

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012423\
 Data File : BF132188.D
 Acq On : 24 Jan 2023 11:32
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/25/2023
 Supervised By : Jagrut Upadhyay 01/25/2023

Quant Time: Jan 25 01:13:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 01:10:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	271702	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	955715	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	532006	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	999902	20.000	ng	0.00
76) Chrysene-d12	14.295	240	627587	20.000	ng	0.00
86) Perylene-d12	15.889	264	476904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	636468	42.235	ng	0.00
7) Phenol-d6	6.690	99	792069	42.695	ng	0.00
23) Nitrobenzene-d5	7.642	82	756561	42.397	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	190545	38.132	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1512349	43.061	ng	0.00
79) Terphenyl-d14	13.224	244	1655572	41.336	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	158431	20.598	ng	99
3) Pyridine	3.778	79	429729	20.433	ng	99
4) n-Nitrosodimethylamine	3.731	42	196392	20.854	ng	98
6) Aniline	6.743	93	546448	20.977	ng	99
8) 2-Chlorophenol	6.860	128	336039	21.559	ng	97
9) Benzaldehyde	6.631	77	284151	21.356	ng	99
10) Phenol	6.701	94	418882	21.519	ng	98
11) bis(2-Chloroethyl)ether	6.807	93	351793	21.414	ng	99
12) 1,3-Dichlorobenzene	7.019	146	391718	21.302	ng	98
13) 1,4-Dichlorobenzene	7.095	146	387746	21.085	ng	98
14) 1,2-Dichlorobenzene	7.254	146	370834	21.649	ng	97
15) Benzyl Alcohol	7.213	79	317219	21.345	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.348	45	467524	21.068	ng	98
17) 2-Methylphenol	7.313	107	295486	21.238	ng	99
18) Hexachloroethane	7.595	117	133907	20.976	ng	88
19) n-Nitroso-di-n-propyla...	7.484	70	265872	21.644	ng	97
20) 3+4-Methylphenols	7.466	107	385987	22.077	ng	91
22) Acetophenone	7.484	105	491921	21.327	ng	99
24) Nitrobenzene	7.660	77	403737	21.413	ng	99
25) Isophorone	7.895	82	707343	20.811	ng	99
26) 2-Nitrophenol	7.978	139	131561	18.934	ng	94
27) 2,4-Dimethylphenol	8.001	122	293220	20.733	ng	98
28) bis(2-Chloroethoxy)met...	8.101	93	421199	21.207	ng	99
29) 2,4-Dichlorophenol	8.213	162	292328	20.630	ng	100
30) 1,2,4-Trichlorobenzene	8.307	180	351890	20.824	ng	99
31) Naphthalene	8.389	128	994660	21.323	ng	99
32) Benzoic acid	8.084	122	142025	17.242	ng	98
33) 4-Chloroaniline	8.431	127	428261	21.207	ng	99
34) Hexachlorobutadiene	8.501	225	233857	20.534	ng	99
35) Caprolactam	8.789	113	74008m	20.343	ng	
36) 4-Chloro-3-methylphenol	8.901	107	289184	20.925	ng	99
37) 2-Methylnaphthalene	9.084	142	717155	21.191	ng	100
38) 1-Methylnaphthalene	9.184	142	662688	21.251	ng	100
40) 1,2,4,5-Tetrachloroben...	9.248	216	390425	20.910	ng	100
41) Hexachlorocyclopentadiene	9.236	237	183376	18.244	ng	100
43) 2,4,6-Trichlorophenol	9.354	196	223440	20.455	ng	99

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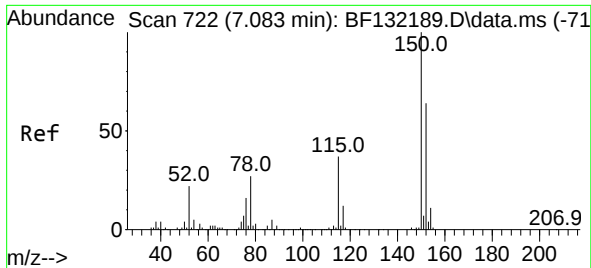
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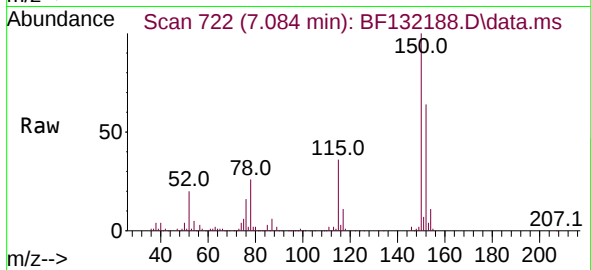
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.389	196	263128	20.559	ng	96
46) 1,1'-Biphenyl	9.548	154	849910	21.281	ng	98
47) 2-Chloronaphthalene	9.578	162	651878	20.957	ng	97
48) 2-Nitroaniline	9.666	65	166711	20.795	ng	97
49) Acenaphthylene	9.995	152	1005866	21.185	ng	100
50) Dimethylphthalate	9.842	163	745559	21.004	ng	99
51) 2,6-Dinitrotoluene	9.907	165	153558	20.415	ng	96
52) Acenaphthene	10.166	154	629361	21.017	ng	100
53) 3-Nitroaniline	10.078	138	165213	20.781	ng	100
54) 2,4-Dinitrophenol	10.178	184	58982	17.174	ng	# 29
55) Dibenzofuran	10.342	168	943920	21.183	ng	96
56) 4-Nitrophenol	10.213	139	109319	19.841	ng	91
57) 2,4-Dinitrotoluene	10.307	165	189341	20.219	ng	# 82
58) Fluorene	10.683	166	730421	21.218	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.448	232	194386	20.321	ng	93
60) Diethylphthalate	10.548	149	721179	21.214	ng	99
61) 4-Chlorophenyl-phenyle...	10.672	204	411574	21.130	ng	99
62) 4-Nitroaniline	10.689	138	159262	20.767	ng	96
63) Azobenzene	10.836	77	744255	21.421	ng	96
65) 4,6-Dinitro-2-methylph...	10.719	198	84207	17.440	ng	90
66) n-Nitrosodiphenylamine	10.789	169	628690	21.114	ng	99
67) 4-Bromophenyl-phenylether	11.166	248	242106	20.256	ng	96
68) Hexachlorobenzene	11.236	284	235022	20.020	ng	94
69) Atrazine	11.313	200	198602	21.185	ng	97
70) Pentachlorophenol	11.425	266	144334	18.391	ng	99
71) Phenanthrene	11.654	178	1058389	21.304	ng	98
72) Anthracene	11.707	178	1078323	21.404	ng	99
73) Carbazole	11.860	167	906577	21.351	ng	99
74) Di-n-butylphthalate	12.183	149	1016678	21.517	ng	99
75) Fluoranthene	12.854	202	1128826	21.725	ng	99
77) Benzidine	12.972	184	346469	21.671	ng	98
78) Pyrene	13.089	202	1135443	20.369	ng	100
80) Butylbenzylphthalate	13.701	149	313022	19.238	ng	95
81) Benzo(a)anthracene	14.283	228	917018	20.540	ng	99
82) 3,3'-Dichlorobenzidine	14.242	252	250099	21.018	ng	97
83) Chrysene	14.324	228	859985	20.624	ng	99
84) Bis(2-ethylhexyl)phtha...	14.260	149	439758	19.946	ng	99
85) Di-n-octyl phthalate	14.895	149	518727	16.911	ng	99
87) Indeno(1,2,3-cd)pyrene	17.536	276	652615	19.920	ng	99
88) Benzo(b)fluoranthene	15.407	252	649976	21.269	ng	99
89) Benzo(k)fluoranthene	15.436	252	630112	20.195	ng	98
90) Benzo(a)pyrene	15.818	252	573117	20.034	ng	99
91) Dibenzo(a,h)anthracene	17.565	278	543620	20.093	ng	98
92) Benzo(g,h,i)perylene	18.048	276	547114	19.975	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.084 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

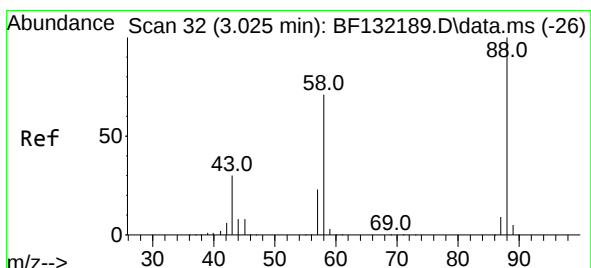
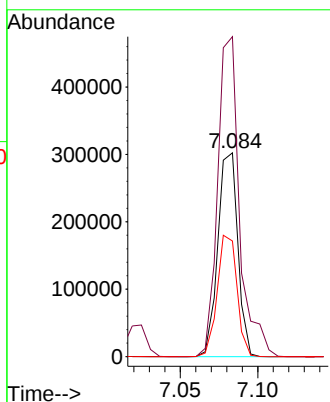
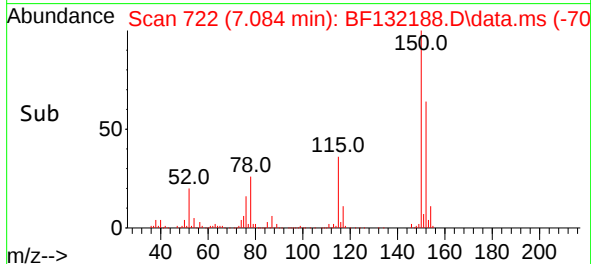
Instrument :
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SSTDICC020



Tgt Ion:152 Resp: 271702
Ion Ratio Lower Upper
152 100
150 157.1 124.6 187.0
115 56.8 45.5 68.3

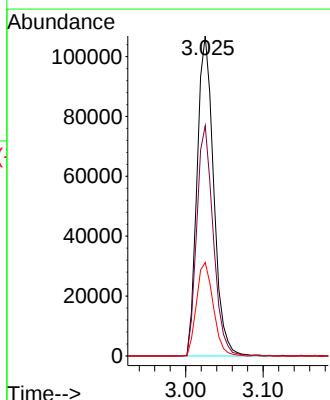
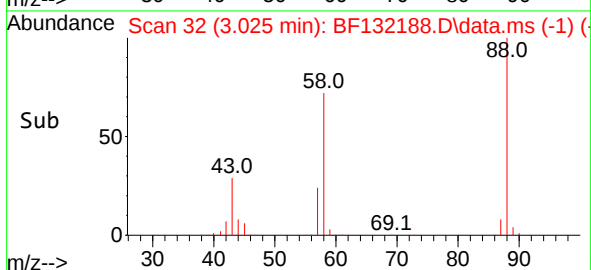
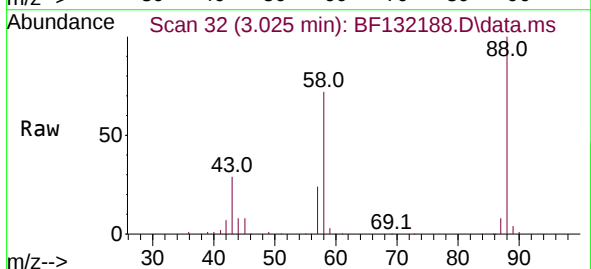
Manual Integrations
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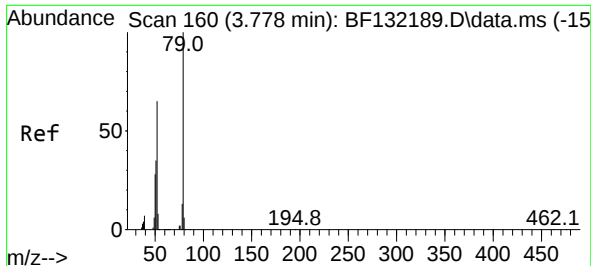
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#2
1,4-Dioxane
Concen: 20.598 ng
RT: 3.025 min Scan# 32
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

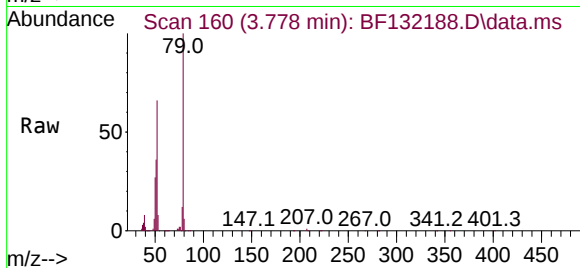
Tgt Ion: 88 Resp: 158431
Ion Ratio Lower Upper
88 100
58 71.7 56.0 84.0
43 29.6 23.8 35.6





#3
 Pyridine
 Concen: 20.433 ng
 RT: 3.778 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BF132188.D
 Acq: 24 Jan 2023 11:32

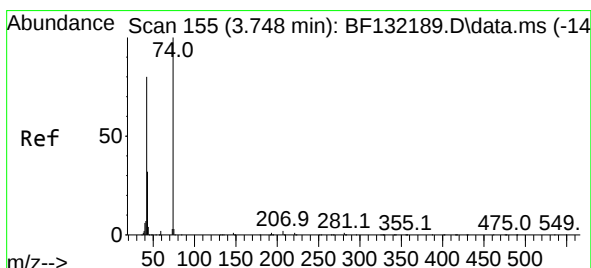
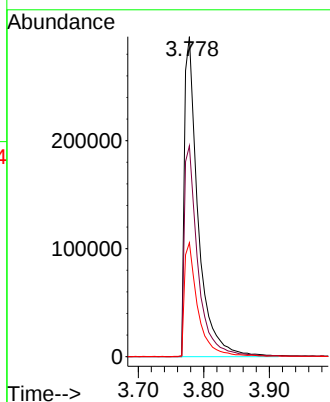
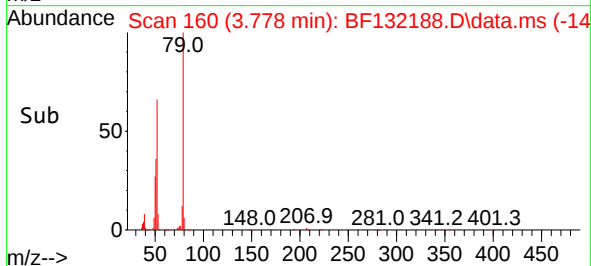
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



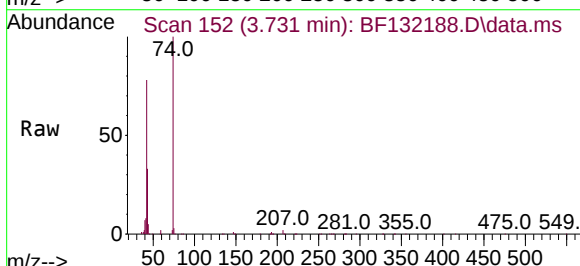
Tgt Ion: 79 Resp: 429729
 Ion Ratio Lower Upper
 79 100
 52 65.9 52.0 78.0
 51 35.6 27.8 41.6

Manual Integrations
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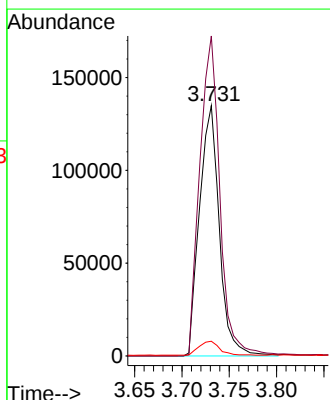
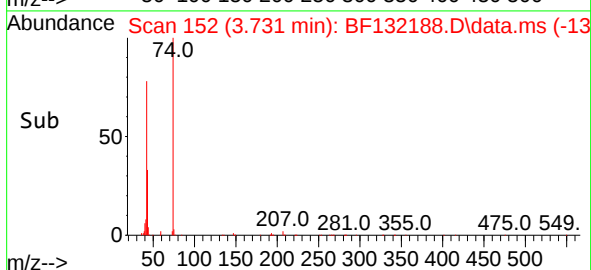
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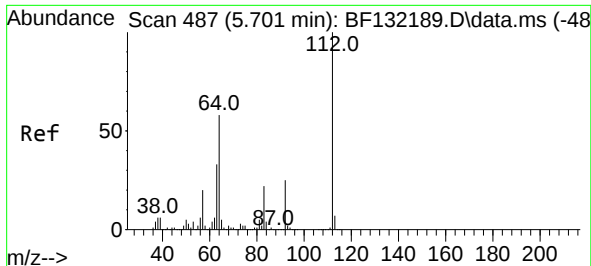


#4
 n-Nitrosodimethylamine
 Concen: 20.854 ng
 RT: 3.731 min Scan# 152
 Delta R.T. -0.017 min
 Lab File: BF132188.D
 Acq: 24 Jan 2023 11:32



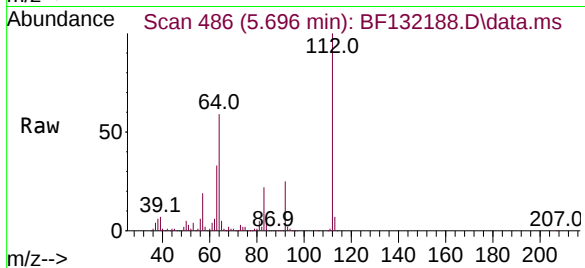
Tgt Ion: 42 Resp: 196392
 Ion Ratio Lower Upper
 42 100
 74 127.9 100.2 150.4
 44 5.9 4.5 6.7





#5
2-Fluorophenol
Concen: 42.235 ng
RT: 5.696 min Scan# 487
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

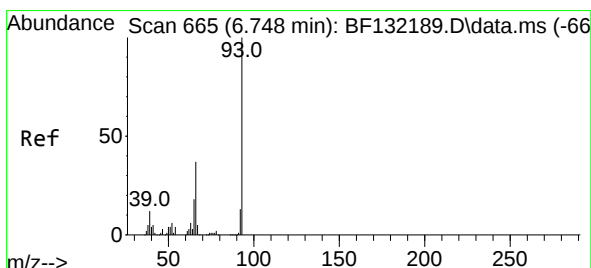
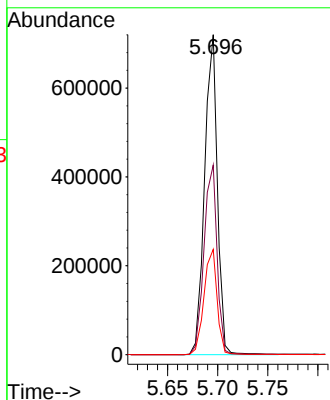
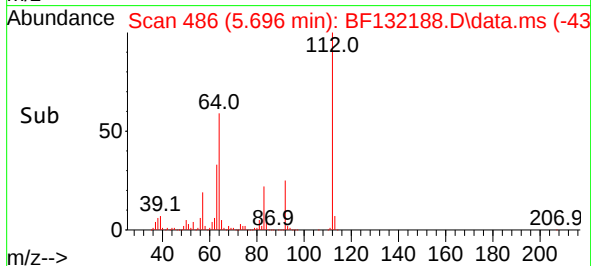
Instrument :
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Tgt Ion: 112 Resp: 636468
Ion Ratio Lower Upper
112 100
64 59.2 46.6 69.8
63 32.9 26.1 39.1

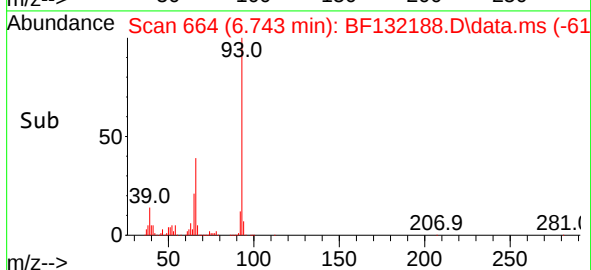
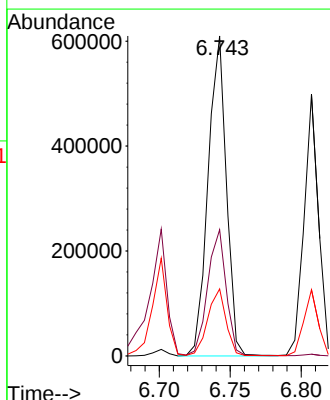
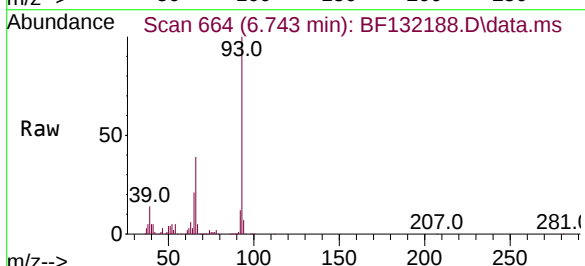
Manual Integrations
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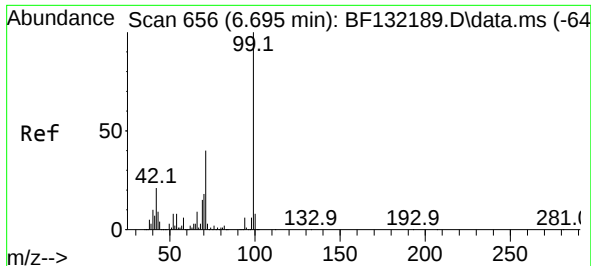
Reviewed By :Christian Giraldo 01/25/2023
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#6
Aniline
Concen: 20.977 ng
RT: 6.743 min Scan# 664
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

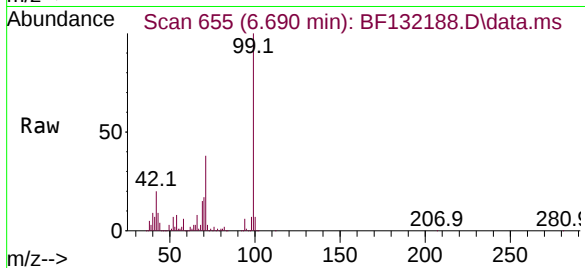
Tgt Ion: 93 Resp: 546448
Ion Ratio Lower Upper
93 100
66 39.4 31.9 47.9
65 20.9 16.4 24.6





#7
Phenol-d6
Concen: 42.695 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

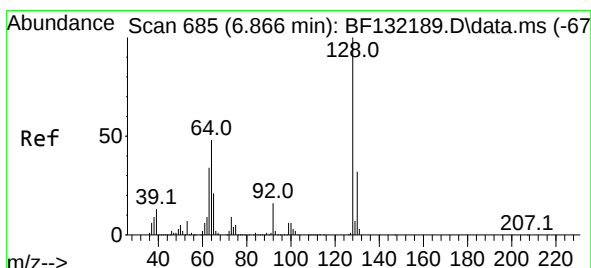
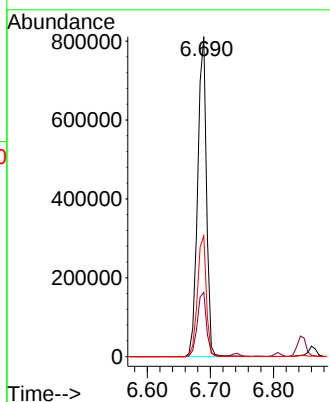
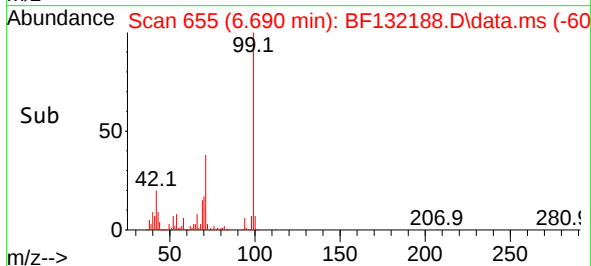
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 792069
Ion Ratio Lower Upper
99 100
42 20.1 16.9 25.3
71 37.7 32.0 48.0

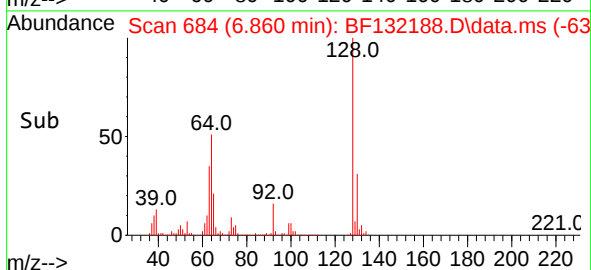
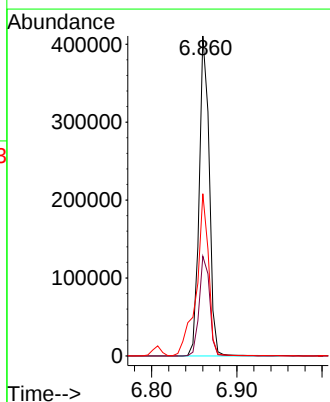
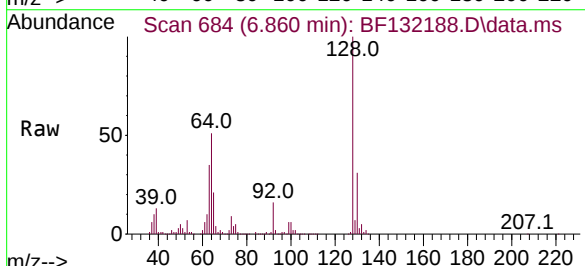
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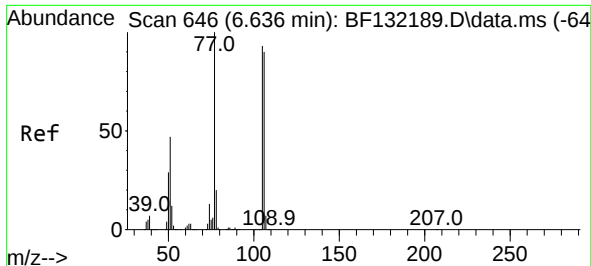
Reviewed By :Christian Giraldo 01/25/2023
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#8
2-Chlorophenol
Concen: 21.559 ng
RT: 6.860 min Scan# 684
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

Tgt Ion:128 Resp: 336039
Ion Ratio Lower Upper
128 100
130 31.1 12.3 52.3
64 50.7 28.1 68.1





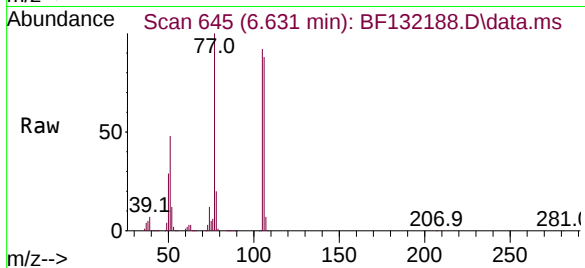
#9
Benzaldehyde
Concen: 21.356 ng
RT: 6.631 min Scan# 646
Delta R.T. -0.005 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

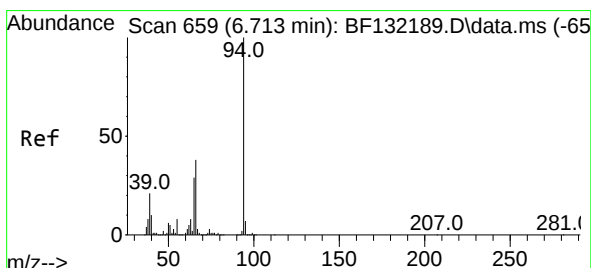
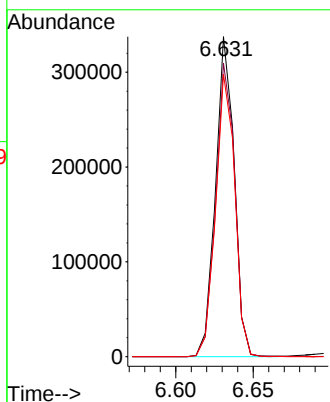
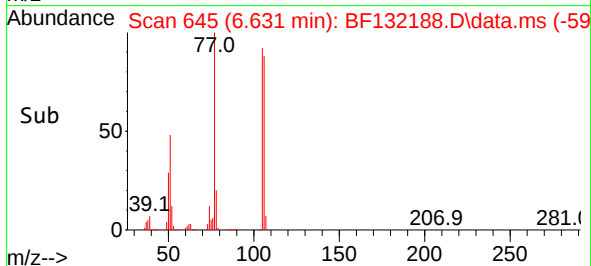


Tgt Ion: 77 Resp: 284153
Ion Ratio Lower Upper
77 100
105 91.7 73.1 113.1
106 88.2 69.5 109.5

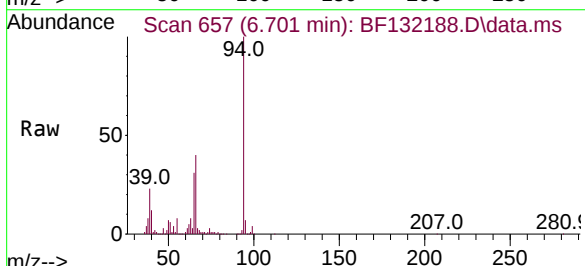
Manual Integrations

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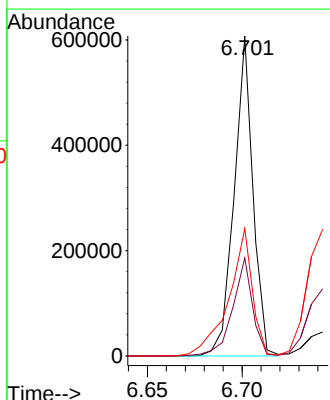
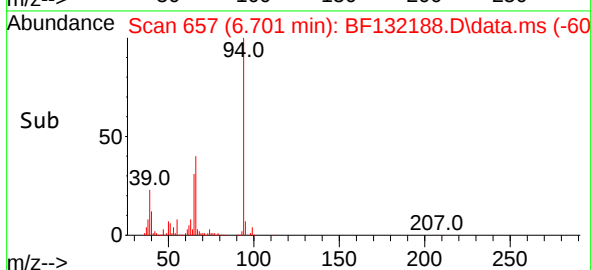
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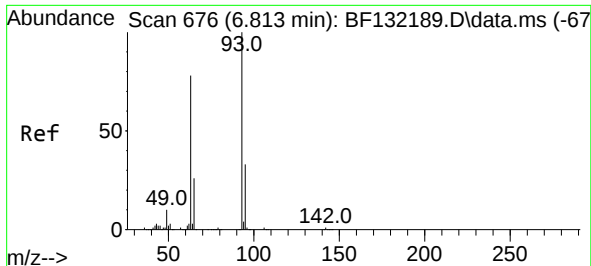


#10
Phenol
Concen: 21.519 ng
RT: 6.701 min Scan# 657
Delta R.T. -0.012 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



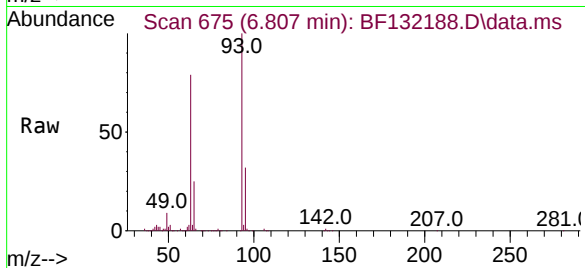
Tgt Ion: 94 Resp: 418882
Ion Ratio Lower Upper
94 100
65 30.6 9.3 49.3
66 39.8 18.4 58.4





#11
bis(2-Chloroethyl)ether
Concen: 21.414 ng
RT: 6.807 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

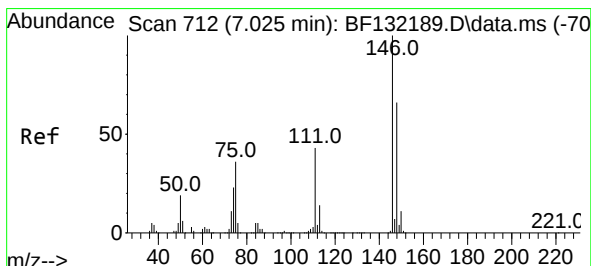
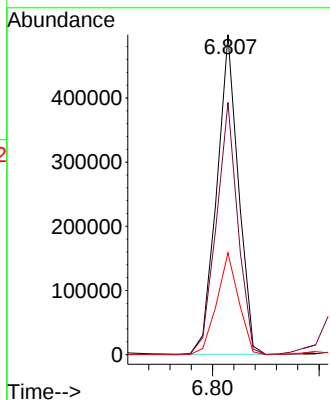
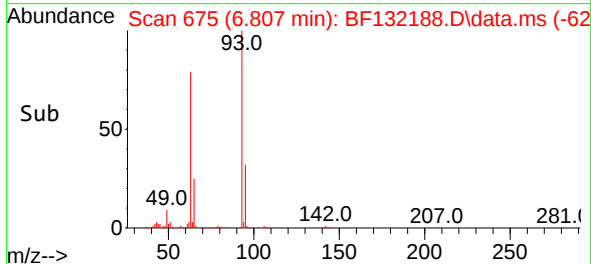
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 93 Resp: 351793
Ion Ratio Lower Upper
93 100
63 78.8 58.1 98.1
95 31.8 13.1 53.1

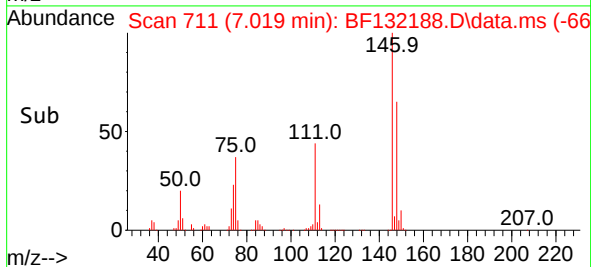
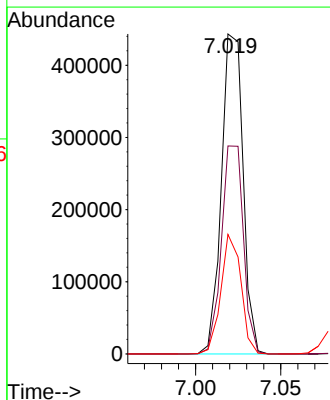
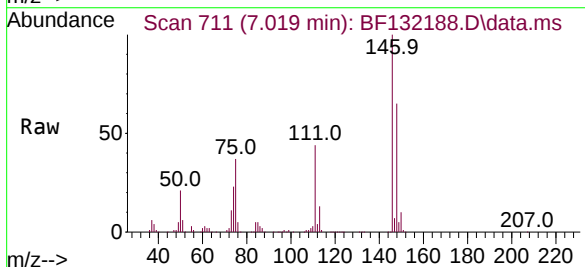
Manual Integrations
APPROVED

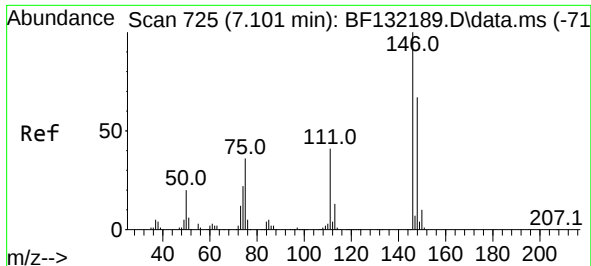
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#12
1,3-Dichlorobenzene
Concen: 21.302 ng
RT: 7.019 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

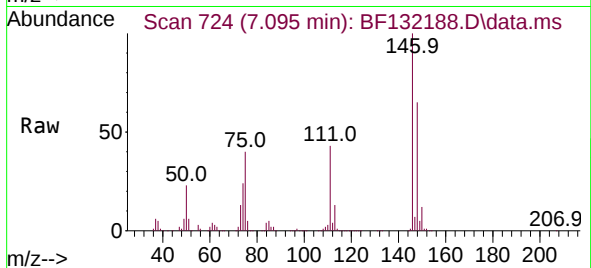
Tgt Ion:146 Resp: 391718
Ion Ratio Lower Upper
146 100
148 65.0 53.2 79.8
75 37.3 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 21.085 ng
RT: 7.095 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

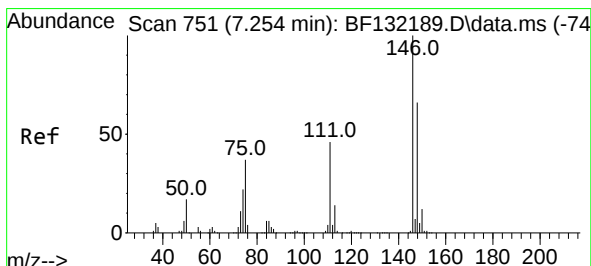
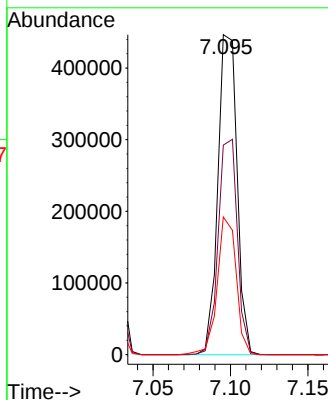
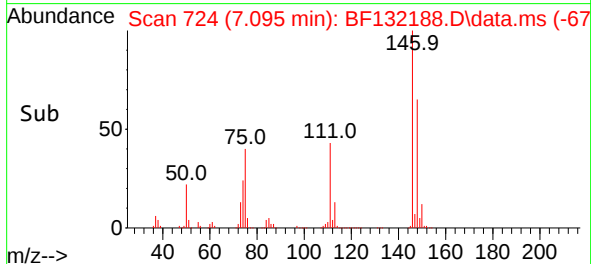
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:146 Resp: 387746
Ion Ratio Lower Upper
146 100
148 65.5 53.5 80.3
111 43.0 33.0 49.4

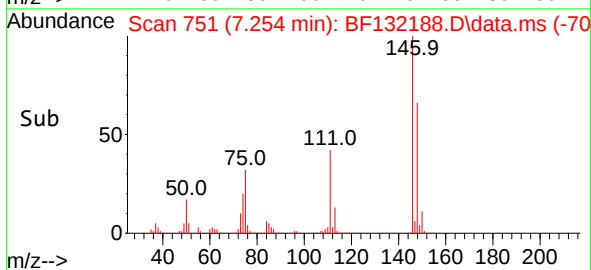
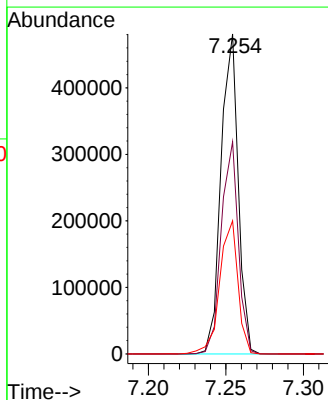
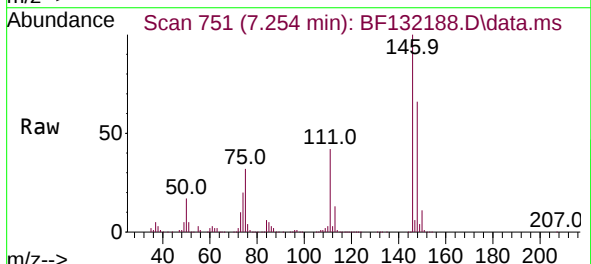
Manual Integrations
APPROVED

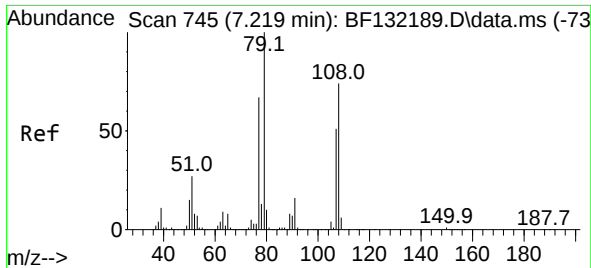
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#14
1,2-Dichlorobenzene
Concen: 21.649 ng
RT: 7.254 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

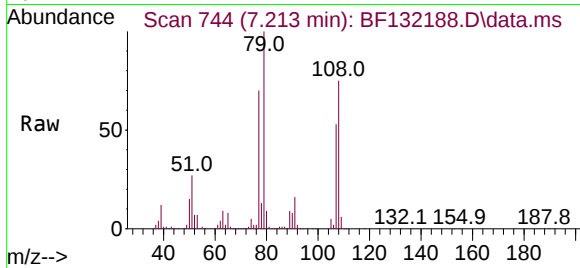
Tgt Ion:146 Resp: 370834
Ion Ratio Lower Upper
146 100
148 66.3 53.1 79.7
111 41.6 36.6 54.8





#15
Benzyl Alcohol
Concen: 21.345 ng
RT: 7.213 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

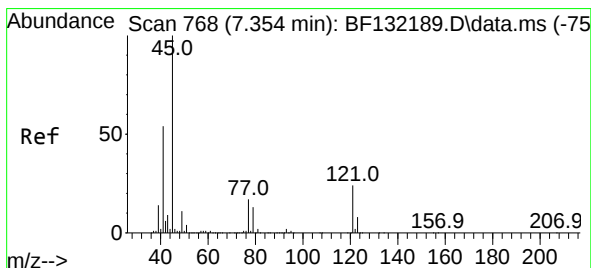
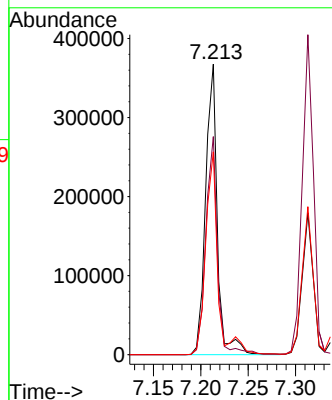
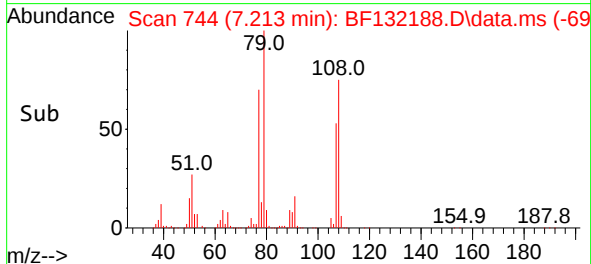
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



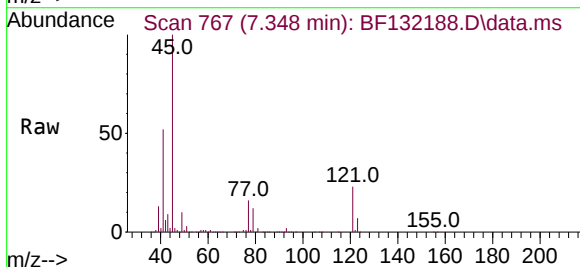
Tgt Ion: 79 Resp: 317219
Ion Ratio Lower Upper
79 100
108 75.0 59.4 89.2
77 69.8 53.9 80.9

Manual Integrations
APPROVED

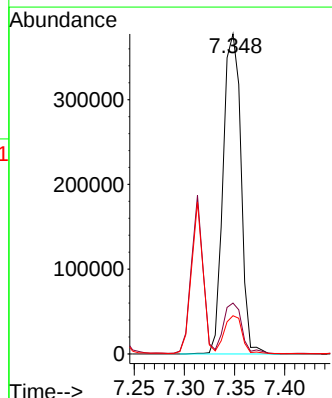
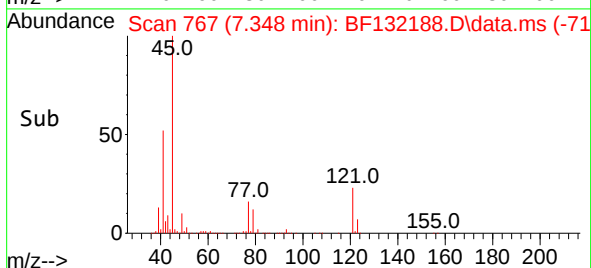
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

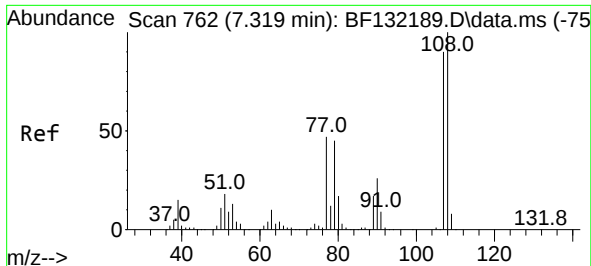


#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.068 ng
RT: 7.348 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



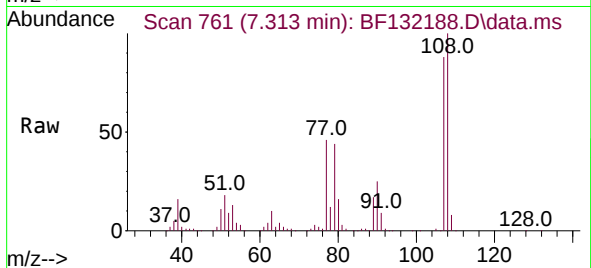
Tgt Ion: 45 Resp: 467524
Ion Ratio Lower Upper
45 100
77 15.9 0.0 36.8
79 11.9 0.0 32.9





#17
2-Methylphenol
Concen: 21.238 ng
RT: 7.313 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

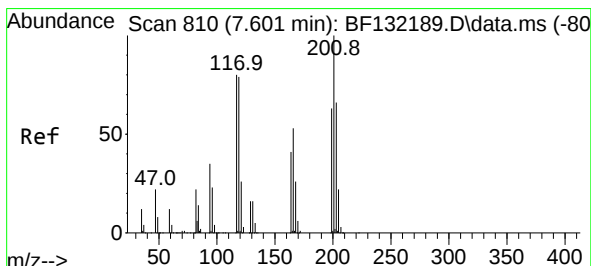
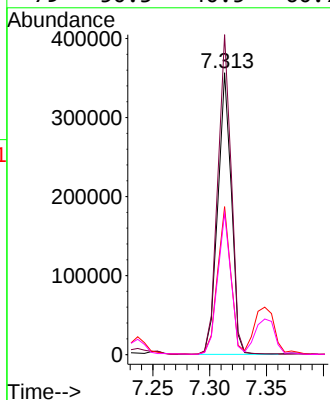
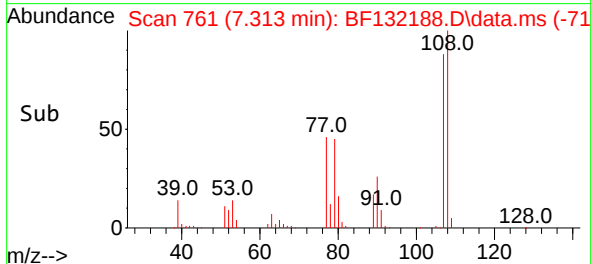
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 295486
Ion Ratio Lower Upper
107 100
108 113.5 89.4 134.2
77 52.5 42.2 63.4
79 50.3 40.5 60.7

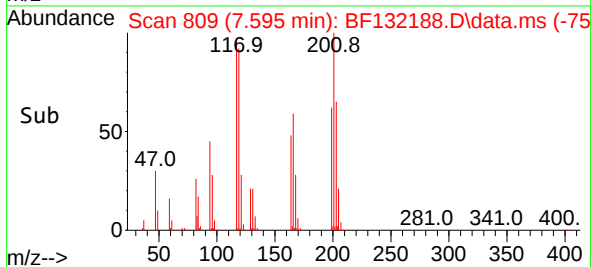
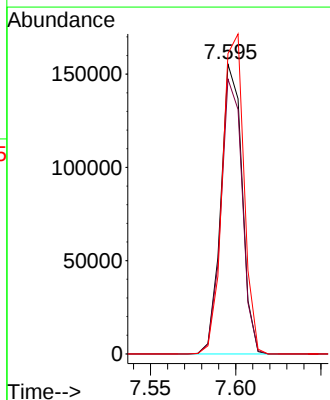
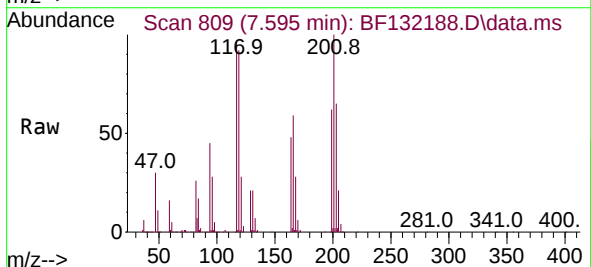
Manual Integrations
APPROVED

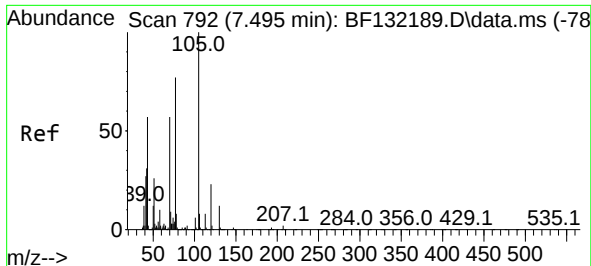
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#18
Hexachloroethane
Concen: 20.976 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

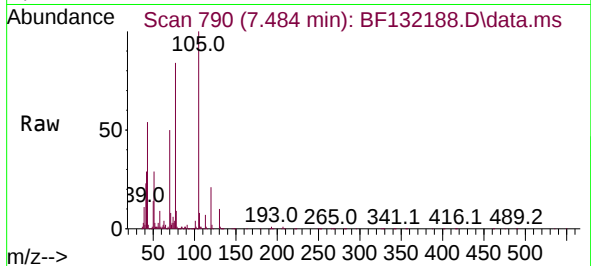
Tgt Ion:117 Resp: 133907
Ion Ratio Lower Upper
117 100
119 94.9 78.6 117.8
201 103.6 99.7 149.5





#19
n-Nitroso-di-n-propylamine
Concen: 21.644 ng
RT: 7.484 min Scan# 792
Delta R.T. -0.012 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

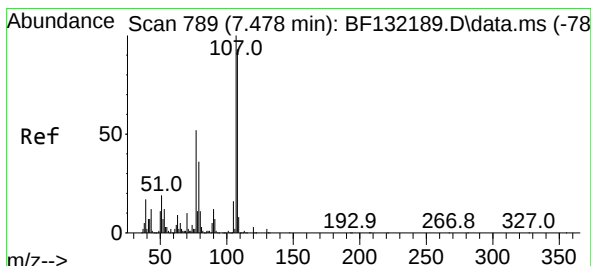
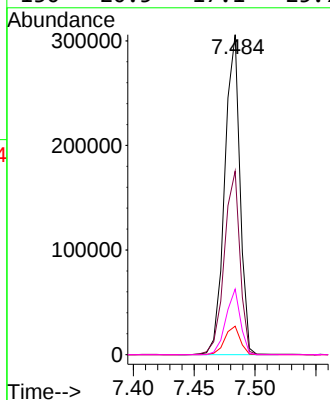
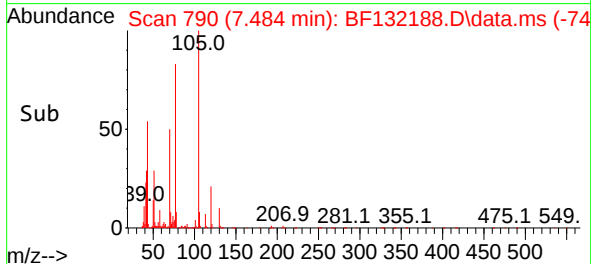
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



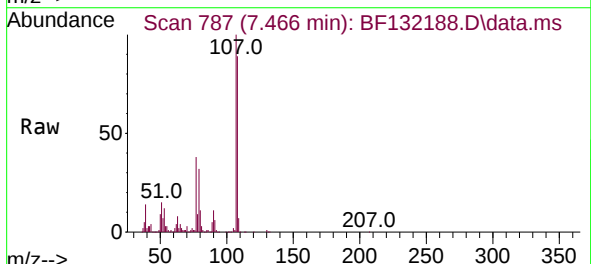
Tgt Ion: 70 Resp: 265872
Ion Ratio Lower Upper
70 100
42 57.3 44.3 66.5
101 8.9 8.1 12.1
130 20.5 17.1 25.7

Manual Integrations
APPROVED

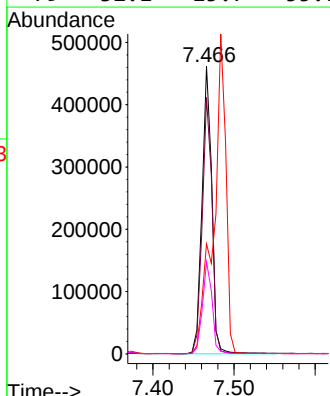
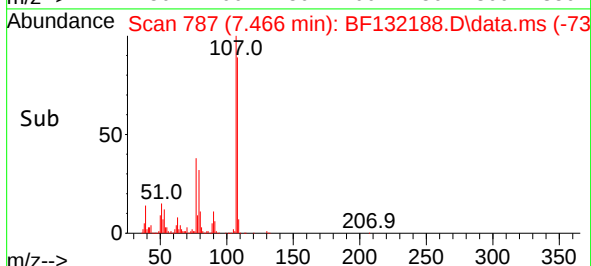
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

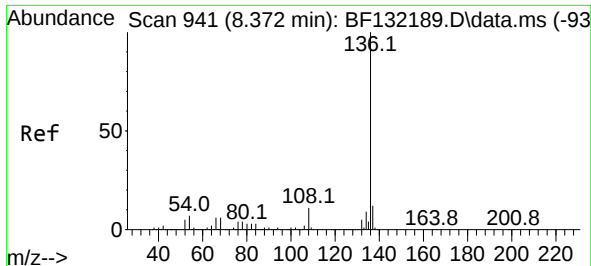


#20
3+4-Methylphenols
Concen: 22.077 ng
RT: 7.466 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



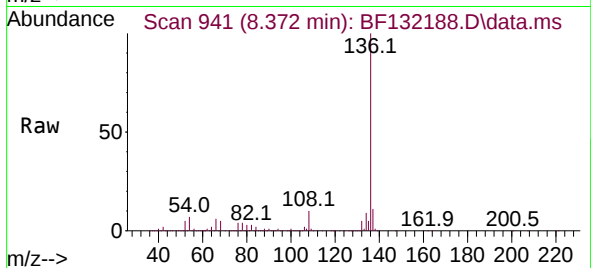
Tgt Ion:107 Resp: 385987
Ion Ratio Lower Upper
107 100
108 89.1 73.4 113.4
77 38.3 32.0 72.0
79 32.1 15.7 55.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

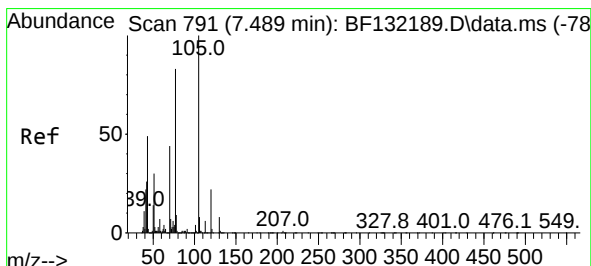
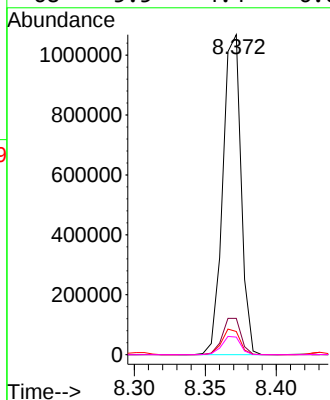
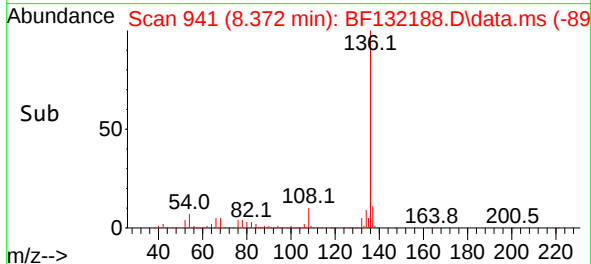
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:	136	Resp:	955715
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.4	14.2
54	7.2	6.0	9.0
68	5.5	4.4	6.6

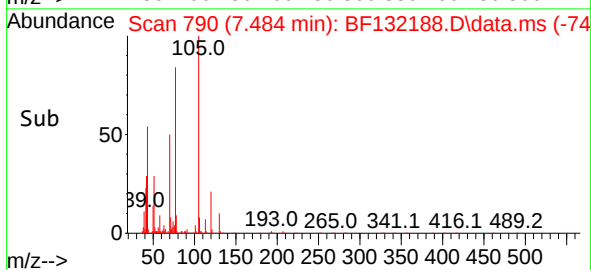
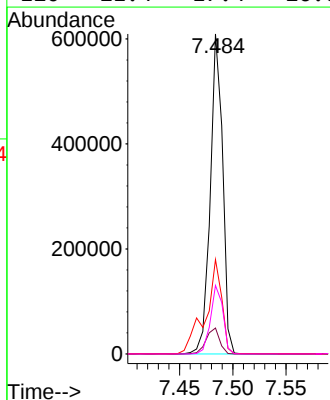
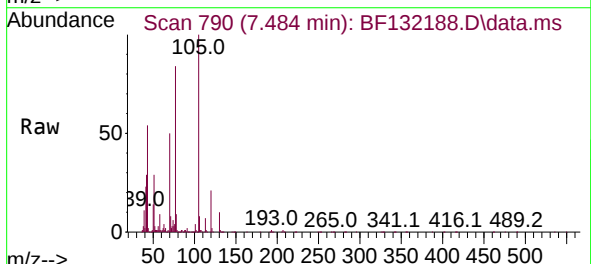
Manual Integrations
APPROVED

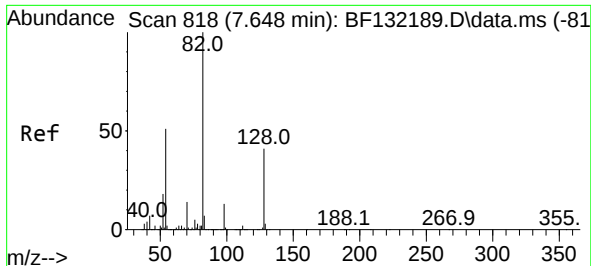
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#22
Acetophenone
Concen: 21.327 ng
RT: 7.484 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

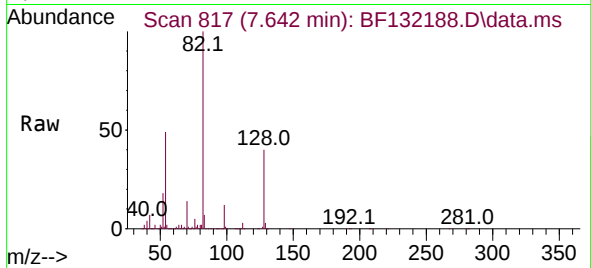
Tgt Ion:	105	Resp:	491921
Ion Ratio	Lower	Upper	
105	100		
71	8.1	5.9	8.9
51	29.5	23.8	35.8
120	21.4	17.4	26.0





#23
Nitrobenzene-d5
Concen: 42.397 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

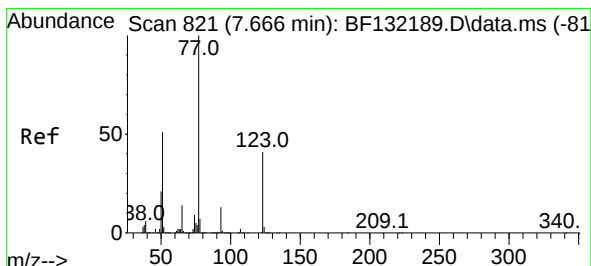
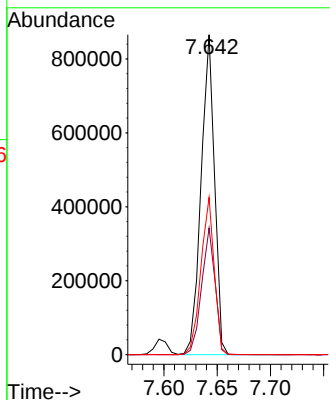
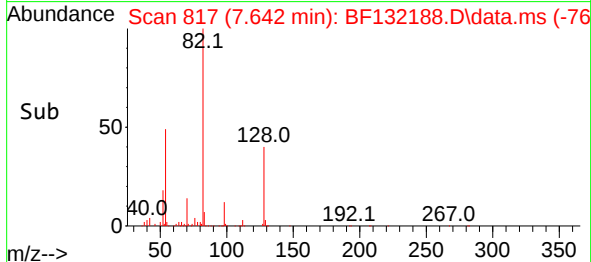
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



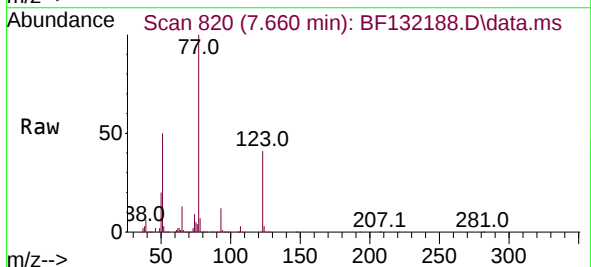
Tgt Ion: 82 Resp: 756561
Ion Ratio Lower Upper
82 100
128 39.6 32.6 49.0
54 49.1 40.4 60.6

Manual Integrations
APPROVED

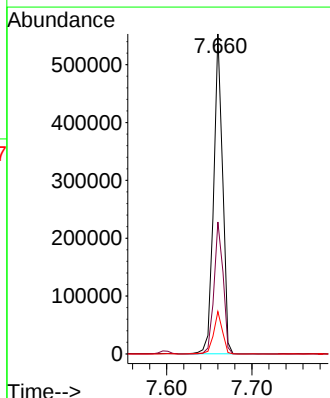
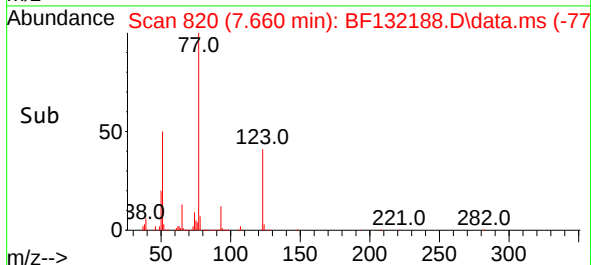
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

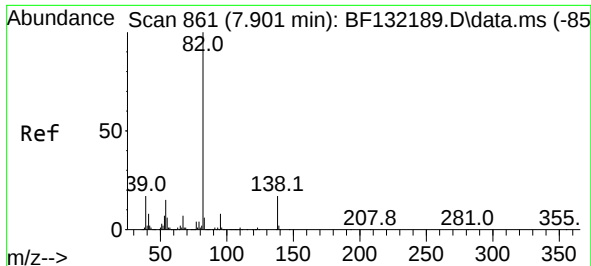


#24
Nitrobenzene
Concen: 21.413 ng
RT: 7.660 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



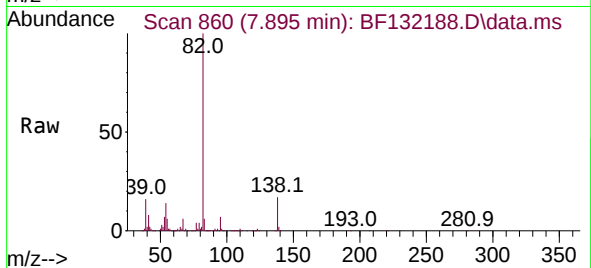
Tgt Ion: 77 Resp: 403737
Ion Ratio Lower Upper
77 100
123 41.2 32.8 49.2
65 13.2 10.9 16.3





#25
Isophorone
Concen: 20.811 ng
RT: 7.895 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

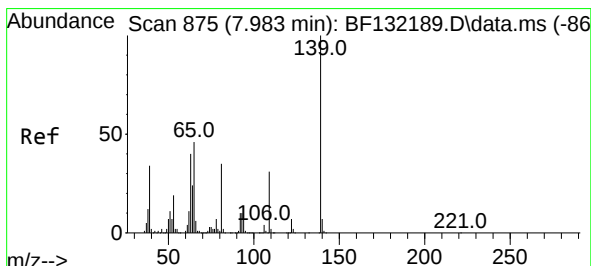
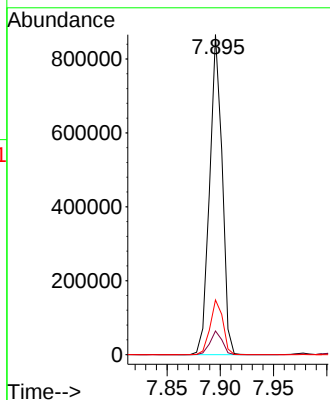
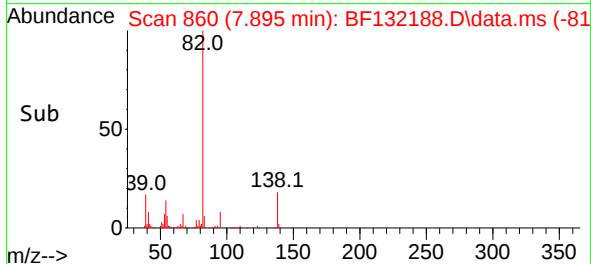
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 707343
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 17.1 14.0 21.0

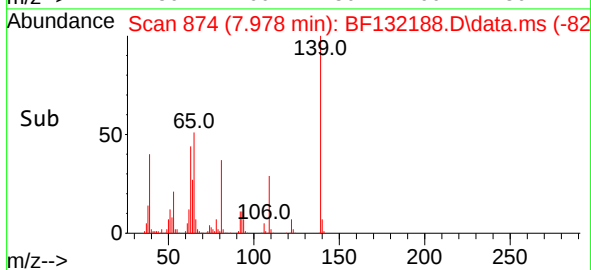
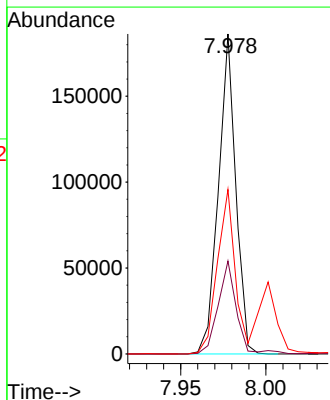
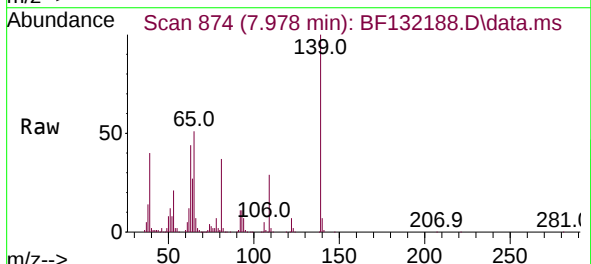
Manual Integrations
APPROVED

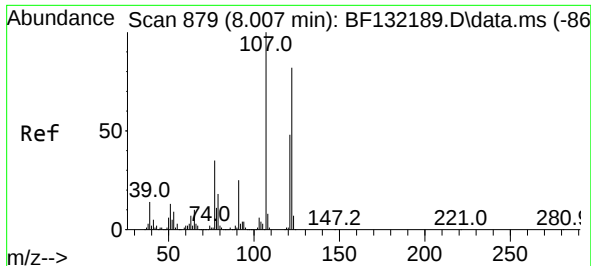
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#26
2-Nitrophenol
Concen: 18.934 ng
RT: 7.978 min Scan# 874
Delta R.T. -0.005 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

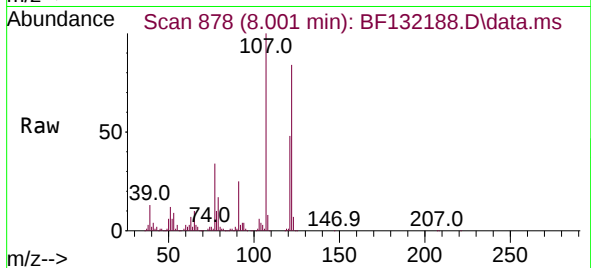
Tgt Ion:139 Resp: 131561
Ion Ratio Lower Upper
139 100
109 29.0 24.6 37.0
65 51.4 36.6 54.8





#27
2,4-Dimethylphenol
Concen: 20.733 ng
RT: 8.001 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

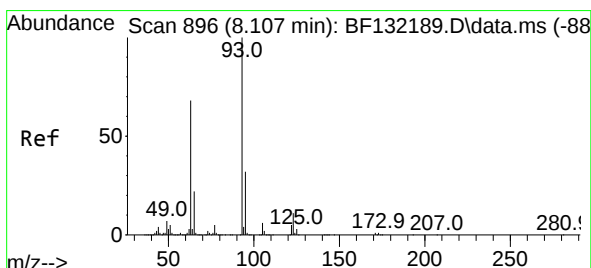
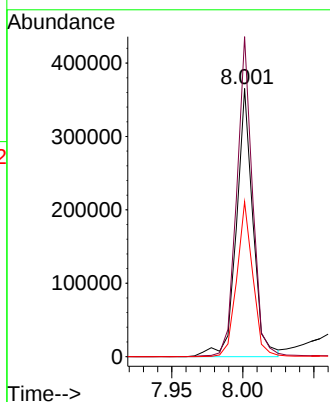
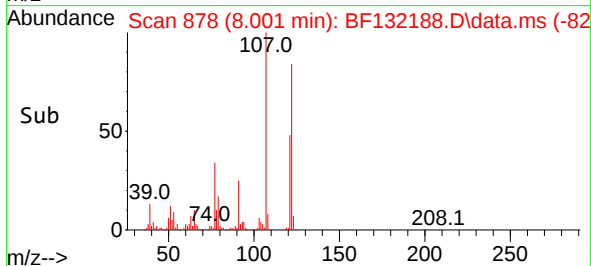
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



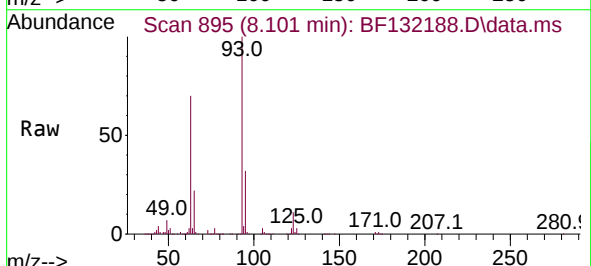
Tgt Ion:122 Resp: 293220
Ion Ratio Lower Upper
122 100
107 119.3 98.0 147.0
121 57.8 47.0 70.6

Manual Integrations
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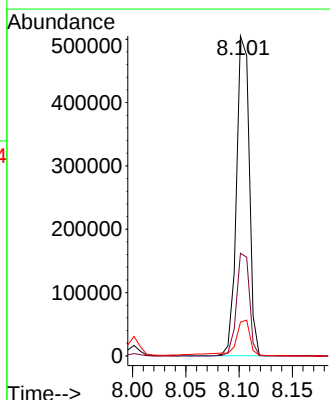
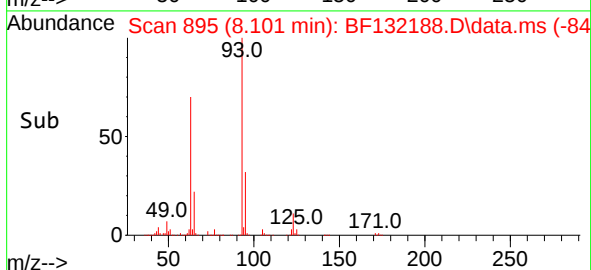
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

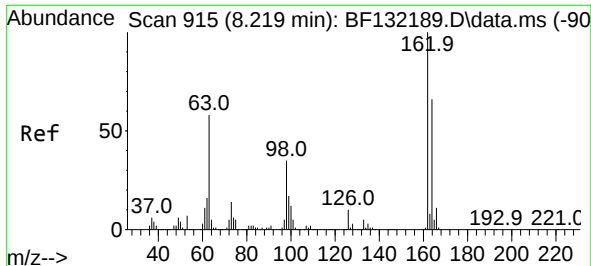


#28
bis(2-Chloroethoxy)methane
Concen: 21.207 ng
RT: 8.101 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



Tgt Ion: 93 Resp: 421199
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 10.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 20.630 ng

RT: 8.213 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 292328

Ion Ratio Lower Upper

162 100

164 66.4 46.0 86.0

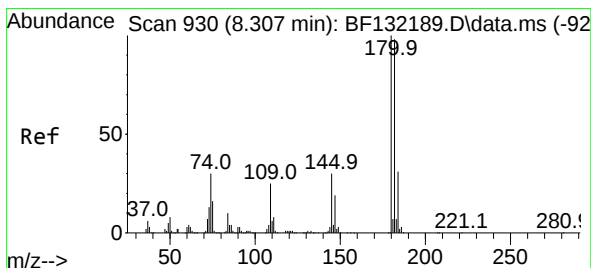
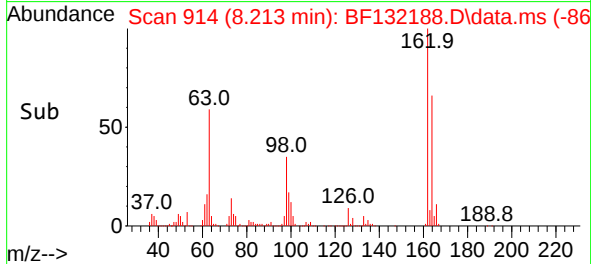
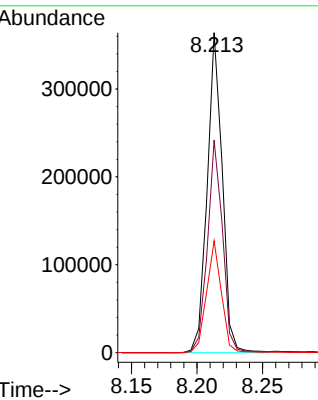
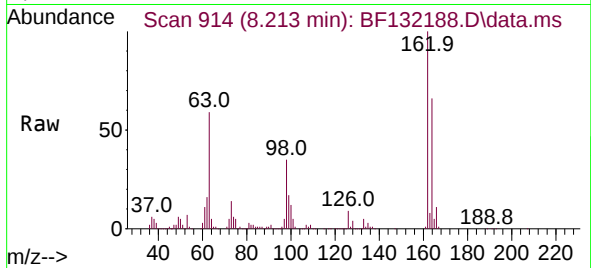
98 34.9 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 20.824 ng

RT: 8.307 min Scan# 930

Delta R.T. 0.000 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

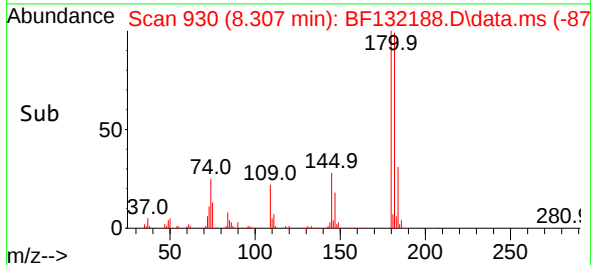
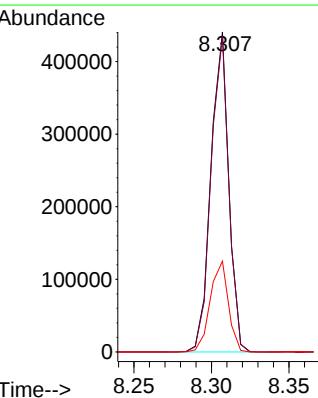
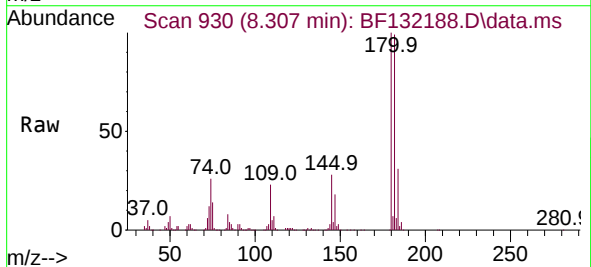
Tgt Ion:180 Resp: 351890

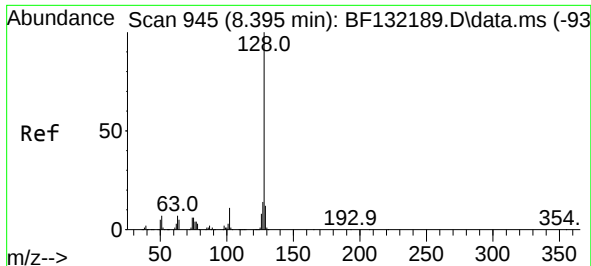
Ion Ratio Lower Upper

180 100

182 98.7 78.3 117.5

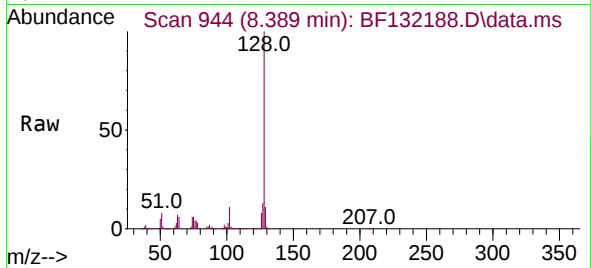
145 28.4 23.8 35.6





#31
Naphthalene
Concen: 21.323 ng
RT: 8.389 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

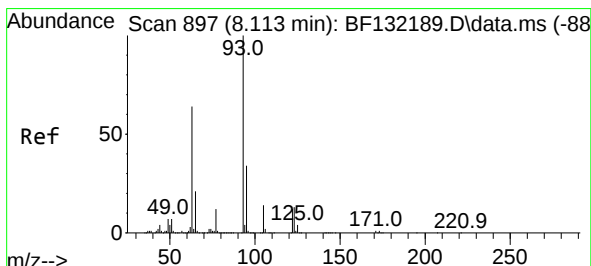
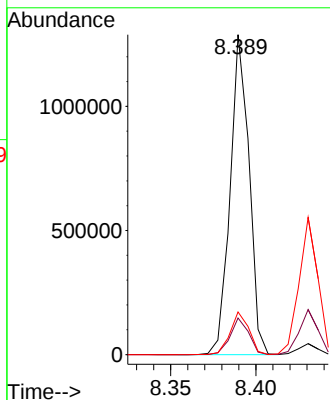
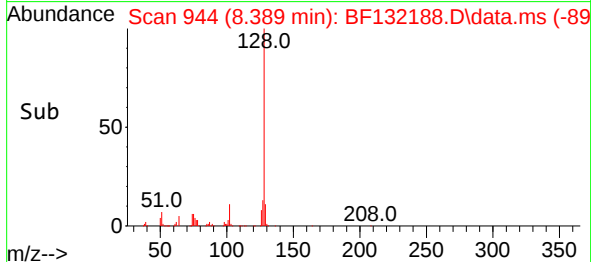
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 994660
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.3 11.1 16.7

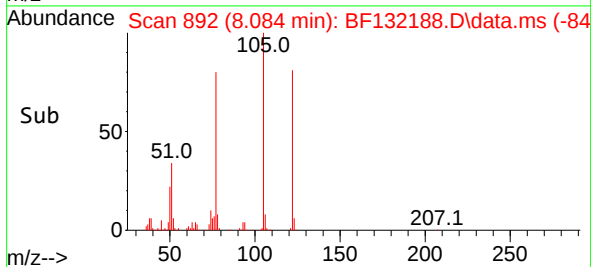
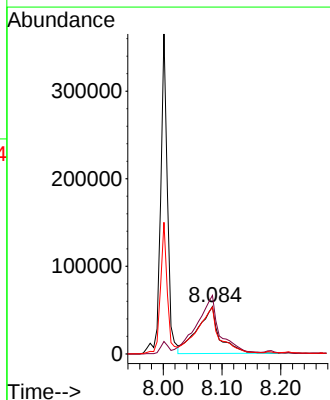
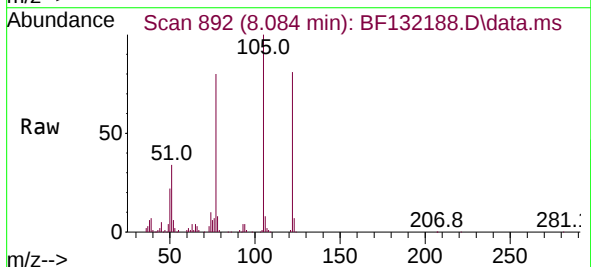
Manual Integrations
APPROVED

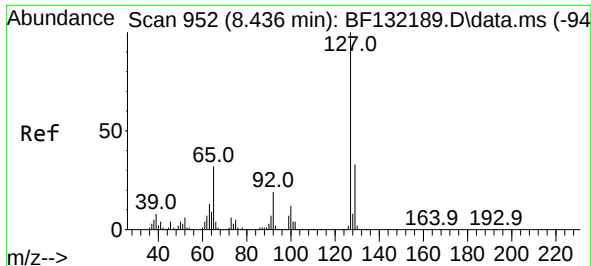
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#32
Benzoic acid
Concen: 17.242 ng
RT: 8.084 min Scan# 892
Delta R.T. -0.029 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

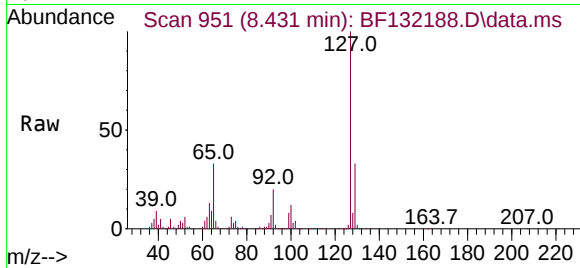
Tgt Ion:122 Resp: 142025
Ion Ratio Lower Upper
122 100
105 123.8 103.1 143.1
77 99.3 83.0 123.0





#33
4-Chloroaniline
Concen: 21.207 ng
RT: 8.431 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

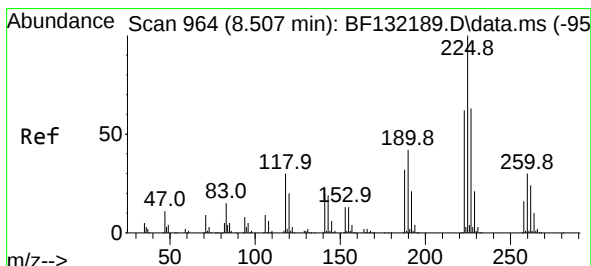
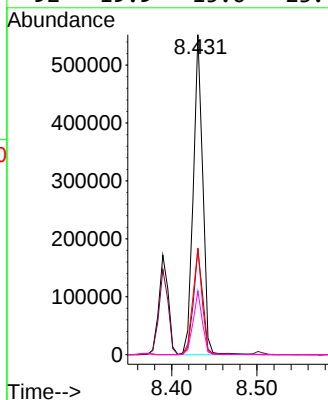
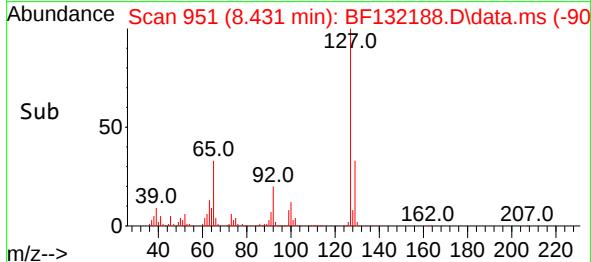
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



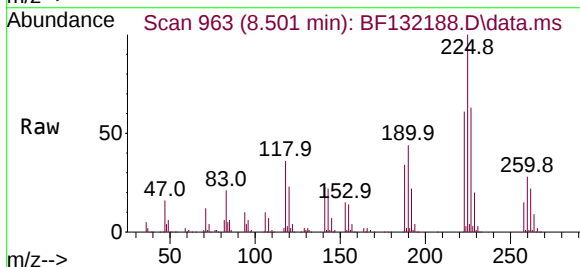
Tgt Ion:127 Resp: 428261
Ion Ratio Lower Upper
127 100
129 32.9 26.1 39.1
65 33.3 25.5 38.3
92 19.9 15.6 23.4

Manual Integrations
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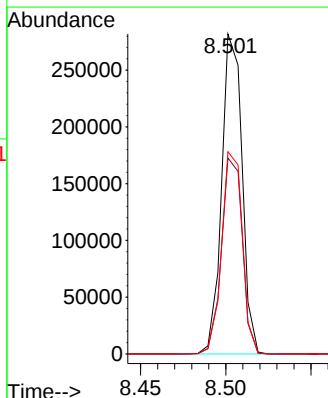
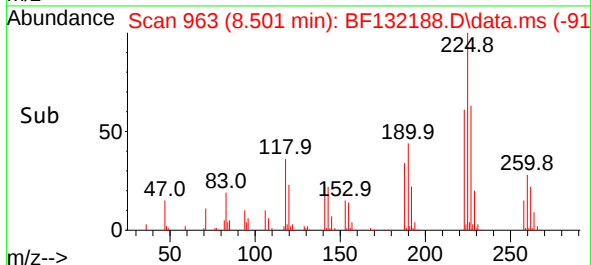
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

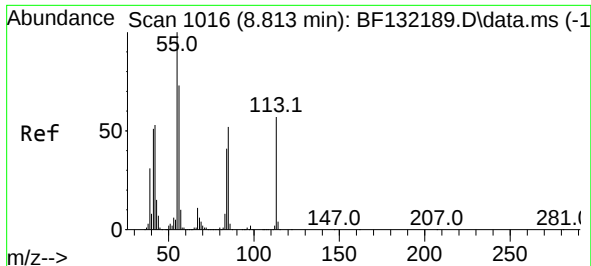


#34
Hexachlorobutadiene
Concen: 20.534 ng
RT: 8.501 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



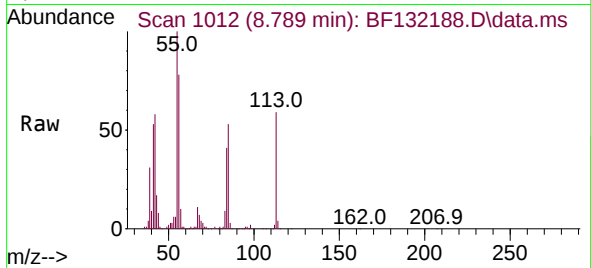
Tgt Ion:225 Resp: 233857
Ion Ratio Lower Upper
225 100
223 61.2 49.7 74.5
227 63.2 50.8 76.2





#35
Caprolactam
Concen: 20.343 ng m
RT: 8.789 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

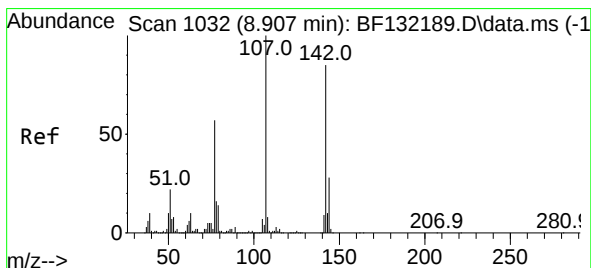
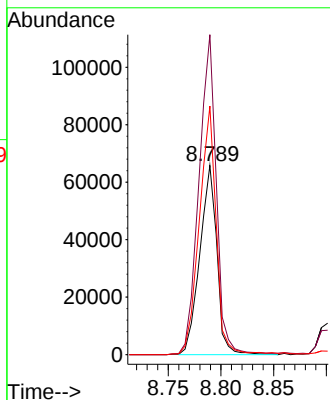
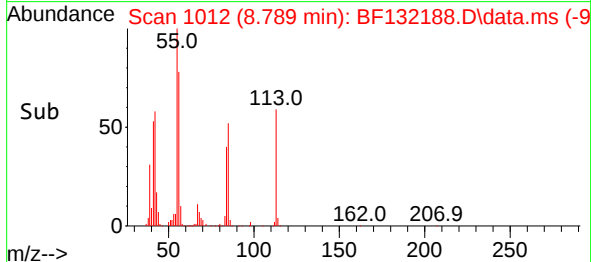
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



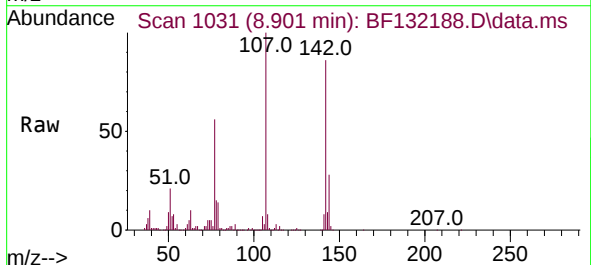
Tgt Ion:113 Resp: 74008
Ion Ratio Lower Upper
113 100
55 169.2 156.8 196.8
56 131.4 109.5 149.5

Manual Integrations
APPROVED

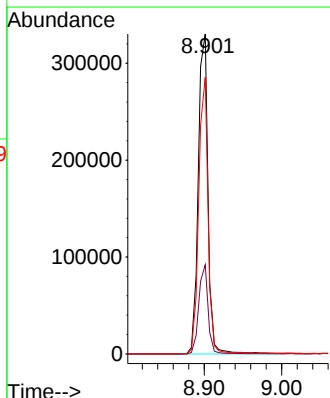
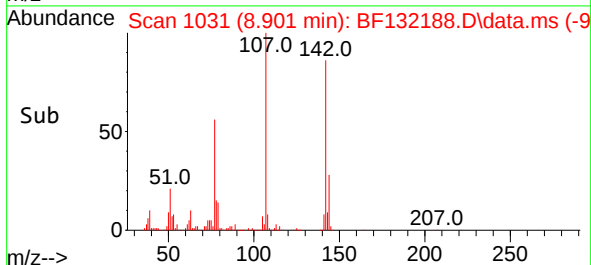
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

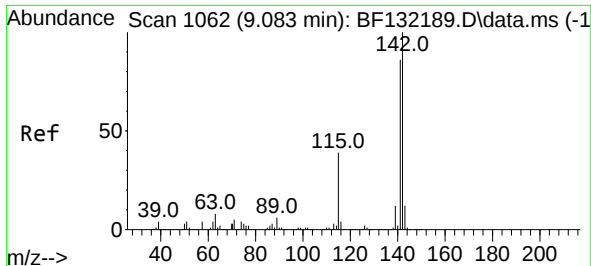


#36
4-Chloro-3-methylphenol
Concen: 20.925 ng
RT: 8.901 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



Tgt Ion:107 Resp: 289184
Ion Ratio Lower Upper
107 100
144 27.9 22.3 33.5
142 86.4 67.8 101.8





#37

2-Methylnaphthalene

Concen: 21.191 ng

RT: 9.084 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 71715

Ion Ratio Lower Upper

142 100

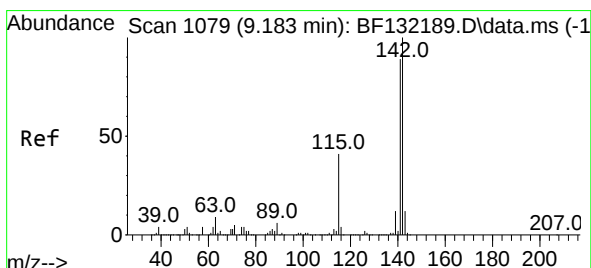
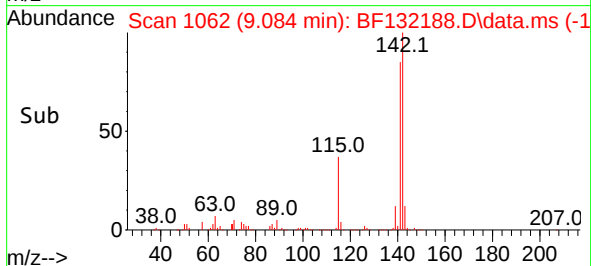
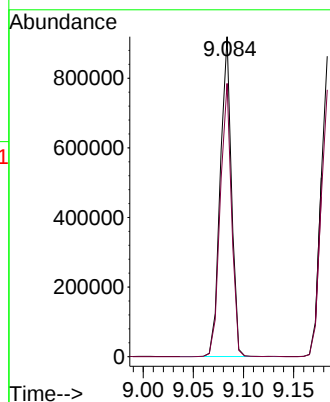
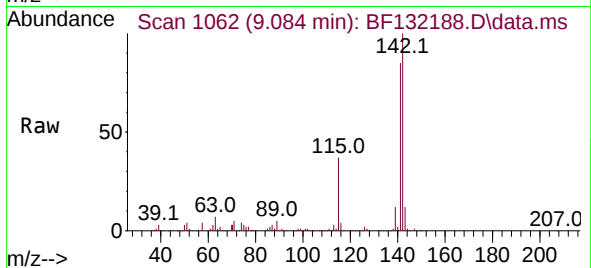
141 85.4 68.5 102.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#38

1-Methylnaphthalene

Concen: 21.251 ng

RT: 9.184 min Scan# 1079

Delta R.T. 0.000 min

Lab File: BF132188.D

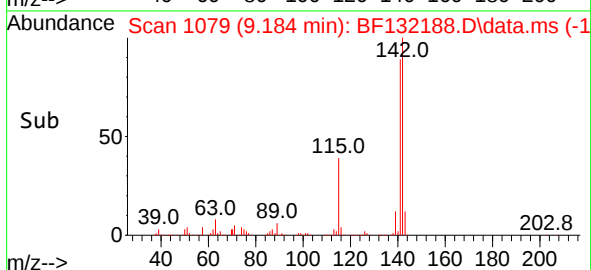
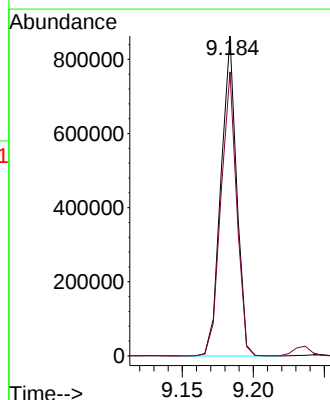
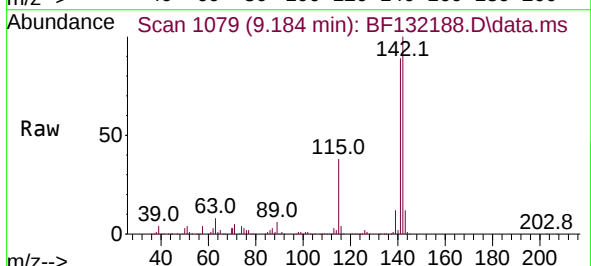
Acq: 24 Jan 2023 11:32

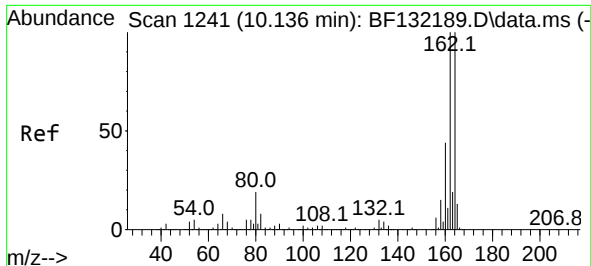
Tgt Ion:142 Resp: 662688

Ion Ratio Lower Upper

142 100

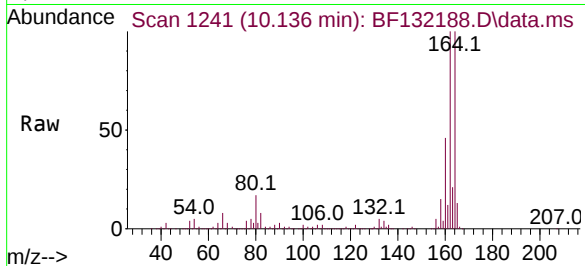
141 88.8 71.3 106.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

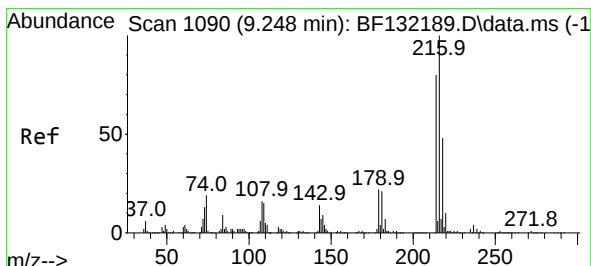
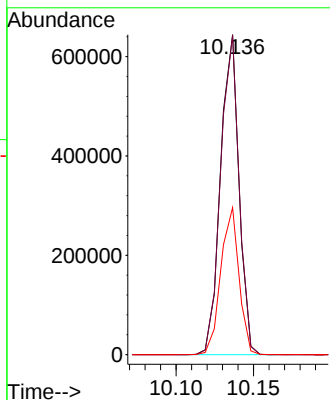
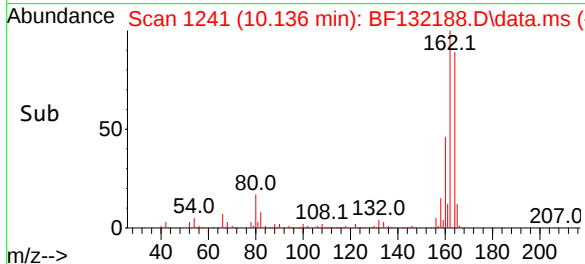
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



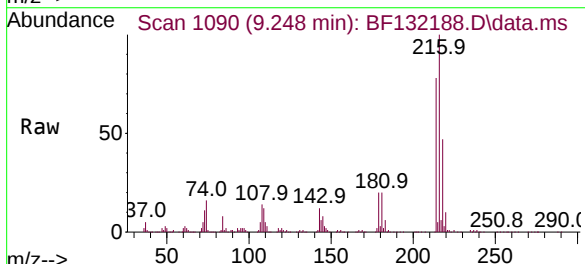
Tgt Ion:164 Resp: 532006
Ion Ratio Lower Upper
164 100
162 99.8 79.7 119.5
160 45.9 35.5 53.3

Manual Integrations
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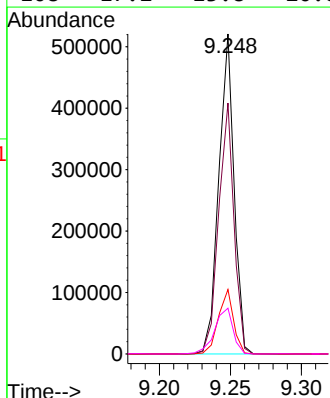
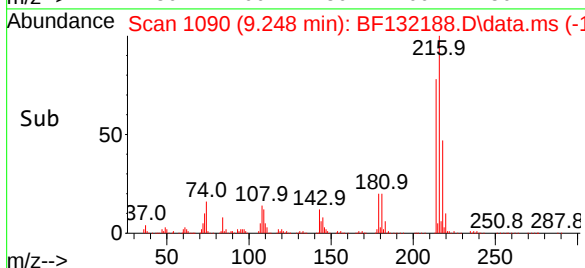
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

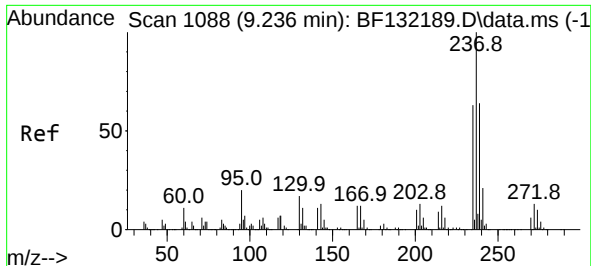


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.910 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



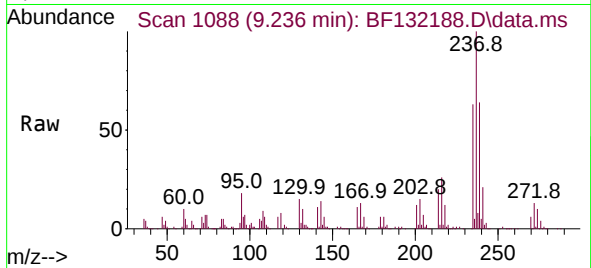
Tgt Ion:216 Resp: 390425
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 20.0 16.2 24.2
108 17.2 13.8 20.8





#41
Hexachlorocyclopentadiene
Concen: 18.244 ng
RT: 9.236 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

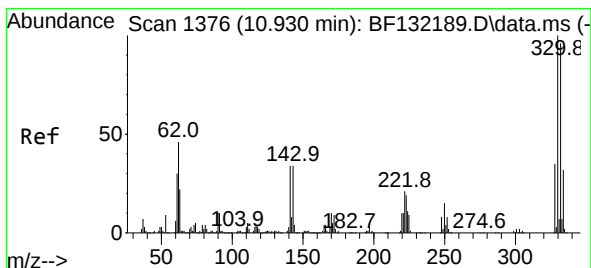
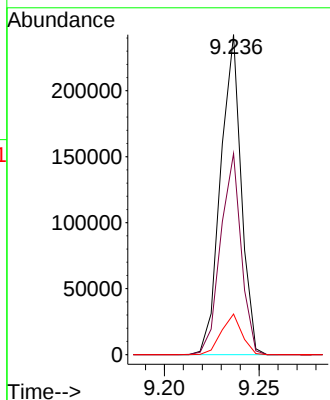
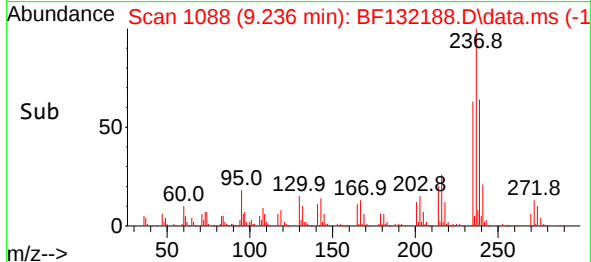
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



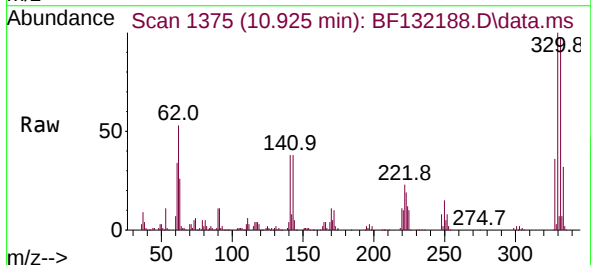
Tgt Ion: 237 Resp: 183376
Ion Ratio Lower Upper
237 100
235 62.8 42.8 82.8
272 12.7 0.0 32.5

Manual Integrations
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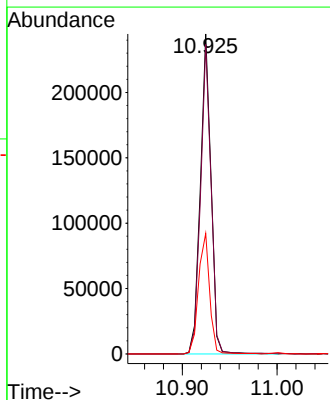
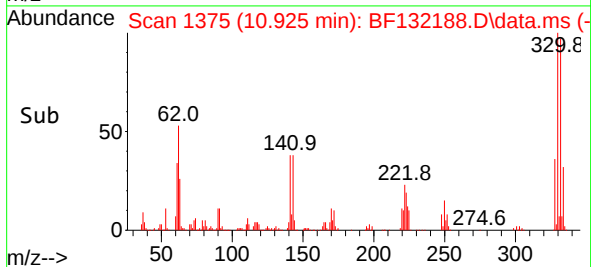
Reviewed By : Christian Giraldo 01/25/2023
Supervised By : Jagrut Upadhyay 01/25/2023

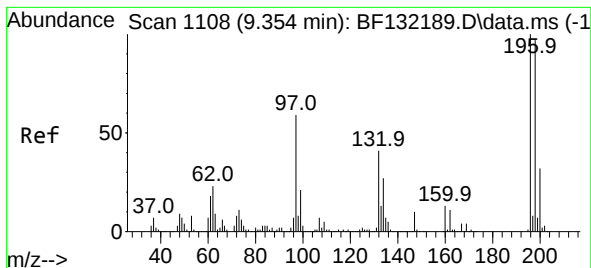


#42
2,4,6-Tribromophenol
Concen: 38.132 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



Tgt Ion: 330 Resp: 190545
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 39.3 30.5 45.7





#43

2,4,6-Trichlorophenol

Concen: 20.455 ng

RT: 9.354 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF132188.D

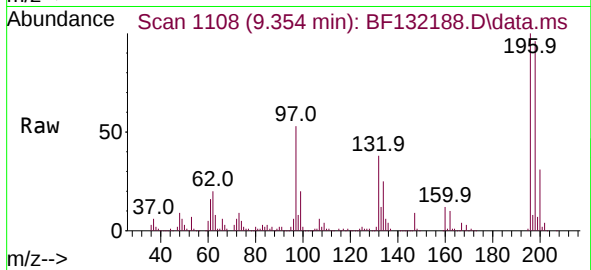
Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 223440

Ion Ratio Lower Upper

196 100

198 96.3 77.4 116.2

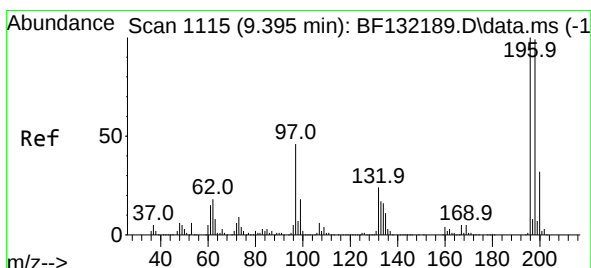
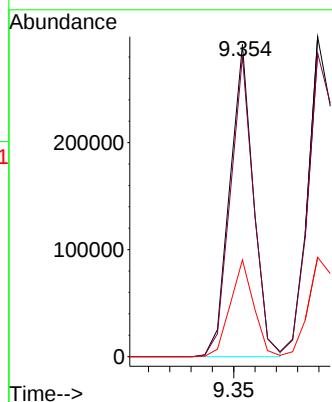
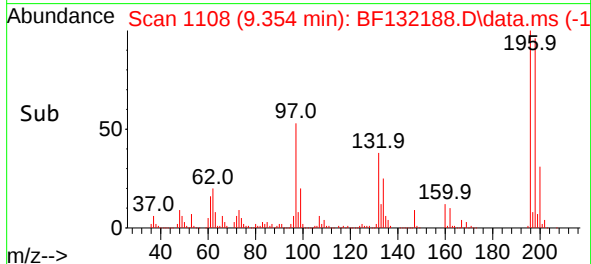
200 31.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#44

2,4,5-Trichlorophenol

Concen: 20.559 ng

RT: 9.389 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

Tgt Ion:196 Resp: 263128

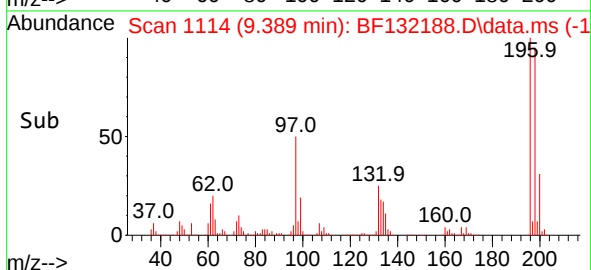
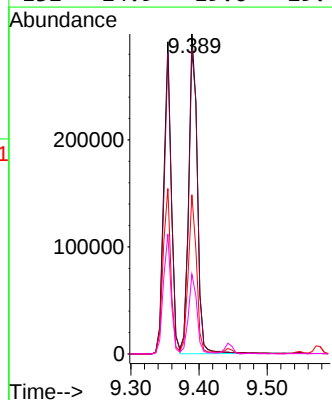
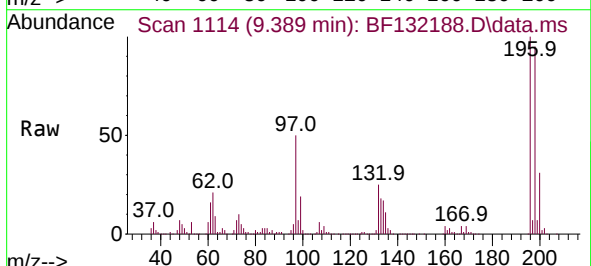
Ion Ratio Lower Upper

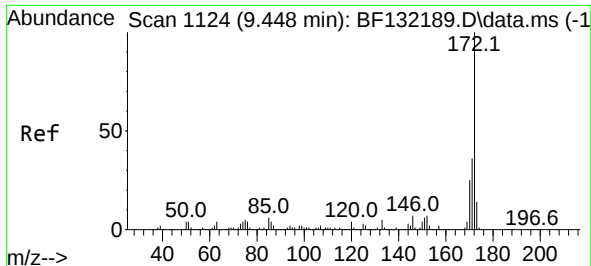
196 100

198 94.8 79.2 118.8

97 49.7 37.0 55.4

132 24.9 19.6 29.4





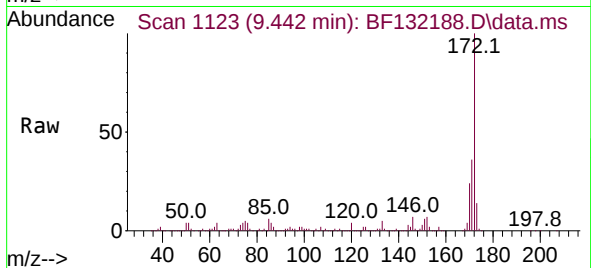
#45
2-Fluorobiphenyl
Concen: 43.061 ng
RT: 9.442 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

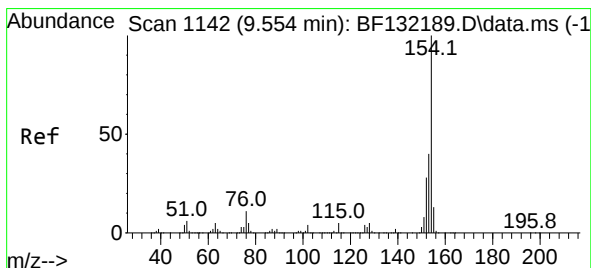
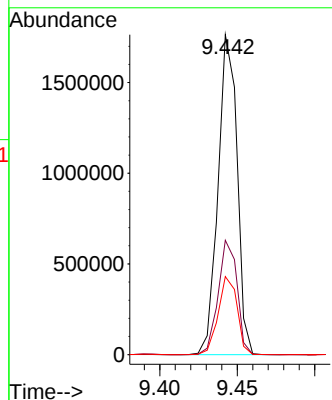
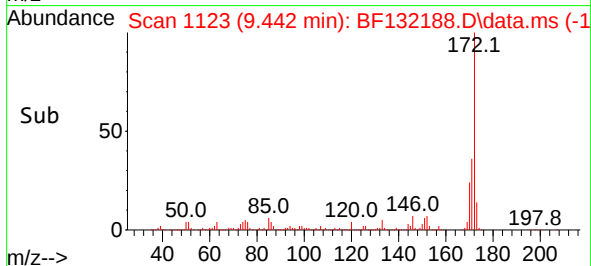


Tgt Ion:172 Resp: 1512349
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 24.4 19.8 29.8

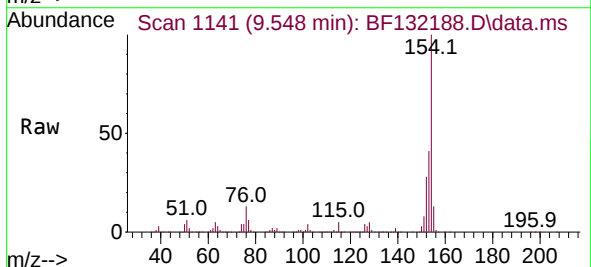
Manual Integrations

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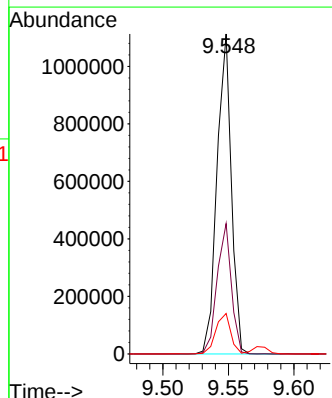
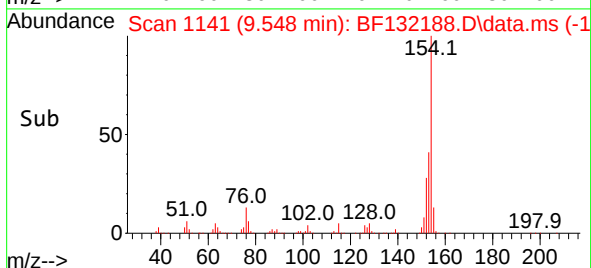
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

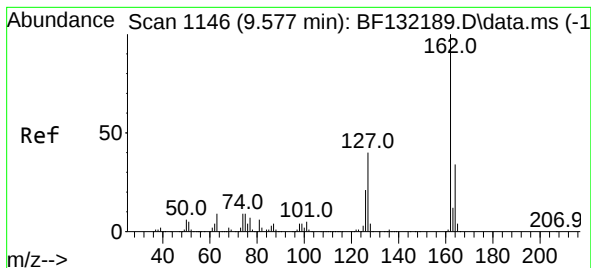


#46
1,1'-Biphenyl
Concen: 21.281 ng
RT: 9.548 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



Tgt Ion:154 Resp: 849910
Ion Ratio Lower Upper
154 100
153 40.7 20.1 60.1
76 12.7 0.0 30.9





#47

2-Chloronaphthalene

Concen: 20.957 ng

RT: 9.578 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 651878

Ion Ratio Lower Upper

162 100

127 36.7 32.0 48.0

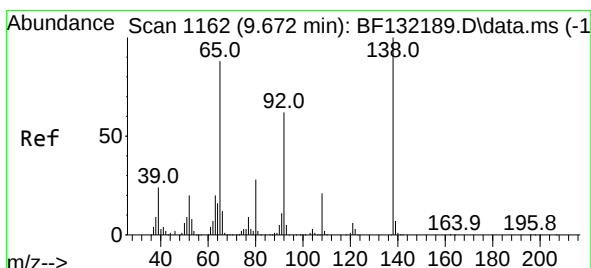
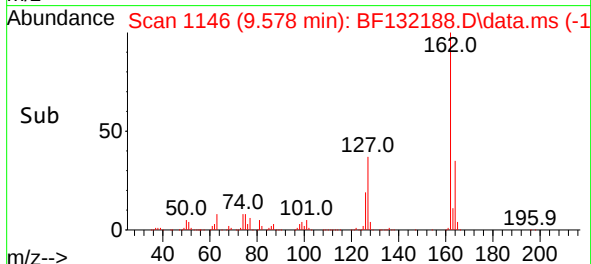
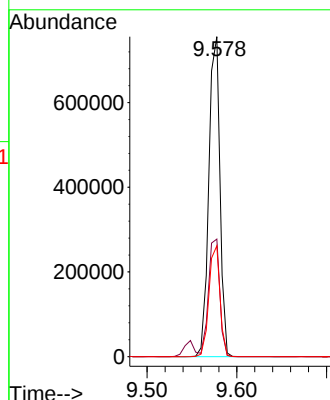
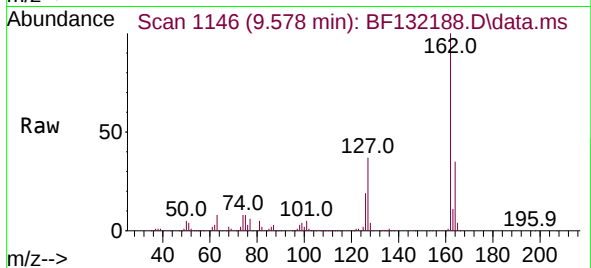
164 34.6 27.4 41.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#48

2-Nitroaniline

Concen: 20.795 ng

RT: 9.666 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

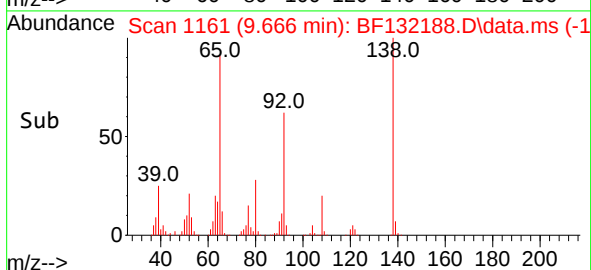
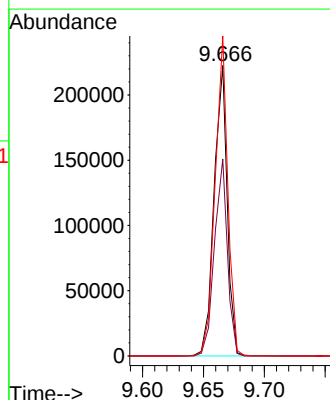
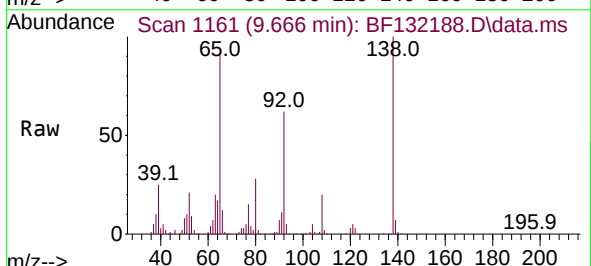
Tgt Ion: 65 Resp: 166711

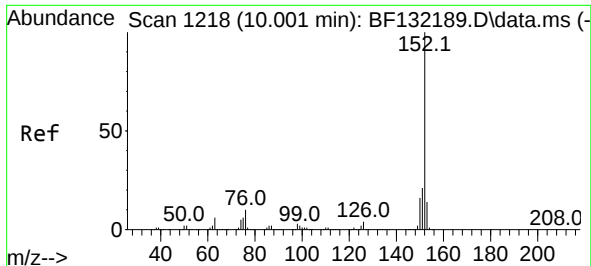
Ion Ratio Lower Upper

65 100

92 67.8 56.2 84.2

138 110.2 90.8 136.2





#49

Acenaphthylene

Concen: 21.185 ng

RT: 9.995 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 1005866

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

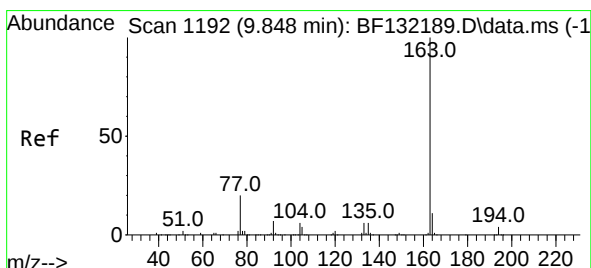
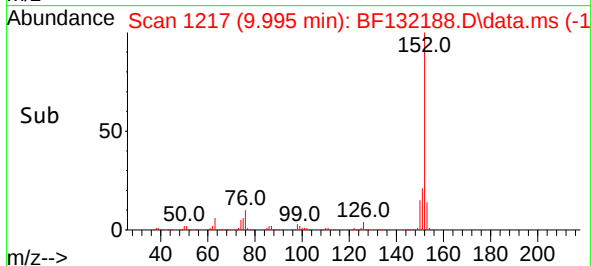
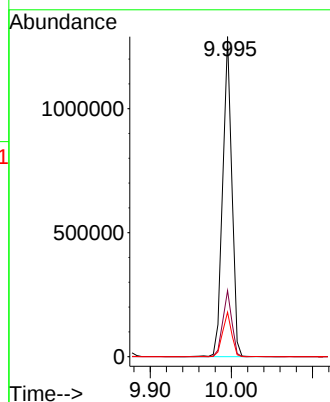
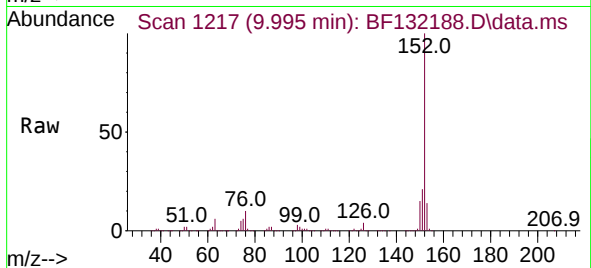
153 13.9 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#50

Dimethylphthalate

Concen: 21.004 ng

RT: 9.842 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

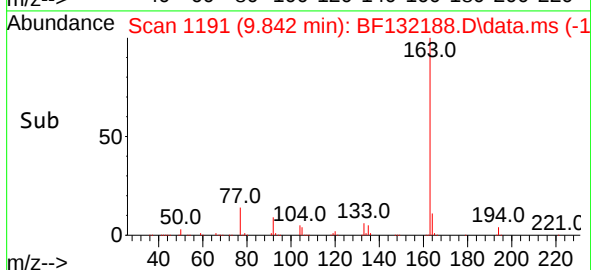
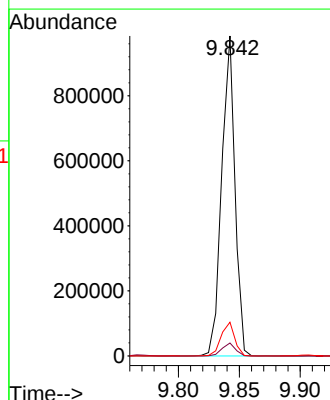
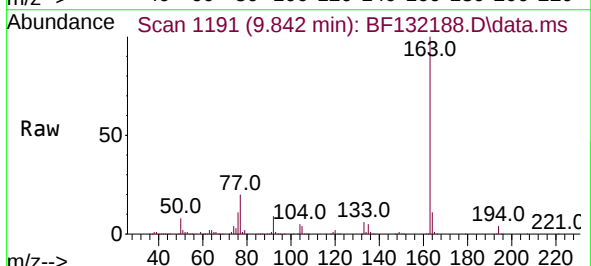
Tgt Ion:163 Resp: 745559

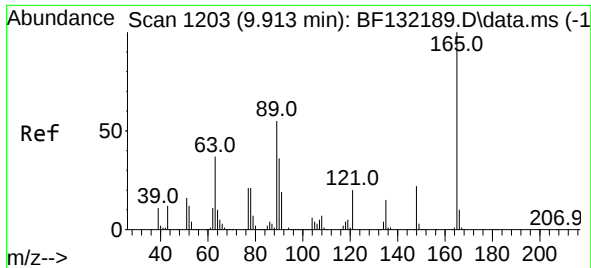
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 10.5 8.6 13.0





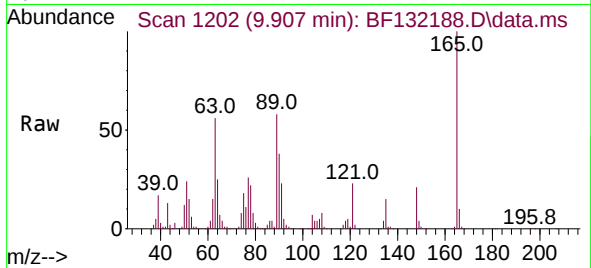
#51
2,6-Dinitrotoluene
Concen: 20.415 ng
RT: 9.907 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

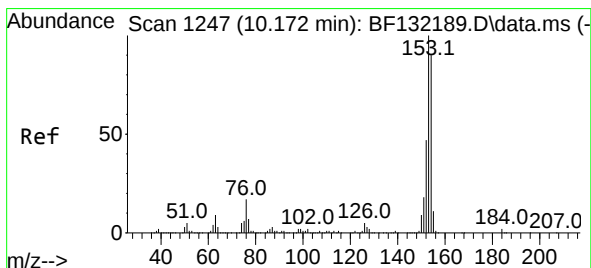
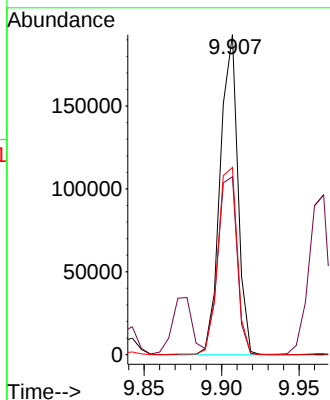
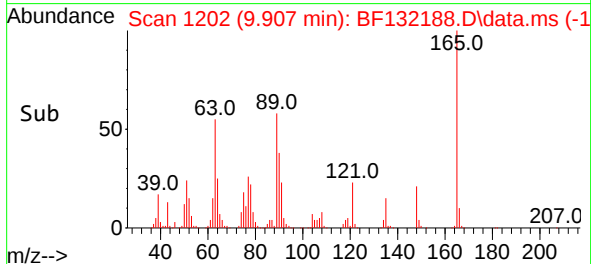
SSTDICC020



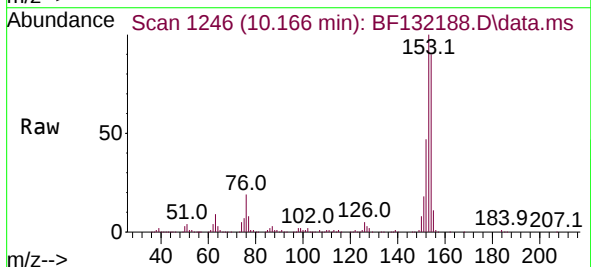
Tgt Ion:165 Resp: 153558
Ion Ratio Lower Upper
165 100
63 55.6 42.4 63.6
89 58.5 44.2 66.4

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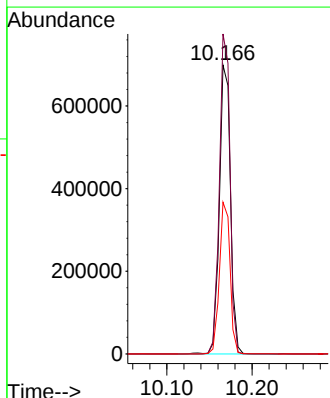
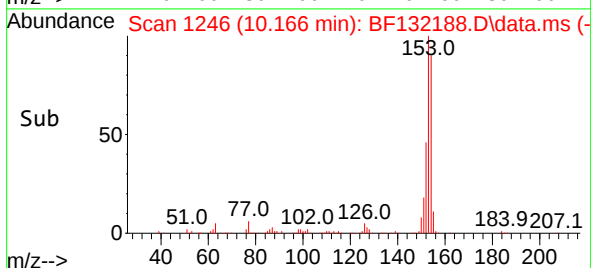
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

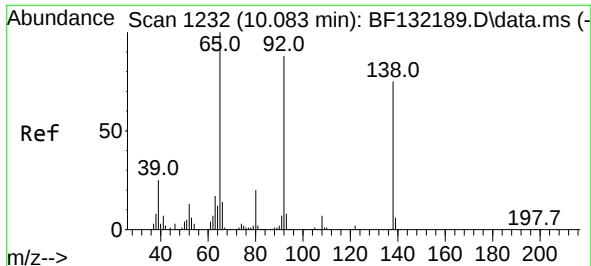


#52
Acenaphthene
Concen: 21.017 ng
RT: 10.166 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



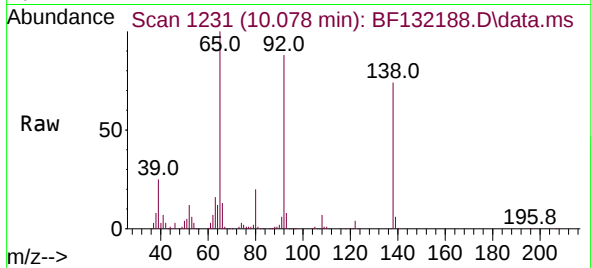
Tgt Ion:154 Resp: 629361
Ion Ratio Lower Upper
154 100
153 110.8 88.7 133.1
152 52.5 41.7 62.5





#53
3-Nitroaniline
Concen: 20.781 ng
RT: 10.078 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

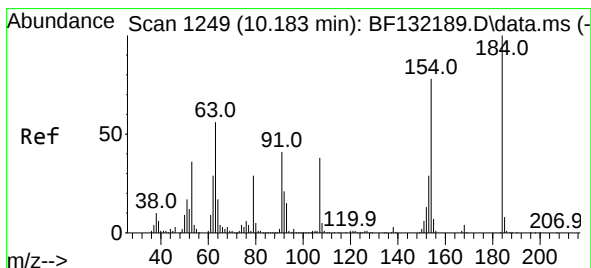
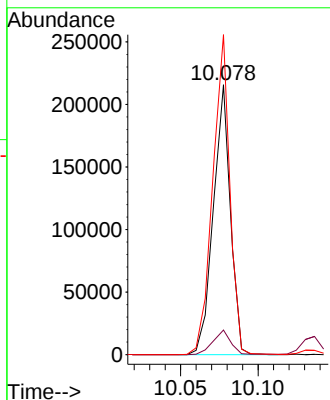
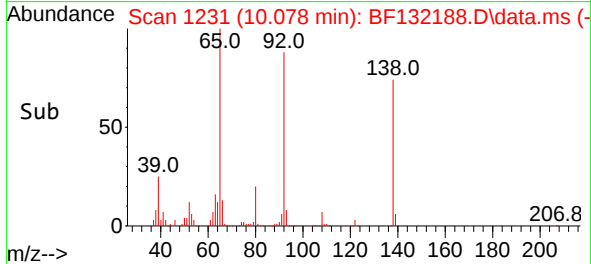
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 165213
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.2
92 118.6 94.5 141.7

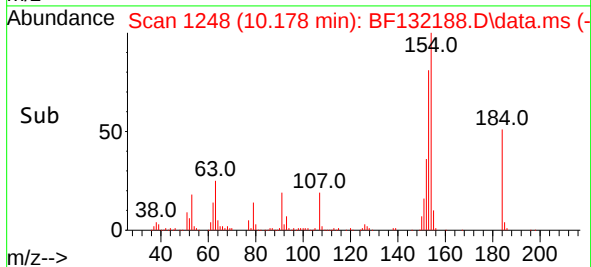
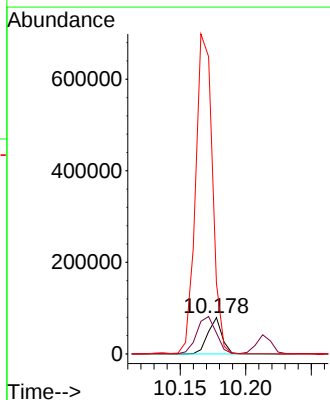
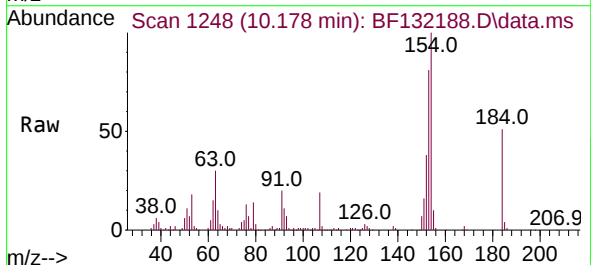
Manual Integrations
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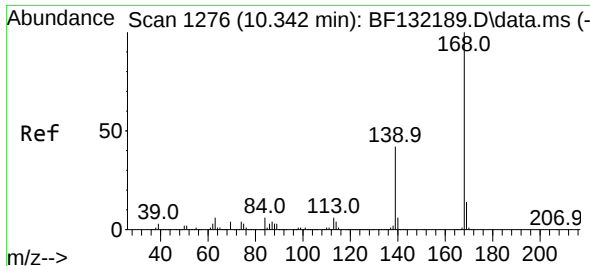
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#54
2,4-Dinitrophenol
Concen: 17.174 ng
RT: 10.178 min Scan# 1248
Delta R.T. -0.005 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

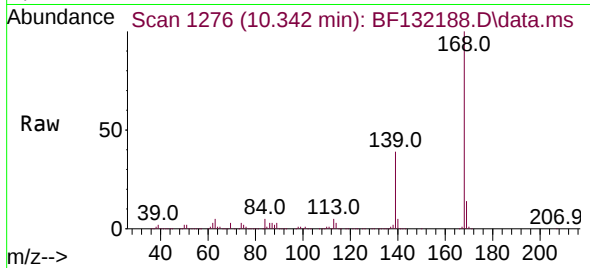
Tgt Ion:184 Resp: 58982
Ion Ratio Lower Upper
184 100
63 57.6 45.8 68.8
154 194.2 69.0 103.6#





#55
Dibenzofuran
Concen: 21.183 ng
RT: 10.342 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

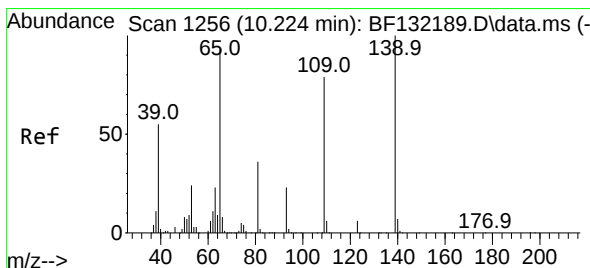
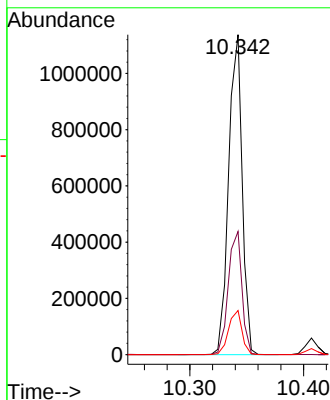
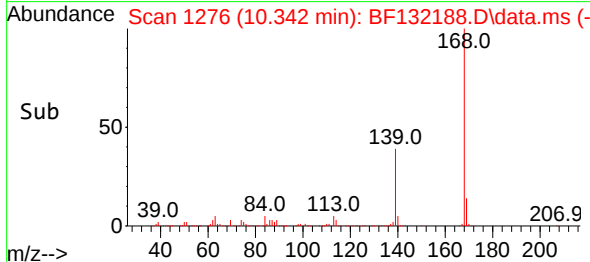
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



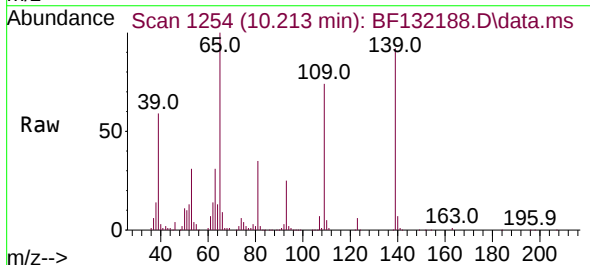
Tgt Ion:168 Resp: 943920
Ion Ratio Lower Upper
168 100
139 38.5 33.4 50.2
169 13.8 11.4 17.0

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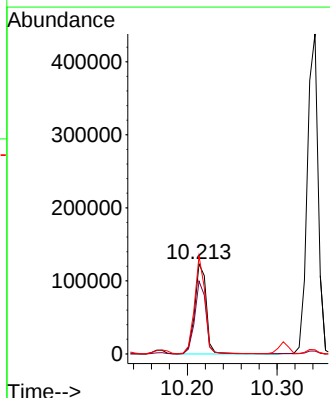
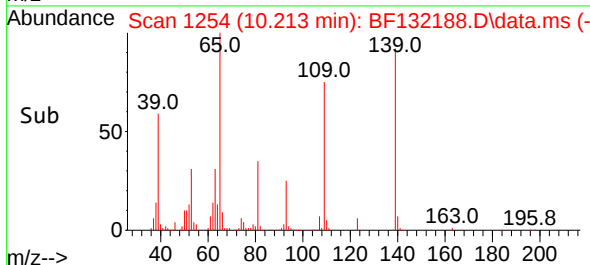
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

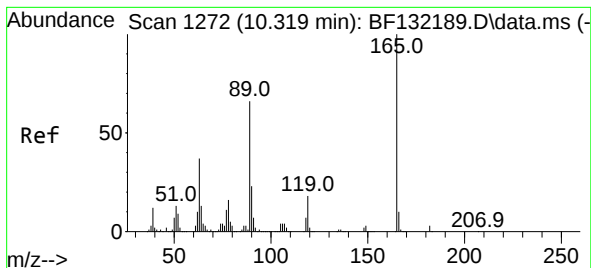


#56
4-Nitrophenol
Concen: 19.841 ng
RT: 10.213 min Scan# 1254
Delta R.T. -0.011 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



Tgt Ion:139 Resp: 109319
Ion Ratio Lower Upper
139 100
109 80.9 59.5 99.5
65 108.8 74.0 114.0





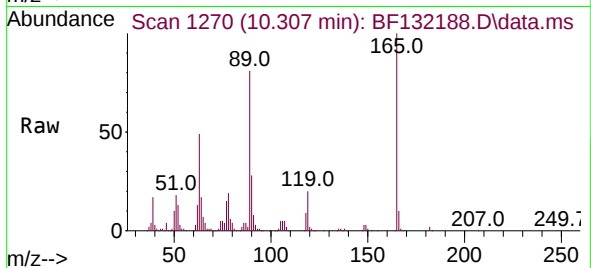
#57
2,4-Dinitrotoluene
Concen: 20.219 ng
RT: 10.307 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

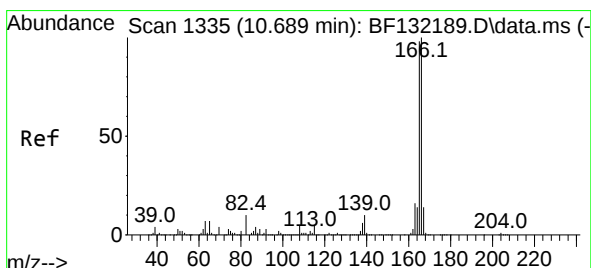
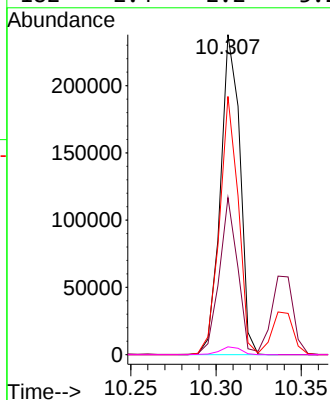
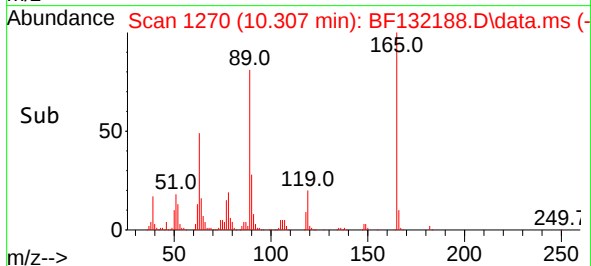


Tgt Ion:165 Resp: 18934
Ion Ratio Lower Upper
165 100
63 49.1 29.8 44.8
89 80.7 53.0 79.4
182 2.4 2.2 3.2

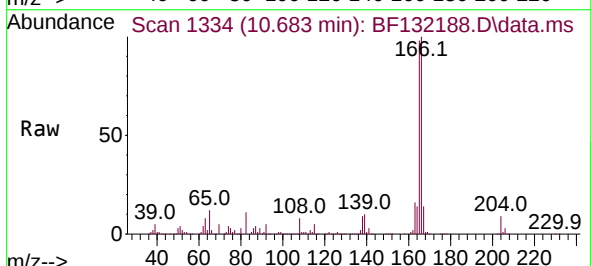
Manual Integrations

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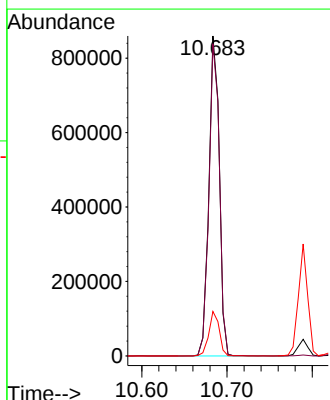
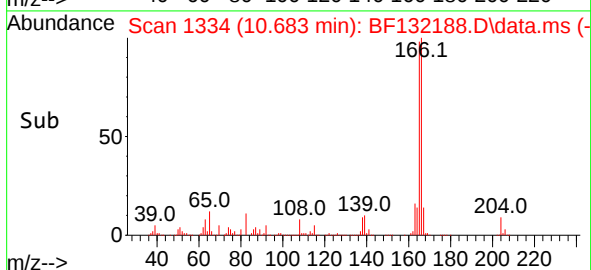
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

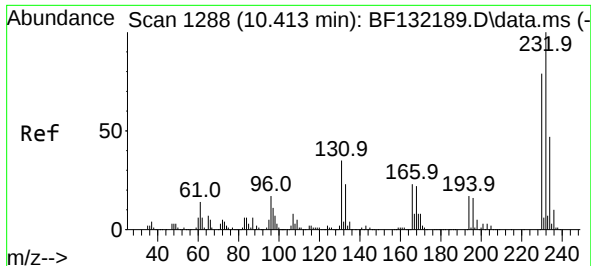


#58
Fluorene
Concen: 21.218 ng
RT: 10.683 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



Tgt Ion:166 Resp: 730421
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.9 11.1 16.7





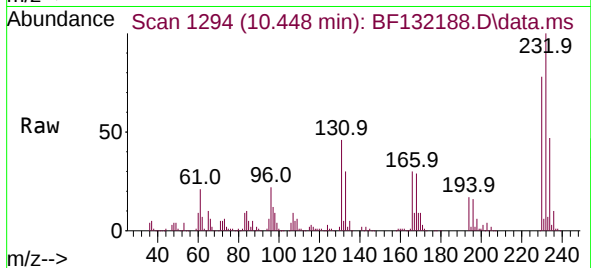
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.321 ng
RT: 10.448 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

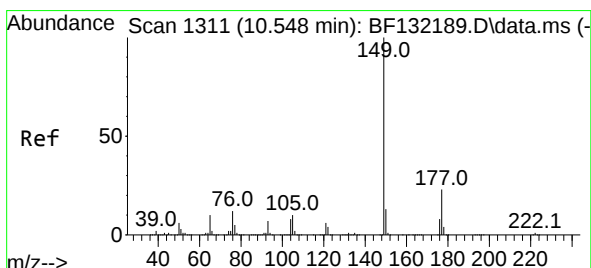
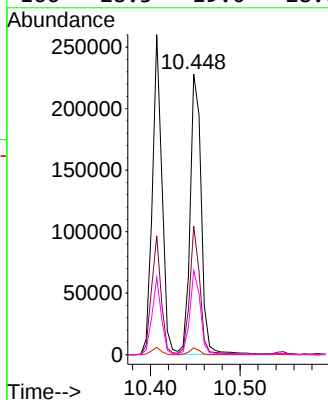
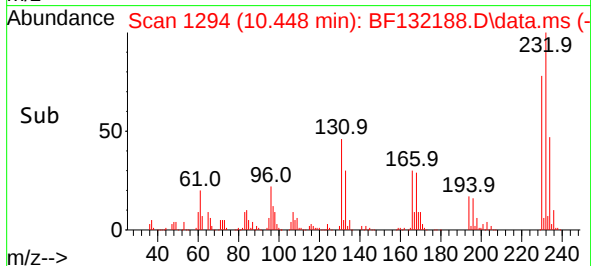


Tgt Ion:232 Resp: 194386
Ion Ratio Lower Upper
232 100
131 41.9 30.3 45.5
130 2.1 1.8 2.6
166 28.3 19.0 28.6

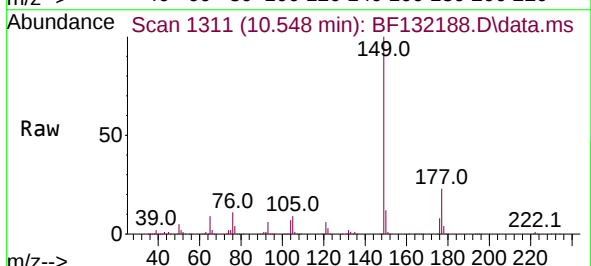
Manual Integrations

APPROVED

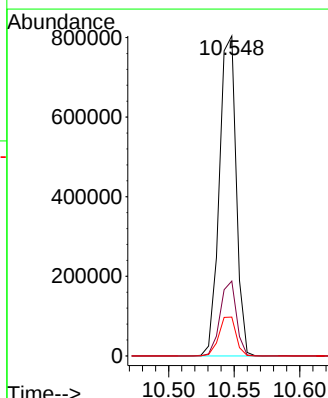
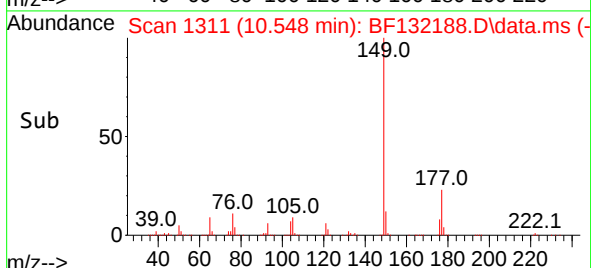
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

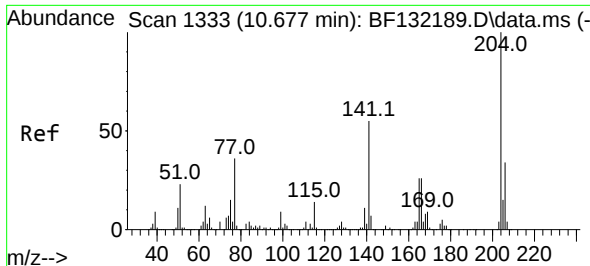


#60
Diethylphthalate
Concen: 21.214 ng
RT: 10.548 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



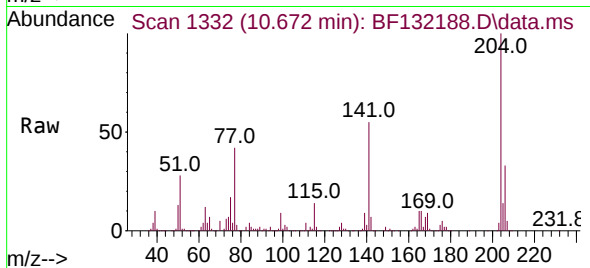
Tgt Ion:149 Resp: 721179
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.2 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 21.130 ng
RT: 10.672 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

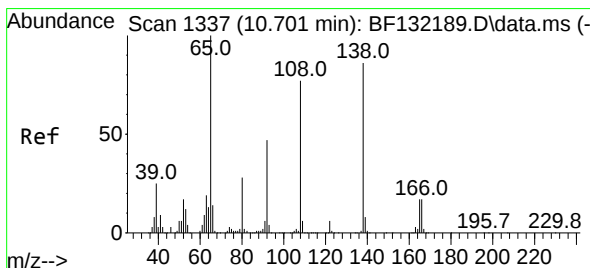
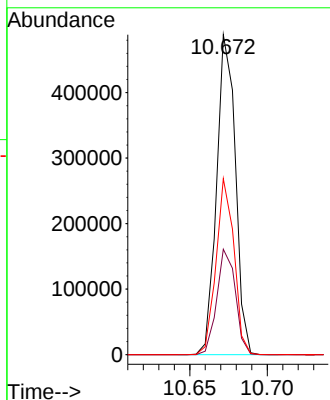
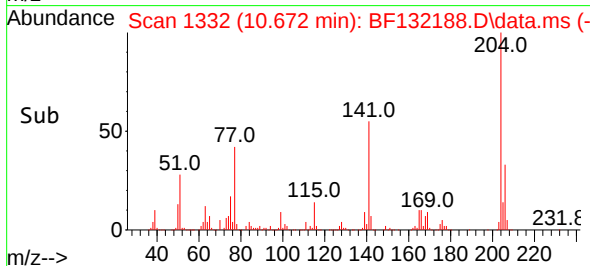
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



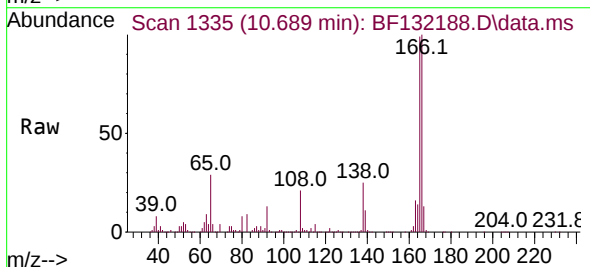
Tgt Ion:204 Resp: 411574
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 55.0 43.6 65.4

Manual Integrations
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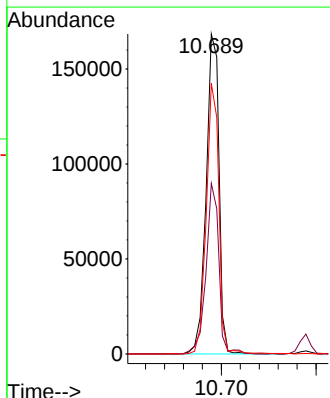
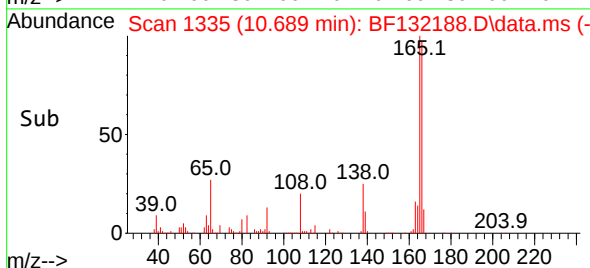
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

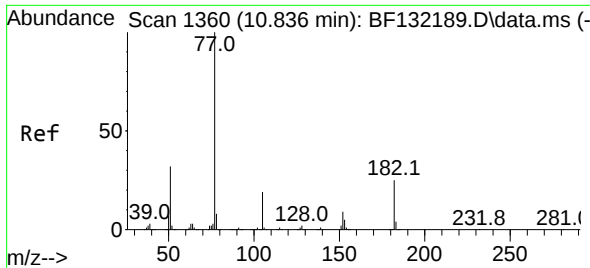


#62
4-Nitroaniline
Concen: 20.767 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



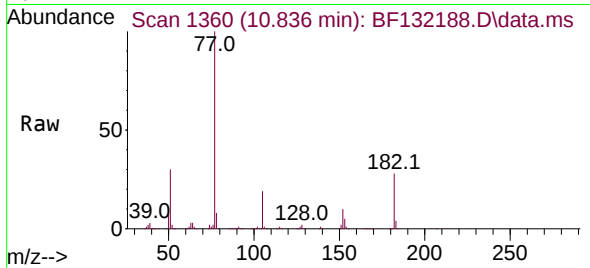
Tgt Ion:138 Resp: 159262
Ion Ratio Lower Upper
138 100
92 53.3 34.3 74.3
108 84.5 69.6 109.6





#63
Azobenzene
Concen: 21.421 ng
RT: 10.836 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

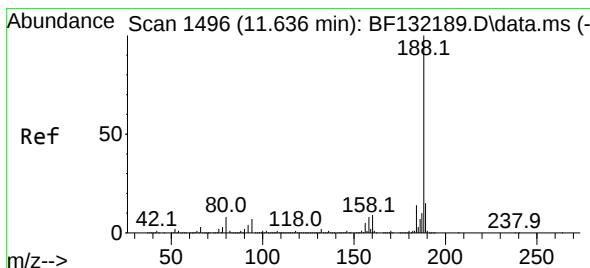
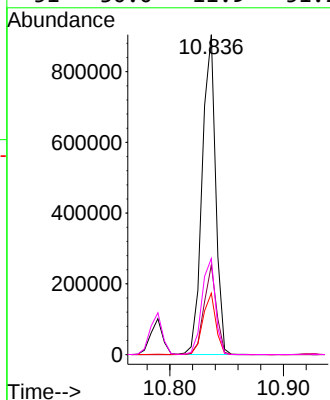
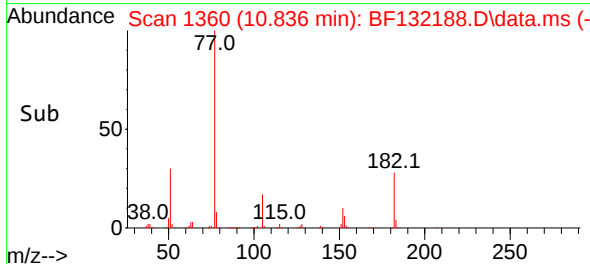
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



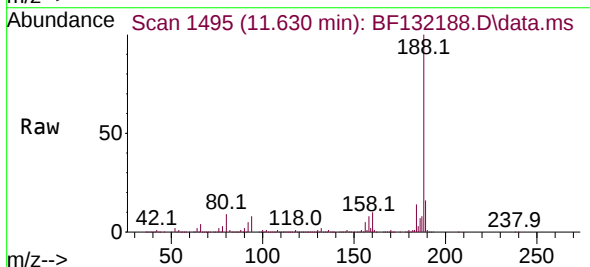
Tgt Ion: 77 Resp: 74425
Ion Ratio Lower Upper
77 100
182 28.0 5.1 45.1
105 19.2 0.0 38.7
51 30.0 11.9 51.9

Manual Integrations
APPROVED

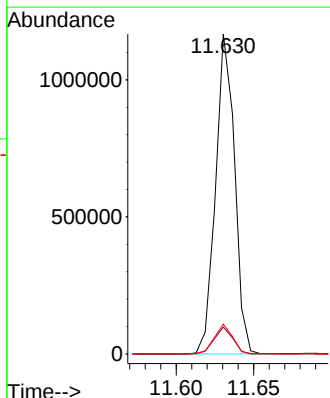
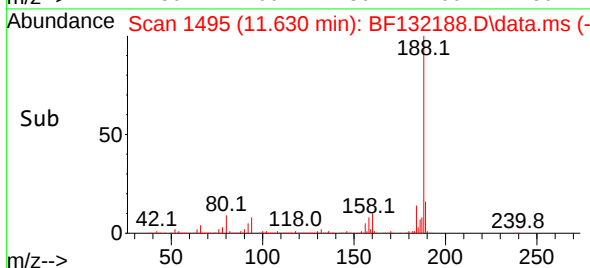
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

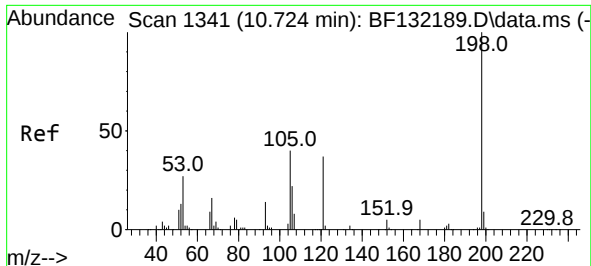


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



Tgt Ion:188 Resp: 999902
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.6
80 9.3 6.3 9.5





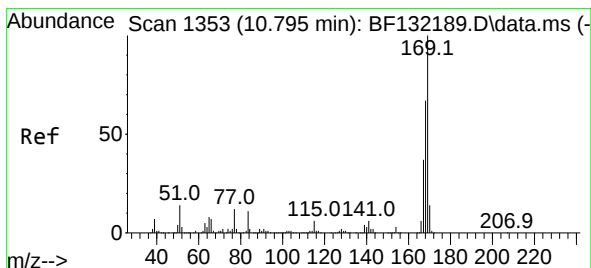
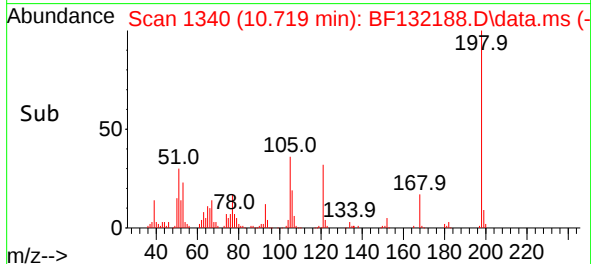
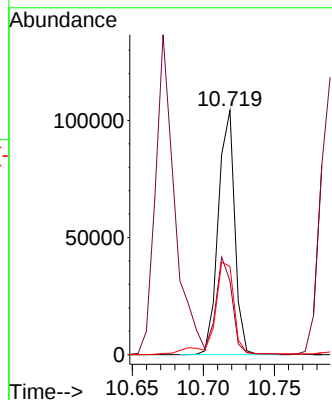
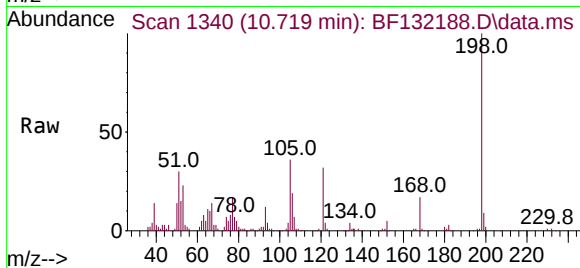
#65
4,6-Dinitro-2-methylphenol
Concen: 17.440 ng
RT: 10.719 min Scan# 1340
Delta R.T. -0.005 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 8420
Ion Ratio Lower Upper
198 100
51 30.2 18.6 58.6
105 36.2 19.9 59.9

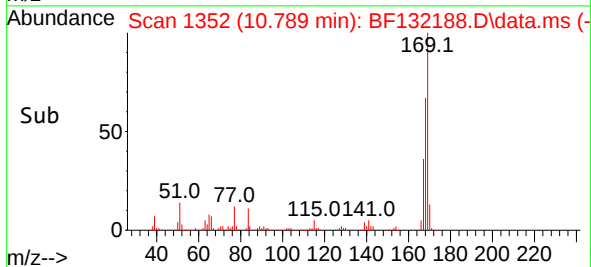
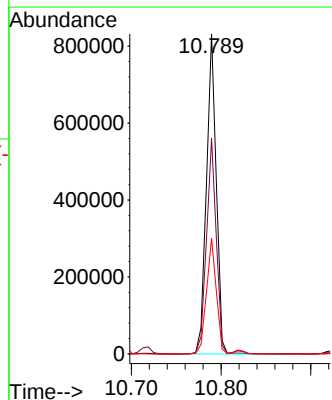
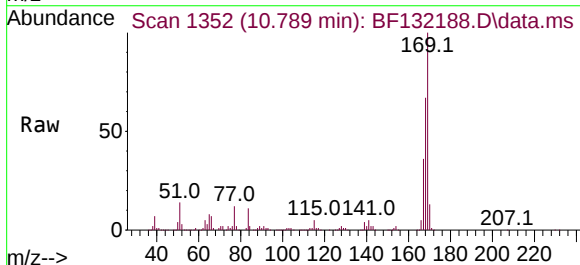
Manual Integrations
APPROVED

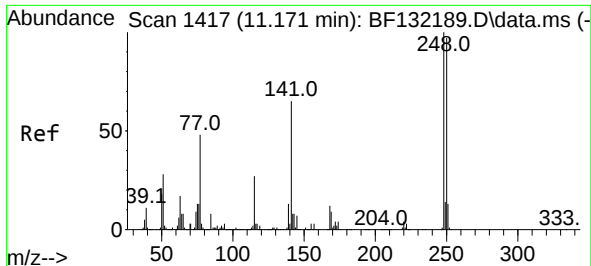
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#66
n-Nitrosodiphenylamine
Concen: 21.114 ng
RT: 10.789 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

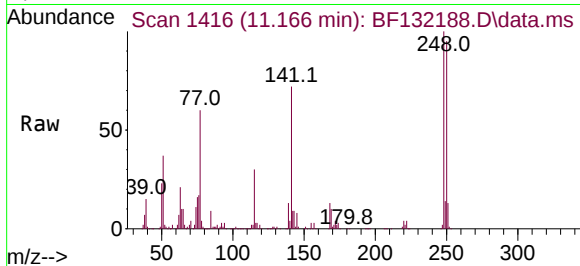
Tgt Ion:169 Resp: 628690
Ion Ratio Lower Upper
169 100
168 67.3 53.6 80.4
167 36.2 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 20.256 ng
RT: 11.166 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

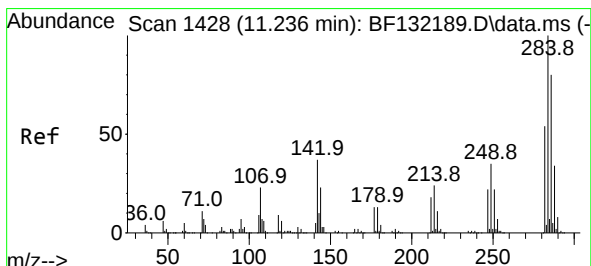
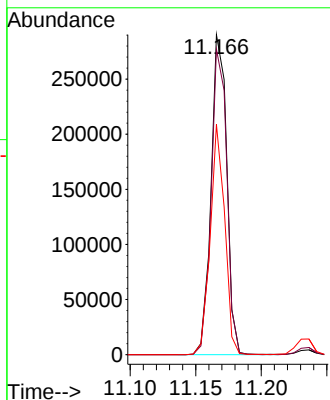
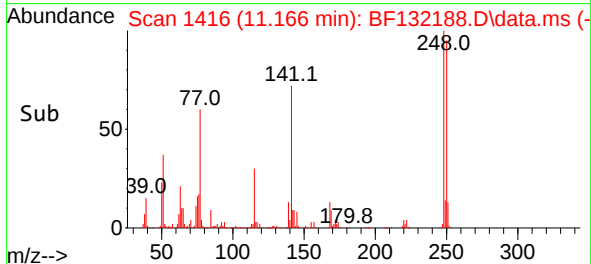
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



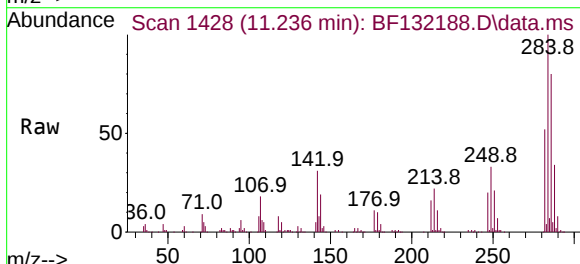
Tgt Ion:248 Resp: 242106
Ion Ratio Lower Upper
248 100
250 95.4 77.8 116.6
141 71.9 52.3 78.5

Manual Integrations
APPROVED

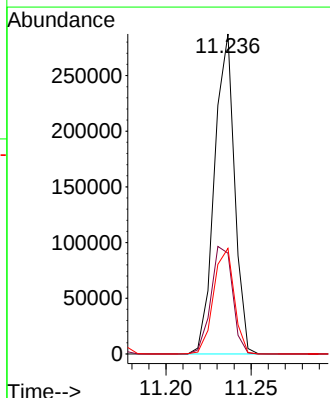
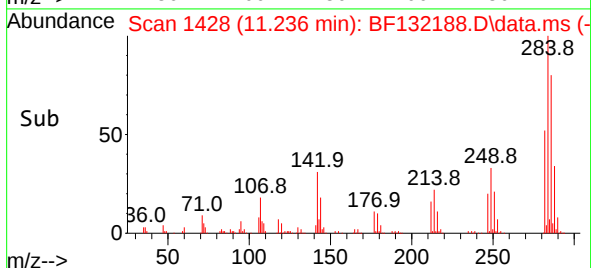
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

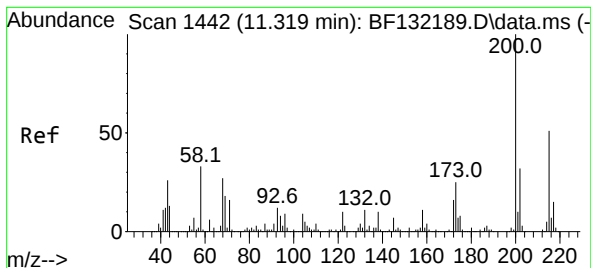


#68
Hexachlorobenzene
Concen: 20.020 ng
RT: 11.236 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



Tgt Ion:284 Resp: 235022
Ion Ratio Lower Upper
284 100
142 31.5 29.4 44.2
249 33.0 28.1 42.1





#69

Atrazine

Concen: 21.185 ng

RT: 11.313 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 198602

Ion Ratio Lower Upper

200 100

173 24.3 5.1 45.1

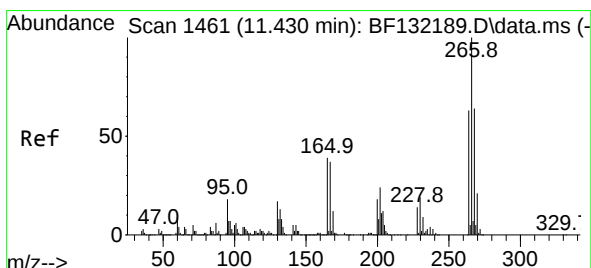
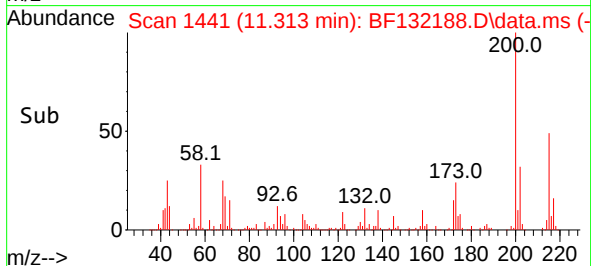
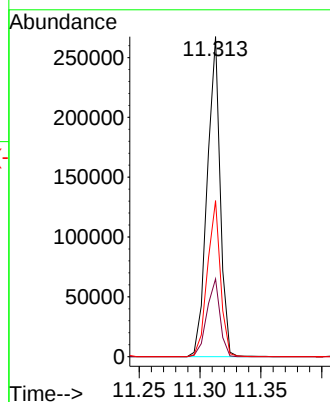
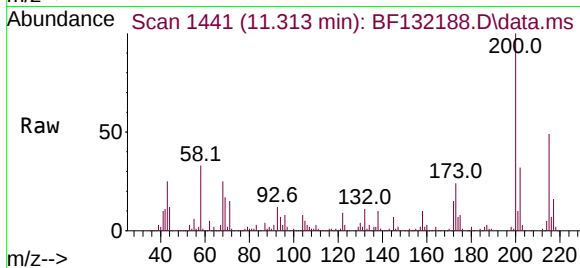
215 48.7 30.9 70.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#70

Pentachlorophenol

Concen: 18.391 ng

RT: 11.425 min Scan# 1460

Delta R.T. -0.005 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

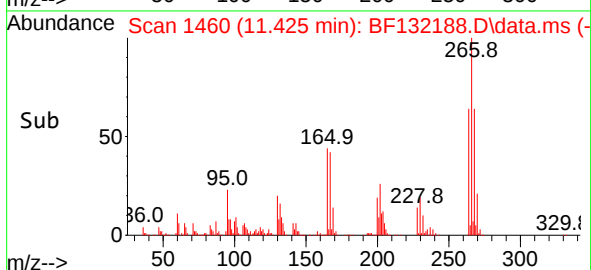
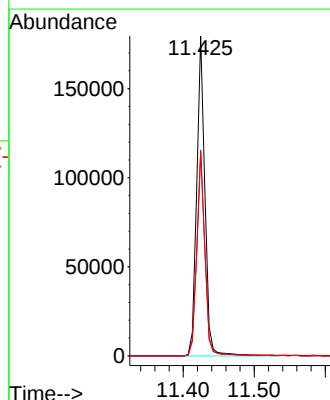
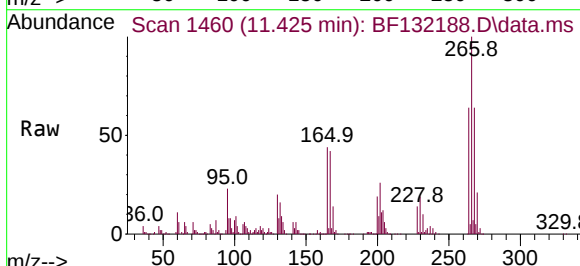
Tgt Ion:266 Resp: 144334

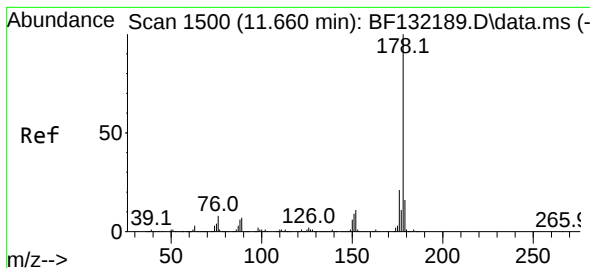
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

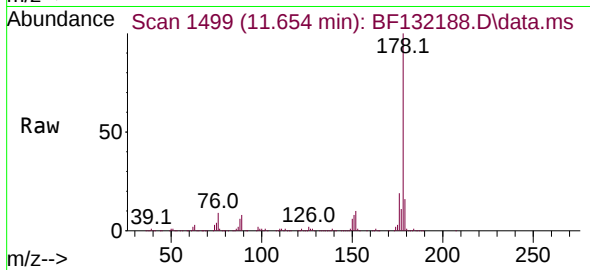
264 64.4 50.1 75.1





#71
Phenanthrene
Concen: 21.304 ng
RT: 11.654 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

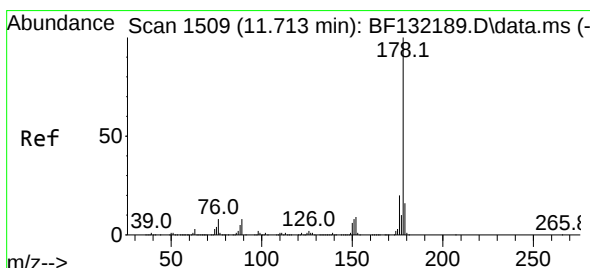
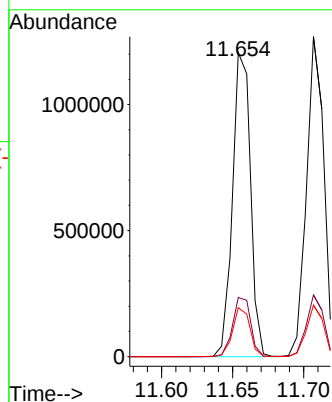
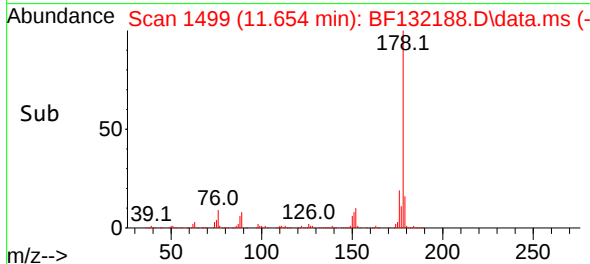
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



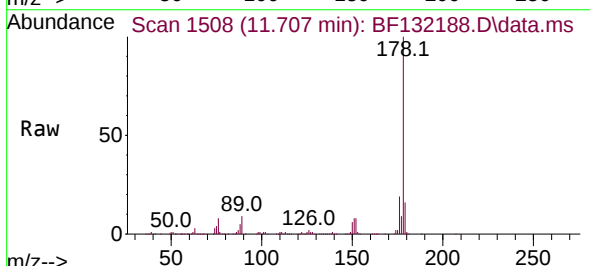
Tgt Ion:178 Resp: 1058389
Ion Ratio Lower Upper
178 100
176 19.4 16.6 24.8
179 16.1 13.0 19.4

Manual Integrations
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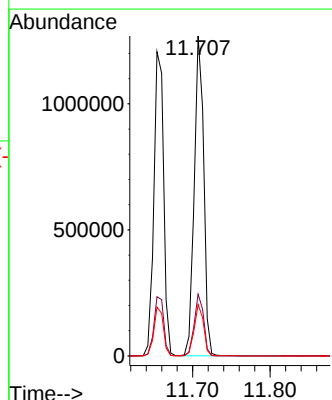
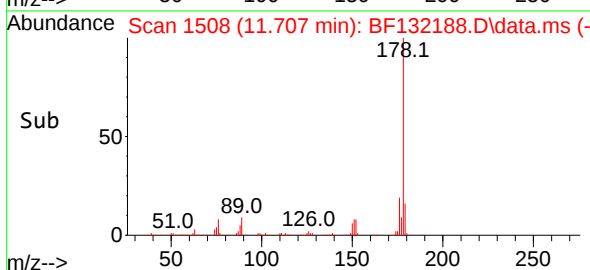
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

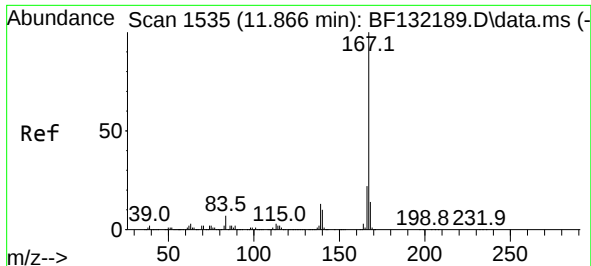


#72
Anthracene
Concen: 21.404 ng
RT: 11.707 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



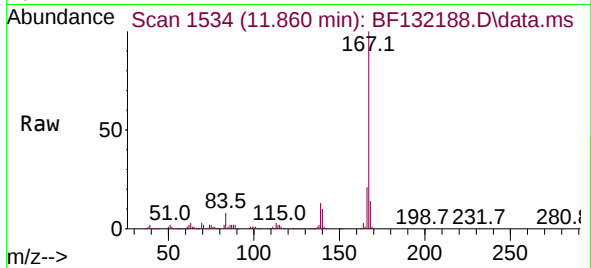
Tgt Ion:178 Resp: 1078323
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 16.1 13.0 19.6





#73
 Carbazole
 Concen: 21.351 ng
 RT: 11.860 min Scan# 1535
 Delta R.T. -0.006 min
 Lab File: BF132188.D
 Acq: 24 Jan 2023 11:32

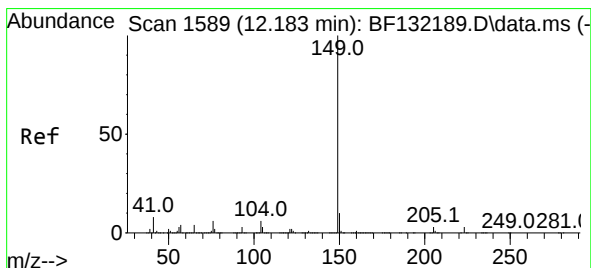
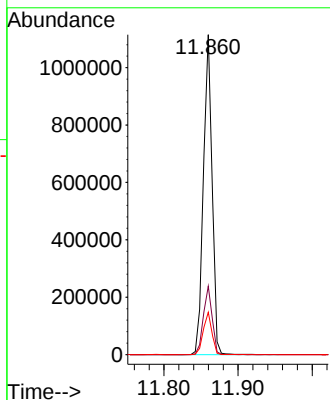
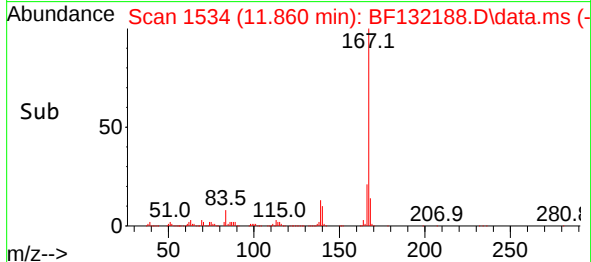
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



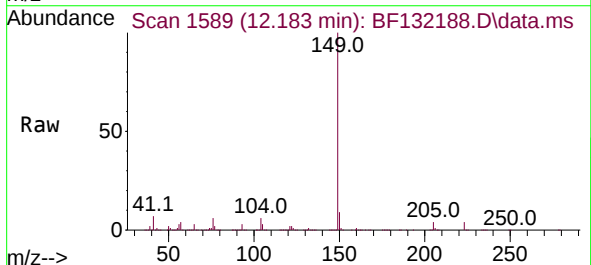
Tgt Ion:167 Resp: 906572
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 13.2 10.7 16.1

Manual Integrations
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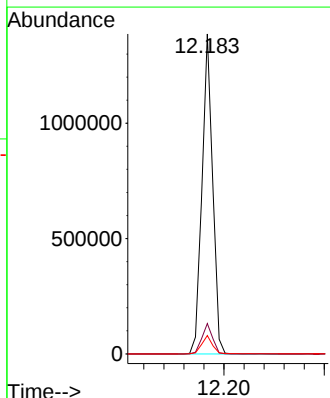
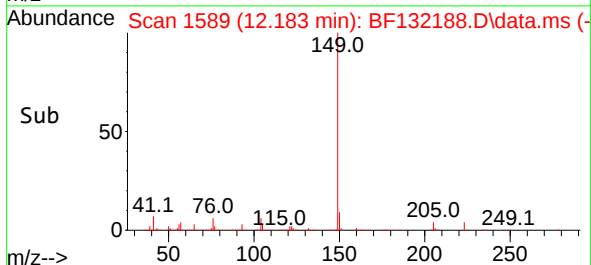
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

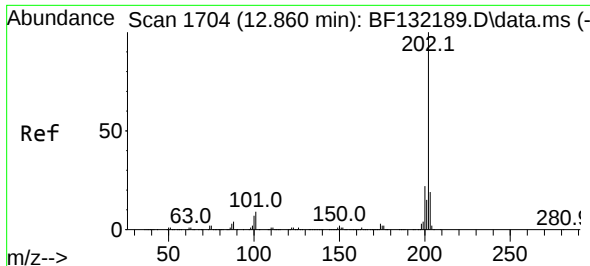


#74
 Di-n-butylphthalate
 Concen: 21.517 ng
 RT: 12.183 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BF132188.D
 Acq: 24 Jan 2023 11:32



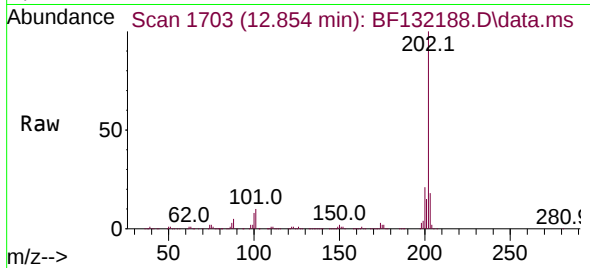
Tgt Ion:149 Resp: 1016678
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.9 11.9
 104 5.7 4.8 7.2





#75
Fluoranthene
Concen: 21.725 ng
RT: 12.854 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

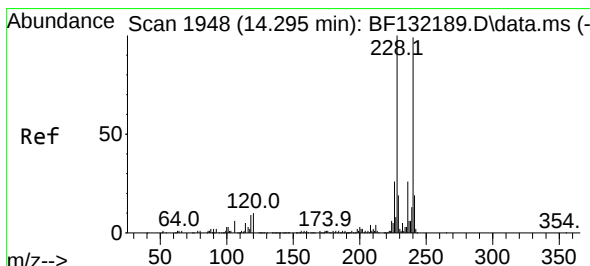
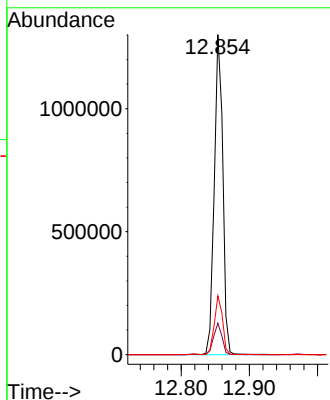
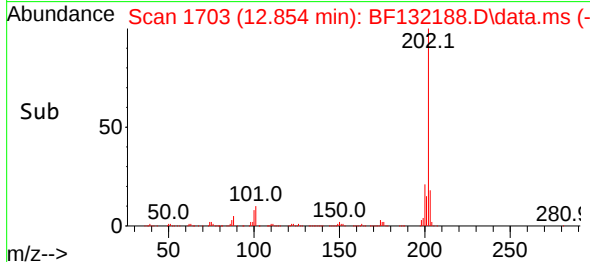
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 1128826
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.2
203 18.4 0.0 38.8

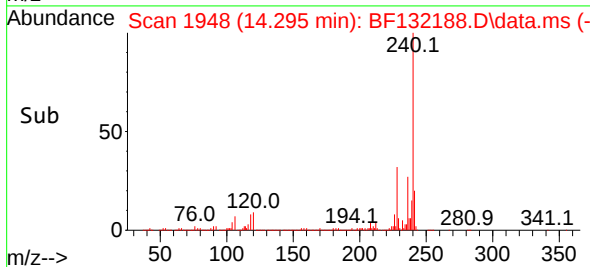
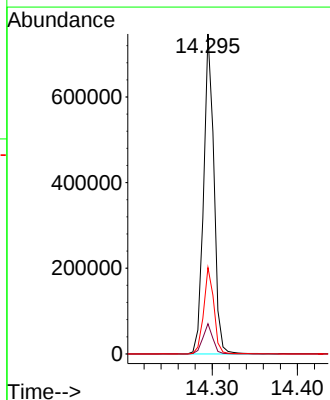
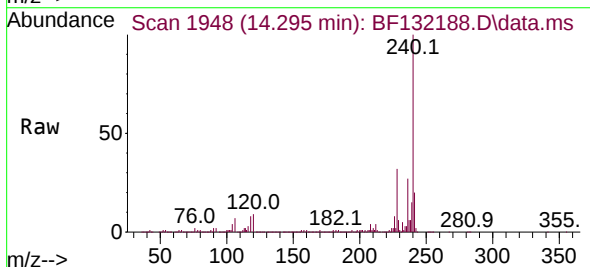
Manual Integrations
APPROVED

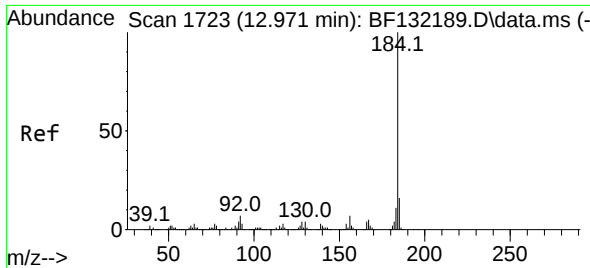
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.295 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

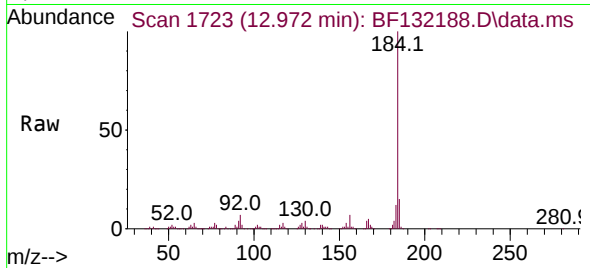
Tgt Ion:240 Resp: 627587
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 27.0 21.2 31.8





#77
Benzidine
Concen: 21.671 ng
RT: 12.972 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

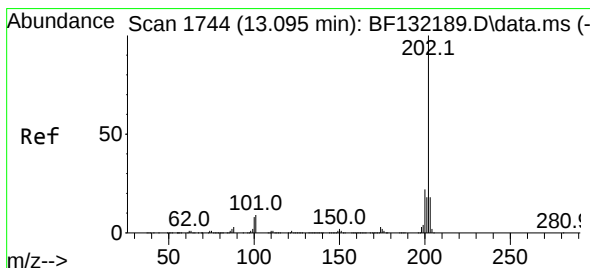
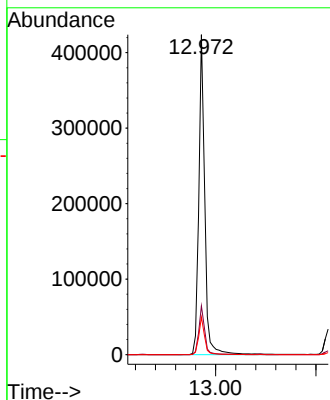
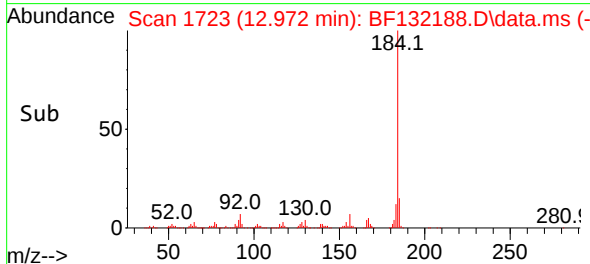
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



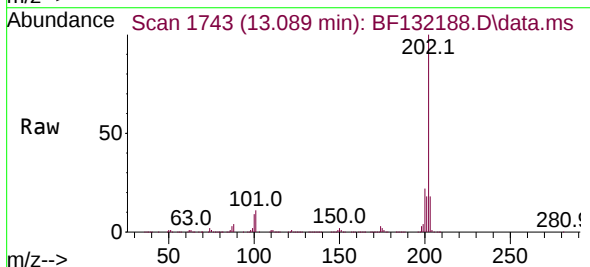
Tgt Ion:184 Resp: 346469
Ion Ratio Lower Upper
184 100
185 15.2 13.0 19.4
183 11.8 9.2 13.8

Manual Integrations
APPROVED

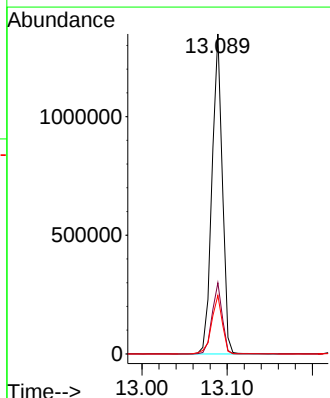
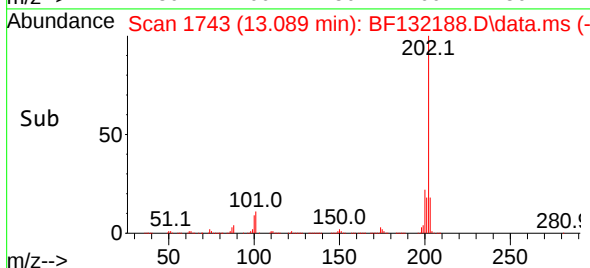
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

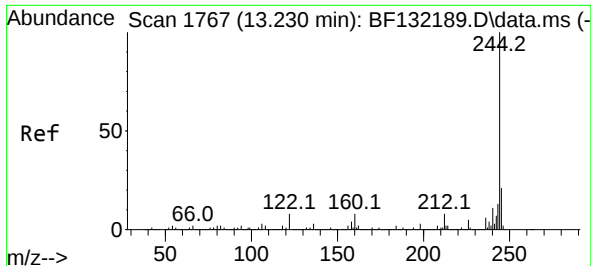


#78
Pyrene
Concen: 20.369 ng
RT: 13.089 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



Tgt Ion:202 Resp: 1135443
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 18.3 14.6 21.8





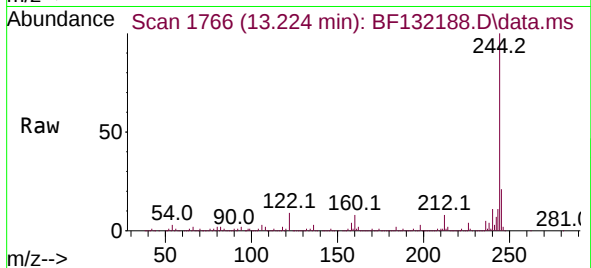
#79
 Terphenyl-d14
 Concen: 41.336 ng
 RT: 13.224 min Scan# 1766
 Delta R.T. -0.006 min
 Lab File: BF132188.D
 Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

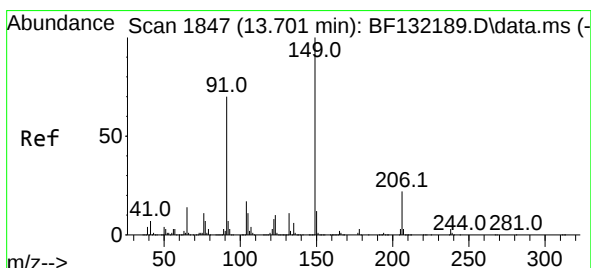
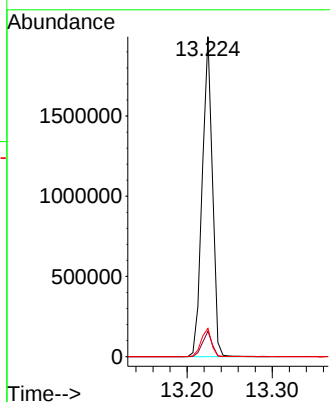
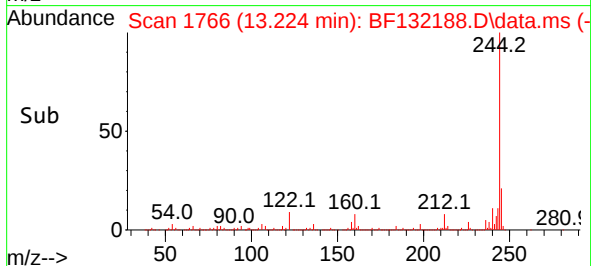


Tgt Ion:244 Resp: 1655572
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 10.0
 122 8.8 6.5 9.7

Manual Integrations

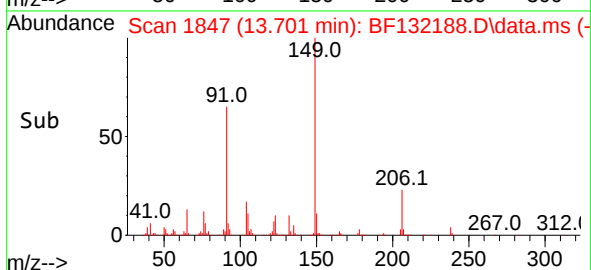
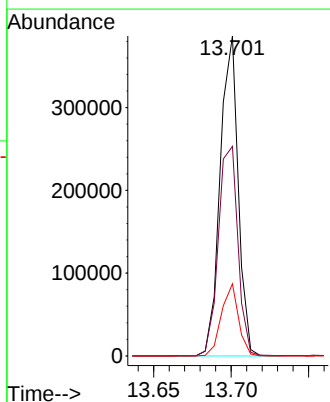
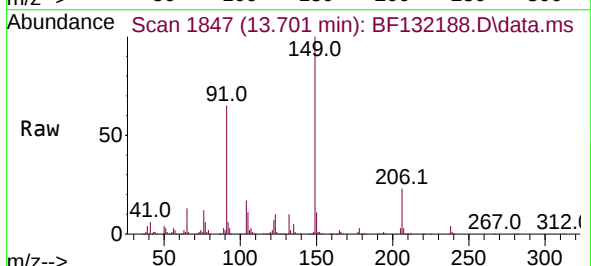
APPROVED

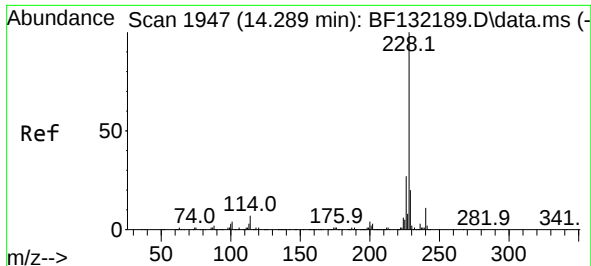
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023



#80
 Butylbenzylphthalate
 Concen: 19.238 ng
 RT: 13.701 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF132188.D
 Acq: 24 Jan 2023 11:32

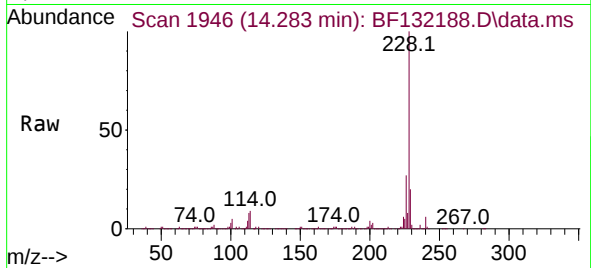
Tgt Ion:149 Resp: 313022
 Ion Ratio Lower Upper
 149 100
 91 65.5 56.3 84.5
 206 22.5 17.7 26.5





#81
Benzo(a)anthracene
Concen: 20.540 ng
RT: 14.283 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

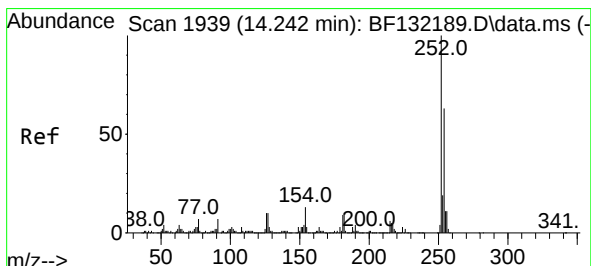
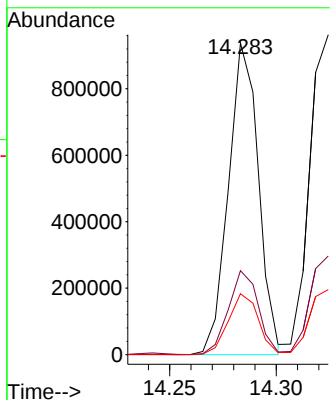
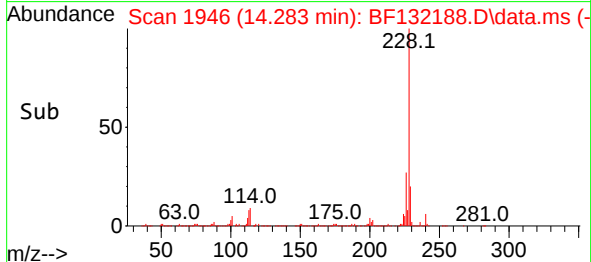
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



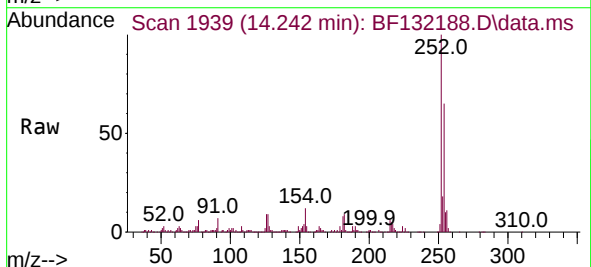
Tgt Ion:228 Resp: 917018
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.5 16.2 24.4

Manual Integrations
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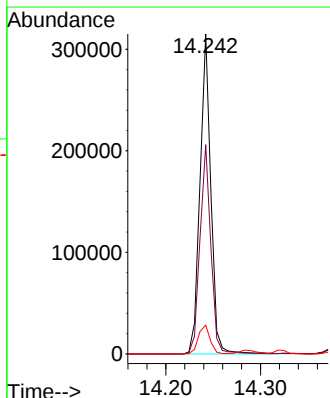
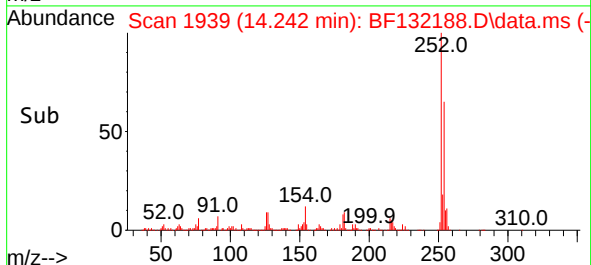
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

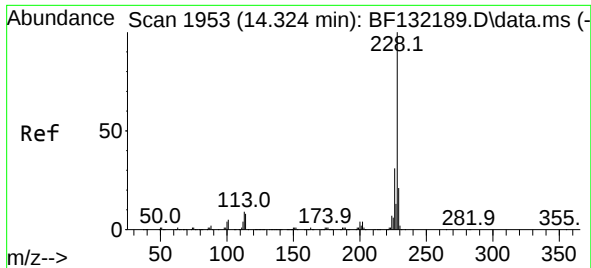


#82
3,3'-Dichlorobenzidine
Concen: 21.018 ng
RT: 14.242 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



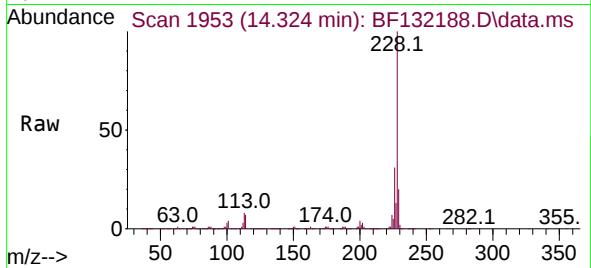
Tgt Ion:252 Resp: 250099
Ion Ratio Lower Upper
252 100
254 65.4 50.1 75.1
126 9.0 7.7 11.5





#83
Chrysene
Concen: 20.624 ng
RT: 14.324 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

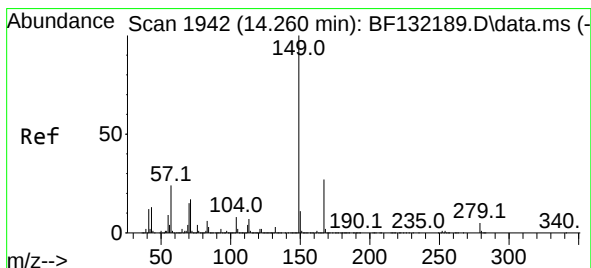
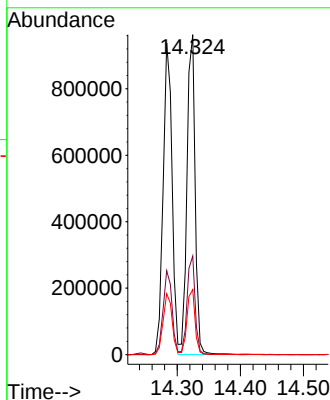
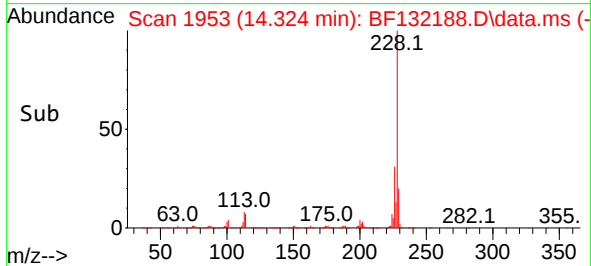
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



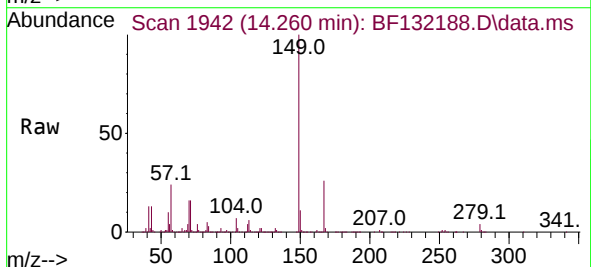
Tgt Ion:228 Resp: 859985
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 20.4 16.5 24.7

Manual Integrations
APPROVED

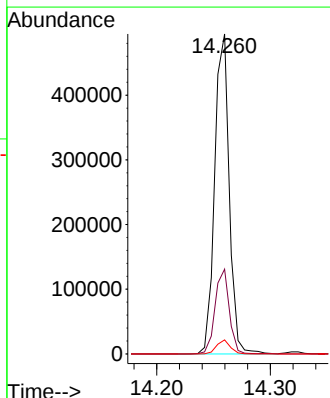
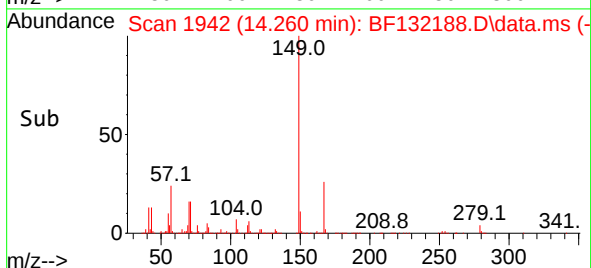
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

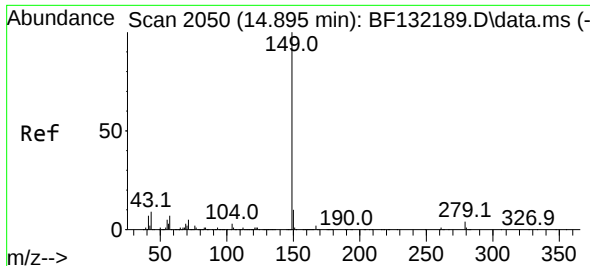


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.946 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32



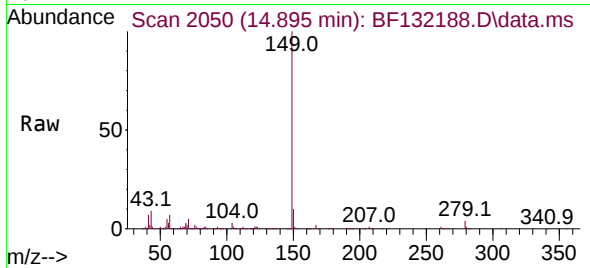
Tgt Ion:149 Resp: 439758
Ion Ratio Lower Upper
149 100
167 26.5 21.7 32.5
279 4.4 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 16.911 ng
RT: 14.895 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

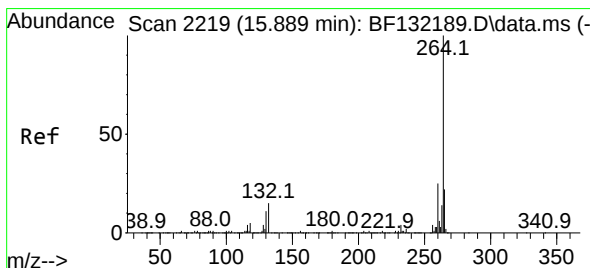
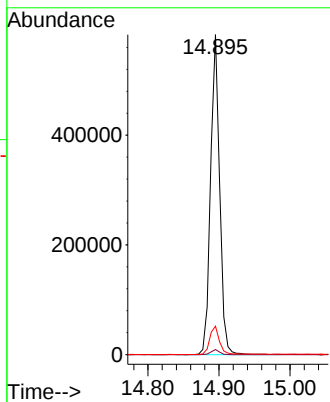
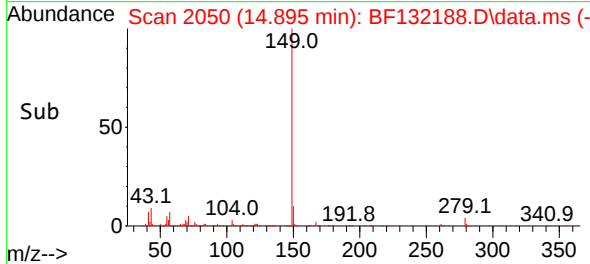
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 51872
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.9 7.6 11.4

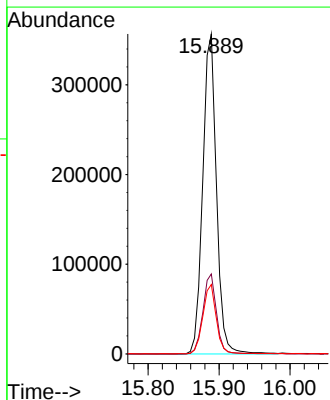
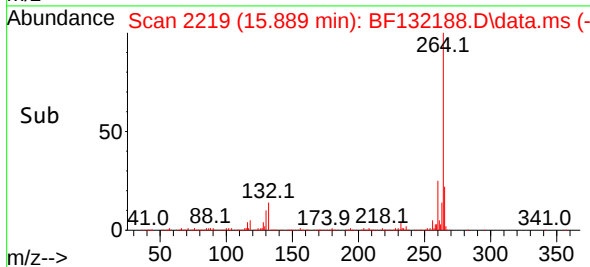
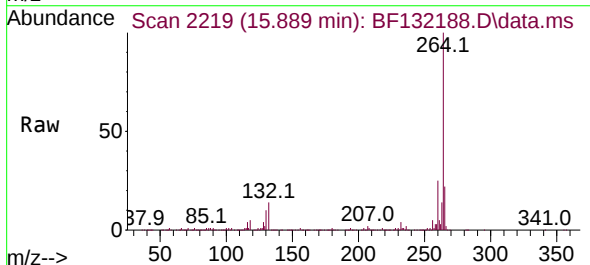
Manual Integrations
APPROVED

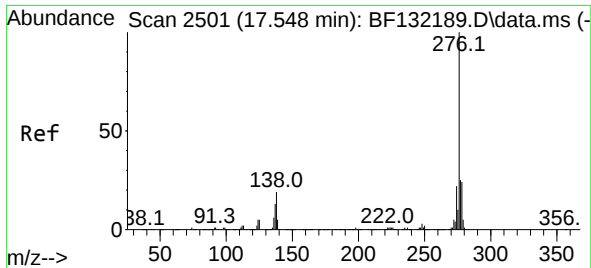
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.889 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

Tgt Ion:264 Resp: 476904
Ion Ratio Lower Upper
264 100
260 25.0 19.9 29.9
265 21.7 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.920 ng
RT: 17.536 min Scan# 2499
Delta R.T. -0.012 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

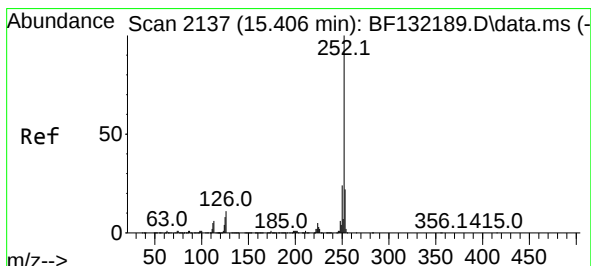
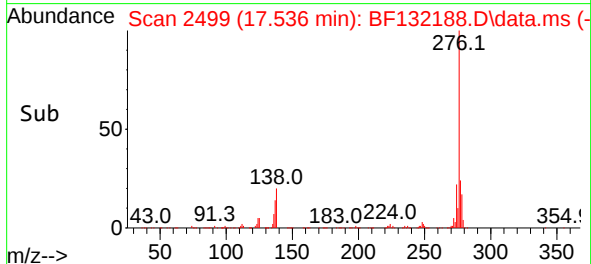
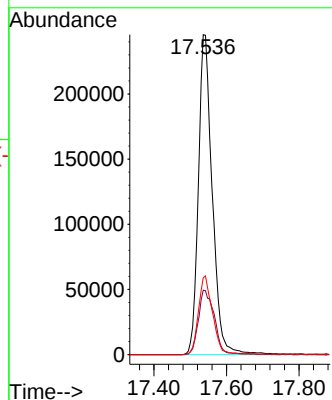
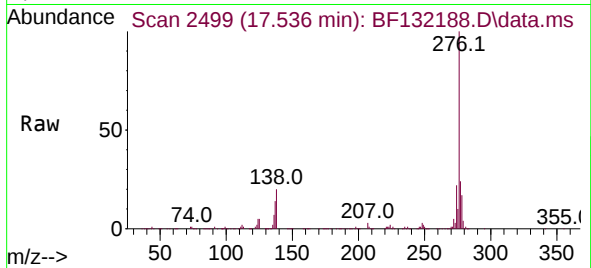
SSTDICC020

Tgt Ion:276 Resp: 652615
Ion Ratio Lower Upper
276 100
138 23.0 17.8 26.6
277 25.0 20.2 30.4

Manual Integrations

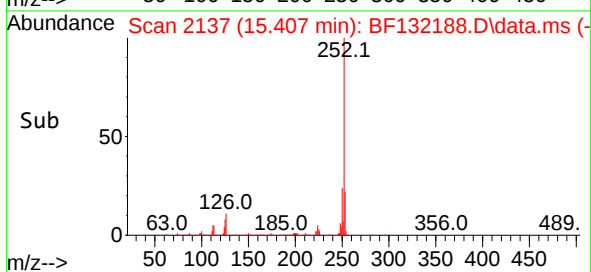
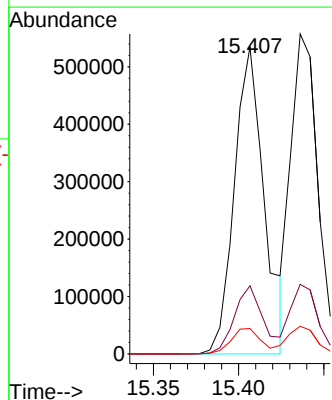
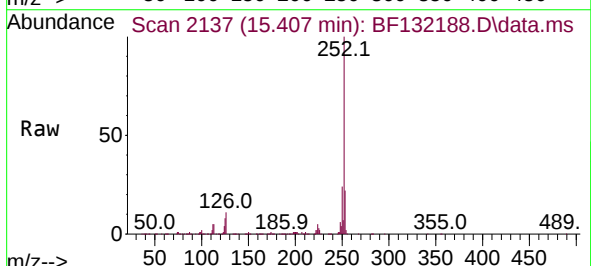
APPROVED

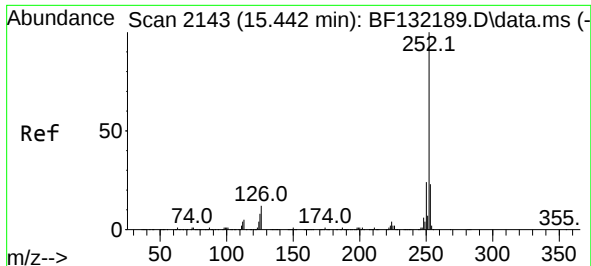
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#88
Benzo(b)fluoranthene
Concen: 21.269 ng
RT: 15.407 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF132188.D
Acq: 24 Jan 2023 11:32

Tgt Ion:252 Resp: 649976
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 20.195 ng

RT: 15.436 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 630117

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

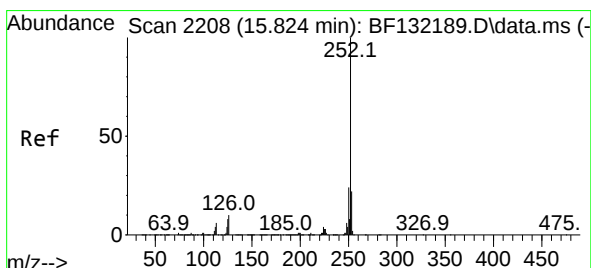
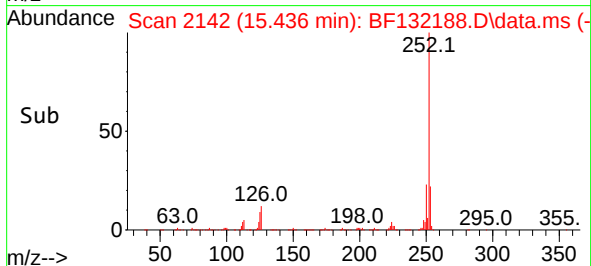
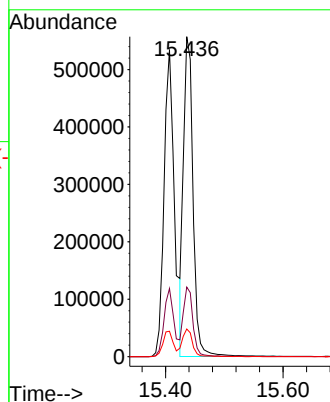
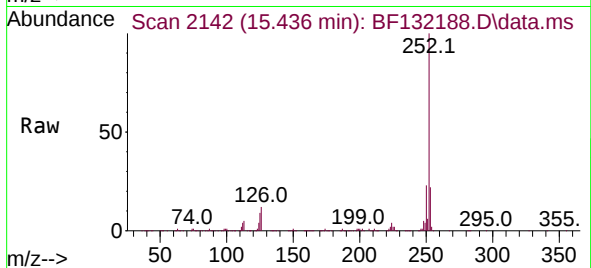
125 8.6 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#90

Benzo(a)pyrene

Concen: 20.034 ng

RT: 15.818 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

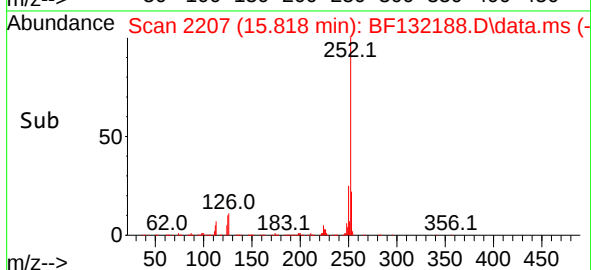
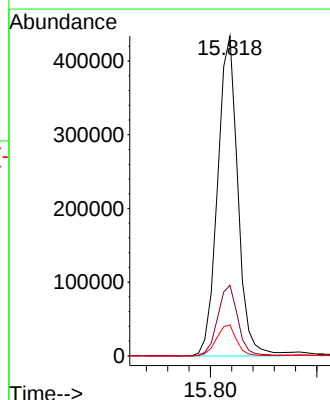
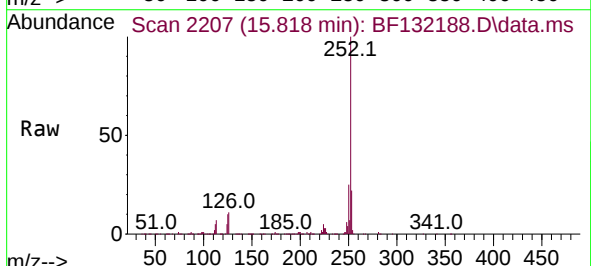
Tgt Ion:252 Resp: 573117

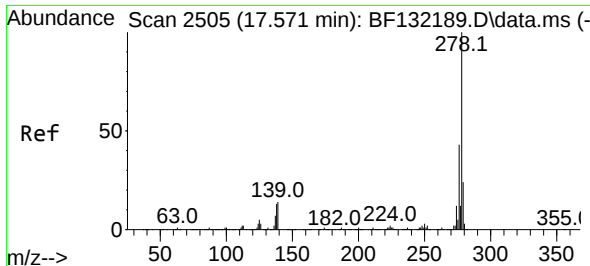
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.7 6.7 10.1





#91

Dibenzo(a,h)anthracene

Concen: 20.093 ng

RT: 17.565 min Scan# 2504

Delta R.T. -0.006 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 543620

Ion Ratio Lower Upper

278 100

139 15.0 11.2 16.8

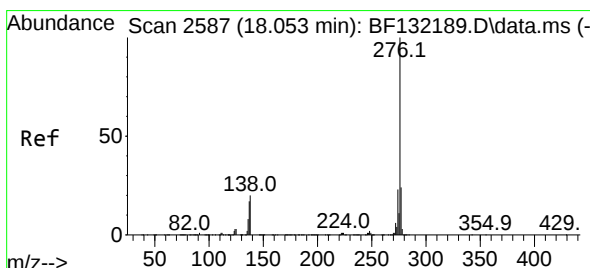
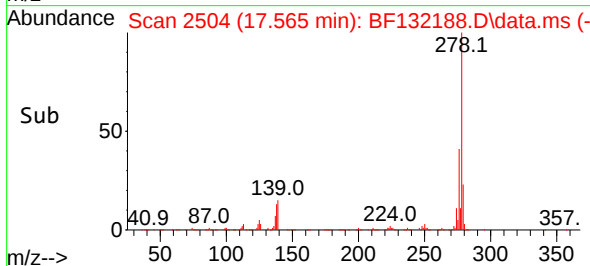
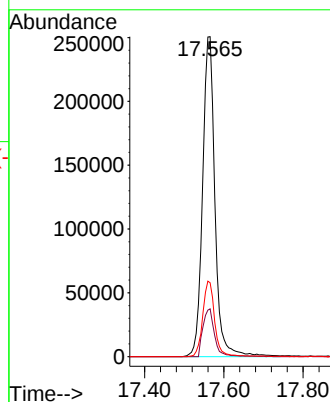
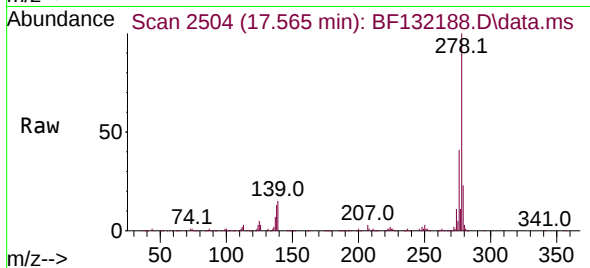
279 23.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#92

Benzo(g,h,i)perylene

Concen: 19.975 ng

RT: 18.048 min Scan# 2586

Delta R.T. -0.006 min

Lab File: BF132188.D

Acq: 24 Jan 2023 11:32

Tgt Ion:276 Resp: 547114

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 18.6 15.6 23.4

