

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132130.D
 Acq On : 18 Jan 2023 21:36
 Operator : CG\JU
 Sample : 01159-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-EMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/19/2023
 Supervised By : Jagrut Upadhyay 01/19/2023

Quant Time: Jan 19 05:23:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	224190	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	800178	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	419808	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	810497	20.000	ng	0.00
76) Chrysene-d12	14.312	240	455665	20.000	ng	0.00
86) Perylene-d12	15.906	264	455144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.742	112	1227075	97.378	ng	0.02
7) Phenol-d6	6.713	99	1525071	93.683	ng	0.00
23) Nitrobenzene-d5	7.660	82	1149414	76.247	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	528245	115.005	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1905164	78.960	ng	0.00
79) Terphenyl-d14	13.242	244	2133045	75.953	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	209103	31.683	ng	# 84
3) Pyridine	3.937	79	482106	27.281	ng	98
4) n-Nitrosodimethylamine	3.884	42	294030	34.429	ng	97
6) Aniline	6.760	93	321930	14.142	ng	99
8) 2-Chlorophenol	6.884	128	533113	39.750	ng	98
9) Benzaldehyde	6.648	77	192991	16.873	ng	96
10) Phenol	6.725	94	553807	33.061	ng	100
11) bis(2-Chloroethyl)ether	6.831	93	548272	38.488	ng	97
12) 1,3-Dichlorobenzene	7.042	146	537893	36.445	ng	99
13) 1,4-Dichlorobenzene	7.113	146	537333	36.372	ng	97
14) 1,2-Dichlorobenzene	7.266	146	524736	37.486	ng	98
15) Benzyl Alcohol	7.231	79	489906	37.862	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.366	45	788594	37.187	ng	98
17) 2-Methylphenol	7.336	107	418219	34.648	ng	99
18) Hexachloroethane	7.613	117	202890	37.262	ng	95
19) n-Nitroso-di-n-propyla...	7.507	70	364417	35.607	ng	100
20) 3+4-Methylphenols	7.489	107	515306	34.395	ng	93
22) Acetophenone	7.507	105	690529	37.411	ng	97
24) Nitrobenzene	7.683	77	591276	37.458	ng	96
25) Isophorone	7.919	82	1091969	36.202	ng	98
26) 2-Nitrophenol	7.995	139	271338	42.189	ng	96
27) 2,4-Dimethylphenol	8.019	122	474824	37.033	ng	99
28) bis(2-Chloroethoxy)met...	8.125	93	645453	37.316	ng	99
29) 2,4-Dichlorophenol	8.236	162	458442	38.155	ng	99
30) 1,2,4-Trichlorobenzene	8.319	180	501743	38.214	ng	100
31) Naphthalene	8.407	128	1454284	37.017	ng	100
32) Benzoic acid	8.125	122	293966	33.374	ng	96
33) 4-Chloroaniline	8.442	127	64793	3.756	ng	95
34) Hexachlorobutadiene	8.519	225	329634	38.070	ng	98
35) Caprolactam	8.819	113	126208m	32.325	ng	
36) 4-Chloro-3-methylphenol	8.919	107	478096	38.160	ng	96
37) 2-Methylnaphthalene	9.101	142	967074	35.349	ng	100
38) 1-Methylnaphthalene	9.201	142	908565	35.347	ng	99
40) 1,2,4,5-Tetrachloroben...	9.266	216	514371	38.121	ng	99
41) Hexachlorocyclopentadiene	9.254	237	575143	80.211	ng	99
43) 2,4,6-Trichlorophenol	9.372	196	351415	40.524	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.413	196	390195	36.821	ng	97
46) 1,1'-Biphenyl	9.566	154	1180331	38.082	ng	99
47) 2-Chloronaphthalene	9.595	162	939222	38.835	ng	99
48) 2-Nitroaniline	9.683	65	319630	38.767	ng	97
49) Acenaphthylene	10.013	152	1473341	37.594	ng	99
50) Dimethylphthalate	9.860	163	1149425	37.664	ng	99
51) 2,6-Dinitrotoluene	9.924	165	257037	39.593	ng	92
52) Acenaphthene	10.183	154	952396	40.130	ng	99
53) 3-Nitroaniline	10.095	138	110341	16.055	ng	92
54) 2,4-Dinitrophenol	10.201	184	195044	70.711	ng	91
55) Dibenzofuran	10.360	168	1356852	37.157	ng	98
56) 4-Nitrophenol	10.242	139	351357	71.556	ng	89
57) 2,4-Dinitrotoluene	10.330	165	329343	41.072	ng	93
58) Fluorene	10.701	166	1001892	36.996	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.472	232	325393	39.012	ng	100
60) Diethylphthalate	10.566	149	1137207	37.215	ng	99
61) 4-Chlorophenyl-phenyle...	10.689	204	540612	37.141	ng	96
62) 4-Nitroaniline	10.719	138	219505	35.417	ng	92
63) Azobenzene	10.854	77	1093582	36.740	ng	97
65) 4,6-Dinitro-2-methylph...	10.736	198	142096	37.700	ng	94
66) n-Nitrosodiphenylamine	10.813	169	910637	37.437	ng	99
67) 4-Bromophenyl-phenylether	11.183	248	357737	38.856	ng	96
68) Hexachlorobenzene	11.254	284	377685	40.774	ng	96
69) Atrazine	11.336	200	330054	40.320	ng	97
70) Pentachlorophenol	11.448	266	428399	67.317	ng	98
71) Phenanthrene	11.677	178	1514602	37.802	ng	99
72) Anthracene	11.730	178	1528585	37.521	ng	99
73) Carbazole	11.877	167	1329596	37.403	ng	99
74) Di-n-butylphthalate	12.201	149	1690518	39.161	ng	100
75) Fluoranthene	12.871	202	1615132	37.633	ng	98
77) Benzidine	12.983	184	290143	23.646	ng	98
78) Pyrene	13.107	202	1628927	37.348	ng	100
80) Butylbenzylphthalate	13.718	149	633137	41.182	ng	96
81) Benzo(a)anthracene	14.301	228	1213132	38.092	ng	100
82) 3,3'-Dichlorobenzidine	14.254	252	168502	19.891	ng	# 98
83) Chrysene	14.342	228	1124780	37.570	ng	98
84) Bis(2-ethylhexyl)phtha...	14.271	149	857786	42.663	ng	98
85) Di-n-octyl phthalate	14.912	149	1280230	48.554	ng	99
87) Indeno(1,2,3-cd)pyrene	17.577	276	1204721	44.923	ng	100
88) Benzo(b)fluoranthene	15.430	252	1107137	38.664	ng	99
89) Benzo(k)fluoranthene	15.465	252	1097825	38.326	ng	99
90) Benzo(a)pyrene	15.842	252	970251	37.481	ng	99
91) Dibenzo(a,h)anthracene	17.600	278	974093	45.204	ng	99
92) Benzo(g,h,i)perylene	18.089	276	1009137	44.948	ng	99

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

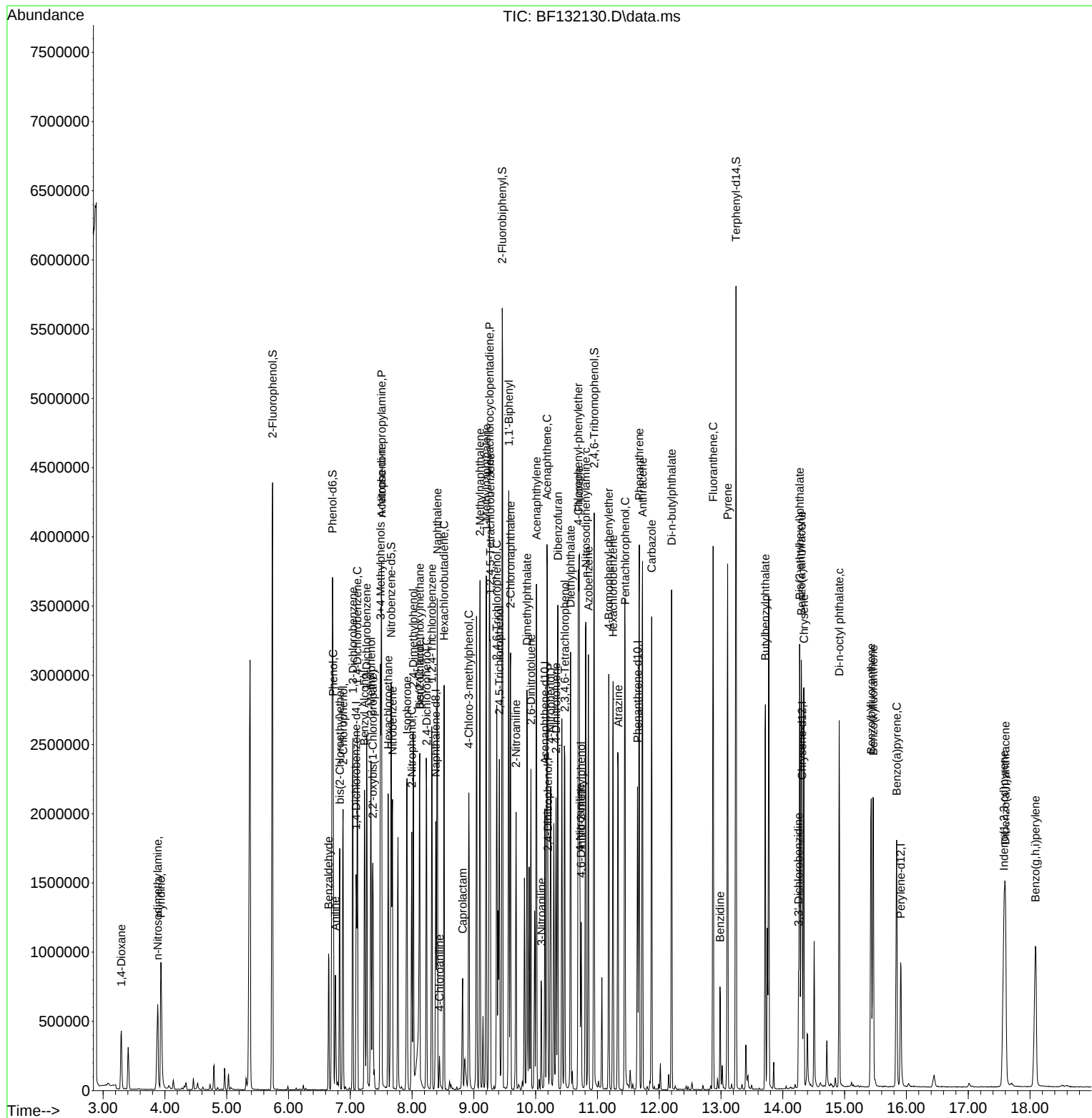
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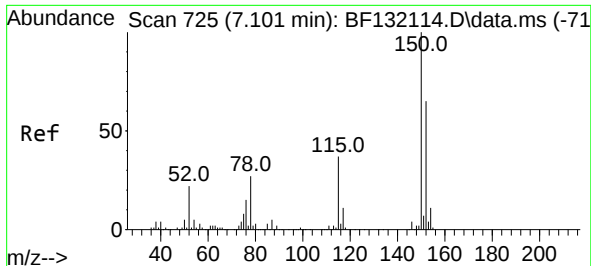
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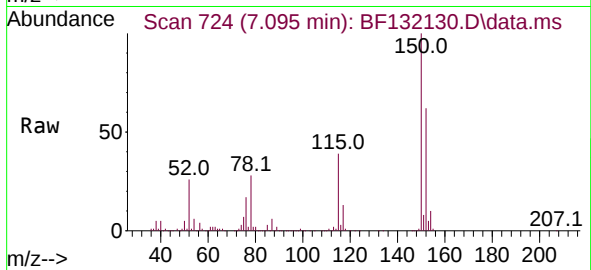
Reviewed By : Christian Giraldo 01/19/2023
 Supervised By : Jagrut Upadhyay 01/19/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.095 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132130.D
 Acq: 18 Jan 2023 21:36

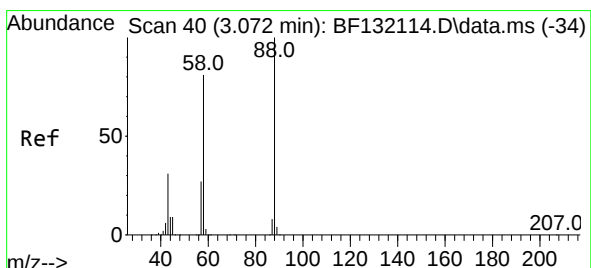
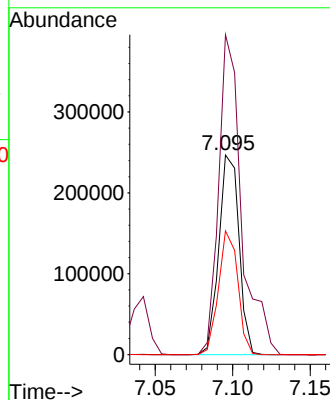
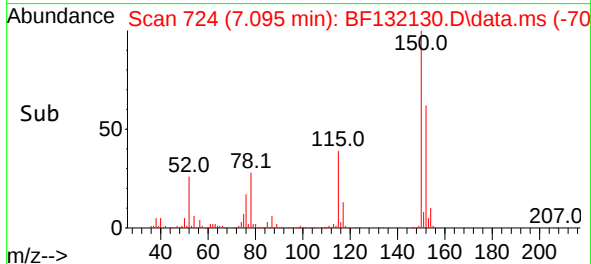
Instrument :
 BNA_F
 ClientSampleId :
 TP-EMSD



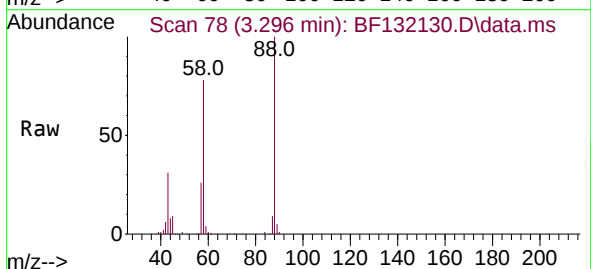
Tgt Ion:152 Resp: 224190
 Ion Ratio Lower Upper
 152 100
 150 160.3 123.3 184.9
 115 62.0 45.8 68.6

Manual Integrations
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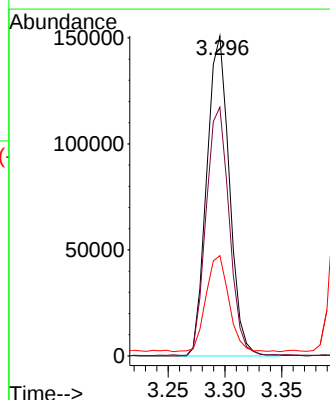
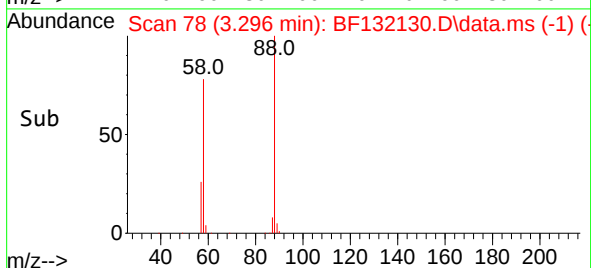
Reviewed By :Christian Giraldo 01/19/2023
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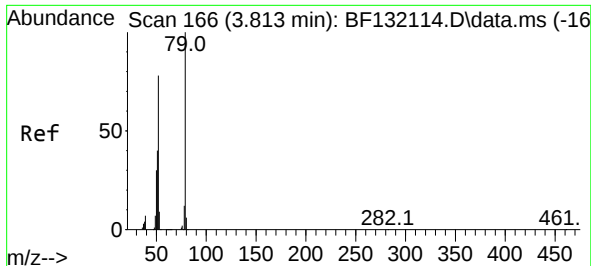


#2
 1,4-Dioxane
 Concen: 31.683 ng
 RT: 3.296 min Scan# 78
 Delta R.T. 0.223 min
 Lab File: BF132130.D
 Acq: 18 Jan 2023 21:36



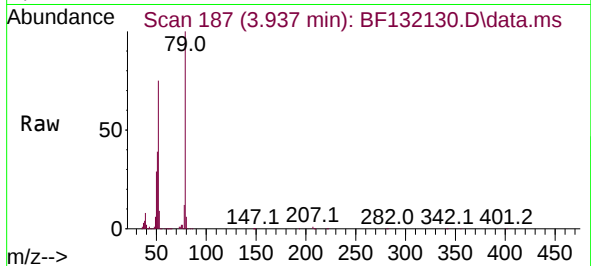
Tgt Ion: 88 Resp: 209103
 Ion Ratio Lower Upper
 88 100
 58 79.5 63.8 95.6
 43 0.0 24.7 37.1#





#3
Pyridine
Concen: 27.281 ng
RT: 3.937 min Scan# 18
Delta R.T. 0.123 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

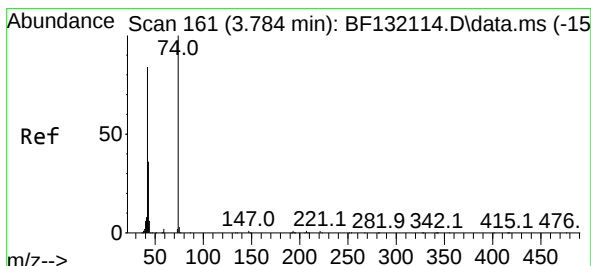
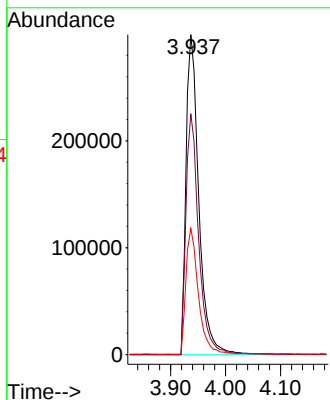
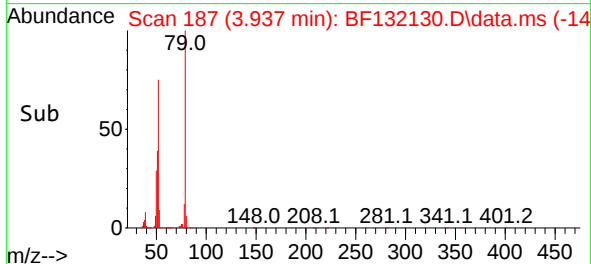
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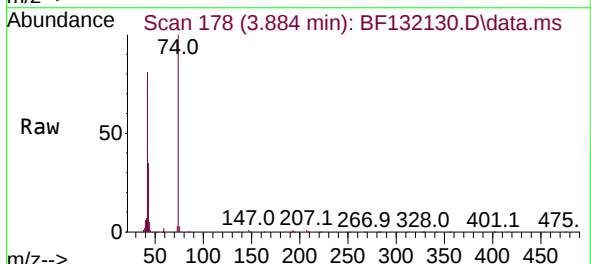
Tgt Ion: 79 Resp: 482106
Ion Ratio Lower Upper
79 100
52 75.3 62.2 93.4
51 39.5 31.9 47.9

Manual Integrations
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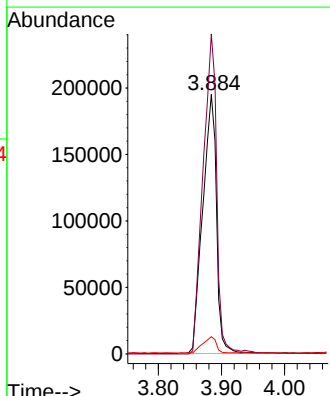
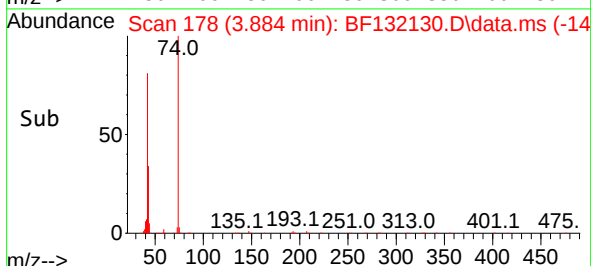
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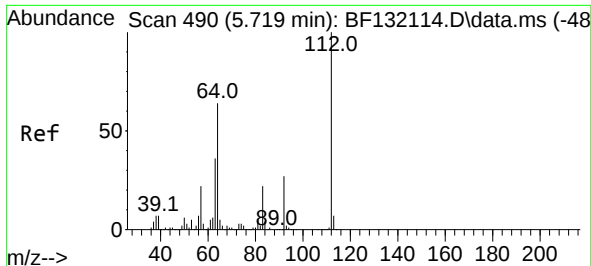


#4
n-Nitrosodimethylamine
Concen: 34.429 ng
RT: 3.884 min Scan# 178
Delta R.T. 0.100 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36



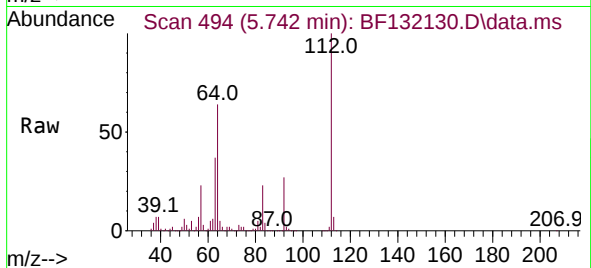
Tgt Ion: 42 Resp: 294030
Ion Ratio Lower Upper
42 100
74 123.3 95.8 143.6
44 6.7 5.6 8.4





#5
2-Fluorophenol
Concen: 97.378 ng
RT: 5.742 min Scan# 490
Delta R.T. 0.023 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

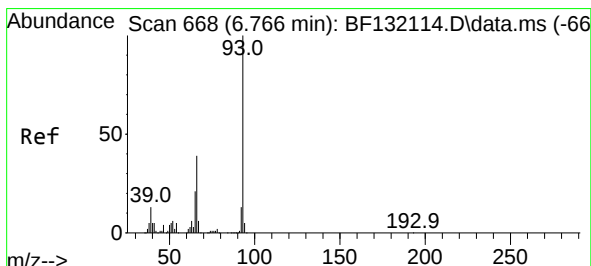
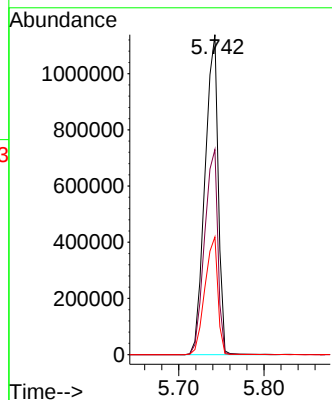
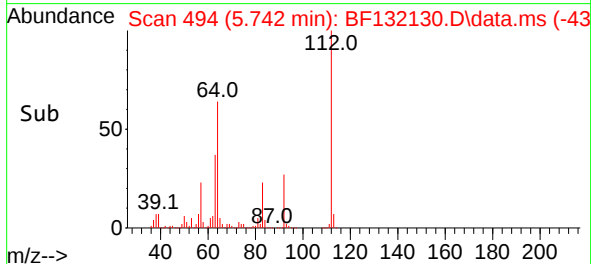
Instrument :
BNA_F
Client SampleId :
TP-EMSD



Tgt Ion: 112 Resp: 1227075
Ion Ratio Lower Upper
112 100
64 64.1 51.0 76.6
63 36.8 28.7 43.1

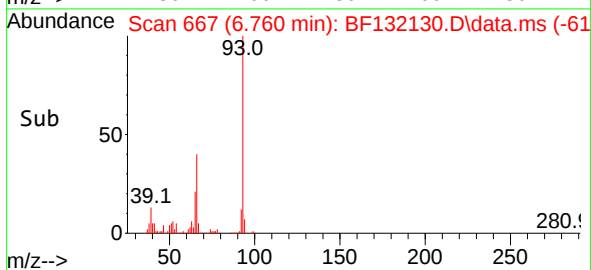
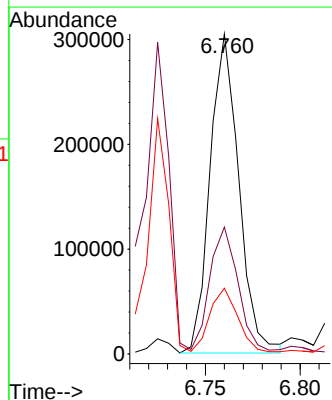
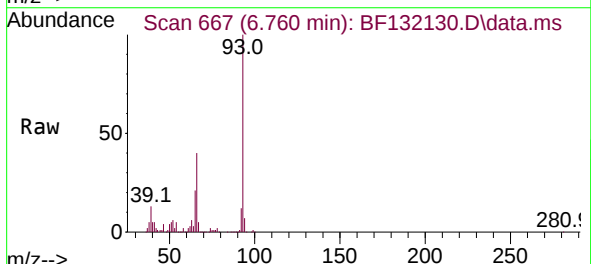
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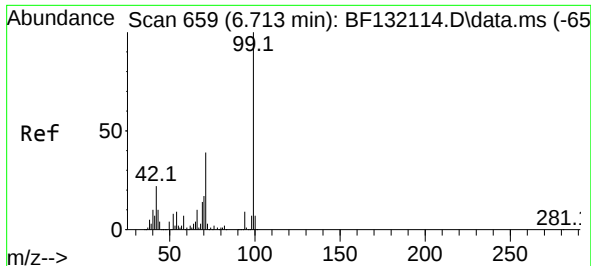
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#6
Aniline
Concen: 14.142 ng
RT: 6.760 min Scan# 667
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

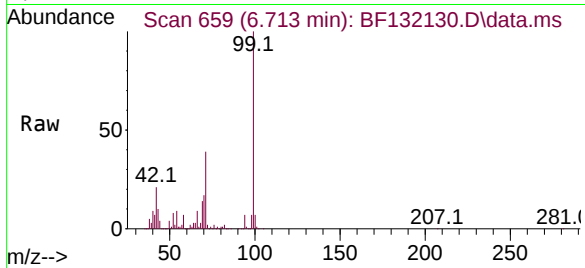
Tgt Ion: 93 Resp: 321930
Ion Ratio Lower Upper
93 100
66 39.6 32.2 48.2
65 20.5 17.0 25.4





#7
Phenol-d6
Concen: 93.683 ng
RT: 6.713 min Scan# 659
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

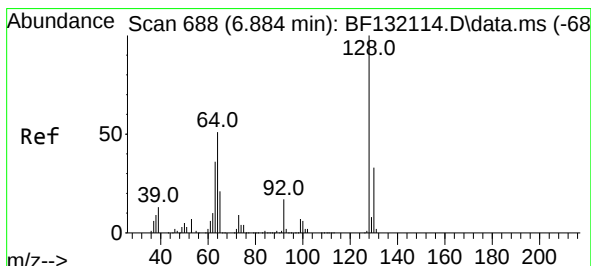
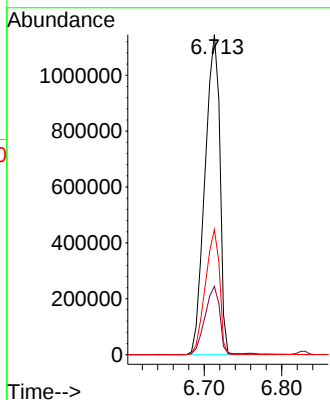
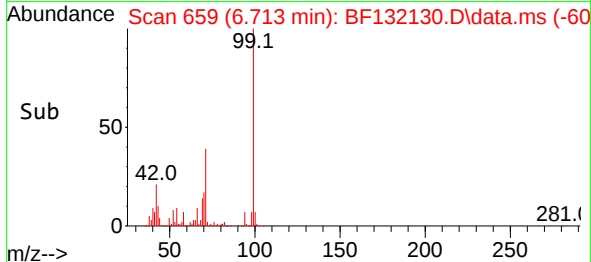
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Tgt Ion: 99 Resp: 152507
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 39.1 31.0 46.6

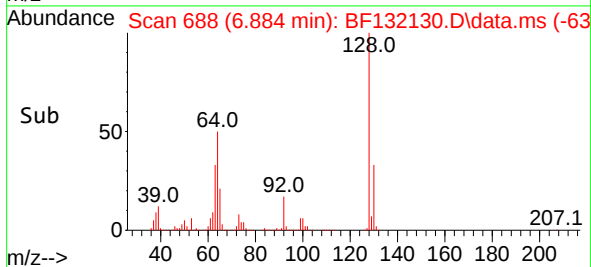
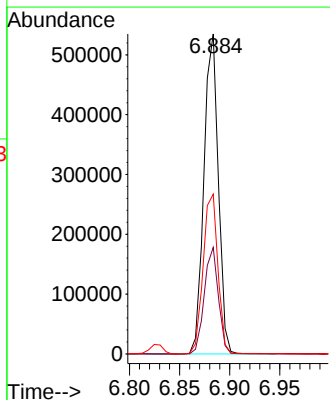
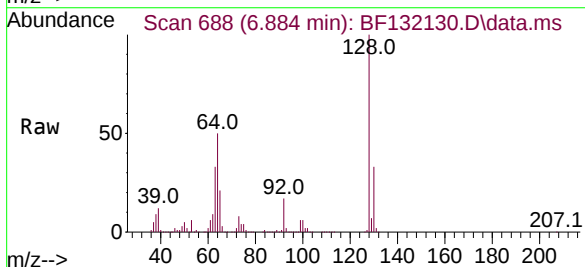
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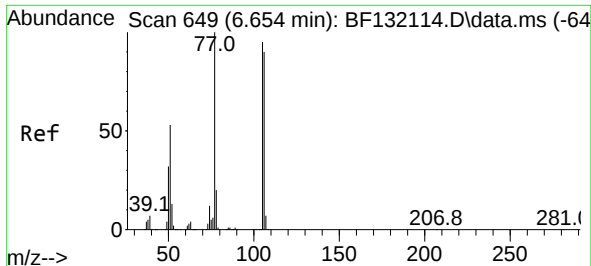
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#8
2-Chlorophenol
Concen: 39.750 ng
RT: 6.884 min Scan# 688
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

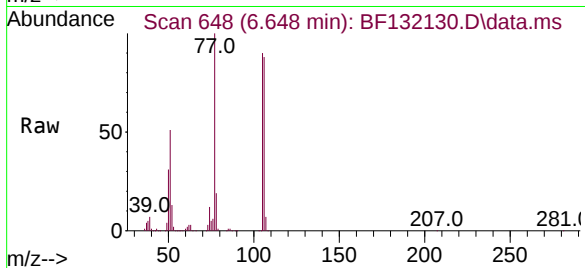
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Ion Ratio Lower Upper
128 100
130 33.3 13.1 53.1
64 49.9 32.0 72.0





#9
Benzaldehyde
Concen: 16.873 ng
RT: 6.648 min Scan# 649
Delta R.T. -0.006 min
Lab File: BF132130.D
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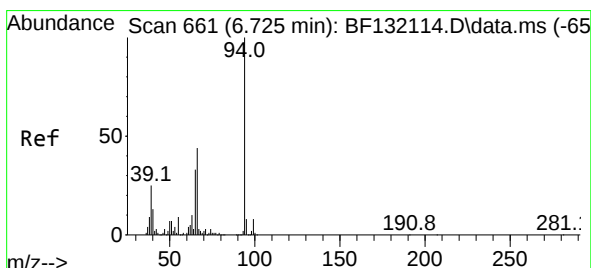
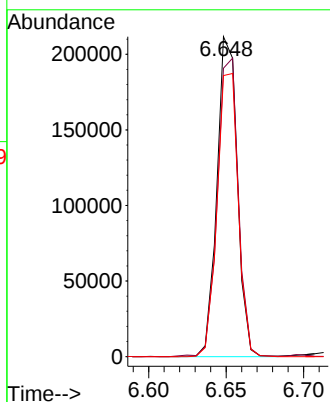
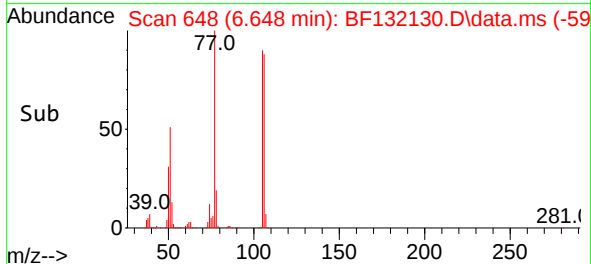
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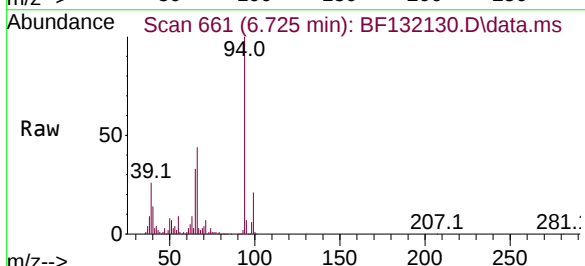
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Ion Ratio Lower Upper
77 100
105 90.1 75.3 115.3
106 87.8 70.2 110.2

Manual Integrations
APPROVED

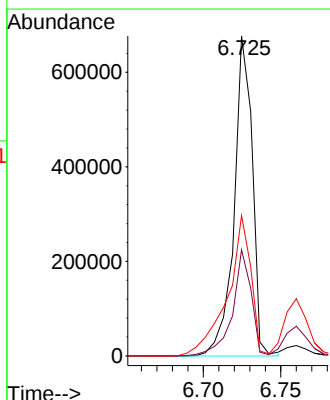
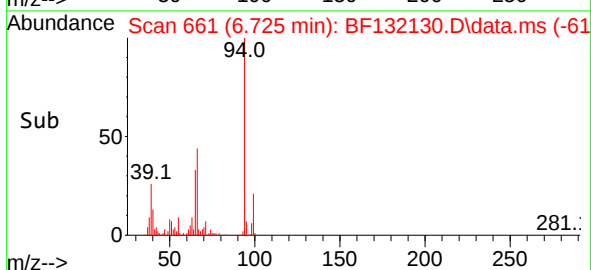
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

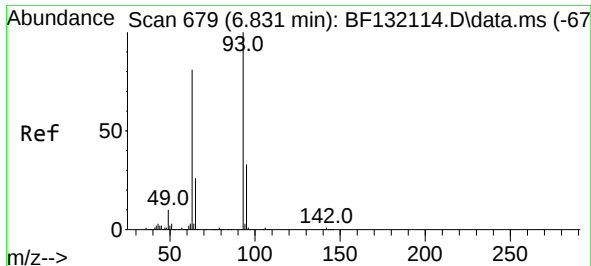


#10
Phenol
Concen: 33.061 ng
RT: 6.725 min Scan# 661
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36



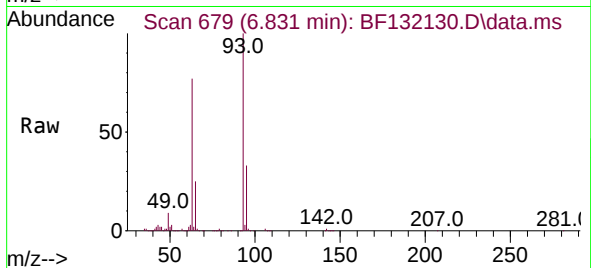
Tgt Ion: 94 Resp: 553807
Ion Ratio Lower Upper
94 100
65 33.2 12.7 52.7
66 43.9 23.8 63.8





#11
bis(2-Chloroethyl)ether
Concen: 38.488 ng
RT: 6.831 min Scan# 611
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

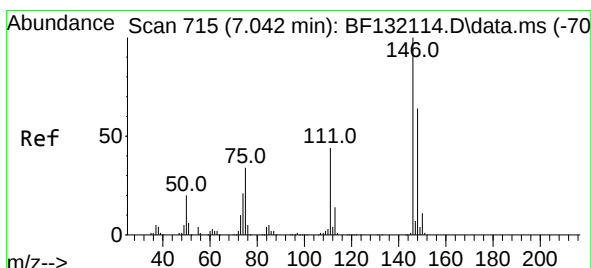
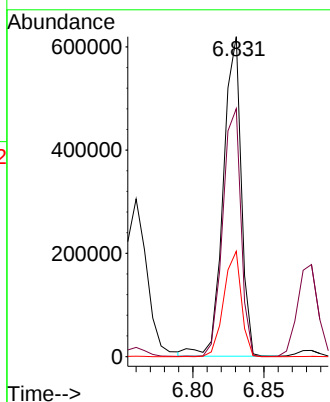
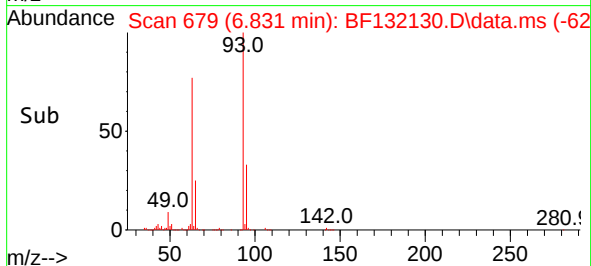
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion: 93 Resp: 548272
Ion Ratio Lower Upper
93 100
63 77.5 60.8 100.8
95 32.9 13.1 53.1

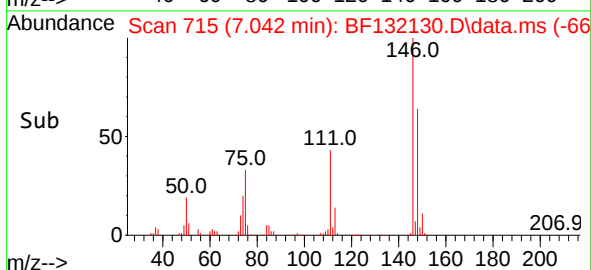
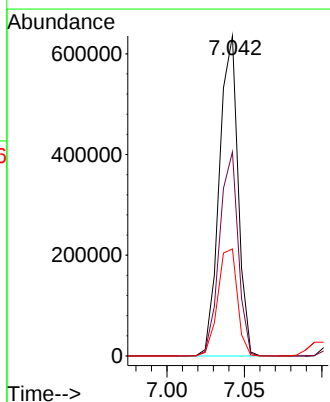
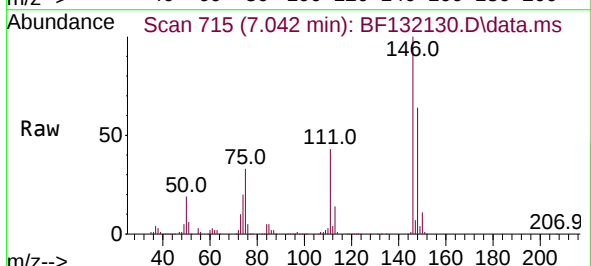
Manual Integrations
APPROVED

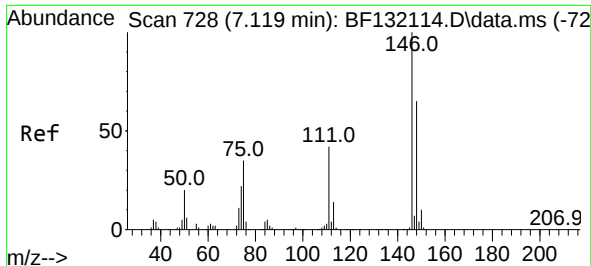
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#12
1,3-Dichlorobenzene
Concen: 36.445 ng
RT: 7.042 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

Tgt Ion:146 Resp: 537893
Ion Ratio Lower Upper
146 100
148 63.7 51.5 77.3
75 33.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 36.372 ng

RT: 7.113 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

TP-EMSD

Tgt Ion:146 Resp: 53733

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

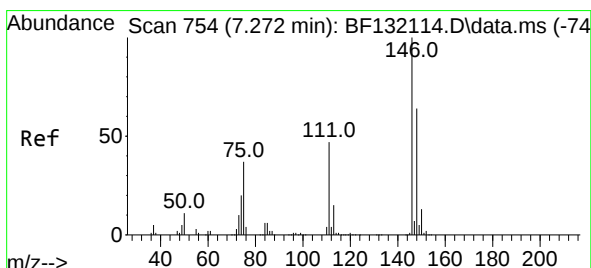
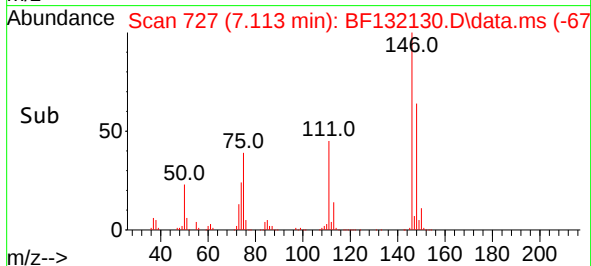
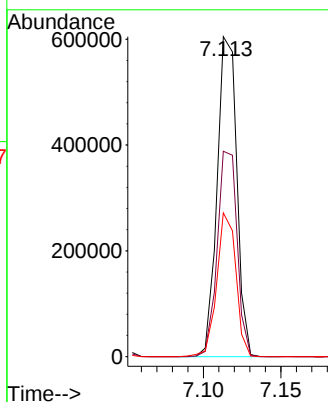
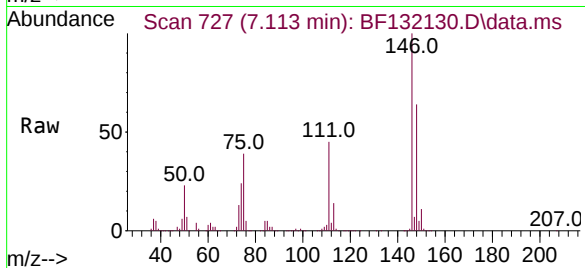
111 44.9 33.2 49.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#14

1,2-Dichlorobenzene

Concen: 37.486 ng

RT: 7.266 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

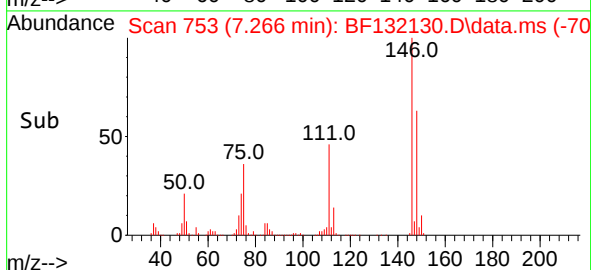
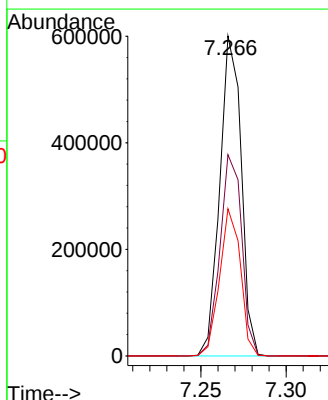
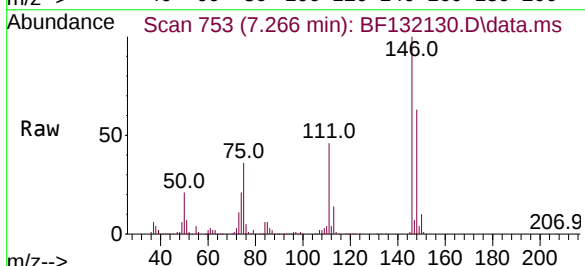
Tgt Ion:146 Resp: 524736

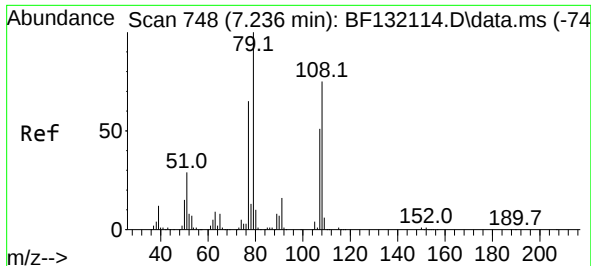
Ion Ratio Lower Upper

146 100

148 62.9 51.5 77.3

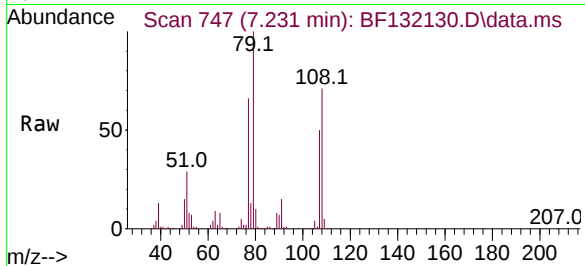
111 46.0 37.9 56.9





#15
Benzyl Alcohol
Concen: 37.862 ng
RT: 7.231 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

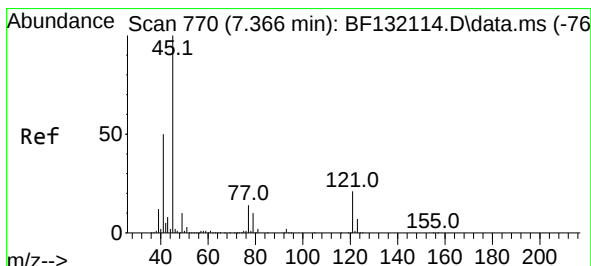
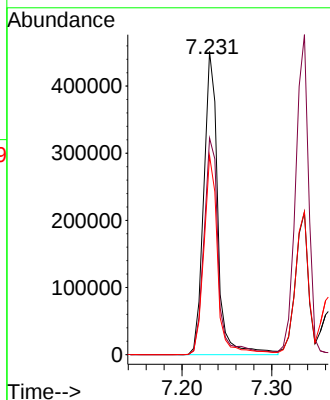
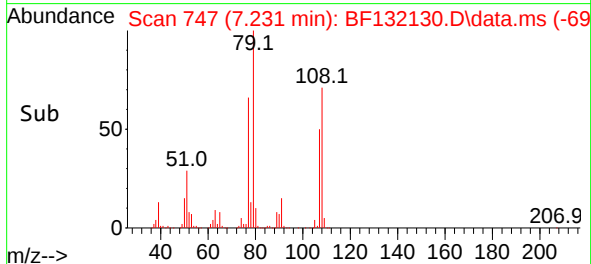
Instrument :
BNA_F
Client SampleId :
TP-EMSD



Tgt Ion: 79 Resp: 489906
Ion Ratio Lower Upper
79 100
108 71.5 59.7 89.5
77 65.7 51.9 77.9

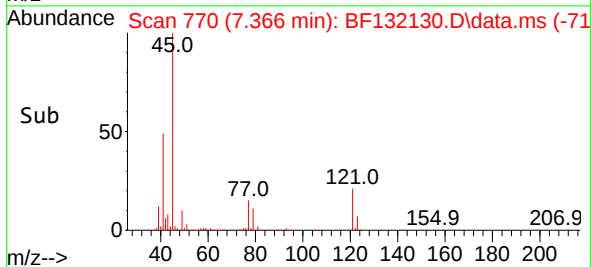
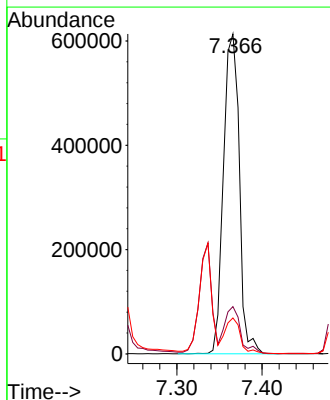
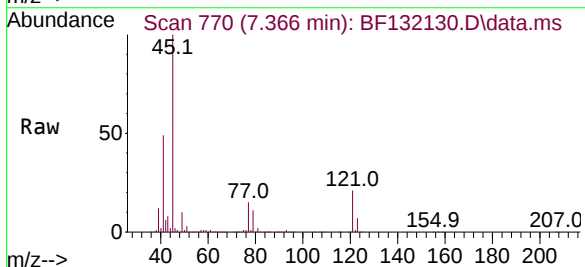
Manual Integrations
APPROVED

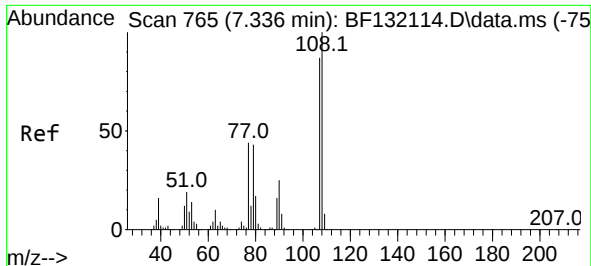
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.187 ng
RT: 7.366 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

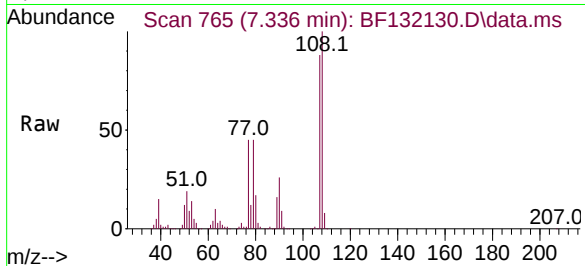
Tgt Ion: 45 Resp: 788594
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.1
79 11.2 0.0 30.5





#17
2-Methylphenol
Concen: 34.648 ng
RT: 7.336 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

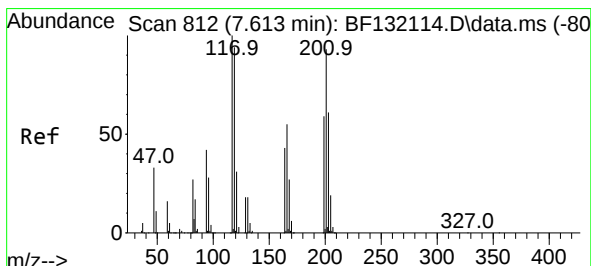
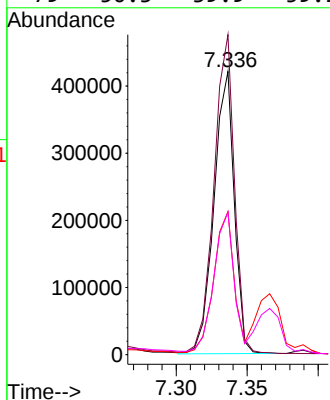
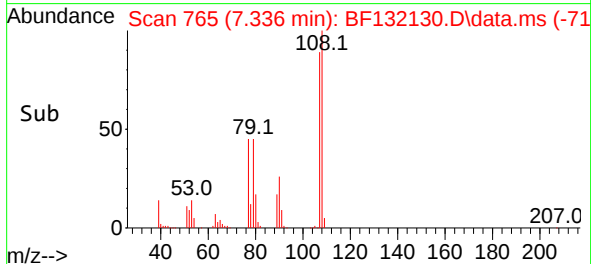
Instrument :
BNA_F
Client SampleId :
TP-EMSD



Tgt Ion:	107	Resp:	418219
Ion Ratio	Lower	Upper	
107	100		
108	113.0	91.7	137.5
77	50.5	40.6	60.8
79	50.3	39.9	59.9

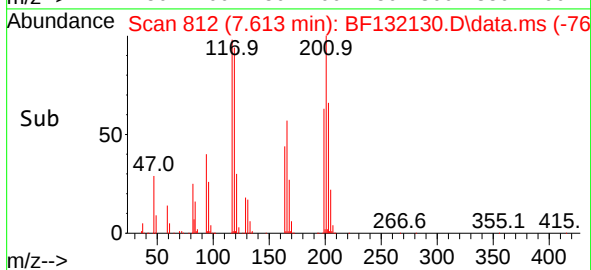
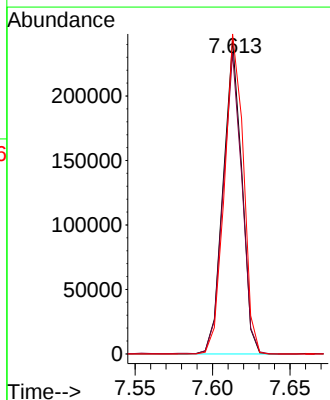
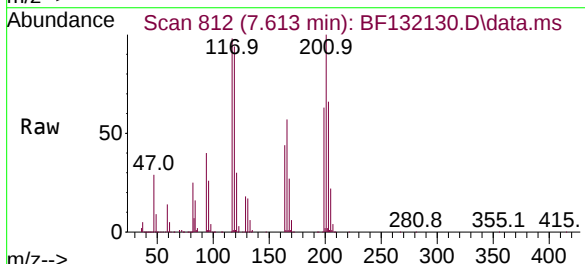
Manual Integrations
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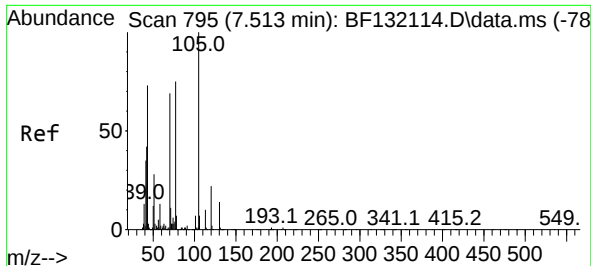
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#18
Hexachloroethane
Concen: 37.262 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

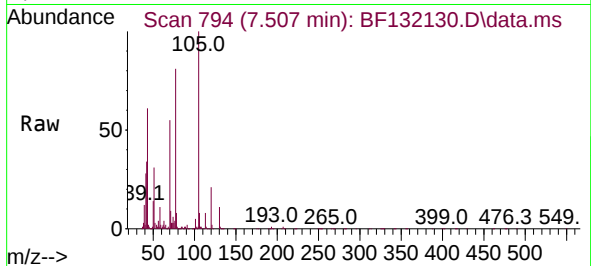
Tgt Ion:	117	Resp:	202890
Ion Ratio	Lower	Upper	
117	100		
119	95.6	75.5	113.3
201	101.7	74.0	111.0





#19
n-Nitroso-di-n-propylamine
Concen: 35.607 ng
RT: 7.507 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

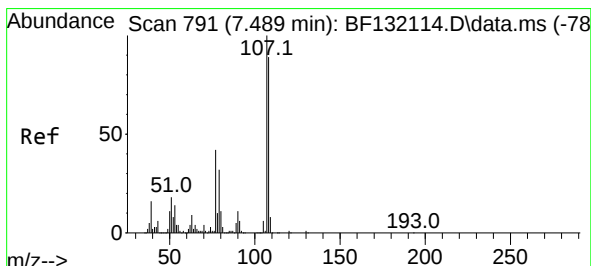
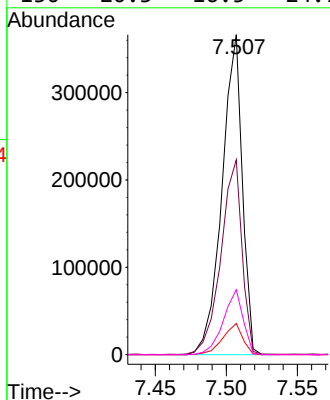
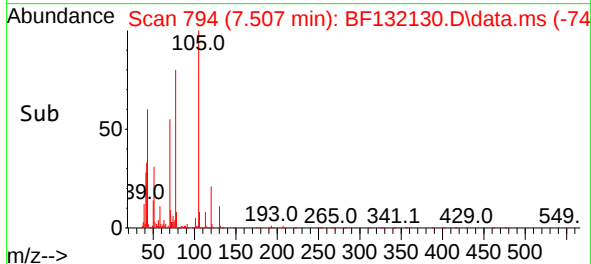
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion: 70 Resp: 364417
Ion Ratio Lower Upper
70 100
42 60.9 48.5 72.7
101 9.7 7.8 11.8
130 20.3 16.5 24.7

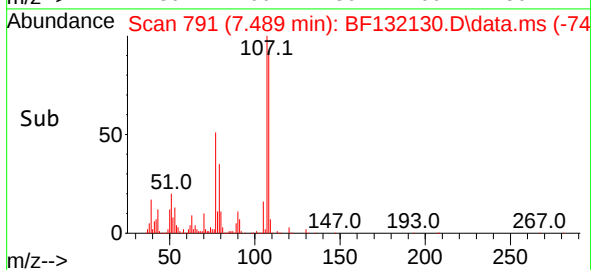
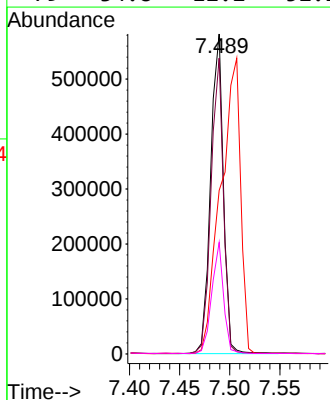
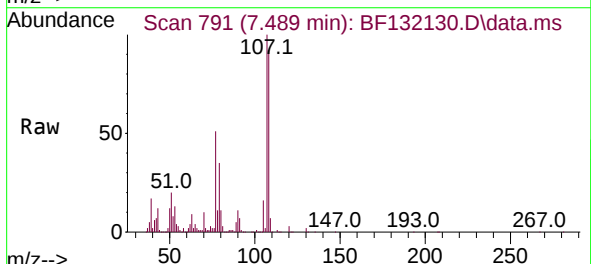
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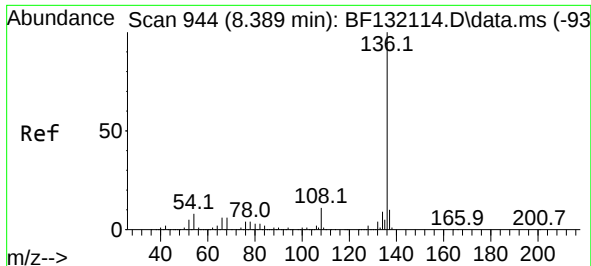
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#20
3+4-Methylphenols
Concen: 34.395 ng
RT: 7.489 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

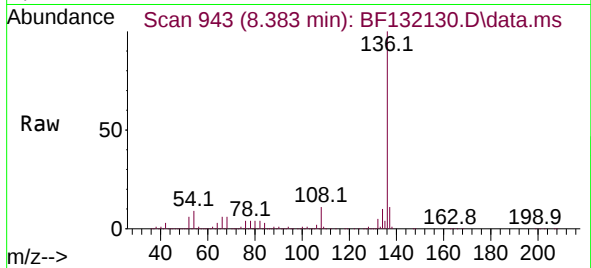
Tgt Ion:107 Resp: 515306
Ion Ratio Lower Upper
107 100
108 92.4 68.9 108.9
77 51.1 22.4 62.4
79 34.8 12.2 52.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.383 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

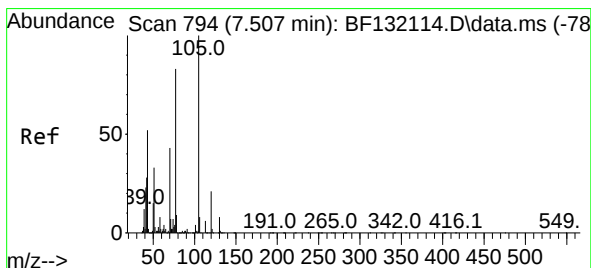
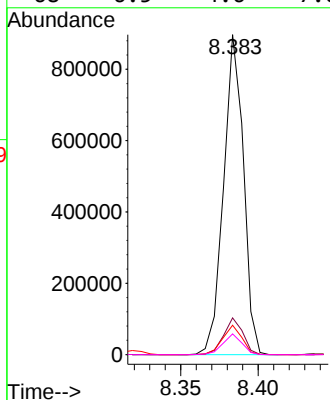
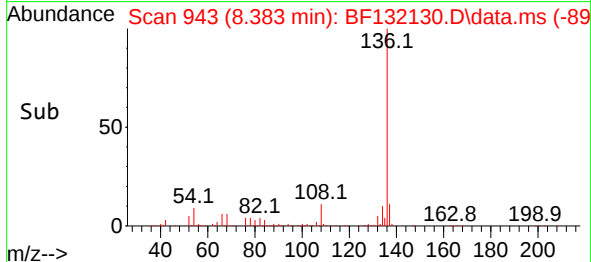
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:136 Resp: 800178
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.2 6.6 10.0
68 6.5 4.6 7.0

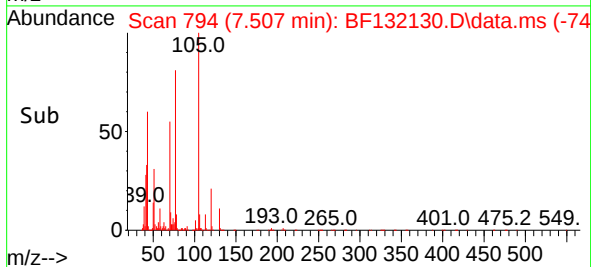
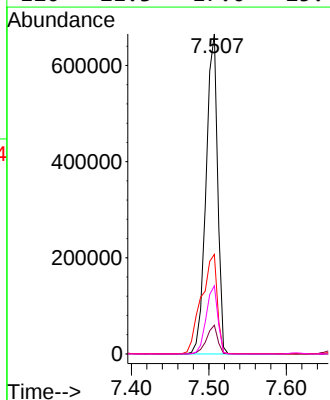
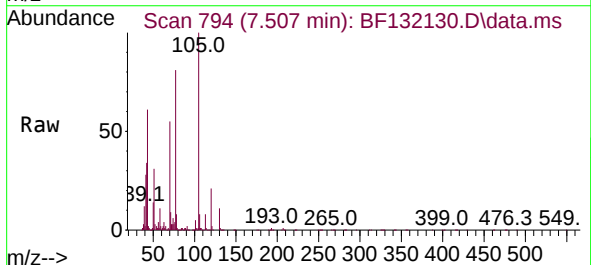
Manual Integrations
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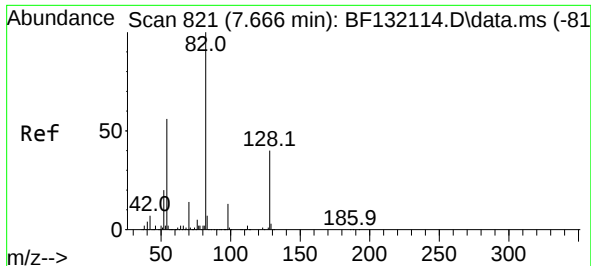
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#22
Acetophenone
Concen: 37.411 ng
RT: 7.507 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

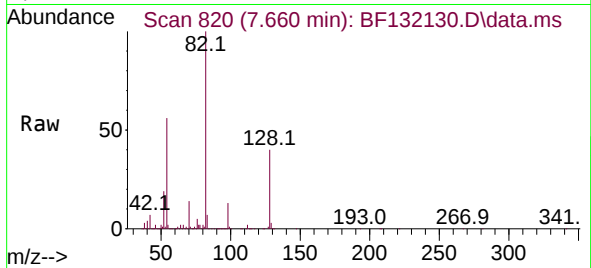
Tgt Ion:105 Resp: 690529
Ion Ratio Lower Upper
105 100
71 9.0 6.0 9.0
51 31.1 26.6 39.8
120 21.3 17.0 25.4





#23
Nitrobenzene-d5
Concen: 76.247 ng
RT: 7.660 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

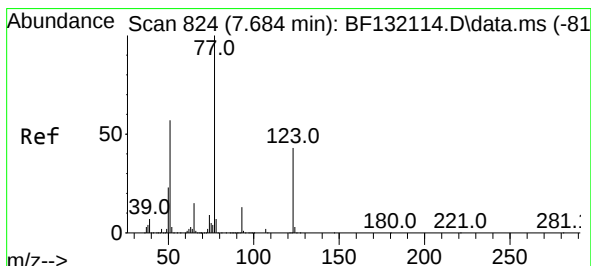
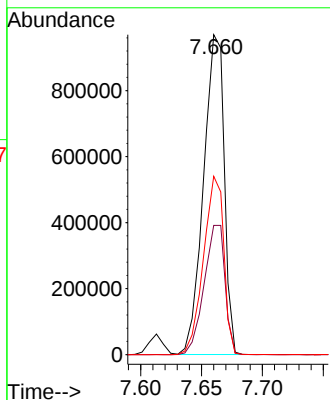
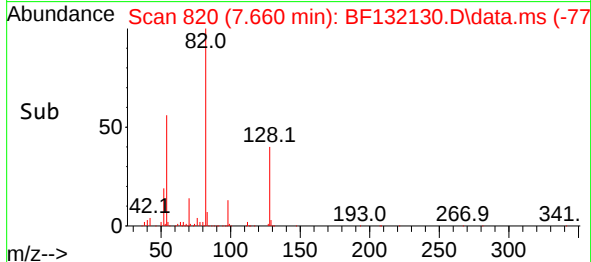
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



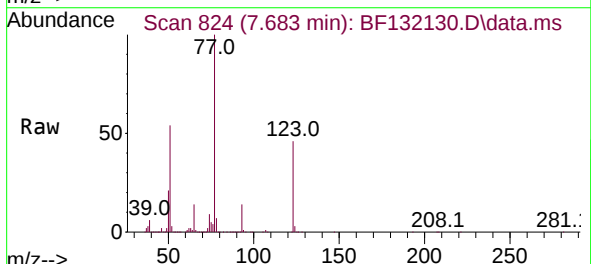
Tgt Ion: 82 Resp: 1149414
Ion Ratio Lower Upper
82 100
128 40.4 32.0 48.0
54 55.7 45.1 67.7

Manual Integrations
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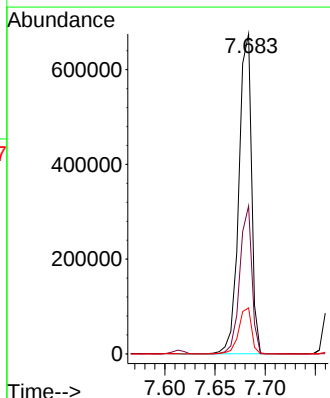
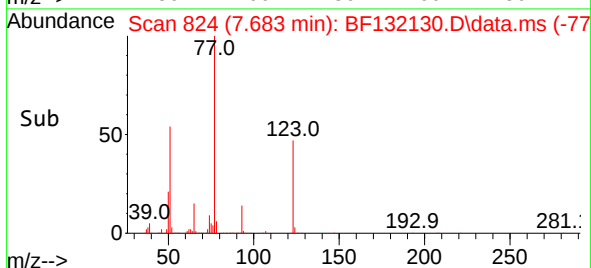
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

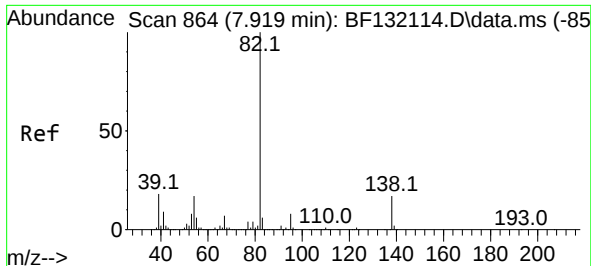


#24
Nitrobenzene
Concen: 37.458 ng
RT: 7.683 min Scan# 824
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36



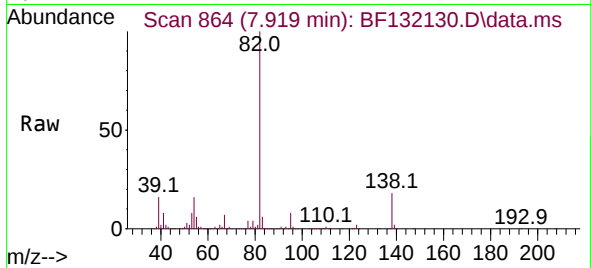
Tgt Ion: 77 Resp: 591276
Ion Ratio Lower Upper
77 100
123 46.2 34.6 52.0
65 14.4 11.8 17.8





#25
Isophorone
Concen: 36.202 ng
RT: 7.919 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

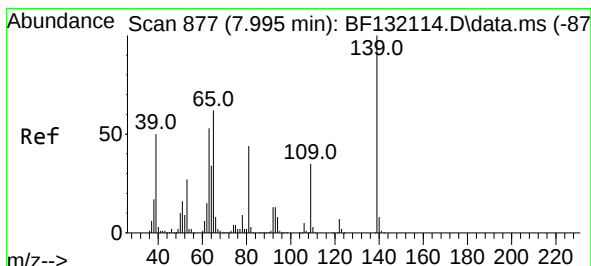
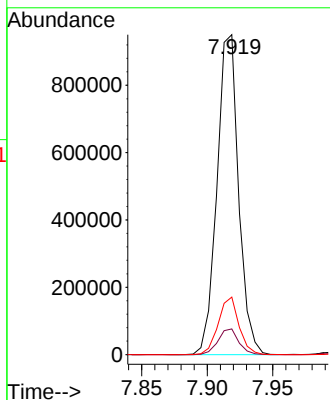
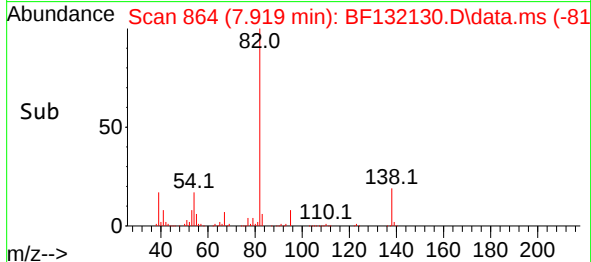
Instrument :
BNA_F
Client SampleId :
TP-EMSD



Tgt Ion: 82 Resp: 1091969
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 18.0 13.4 20.2

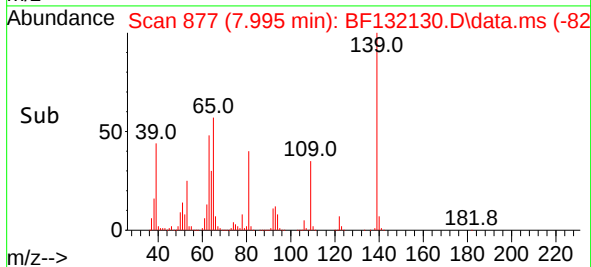
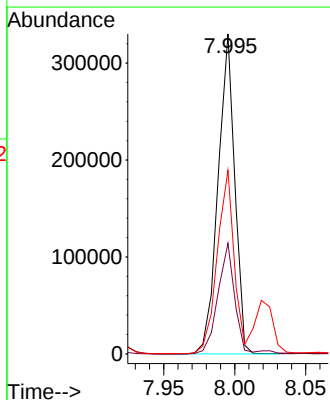
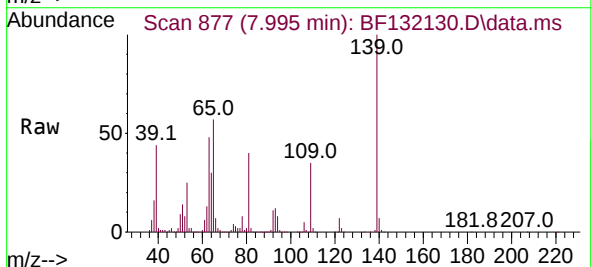
Manual Integrations
APPROVED

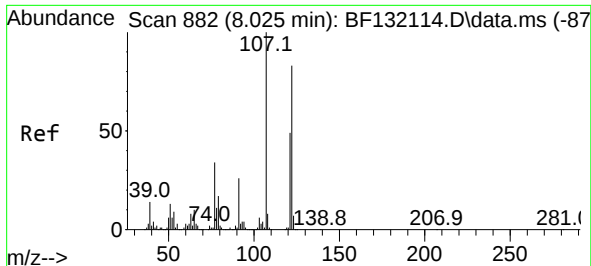
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#26
2-Nitrophenol
Concen: 42.189 ng
RT: 7.995 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

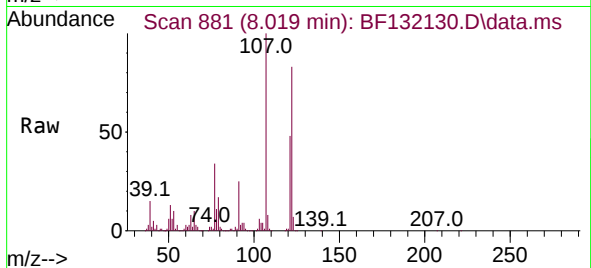
Tgt Ion:139 Resp: 271338
Ion Ratio Lower Upper
139 100
109 34.6 28.3 42.5
65 57.4 49.6 74.4





#27
2,4-Dimethylphenol
Concen: 37.033 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

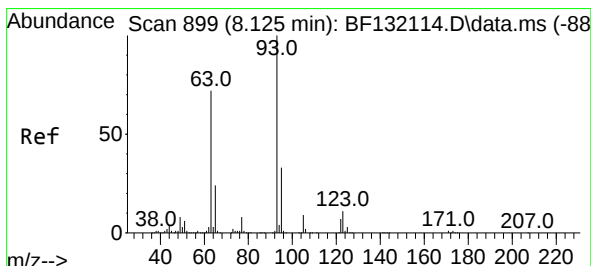
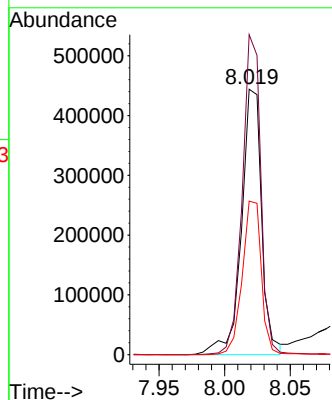
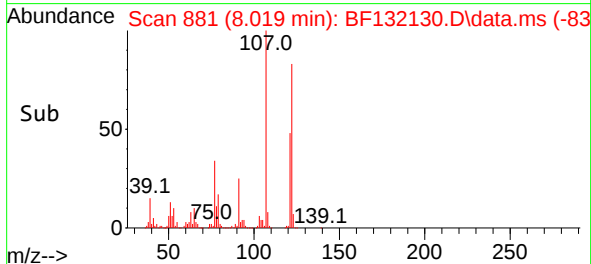
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:122 Resp: 474824
Ion Ratio Lower Upper
122 100
107 120.6 96.1 144.1
121 57.9 47.2 70.8

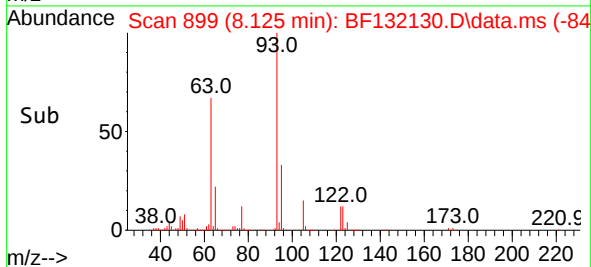
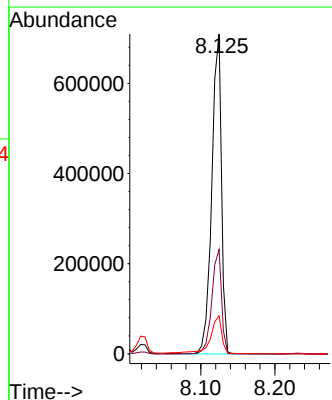
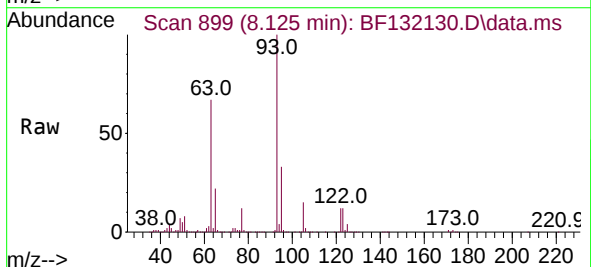
Manual Integrations
APPROVED

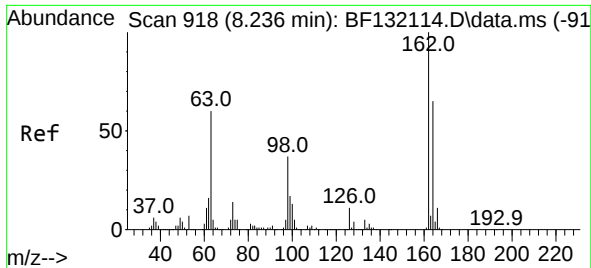
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#28
bis(2-Chloroethoxy)methane
Concen: 37.316 ng
RT: 8.125 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

Tgt Ion: 93 Resp: 645453
Ion Ratio Lower Upper
93 100
95 32.6 26.7 40.1
123 11.9 9.4 14.0





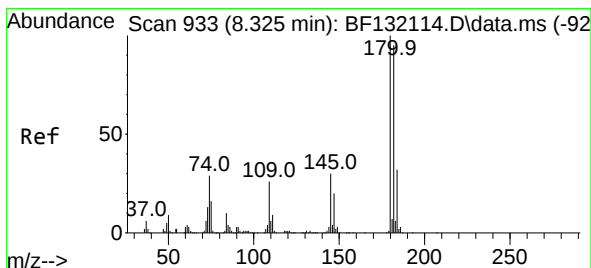
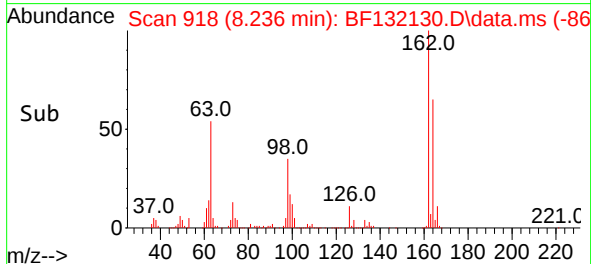
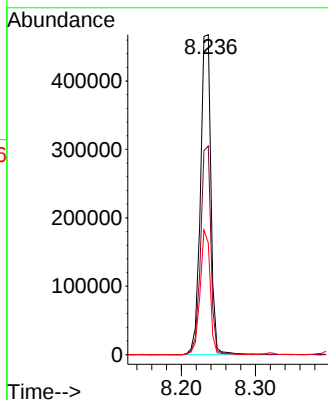
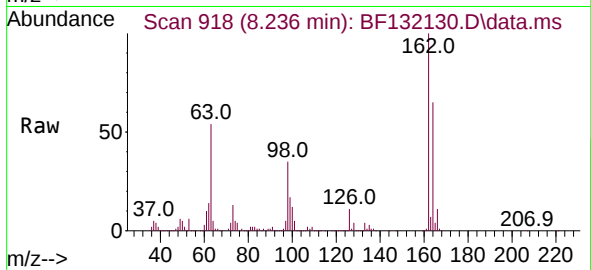
#29
2,4-Dichlorophenol
Concen: 38.155 ng
RT: 8.236 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

Instrument :
BNA_F
ClientSampleId :
TP-EMSD

Tgt Ion:162 Resp: 458442
Ion Ratio Lower Upper
162 100
164 65.2 45.1 85.1
98 34.9 16.8 56.8

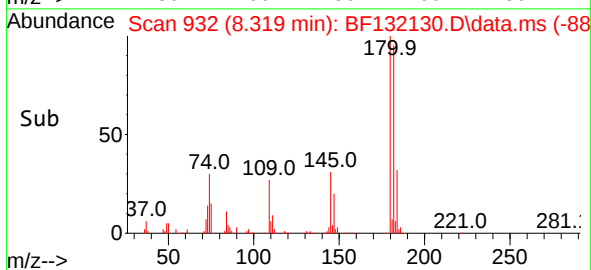
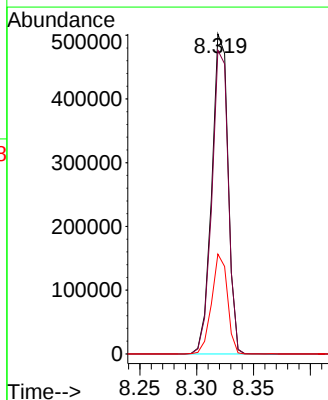
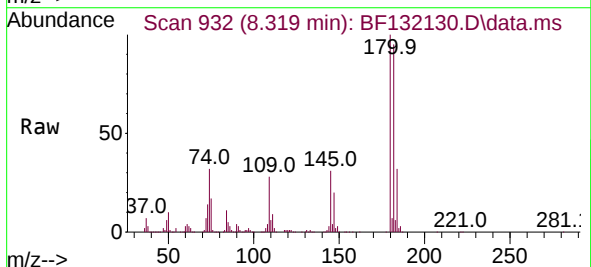
Manual Integrations
APPROVED

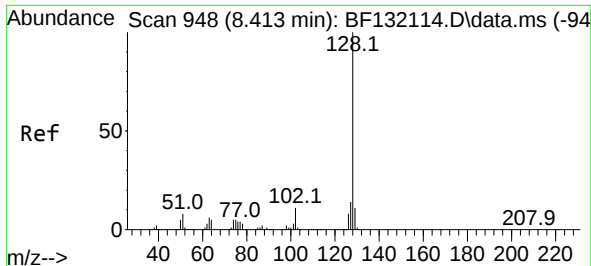
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#30
1,2,4-Trichlorobenzene
Concen: 38.214 ng
RT: 8.319 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

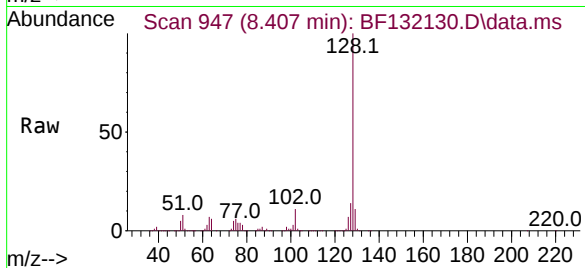
Tgt Ion:180 Resp: 501743
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 31.2 24.3 36.5





#31
Naphthalene
Concen: 37.017 ng
RT: 8.407 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

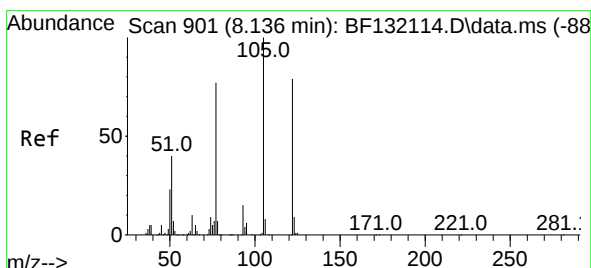
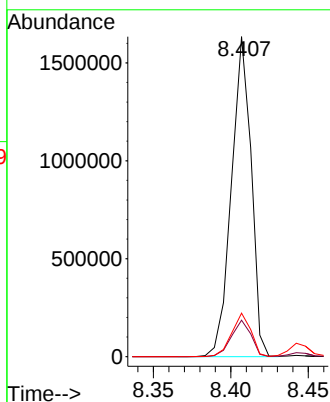
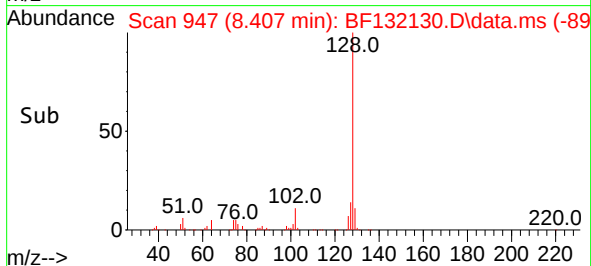
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



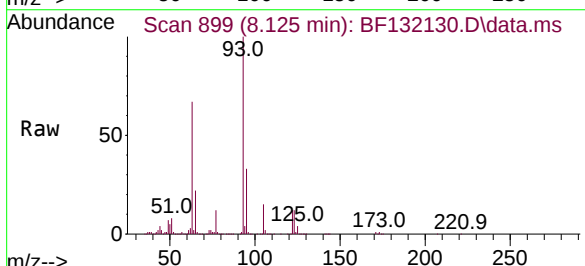
Tgt Ion:128 Resp: 1454284
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.6 10.8 16.2

Manual Integrations
APPROVED

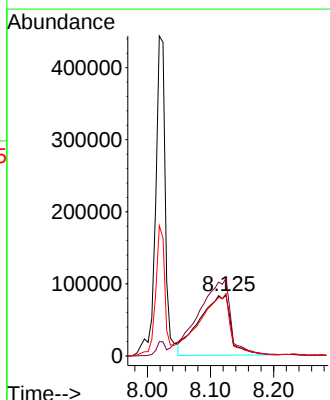
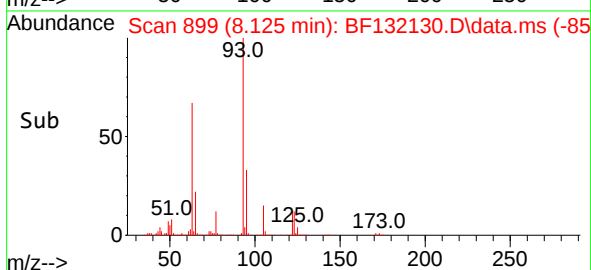
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

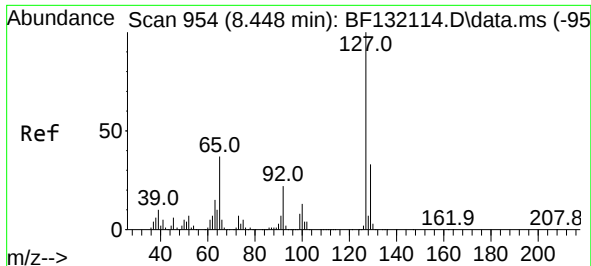


#32
Benzoic acid
Concen: 33.374 ng
RT: 8.125 min Scan# 899
Delta R.T. -0.011 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36



Tgt Ion:122 Resp: 293966
Ion Ratio Lower Upper
122 100
105 128.2 106.2 146.2
77 103.1 77.3 117.3





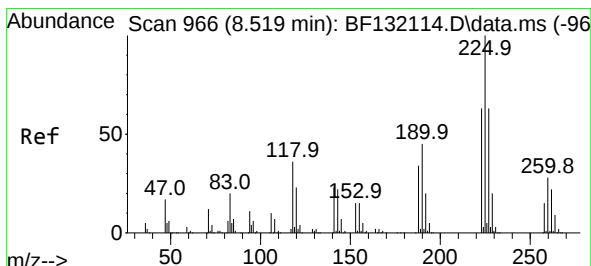
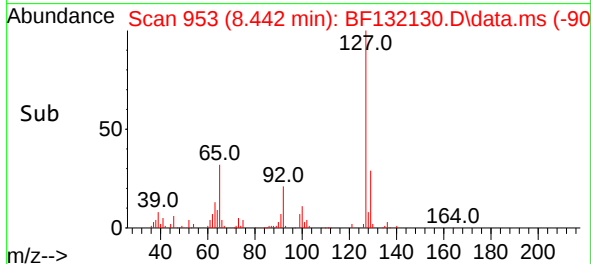
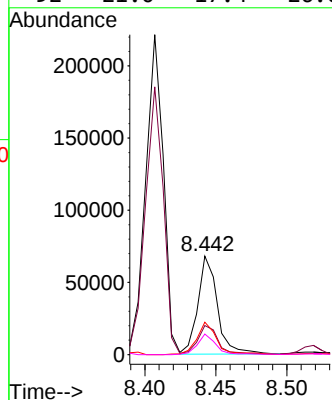
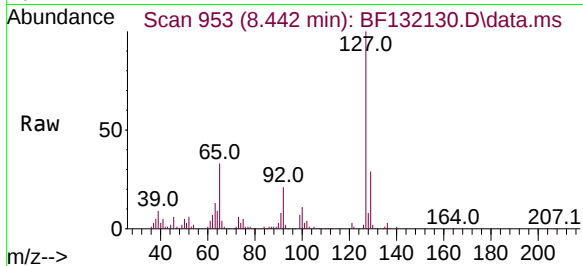
#33
4-Chloroaniline
Concen: 3.756 ng
RT: 8.442 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

Instrument :
BNA_F
ClientSampleId :
TP-EMSD

Tgt Ion:	127	Resp:	64793
Ion	Ratio	Lower	Upper
127	100		
129	29.4	26.1	39.1
65	32.9	29.7	44.5
92	21.0	17.4	26.0

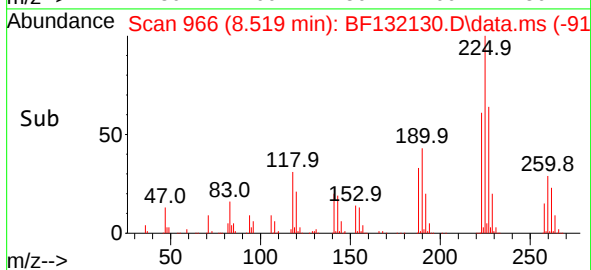
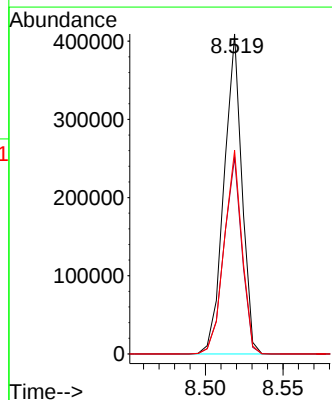
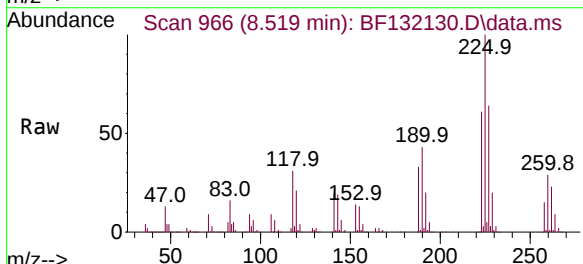
Manual Integrations
APPROVED

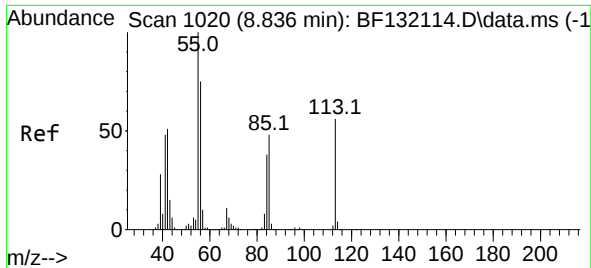
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#34
Hexachlorobutadiene
Concen: 38.070 ng
RT: 8.519 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

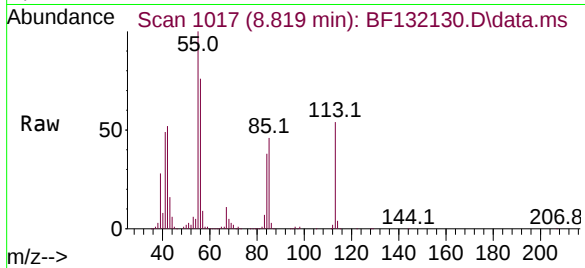
Tgt Ion:	225	Resp:	329634
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	63.6	50.1	75.1





#35
Caprolactam
Concen: 32.325 ng m
RT: 8.819 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

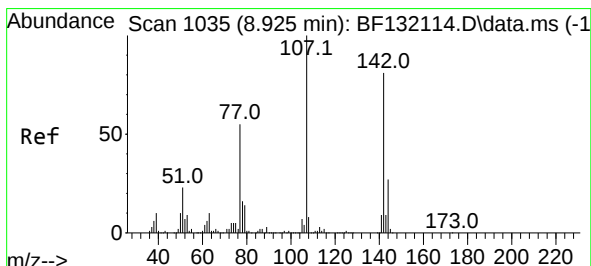
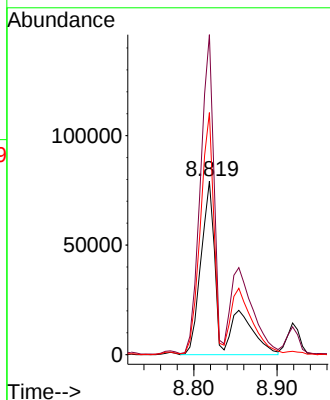
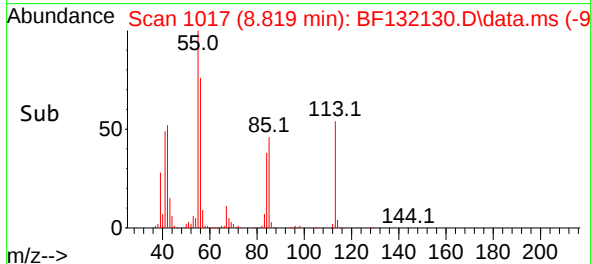
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:113 Resp: 126208
Ion Ratio Lower Upper
113 100
55 184.6 159.1 199.1
56 139.6 115.0 155.0

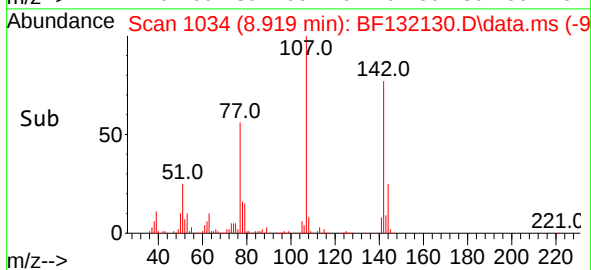
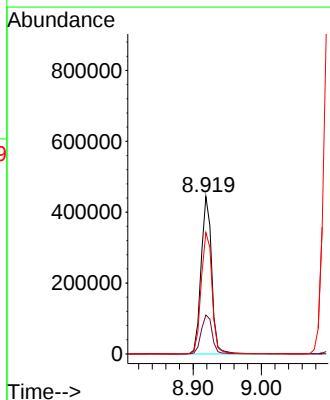
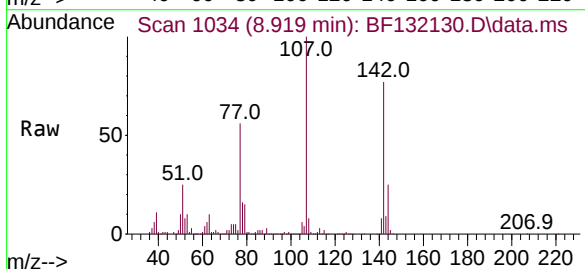
Manual Integrations
APPROVED

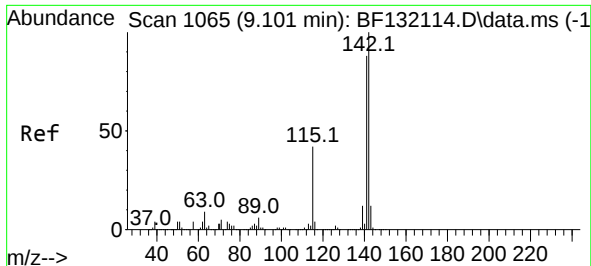
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#36
4-Chloro-3-methylphenol
Concen: 38.160 ng
RT: 8.919 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

Tgt Ion:107 Resp: 478096
Ion Ratio Lower Upper
107 100
144 24.6 21.4 32.0
142 77.1 64.6 97.0





#37

2-Methylnaphthalene

Concen: 35.349 ng

RT: 9.101 min Scan# 1065

Delta R.T. 0.000 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

TP-EMSD

Tgt Ion:142 Resp: 967074

Ion Ratio Lower Upper

142 100

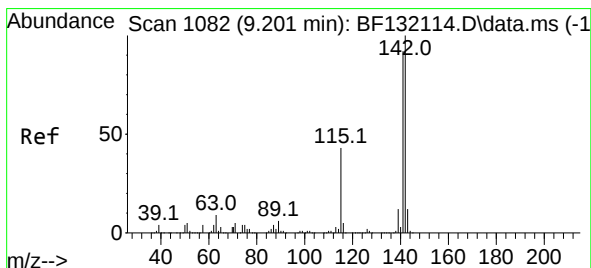
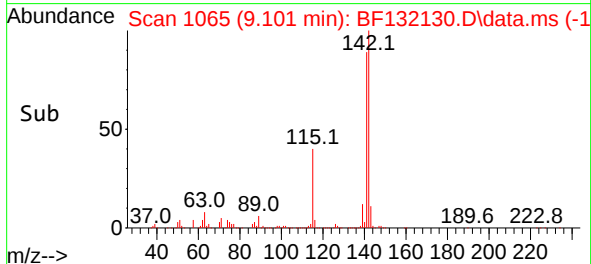
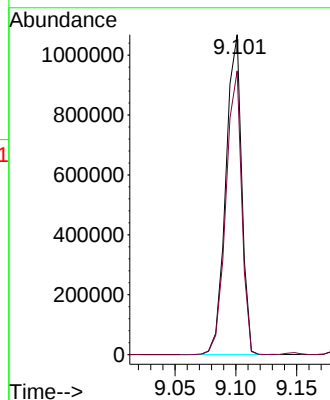
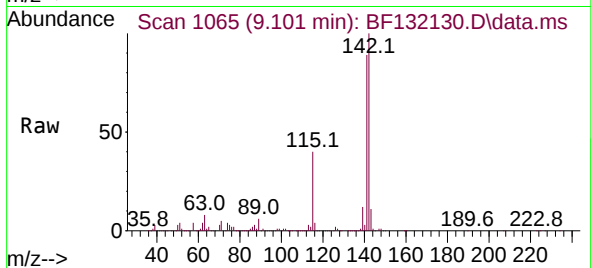
141 88.7 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#38

1-Methylnaphthalene

Concen: 35.347 ng

RT: 9.201 min Scan# 1082

Delta R.T. 0.000 min

Lab File: BF132130.D

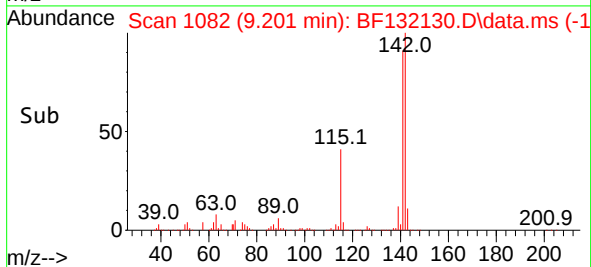
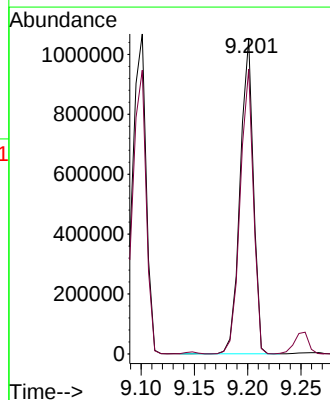
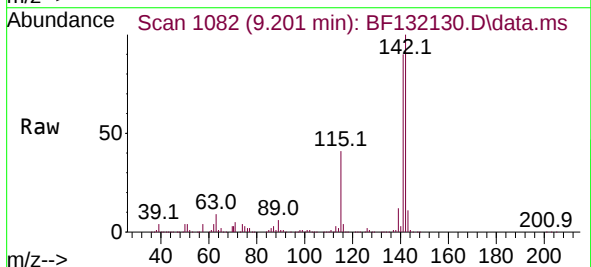
Acq: 18 Jan 2023 21:36

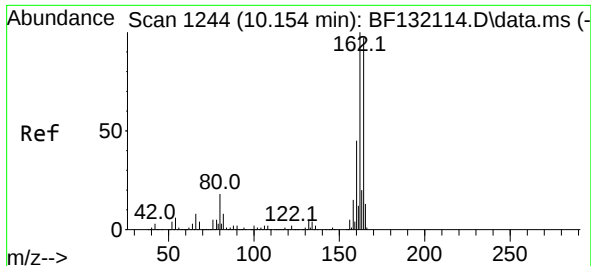
Tgt Ion:142 Resp: 908565

Ion Ratio Lower Upper

142 100

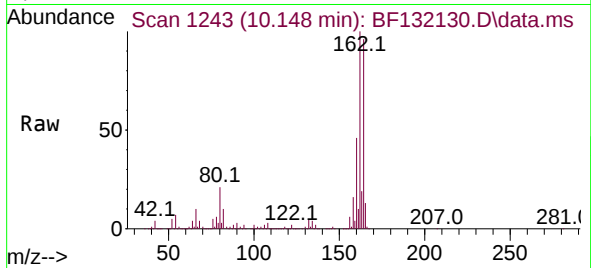
141 90.3 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

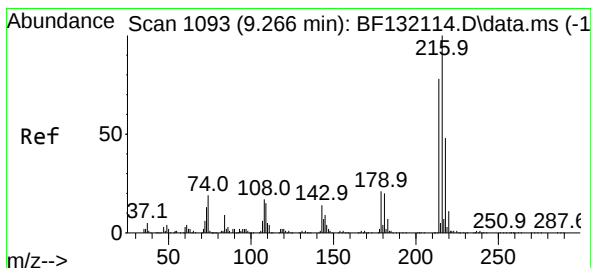
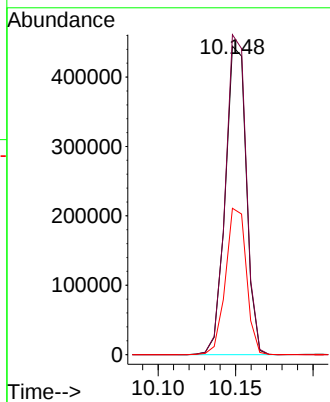
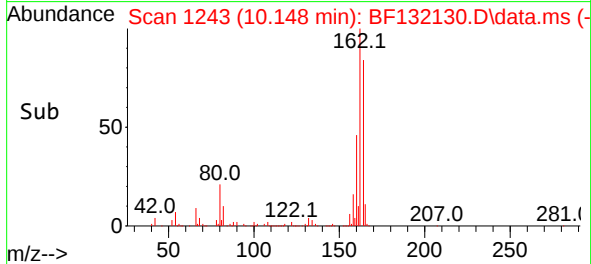
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:164 Resp: 419808
Ion Ratio Lower Upper
164 100
162 103.8 82.3 123.5
160 47.5 37.3 55.9

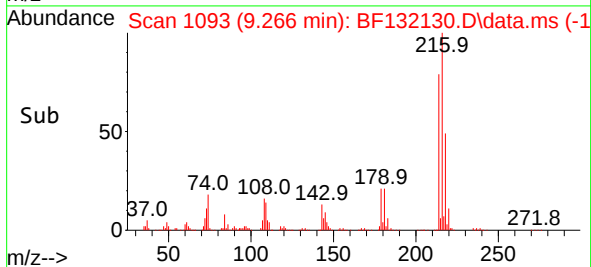
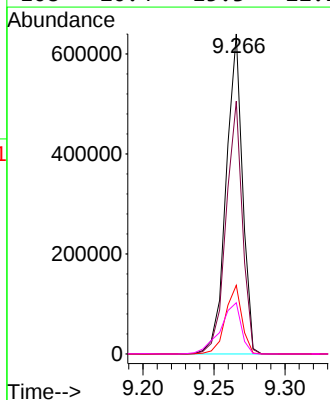
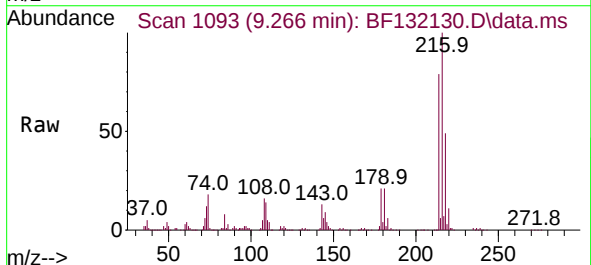
Manual Integrations
APPROVED

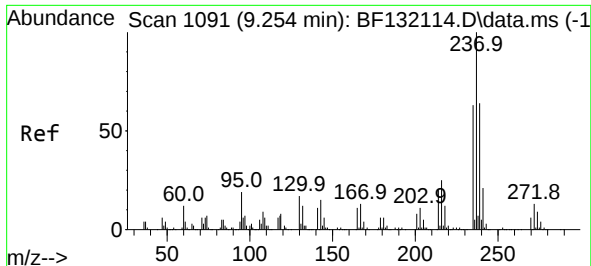
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.121 ng
RT: 9.266 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

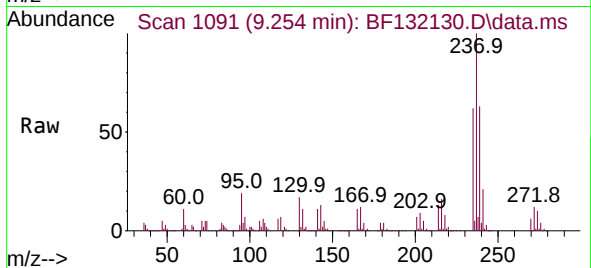
Tgt Ion:216 Resp: 514371
Ion Ratio Lower Upper
216 100
214 78.5 62.8 94.2
179 21.4 16.8 25.2
108 20.4 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 80.211 ng
RT: 9.254 min Scan# 1091
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

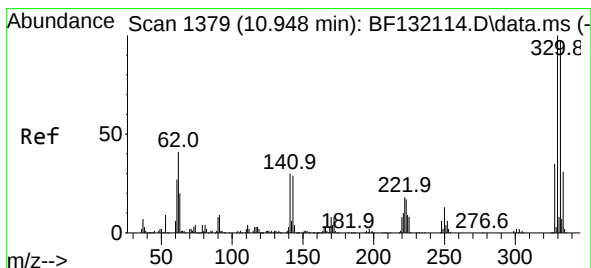
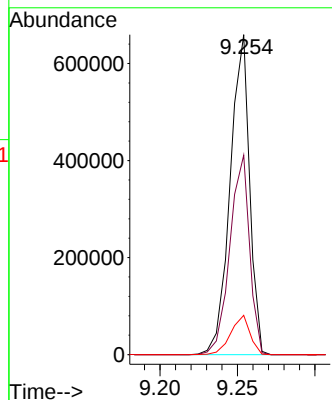
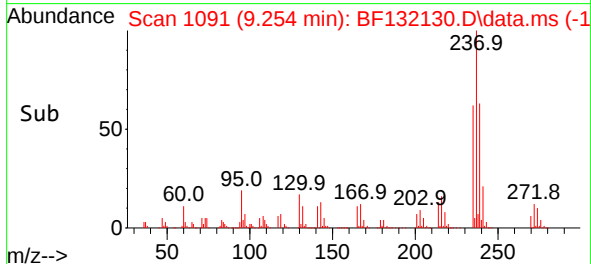
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



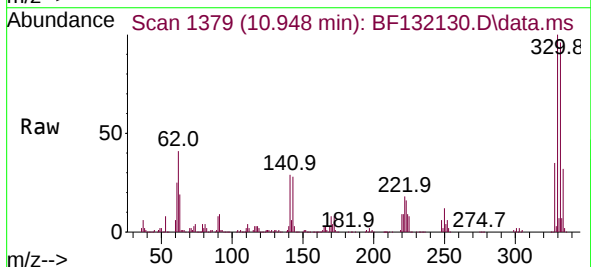
Tgt Ion:237 Resp: 575143
Ion Ratio Lower Upper
237 100
235 62.3 43.2 83.2
272 12.3 0.0 32.6

Manual Integrations
APPROVED

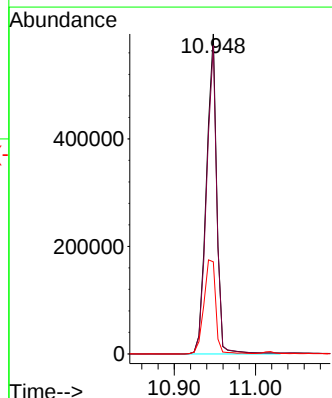
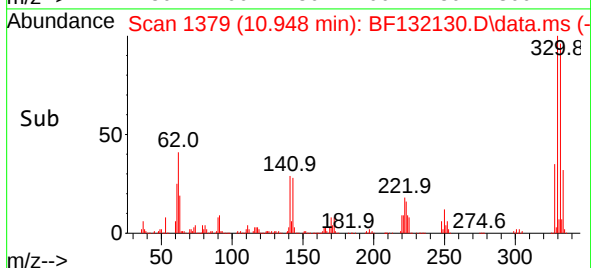
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

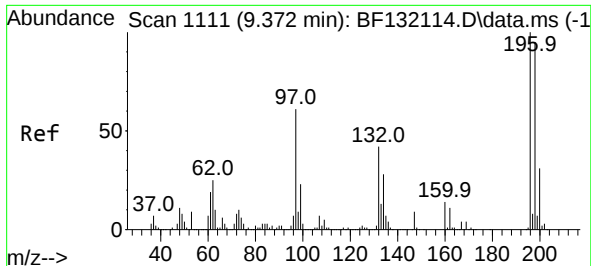


#42
2,4,6-Tribromophenol
Concen: 115.005 ng
RT: 10.948 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36



Tgt Ion:330 Resp: 528245
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 33.6 28.2 42.4





#43

2,4,6-Trichlorophenol

Concen: 40.524 ng

RT: 9.372 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF132130.D

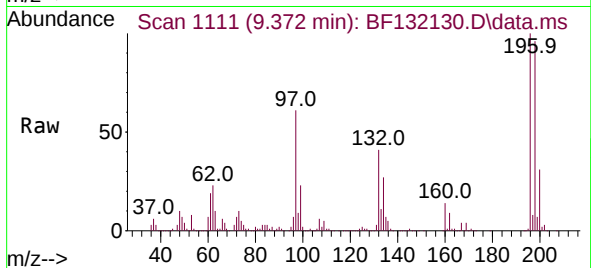
Acq: 18 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

TP-EMSD



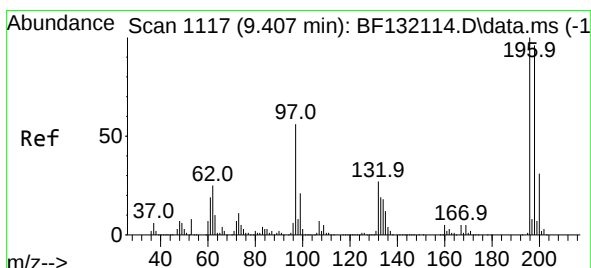
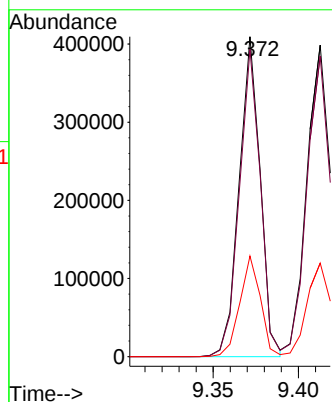
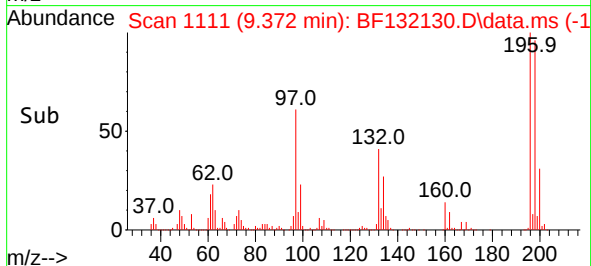
Tgt Ion:	196	Resp:	351415
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.3	114.5
200	31.4	24.6	36.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#44

2,4,5-Trichlorophenol

Concen: 36.821 ng

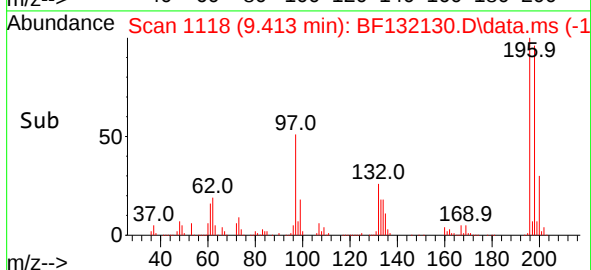
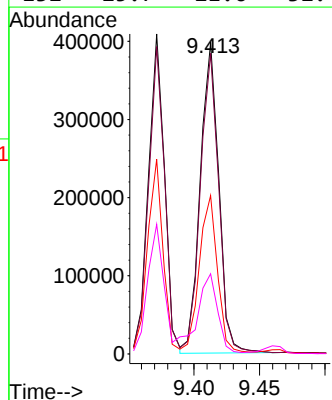
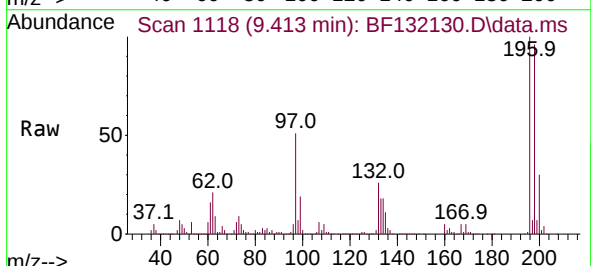
RT: 9.413 min Scan# 1118

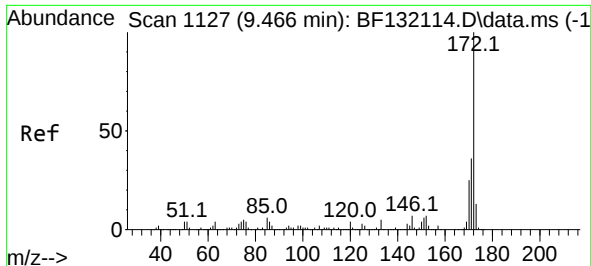
Delta R.T. 0.006 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

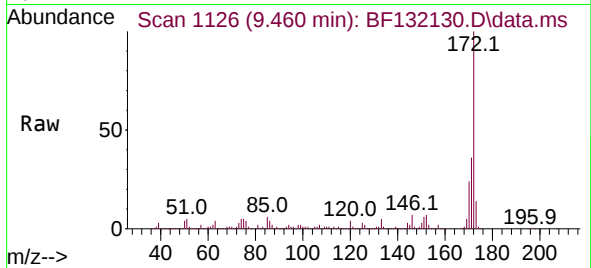
Tgt Ion:	196	Resp:	390195
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.5	114.7
97	50.8	44.8	67.2
132	25.7	21.6	32.4





#45
2-Fluorobiphenyl
Concen: 78.960 ng
RT: 9.460 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

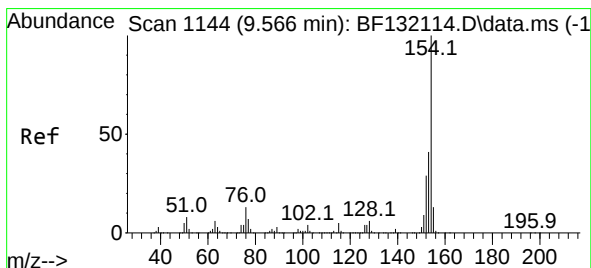
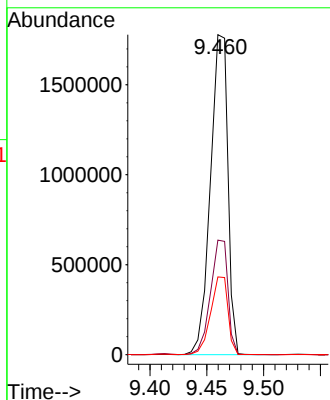
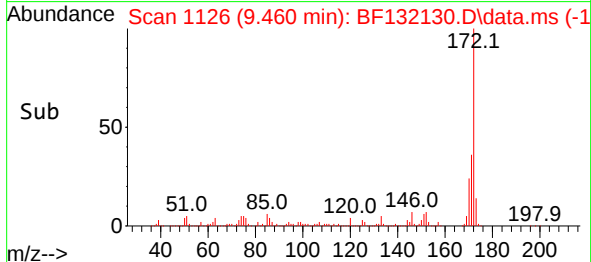
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:172 Resp: 1905164
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.3 19.7 29.5

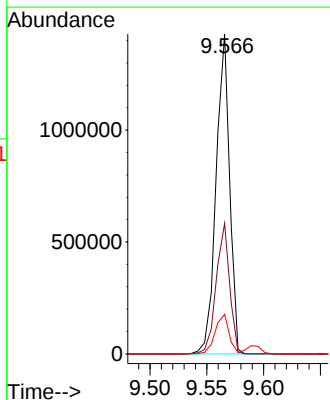
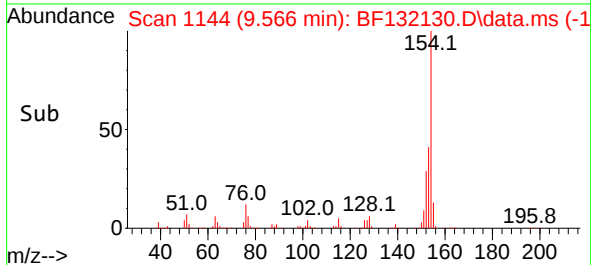
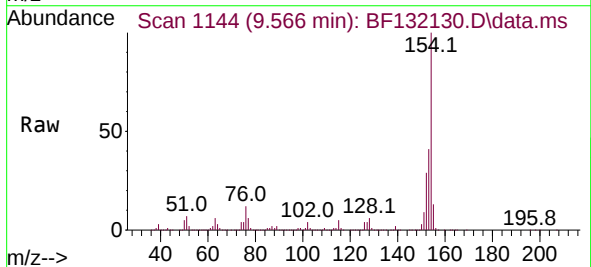
Manual Integrations
APPROVED

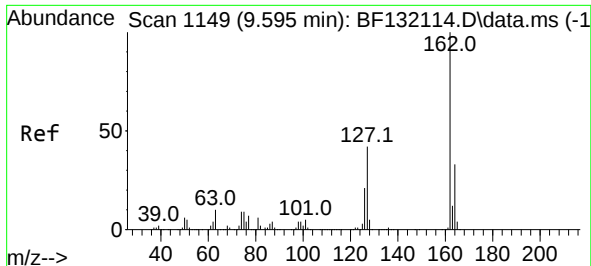
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#46
1,1'-Biphenyl
Concen: 38.082 ng
RT: 9.566 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

Tgt Ion:154 Resp: 1180331
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 12.4 0.0 32.9





#47

2-Chloronaphthalene

Concen: 38.835 ng

RT: 9.595 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

TP-EMSD

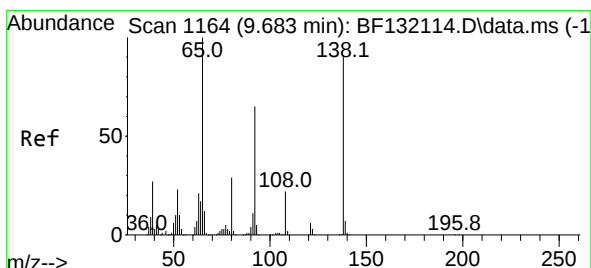
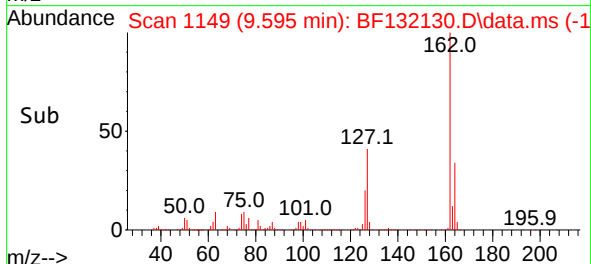
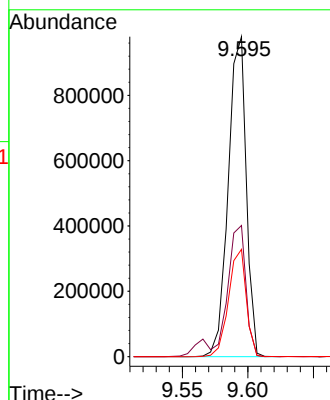
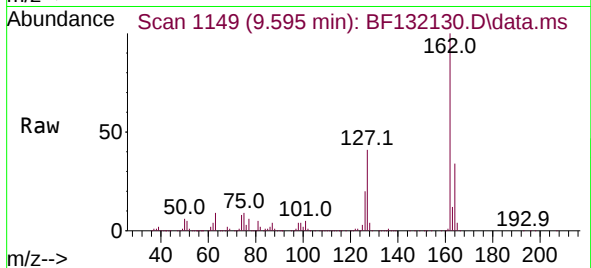
Tgt Ion:162 Resp: 939222

Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.8	50.8
164	33.5	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#48

2-Nitroaniline

Concen: 38.767 ng

RT: 9.683 min Scan# 1164

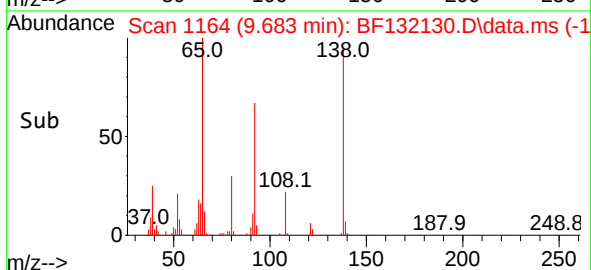
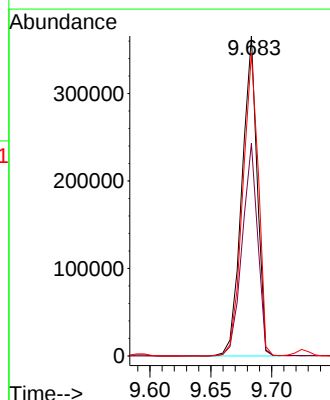
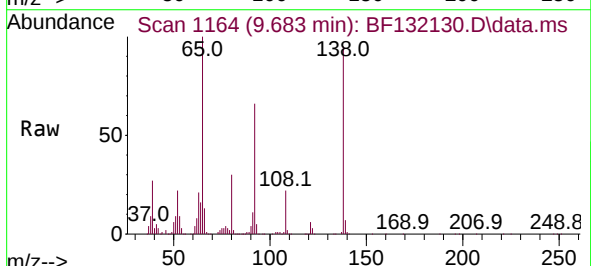
Delta R.T. -0.000 min

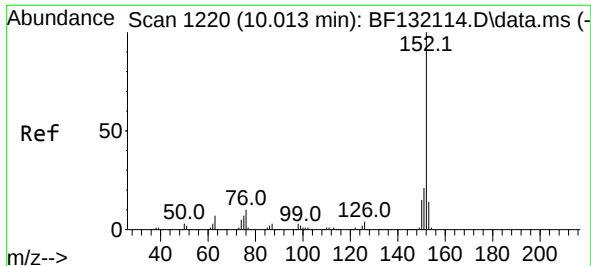
Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

Tgt Ion: 65 Resp: 319630

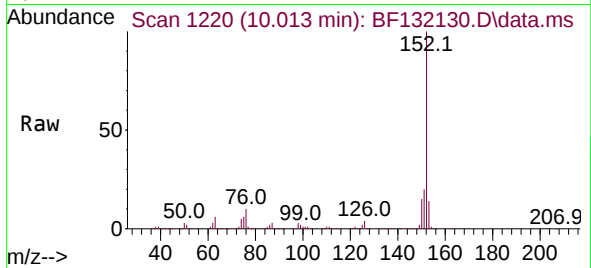
Ion	Ratio	Lower	Upper
65	100		
92	66.4	51.9	77.9
138	94.6	72.6	109.0





#49
Acenaphthylene
Concen: 37.594 ng
RT: 10.013 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

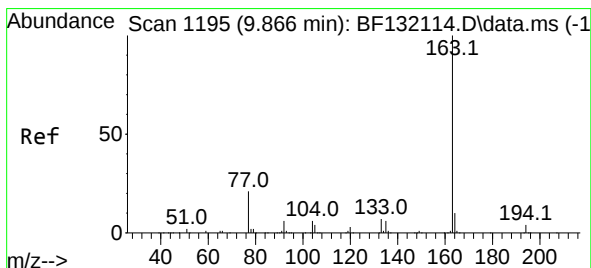
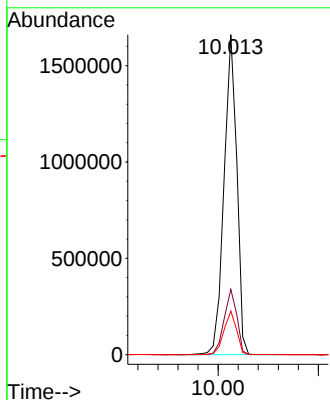
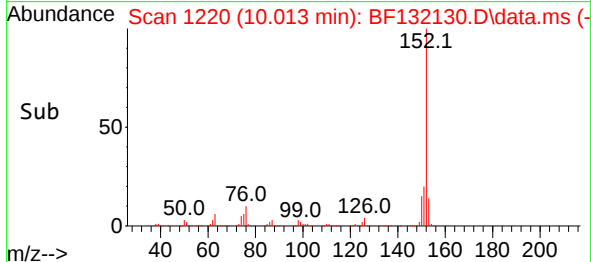
Instrument :
BNA_F
Client SampleId :
TP-EMSD



Tgt Ion:152 Resp: 147334
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1
153 13.6 11.0 16.4

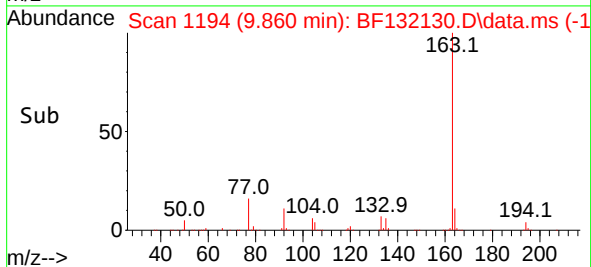
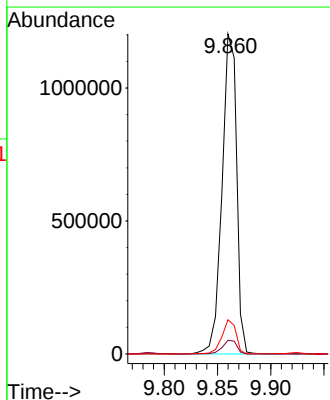
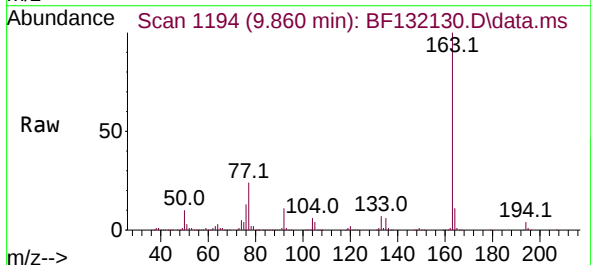
Manual Integrations
APPROVED

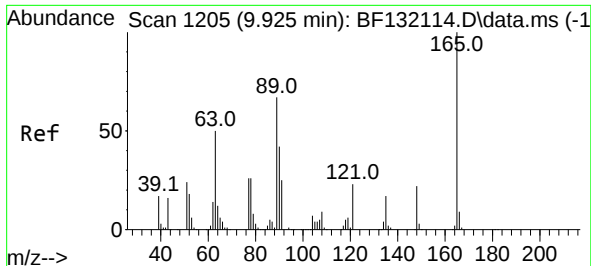
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#50
Dimethylphthalate
Concen: 37.664 ng
RT: 9.860 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

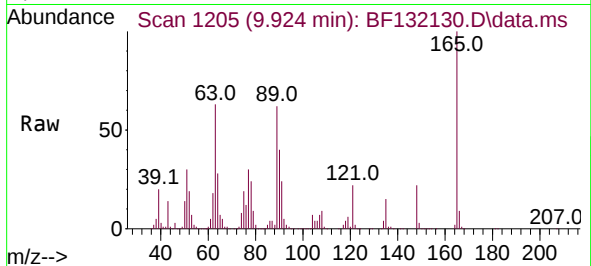
Tgt Ion:163 Resp: 1149425
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.7 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 39.593 ng
RT: 9.924 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

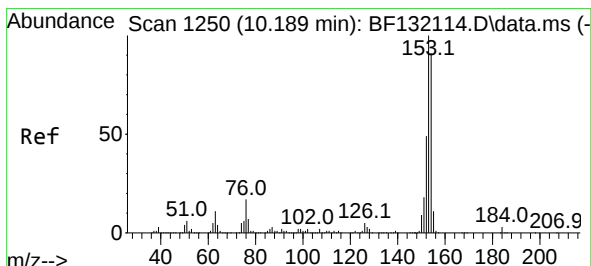
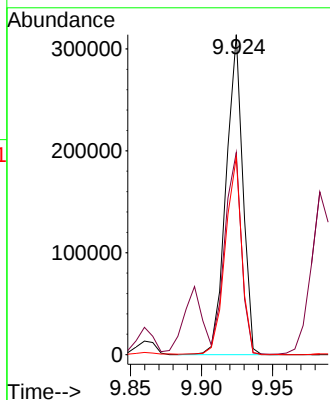
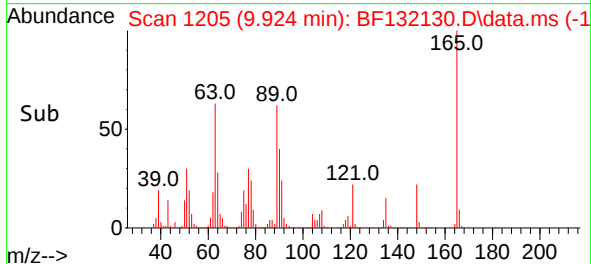
Instrument :
BNA_F
Client SampleId :
TP-EMSD



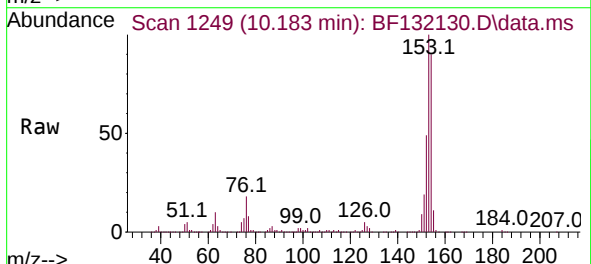
Tgt Ion:165 Resp: 257037
Ion Ratio Lower Upper
165 100
63 63.1 57.0 85.4
89 61.7 54.0 81.0

Manual Integrations
APPROVED

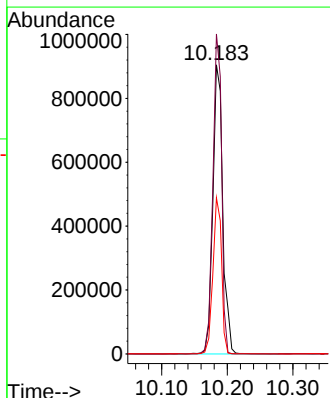
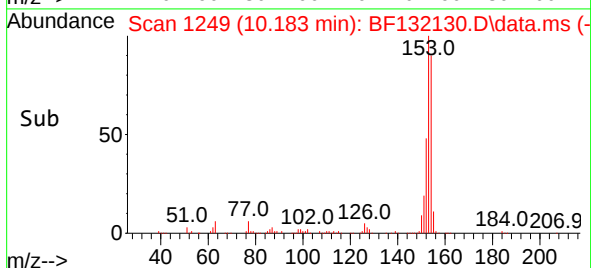
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

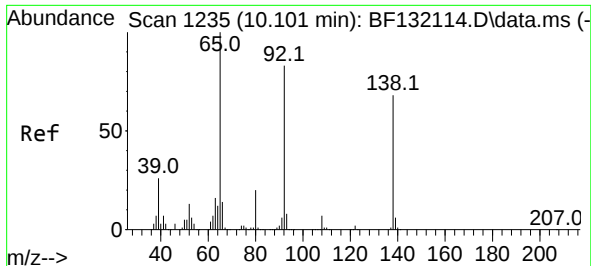


#52
Acenaphthene
Concen: 40.130 ng
RT: 10.183 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36



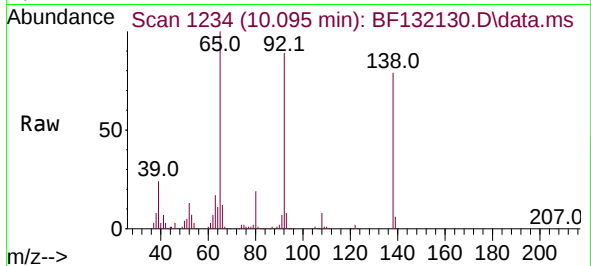
Tgt Ion:154 Resp: 952396
Ion Ratio Lower Upper
154 100
153 110.7 87.6 131.4
152 54.0 42.6 64.0





#53
3-Nitroaniline
Concen: 16.055 ng
RT: 10.095 min Scan# 11034
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

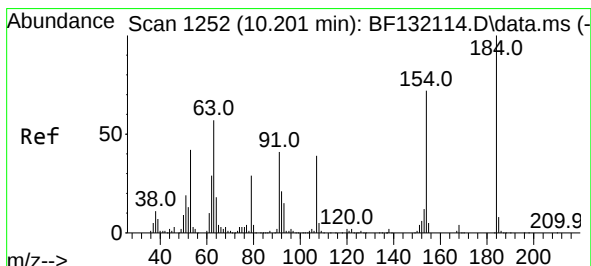
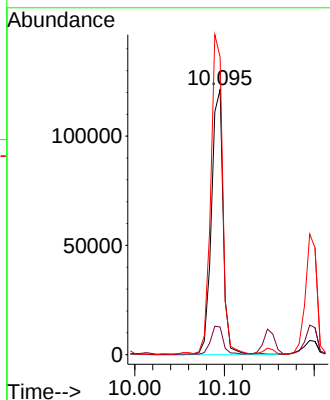
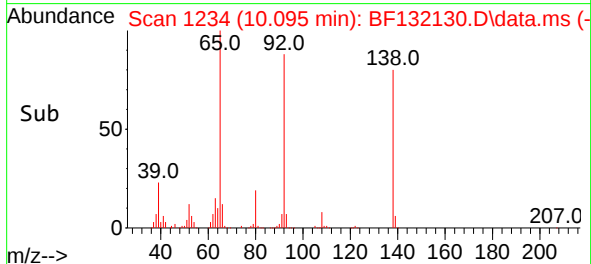
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:138 Resp: 11034
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 112.2 97.4 146.2

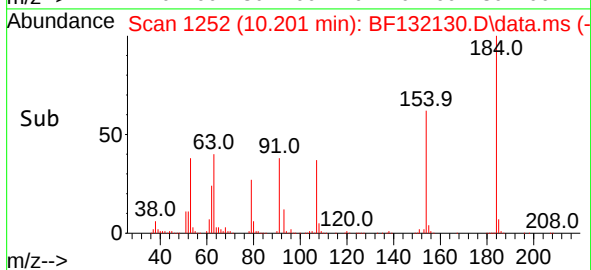
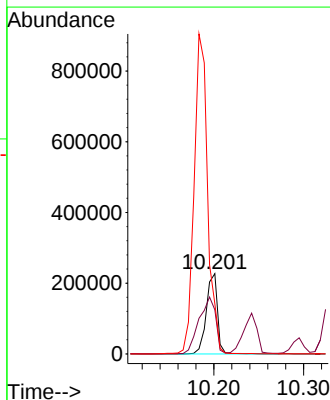
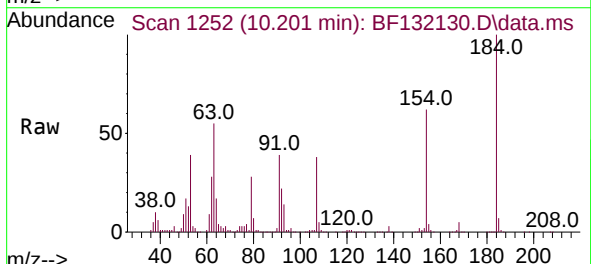
Manual Integrations
APPROVED

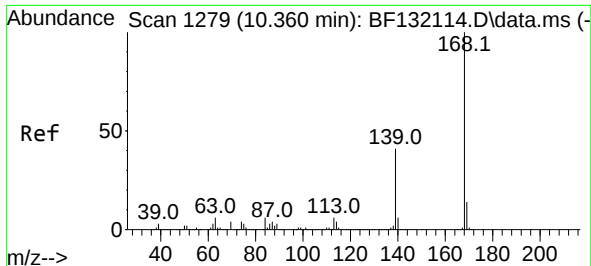
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#54
2,4-Dinitrophenol
Concen: 70.711 ng
RT: 10.201 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

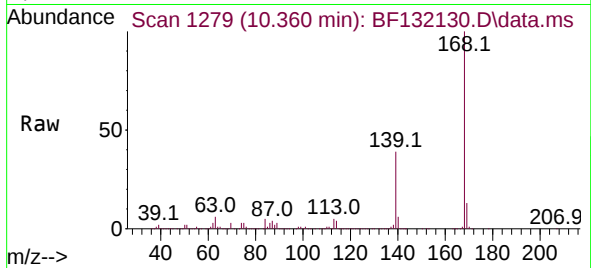
Tgt Ion:184 Resp: 195044
Ion Ratio Lower Upper
184 100
63 54.9 45.8 68.8
154 62.5 59.2 88.8





#55
Dibenzofuran
Concen: 37.157 ng
RT: 10.360 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

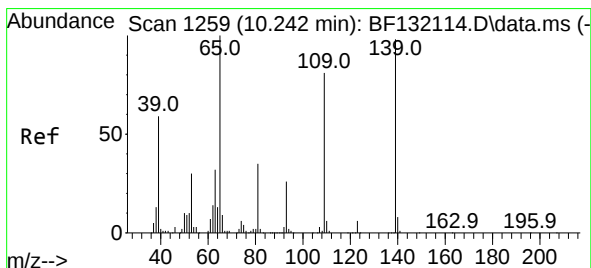
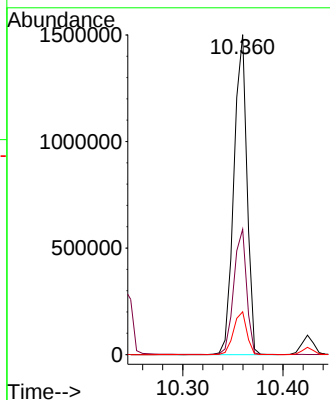
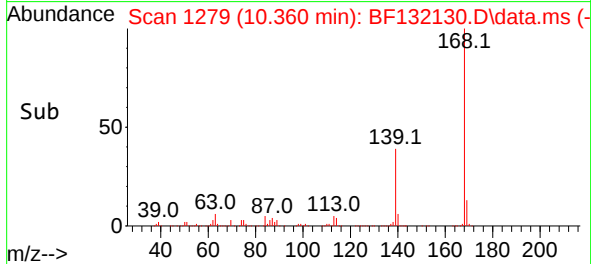
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:168 Resp: 1356852
Ion Ratio Lower Upper
168 100
139 39.2 32.6 49.0
169 13.4 11.0 16.4

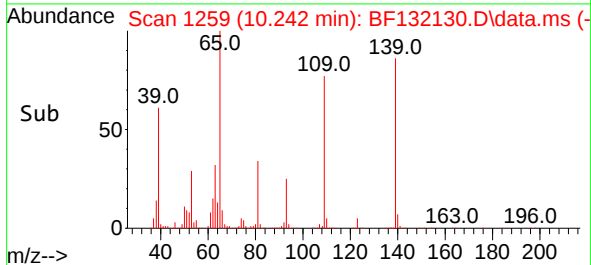
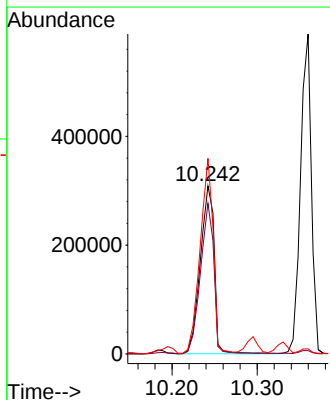
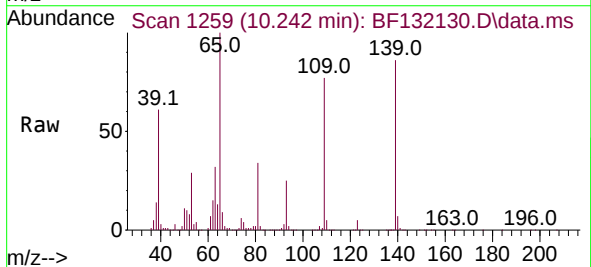
Manual Integrations
APPROVED

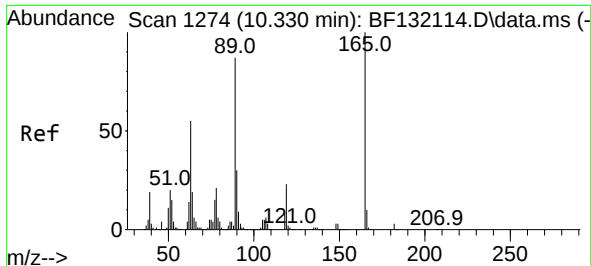
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#56
4-Nitrophenol
Concen: 71.556 ng
RT: 10.242 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

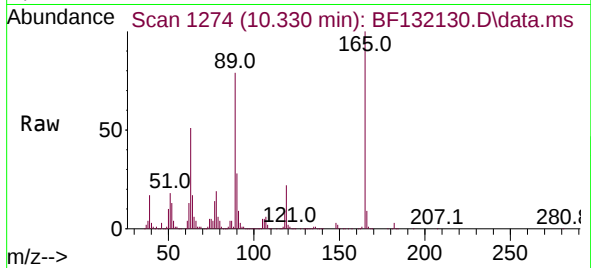
Tgt Ion:139 Resp: 351357
Ion Ratio Lower Upper
139 100
109 89.6 62.1 102.1
65 116.3 82.2 122.2





#57
2,4-Dinitrotoluene
Concen: 41.072 ng
RT: 10.330 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

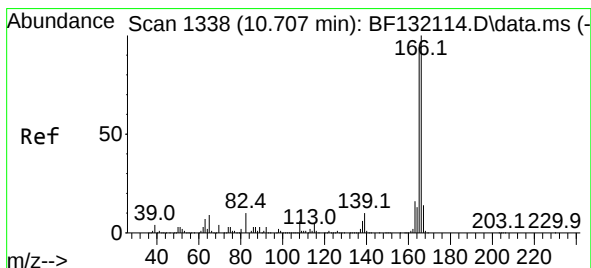
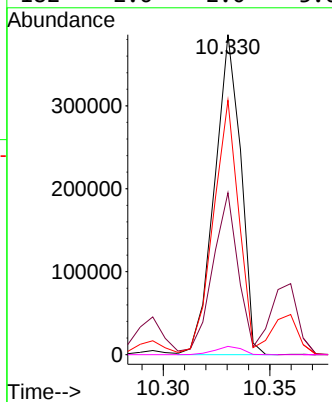
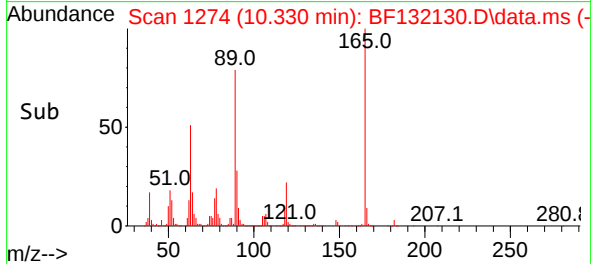
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:165 Resp: 329343
Ion Ratio Lower Upper
165 100
63 50.6 44.1 66.1
89 79.5 69.3 103.9
182 2.6 2.0 3.0

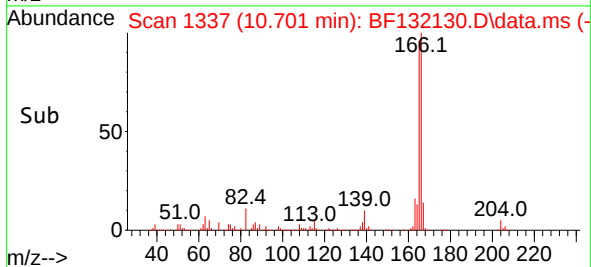
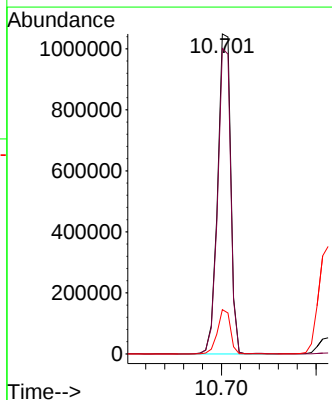
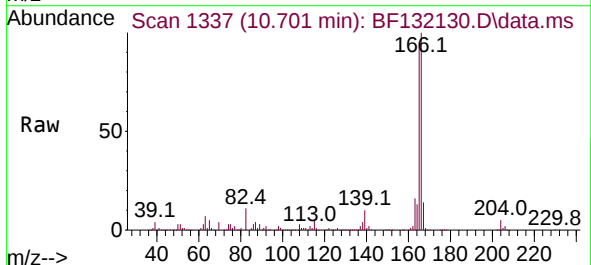
Manual Integrations
APPROVED

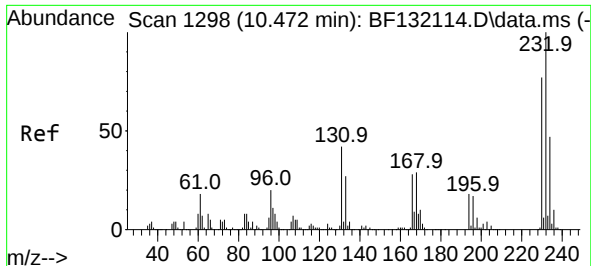
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#58
Fluorene
Concen: 36.996 ng
RT: 10.701 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

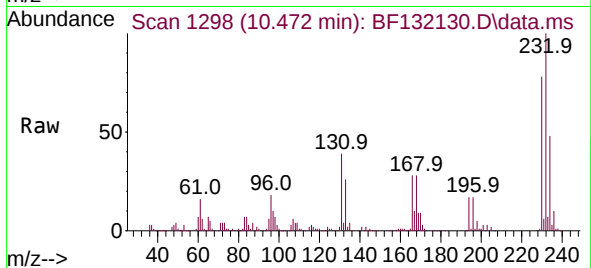
Tgt Ion:166 Resp: 1001892
Ion Ratio Lower Upper
166 100
165 95.4 75.2 112.8
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.012 ng
RT: 10.472 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

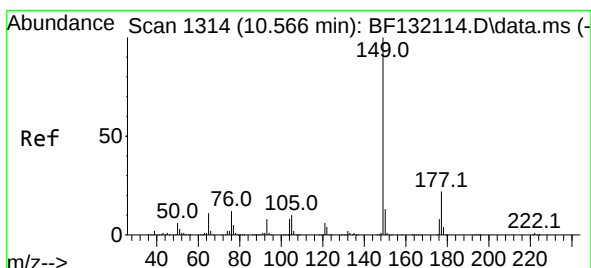
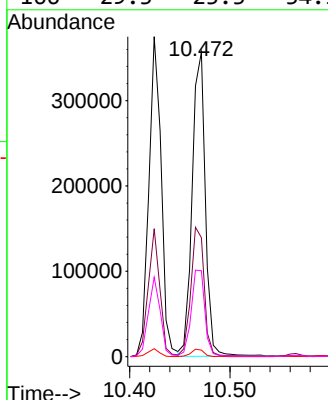
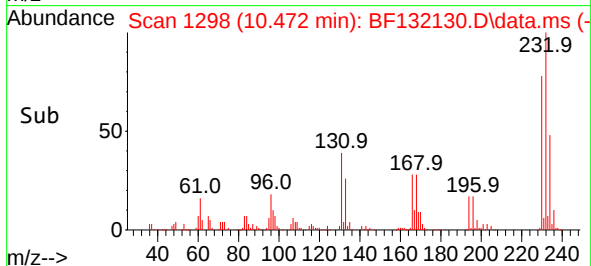
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



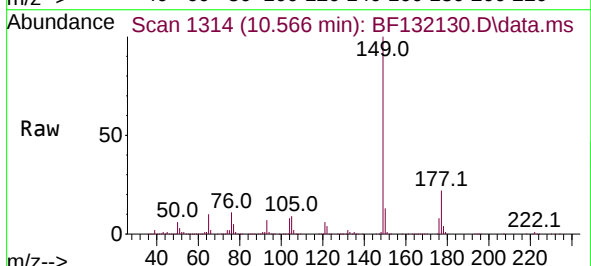
Tgt Ion:232 Resp: 325393
Ion Ratio Lower Upper
232 100
131 43.1 34.3 51.5
130 2.4 1.9 2.9
166 29.3 23.3 34.9

Manual Integrations
APPROVED

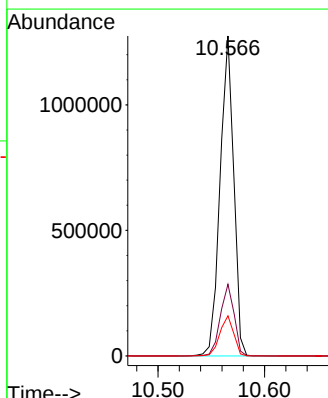
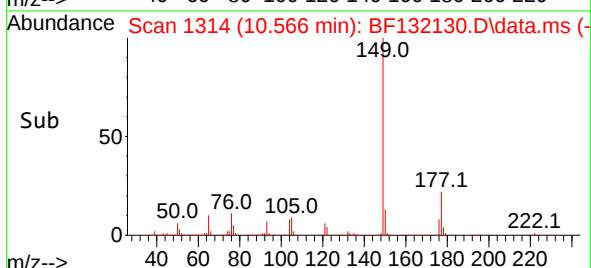
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

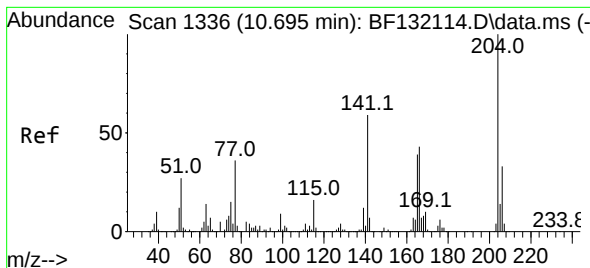


#60
Diethylphthalate
Concen: 37.215 ng
RT: 10.566 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36



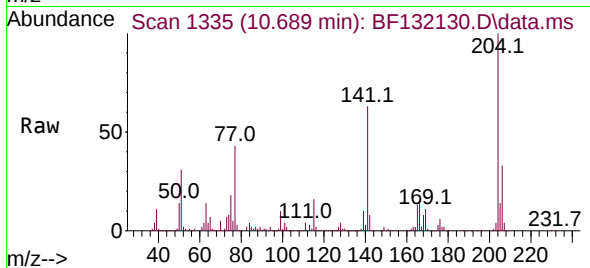
Tgt Ion:149 Resp: 1137207
Ion Ratio Lower Upper
149 100
177 22.4 17.7 26.5
150 12.5 10.4 15.6





#61
4-Chlorophenyl-phenylether
Concen: 37.141 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

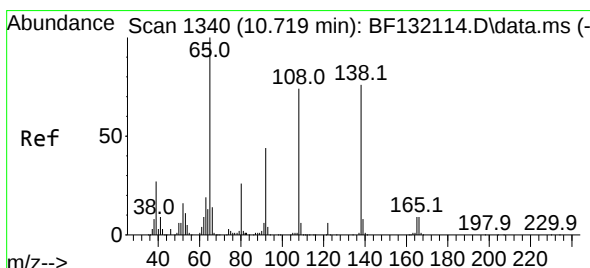
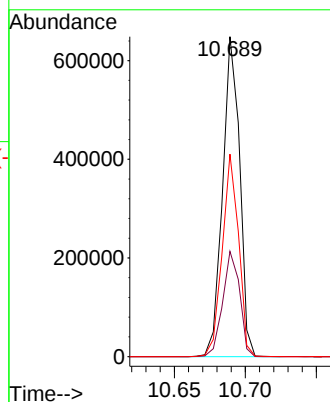
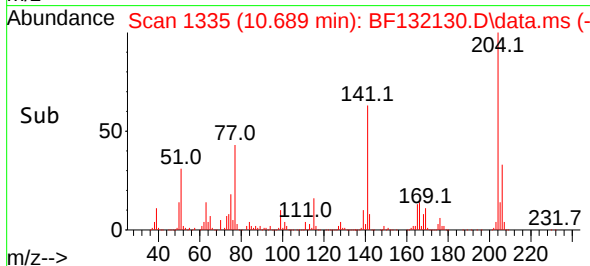
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:204 Resp: 540612
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 63.3 47.1 70.7

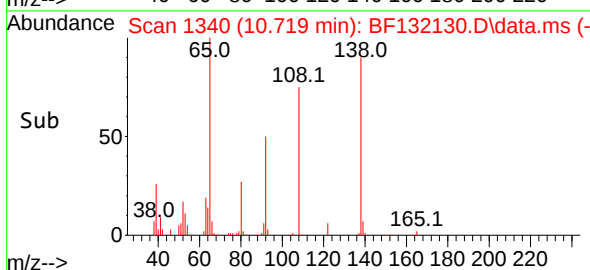
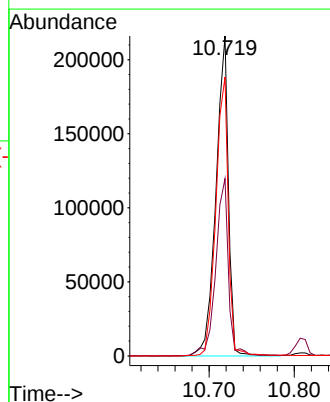
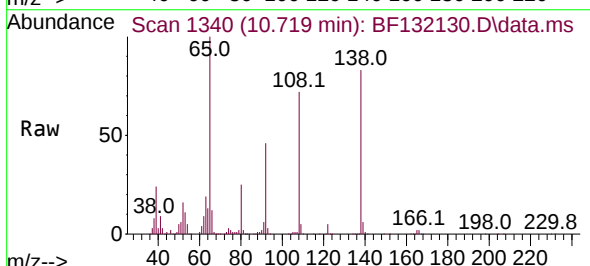
Manual Integrations
APPROVED

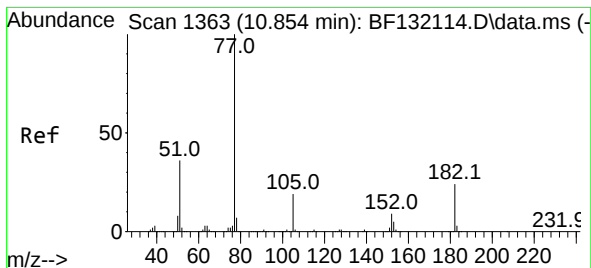
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#62
4-Nitroaniline
Concen: 35.417 ng
RT: 10.719 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

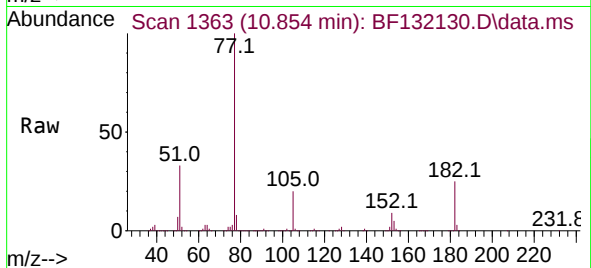
Tgt Ion:138 Resp: 219505
Ion Ratio Lower Upper
138 100
92 55.4 38.7 78.7
108 87.1 77.1 117.1





#63
Azobenzene
Concen: 36.740 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

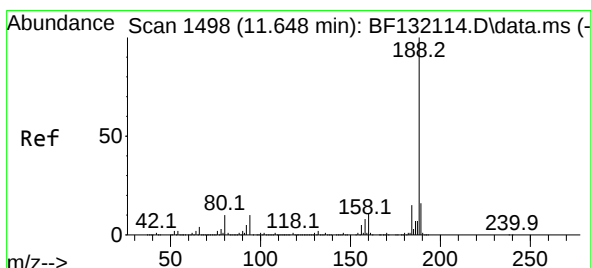
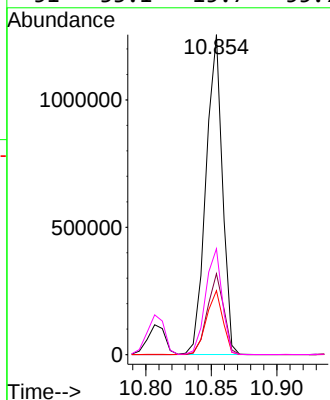
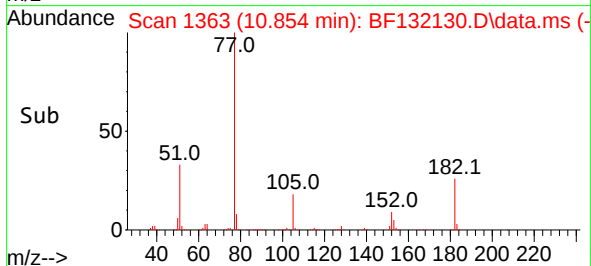
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion: 77 Resp: 1093582
Ion Ratio Lower Upper
77 100
182 25.3 4.1 44.1
105 20.0 0.0 39.1
51 33.1 15.7 55.7

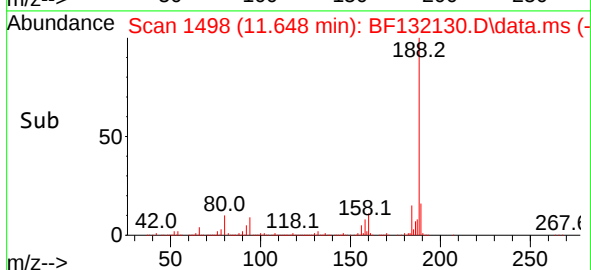
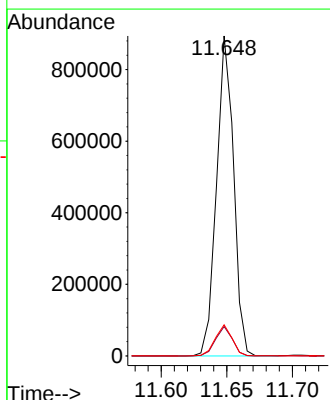
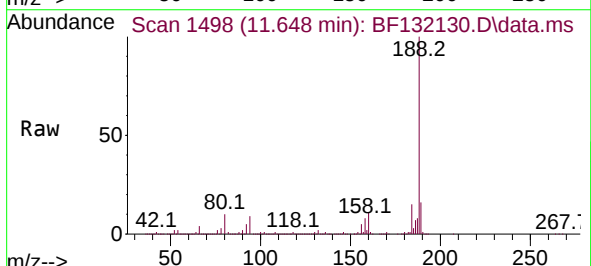
Manual Integrations
APPROVED

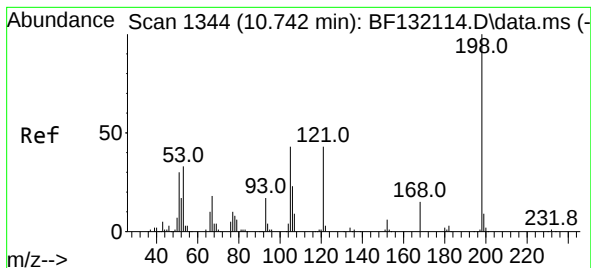
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

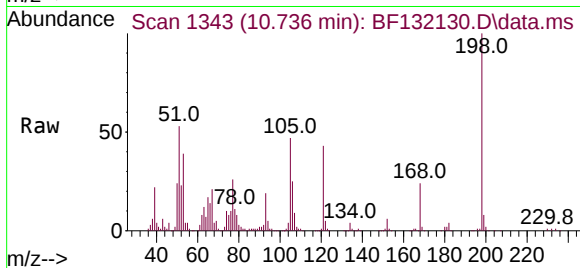
Tgt Ion:188 Resp: 810497
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 9.7 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 37.700 ng
RT: 10.736 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

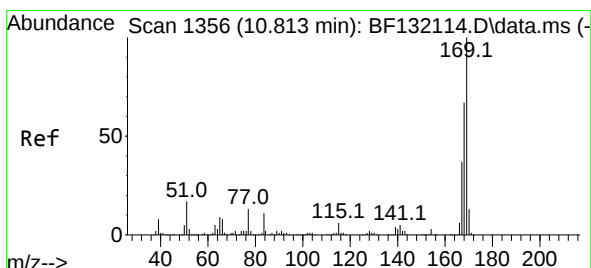
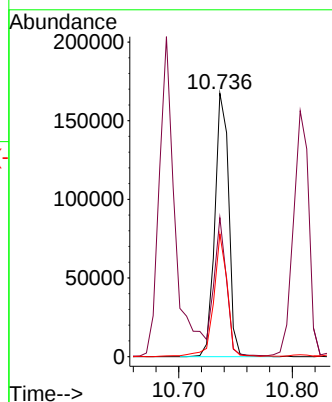
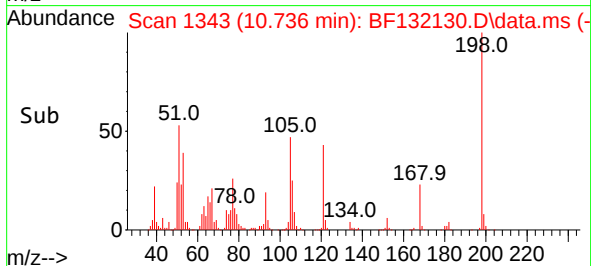
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:198 Resp: 142096
Ion Ratio Lower Upper
198 100
51 52.8 28.4 68.4
105 46.6 23.3 63.3

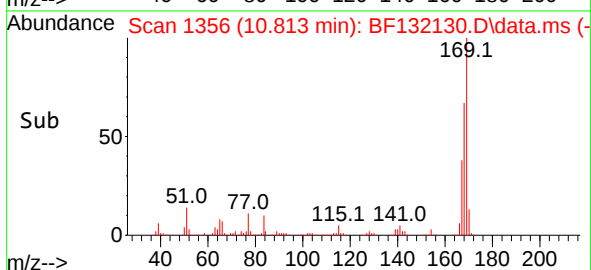
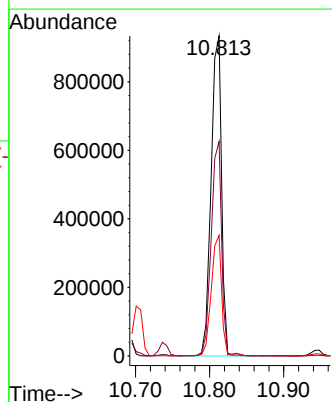
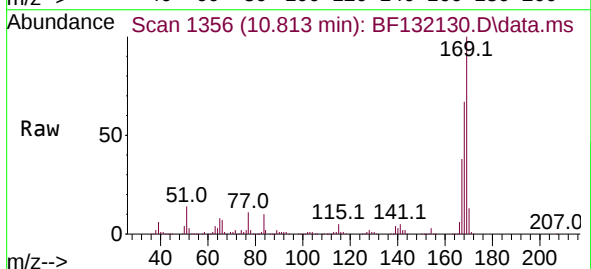
Manual Integrations
APPROVED

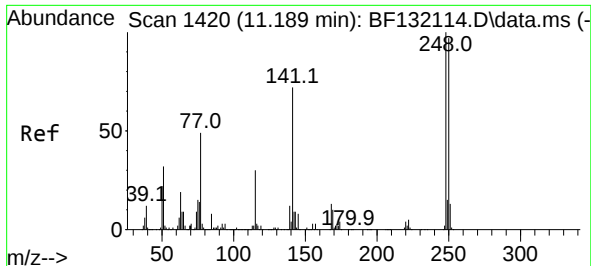
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#66
n-Nitrosodiphenylamine
Concen: 37.437 ng
RT: 10.813 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

Tgt Ion:169 Resp: 910637
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 37.7 29.4 44.0





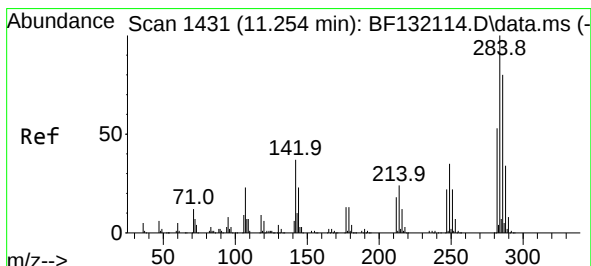
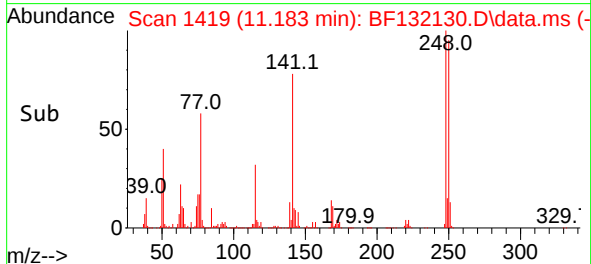
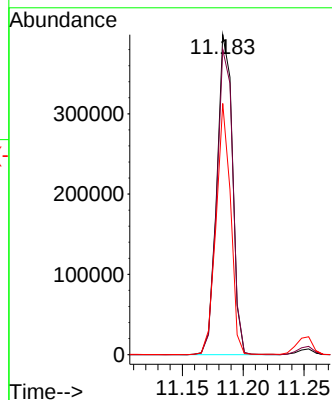
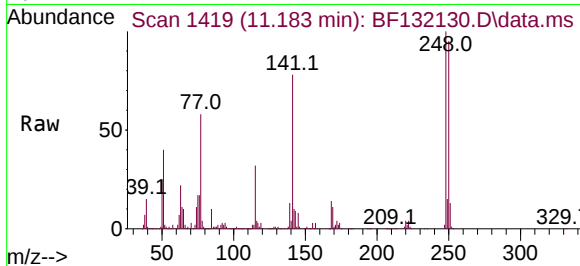
#67
4-Bromophenyl-phenylether
Concen: 38.856 ng
RT: 11.183 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

Instrument :
BNA_F
ClientSampleId :
TP-EMSD

Tgt Ion:248 Resp: 35773
Ion Ratio Lower Upper
248 100
250 95.3 77.8 116.8
141 78.5 57.6 86.4

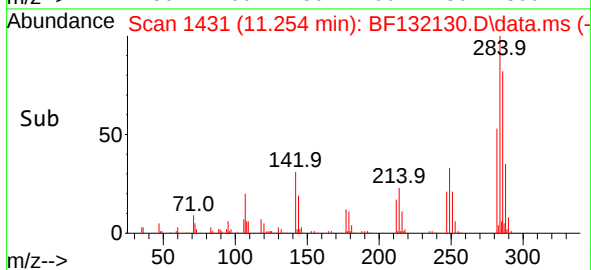
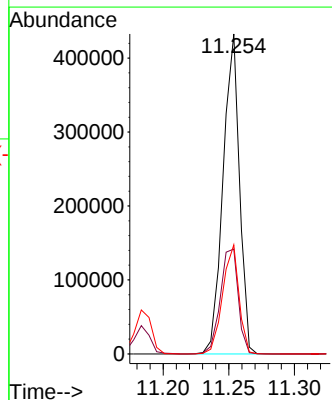
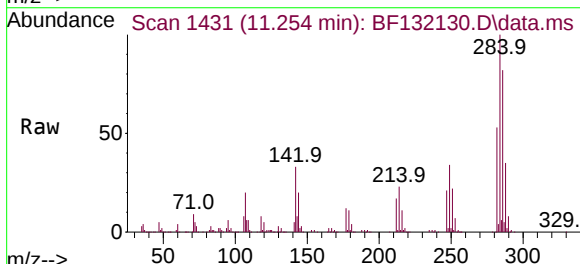
Manual Integrations
APPROVED

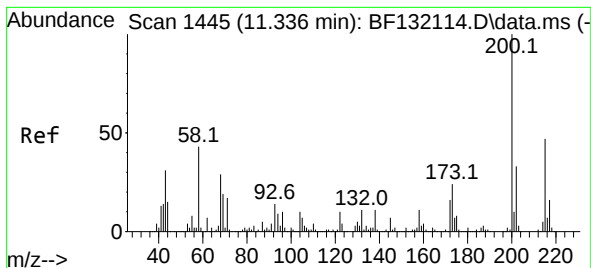
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#68
Hexachlorobenzene
Concen: 40.774 ng
RT: 11.254 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

Tgt Ion:284 Resp: 377685
Ion Ratio Lower Upper
284 100
142 32.8 29.4 44.2
249 34.1 27.7 41.5





#69

Atrazine

Concen: 40.320 ng

RT: 11.336 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

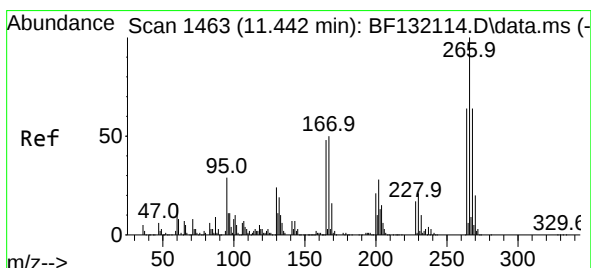
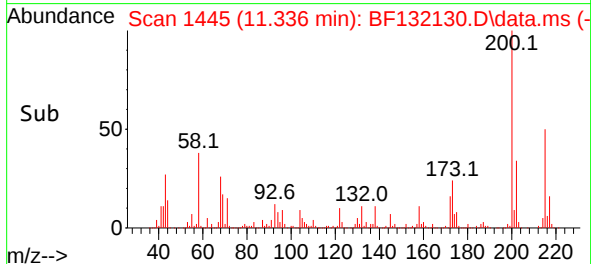
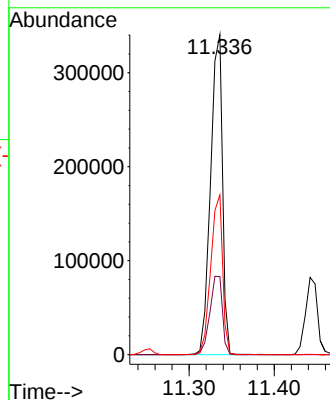
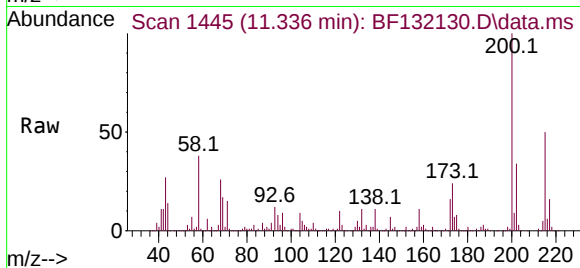
TP-EMSD

Tgt Ion:200 Resp: 330054
 Ion Ratio Lower Upper
 200 100
 173 24.4 4.6 44.6
 215 49.9 27.3 67.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023



#70

Pentachlorophenol

Concen: 67.317 ng

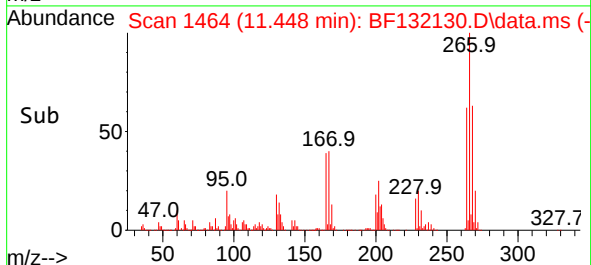
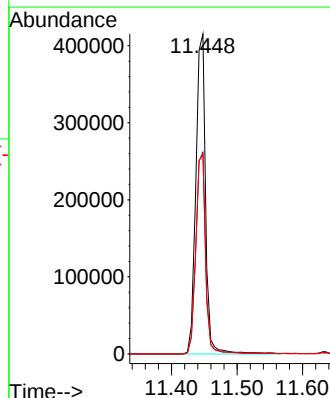
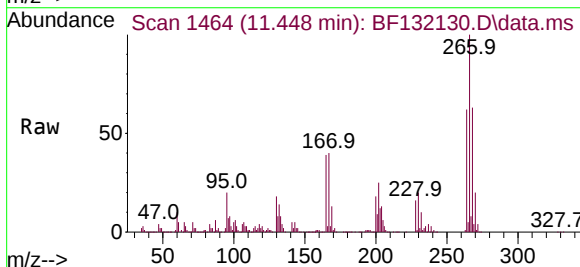
RT: 11.448 min Scan# 1464

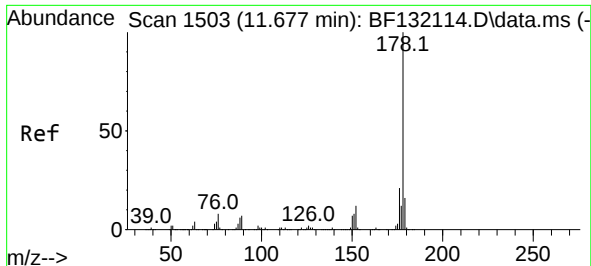
Delta R.T. 0.006 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

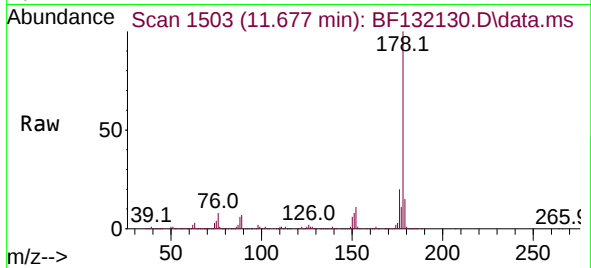
Tgt Ion:266 Resp: 428399
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.0 76.6
 264 62.1 51.6 77.4





#71
Phenanthrene
Concen: 37.802 ng
RT: 11.677 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

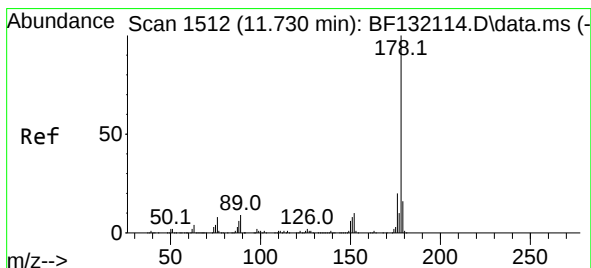
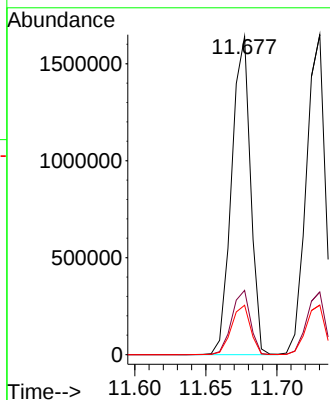
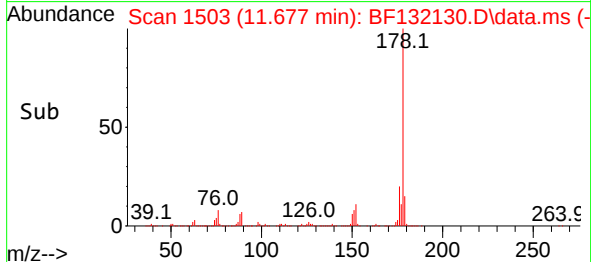
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



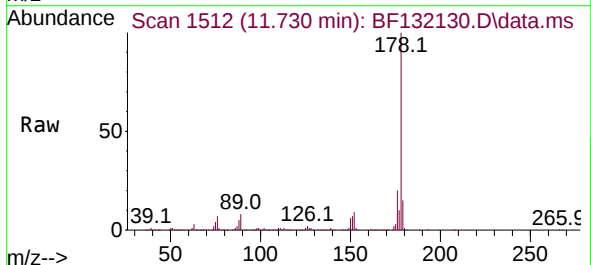
Tgt Ion:178 Resp: 1514602
Ion Ratio Lower Upper
178 100
176 20.2 16.4 24.6
179 15.5 12.7 19.1

Manual Integrations
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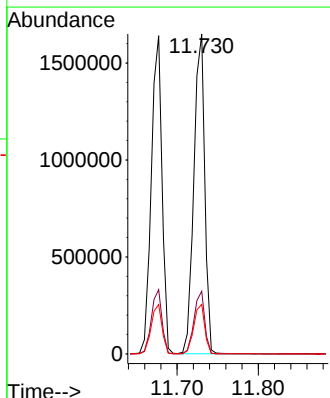
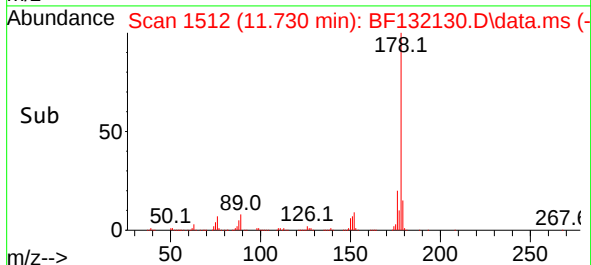
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

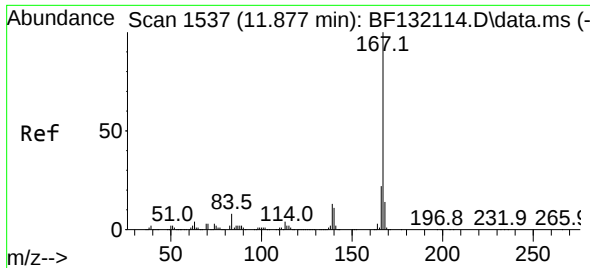


#72
Anthracene
Concen: 37.521 ng
RT: 11.730 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36



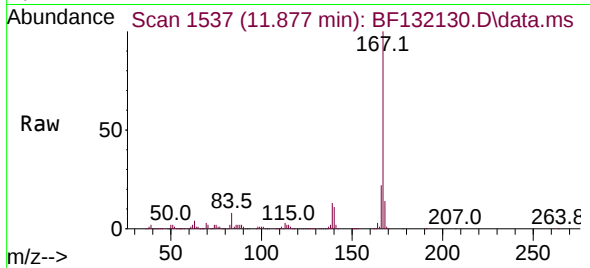
Tgt Ion:178 Resp: 1528585
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.5 12.9 19.3





#73
 Carbazole
 Concen: 37.403 ng
 RT: 11.877 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: BF132130.D
 Acq: 18 Jan 2023 21:36

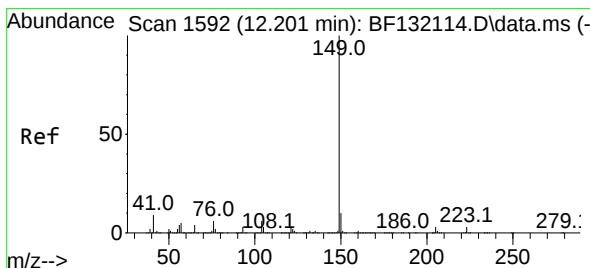
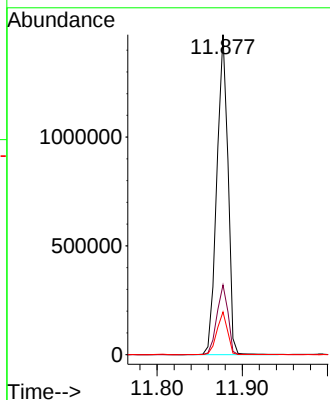
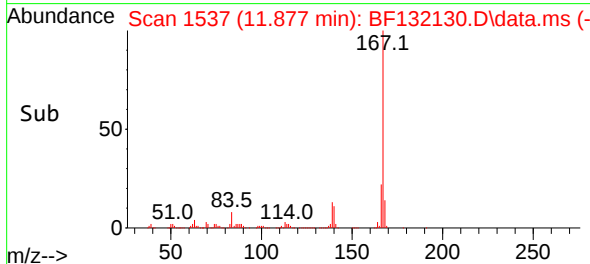
Instrument :
 BNA_F
 ClientSampleId :
 TP-EMSD



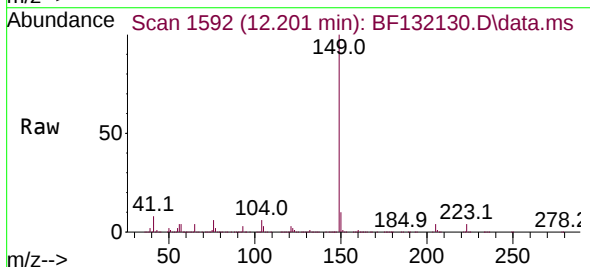
Tgt Ion:167 Resp: 1329596
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.3 10.8 16.2

Manual Integrations
 APPROVED

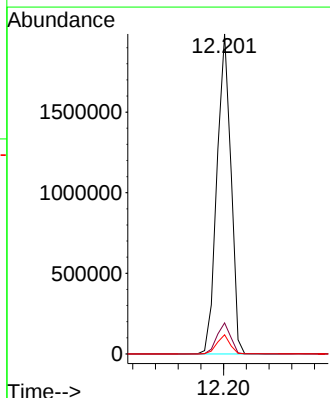
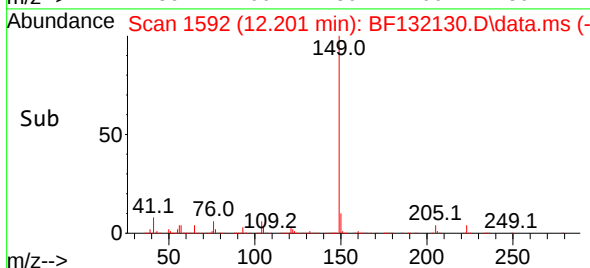
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

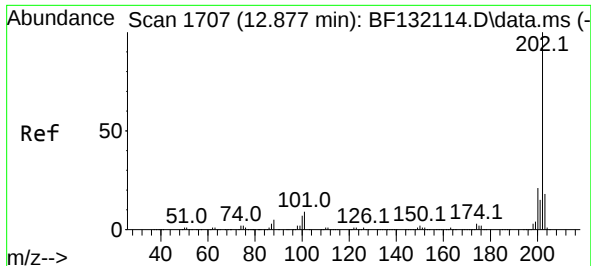


#74
 Di-n-butylphthalate
 Concen: 39.161 ng
 RT: 12.201 min Scan# 1592
 Delta R.T. -0.000 min
 Lab File: BF132130.D
 Acq: 18 Jan 2023 21:36



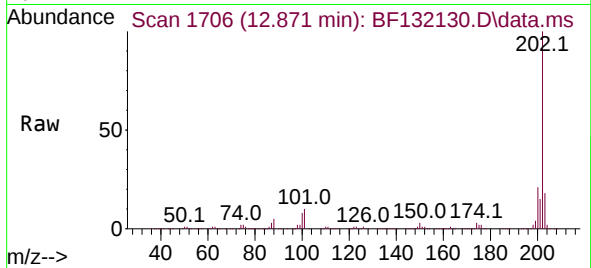
Tgt Ion:149 Resp: 1690518
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 6.0 4.8 7.2





#75
Fluoranthene
Concen: 37.633 ng
RT: 12.871 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

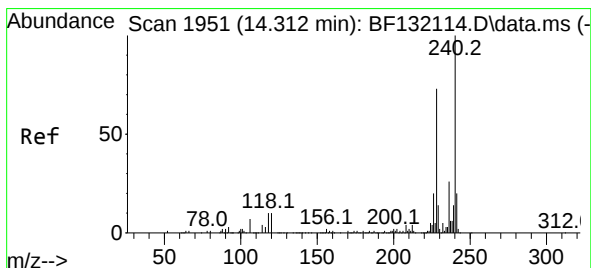
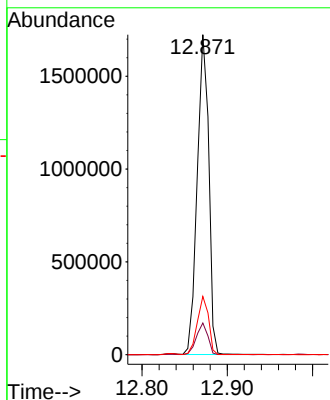
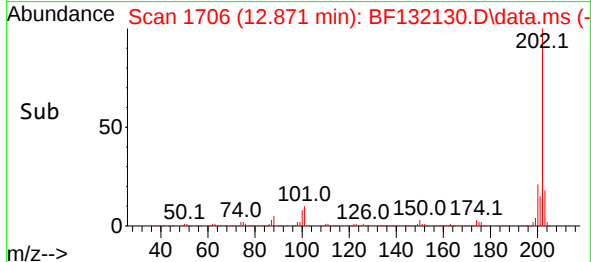
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:202 Resp: 1615132
Ion Ratio Lower Upper
202 100
101 9.9 0.0 28.9
203 18.2 0.0 37.7

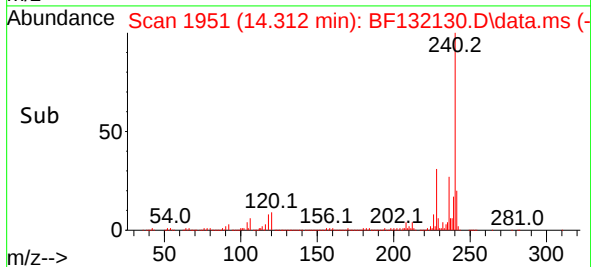
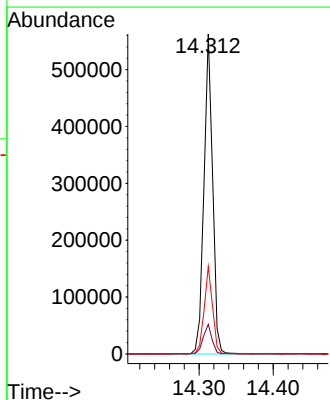
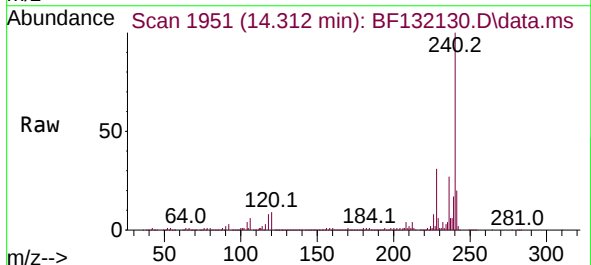
Manual Integrations
APPROVED

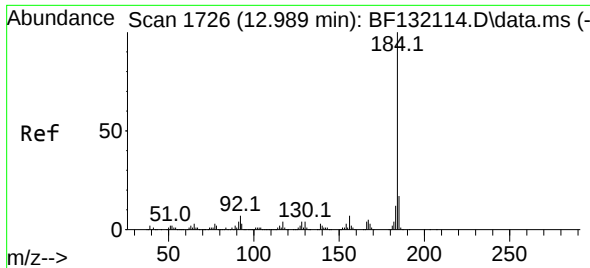
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.312 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

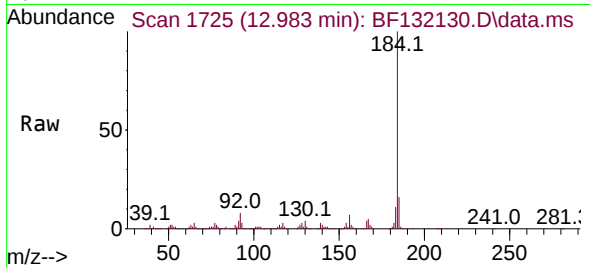
Tgt Ion:240 Resp: 455665
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.4
236 27.3 21.2 31.8





#77
Benzidine
Concen: 23.646 ng
RT: 12.983 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

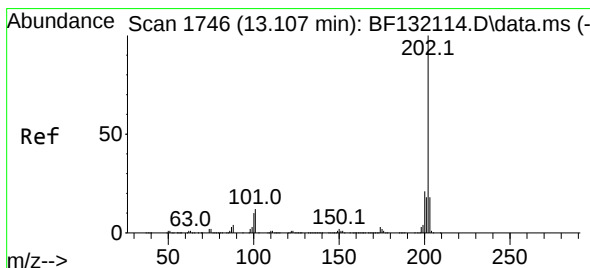
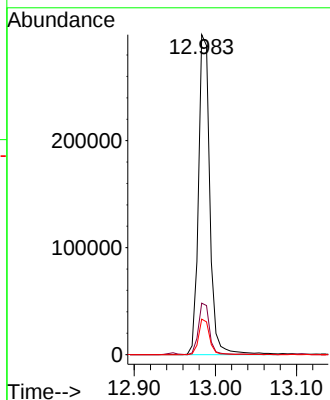
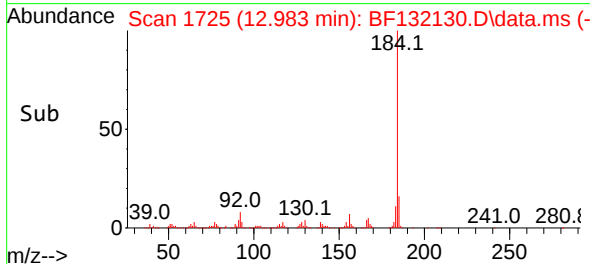
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:184 Resp: 290143
Ion Ratio Lower Upper
184 100
185 16.1 13.7 20.5
183 11.1 9.4 14.0

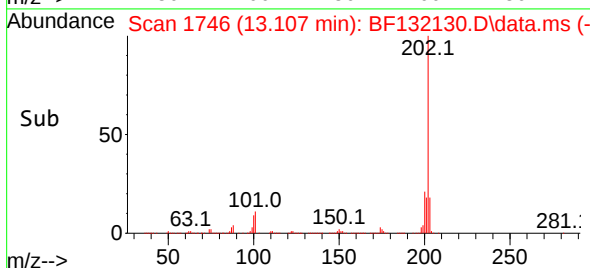
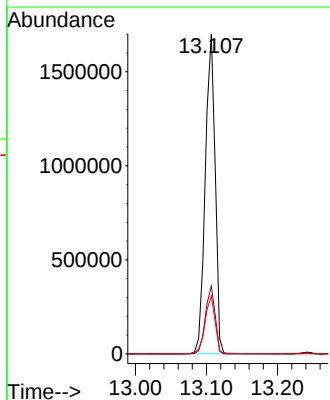
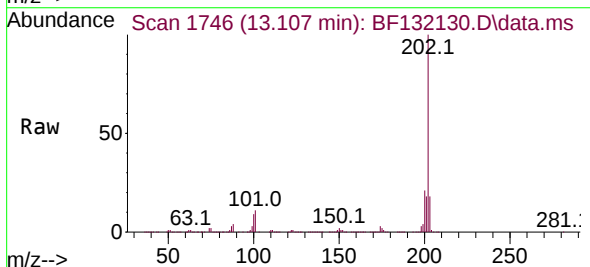
Manual Integrations
APPROVED

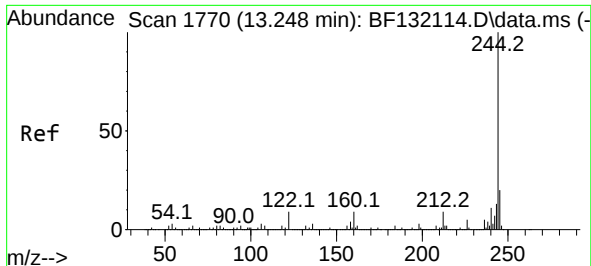
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#78
Pyrene
Concen: 37.348 ng
RT: 13.107 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

Tgt Ion:202 Resp: 1628927
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 18.1 14.6 22.0





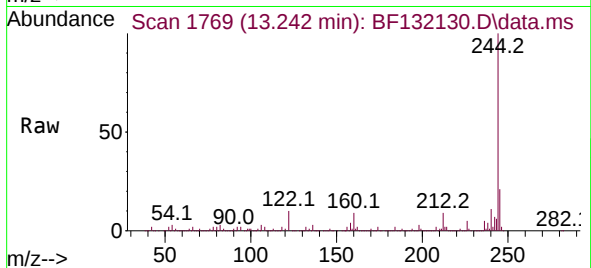
#79
 Terphenyl-d14
 Concen: 75.953 ng
 RT: 13.242 min Scan# 1770
 Delta R.T. -0.006 min
 Lab File: BF132130.D
 Acq: 18 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

TP-EMSD

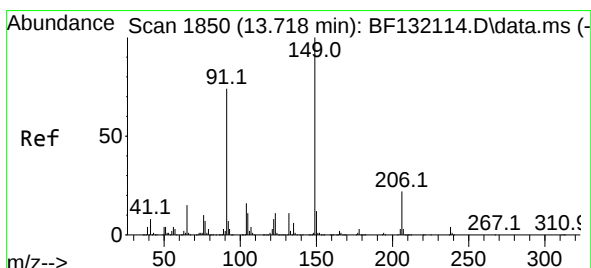
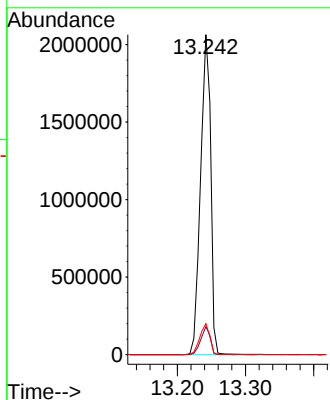
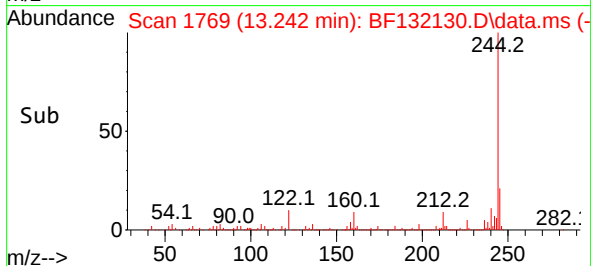


Tgt Ion:244 Resp: 2133045
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 9.7 7.0 10.6

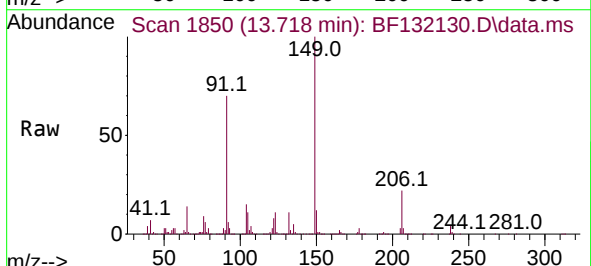
Manual Integrations

APPROVED

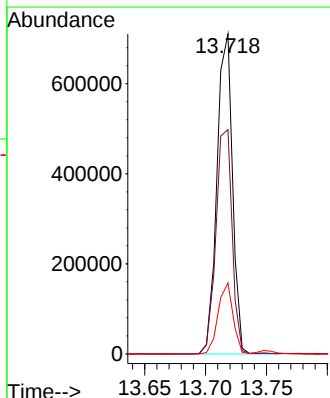
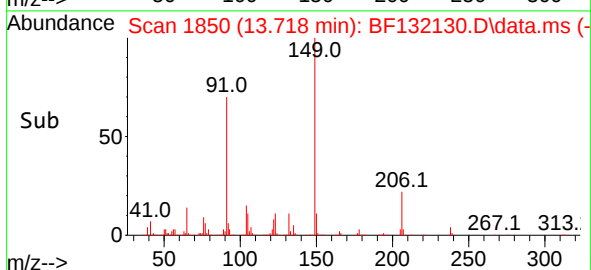
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

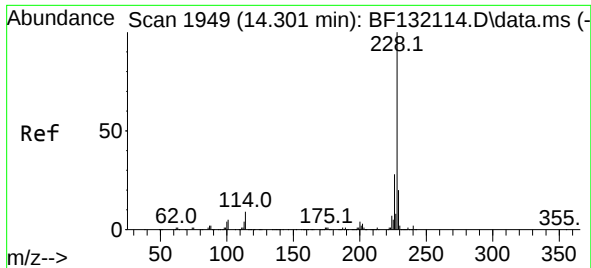


#80
 Butylbenzylphthalate
 Concen: 41.182 ng
 RT: 13.718 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: BF132130.D
 Acq: 18 Jan 2023 21:36



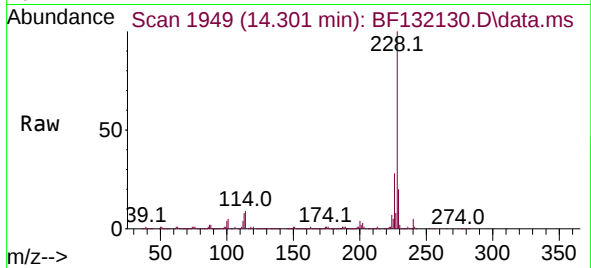
Tgt Ion:149 Resp: 633137
 Ion Ratio Lower Upper
 149 100
 91 70.1 59.2 88.8
 206 22.1 17.3 25.9





#81
Benzo(a)anthracene
Concen: 38.092 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

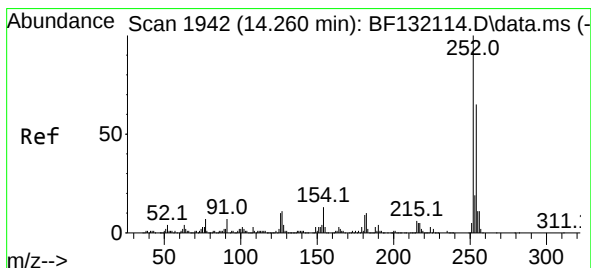
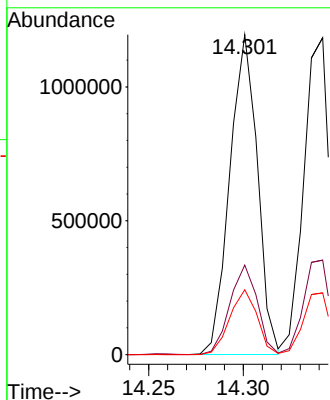
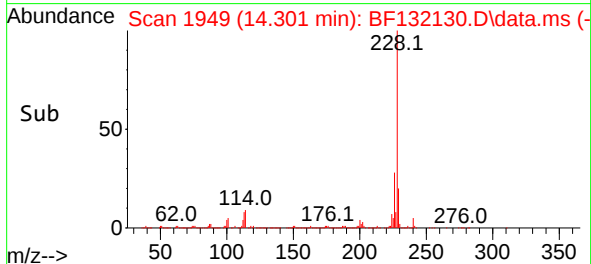
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



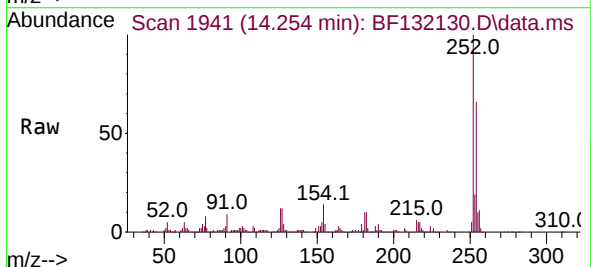
Tgt Ion:228 Resp: 1213132
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.3 16.0 24.0

Manual Integrations
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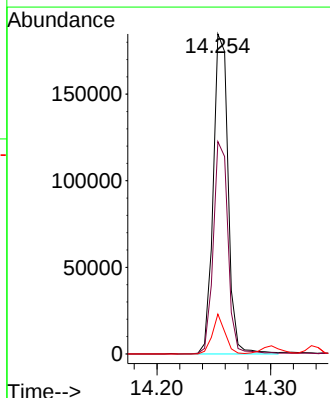
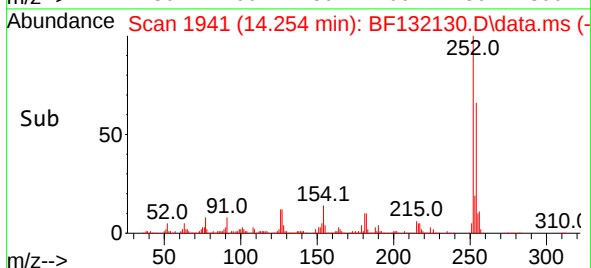
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

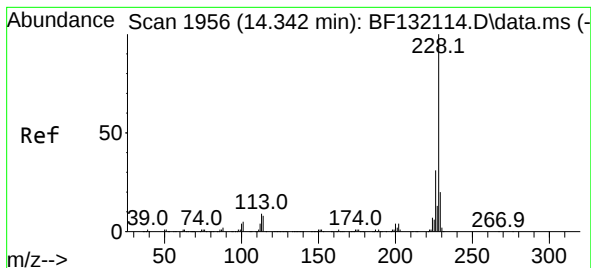


#82
3,3'-Dichlorobenzidine
Concen: 19.891 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36



Tgt Ion:252 Resp: 168502
Ion Ratio Lower Upper
252 100
254 66.3 52.2 78.2
126 12.4 8.2 12.4





#83

Chrysene

Concen: 37.570 ng

RT: 14.342 min Scan# 1956

Delta R.T. -0.000 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

TP-EMSD

Tgt Ion:228 Resp: 1124780

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

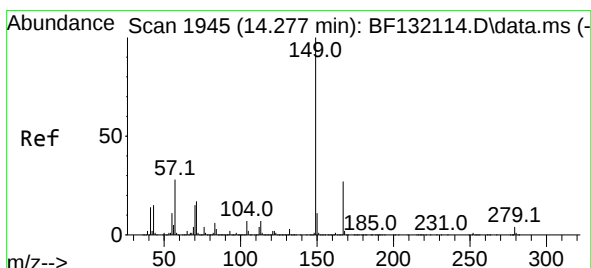
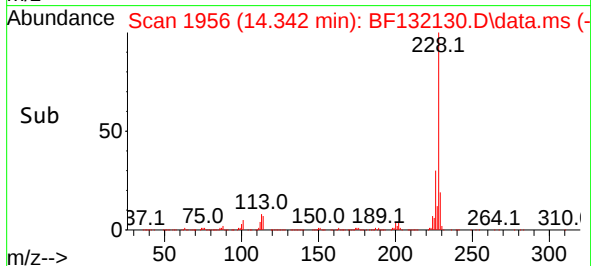
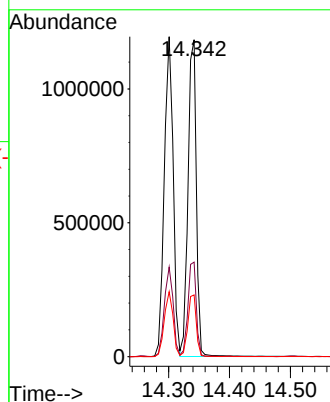
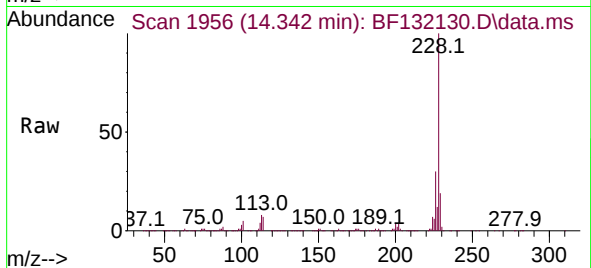
229 19.5 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.663 ng

RT: 14.271 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

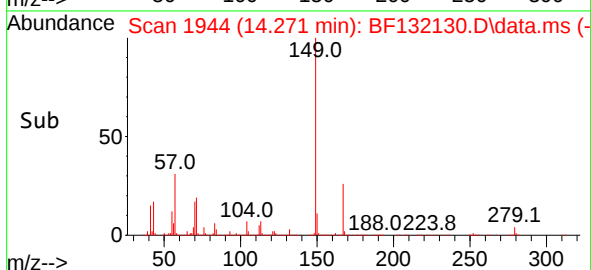
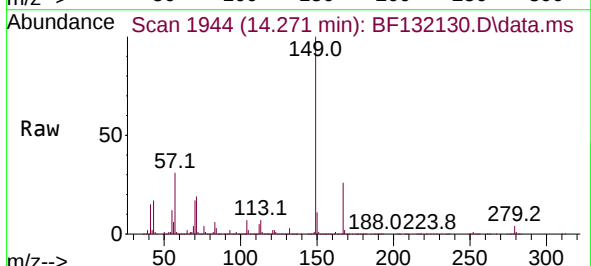
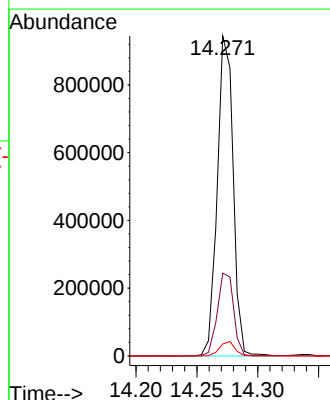
Tgt Ion:149 Resp: 857786

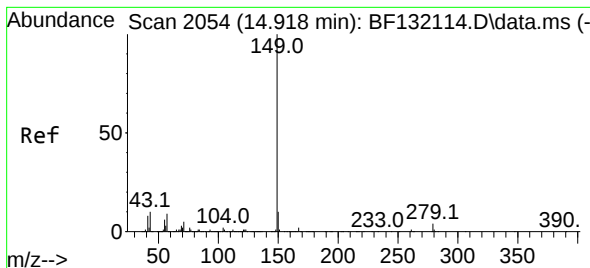
Ion Ratio Lower Upper

149 100

167 25.9 21.4 32.0

279 3.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 48.554 ng

RT: 14.912 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

TP-EMSD

Tgt Ion:149 Resp: 1280230

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

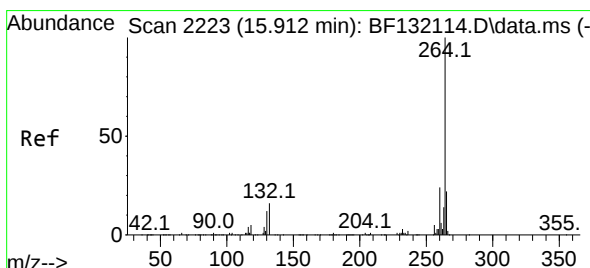
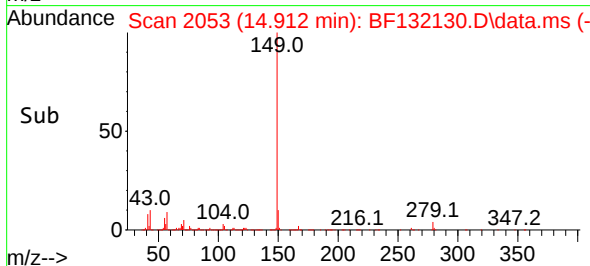
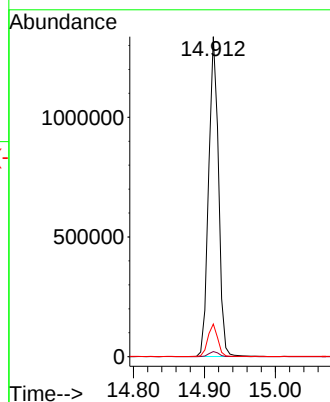
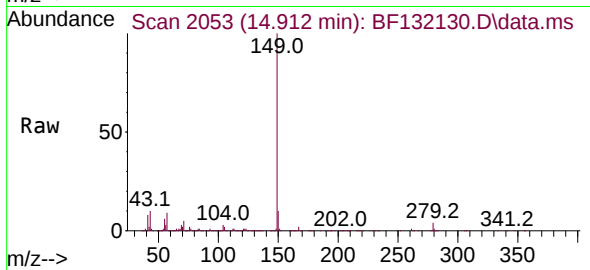
43 10.2 8.4 12.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.906 min Scan# 2222

Delta R.T. -0.006 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

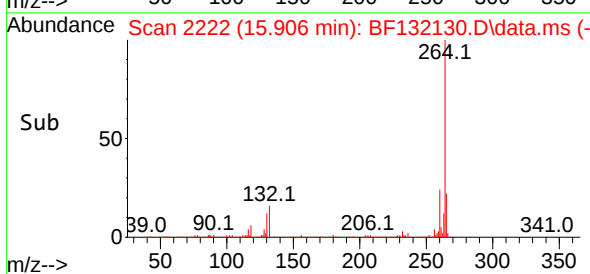
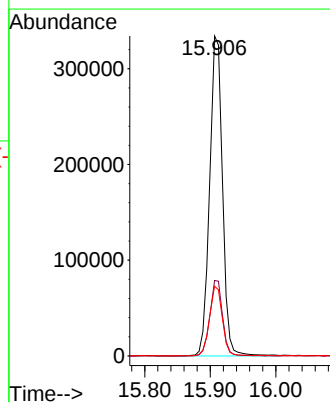
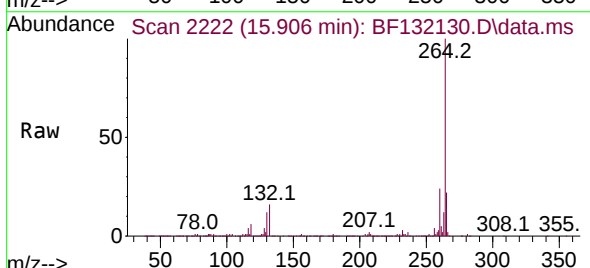
Tgt Ion:264 Resp: 455144

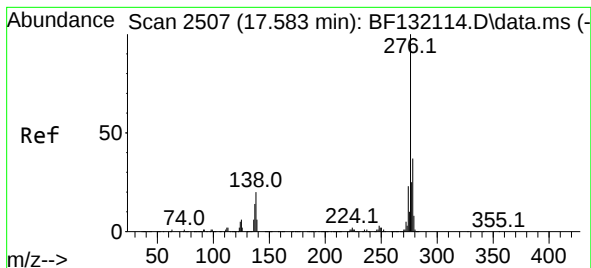
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.923 ng

RT: 17.577 min Scan# 2506

Delta R.T. -0.006 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

TP-EMSD

Tgt Ion:276 Resp: 120472

Ion Ratio Lower Upper

276 100

138 22.4 18.2 27.4

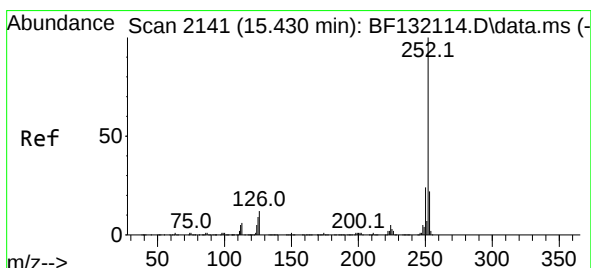
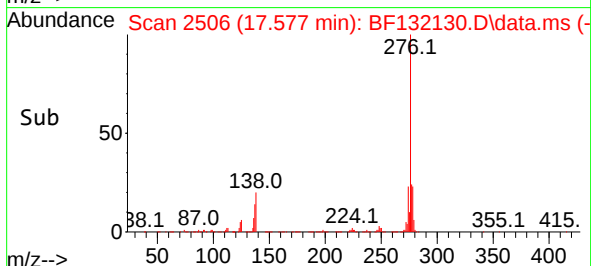
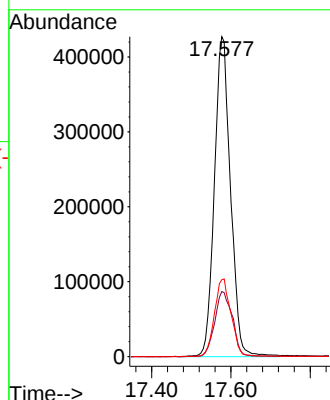
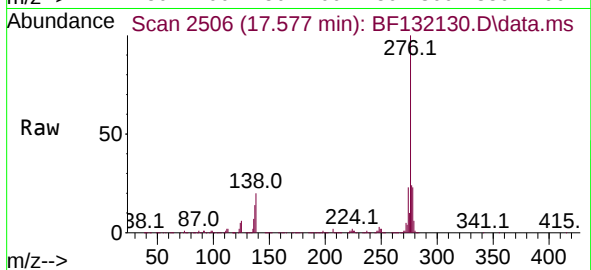
277 25.1 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#88

Benzo(b)fluoranthene

Concen: 38.664 ng

RT: 15.430 min Scan# 2141

Delta R.T. -0.000 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

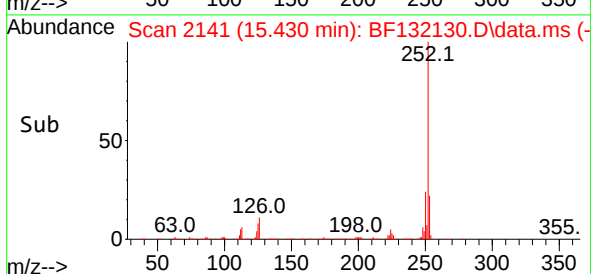
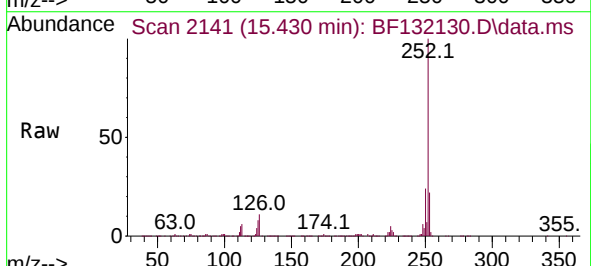
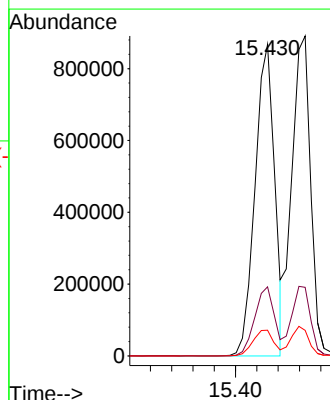
Tgt Ion:252 Resp: 1107137

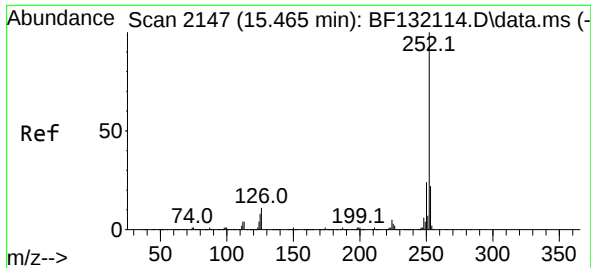
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.3 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 38.326 ng

RT: 15.465 min Scan# 2147

Delta R.T. -0.000 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

TP-EMSD

Tgt Ion:252 Resp: 1097825

Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

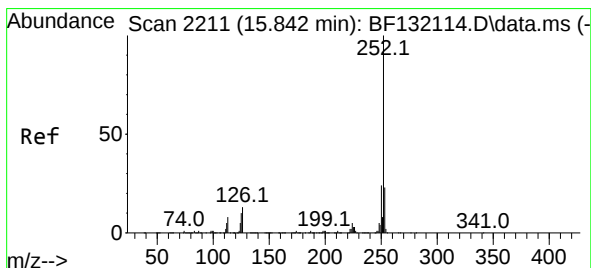
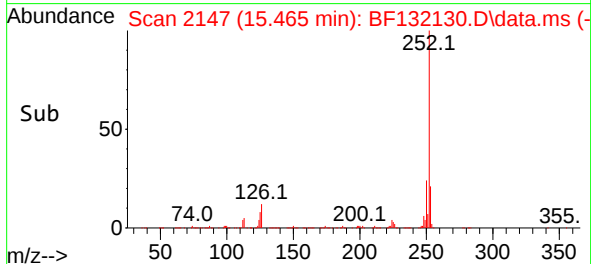
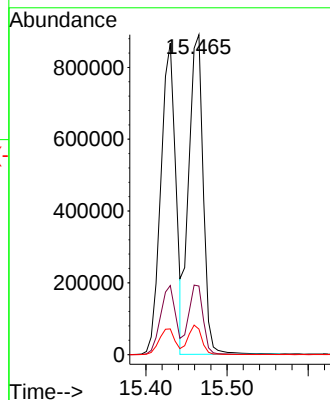
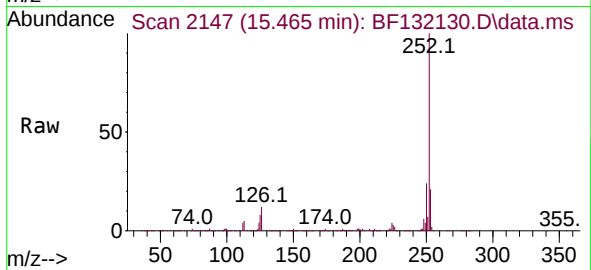
125 8.0 6.7 10.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#90

Benzo(a)pyrene

Concen: 37.481 ng

RT: 15.842 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF132130.D

Acq: 18 Jan 2023 21:36

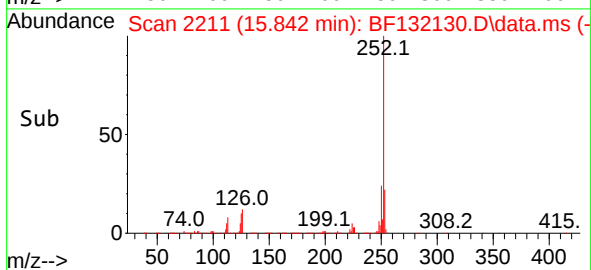
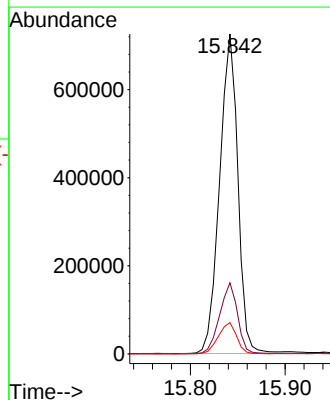
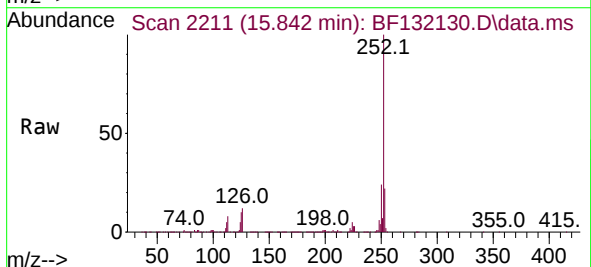
Tgt Ion:252 Resp: 970251

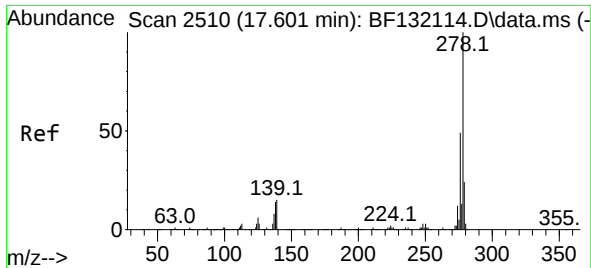
Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

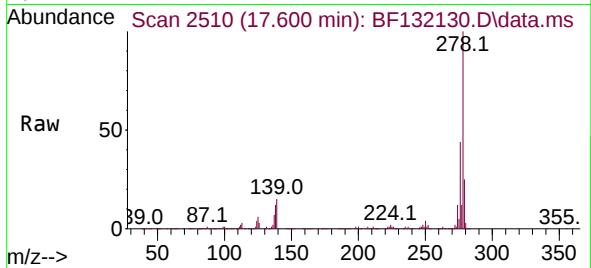
125 9.8 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 45.204 ng
RT: 17.600 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

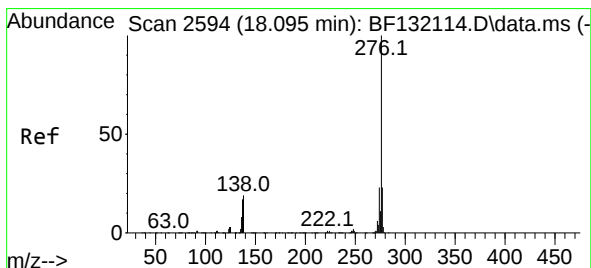
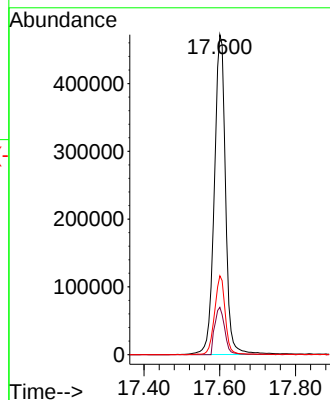
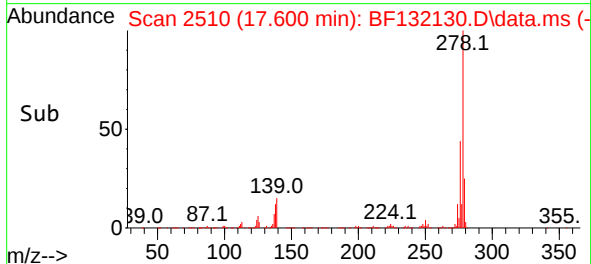
Instrument :
BNA_F
ClientSampleId :
TP-EMSD



Tgt Ion:278 Resp: 974093
Ion Ratio Lower Upper
278 100
139 14.8 11.8 17.8
279 24.6 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#92
Benzo(g,h,i)perylene
Concen: 44.948 ng
RT: 18.089 min Scan# 2593
Delta R.T. -0.006 min
Lab File: BF132130.D
Acq: 18 Jan 2023 21:36

Tgt Ion:276 Resp: 1009137
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 19.3 15.4 23.2

