

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121022\
 Data File : BF131585.D
 Acq On : 10 Dec 2022 12:28
 Operator : CG\JU
 Sample : PB149515BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149515BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/12/2022
 Supervised By : Jagrut Upadhyay 12/12/2022

Quant Time: Dec 12 06:00:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	67527	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	258844	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	165207	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	318784	20.000	ng	0.00
76) Chrysene-d12	14.115	240	207885	20.000	ng	# 0.00
86) Perylene-d12	15.627	264	132256	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	534877	132.144	ng	0.03
7) Phenol-d6	6.551	99	688250	129.755	ng	0.02
23) Nitrobenzene-d5	7.486	82	486712	71.089	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	240750	131.163	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	906174	69.160	ng	0.00
79) Terphenyl-d14	13.057	244	1190310	78.524	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	60526	33.128	ng	99
3) Pyridine	3.516	79	162513	32.038	ng	98
4) n-Nitrosodimethylamine	3.487	42	108637	38.834	ng	95
6) Aniline	6.575	93	229216	36.133	ng	99
8) 2-Chlorophenol	6.698	128	187465	43.703	ng	93
9) Benzaldehyde	6.457	77	28178	7.755	ng	94
10) Phenol	6.563	94	259710m	43.896	ng	
11) bis(2-Chloroethyl)ether	6.645	93	193639	43.661	ng	100
12) 1,3-Dichlorobenzene	6.851	146	201290	40.475	ng	99
13) 1,4-Dichlorobenzene	6.928	146	207133	41.292	ng	98
14) 1,2-Dichlorobenzene	7.081	146	198609	41.447	ng	97
15) Benzyl Alcohol	7.057	79	205988	42.360	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.186	45	240373	41.958	ng	98
17) 2-Methylphenol	7.169	107	165549	42.824	ng	99
18) Hexachloroethane	7.422	117	84305	41.662	ng	89
19) n-Nitroso-di-n-propyla...	7.334	70	168415	42.344	ng	94
20) 3+4-Methylphenols	7.322	107	220339	41.846	ng	# 86
22) Acetophenone	7.328	105	317564	39.150	ng	# 97
24) Nitrobenzene	7.504	77	256987	37.216	ng	93
25) Isophorone	7.739	82	451667	40.956	ng	99
26) 2-Nitrophenol	7.816	139	98263	41.728	ng	96
27) 2,4-Dimethylphenol	7.857	122	170886	47.345	ng	97
28) bis(2-Chloroethoxy)met...	7.951	93	246121	43.142	ng	98
29) 2,4-Dichlorophenol	8.063	162	175096	39.234	ng	99
30) 1,2,4-Trichlorobenzene	8.139	180	204448	37.356	ng	99
31) Naphthalene	8.228	128	544939	37.379	ng	100
32) Benzoic acid	7.992	122	120530	46.110	ng	95
33) 4-Chloroaniline	8.275	127	143459	26.252	ng	99
34) Hexachlorobutadiene	8.333	225	140043	36.307	ng	98
35) Caprolactam	8.657	113	51003m	44.179	ng	
36) 4-Chloro-3-methylphenol	8.763	107	205340	40.975	ng	100
37) 2-Methylnaphthalene	8.922	142	385959	38.711	ng	99
38) 1-Methylnaphthalene	9.022	142	357266	37.327	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	229466	37.521	ng	98
41) Hexachlorocyclopentadiene	9.069	237	277095	89.267	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	143882	38.037	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

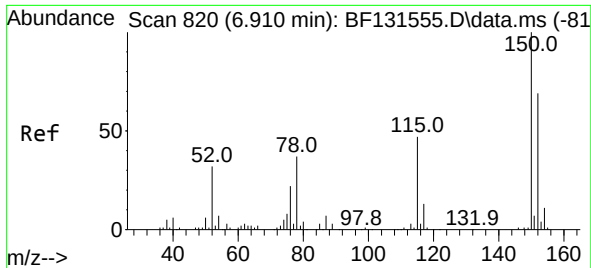
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	156536	38.479	ng	93
46) 1,1'-Biphenyl	9.386	154	491847	37.654	ng	99
47) 2-Chloronaphthalene	9.416	162	389184	36.569	ng	99
48) 2-Nitroaniline	9.510	65	140433	37.251	ng	96
49) Acenaphthylene	9.833	152	586004	37.502	ng	99
50) Dimethylphthalate	9.692	163	483431	38.386	ng	99
51) 2,6-Dinitrotoluene	9.757	165	104971	40.374	ng	# 77
52) Acenaphthene	10.004	154	449724m	42.961	ng	
53) 3-Nitroaniline	9.928	138	73237	29.358	ng	99
54) 2,4-Dinitrophenol	10.033	184	130621	87.365	ng	96
55) Dibenzofuran	10.175	168	550855	37.243	ng	99
56) 4-Nitrophenol	10.098	139	154481	89.143	ng	# 77
57) 2,4-Dinitrotoluene	10.163	165	143129	41.499	ng	94
58) Fluorene	10.522	166	459755	38.235	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	132884m	38.575	ng	
60) Diethylphthalate	10.392	149	477968	39.548	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	253332	38.124	ng	97
62) 4-Nitroaniline	10.551	138	95982	38.828	ng	99
63) Azobenzene	10.675	77	504877	36.627	ng	97
65) 4,6-Dinitro-2-methylph...	10.569	198	83141	41.177	ng	98
66) n-Nitrosodiphenylamine	10.633	169	386607	37.513	ng	98
67) 4-Bromophenyl-phenylether	11.004	248	151907	37.042	ng	96
68) Hexachlorobenzene	11.069	284	166395	37.512	ng	99
69) Atrazine	11.163	200	134619	41.133	ng	99
70) Pentachlorophenol	11.263	266	190412	83.382	ng	98
71) Phenanthrene	11.486	178	670343	37.726	ng	100
72) Anthracene	11.539	178	679113	39.284	ng	100
73) Carbazole	11.698	167	575244	40.767	ng	99
74) Di-n-butylphthalate	12.021	149	747956	43.206	ng	100
75) Fluoranthene	12.680	202	750665	41.027	ng	99
77) Benzidine	12.804	184	193544	34.747	ng	98
78) Pyrene	12.916	202	744414	36.315	ng	99
80) Butylbenzylphthalate	13.527	149	266206	44.875	ng	97
81) Benzo(a)anthracene	14.104	228	556802	37.089	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	149573	35.018	ng	# 97
83) Chrysene	14.145	228	520665	36.480	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	317342	39.819	ng	97
85) Di-n-octyl phthalate	14.704	149	418840	33.409	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	429623	39.804	ng	99
88) Benzo(b)fluoranthene	15.174	252	392168	44.990	ng	99
89) Benzo(k)fluoranthene	15.210	252	386472	42.478	ng	97
90) Benzo(a)pyrene	15.562	252	328466	44.155	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	373843	42.084	ng	99
92) Benzo(g,h,i)perylene	17.645	276	366244	41.022	ng	100

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

Manual Integrations APPROVED

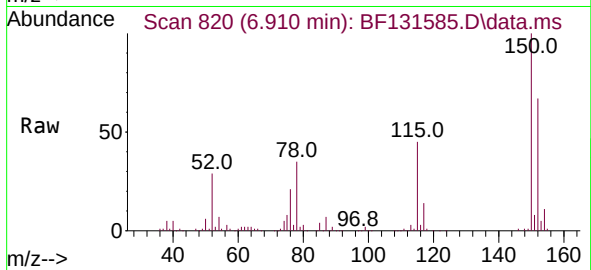
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 06:08:27 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

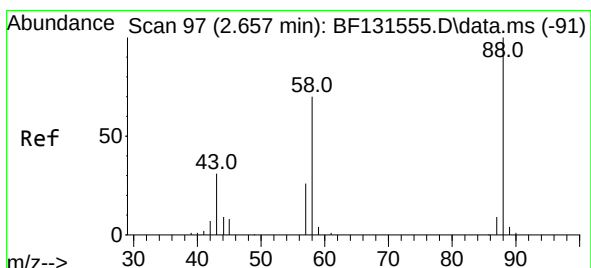
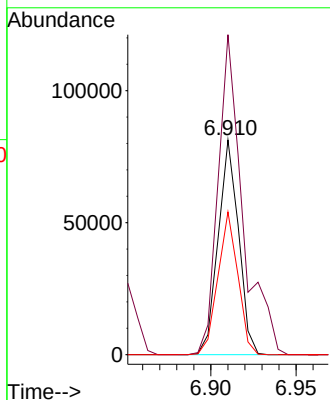
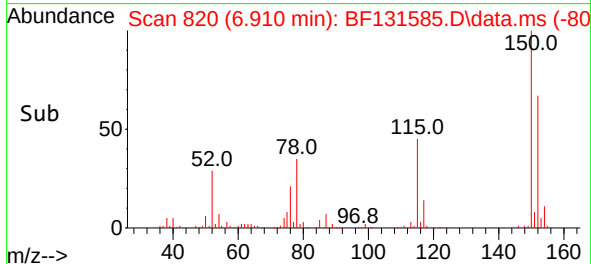
Instrument :
BNA_F
ClientSampleId :
PB149515BS



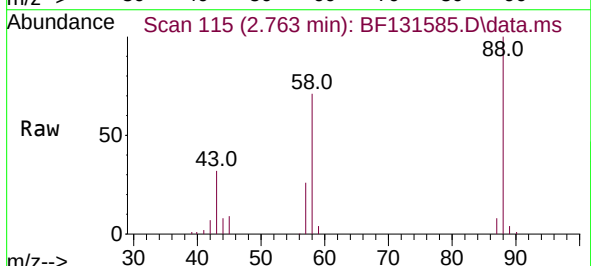
Tgt Ion:152 Resp: 6752
Ion Ratio Lower Upper
152 100
150 149.1 116.7 175.1
115 66.4 54.6 82.0

Manual Integrations
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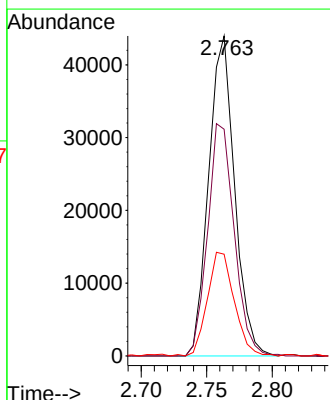
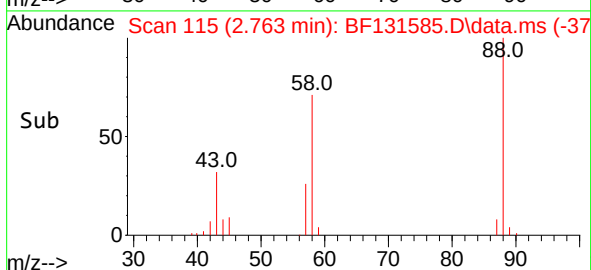
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

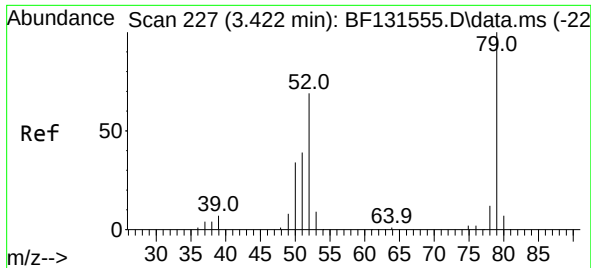


#2
1,4-Dioxane
Concen: 33.128 ng
RT: 2.763 min Scan# 115
Delta R.T. 0.106 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



Tgt Ion: 88 Resp: 60526
Ion Ratio Lower Upper
88 100
58 74.4 60.0 90.0
43 33.6 26.7 40.1





#3

Pyridine

Concen: 32.038 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF131585.D

Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB149515BS

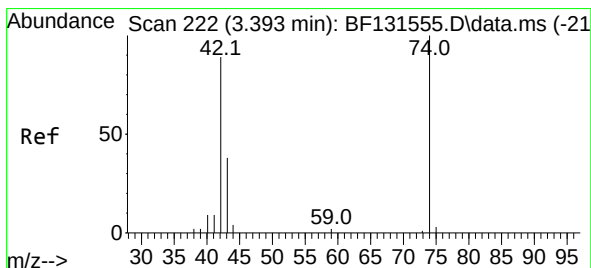
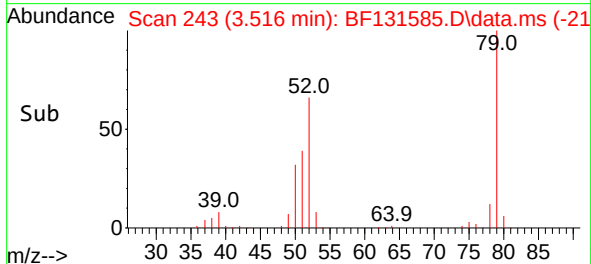
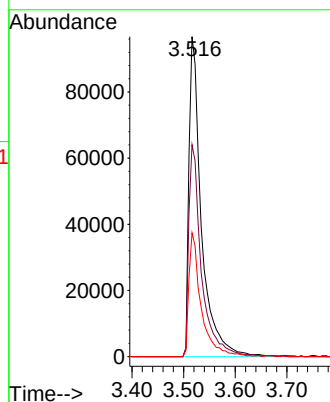
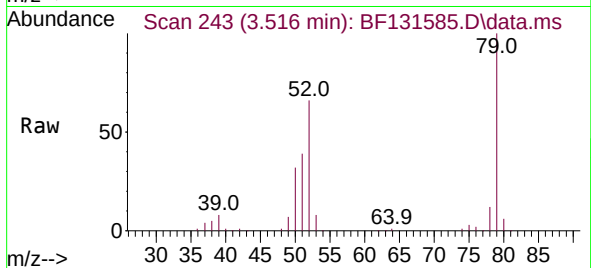
Tgt Ion:	79	Resp:	16251
Ion Ratio	Lower	Upper	
79	100		
52	66.2	55.0	82.6
51	38.7	31.4	47.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 12/12/2022



#4

n-Nitrosodimethylamine

Concen: 38.834 ng

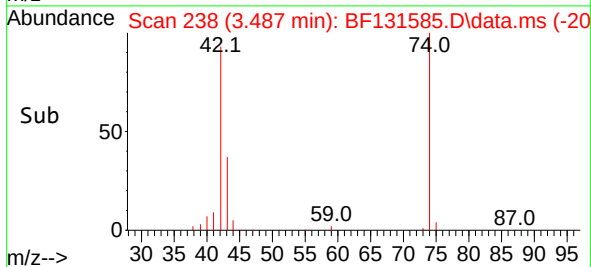
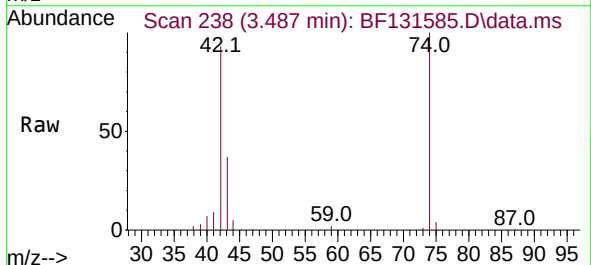
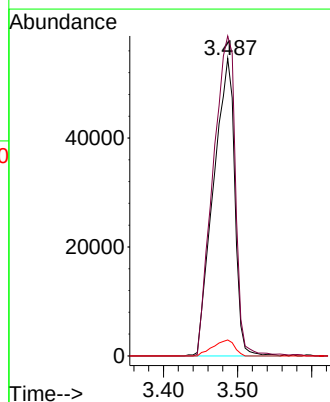
RT: 3.487 min Scan# 238

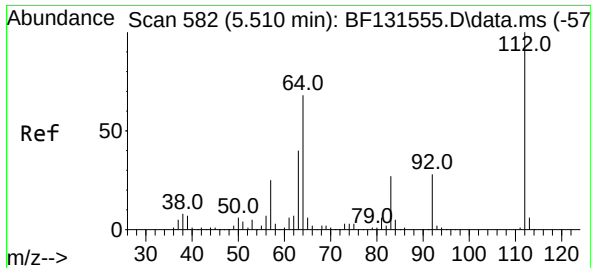
Delta R.T. 0.094 min

Lab File: BF131585.D

Acq: 10 Dec 2022 12:28

Tgt Ion:	42	Resp:	108637
Ion Ratio	Lower	Upper	
42	100		
74	107.6	90.2	135.2
44	5.3	3.7	5.5





#5
2-Fluorophenol
Concen: 132.144 ng
RT: 5.540 min Scan# 582
Delta R.T. 0.029 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

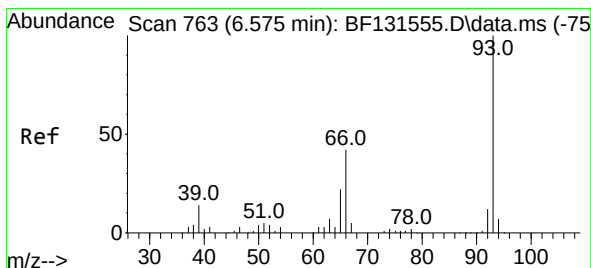
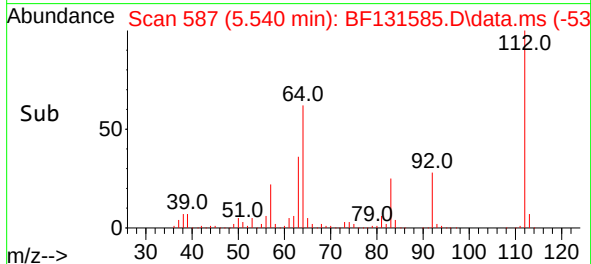
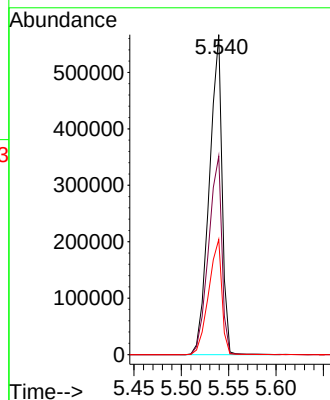
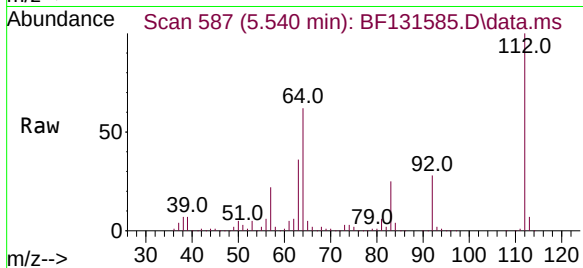
PB149515BS

Tgt Ion:112 Resp: 534872
Ion Ratio Lower Upper
112 100
64 62.0 54.5 81.7
63 36.0 31.9 47.9

Manual Integrations

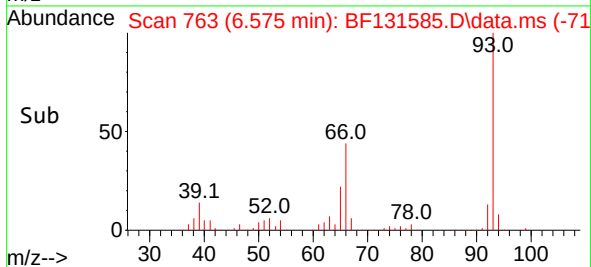
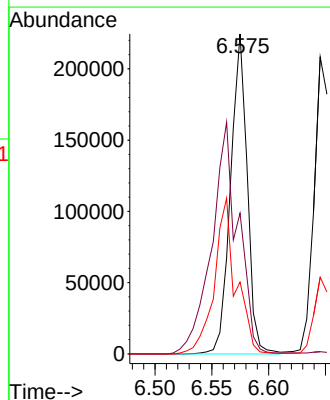
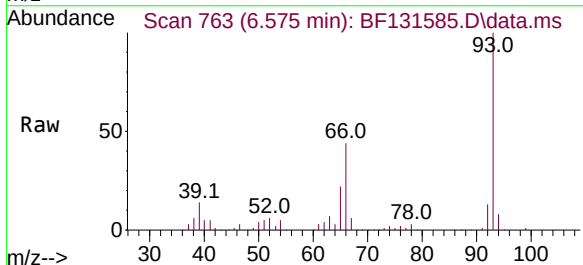
APPROVED

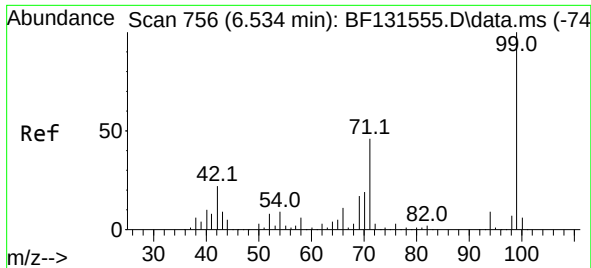
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#6
Aniline
Concen: 36.133 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

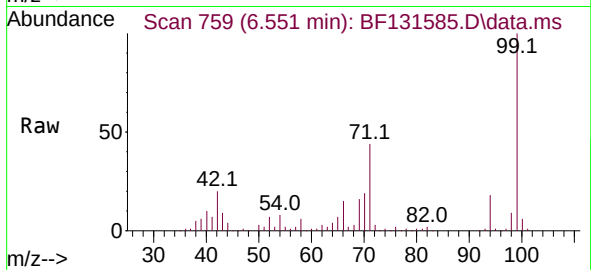
Tgt Ion: 93 Resp: 229216
Ion Ratio Lower Upper
93 100
66 44.0 34.6 51.8
65 22.4 17.7 26.5





#7
Phenol-d6
Concen: 129.755 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.018 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

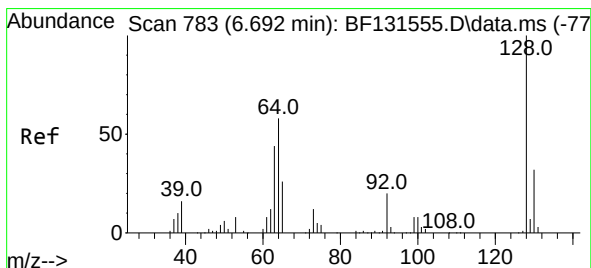
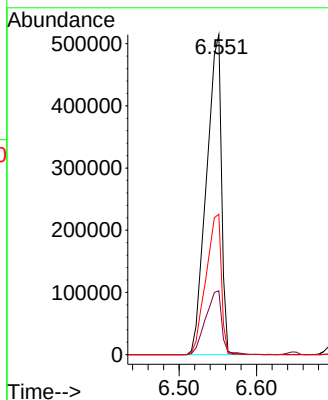
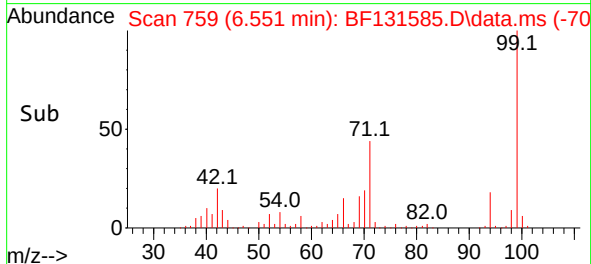
Instrument :
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Tgt Ion: 99 Resp: 688250
Ion Ratio Lower Upper
99 100
42 19.9 17.9 26.9
71 43.9 37.2 55.8

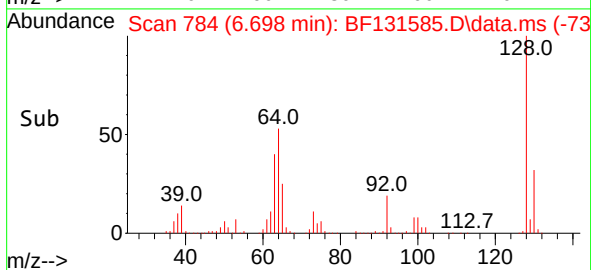
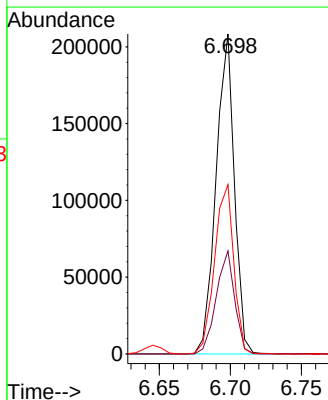
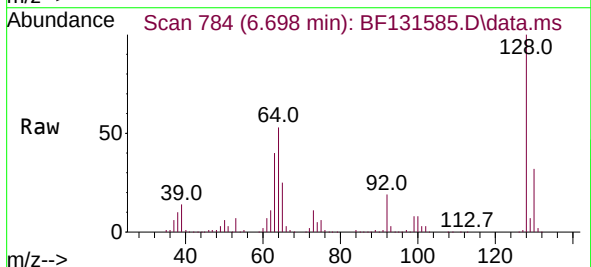
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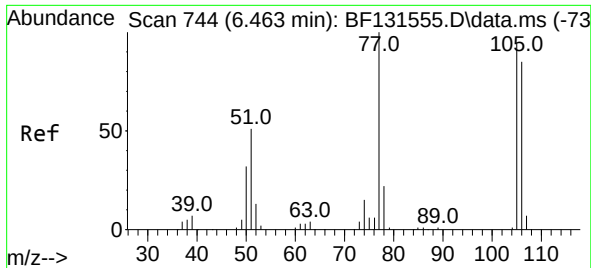
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#8
2-Chlorophenol
Concen: 43.703 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Tgt Ion:128 Resp: 187465
Ion Ratio Lower Upper
128 100
130 32.2 11.6 51.6
64 52.9 40.6 80.6





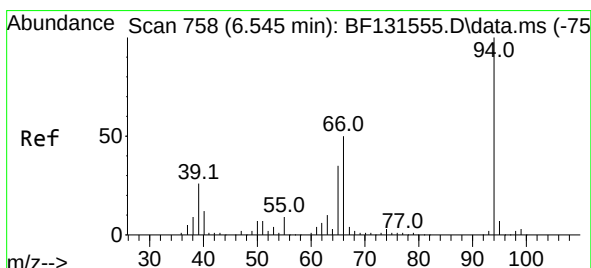
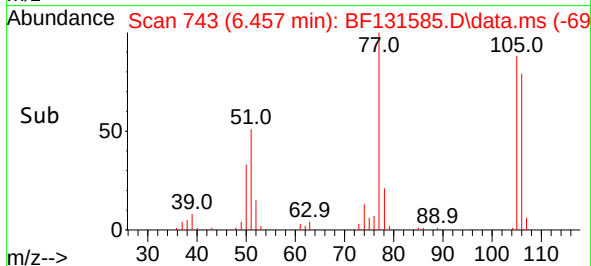
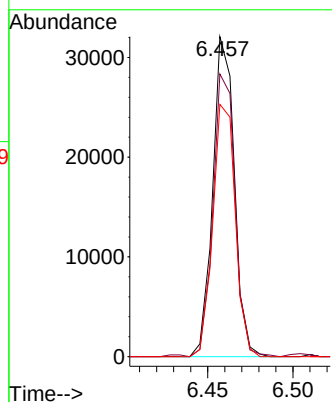
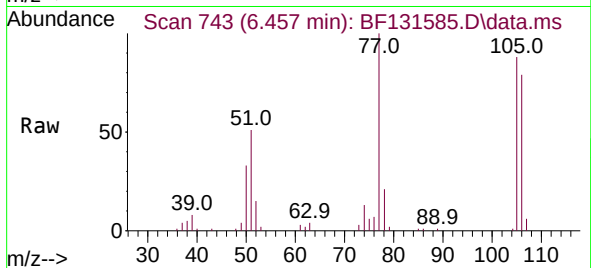
#9
Benzaldehyde
Concen: 7.755 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB149515BS

Tgt Ion: 77 Resp: 28178
Ion Ratio Lower Upper
77 100
105 88.3 73.8 113.8
106 78.8 65.2 105.2

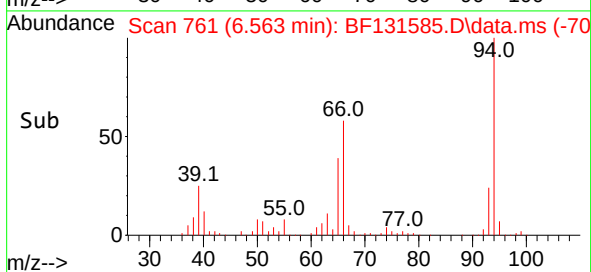
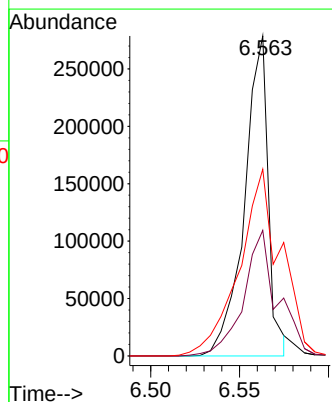
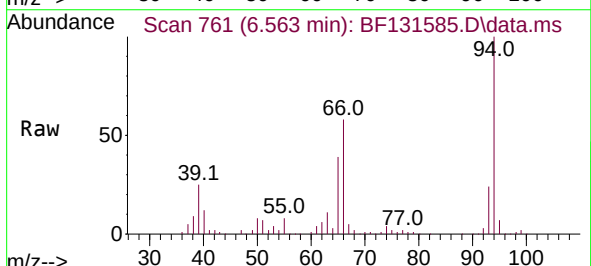
Manual Integrations
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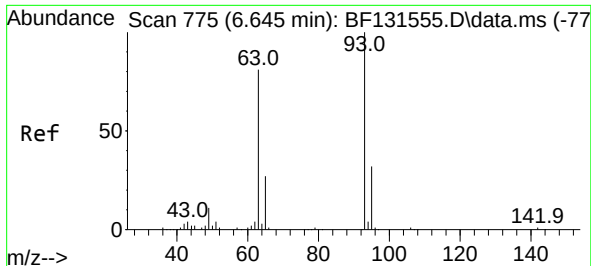
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#10
Phenol
Concen: 43.896 ng m
RT: 6.563 min Scan# 761
Delta R.T. 0.018 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

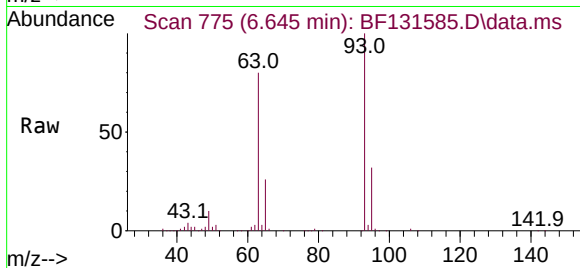
Tgt Ion: 94 Resp: 259710
Ion Ratio Lower Upper
94 100
65 39.2 14.8 54.8
66 58.3 30.8 70.8





#11
bis(2-Chloroethyl)ether
Concen: 43.661 ng
RT: 6.645 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

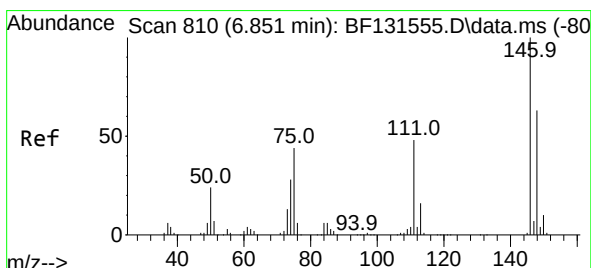
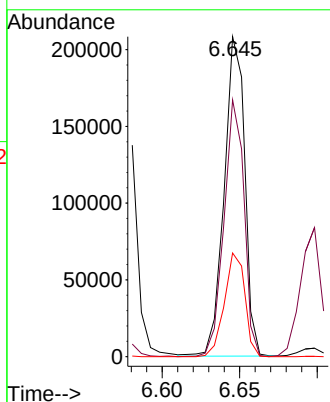
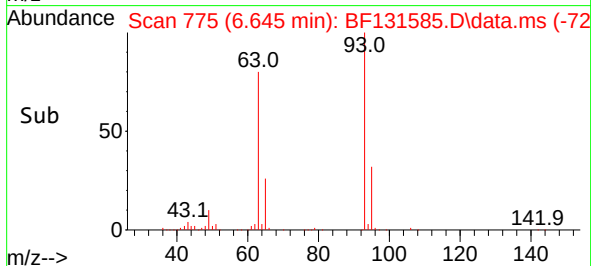
Instrument :
BNA_F
ClientSampleId :
PB149515BS



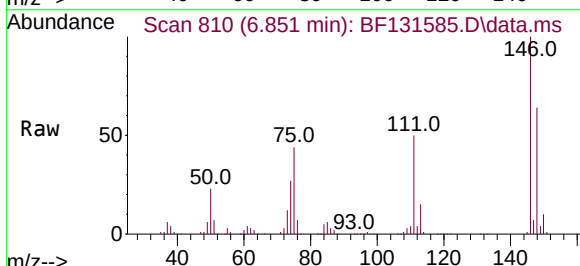
Tgt Ion: 93 Resp: 193639
Ion Ratio Lower Upper
93 100
63 80.2 60.4 100.4
95 32.4 12.3 52.3

Manual Integrations
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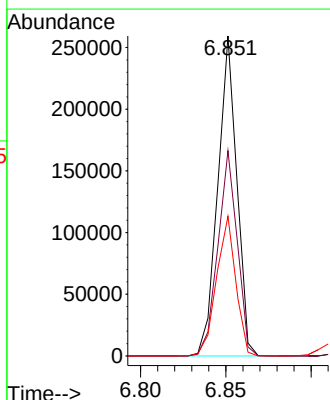
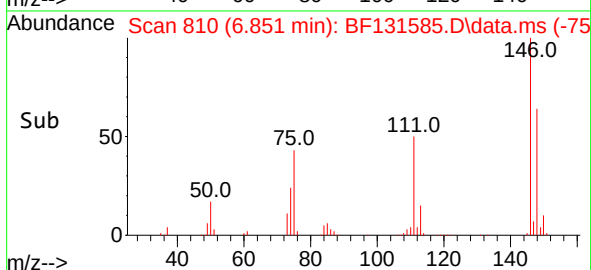
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

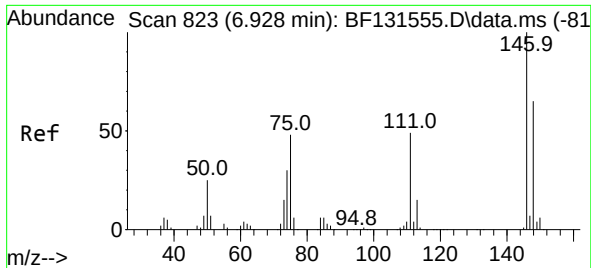


#12
1,3-Dichlorobenzene
Concen: 40.475 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



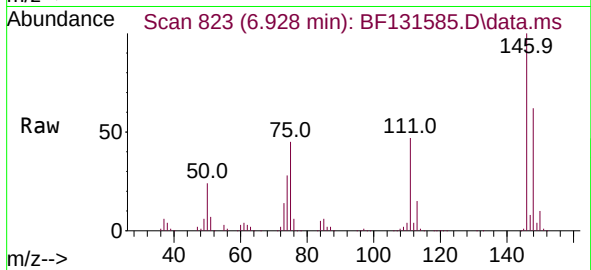
Tgt Ion:146 Resp: 201290
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
75 43.6 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 41.292 ng
RT: 6.928 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

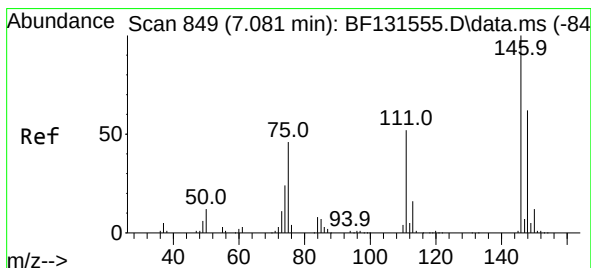
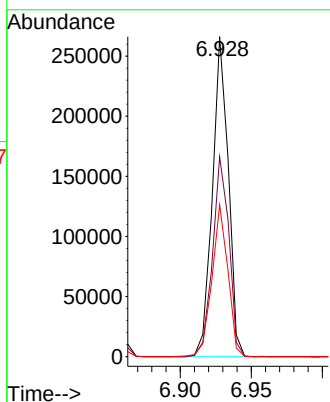
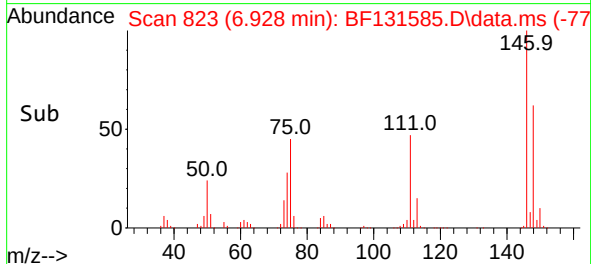
Instrument :
BNA_F
ClientSampleId :
PB149515BS



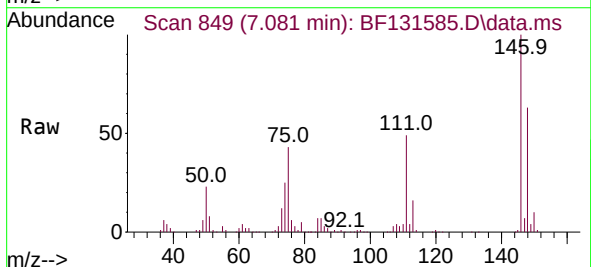
Tgt Ion:146 Resp: 207133
Ion Ratio Lower Upper
146 100
148 62.5 51.8 77.6
111 47.4 38.9 58.3

Manual Integrations
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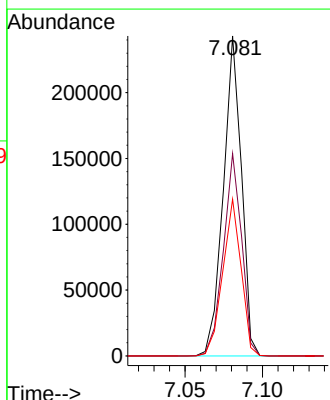
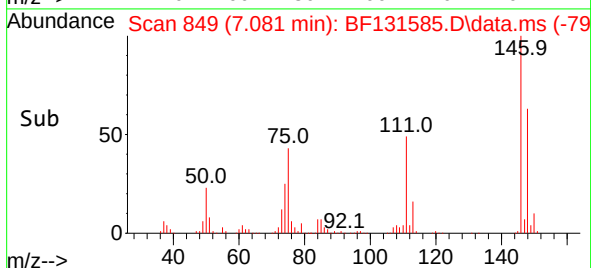
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

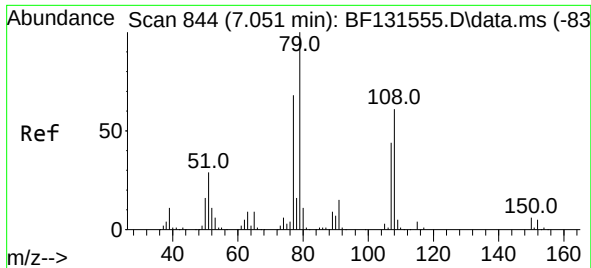


#14
1,2-Dichlorobenzene
Concen: 41.447 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



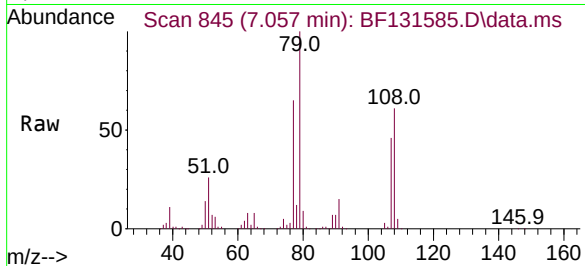
Tgt Ion:146 Resp: 198609
Ion Ratio Lower Upper
146 100
148 63.2 49.9 74.9
111 49.0 41.8 62.6





#15
Benzyl Alcohol
Concen: 42.360 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

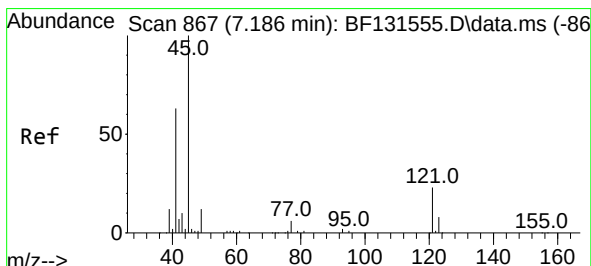
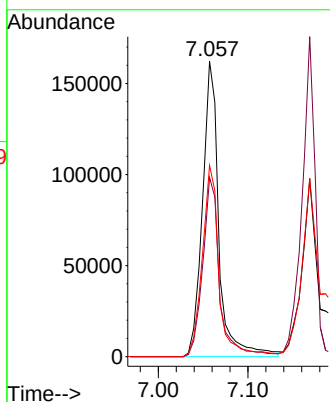
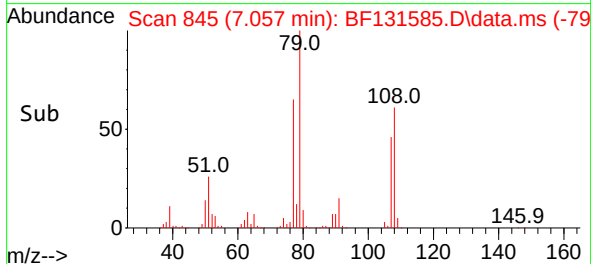
Instrument :
BNA_F
ClientSampleId :
PB149515BS



Tgt Ion: 79 Resp: 205988
Ion Ratio Lower Upper
79 100
108 60.7 49.2 73.8
77 64.7 54.5 81.7

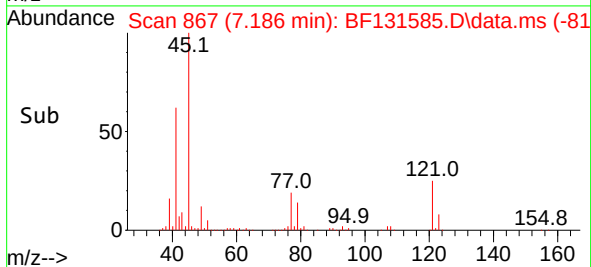
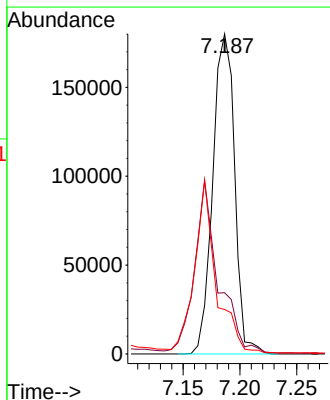
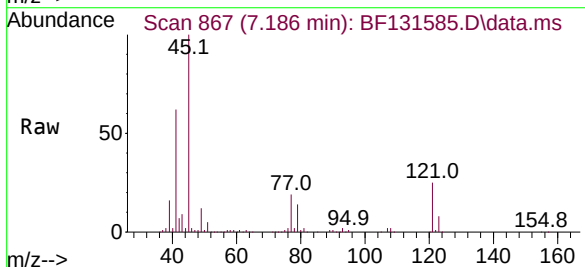
Manual Integrations
APPROVED

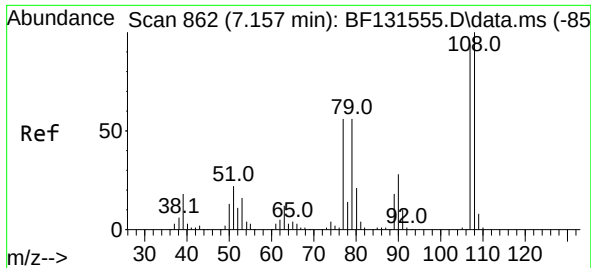
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.958 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

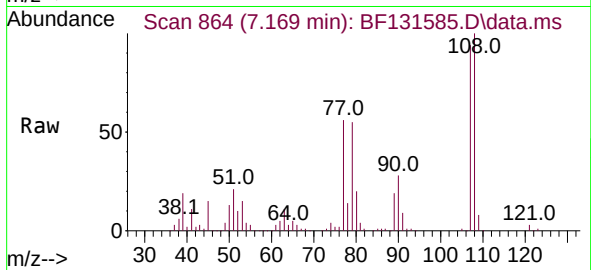
Tgt Ion: 45 Resp: 240373
Ion Ratio Lower Upper
45 100
77 19.2 0.0 37.7
79 13.9 0.0 33.6





#17
2-Methylphenol
Concen: 42.824 ng
RT: 7.169 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

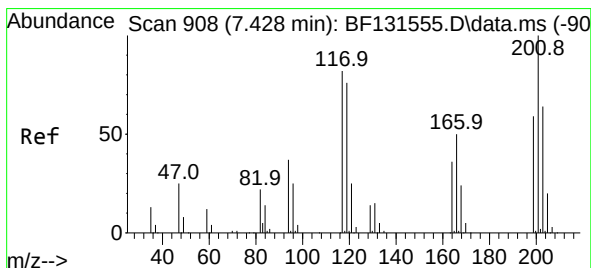
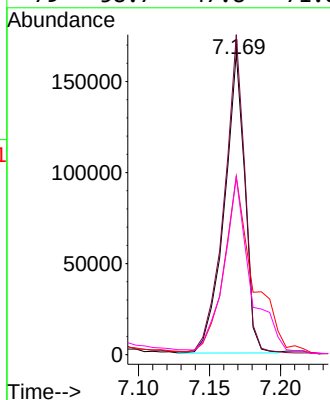
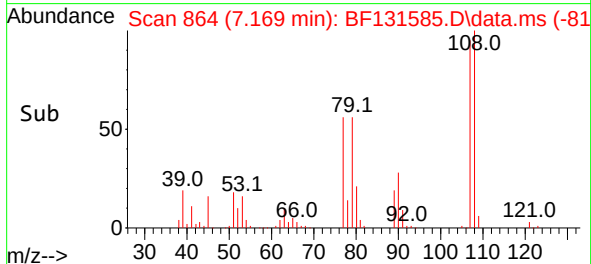
Instrument :
BNA_F
ClientSampleId :
PB149515BS



Tgt Ion:107 Resp: 165549
Ion Ratio Lower Upper
107 100
108 105.9 85.5 128.3
77 59.1 48.2 72.4
79 58.7 47.8 71.8

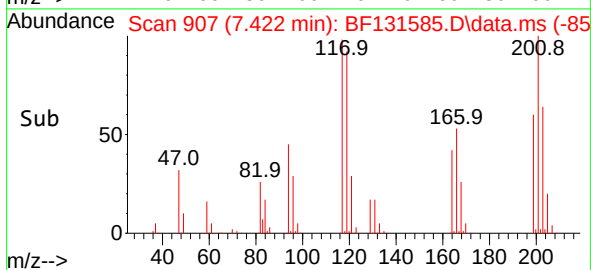
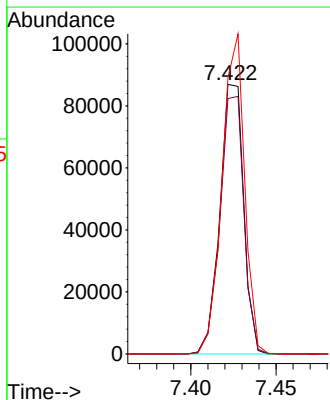
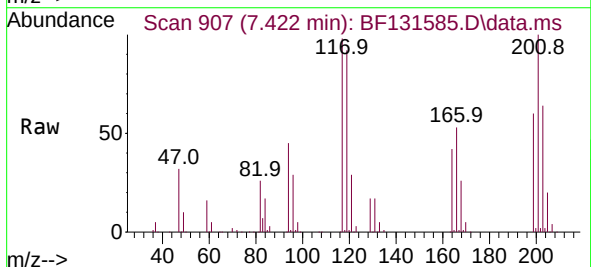
Manual Integrations
APPROVED

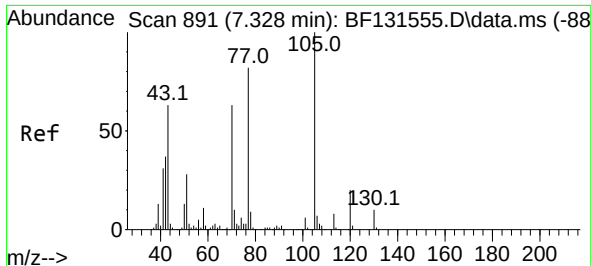
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#18
Hexachloroethane
Concen: 41.662 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

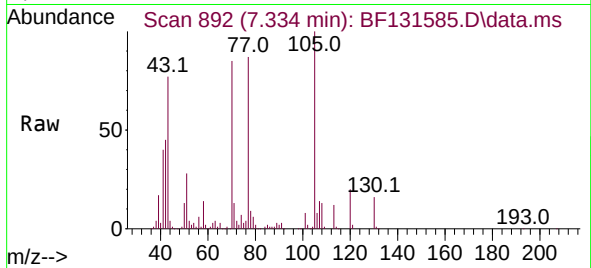
Tgt Ion:117 Resp: 84305
Ion Ratio Lower Upper
117 100
119 94.7 75.0 112.4
201 102.4 98.0 147.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.344 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

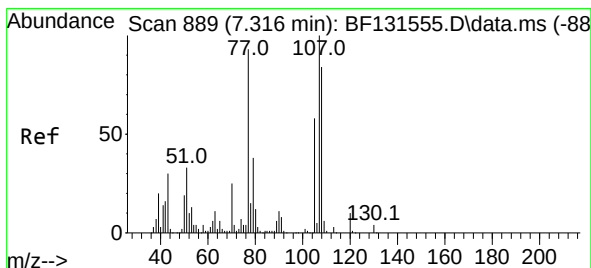
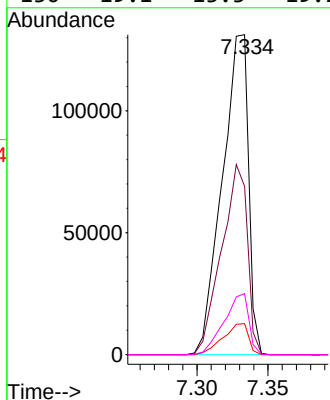
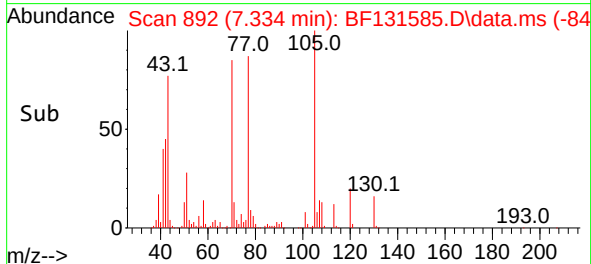
Instrument :
BNA_F
ClientSampleId :
PB149515BS



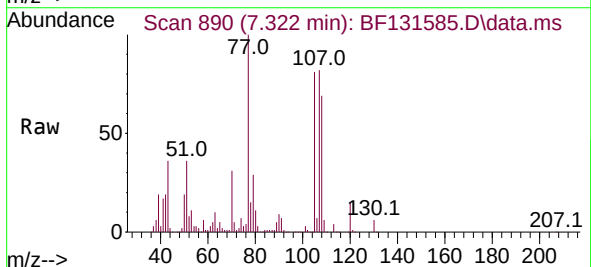
Tgt Ion: 70 Resp: 168415
Ion Ratio Lower Upper
70 100
42 52.6 46.4 69.6
101 9.7 7.2 10.8
130 19.1 13.3 19.9

Manual Integrations
APPROVED

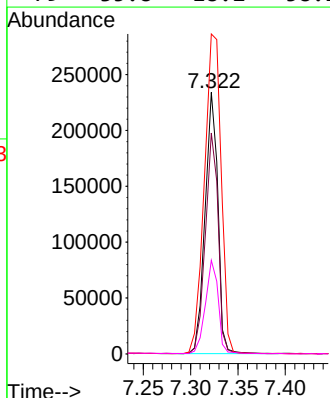
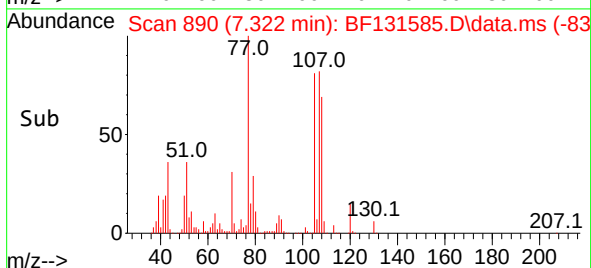
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

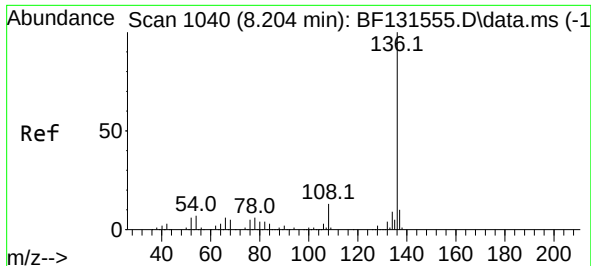


#20
3+4-Methylphenols
Concen: 41.846 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



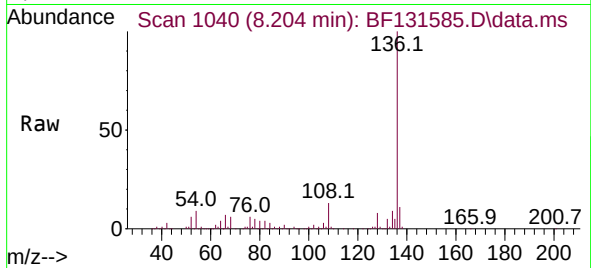
Tgt Ion:107 Resp: 220339
Ion Ratio Lower Upper
107 100
108 84.4 64.0 104.0
77 122.3 73.1 113.1#
79 35.8 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

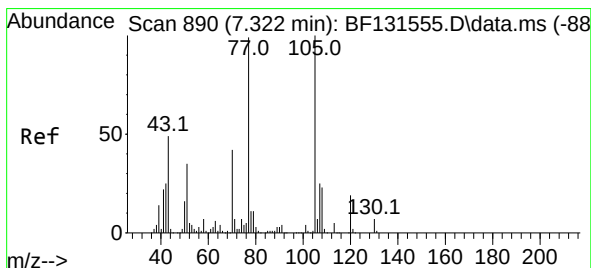
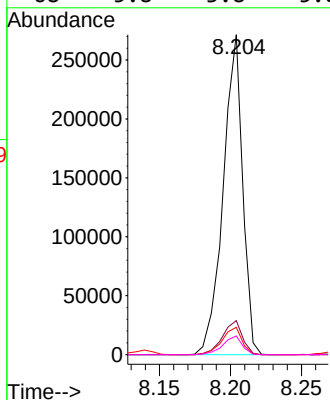
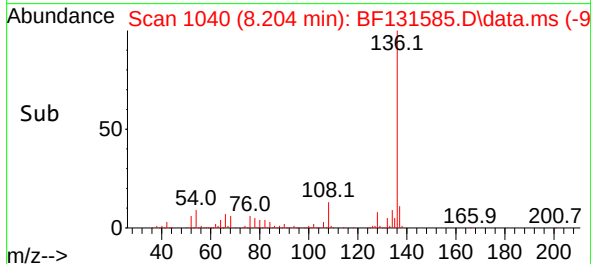
Instrument :
BNA_F
ClientSampleId :
PB149515BS



Tgt Ion:136 Resp: 258844
Ion Ratio Lower Upper
136 100
137 10.6 8.1 12.1
54 8.5 6.0 9.0
68 5.8 3.8 5.8#

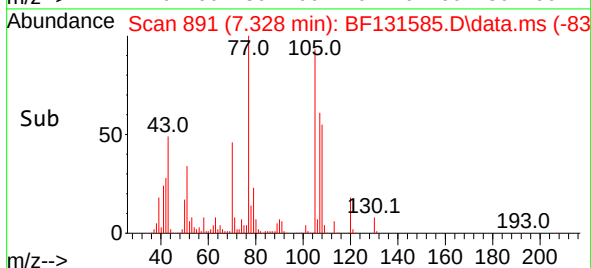
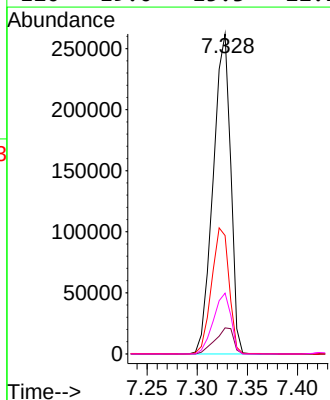
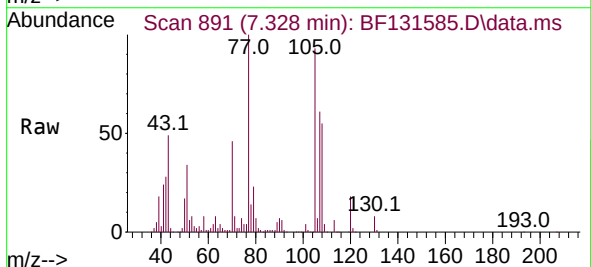
Manual Integrations
APPROVED

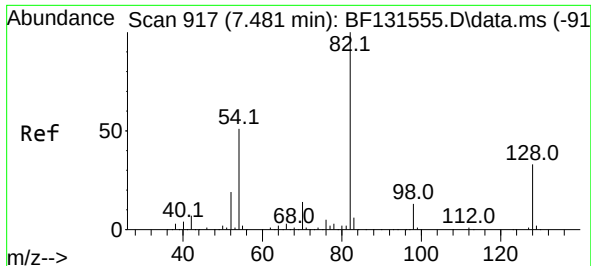
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#22
Acetophenone
Concen: 39.150 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Tgt Ion:105 Resp: 317564
Ion Ratio Lower Upper
105 100
71 8.1 5.4 8.0#
51 37.0 27.8 41.6
120 19.0 15.3 22.9





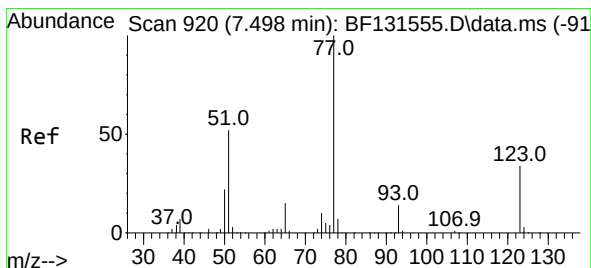
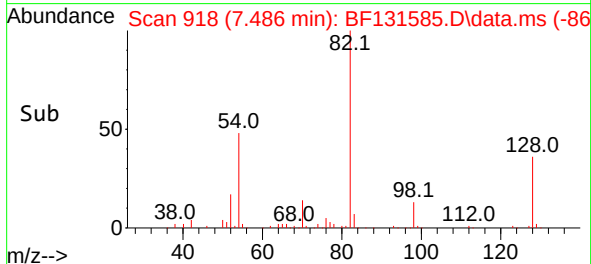
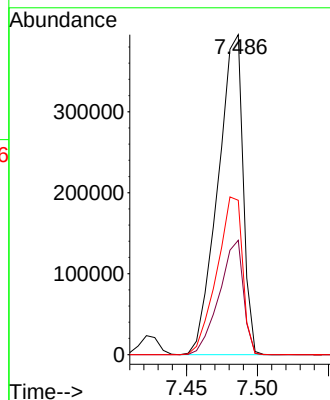
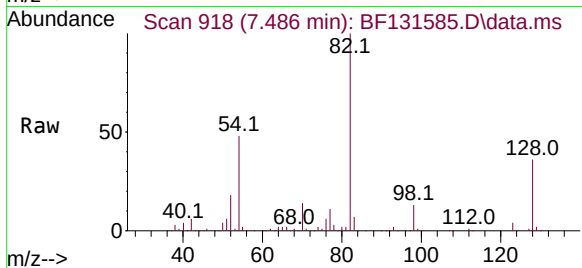
#23
Nitrobenzene-d5
Concen: 71.089 ng
RT: 7.486 min Scan# 917
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB149515BS

Tgt Ion: 82 Resp: 486712
Ion Ratio Lower Upper
82 100
128 35.7 26.1 39.1
54 48.2 40.6 60.8

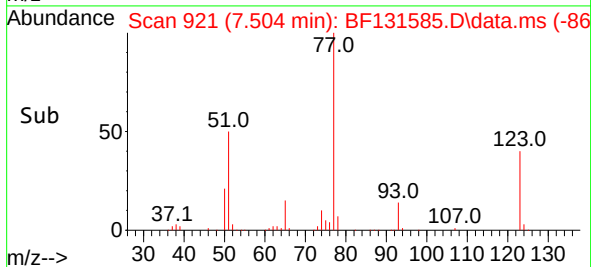
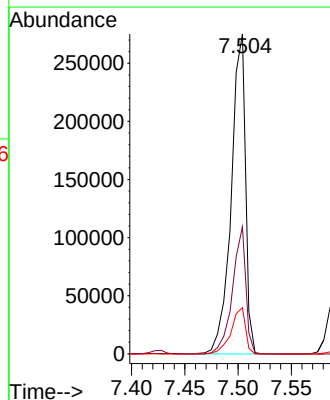
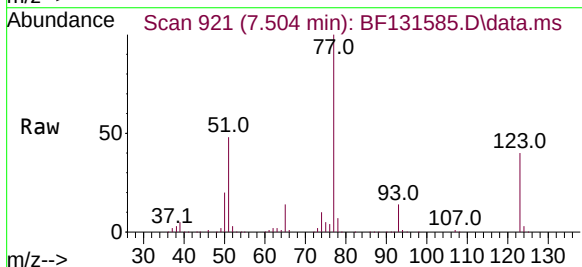
Manual Integrations
APPROVED

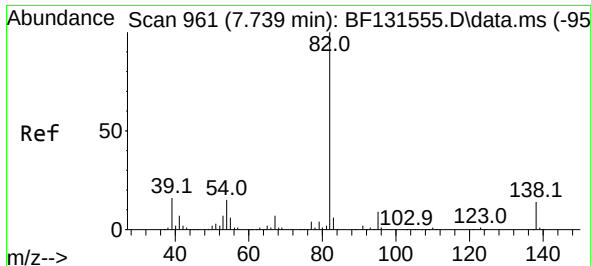
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#24
Nitrobenzene
Concen: 37.216 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Tgt Ion: 77 Resp: 256987
Ion Ratio Lower Upper
77 100
123 39.7 27.1 40.7
65 14.4 11.9 17.9





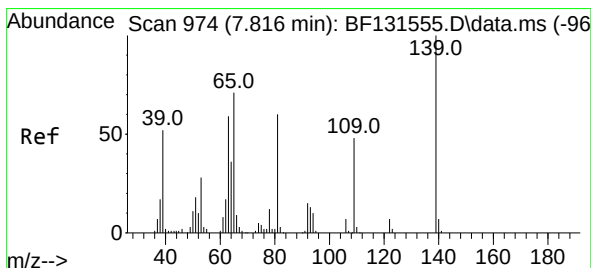
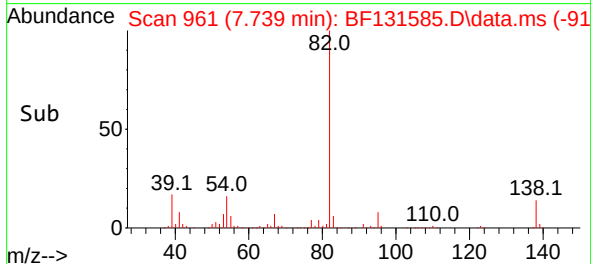
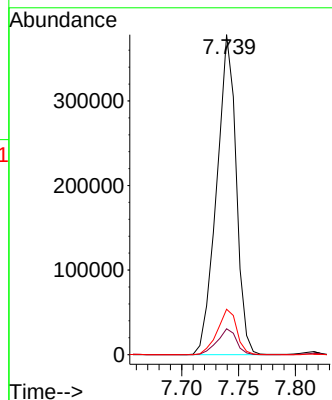
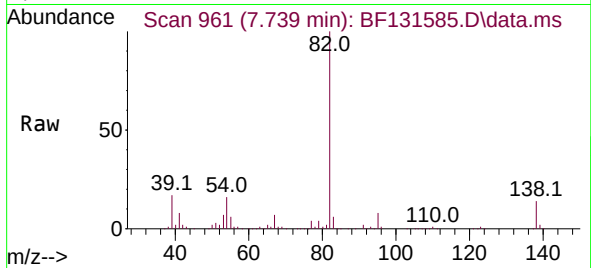
#25
Isophorone
Concen: 40.956 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB149515BS

Tgt Ion: 82 Resp: 451662
Ion Ratio Lower Upper
82 100
95 8.1 6.9 10.3
138 14.2 11.4 17.0

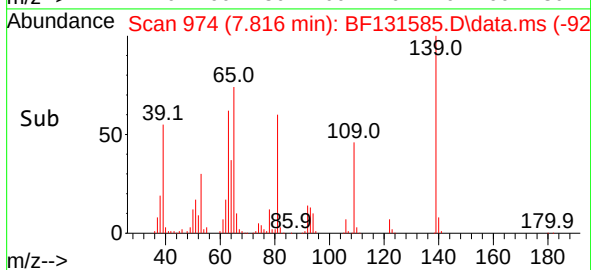
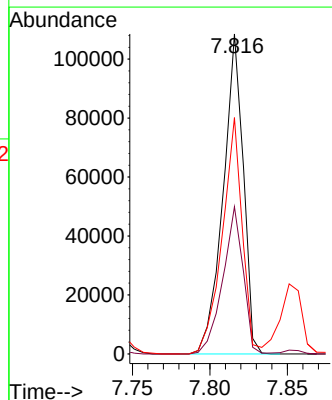
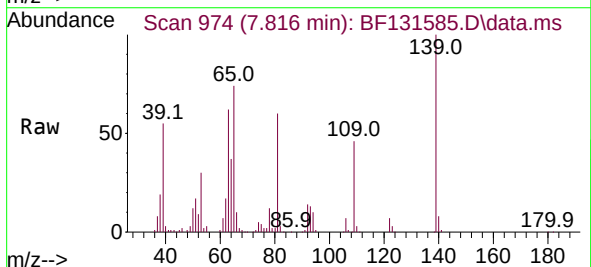
Manual Integrations
APPROVED

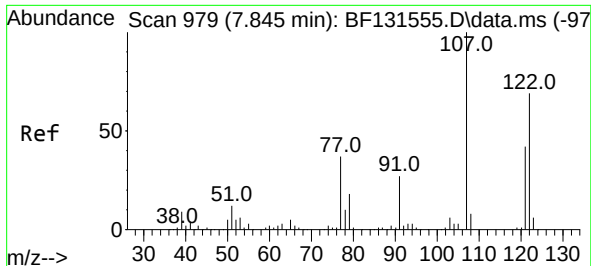
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#26
2-Nitrophenol
Concen: 41.728 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Tgt Ion:139 Resp: 98263
Ion Ratio Lower Upper
139 100
109 46.0 38.6 58.0
65 73.8 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 47.345 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.012 min

Lab File: BF131585.D

Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

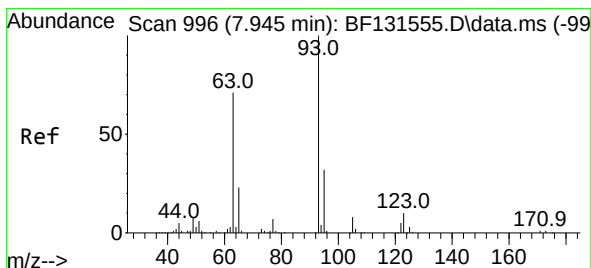
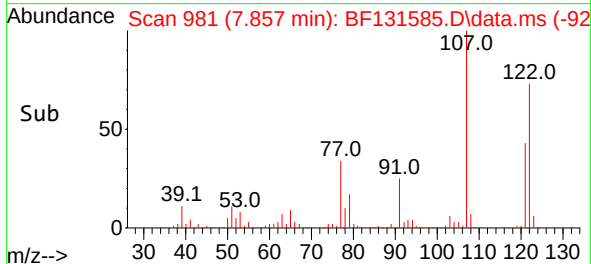
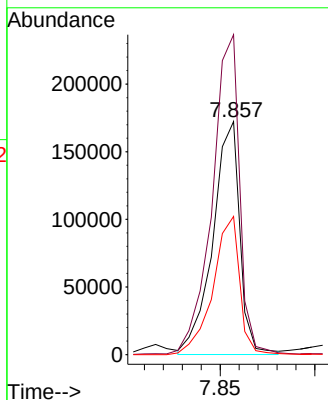
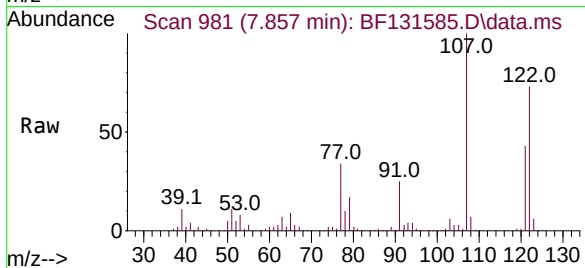
PB149515BS

Tgt Ion:122 Resp: 170886
 Ion Ratio Lower Upper
 122 100
 107 137.3 114.2 171.2
 121 59.3 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022
 Supervised By :Jagrut Upadhyay 12/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.142 ng

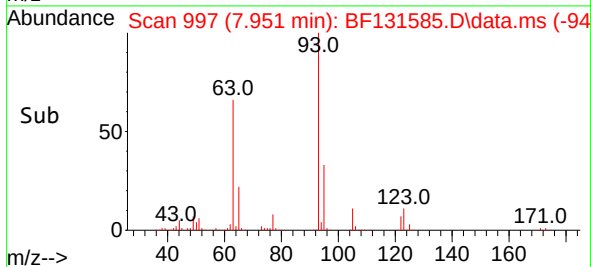
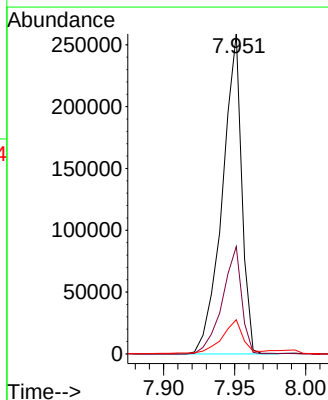
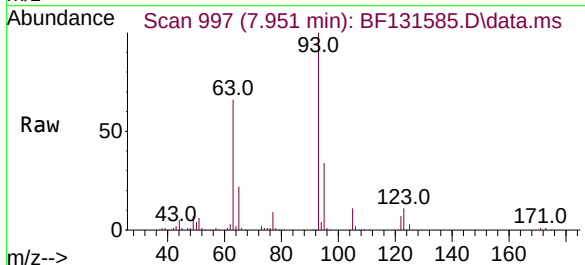
RT: 7.951 min Scan# 997

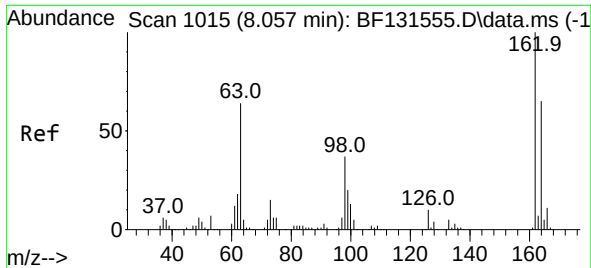
Delta R.T. 0.006 min

Lab File: BF131585.D

Acq: 10 Dec 2022 12:28

Tgt Ion: 93 Resp: 246121
 Ion Ratio Lower Upper
 93 100
 95 33.5 25.8 38.6
 123 10.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 39.234 ng

RT: 8.063 min Scan# 1015

Delta R.T. 0.006 min

Lab File: BF131585.D

Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB149515BS

Tgt Ion:162 Resp: 175096

Ion Ratio Lower Upper

162 100

164 66.3 45.0 85.0

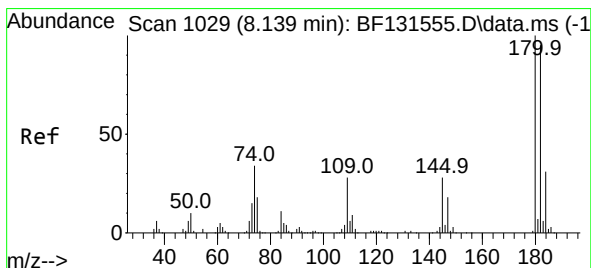
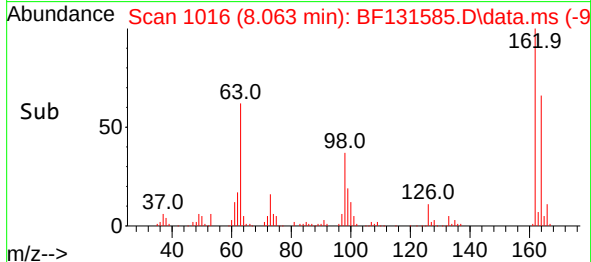
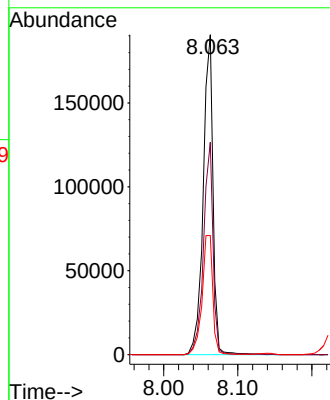
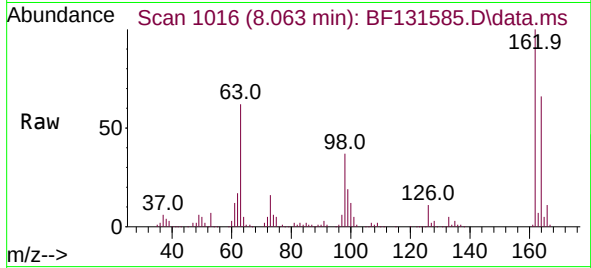
98 37.2 16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.356 ng

RT: 8.139 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BF131585.D

Acq: 10 Dec 2022 12:28

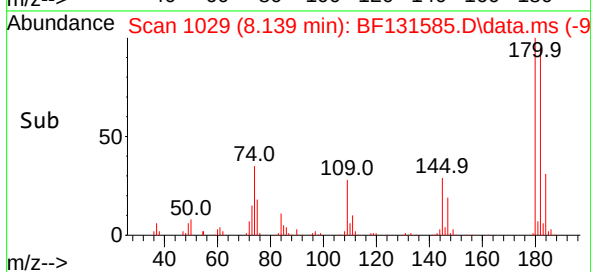
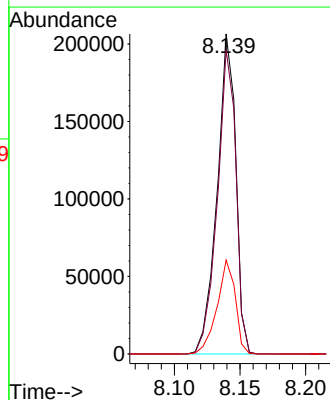
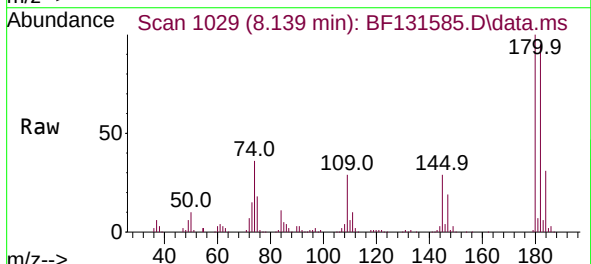
Tgt Ion:180 Resp: 204448

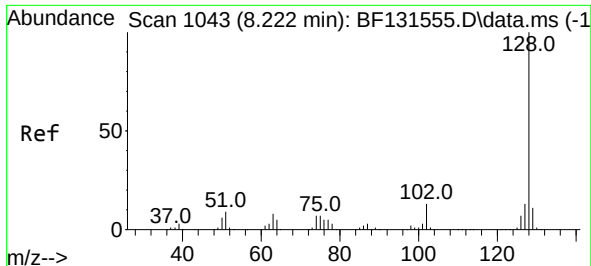
Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.6

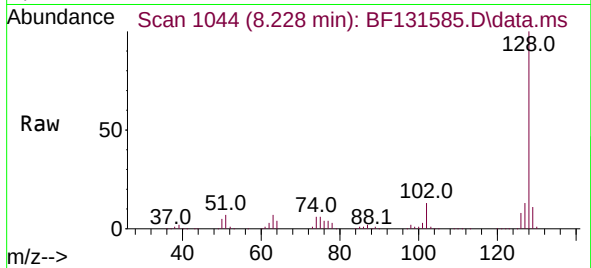
145 29.3 22.4 33.6





#31
Naphthalene
Concen: 37.379 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

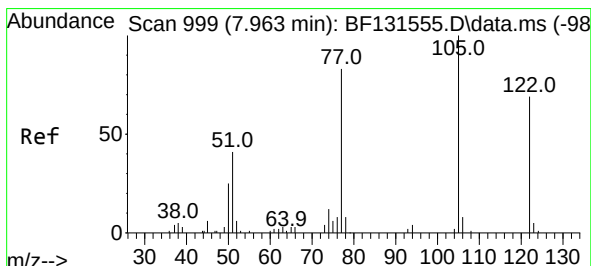
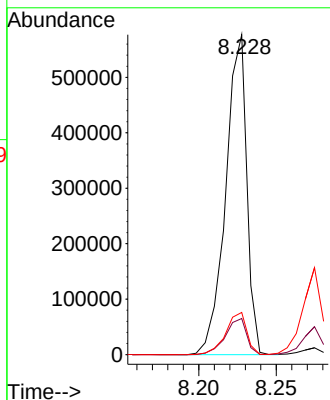
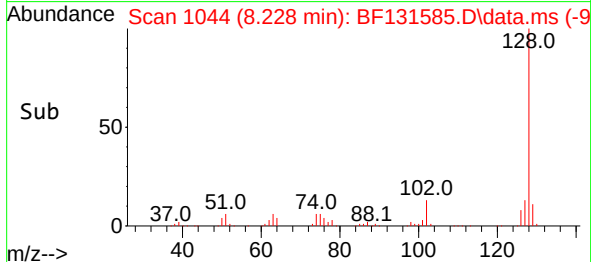
Instrument :
BNA_F
ClientSampleId :
PB149515BS



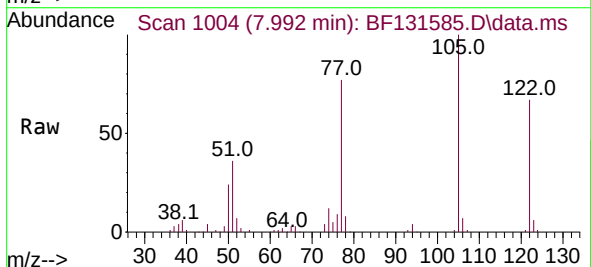
Tgt Ion:128 Resp: 544939
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 15.8

Manual Integrations
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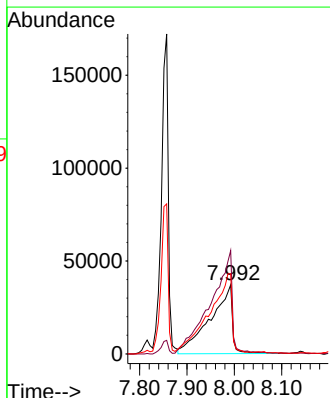
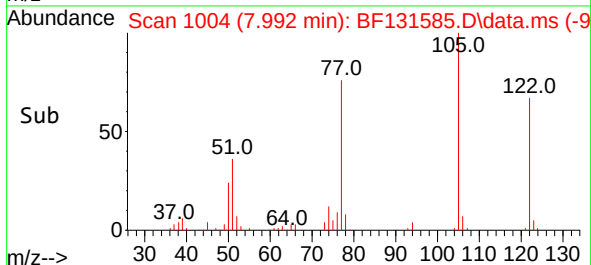
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

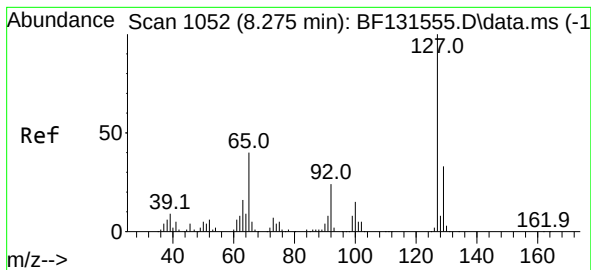


#32
Benzoic acid
Concen: 46.110 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.029 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



Tgt Ion:122 Resp: 120530
Ion Ratio Lower Upper
122 100
105 149.7 119.8 159.8
77 116.0 97.6 137.6





#33
4-Chloroaniline
Concen: 26.252 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

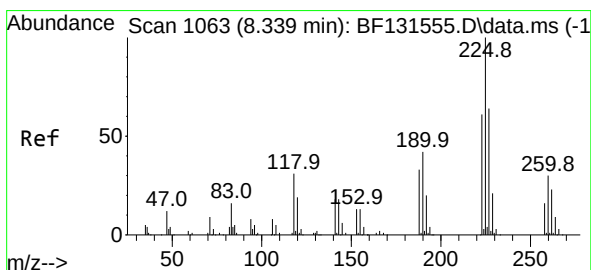
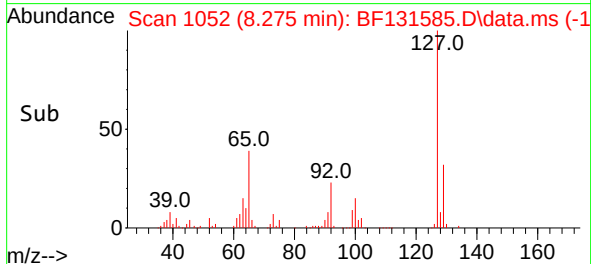
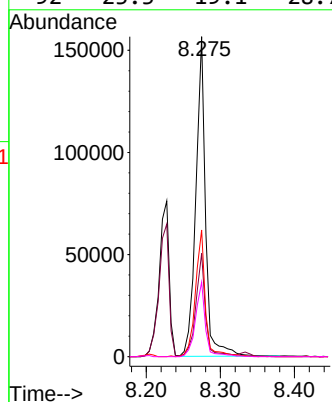
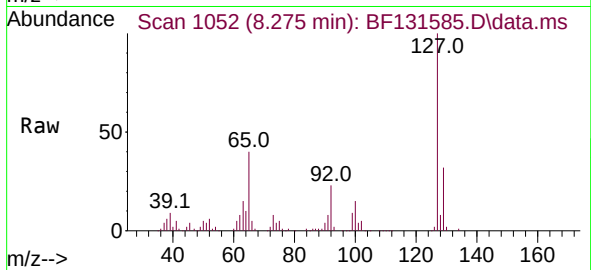
PB149515BS

Tgt Ion:127 Resp: 143459
Ion Ratio Lower Upper
127 100
129 32.2 26.4 39.6
65 39.6 31.9 47.9
92 23.3 19.1 28.7

Manual Integrations

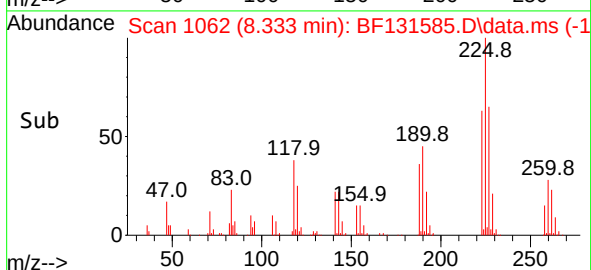
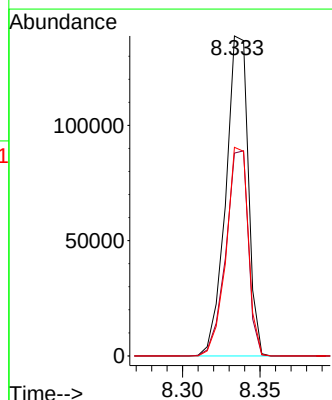
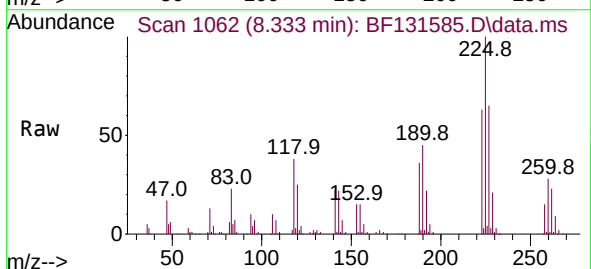
APPROVED

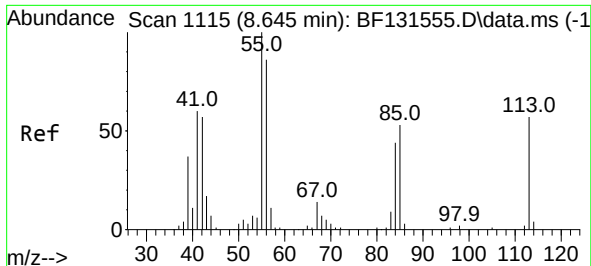
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#34
Hexachlorobutadiene
Concen: 36.307 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

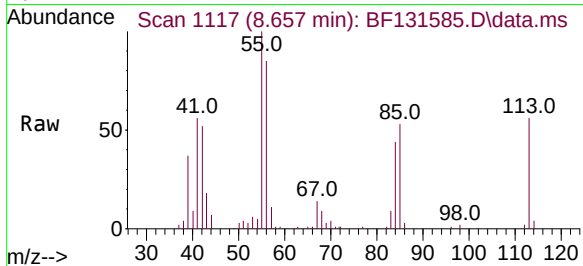
Tgt Ion:225 Resp: 140043
Ion Ratio Lower Upper
225 100
223 63.4 48.7 73.1
227 65.2 51.0 76.6





#35
Caprolactam
Concen: 44.179 ng m
RT: 8.657 min Scan# 1115
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

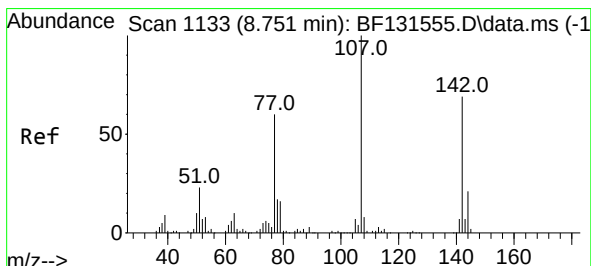
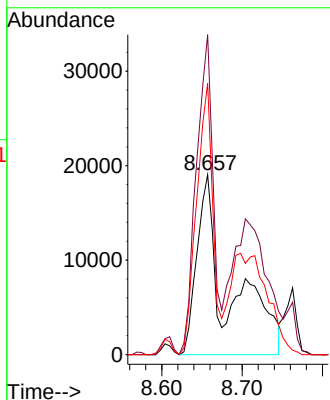
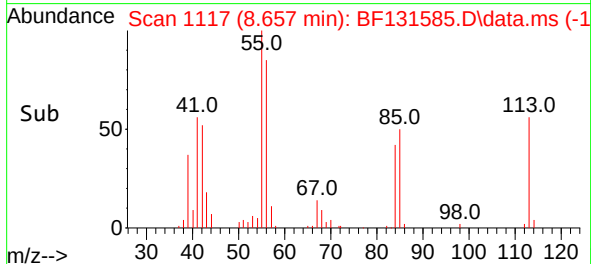
Instrument :
BNA_F
ClientSampleId :
PB149515BS



Tgt Ion:113 Resp: 51003
Ion Ratio Lower Upper
113 100
55 178.0 155.8 195.8
56 150.9 131.7 171.7

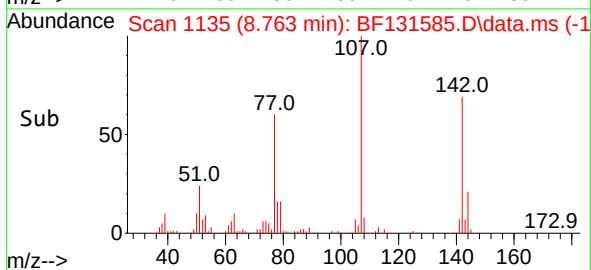
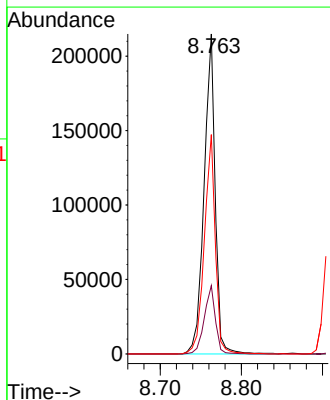
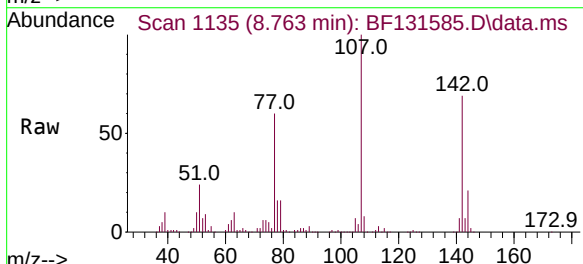
Manual Integrations
APPROVED

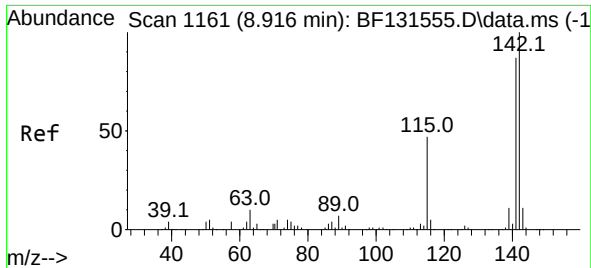
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#36
4-Chloro-3-methylphenol
Concen: 40.975 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Tgt Ion:107 Resp: 205340
Ion Ratio Lower Upper
107 100
144 21.3 17.0 25.4
142 68.5 54.8 82.2





#37

2-Methylnaphthalene

Concen: 38.711 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF131585.D

Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB149515BS

Tgt Ion:142 Resp: 385959

Ion Ratio Lower Upper

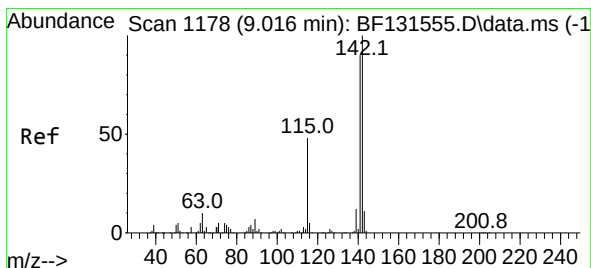
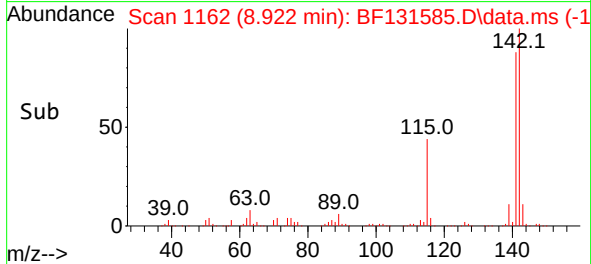
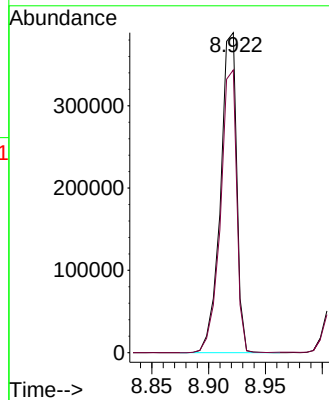
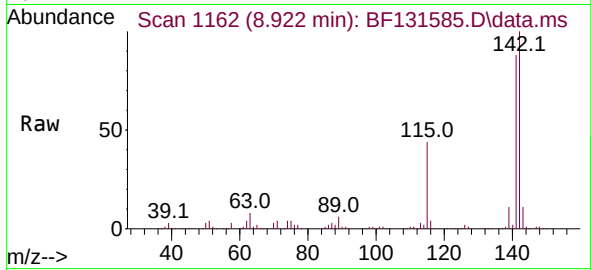
142 100

141 88.3 69.7 104.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#38

1-Methylnaphthalene

Concen: 37.327 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF131585.D

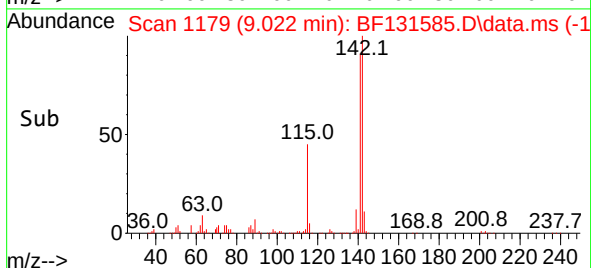
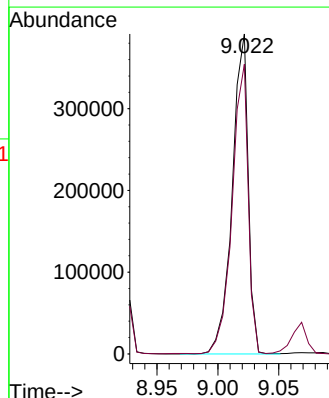
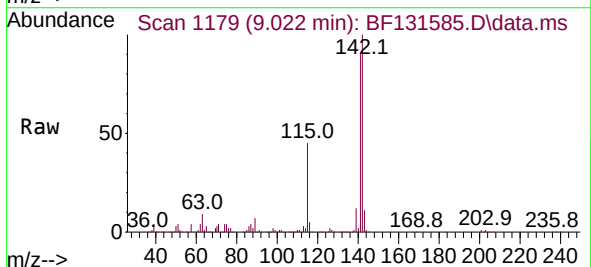
Acq: 10 Dec 2022 12:28

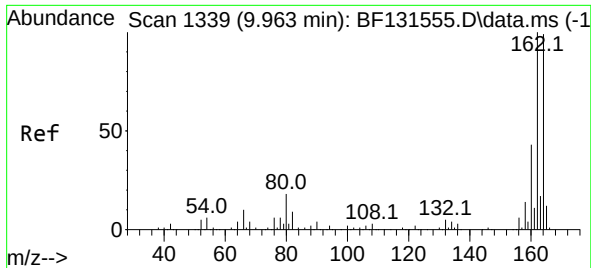
Tgt Ion:142 Resp: 357266

Ion Ratio Lower Upper

142 100

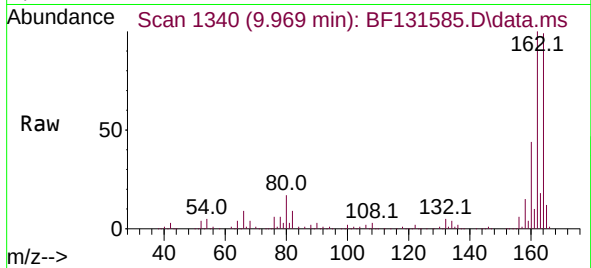
141 90.5 71.9 107.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

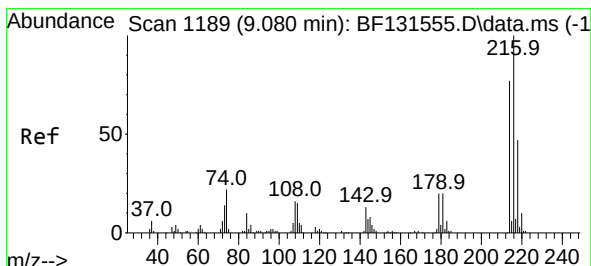
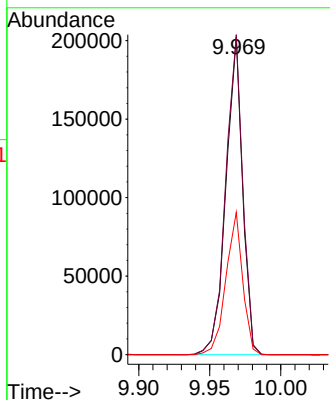
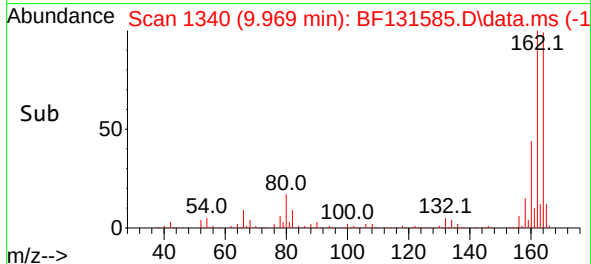
Instrument :
BNA_F
ClientSampleId :
PB149515BS



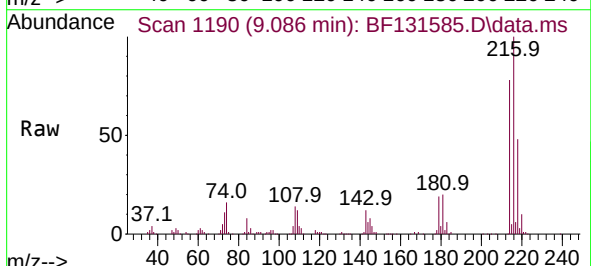
Tgt Ion:164 Resp: 165207
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.6
160 44.8 35.0 52.6

Manual Integrations
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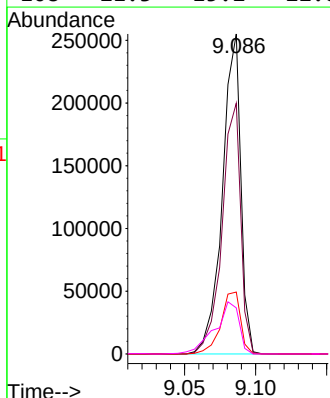
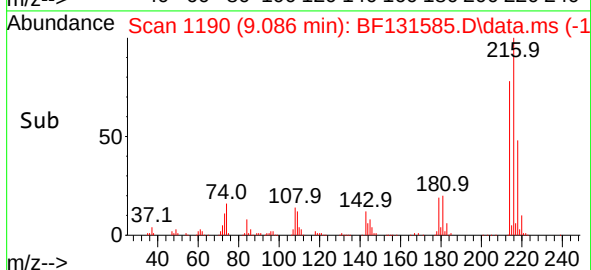
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

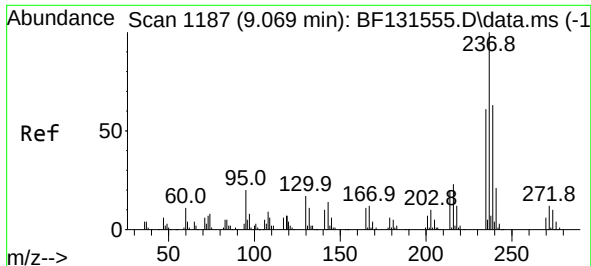


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.521 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



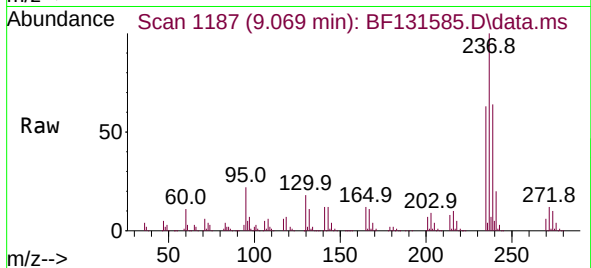
Tgt Ion:216 Resp: 229466
Ion Ratio Lower Upper
216 100
214 79.1 62.1 93.1
179 20.7 16.0 24.0
108 21.3 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 89.267 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

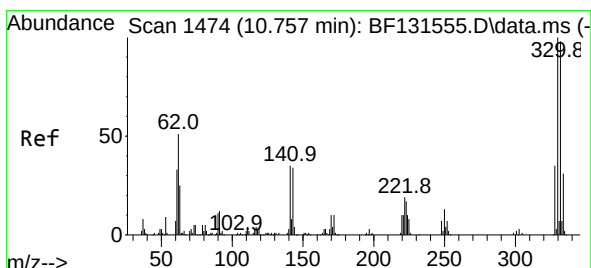
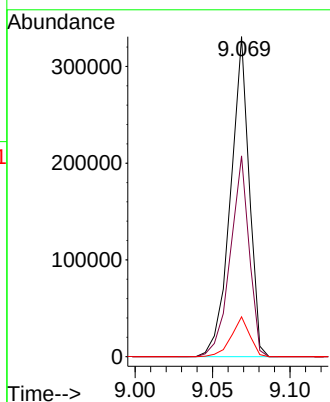
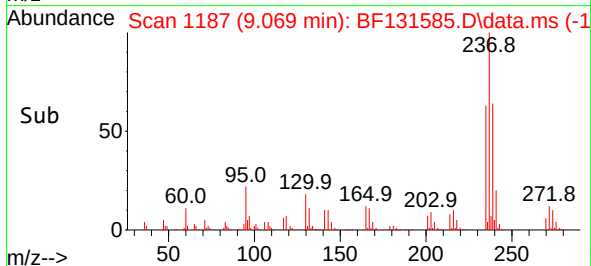
Instrument :
BNA_F
ClientSampleId :
PB149515BS



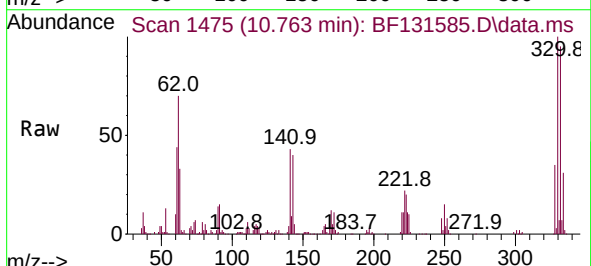
Tgt Ion:237 Resp: 277095
Ion Ratio Lower Upper
237 100
235 62.7 40.6 80.6
272 12.4 0.0 32.2

Manual Integrations
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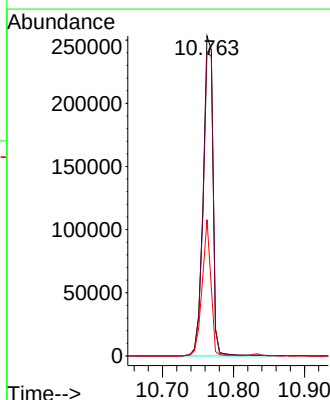
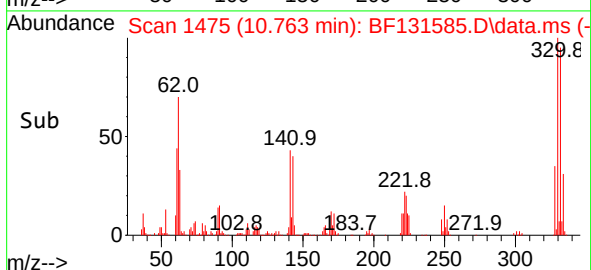
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

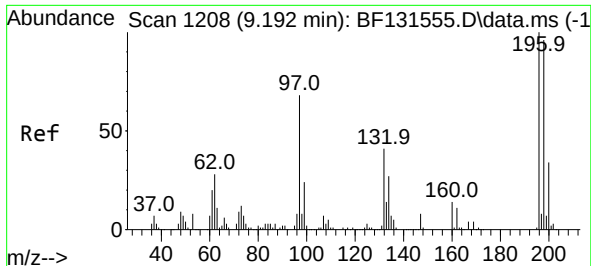


#42
2,4,6-Tribromophenol
Concen: 131.163 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



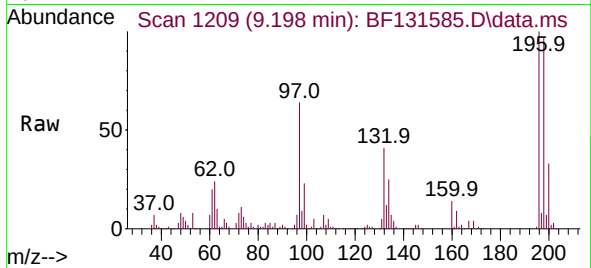
Tgt Ion:330 Resp: 240750
Ion Ratio Lower Upper
330 100
332 96.5 78.3 117.5
141 38.0 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 38.037 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

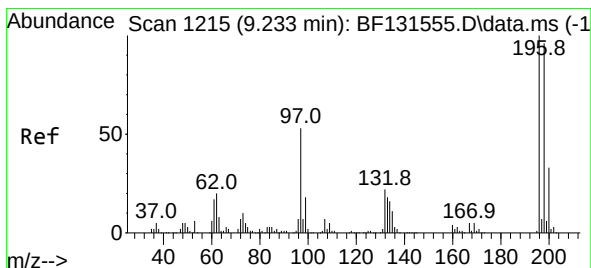
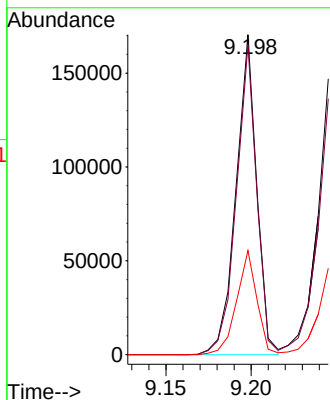
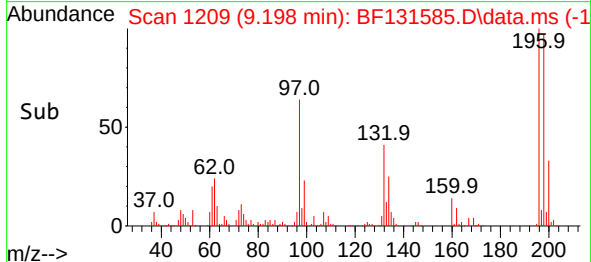
Instrument :
BNA_F
ClientSampleId :
PB149515BS



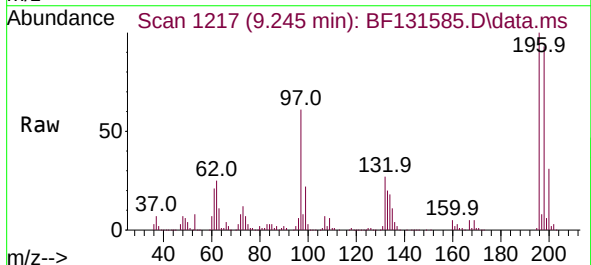
Tgt Ion:196 Resp: 143882
Ion Ratio Lower Upper
196 100
198 96.8 76.9 115.3
200 32.5 26.9 40.3

Manual Integrations
APPROVED

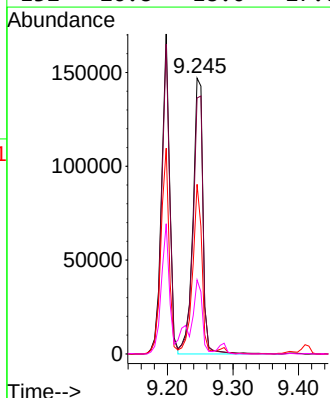
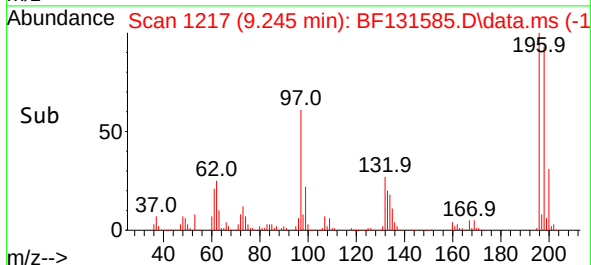
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

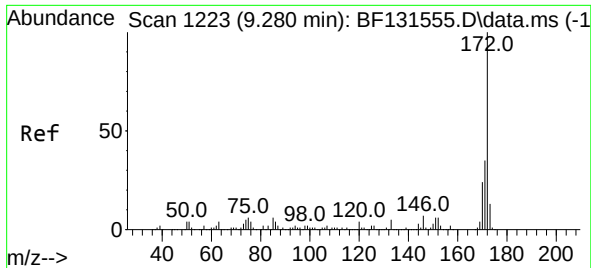


#44
2,4,5-Trichlorophenol
Concen: 38.479 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



Tgt Ion:196 Resp: 156536
Ion Ratio Lower Upper
196 100
198 92.9 77.2 115.8
97 61.5 42.2 63.2
132 26.8 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 69.160 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF131585.D

Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB149515BS

Tgt Ion:172 Resp: 906174

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

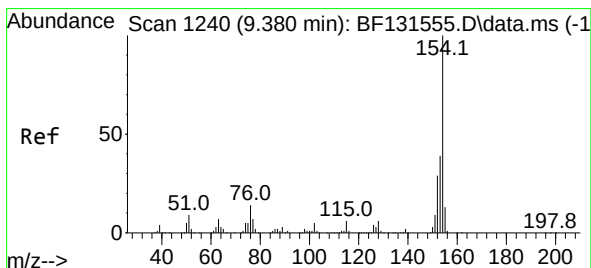
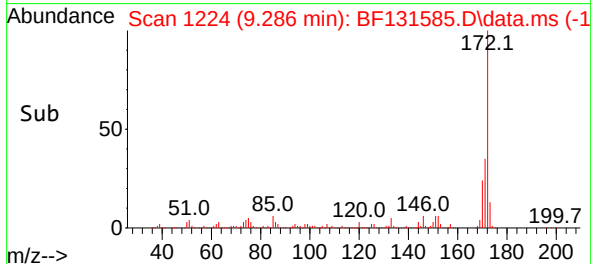
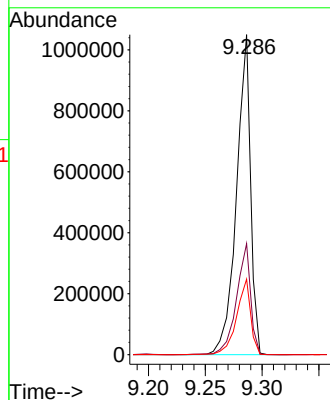
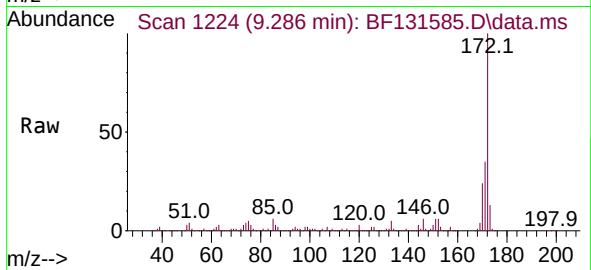
170 23.6 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#46

1,1'-Biphenyl

Concen: 37.654 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF131585.D

Acq: 10 Dec 2022 12:28

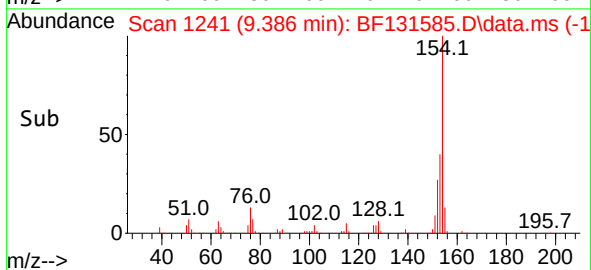
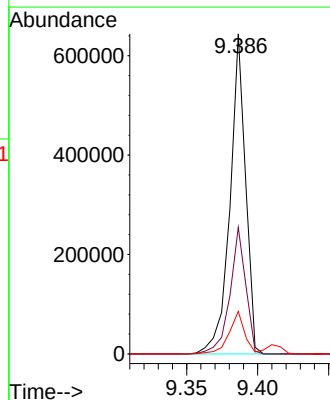
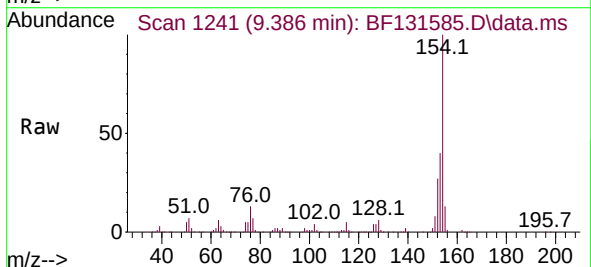
Tgt Ion:154 Resp: 491847

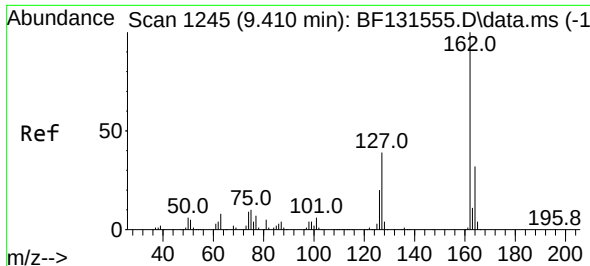
Ion Ratio Lower Upper

154 100

153 39.5 19.4 59.4

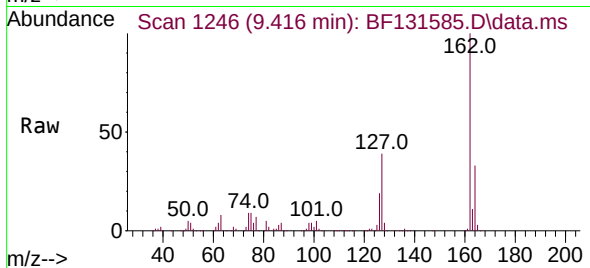
76 13.3 0.0 34.0





#47
2-Chloronaphthalene
Concen: 36.569 ng
RT: 9.416 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

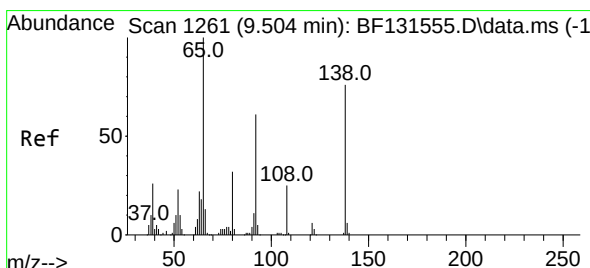
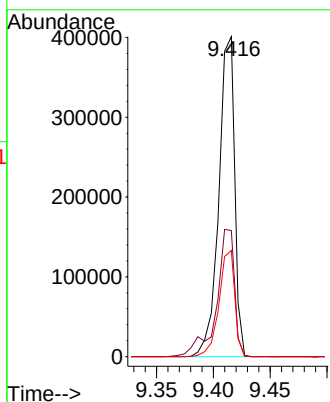
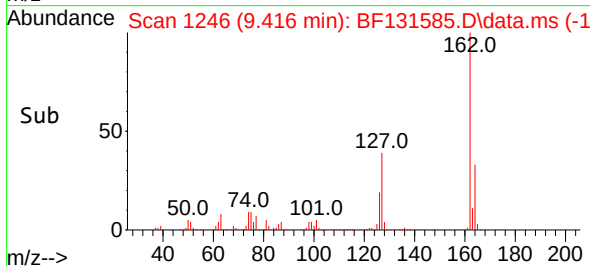
Instrument :
BNA_F
ClientSampleId :
PB149515BS



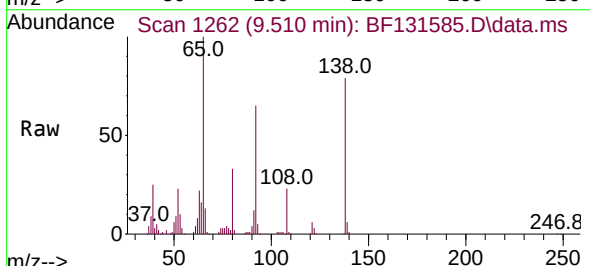
Tgt Ion:162 Resp: 389184
Ion Ratio Lower Upper
162 100
127 39.4 31.4 47.2
164 33.2 25.8 38.8

Manual Integrations
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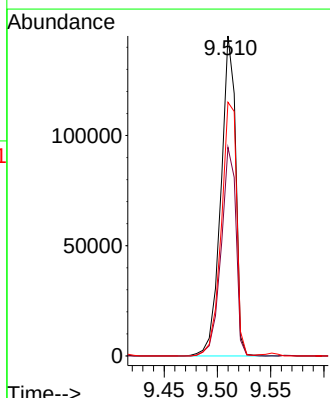
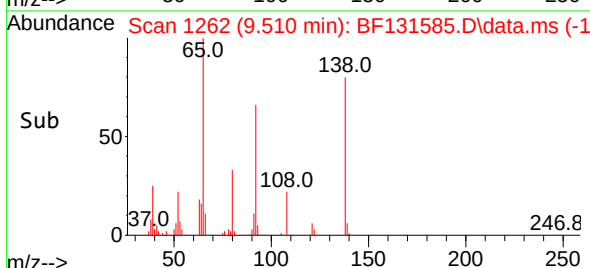
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

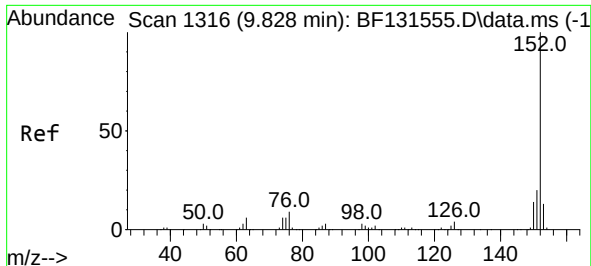


#48
2-Nitroaniline
Concen: 37.251 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



Tgt Ion: 65 Resp: 140433
Ion Ratio Lower Upper
65 100
92 65.2 49.2 73.8
138 79.3 60.7 91.1





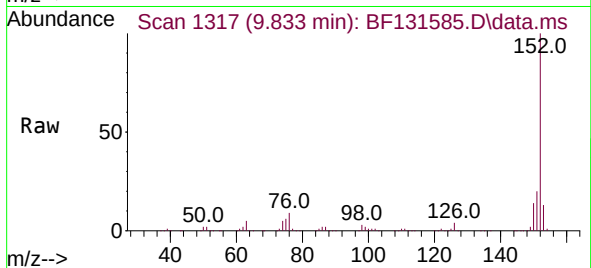
#49
Acenaphthylene
Concen: 37.502 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB149515BS

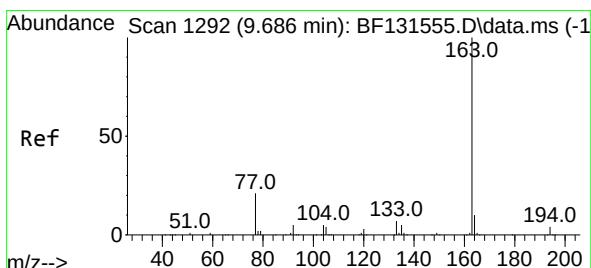
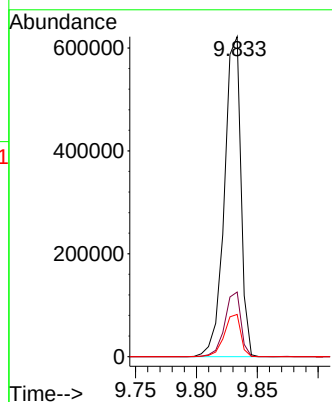
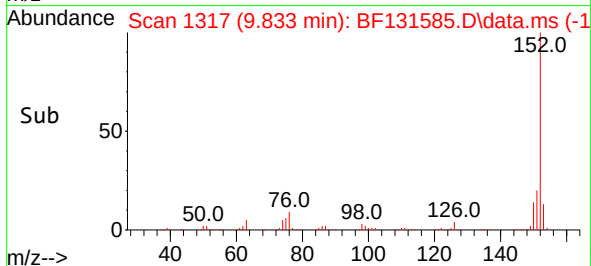


Tgt Ion:152 Resp: 586004
Ion Ratio Lower Upper
152 100
151 20.2 15.6 23.4
153 13.2 10.4 15.6

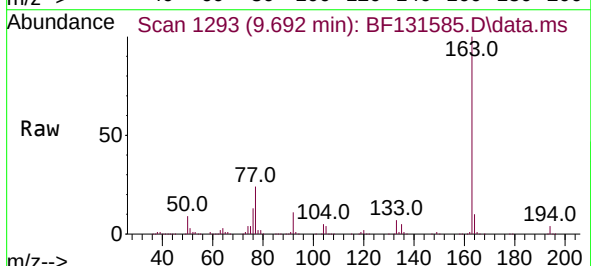
Manual Integrations

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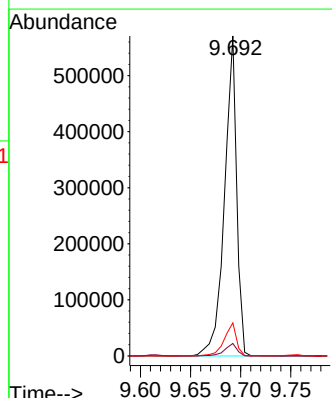
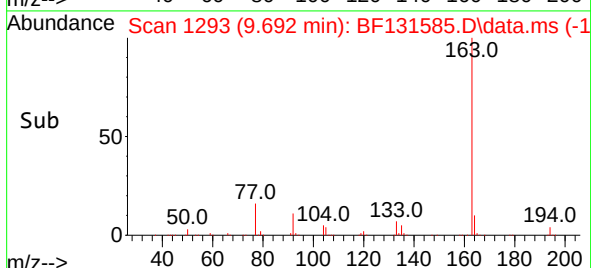
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

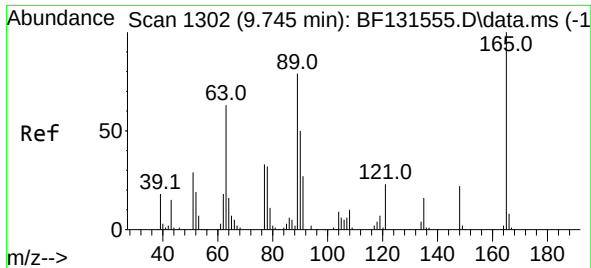


#50
Dimethylphthalate
Concen: 38.386 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



Tgt Ion:163 Resp: 483431
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 7.8 11.6





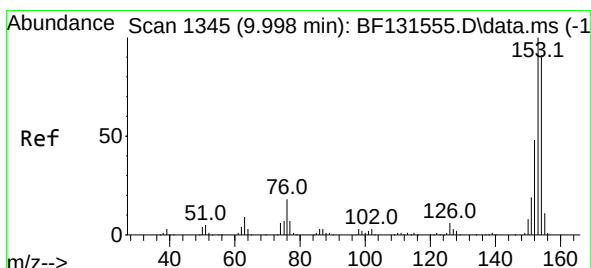
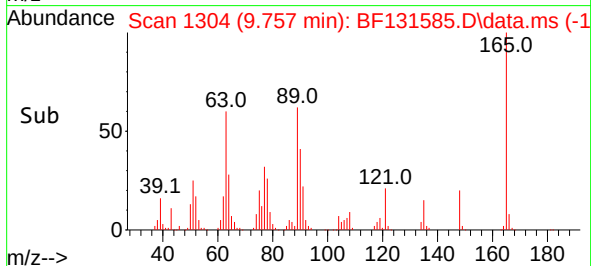
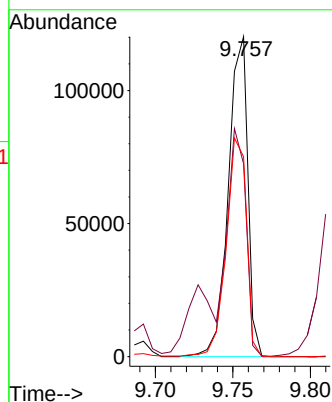
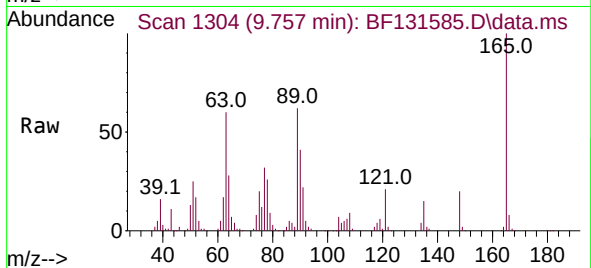
#51
2,6-Dinitrotoluene
Concen: 40.374 ng
RT: 9.757 min Scan# 1302
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB149515BS

Tgt Ion:165 Resp: 104972
Ion Ratio Lower Upper
165 100
63 60.3 67.9 101.9
89 62.5 63.2 94.8

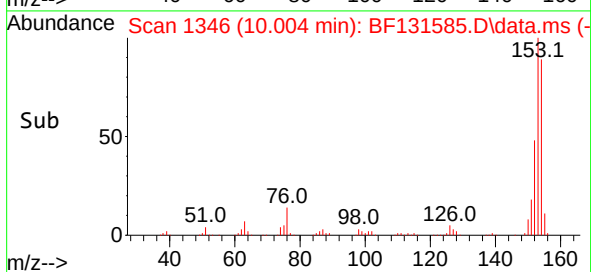
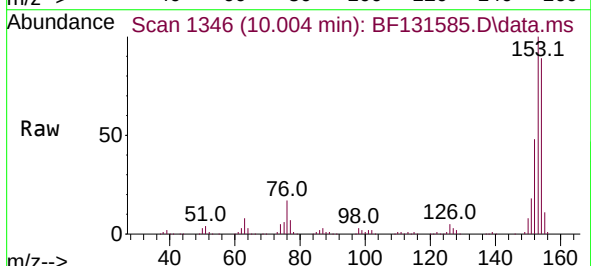
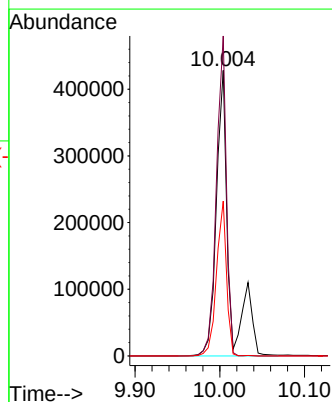
Manual Integrations
APPROVED

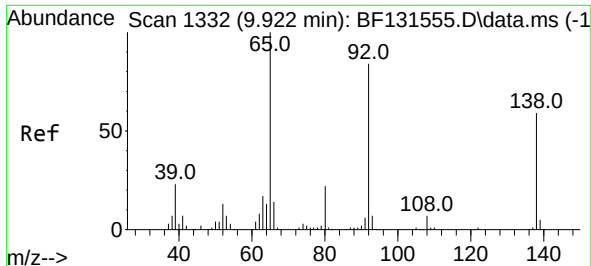
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#52
Acenaphthene
Concen: 42.961 ng m
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Tgt Ion:154 Resp: 449724
Ion Ratio Lower Upper
154 100
153 112.1 87.9 131.9
152 54.3 42.4 63.6





#53
3-Nitroaniline
Concen: 29.358 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

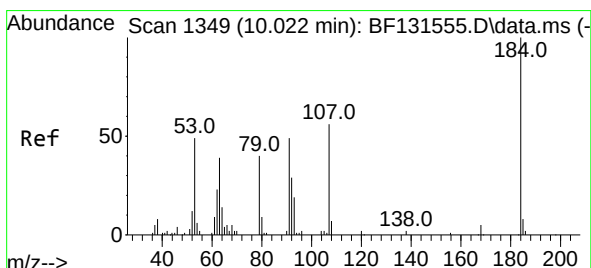
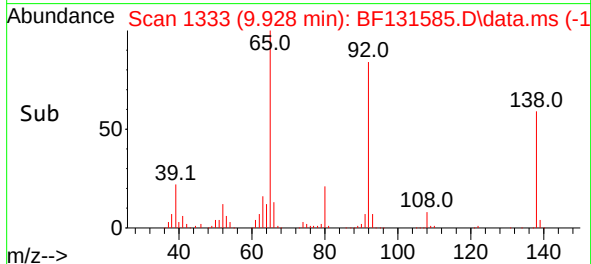
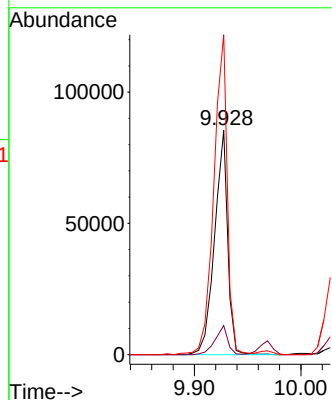
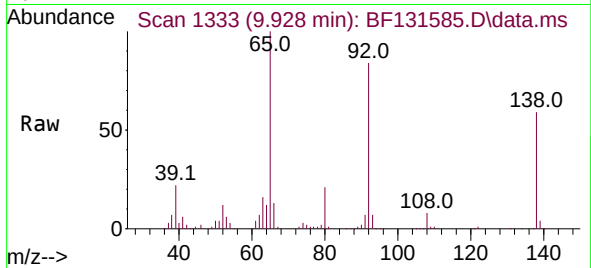
ClientSampleId :

PB149515BS

Tgt Ion:138 Resp: 7323
Ion Ratio Lower Upper
138 100
108 13.0 9.6 14.4
92 142.6 113.4 170.0

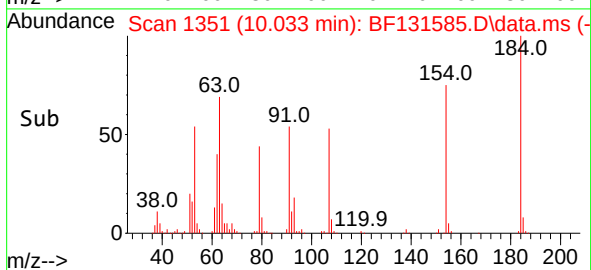
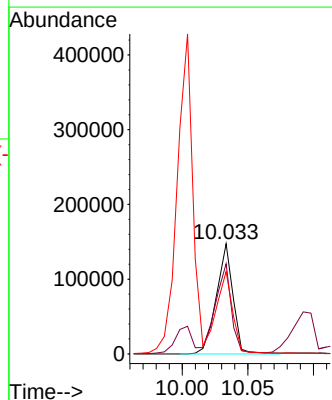
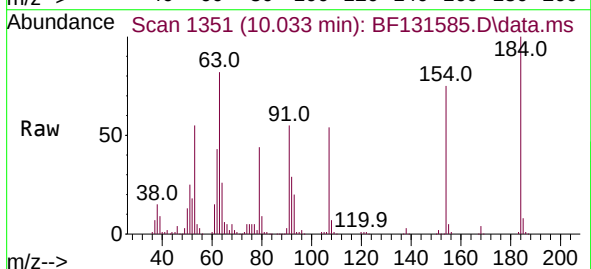
Manual Integrations
APPROVED

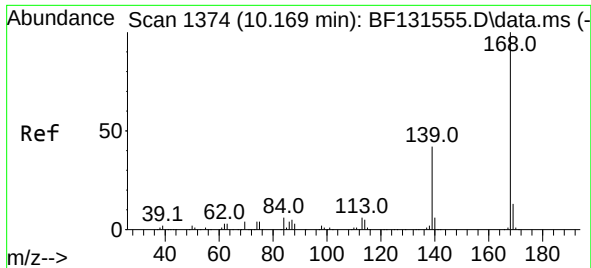
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#54
2,4-Dinitrophenol
Concen: 87.365 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.011 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Tgt Ion:184 Resp: 130621
Ion Ratio Lower Upper
184 100
63 81.8 60.7 91.1
154 74.7 59.0 88.6





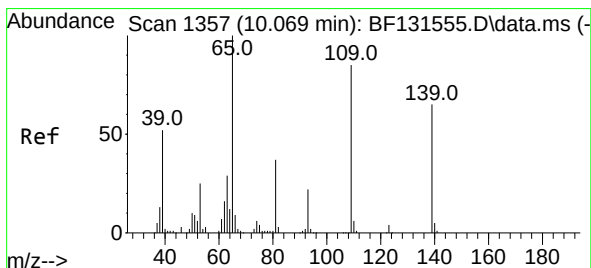
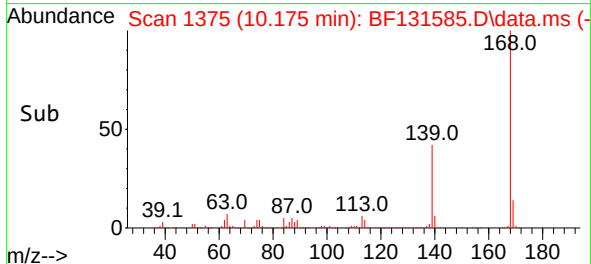
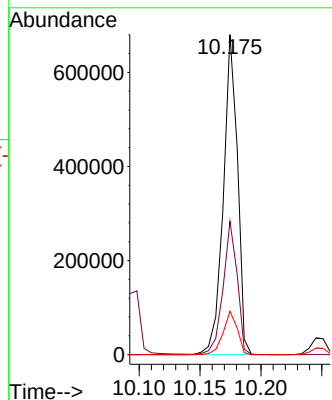
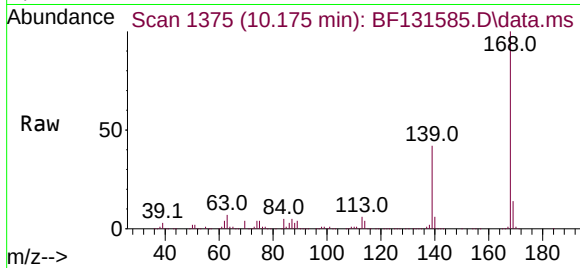
#55
Dibenzenofuran
Concen: 37.243 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB149515BS

Tgt Ion:168 Resp: 550855
Ion Ratio Lower Upper
168 100
139 41.7 33.9 50.9
169 13.5 10.7 16.1

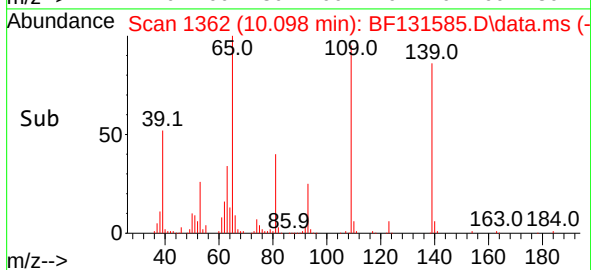
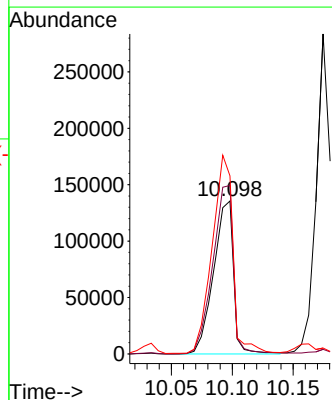
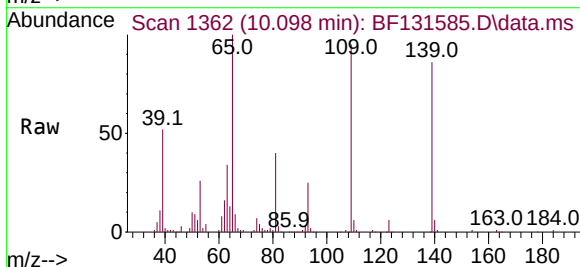
Manual Integrations
APPROVED

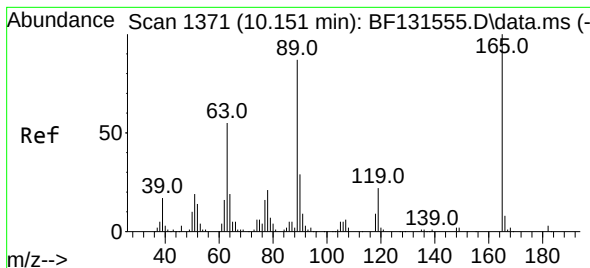
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#56
4-Nitrophenol
Concen: 89.143 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.029 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Tgt Ion:139 Resp: 154481
Ion Ratio Lower Upper
139 100
109 110.2 110.2 150.2#
65 116.5 133.3 173.3#





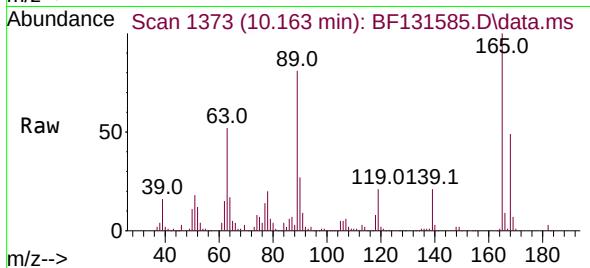
#57
2,4-Dinitrotoluene
Concen: 41.499 ng
RT: 10.163 min Scan# 1371
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB149515BS

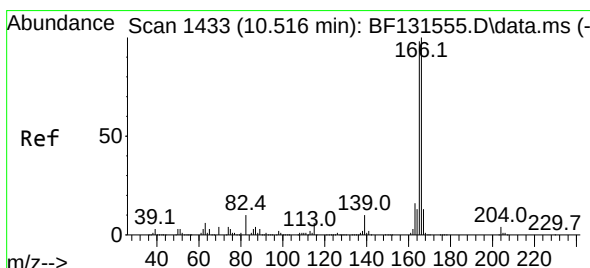
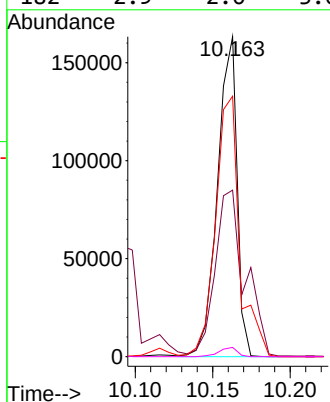
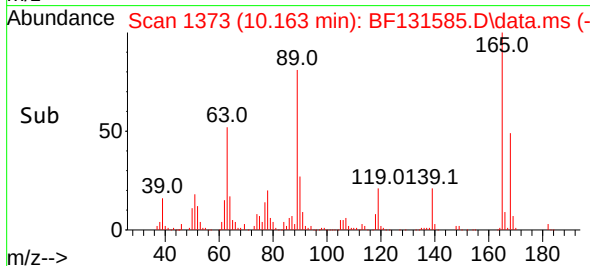


Tgt Ion:165 Resp: 143129
Ion Ratio Lower Upper
165 100
63 52.0 44.4 66.6
89 81.4 69.6 104.4
182 2.9 2.0 3.0

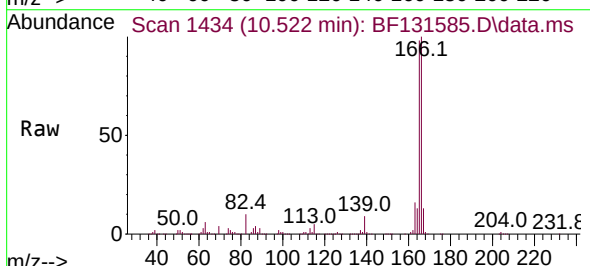
Manual Integrations

APPROVED

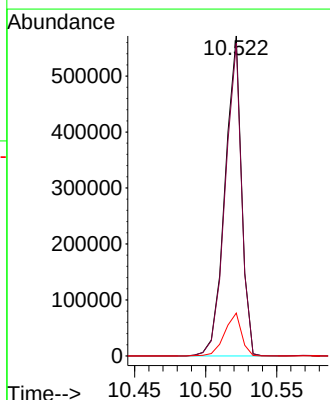
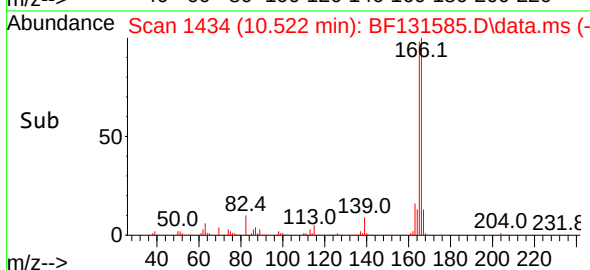
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

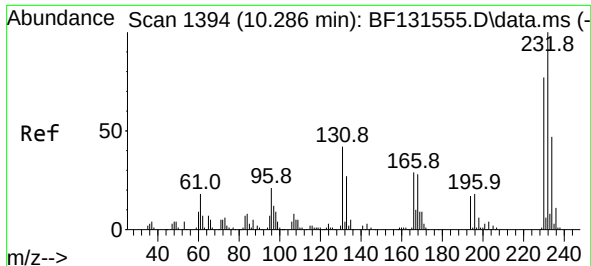


#58
Fluorene
Concen: 38.235 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



Tgt Ion:166 Resp: 459755
Ion Ratio Lower Upper
166 100
165 97.7 78.4 117.6
167 13.4 10.7 16.1





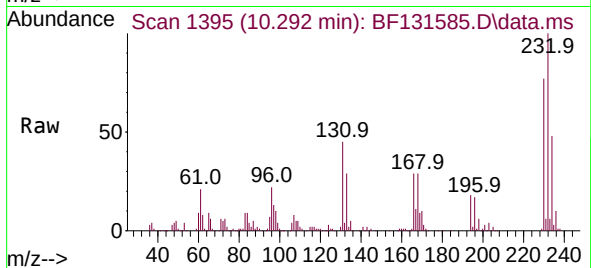
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.575 ng m
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB149515BS

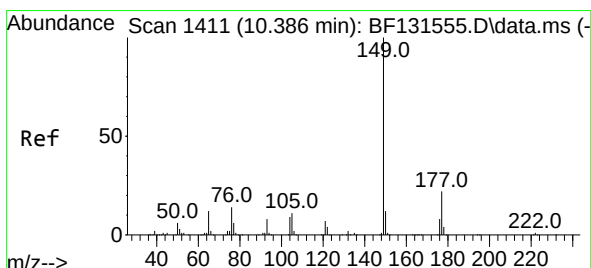
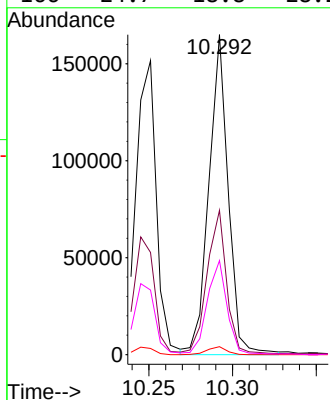
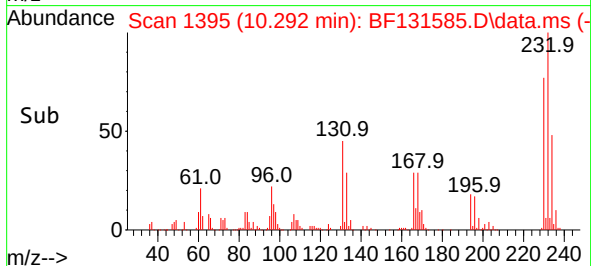


Tgt Ion:232 Resp: 132884
Ion Ratio Lower Upper
232 100
131 40.2 31.0 46.6
130 2.4 1.8 2.8
166 24.7 18.8 28.2

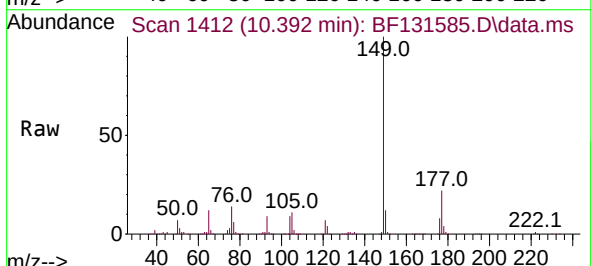
Manual Integrations

APPROVED

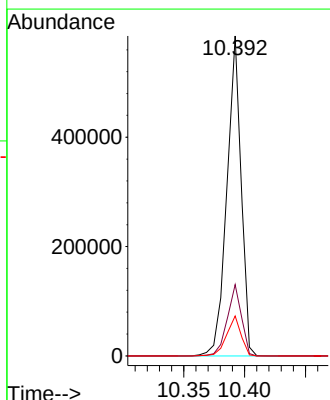
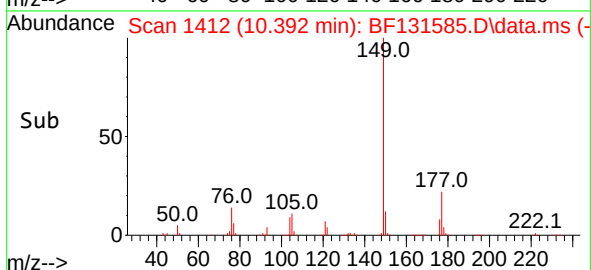
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

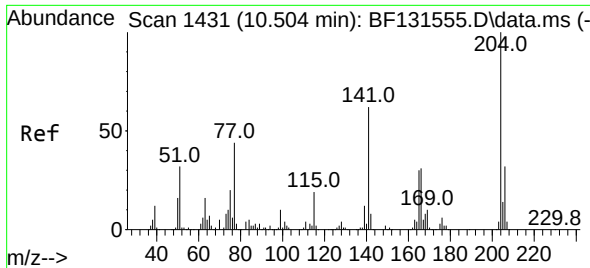


#60
Diethylphthalate
Concen: 39.548 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



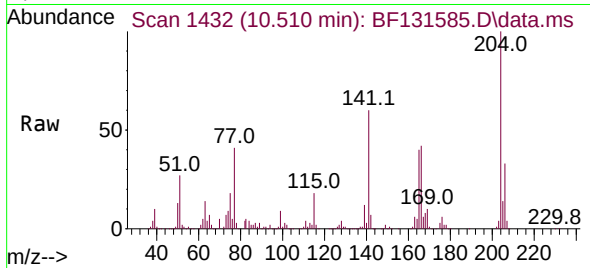
Tgt Ion:149 Resp: 477968
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.2
150 12.5 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 38.124 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

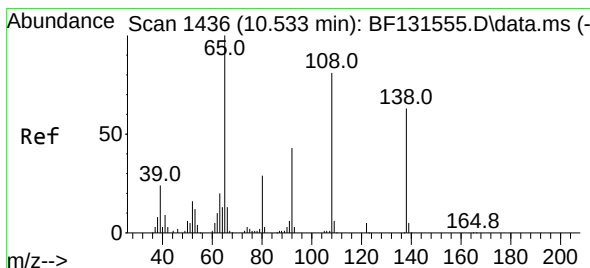
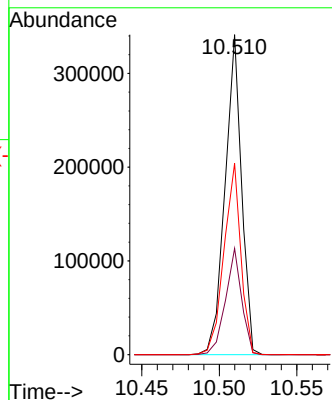
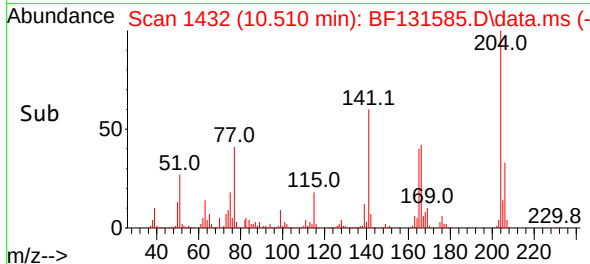
Instrument :
BNA_F
ClientSampleId :
PB149515BS



Tgt Ion:204 Resp: 253332
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.2
141 59.8 49.5 74.3

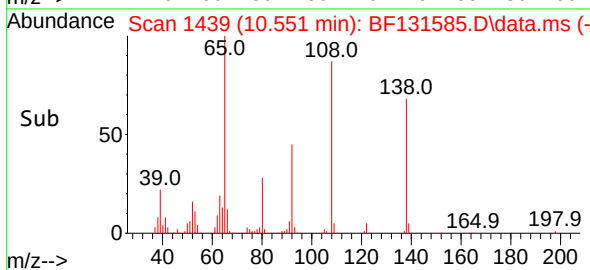
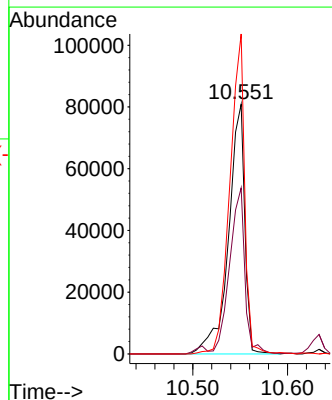
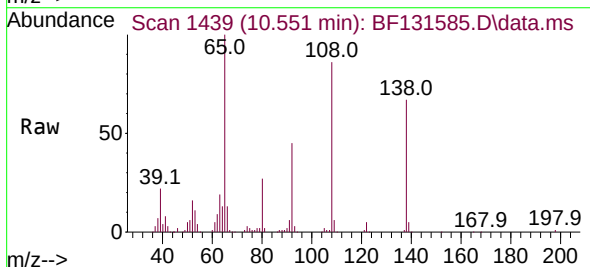
Manual Integrations
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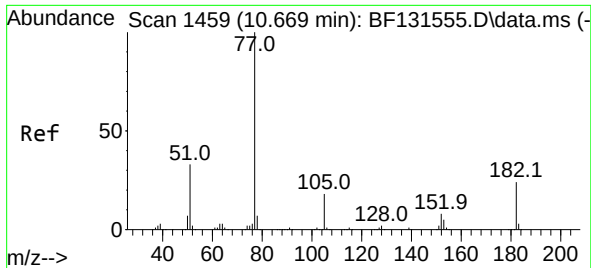
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#62
4-Nitroaniline
Concen: 38.828 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.018 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

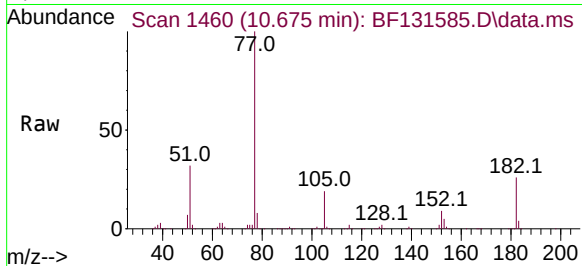
Tgt Ion:138 Resp: 95982
Ion Ratio Lower Upper
138 100
92 66.5 47.5 87.5
108 128.1 108.8 148.8





#63
 Azobenzene
 Concen: 36.627 ng
 RT: 10.675 min Scan# 1459
 Delta R.T. 0.006 min
 Lab File: BF131585.D
 Acq: 10 Dec 2022 12:28

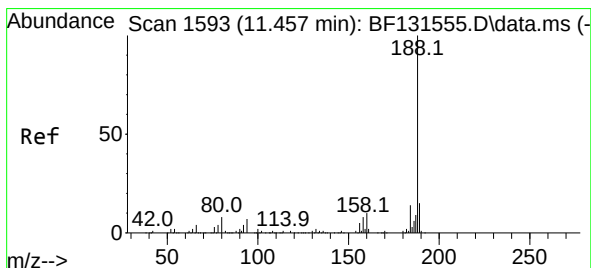
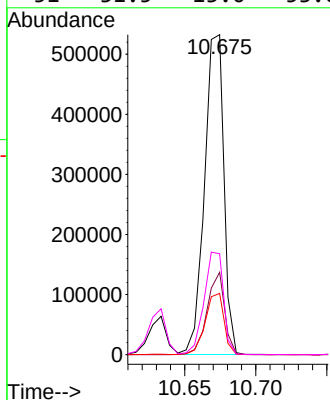
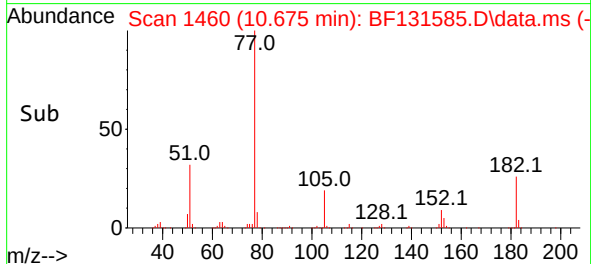
Instrument :
 BNA_F
 ClientSampleId :
 PB149515BS



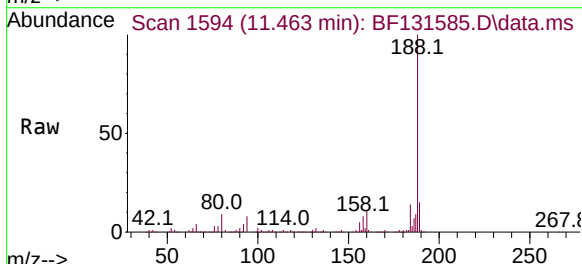
Tgt Ion: 77 Resp: 504872
 Ion Ratio Lower Upper
 77 100
 182 25.7 3.9 43.9
 105 19.1 0.0 38.3
 51 31.5 13.0 53.0

Manual Integrations
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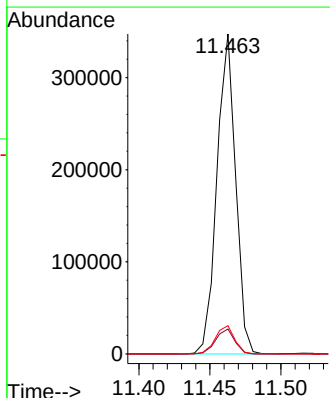
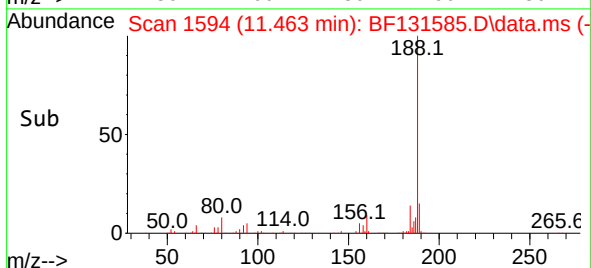
Reviewed By :Christian Giraldo 12/12/2022
 Supervised By :Jagrut Upadhyay 12/12/2022

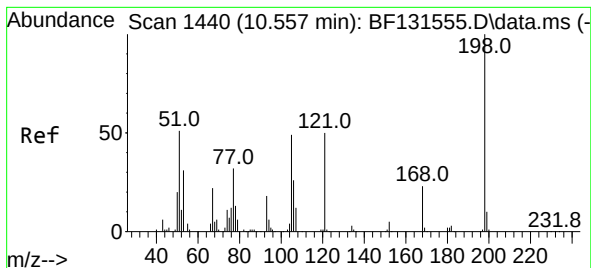


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.463 min Scan# 1594
 Delta R.T. 0.006 min
 Lab File: BF131585.D
 Acq: 10 Dec 2022 12:28



Tgt Ion:188 Resp: 318784
 Ion Ratio Lower Upper
 188 100
 94 7.8 5.5 8.3
 80 8.8 6.6 10.0





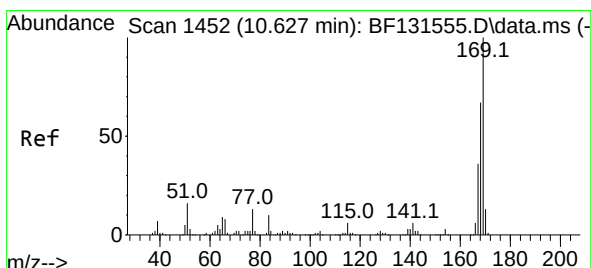
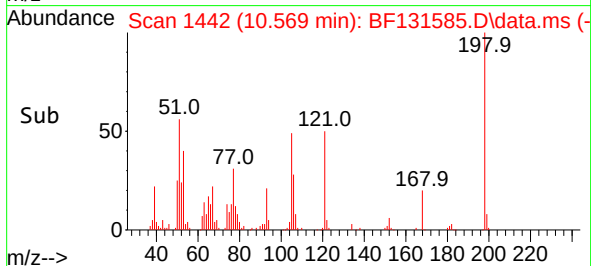
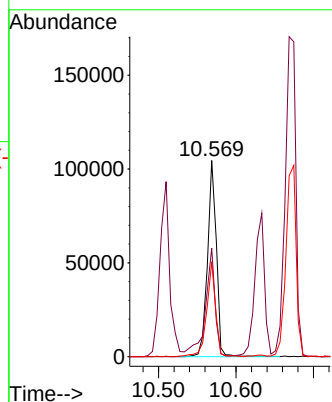
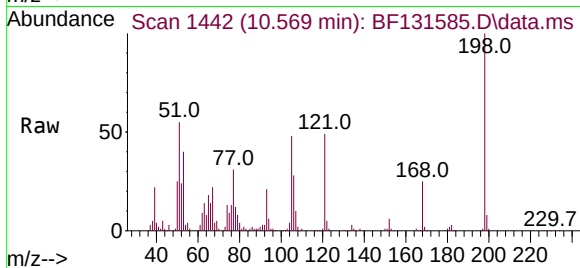
#65
4,6-Dinitro-2-methylphenol
Concen: 41.177 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB149515BS

Tgt Ion:198 Resp: 8314
Ion Ratio Lower Upper
198 100
51 55.4 36.7 76.7
105 48.4 29.9 69.9

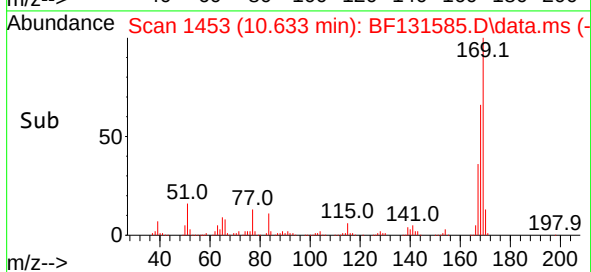
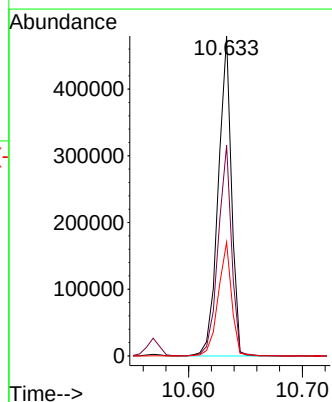
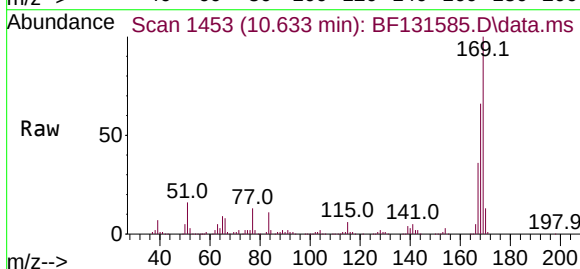
Manual Integrations
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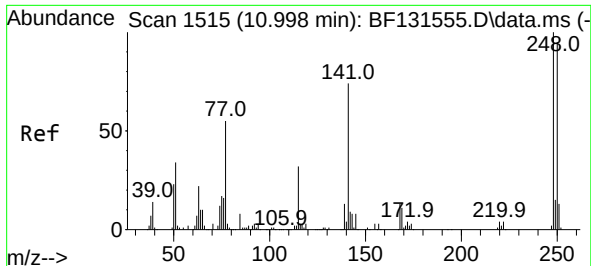
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#66
n-Nitrosodiphenylamine
Concen: 37.513 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

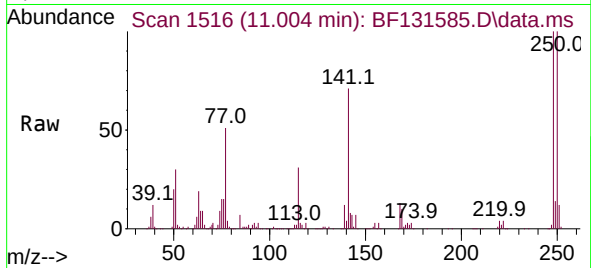
Tgt Ion:169 Resp: 386607
Ion Ratio Lower Upper
169 100
168 65.8 53.8 80.6
167 35.5 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 37.042 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

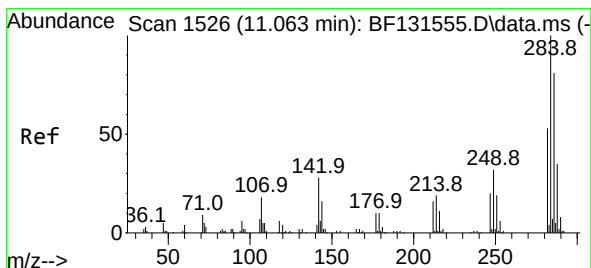
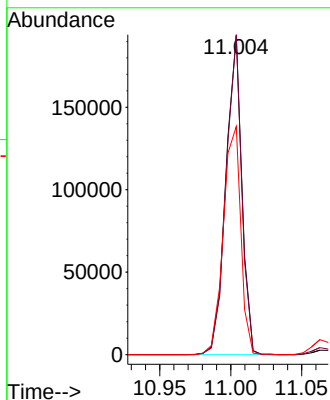
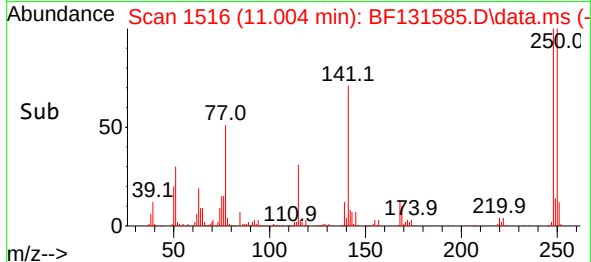
Instrument :
BNA_F
ClientSampleId :
PB149515BS



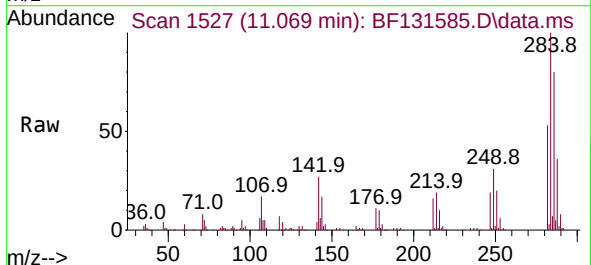
Tgt Ion:248 Resp: 151907
Ion Ratio Lower Upper
248 100
250 100.3 76.2 114.2
141 71.5 59.5 89.3

Manual Integrations
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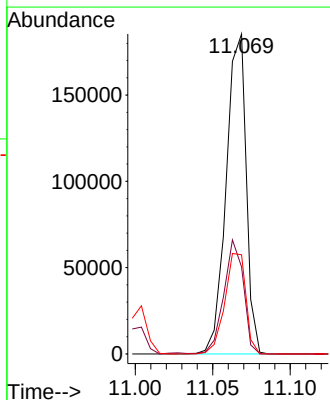
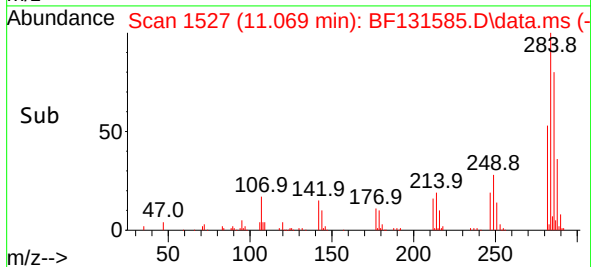
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

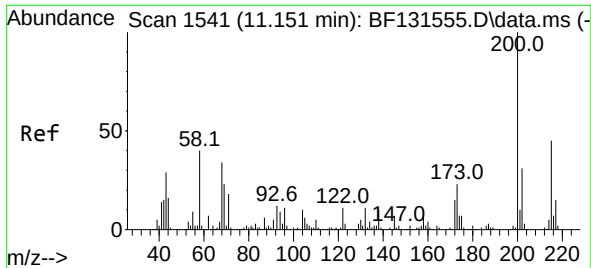


#68
Hexachlorobenzene
Concen: 37.512 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



Tgt Ion:284 Resp: 166395
Ion Ratio Lower Upper
284 100
142 27.2 22.3 33.5
249 31.0 25.4 38.2





#69
 Atrazine
 Concen: 41.133 ng
 RT: 11.163 min Scan# 1543
 Delta R.T. 0.012 min
 Lab File: BF131585.D
 Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

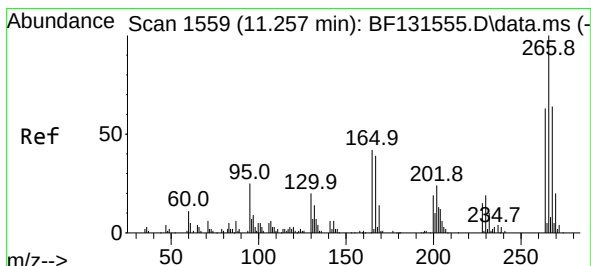
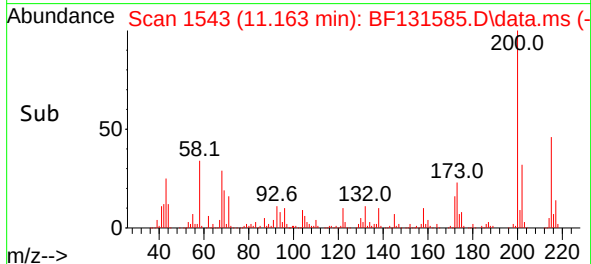
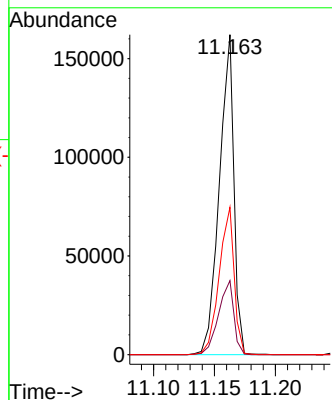
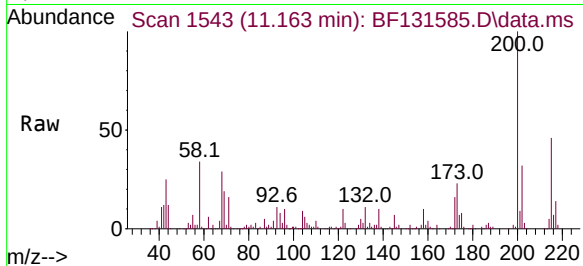
PB149515BS

Tgt Ion:200 Resp: 134619
 Ion Ratio Lower Upper
 200 100
 173 23.1 3.4 43.4
 215 46.0 25.0 65.0

Manual Integrations

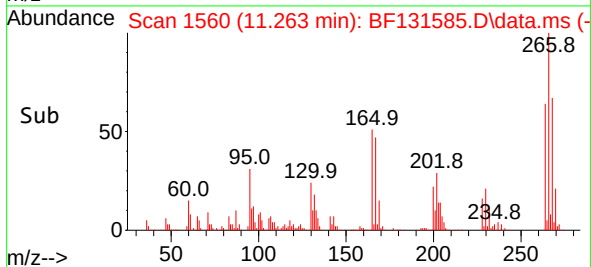
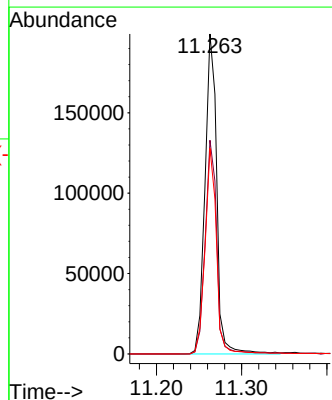
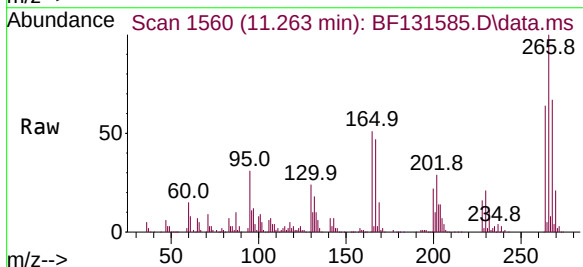
APPROVED

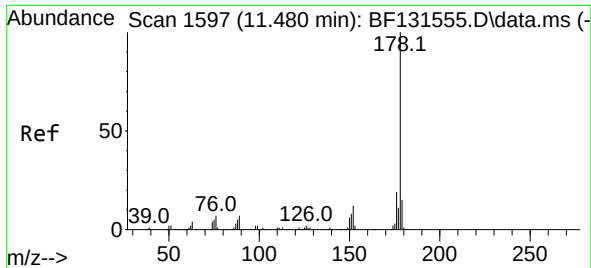
Reviewed By :Christian Giraldo 12/12/2022
 Supervised By :Jagrut Upadhyay 12/12/2022



#70
 Pentachlorophenol
 Concen: 83.382 ng
 RT: 11.263 min Scan# 1560
 Delta R.T. 0.006 min
 Lab File: BF131585.D
 Acq: 10 Dec 2022 12:28

Tgt Ion:266 Resp: 190412
 Ion Ratio Lower Upper
 266 100
 268 66.8 51.5 77.3
 264 64.3 50.7 76.1





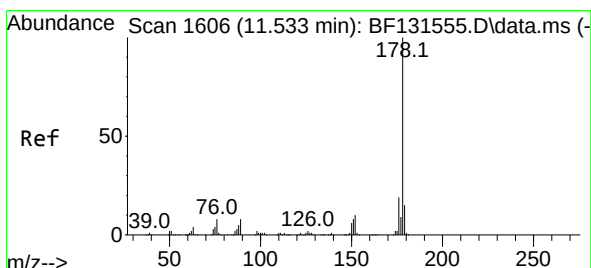
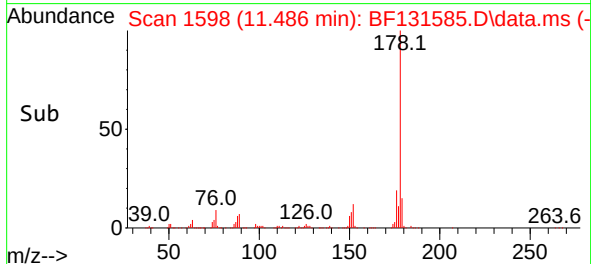
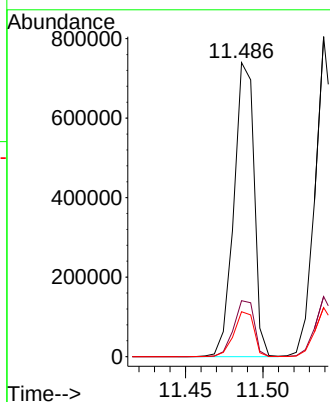
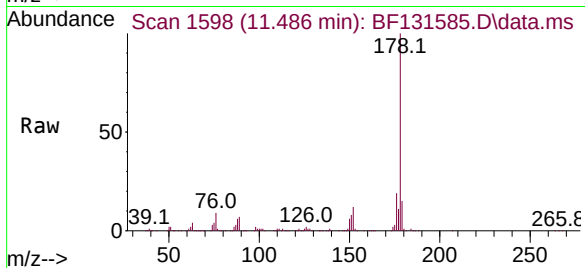
#71
Phenanthrene
Concen: 37.726 ng
RT: 11.486 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :
BNA_F
ClientSampleId :
PB149515BS

Tgt Ion:178 Resp: 670343
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.2 18.4

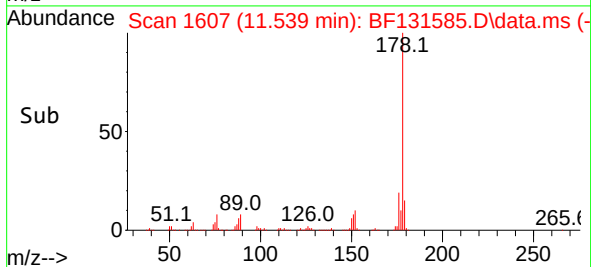
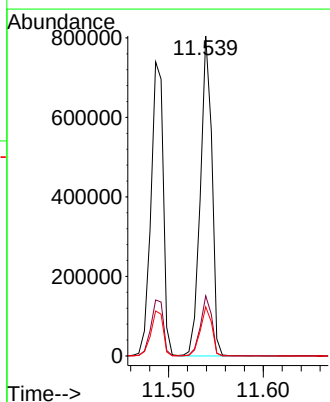
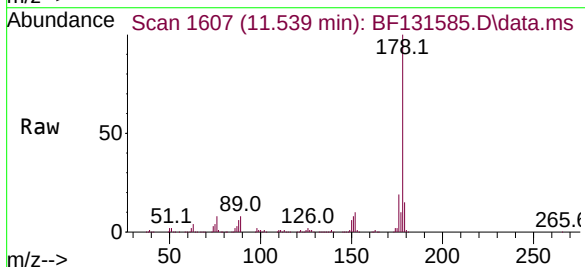
Manual Integrations
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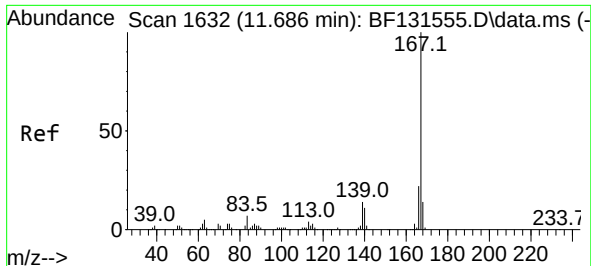
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#72
Anthracene
Concen: 39.284 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

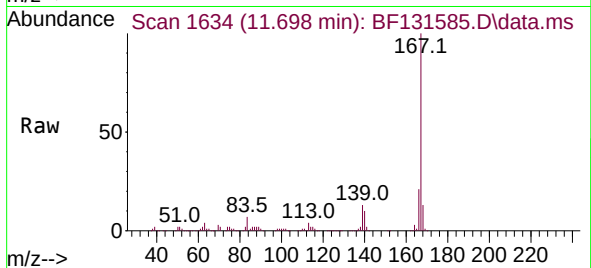
Tgt Ion:178 Resp: 679113
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 40.767 ng
 RT: 11.698 min Scan# 1634
 Delta R.T. 0.012 min
 Lab File: BF131585.D
 Acq: 10 Dec 2022 12:28

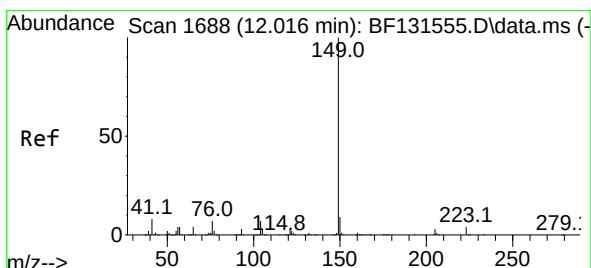
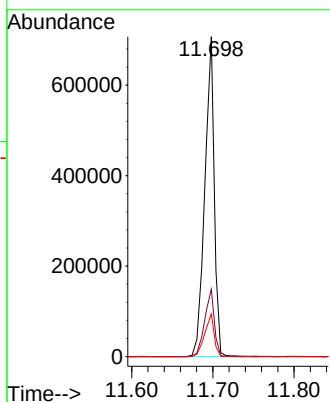
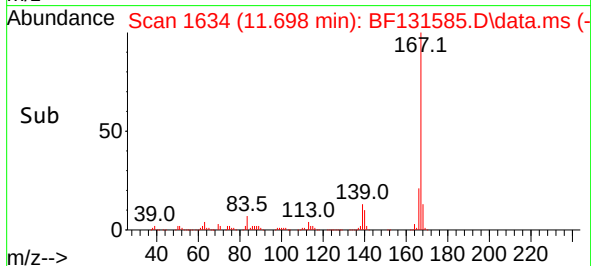
Instrument :
 BNA_F
 ClientSampleId :
 PB149515BS



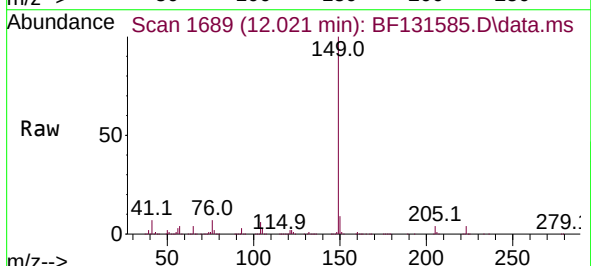
Tgt Ion:167 Resp: 575244
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 13.3 11.0 16.4

Manual Integrations
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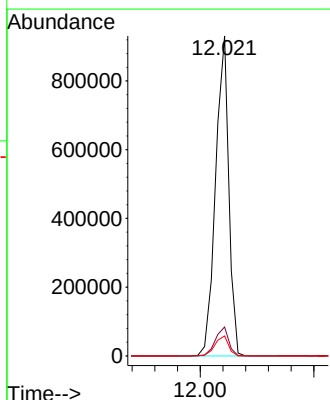
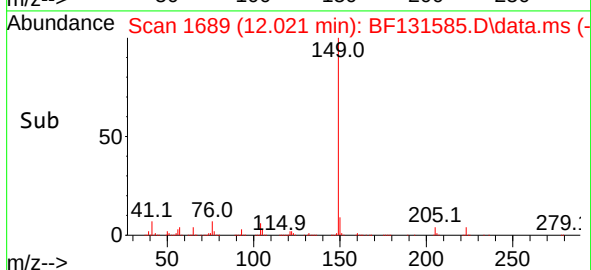
Reviewed By :Christian Giraldo 12/12/2022
 Supervised By :Jagrut Upadhyay 12/12/2022

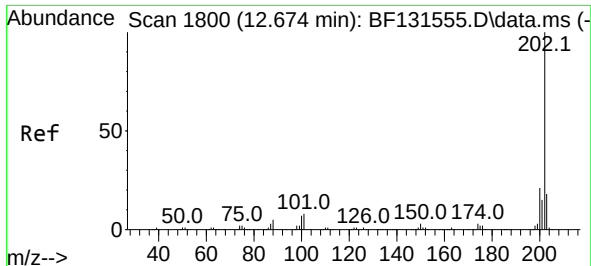


#74
 Di-n-butylphthalate
 Concen: 43.206 ng
 RT: 12.021 min Scan# 1689
 Delta R.T. 0.006 min
 Lab File: BF131585.D
 Acq: 10 Dec 2022 12:28



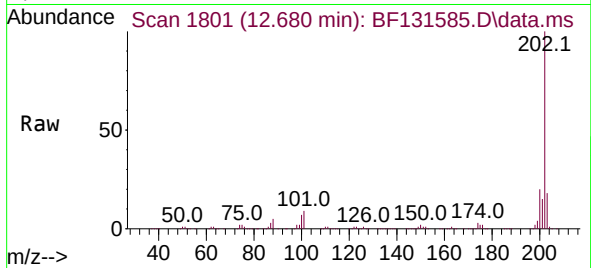
Tgt Ion:149 Resp: 747956
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 6.2 5.2 7.8





#75
Fluoranthene
Concen: 41.027 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

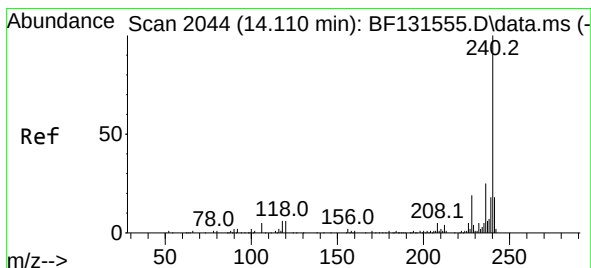
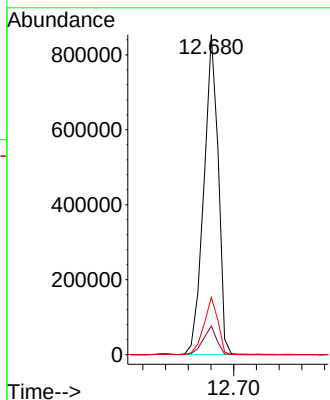
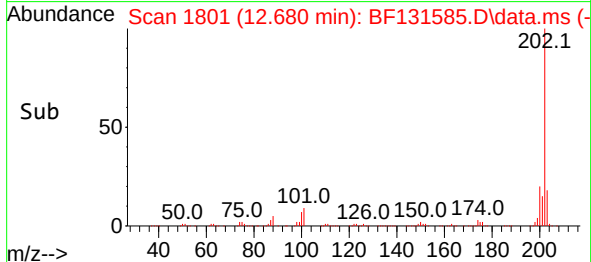
Instrument :
BNA_F
ClientSampleId :
PB149515BS



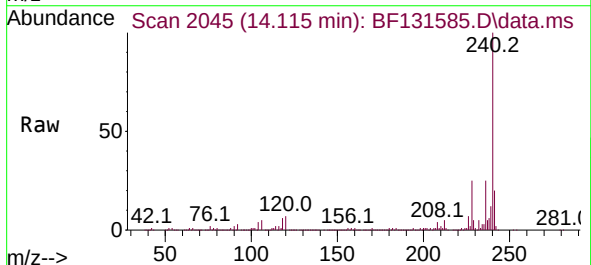
Tgt Ion:202 Resp: 750665
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.7
203 17.9 0.0 37.7

Manual Integrations
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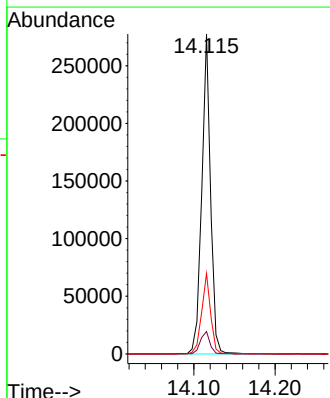
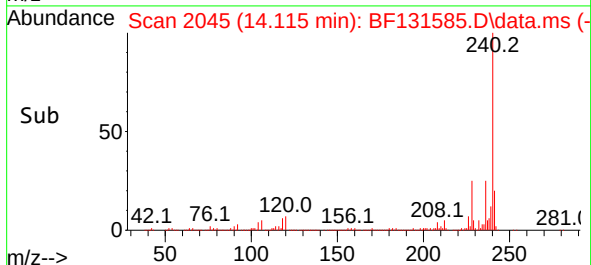
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

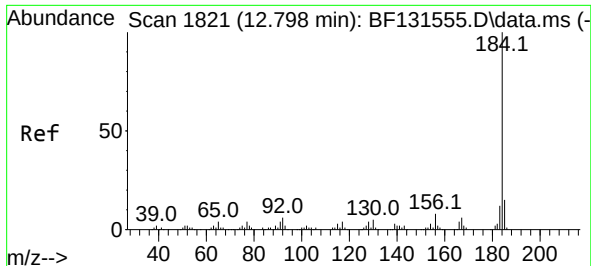


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2045
Delta R.T. 0.005 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



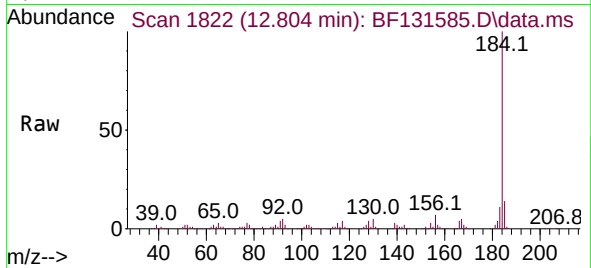
Tgt Ion:240 Resp: 207885
Ion Ratio Lower Upper
240 100
120 7.0 4.6 7.0#
236 25.1 20.2 30.2





#77
Benzidine
Concen: 34.747 ng
RT: 12.804 min Scan# 1841
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

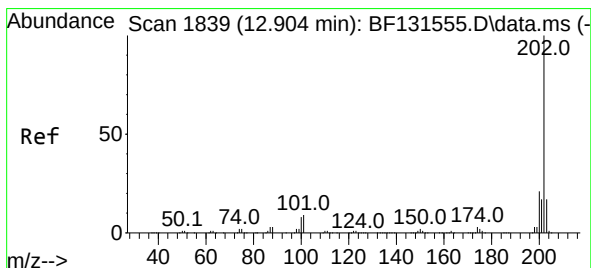
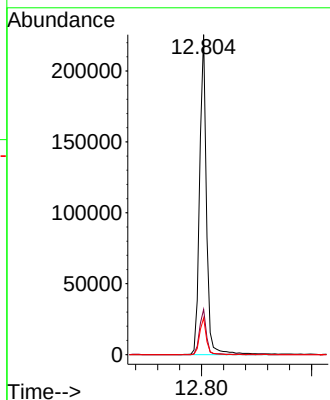
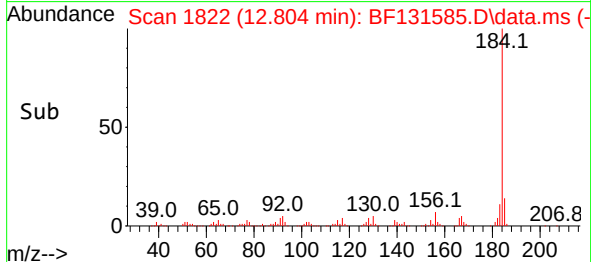
Instrument :
BNA_F
ClientSampleId :
PB149515BS



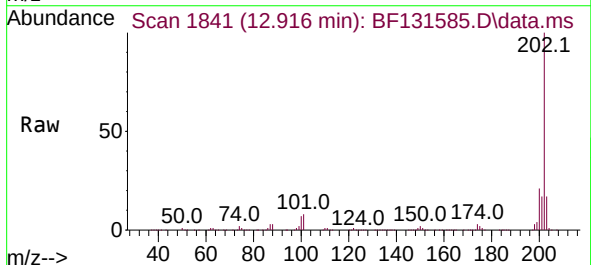
Tgt Ion:184 Resp: 193544
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 11.4 9.3 13.9

Manual Integrations
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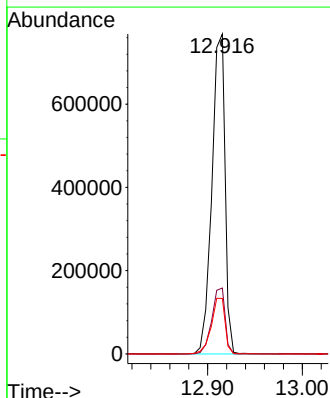
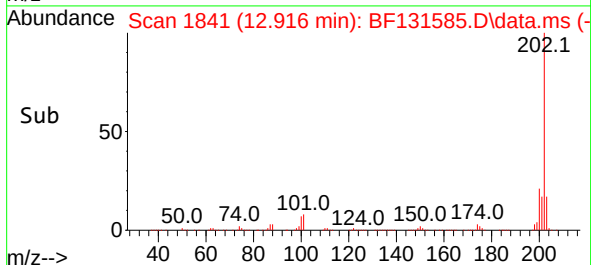
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

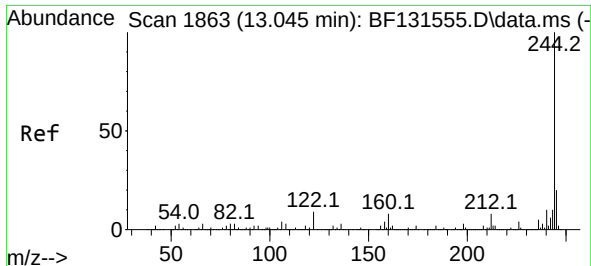


#78
Pyrene
Concen: 36.315 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



Tgt Ion:202 Resp: 744414
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.3 13.8 20.6





#79
Terphenyl-d14
Concen: 78.524 ng
RT: 13.057 min Scan# 1863
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

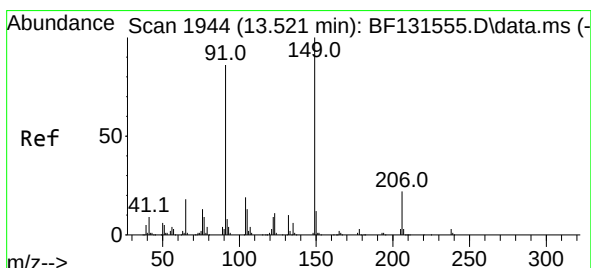
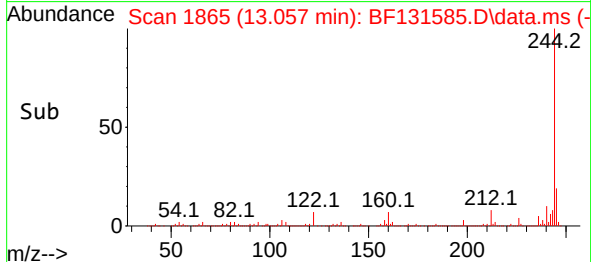
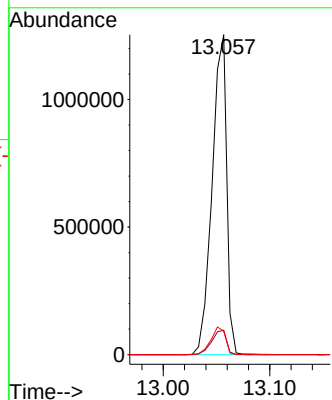
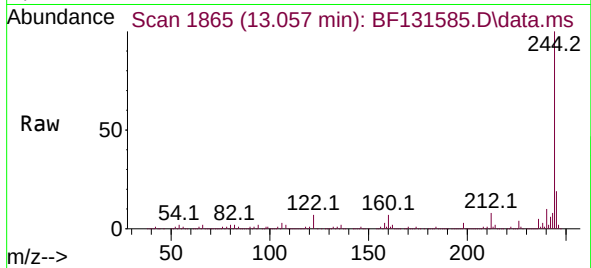
PB149515BS

Tgt Ion:244 Resp: 1190310
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 7.3 7.1 10.7

Manual Integrations

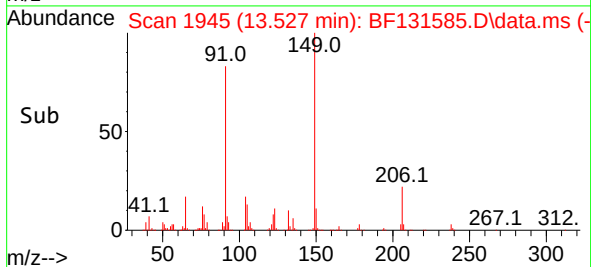
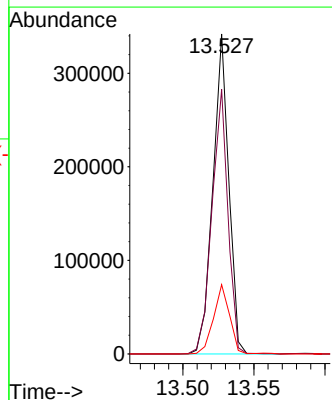
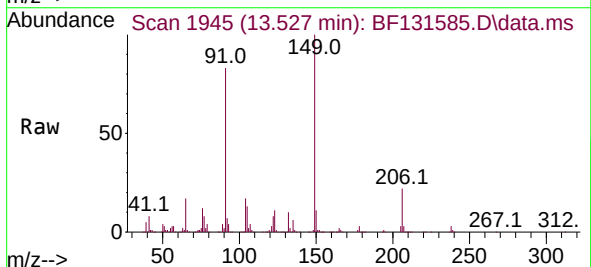
APPROVED

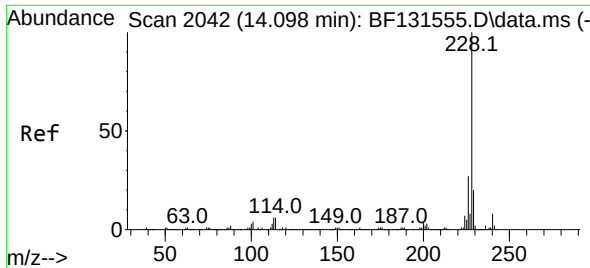
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#80
Butylbenzylphthalate
Concen: 44.875 ng
RT: 13.527 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

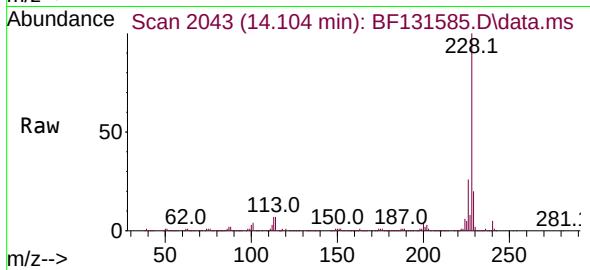
Tgt Ion:149 Resp: 266206
Ion Ratio Lower Upper
149 100
91 82.7 69.0 103.4
206 21.6 17.8 26.8





#81
Benzo(a)anthracene
Concen: 37.089 ng
RT: 14.104 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

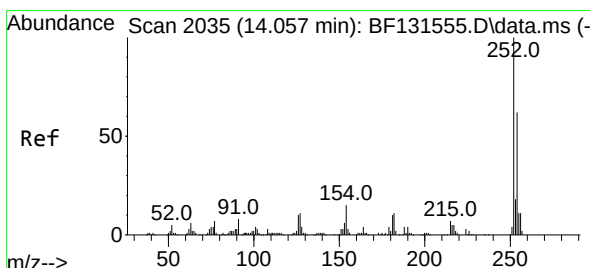
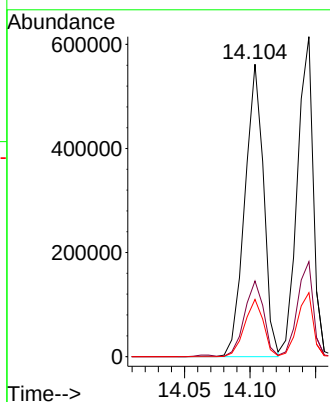
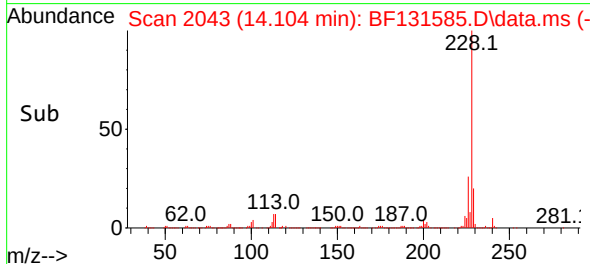
Instrument :
BNA_F
ClientSampleId :
PB149515BS



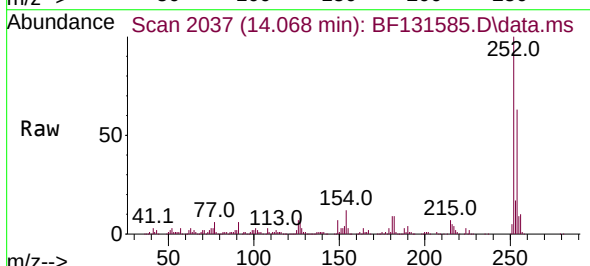
Tgt Ion:228 Resp: 556802
Ion Ratio Lower Upper
228 100
226 25.9 21.5 32.3
229 19.6 15.8 23.6

Manual Integrations
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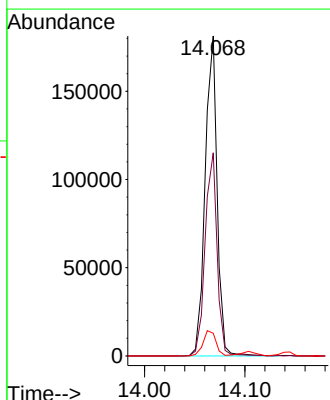
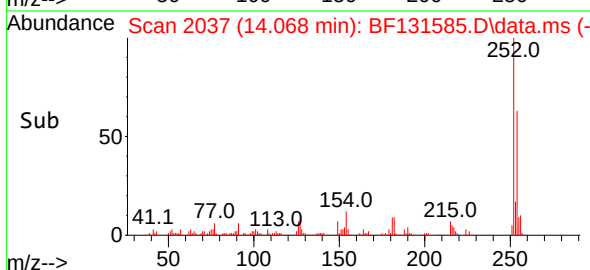
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

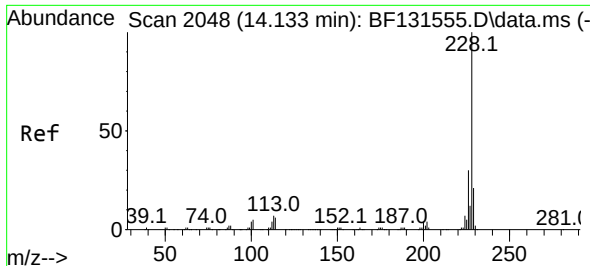


#82
3,3'-Dichlorobenzidine
Concen: 35.018 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



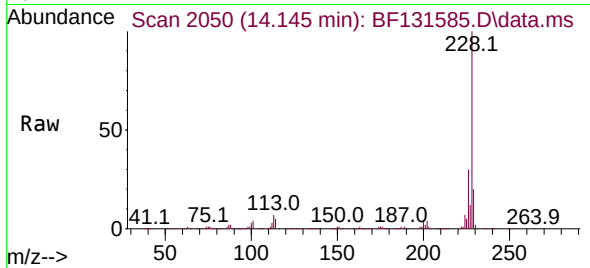
Tgt Ion:252 Resp: 149573
Ion Ratio Lower Upper
252 100
254 63.5 49.6 74.4
126 7.1 7.9 11.9#





#83
Chrysene
Concen: 36.480 ng
RT: 14.145 min Scan# 2048
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

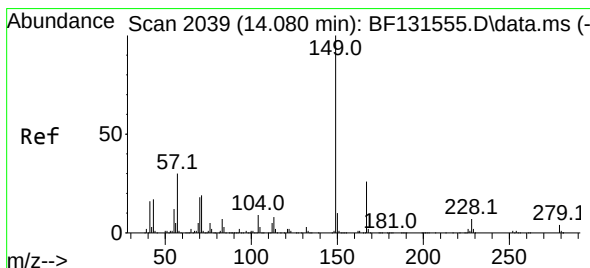
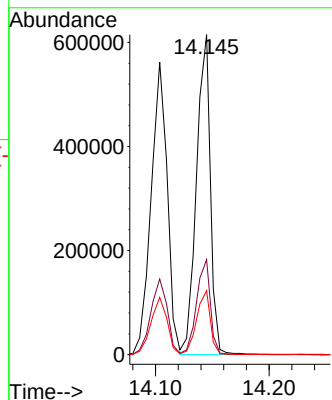
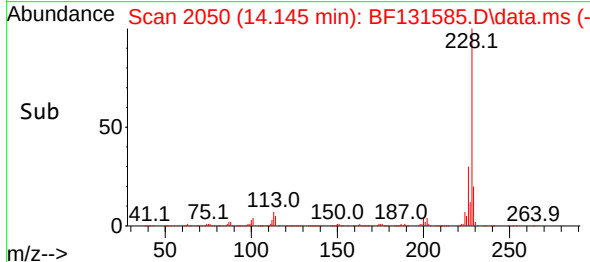
Instrument :
BNA_F
ClientSampleId :
PB149515BS



Tgt Ion:228 Resp: 520665
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 20.0 16.7 25.1

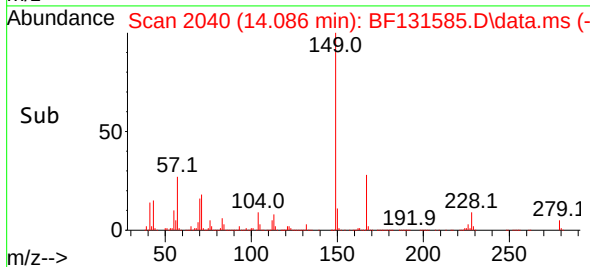
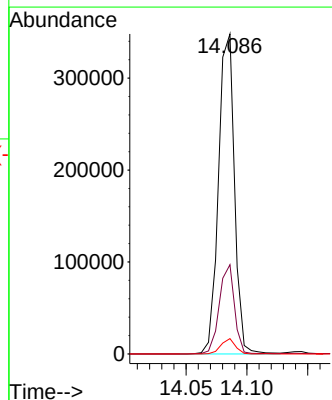
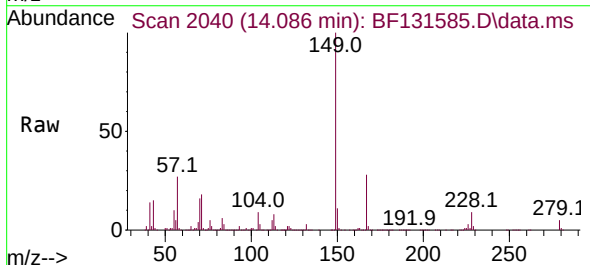
Manual Integrations
APPROVED

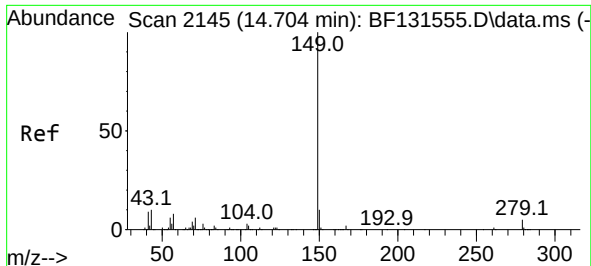
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.819 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

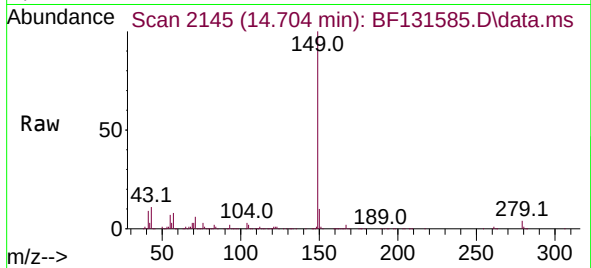
Tgt Ion:149 Resp: 317342
Ion Ratio Lower Upper
149 100
167 27.9 20.8 31.2
279 4.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 33.409 ng
RT: 14.704 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

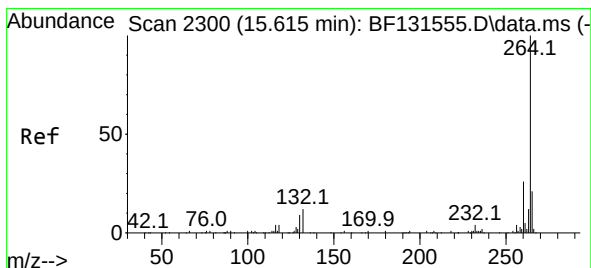
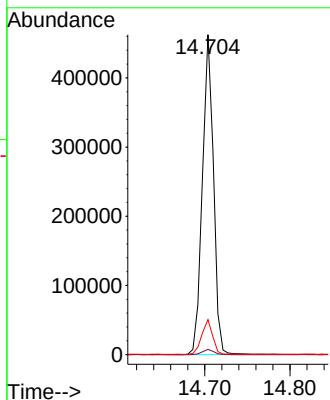
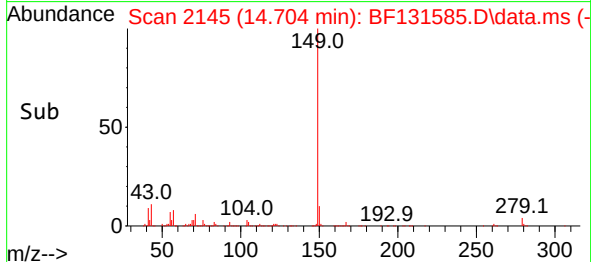
Instrument :
BNA_F
ClientSampleId :
PB149515BS



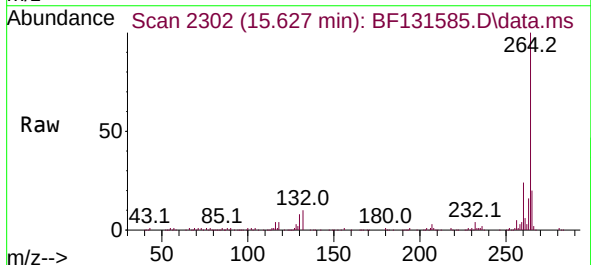
Tgt Ion:149 Resp: 418840
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 8.6 13.0

Manual Integrations
APPROVED

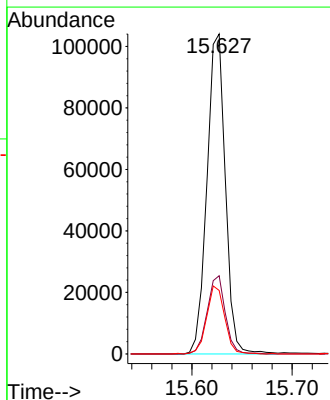
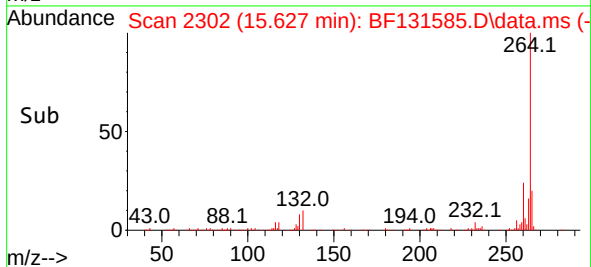
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

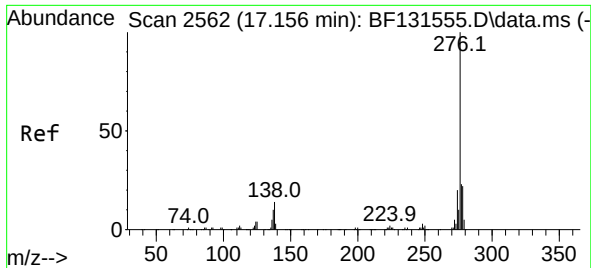


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2302
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



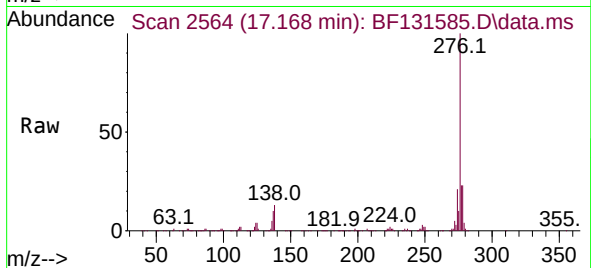
Tgt Ion:264 Resp: 132256
Ion Ratio Lower Upper
264 100
260 24.4 20.6 30.8
265 19.8 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.804 ng
RT: 17.168 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

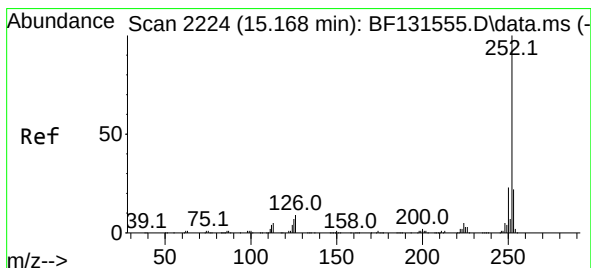
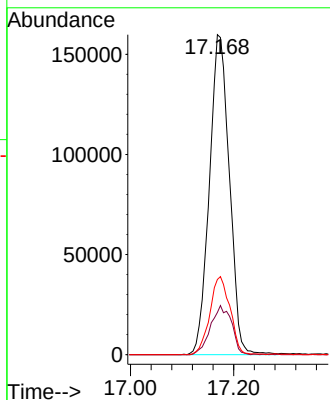
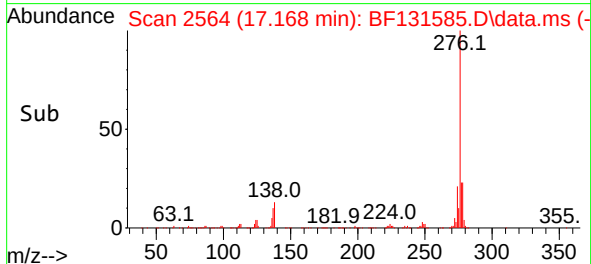
Instrument :
BNA_F
ClientSampleId :
PB149515BS



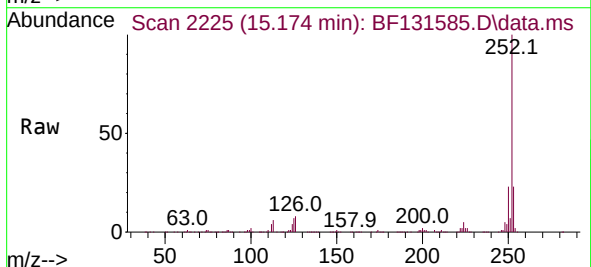
Tgt Ion:276 Resp: 429623
Ion Ratio Lower Upper
276 100
138 16.0 12.7 19.1
277 24.7 20.0 30.0

Manual Integrations
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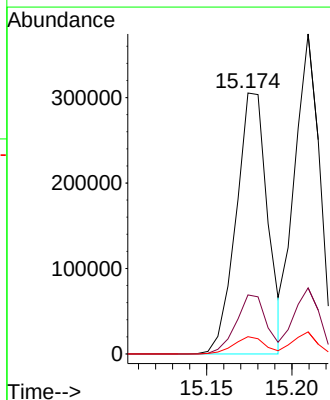
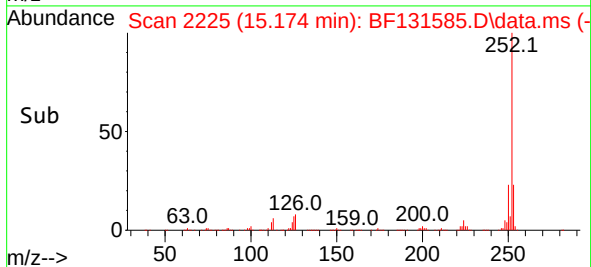
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

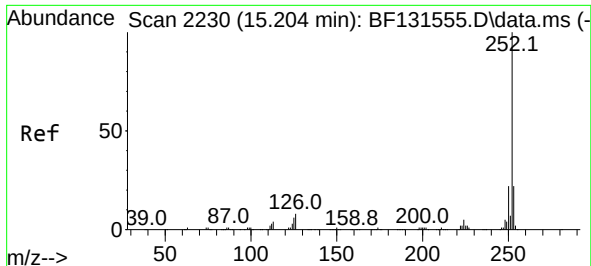


#88
Benzo(b)fluoranthene
Concen: 44.990 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



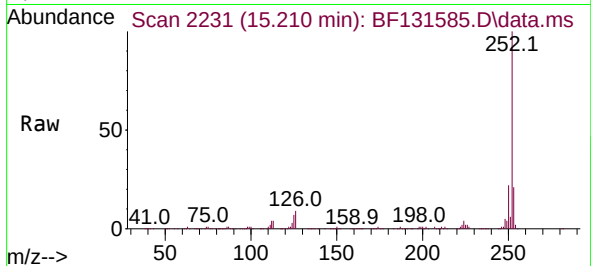
Tgt Ion:252 Resp: 392168
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 6.6 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 42.478 ng
RT: 15.210 min Scan# 2210
Delta R.T. 0.006 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28

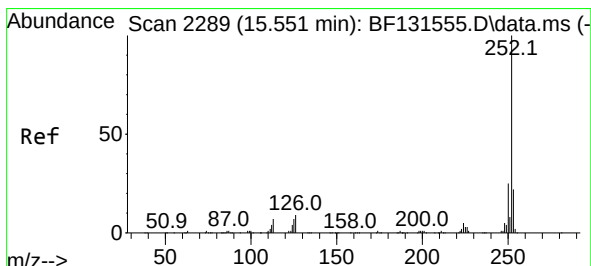
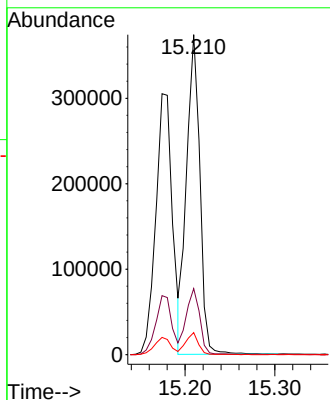
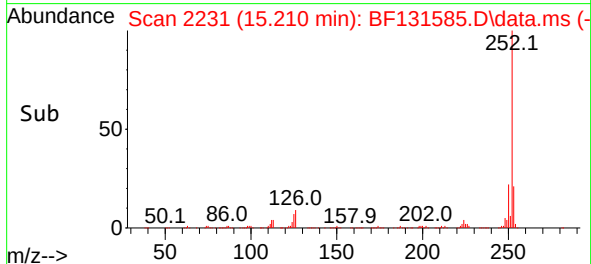
Instrument :
BNA_F
ClientSampleId :
PB149515BS



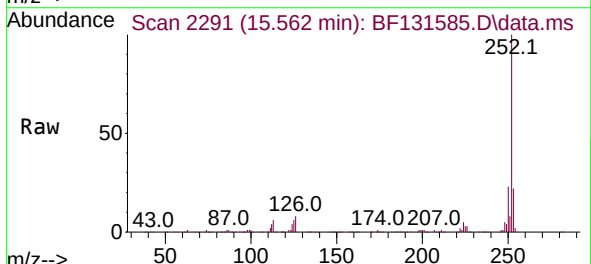
Tgt Ion:252 Resp: 386472
Ion Ratio Lower Upper
252 100
253 20.6 17.7 26.5
125 6.9 4.9 7.3

Manual Integrations
APPROVED

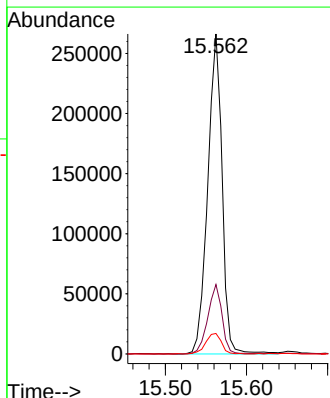
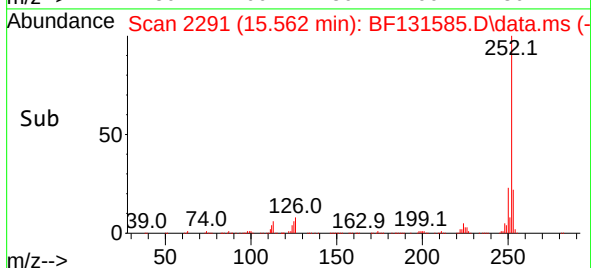
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

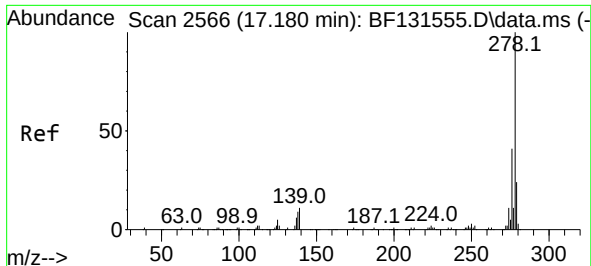


#90
Benzo(a)pyrene
Concen: 44.155 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF131585.D
Acq: 10 Dec 2022 12:28



Tgt Ion:252 Resp: 328466
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 6.4 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 42.084 ng

RT: 17.192 min Scan# 2566

Delta R.T. 0.012 min

Lab File: BF131585.D

Acq: 10 Dec 2022 12:28

Instrument :

BNA_F

ClientSampleId :

PB149515BS

Tgt Ion:278 Resp: 37384

Ion Ratio Lower Upper

278 100

139 10.0 8.9 13.3

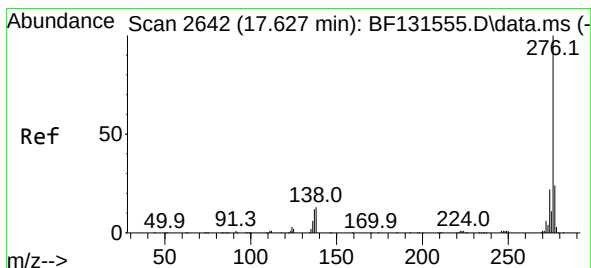
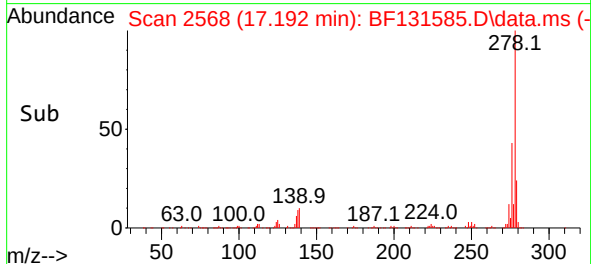
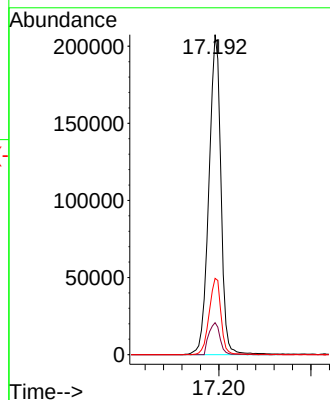
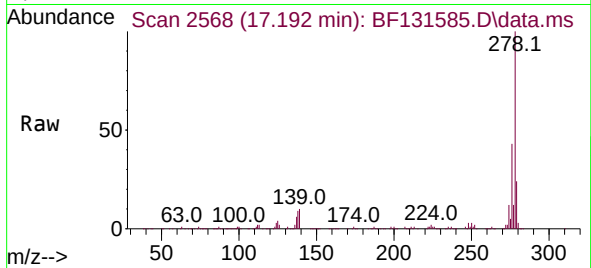
279 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#92

Benzo(g,h,i)perylene

Concen: 41.022 ng

RT: 17.645 min Scan# 2645

Delta R.T. 0.018 min

Lab File: BF131585.D

Acq: 10 Dec 2022 12:28

Tgt Ion:276 Resp: 366244

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 12.9 10.7 16.1

