

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124458.D
 Acq On : 25 Jun 2021 18:38
 Operator : JU/CG
 Sample : M2826-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1(SLUDGE)

Quant Time: Jun 26 02:42:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 13:23:23 2021
 Response via : Initial Calibration

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

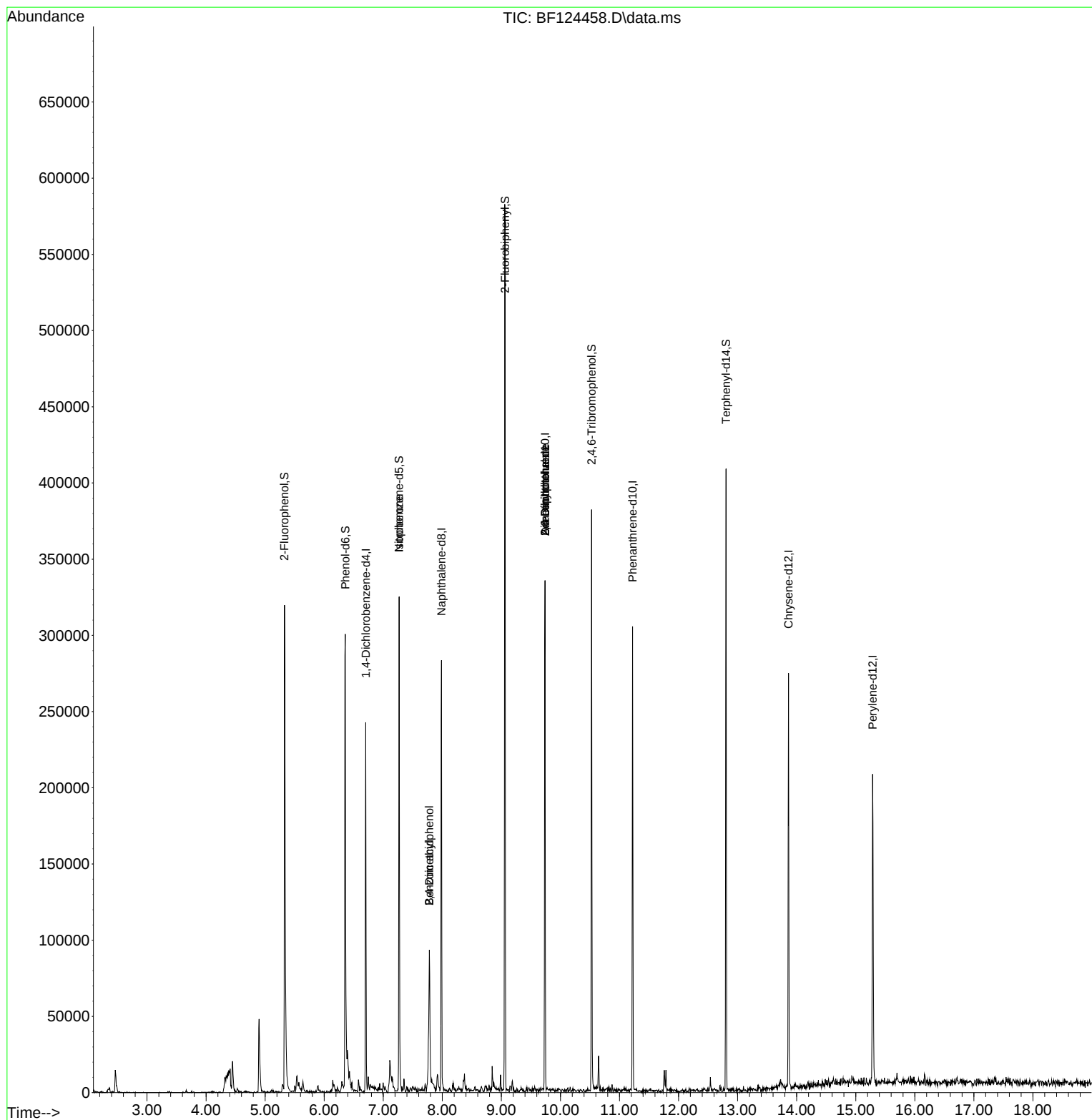
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	28969	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	111087	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	62019	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	95496	20.000	ng	# 0.00
76) Chrysene-d12	13.863	240	76763	20.000	ng	# 0.00
86) Perylene-d12	15.286	264	79308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	92314	50.116	ng	0.00
7) Phenol-d6	6.357	99	99356	41.311	ng	0.00
23) Nitrobenzene-d5	7.269	82	85567	31.937	ng	-0.01
42) 2,4,6-Tribromophenol	10.527	330	34970	47.195	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	173199	34.210	ng	0.00
79) Terphenyl-d14	12.804	244	112664	21.983	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.269	82	85567	18.576	ng	# 69
27) 2,4-Dimethylphenol	7.781	122	15058	8.677	ng	# 1
32) Benzoic acid	7.781	122	15058	19.825	ng	90
50) Dimethylphthalate	9.739	163	12733	2.604	ng	# 1
51) 2,6-Dinitrotoluene	9.739	165	8312	7.359	ng	# 14
57) 2,4-Dinitrotoluene	9.739	165	8312	5.552	ng	# 19

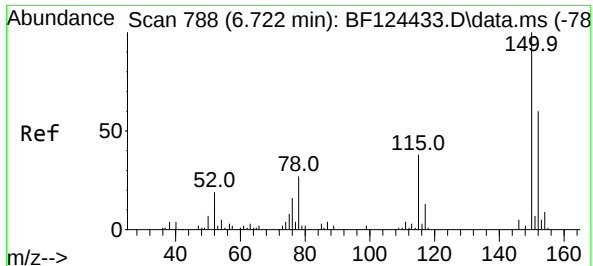
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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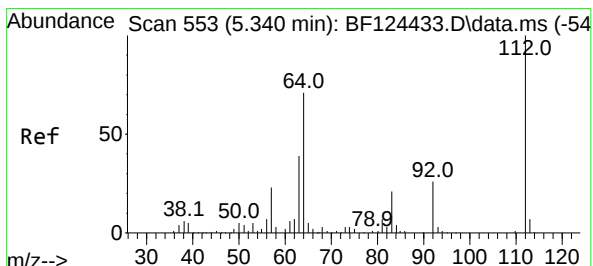
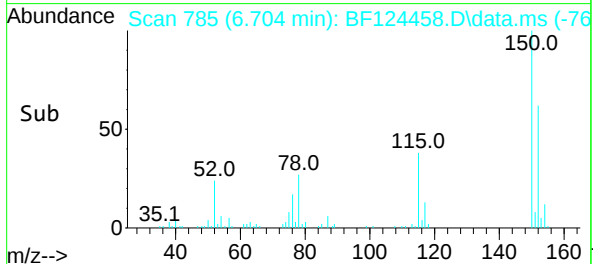
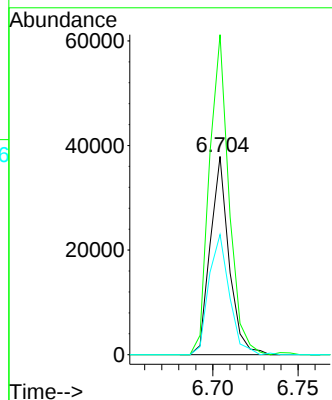
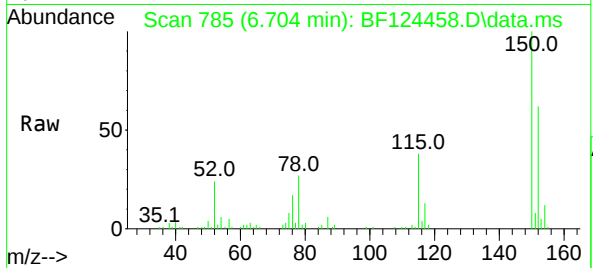




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

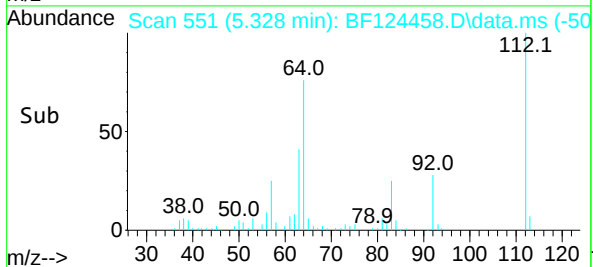
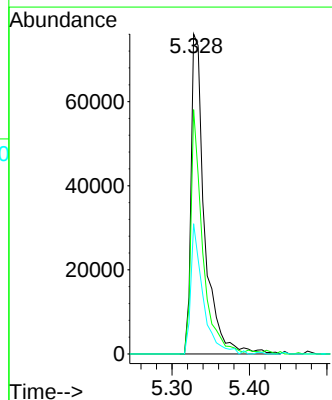
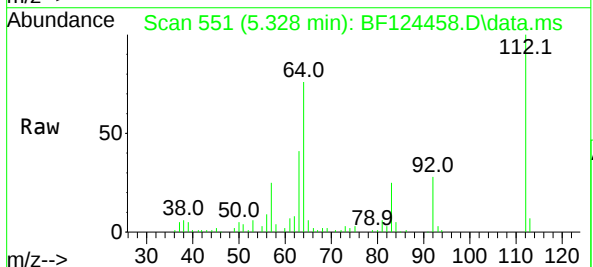
Instrument :
BNA_F
ClientSampleId :
SS-1(SLUDGE)

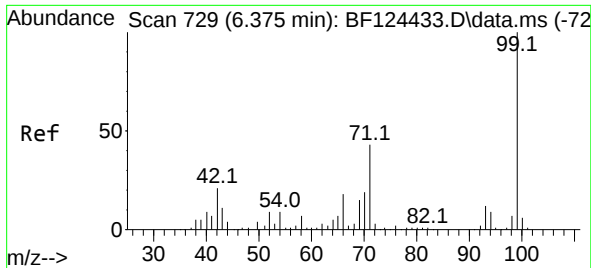
Tgt Ion:152 Resp: 28969
Ion Ratio Lower Upper
152 100
150 161.4 127.0 190.6
115 60.6 54.3 81.5



#5
2-Fluorophenol
Concen: 50.116 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

Tgt Ion:112 Resp: 92314
Ion Ratio Lower Upper
112 100
64 76.3 61.4 92.0
63 40.7 33.0 49.4

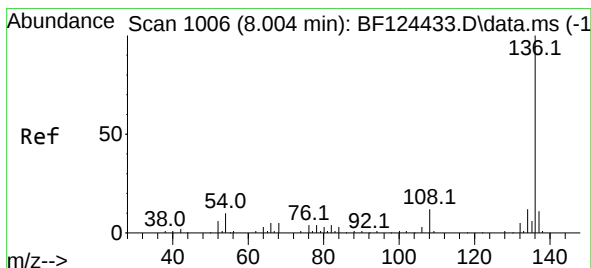
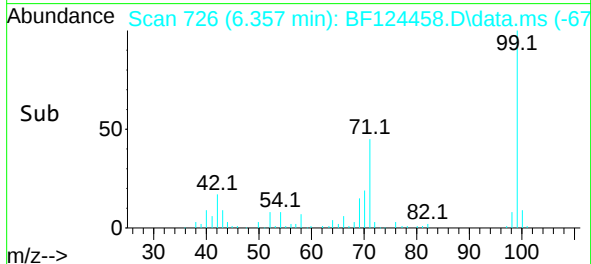
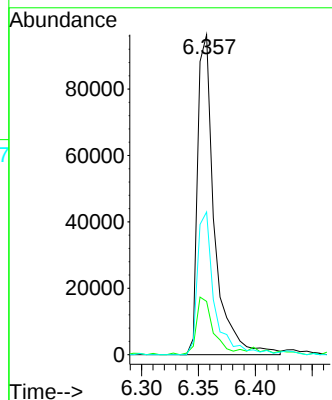
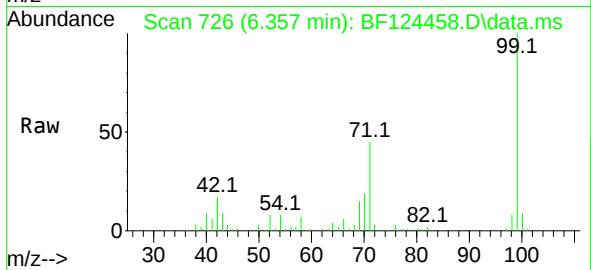




#7
Phenol-d6
Concen: 41.311 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

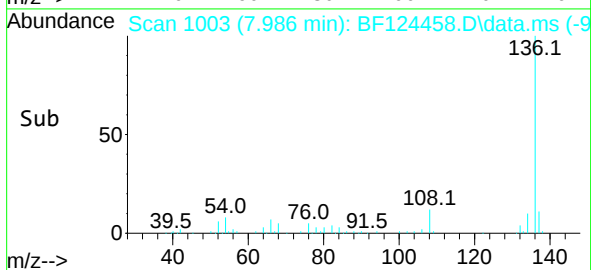
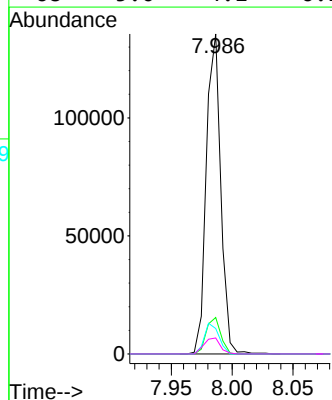
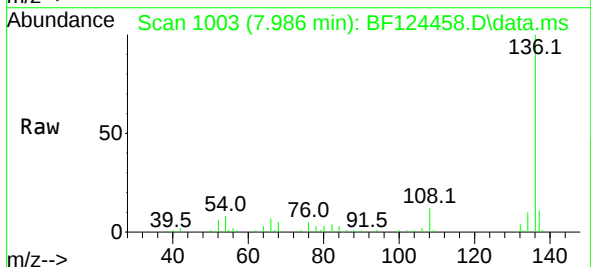
Instrument :
BNA_F
ClientSampleId :
SS-1(SLUDGE)

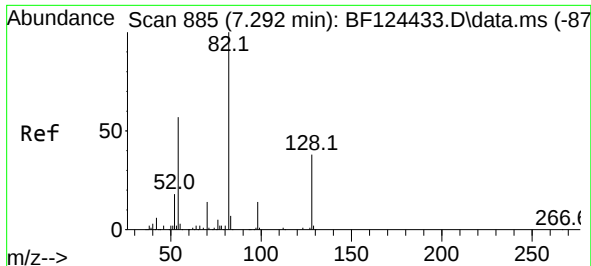
Tgt Ion: 99 Resp: 99356
Ion Ratio Lower Upper
99 100
42 16.7 19.8 29.8#
71 44.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

Tgt Ion:136 Resp: 111087
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.9 9.8 14.6#
68 5.0 4.1 6.1

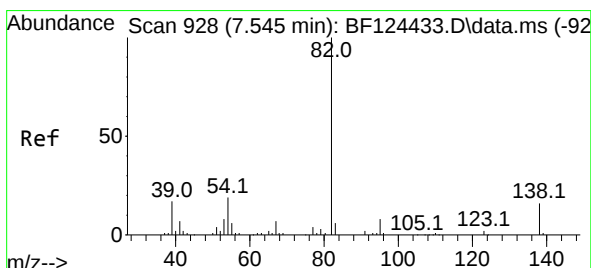
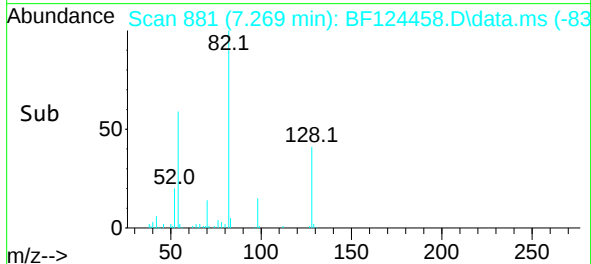
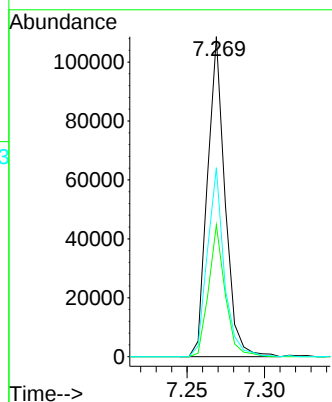
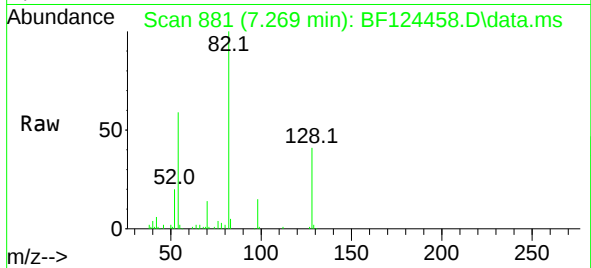




#23
Nitrobenzene-d5
Concen: 31.937 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

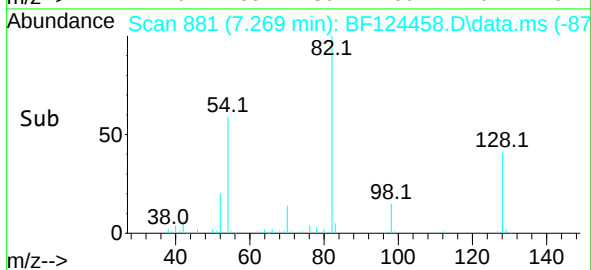
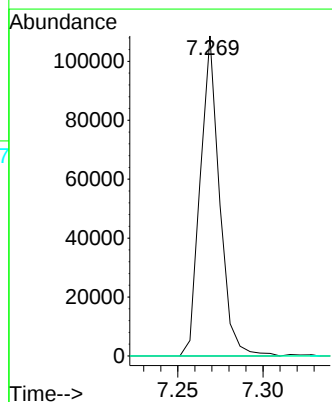
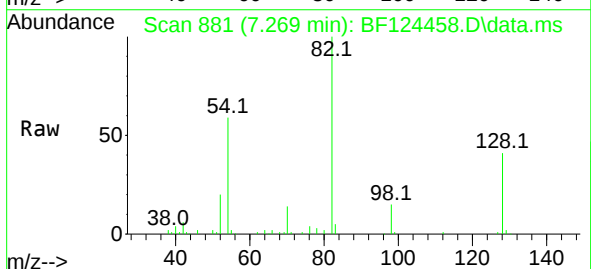
Instrument :
BNA_F
ClientSampleId :
SS-1(SLUDGE)

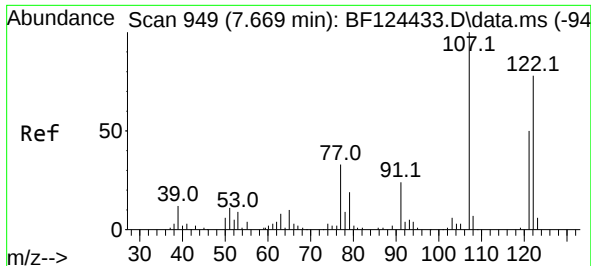
Tgt Ion: 82 Resp: 85567
Ion Ratio Lower Upper
82 100
128 41.2 29.4 44.2
54 59.0 54.1 81.1



#25
Isophorone
Concen: 18.576 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.265 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

Tgt Ion: 82 Resp: 85567
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#

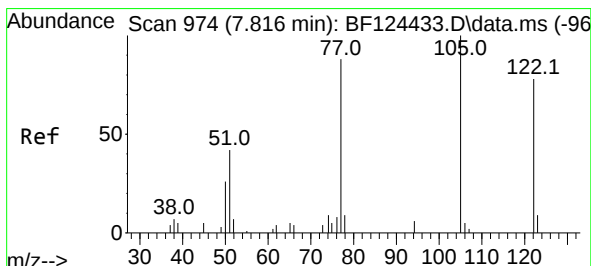
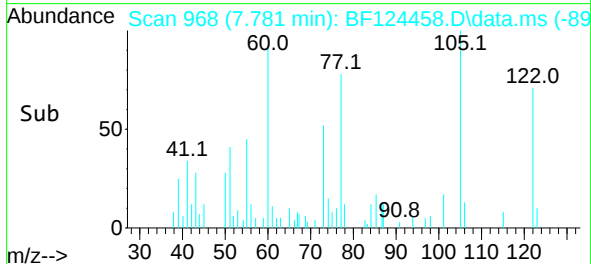
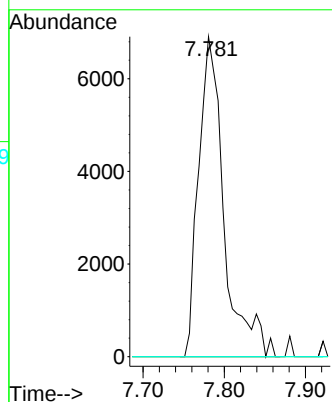
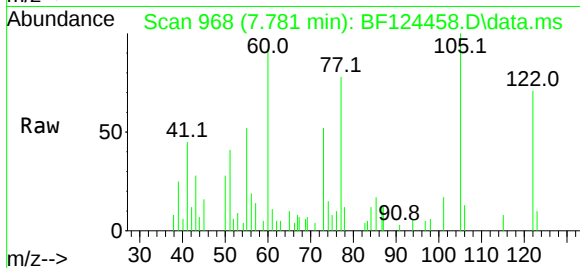




#27
2,4-Dimethylphenol
Concen: 8.677 ng
RT: 7.781 min Scan# 968
Delta R.T. 0.124 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

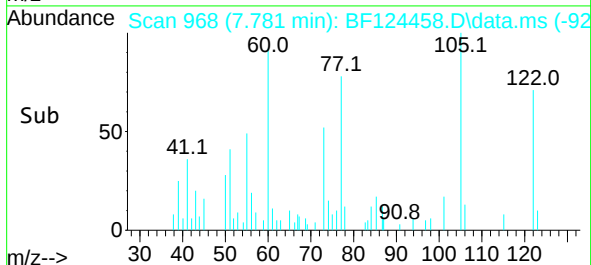
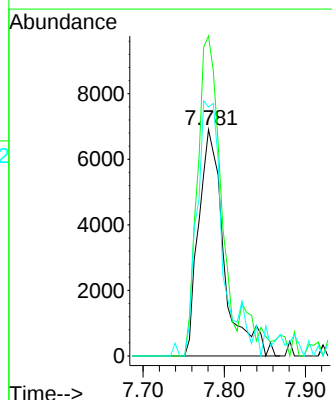
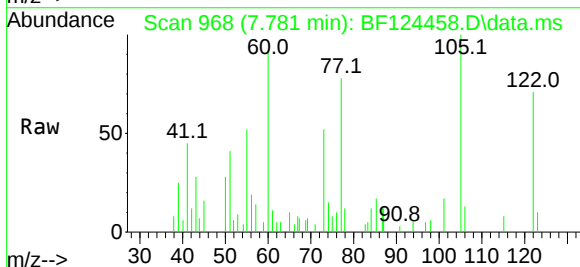
Instrument :
BNA_F
ClientSampleId :
SS-1(SLUDGE)

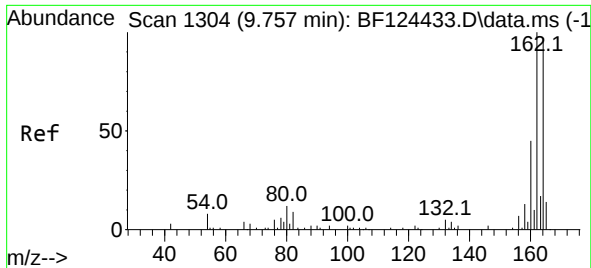
Tgt Ion:122 Resp: 15058
Ion Ratio Lower Upper
122 100
107 0.0 106.3 159.5#
121 0.0 45.4 68.0#



#32
Benzoic acid
Concen: 19.825 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.023 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

Tgt Ion:122 Resp: 15058
Ion Ratio Lower Upper
122 100
105 141.3 107.8 147.8
77 110.0 81.6 121.6

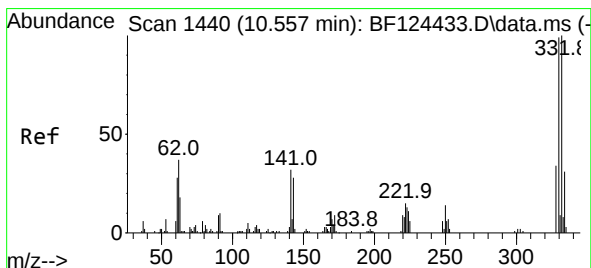
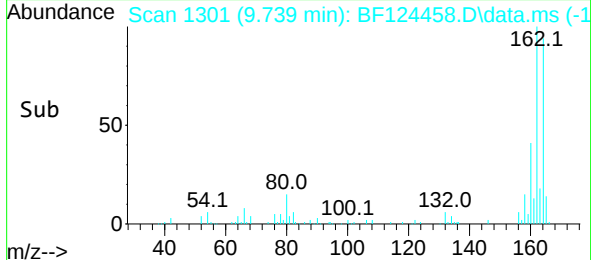
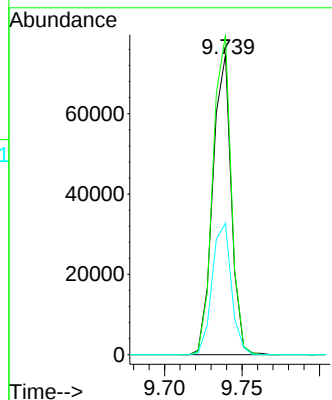
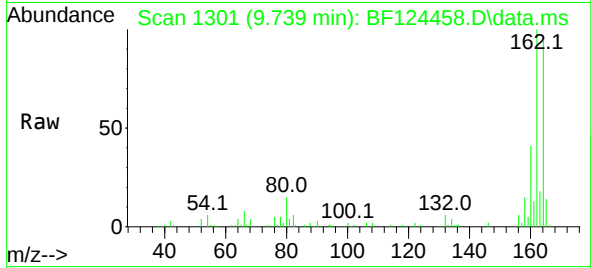




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

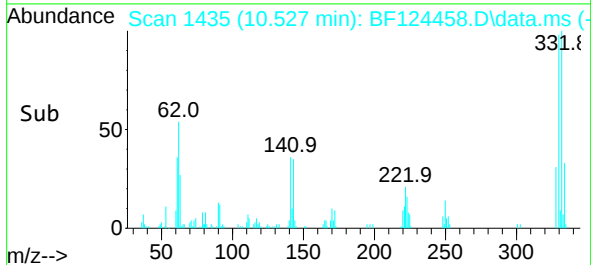
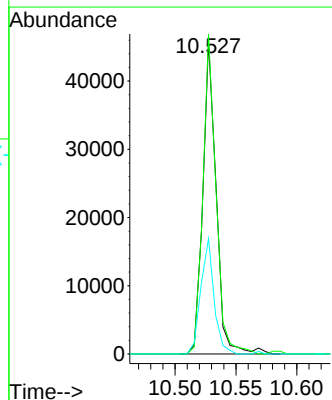
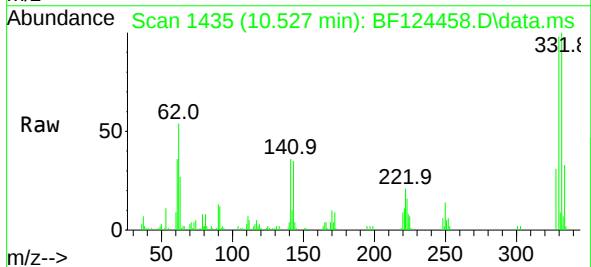
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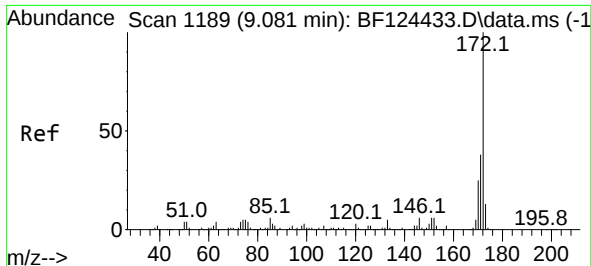
Tgt Ion:164 Resp: 62019
Ion Ratio Lower Upper
164 100
162 106.6 80.7 121.1
160 43.8 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 47.195 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

Tgt Ion:330 Resp: 34970
Ion Ratio Lower Upper
330 100
332 100.3 77.1 115.7
141 36.7 27.9 41.9

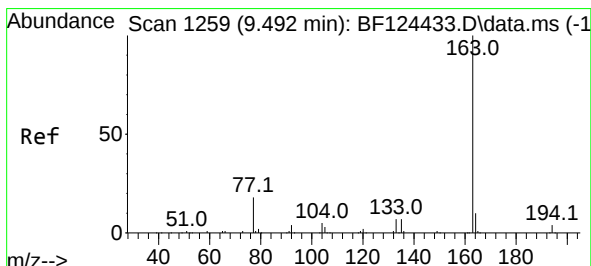
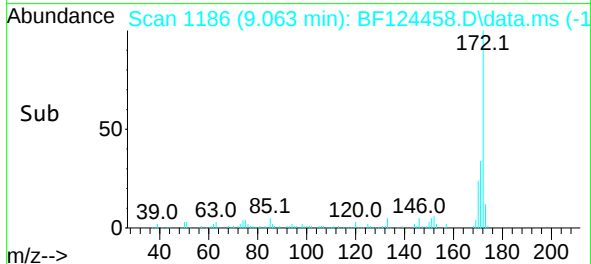
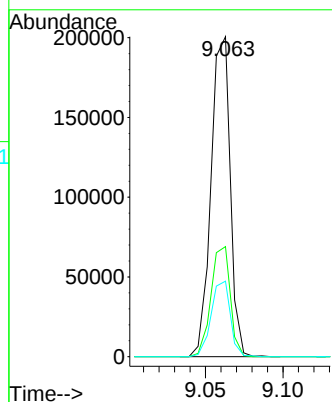
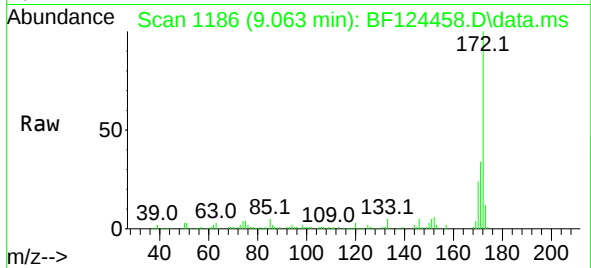




#45
2-Fluorobiphenyl
Concen: 34.210 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

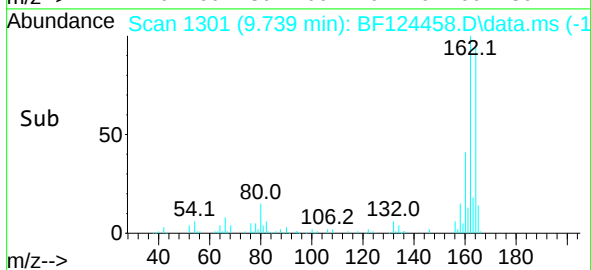
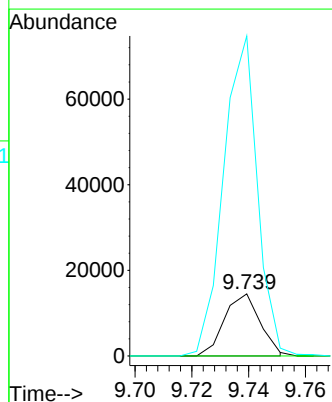
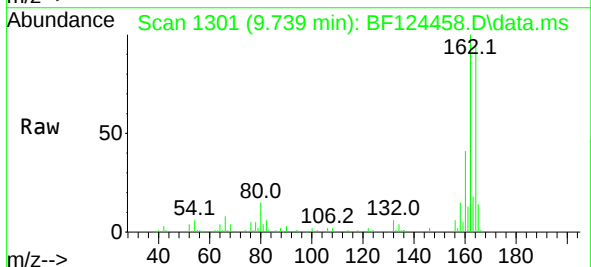
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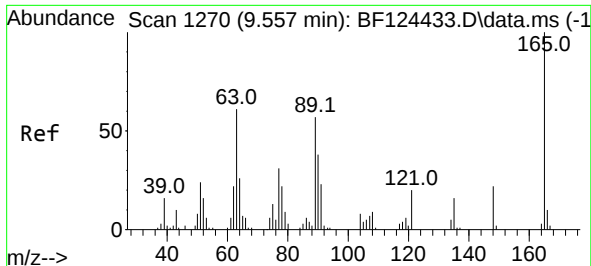
Tgt Ion:172 Resp: 173199
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.6 19.2 28.8



#50
Dimethylphthalate
Concen: 2.604 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.265 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

Tgt Ion:163 Resp: 12733
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 515.7 8.2 12.2#

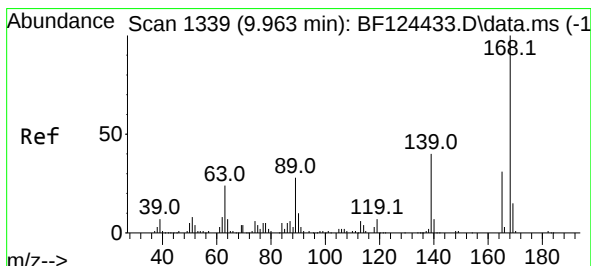
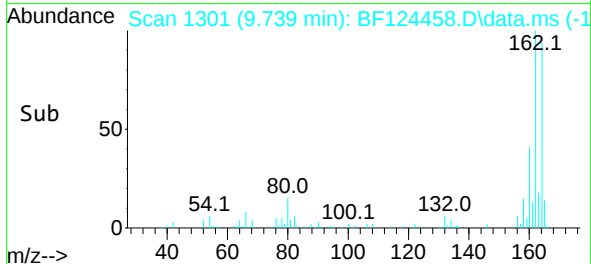
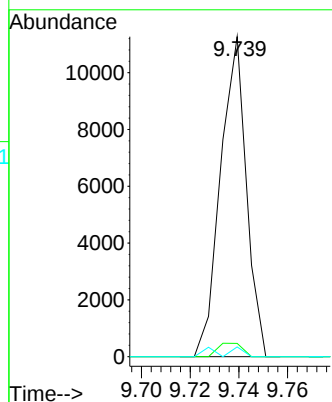
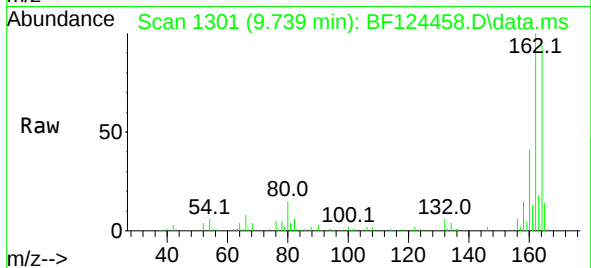




#51
2,6-Dinitrotoluene
Concen: 7.359 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.200 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

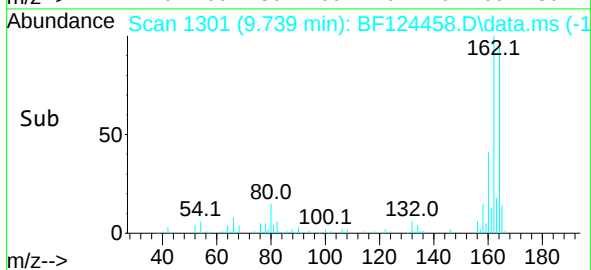
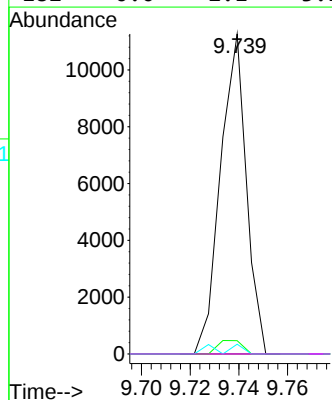
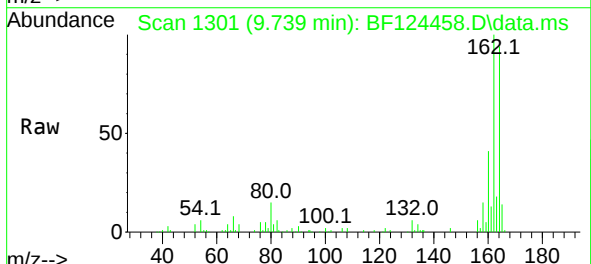
Instrument :
BNA_F
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SS-1(SLUDGE)

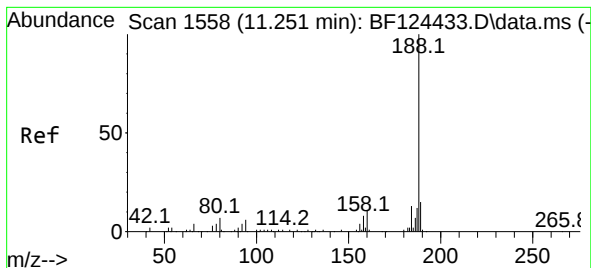
Tgt Ion:165 Resp: 8312
Ion Ratio Lower Upper
165 100
63 4.1 67.7 101.5#
89 3.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.552 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.206 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

Tgt Ion:165 Resp: 8312
Ion Ratio Lower Upper
165 100
63 4.1 43.5 65.3#
89 3.0 67.7 101.5#
182 0.0 2.1 3.1#

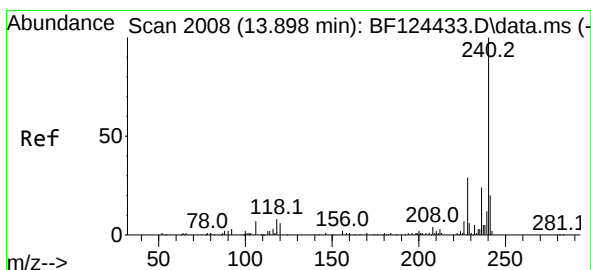
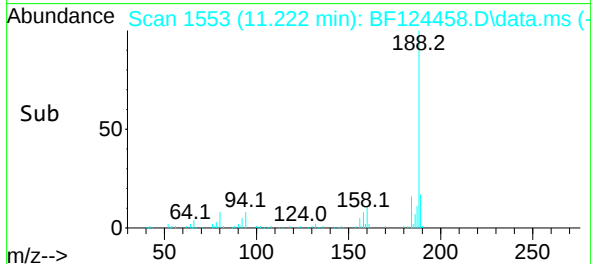
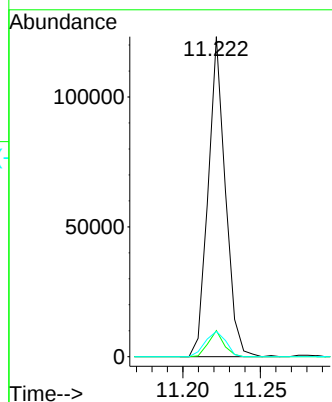
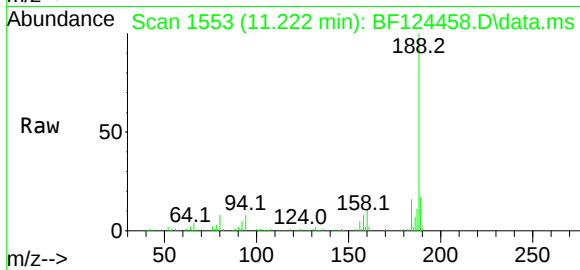




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

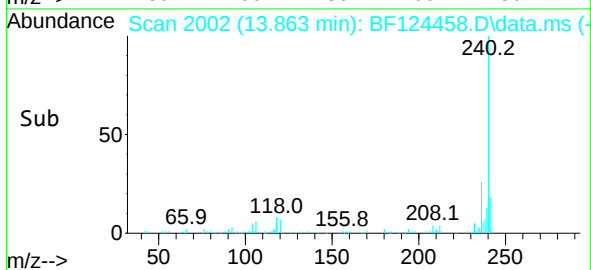
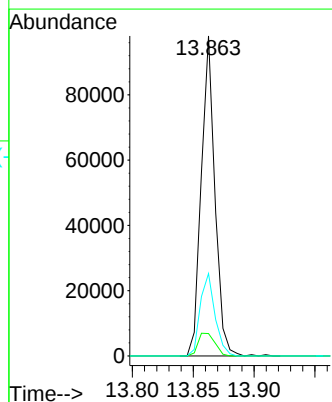
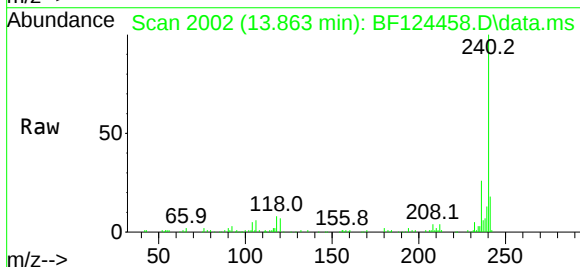
Instrument :
BNA_F
ClientSampleId :
SS-1(SLUDGE)

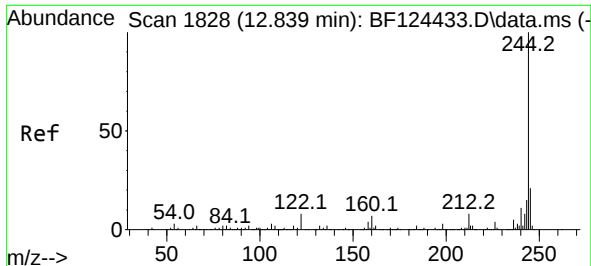
Tgt Ion:188 Resp: 95496
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 7.9 8.2 12.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124458.D
Acq: 25 Jun 2021 18:38

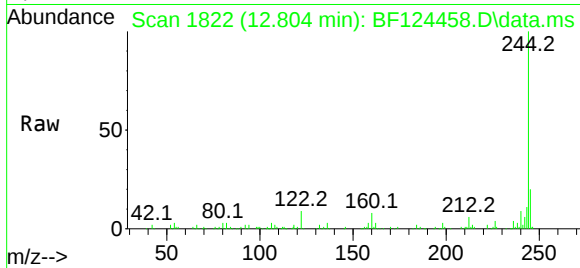
Tgt Ion:240 Resp: 76763
Ion Ratio Lower Upper
240 100
120 7.0 7.2 10.8#
236 25.8 19.0 28.4



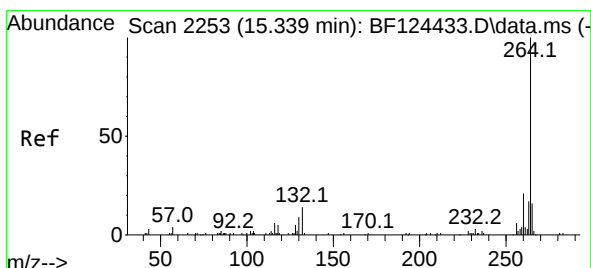
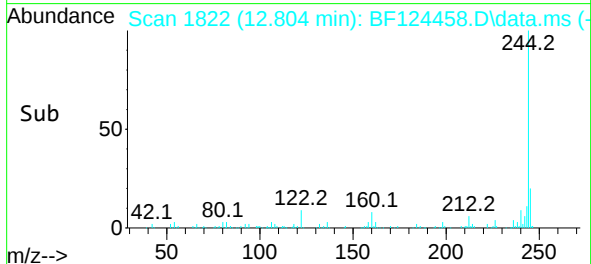
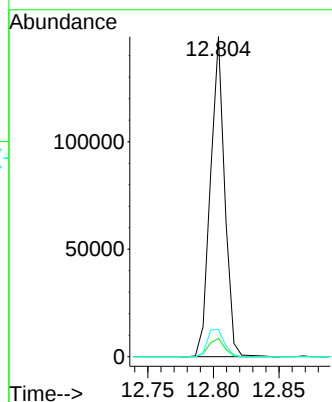


#79
 Terphenyl-d14
 Concen: 21.983 ng
 RT: 12.804 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF124458.D
 Acq: 25 Jun 2021 18:38

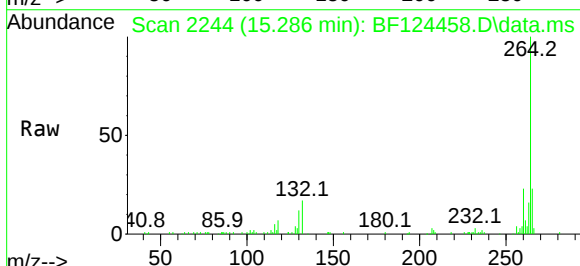
Instrument :
 BNA_F
 ClientSampleId :
 SS-1(SLUDGE)



Tgt Ion:244 Resp: 112664
 Ion Ratio Lower Upper
 244 100
 212 5.7 5.7 8.5
 122 8.5 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF124458.D
 Acq: 25 Jun 2021 18:38



Tgt Ion:264 Resp: 79308
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 22.7 17.8 26.8

