

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124781.D
 Acq On : 27 Jul 2021 00:20
 Operator : JU/CG
 Sample : M3118-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210546-COM-19

Quant Time: Jul 27 04:27:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

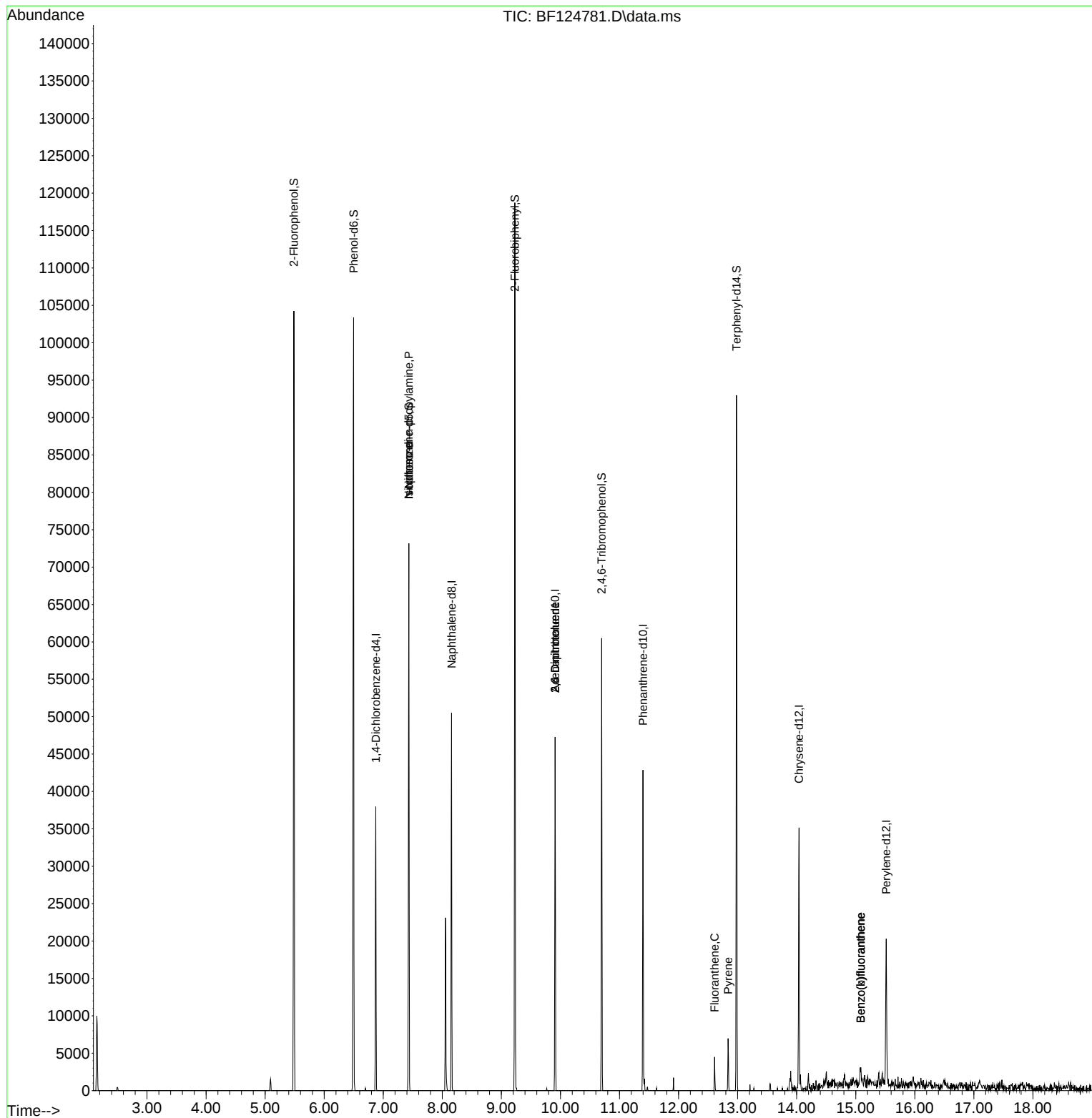
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5419	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	20066	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	9362	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	15010	20.000	ng	0.00
76) Chrysene-d12	14.039	240	13363	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	9961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	27611	86.270	ng	0.00
7) Phenol-d6	6.498	99	31653	78.889	ng	0.00
23) Nitrobenzene-d5	7.434	82	19278	57.180	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	6042	75.166	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	34206	53.664	ng	0.00
79) Terphenyl-d14	12.980	244	29873	38.320	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	2278	10.632	ng	# 78
25) Isophorone	7.434	82	19277	32.336	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1099	7.717	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1099	5.687	ng	# 18
75) Fluoranthene	12.610	202	1972	2.394	ng	95
78) Pyrene	12.839	202	3265	3.086	ng	96
88) Benzo(b)fluoranthene	15.086	252	2186	3.117	ng	# 87
89) Benzo(k)fluoranthene	15.086	252	2186	3.411	ng	# 92

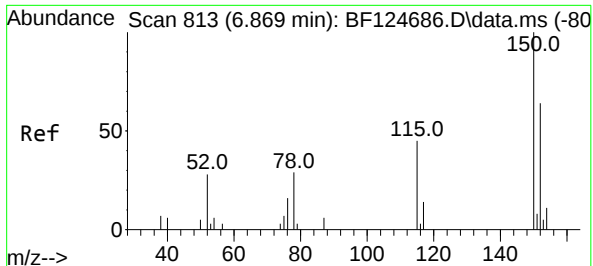
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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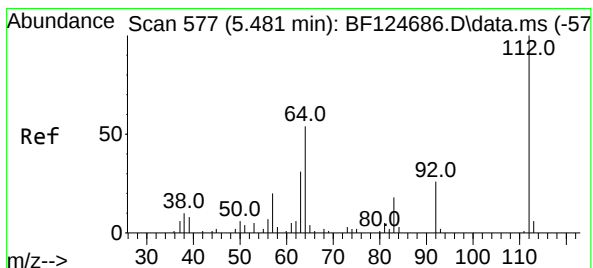
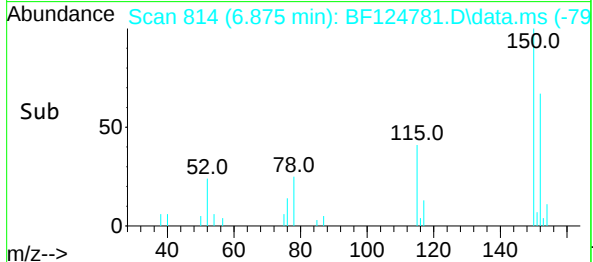
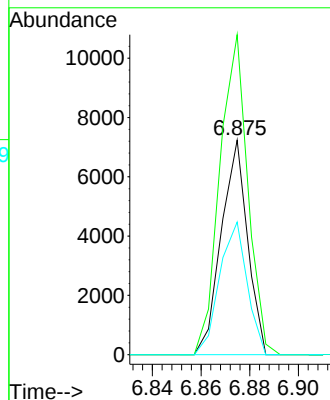
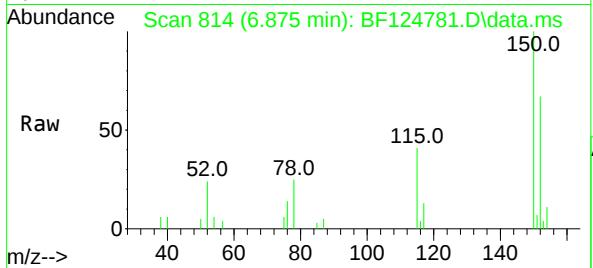




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

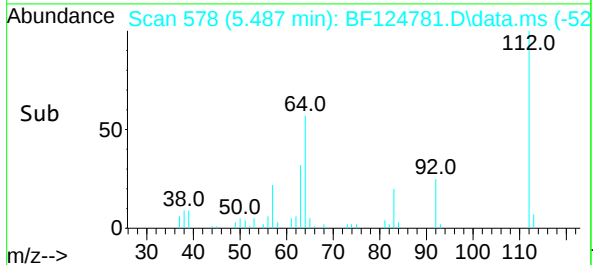
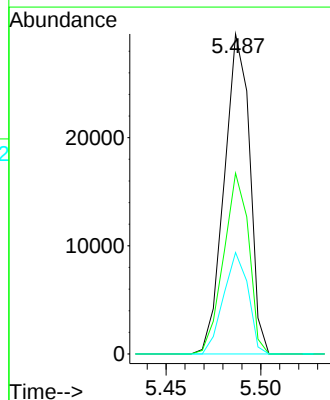
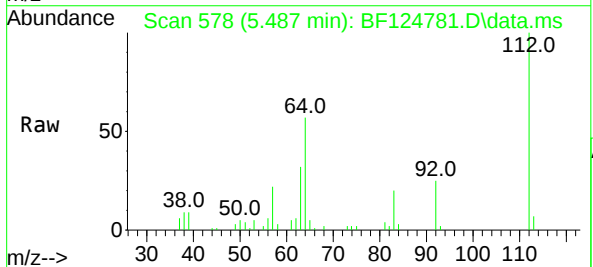
Instrument :
BNA_F
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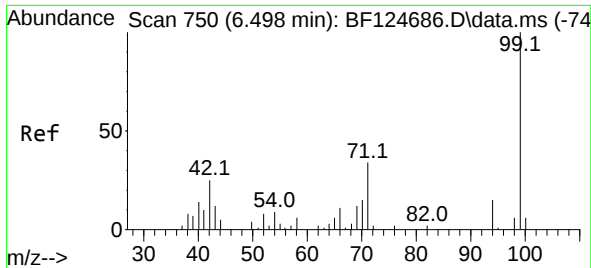
Tgt Ion:152 Resp: 5419
Ion Ratio Lower Upper
152 100
150 149.1 117.6 176.4
115 61.8 47.1 70.7



#5
2-Fluorophenol
Concen: 86.270 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion:112 Resp: 27611
Ion Ratio Lower Upper
112 100
64 56.5 44.2 66.2
63 31.7 26.2 39.2

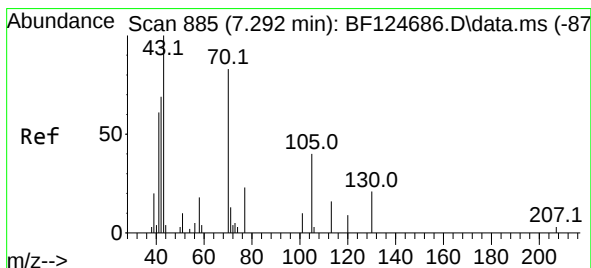
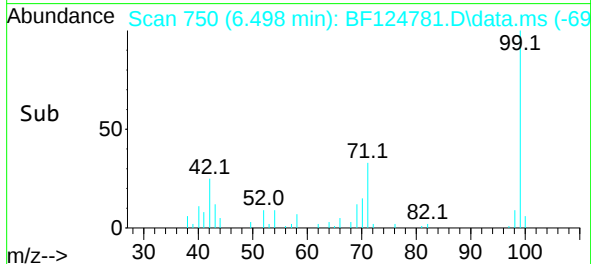
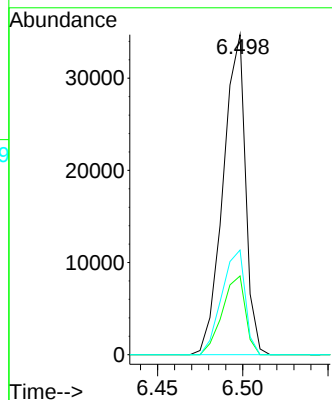
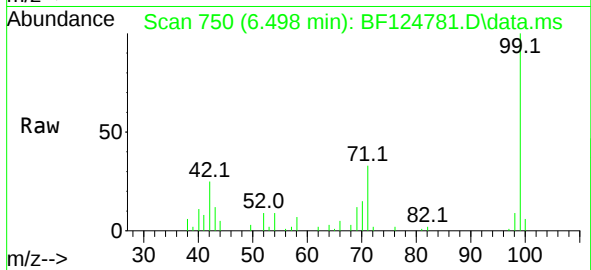




#7
Phenol-d6
Concen: 78.889 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

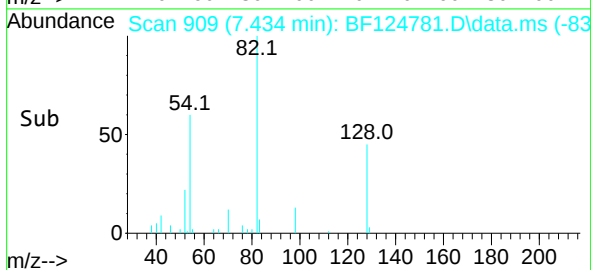
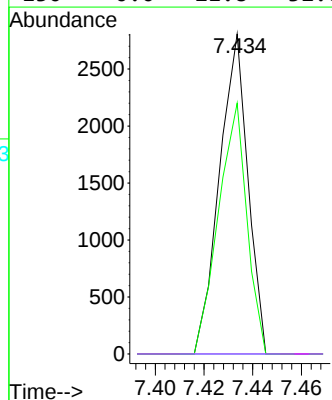
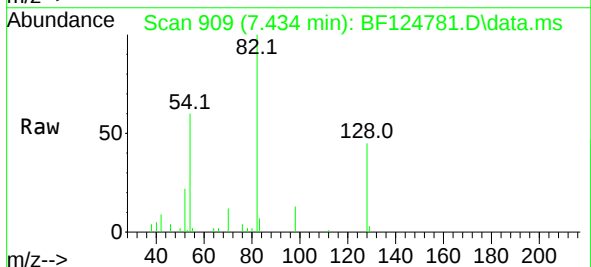
Instrument :
BNA_F
ClientSampleId :
20210546-COM-19

Tgt Ion:	99	Resp:	31653
Ion	Ratio	Lower	Upper
99	100		
42	24.6	23.5	35.3
71	32.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.632 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

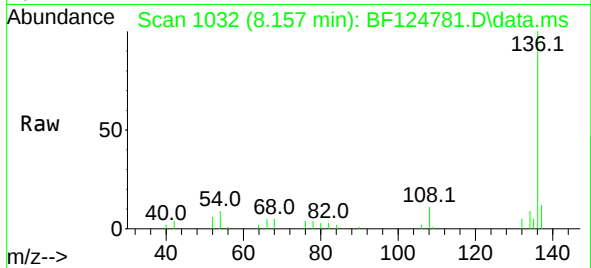
Tgt Ion:	70	Resp:	2278
Ion	Ratio	Lower	Upper
70	100		
42	78.3	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



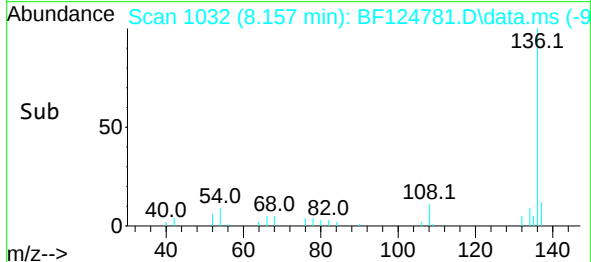
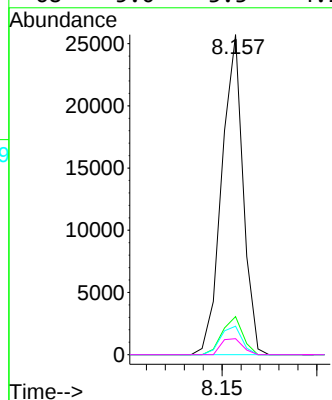


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Instrument :
BNA_F
ClientSampleId :
20210546-COM-19

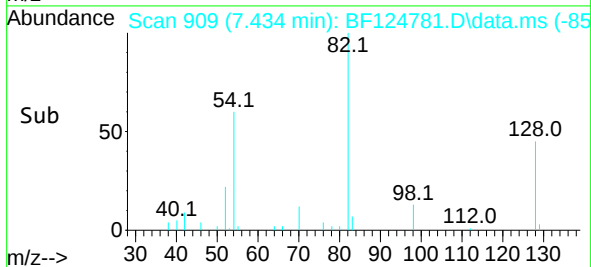
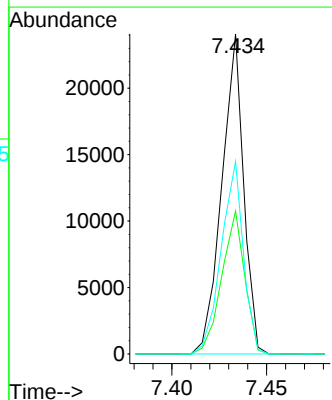
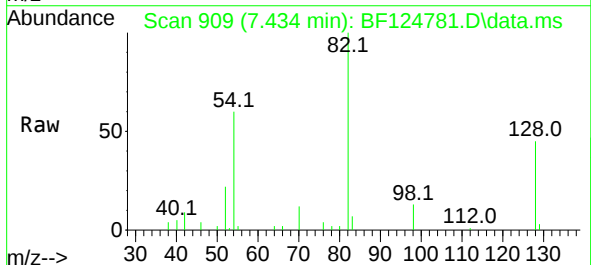


Tgt Ion:	136	Resp:	20066
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.8	14.6
54	8.9	6.4	9.6
68	5.0	3.3	4.9



#23
Nitrobenzene-d5
Concen: 57.180 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion:	82	Resp:	19278
Ion Ratio	Lower	Upper	
82	100		
128	44.7	40.6	60.8
54	60.2	49.6	74.4

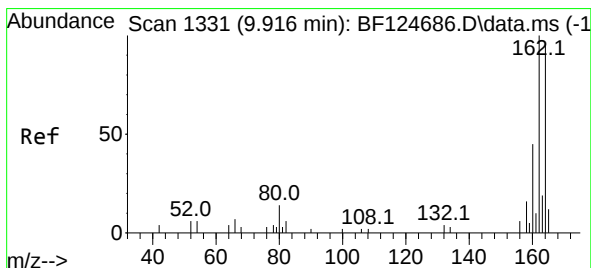
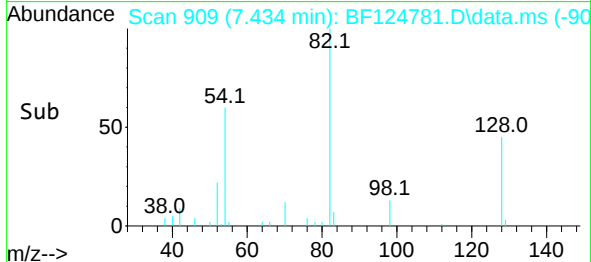
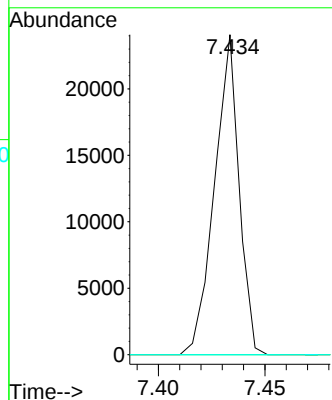
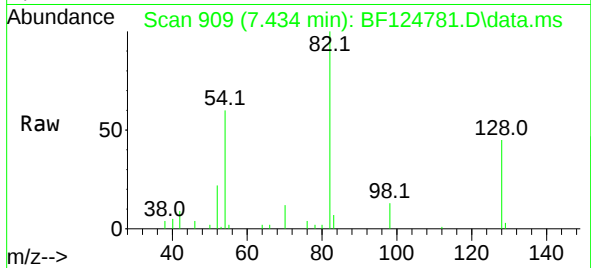




#25
Isophorone
Concen: 32.336 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

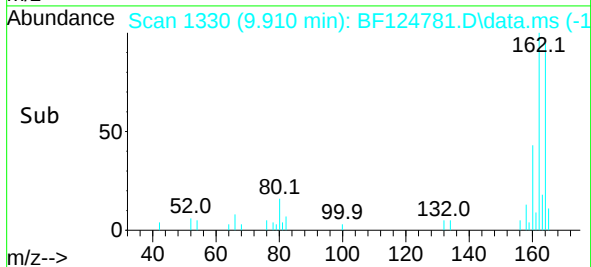
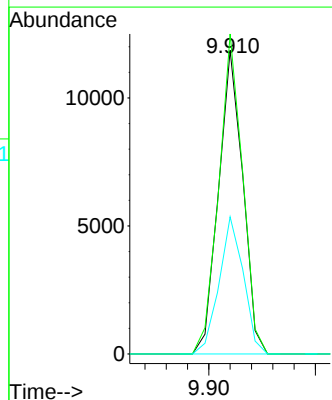
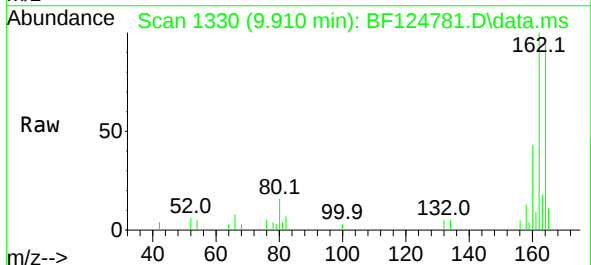
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ClientSampleId :
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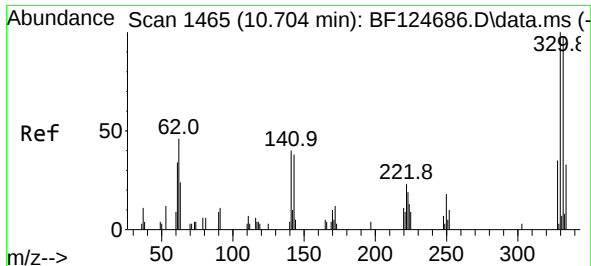
Tgt Ion: 82 Resp: 19277
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion: 164 Resp: 9362
Ion Ratio Lower Upper
164 100
162 105.4 81.3 121.9
160 45.1 38.0 57.0

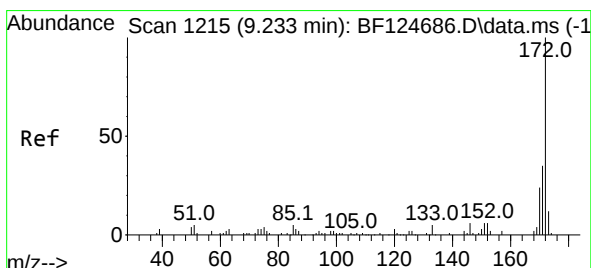
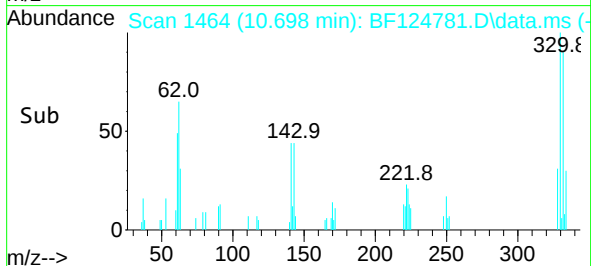
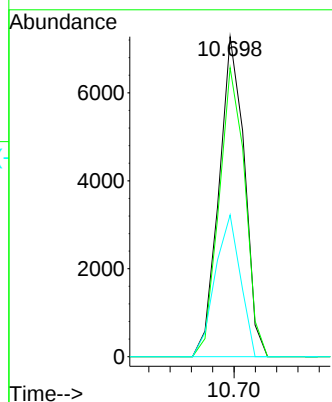
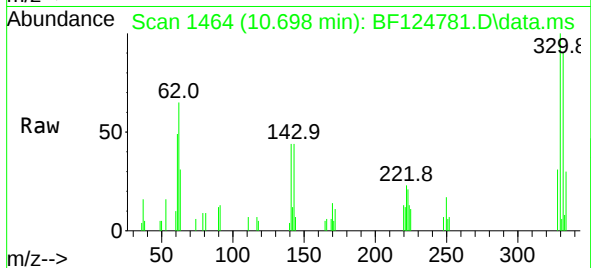




#42
2,4,6-Tribromophenol
Concen: 75.166 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

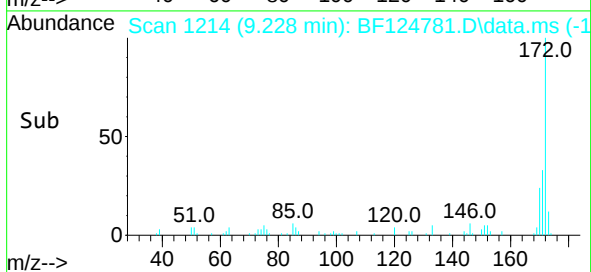
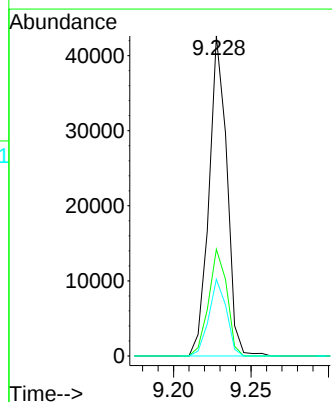
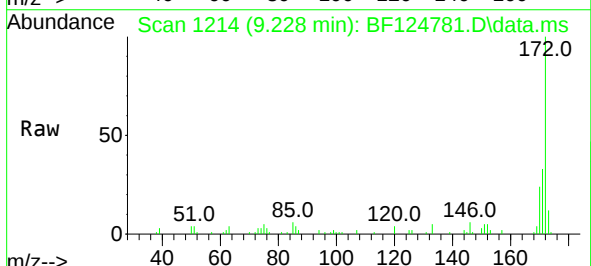
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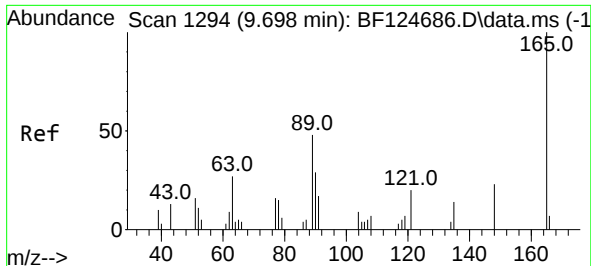
Tgt Ion: 330 Resp: 6042
Ion Ratio Lower Upper
330 100
332 91.6 76.2 114.4
141 43.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 53.664 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion: 172 Resp: 34206
Ion Ratio Lower Upper
172 100
171 33.4 26.5 39.7
170 23.9 18.8 28.2

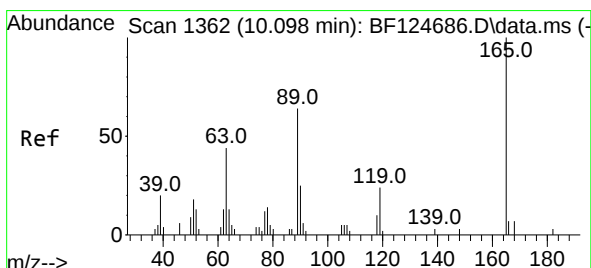
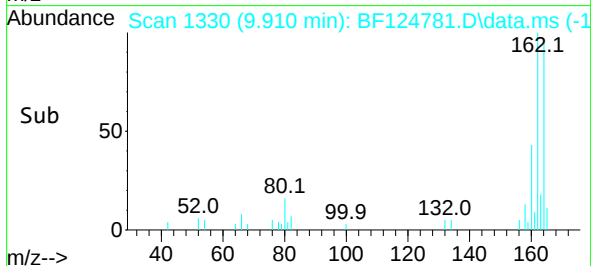
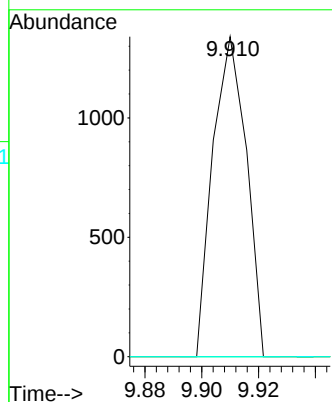
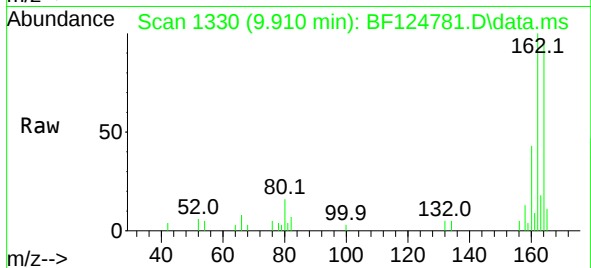




#51
2,6-Dinitrotoluene
Concen: 7.717 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

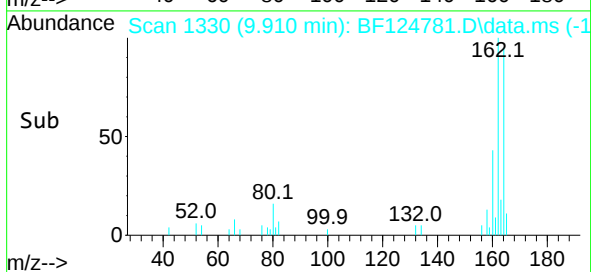
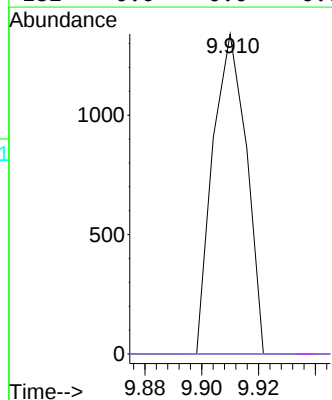
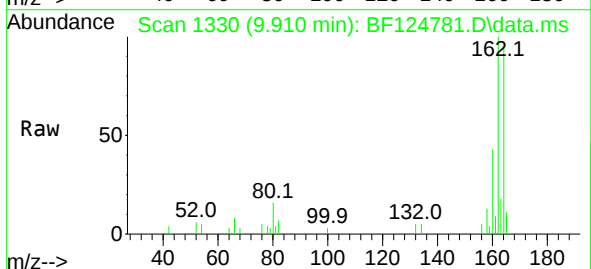
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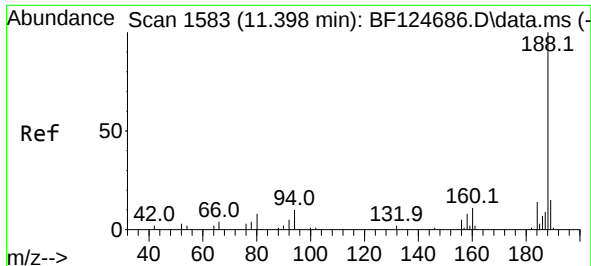
Tgt Ion:165 Resp: 1099
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.687 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion:165 Resp: 1099
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

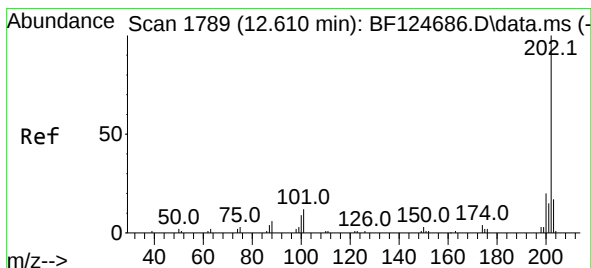
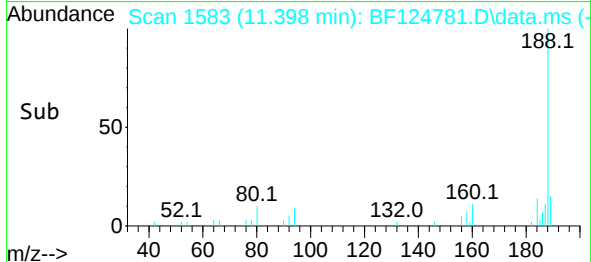
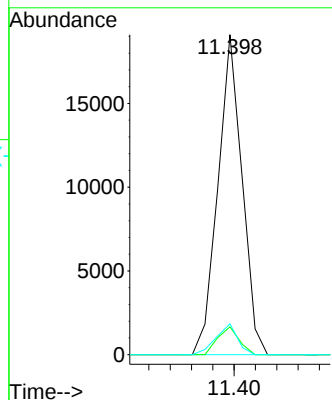
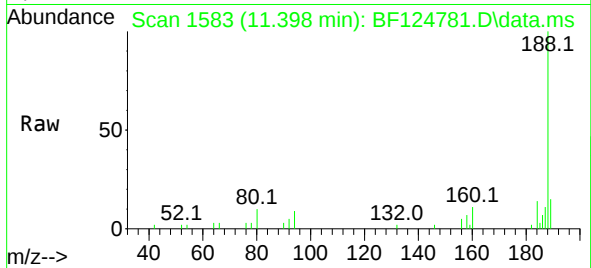




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

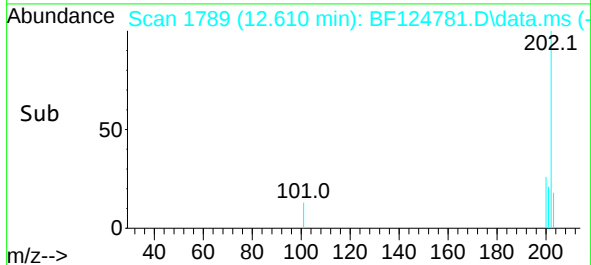
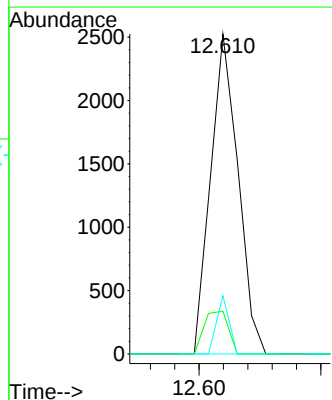
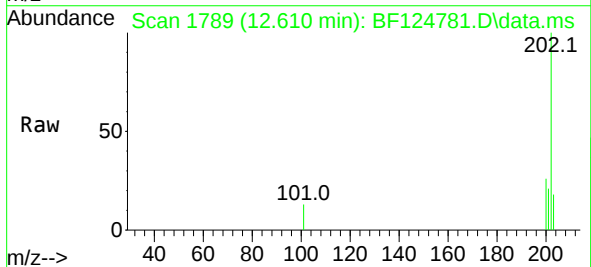
Instrument :
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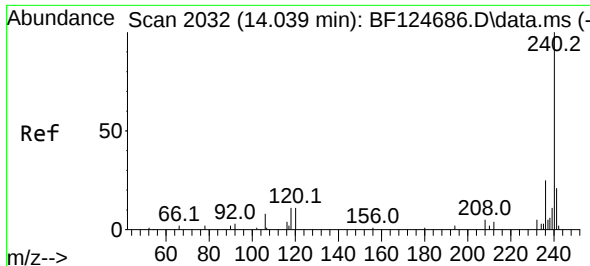
Tgt Ion:188 Resp: 15010
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.6 7.5 11.3



#75
Fluoranthene
Concen: 2.394 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion:202 Resp: 1972
Ion Ratio Lower Upper
202 100
101 13.4 0.0 30.7
203 18.2 0.0 36.3

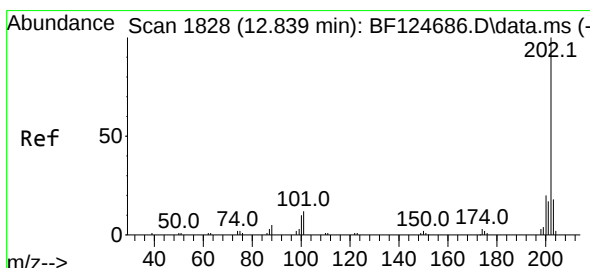
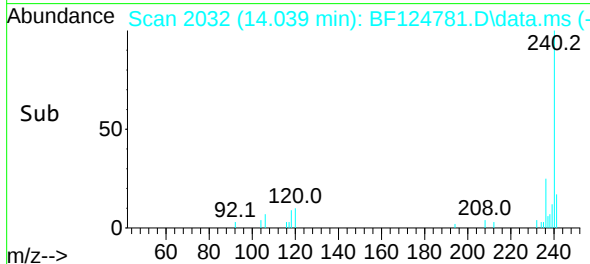
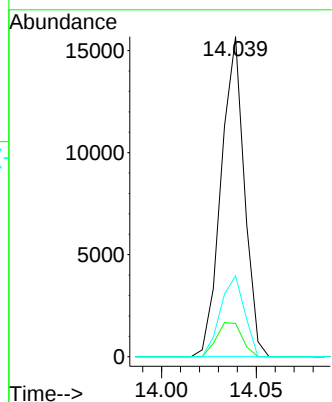
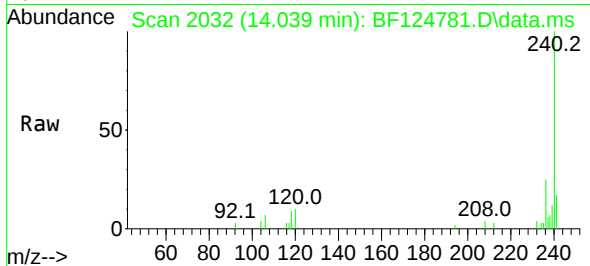




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

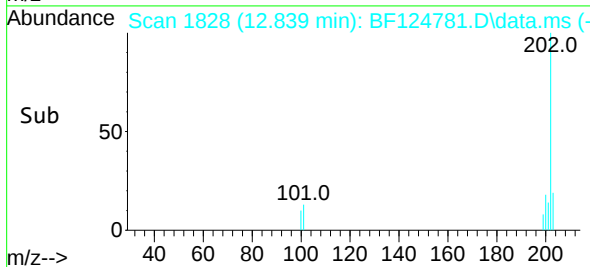
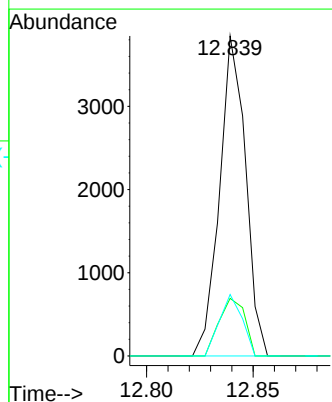
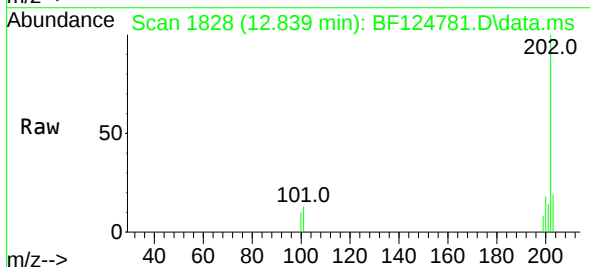
Instrument :
BNA_F
ClientSampleId :
20210546-COM-19

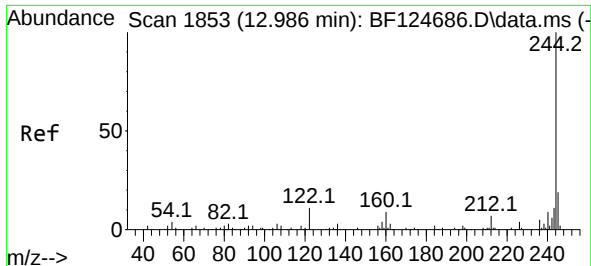
Tgt Ion:240 Resp: 13363
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 25.3 21.6 32.4



#78
Pyrene
Concen: 3.086 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion:202 Resp: 3265
Ion Ratio Lower Upper
202 100
200 18.0 15.3 22.9
203 19.2 13.4 20.0

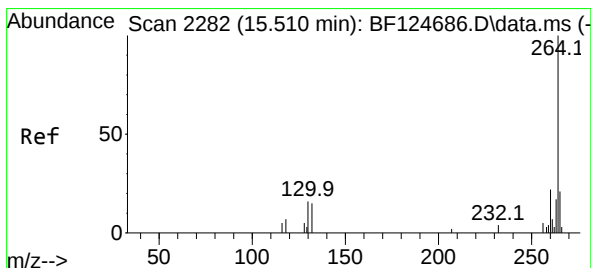
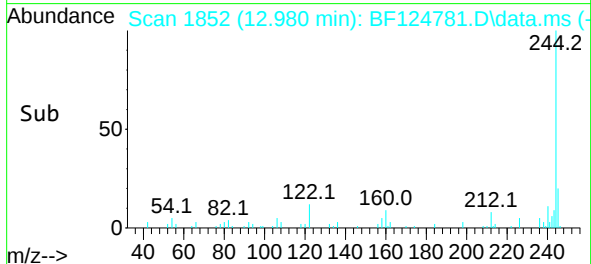
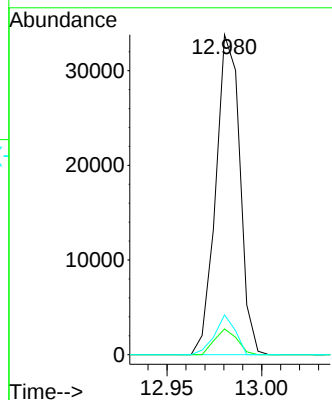
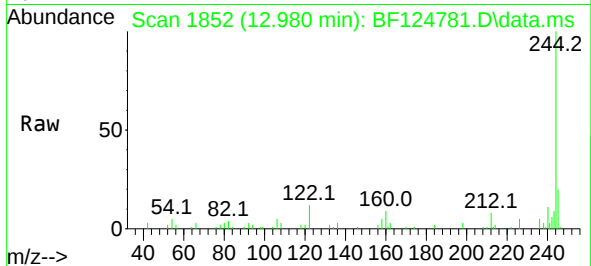




#79
 Terphenyl-d14
 Concen: 38.320 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124781.D
 Acq: 27 Jul 2021 00:20

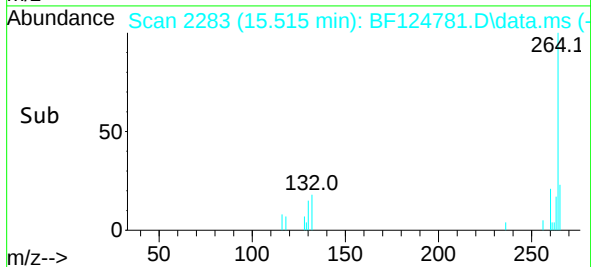
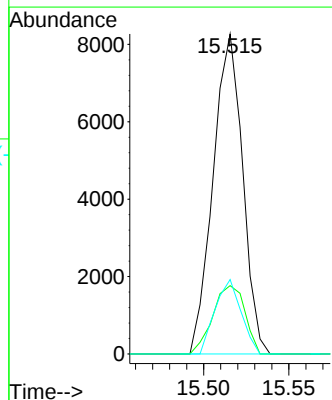
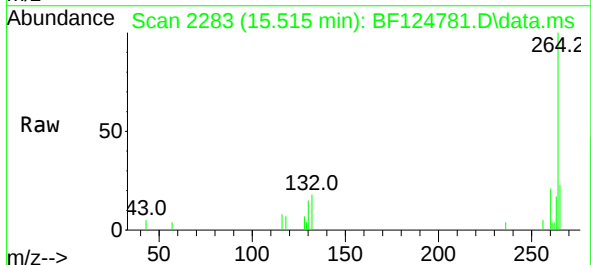
Instrument :
 BNA_F
 ClientSampleId :
 20210546-COM-19

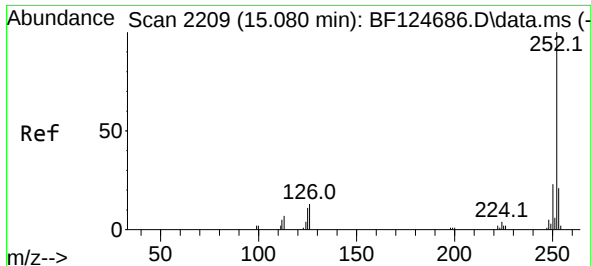
Tgt Ion:244 Resp: 29873
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.9 8.9
 122 12.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124781.D
 Acq: 27 Jul 2021 00:20

Tgt Ion:264 Resp: 9961
 Ion Ratio Lower Upper
 264 100
 260 21.4 19.6 29.4
 265 23.2 17.2 25.8

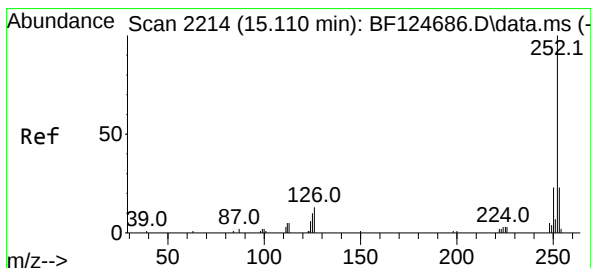
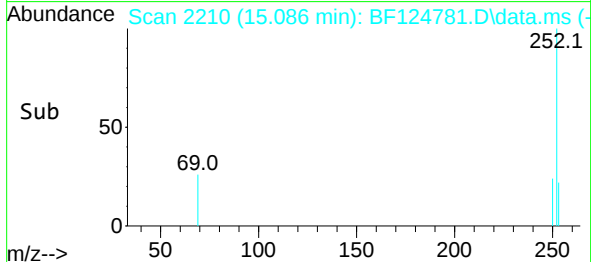
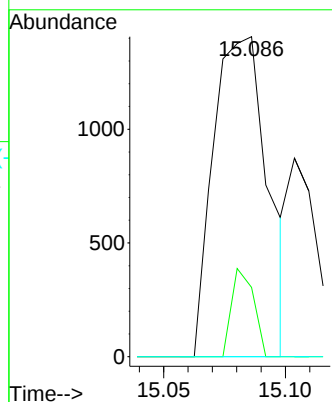
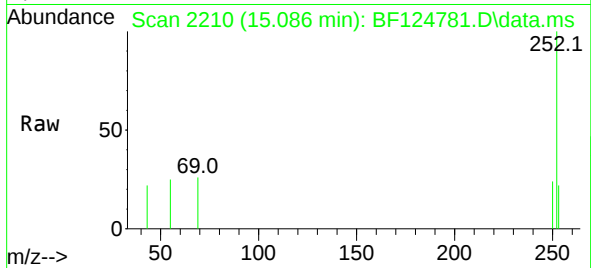




#88
Benzo(b)fluoranthene
Concen: 3.117 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Instrument :
BNA_F
ClientSampleId :
20210546-COM-19

Tgt Ion:252 Resp: 2186
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 0.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.411 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.024 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion:252 Resp: 2186
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 0.0 7.2 10.8#

