

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124842.D
 Acq On : 28 Jul 2021 23:11
 Operator : JU/CG
 Sample : M3202-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072721

Quant Time: Jul 29 02:12:16 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)

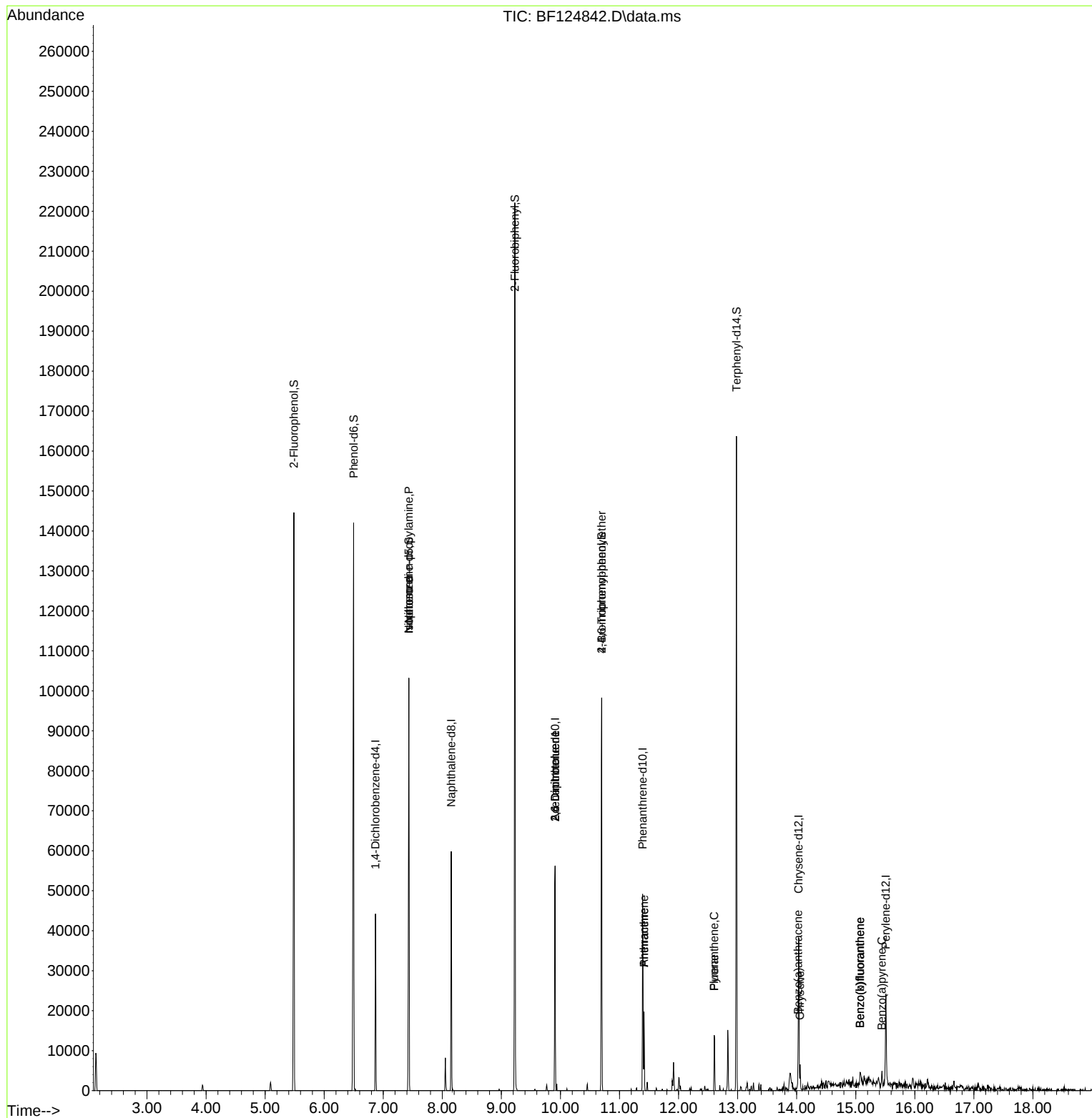
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5842	20.00	ng	# 0.00
21) Naphthalene-d8	8.151	136	23417	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12160	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	18001	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	13071	20.00	ng	# 0.00
86) Perylene-d12	15.509	264	11503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	37195	107.80	ng	0.00
7) Phenol-d6	6.498	99	44659	103.24	ng	0.00
23) Nitrobenzene-d5	7.434	82	29659	75.38	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	9647	92.40	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	61936	74.81	ng	0.00
79) Terphenyl-d14	12.980	244	49058	64.34	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	4047	17.52	ng	# 71
25) Isophorone	7.434	82	29659	42.63	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1790	9.68	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1790	7.13	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	703	3.68	ng	# 1
71) Phenanthrene	11.416	178	7456	7.70	ng	98
72) Anthracene	11.416	178	7456	7.70	ng	98
75) Fluoranthene	12.604	202	6985	7.07	ng	97
78) Pyrene	12.604	202	6985	6.75	ng	97
81) Benzo(a)anthracene	14.021	228	2818	3.30	ng	94
83) Chrysene	14.057	228	3125	3.80	ng	95
88) Benzo(b)fluoranthene	15.074	252	3861	4.77	ng	# 87
89) Benzo(k)fluoranthene	15.074	252	3861	5.22	ng	# 90
90) Benzo(a)pyrene	15.439	252	2161	3.19	ng	# 85

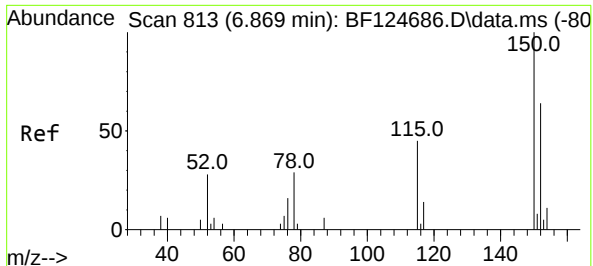
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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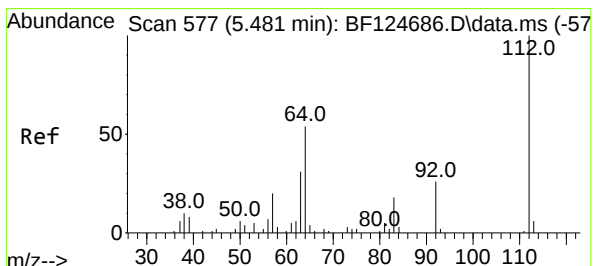
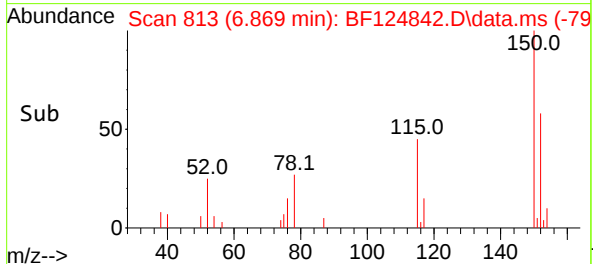
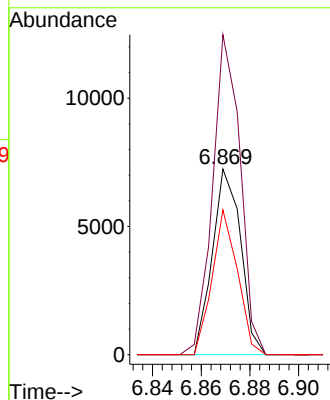
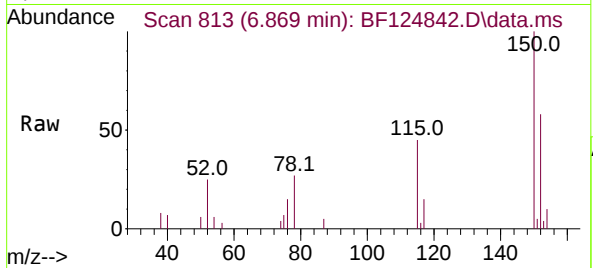




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

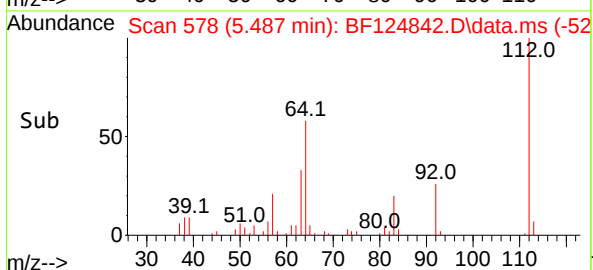
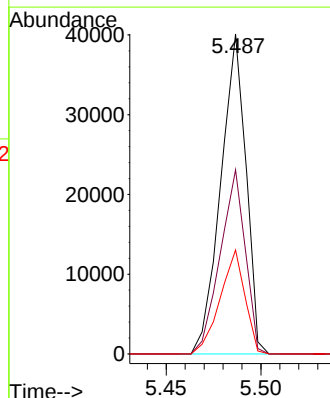
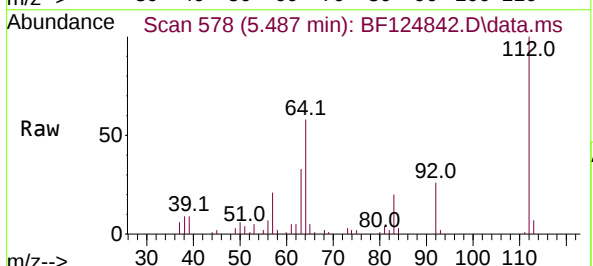
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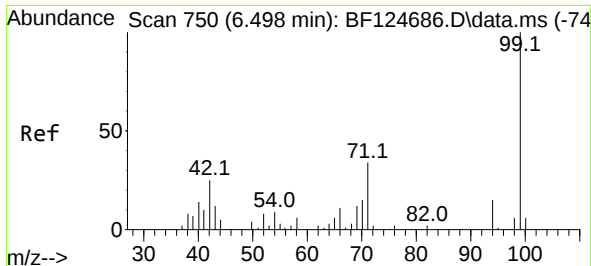
Tgt Ion:152 Resp: 5842
Ion Ratio Lower Upper
152 100
150 172.4 117.6 176.4
115 78.0 47.1 70.7#



#5
2-Fluorophenol
Concen: 107.80 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion:112 Resp: 37195
Ion Ratio Lower Upper
112 100
64 57.6 44.2 66.2
63 32.5 26.2 39.2

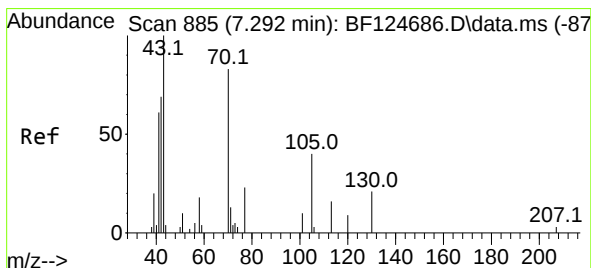
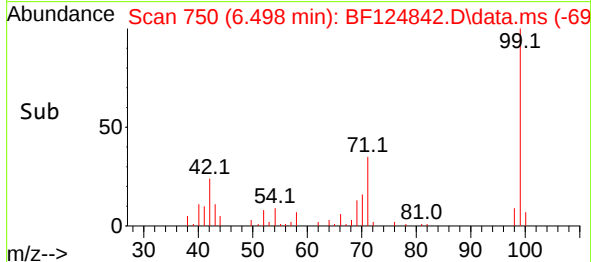
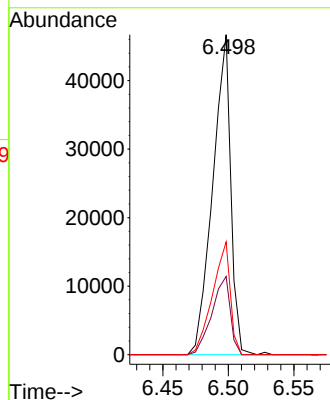
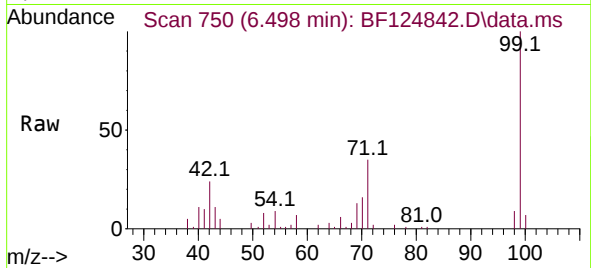




#7
Phenol-d6
Concen: 103.24 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

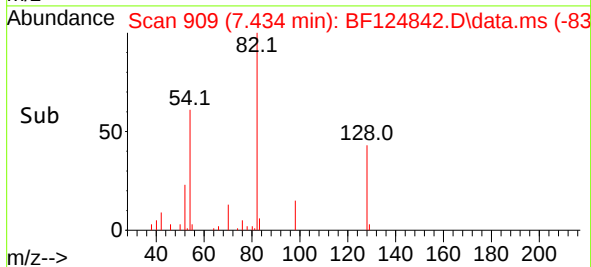
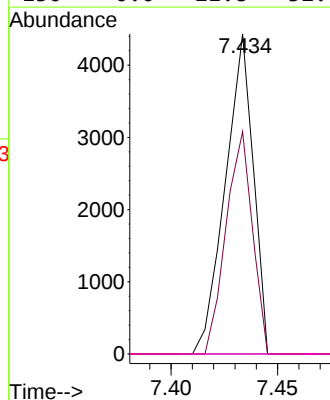
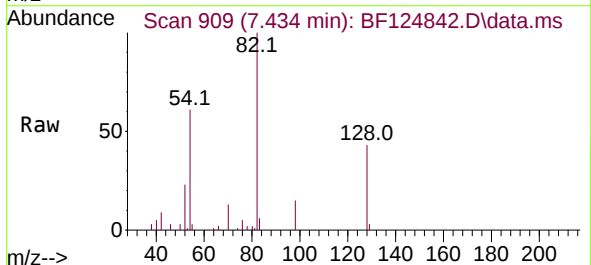
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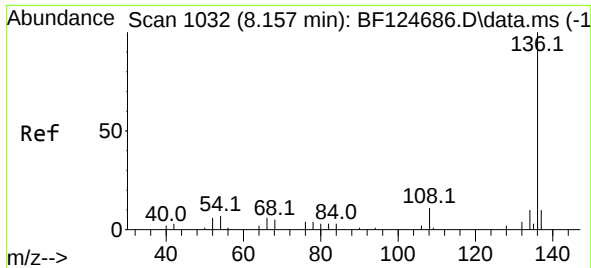
Tgt Ion:	99	Resp:	44659
Ion	Ratio	Lower	Upper
99	100		
42	24.5	23.5	35.3
71	35.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.52 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion:	70	Resp:	4047
Ion	Ratio	Lower	Upper
70	100		
42	69.5	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

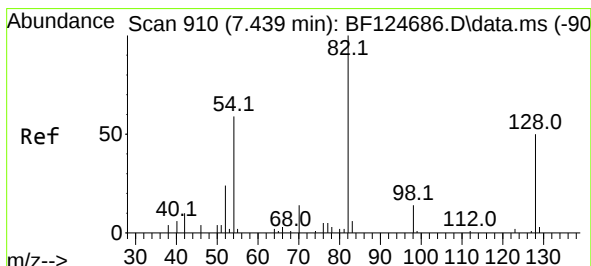
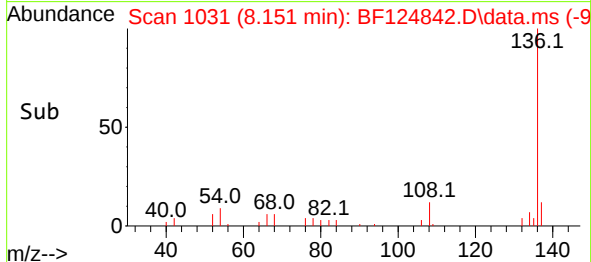
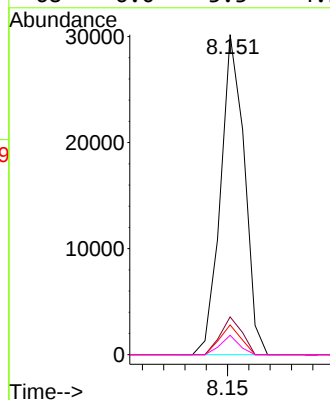
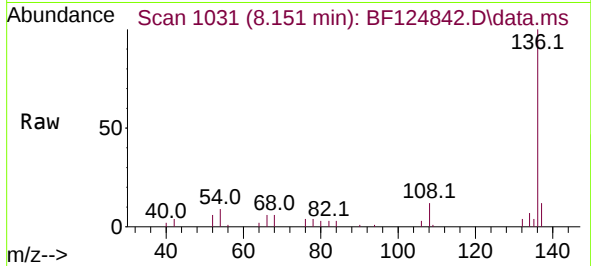




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

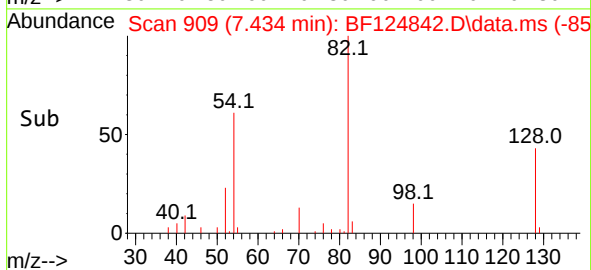
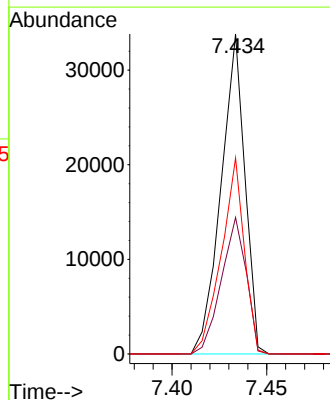
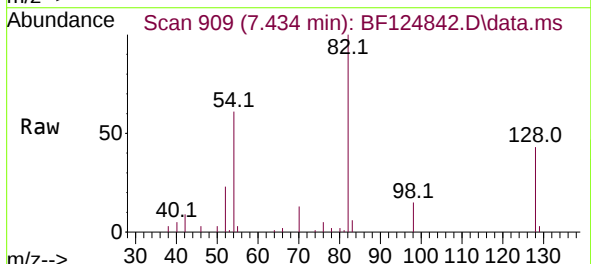
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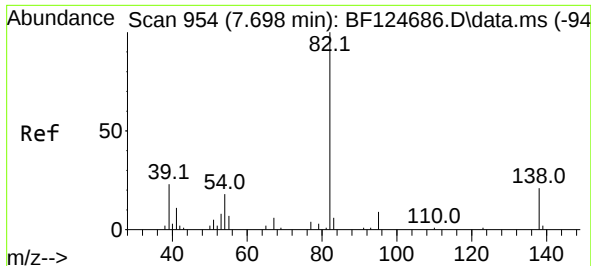
Tgt Ion:136	Resp:	23417
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.8 14.6
54	9.3	6.4 9.6
68	6.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.38 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion: 82	Resp:	29659
Ion Ratio	Lower	Upper
82	100	
128	42.7	40.6 60.8
54	61.3	49.6 74.4

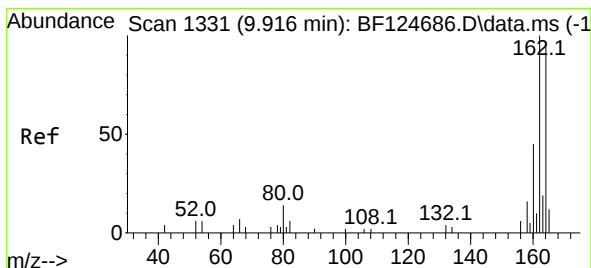
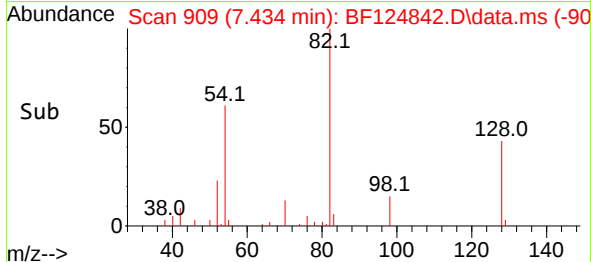
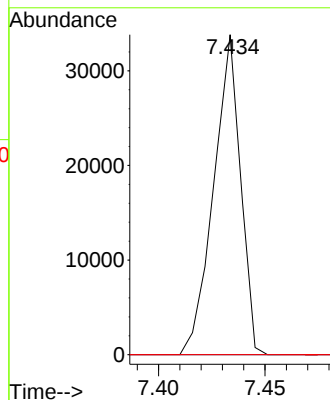
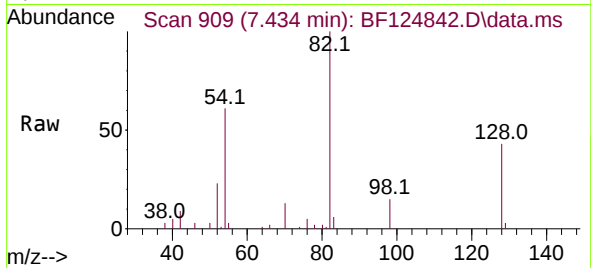




#25
Isophorone
Concen: 42.63 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

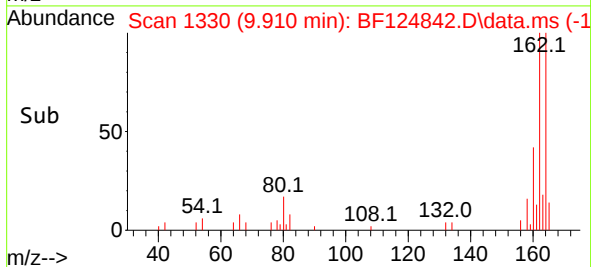
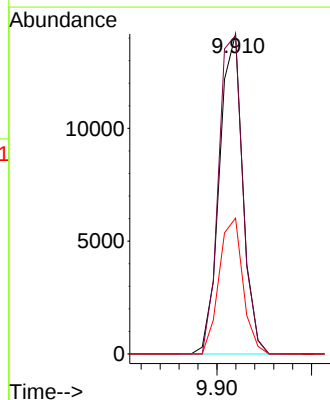
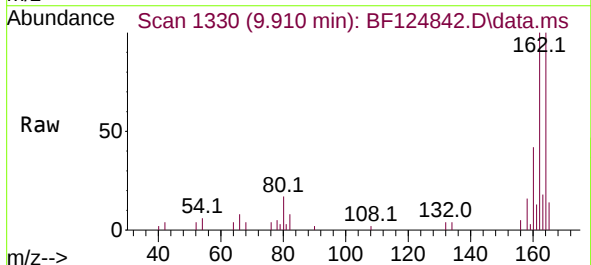
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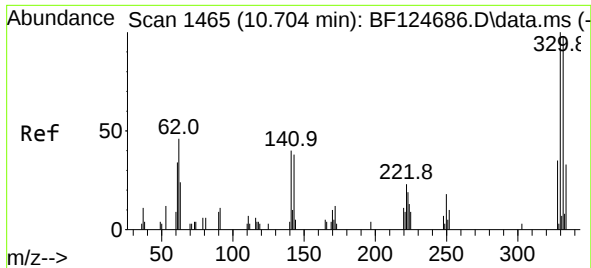
Tgt Ion: 82 Resp: 29659
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion: 164 Resp: 12160
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 42.4 38.0 57.0

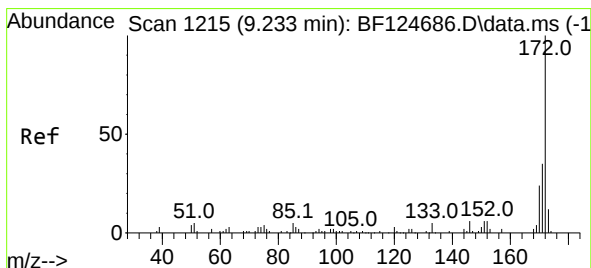
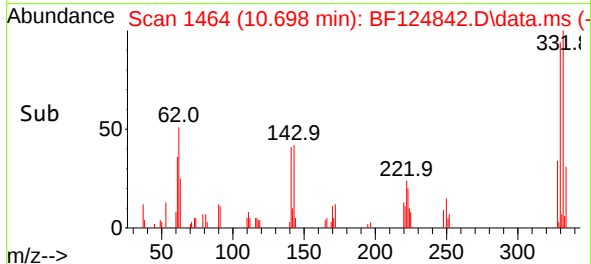
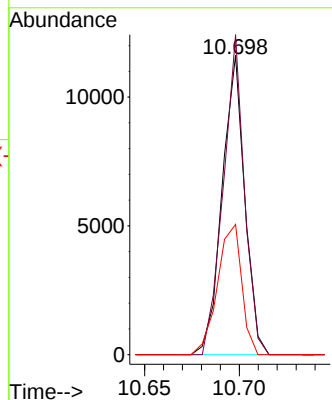
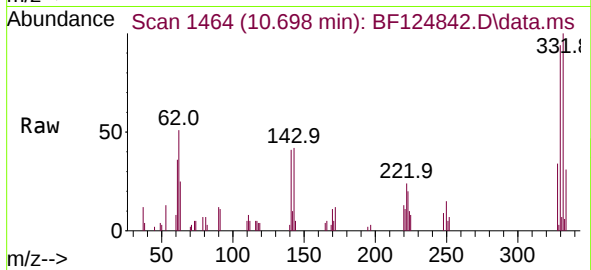




#42
2,4,6-Tribromophenol
Concen: 92.40 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

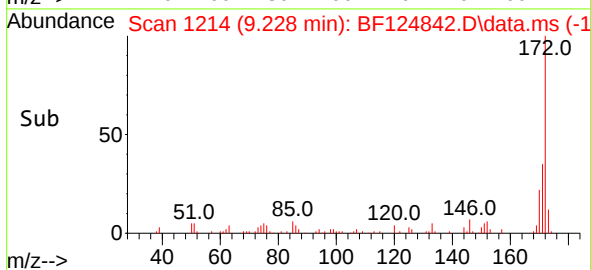
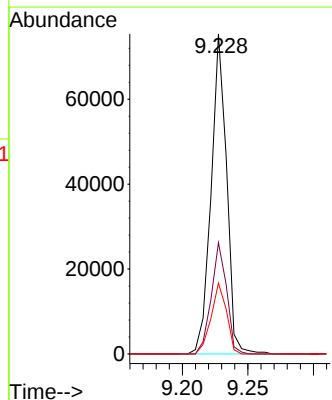
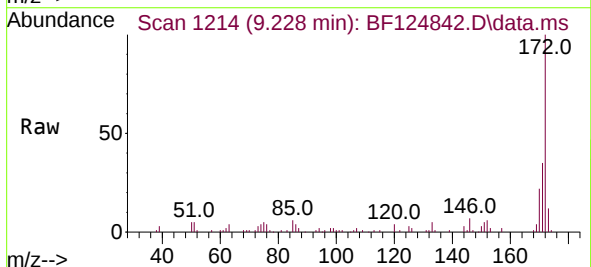
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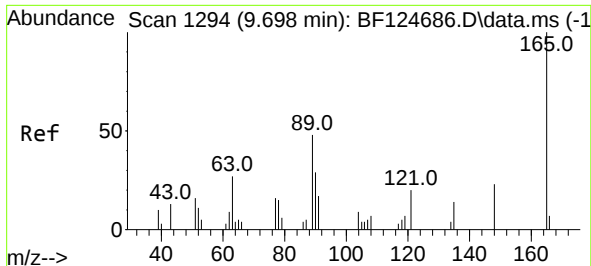
Tgt Ion: 330 Resp: 9647
Ion Ratio Lower Upper
330 100
332 99.8 76.2 114.4
141 46.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 74.81 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion: 172 Resp: 61936
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 22.1 18.8 28.2

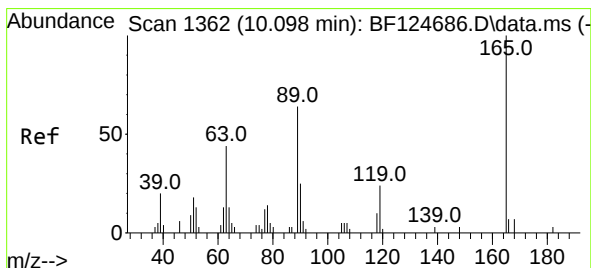
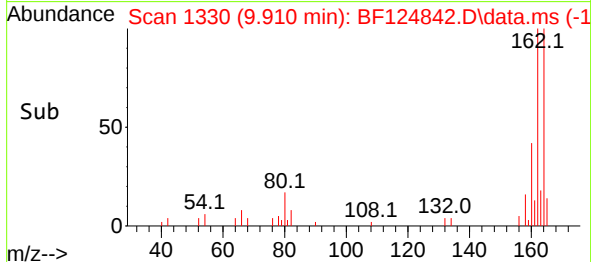
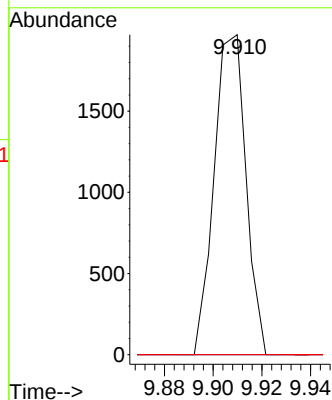
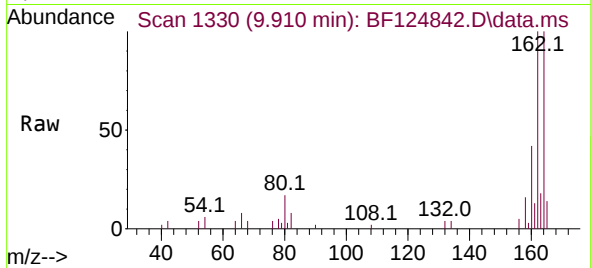




#51
2,6-Dinitrotoluene
Concen: 9.68 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

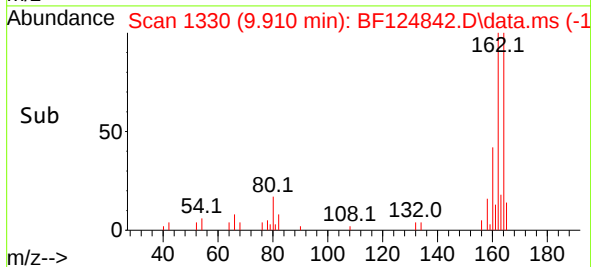
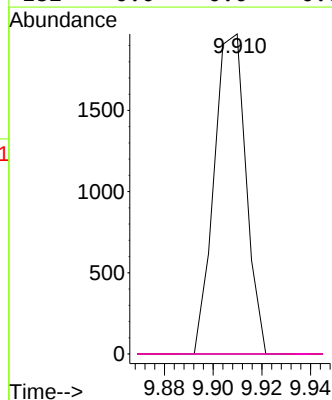
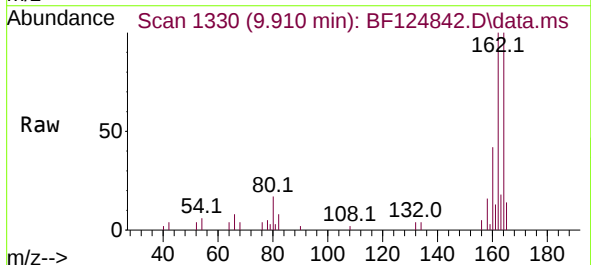
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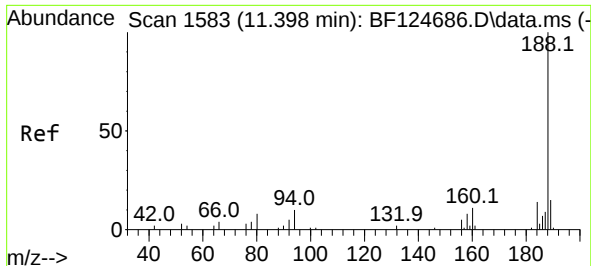
Tgt Ion:165 Resp: 1790
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.13 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion:165 Resp: 1790
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

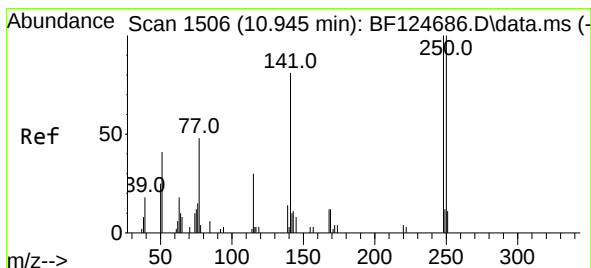
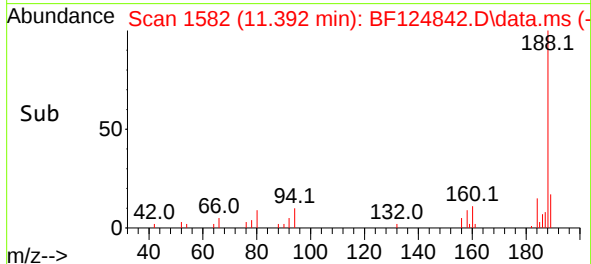
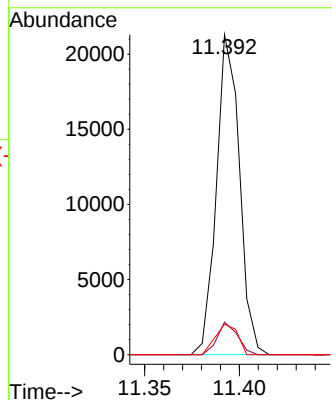
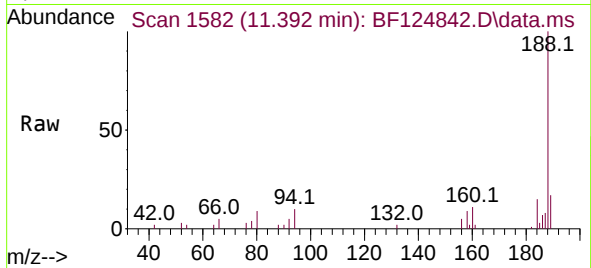




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

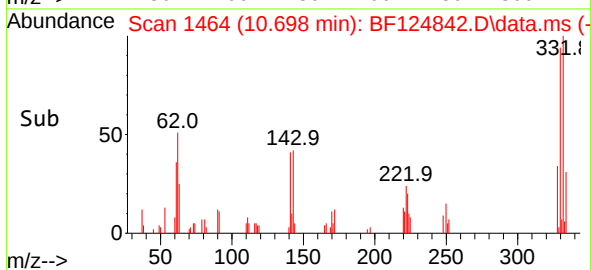
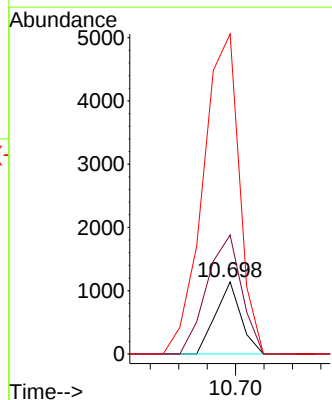
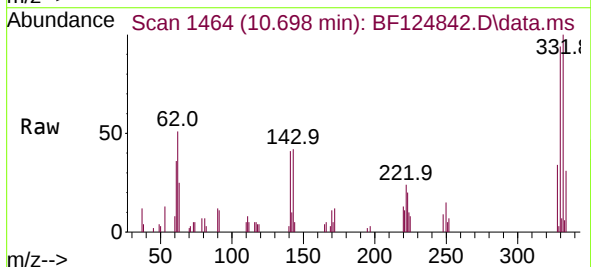
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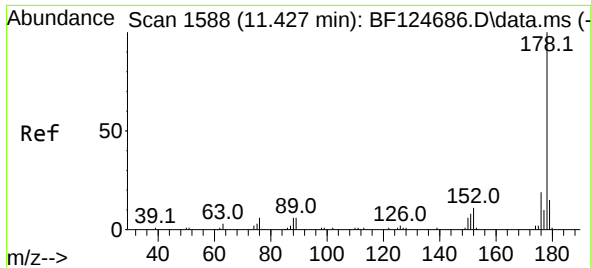
Tgt Ion:188 Resp: 18001
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 9.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion:248 Resp: 703
Ion Ratio Lower Upper
248 100
250 165.1 74.2 111.4#
141 444.6 60.4 90.6#

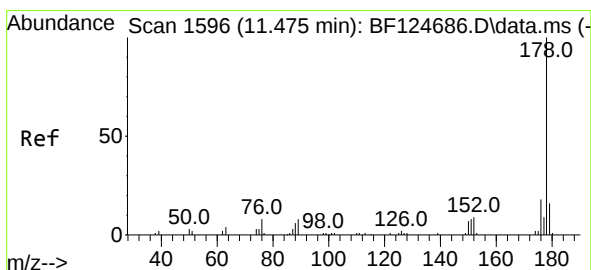
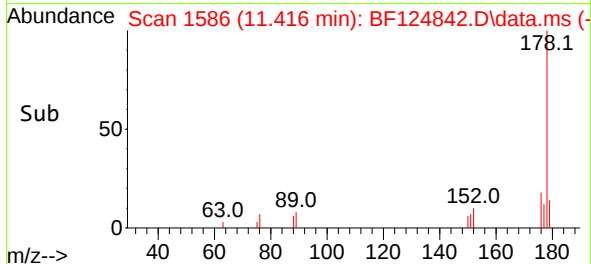
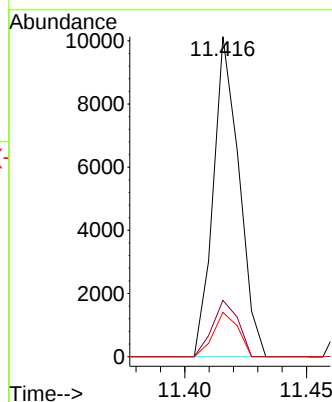
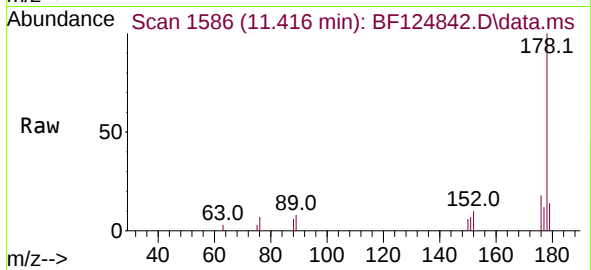




#71
Phenanthrene
Concen: 7.70 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

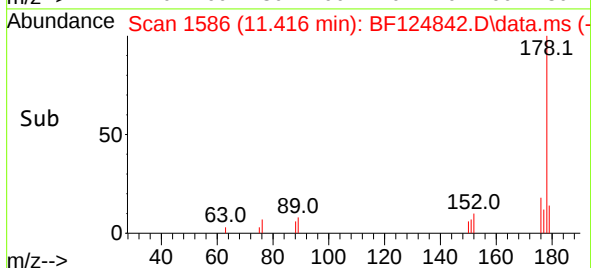
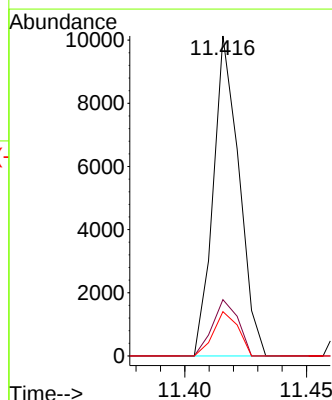
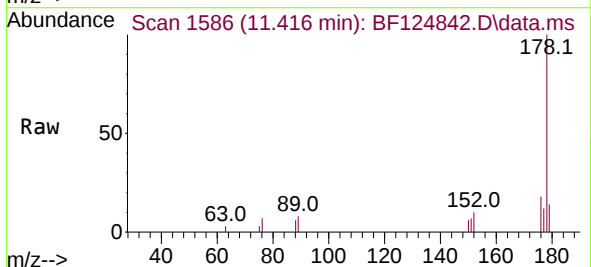
Instrument :
BNA_F
ClientSampleId :
CL-02-072721

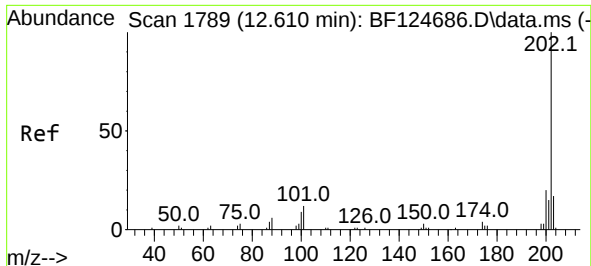
Tgt Ion:178 Resp: 7456
Ion Ratio Lower Upper
178 100
176 17.6 14.7 22.1
179 13.8 11.5 17.3



#72
Anthracene
Concen: 7.70 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.059 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

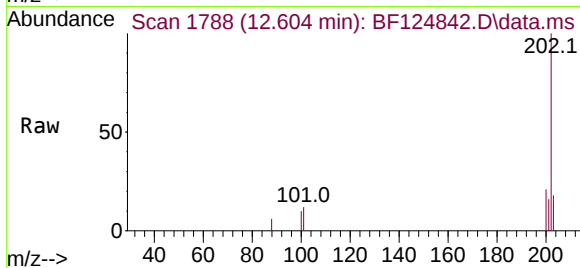
Tgt Ion:178 Resp: 7456
Ion Ratio Lower Upper
178 100
176 17.6 14.3 21.5
179 13.8 12.2 18.4



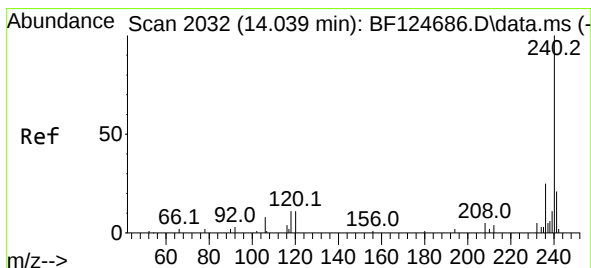
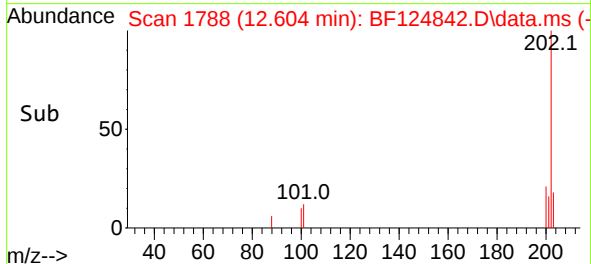
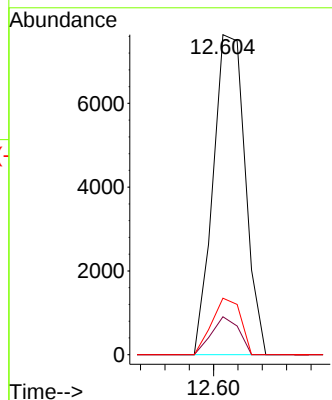


#75
Fluoranthene
Concen: 7.07 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Instrument :
BNA_F
ClientSampled :
CL-02-072721

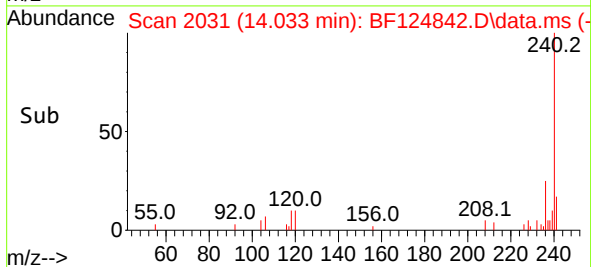
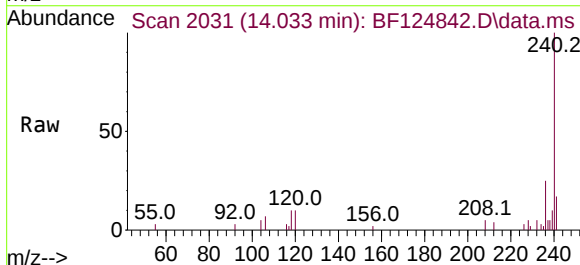
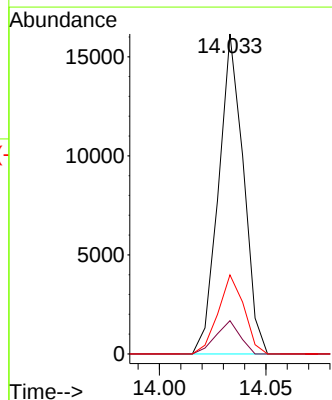


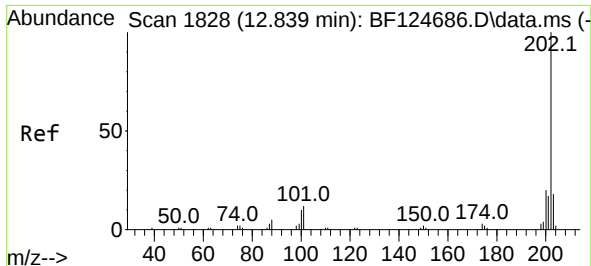
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.7
203	17.6	0.0	36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.8	16.2#
236	24.7	21.6	32.4

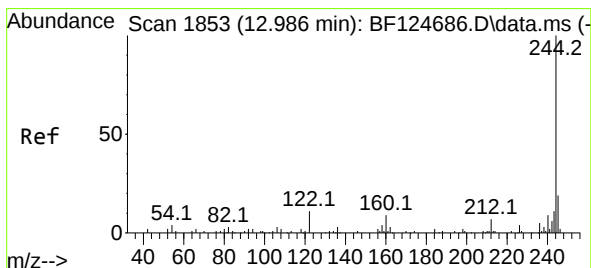
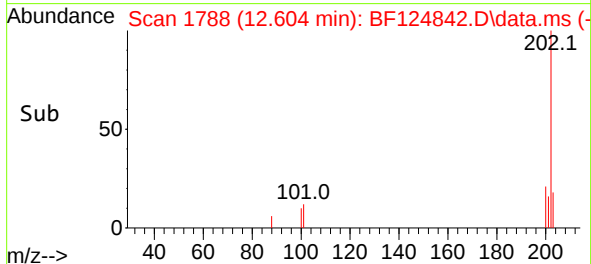
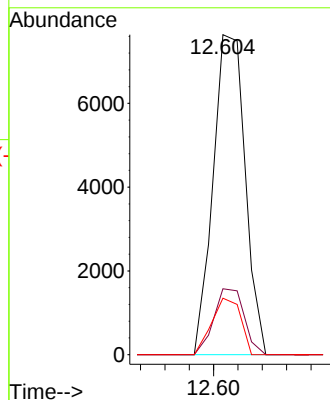
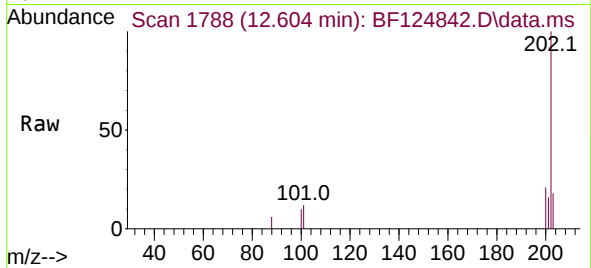




#78
Pyrene
Concen: 6.75 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.235 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

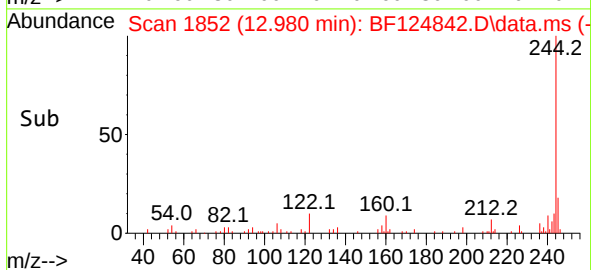
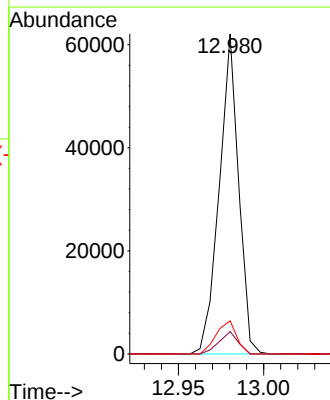
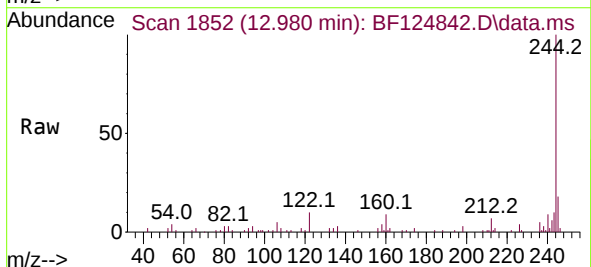
Instrument :
BNA_F
ClientSampleId :
CL-02-072721

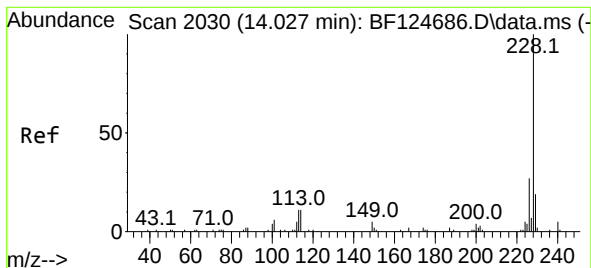
Tgt Ion:202	Resp:	6985
Ion Ratio	Lower	Upper
202	100	
200	20.6	15.3 22.9
203	17.6	13.4 20.0



#79
Terphenyl-d14
Concen: 64.34 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion:244	Resp:	49058
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.9 8.9
122	10.4	9.0 13.4

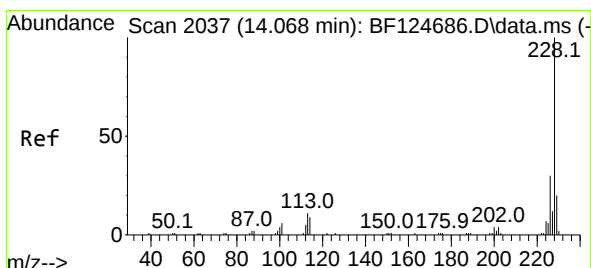
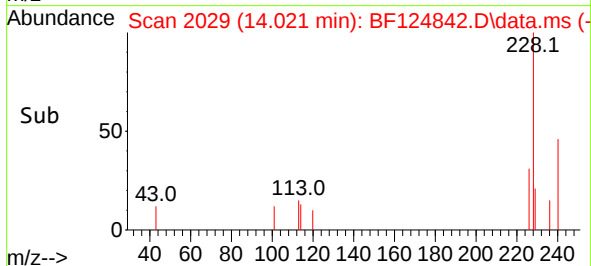
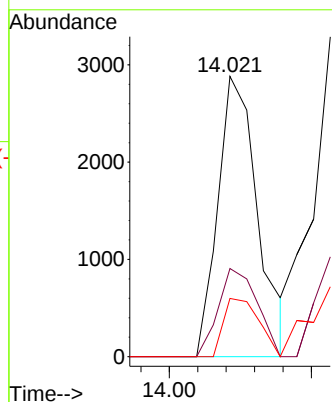
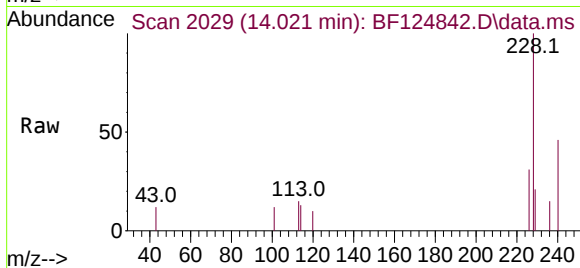




#81
Benzo(a)anthracene
Concen: 3.30 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

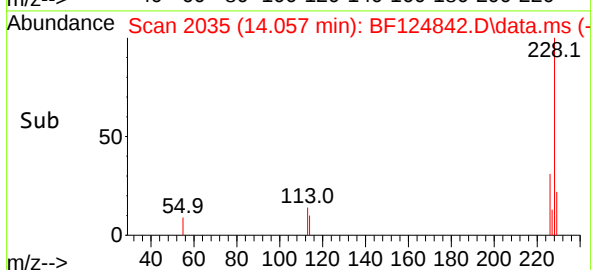
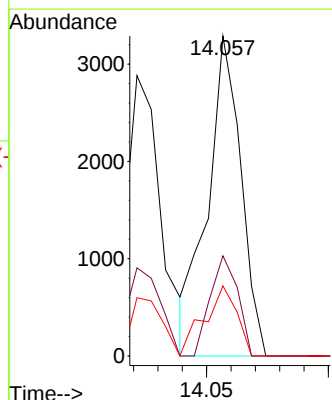
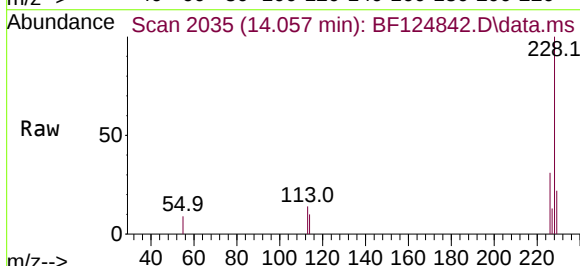
Instrument :
BNA_F
ClientSampleId :
CL-02-072721

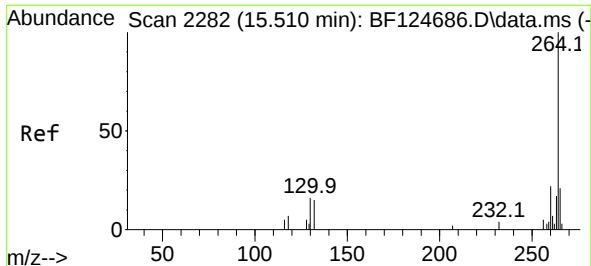
Tgt Ion:228	Resp:	2818
Ion Ratio	Lower	Upper
228	100	
226	31.4	21.6 32.4
229	20.7	15.6 23.4



#83
Chrysene
Concen: 3.80 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124842.D
Acq: 28 Jul 2021 23:11

Tgt Ion:228	Resp:	3125
Ion Ratio	Lower	Upper
228	100	
226	31.3	22.6 34.0
229	21.9	15.9 23.9

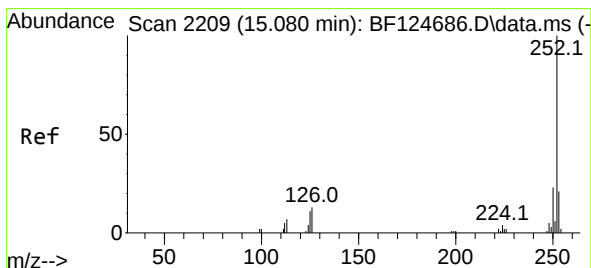
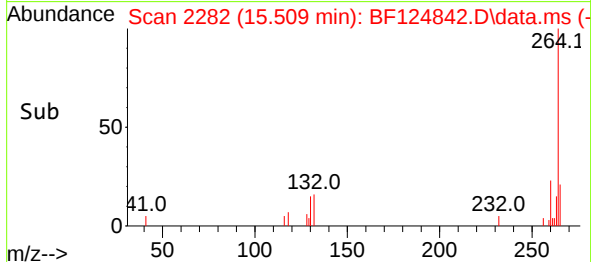
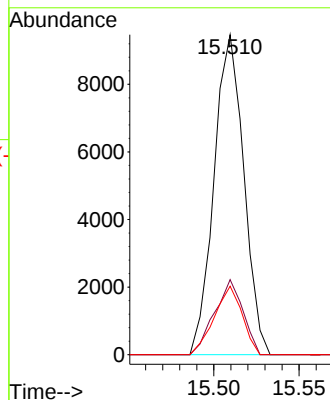
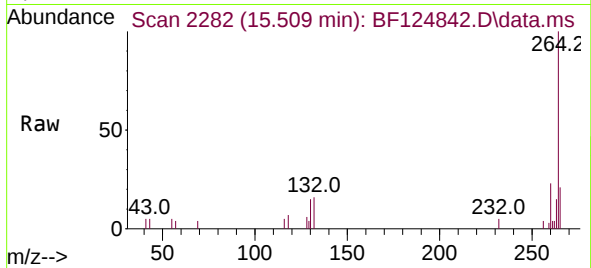




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.000 min
 Lab File: BF124842.D
 Acq: 28 Jul 2021 23:11

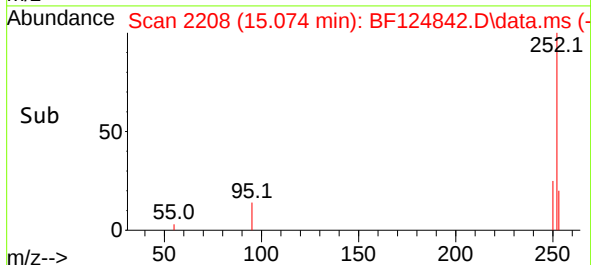
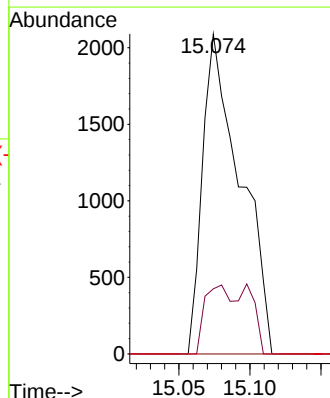
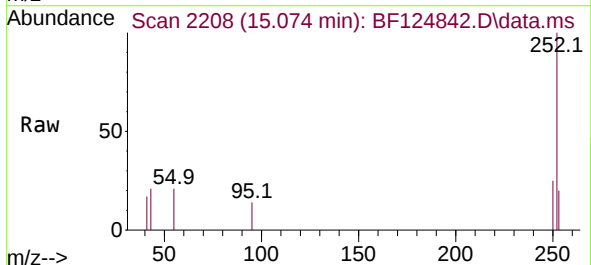
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072721

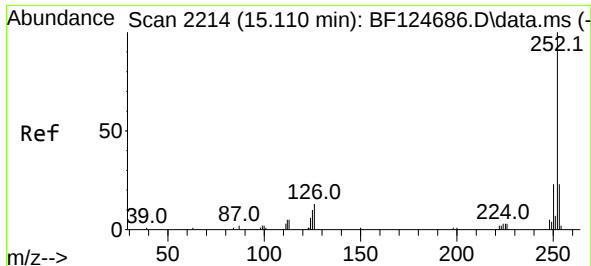
Tgt Ion:264 Resp: 11503
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.4 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 4.77 ng
 RT: 15.074 min Scan# 2208
 Delta R.T. -0.006 min
 Lab File: BF124842.D
 Acq: 28 Jul 2021 23:11

Tgt Ion:252 Resp: 3861
 Ion Ratio Lower Upper
 252 100
 253 20.3 16.8 25.2
 125 0.0 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 5.22 ng

RT: 15.074 min Scan# 2208

Delta R.T. -0.035 min

Lab File: BF124842.D

Acq: 28 Jul 2021 23:11

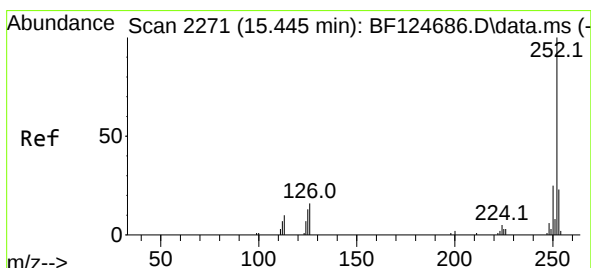
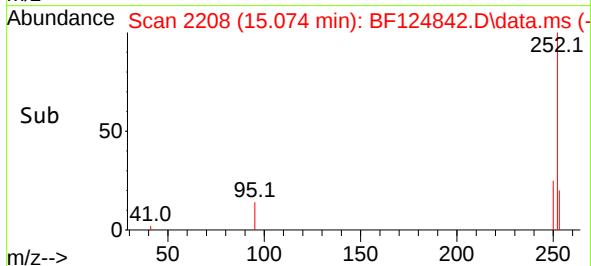
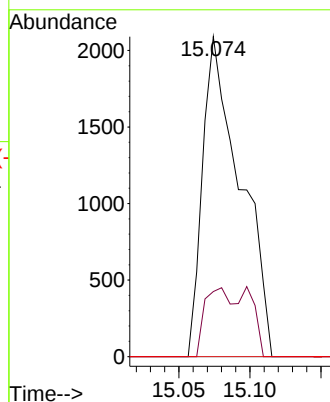
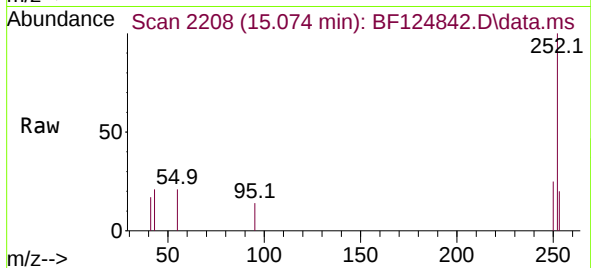
Instrument :

BNA_F

ClientSampleId :

CL-02-072721

Tgt Ion:252	Resp:	3861
Ion Ratio	Lower	Upper
252	100	
253	20.3	17.8 26.8
125	0.0	7.2 10.8#



#90

Benzo(a)pyrene

Concen: 3.19 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF124842.D

Acq: 28 Jul 2021 23:11

Tgt Ion:252	Resp:	2161
Ion Ratio	Lower	Upper
252	100	
253	17.7	18.4 27.6#
125	21.6	9.9 14.9#

