

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124844.D
 Acq On : 29 Jul 2021 00:17
 Operator : JU/CG
 Sample : M3204-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-072721

Quant Time: Jul 29 02:12:34 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)

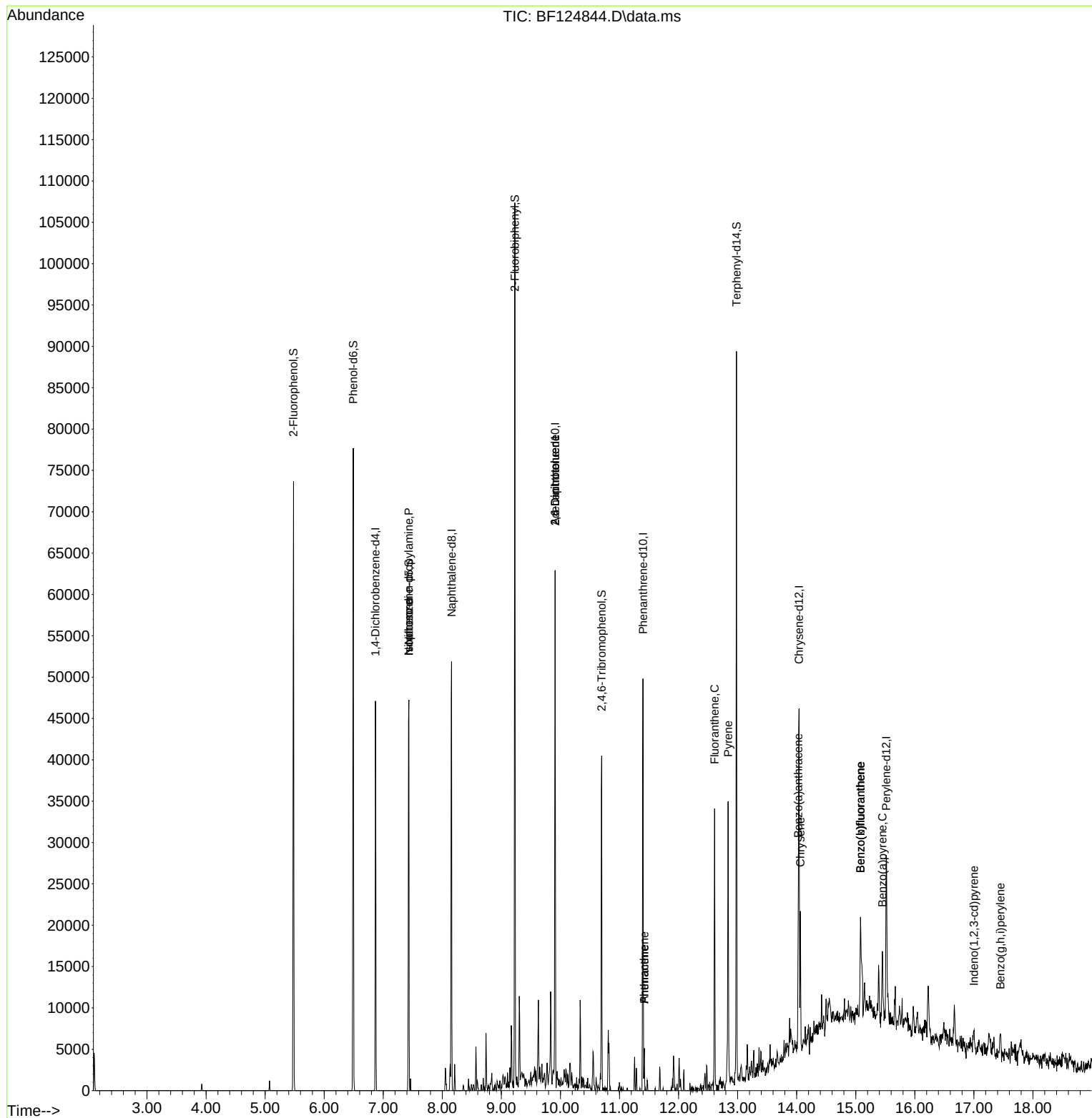
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6692	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	22678	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	11063	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	18273	20.00	ng	0.00
76) Chrysene-d12	14.039	240	13190	20.00	ng	# 0.00
86) Perylene-d12	15.515	264	9267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	18111	45.82	ng	0.00
7) Phenol-d6	6.492	99	21541	43.47	ng	0.00
23) Nitrobenzene-d5	7.433	82	14605	38.33	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	4599	48.42	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	28540	37.89	ng	0.00
79) Terphenyl-d14	12.980	244	25426	33.04	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	1857	7.02	ng	# 69
25) Isophorone	7.433	82	14605	21.68	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1452	8.63	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1452	6.36	ng	# 18
71) Phenanthrene	11.421	178	2552	2.60	ng	99
72) Anthracene	11.421	178	2552	2.60	ng	99
75) Fluoranthene	12.610	202	12969	12.93	ng	94
78) Pyrene	12.839	202	13758	13.18	ng	95
81) Benzo(a)anthracene	14.027	228	7216	8.37	ng	# 92
83) Chrysene	14.062	228	6538	7.87	ng	91
87) Indeno(1,2,3-cd)pyrene	17.003	276	2210	4.13	ng	# 82
88) Benzo(b)fluoranthene	15.080	252	8817	13.51	ng	94
89) Benzo(k)fluoranthene	15.080	252	8817	14.79	ng	# 93
90) Benzo(a)pyrene	15.451	252	4515	8.28	ng	# 91
92) Benzo(g,h,i)perylene	17.450	276	2135	4.81	ng	# 90

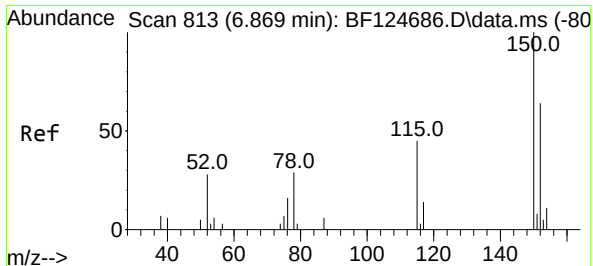
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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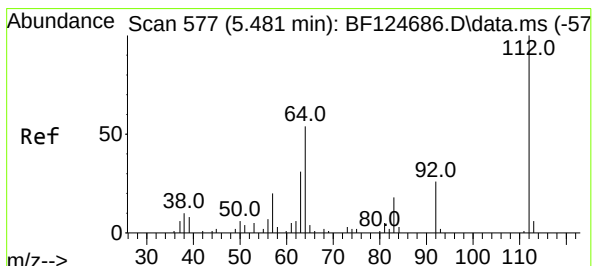
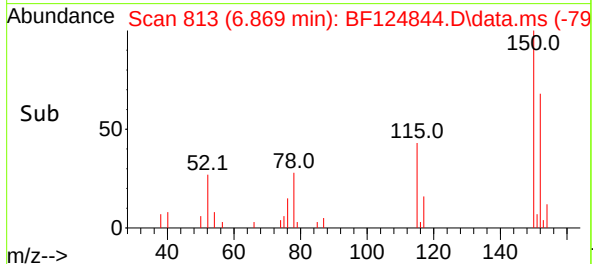
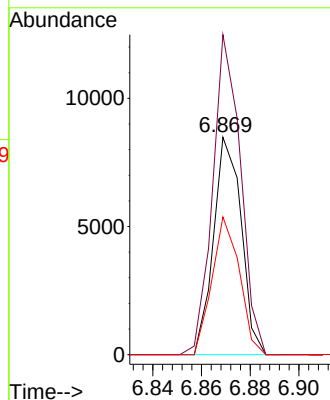
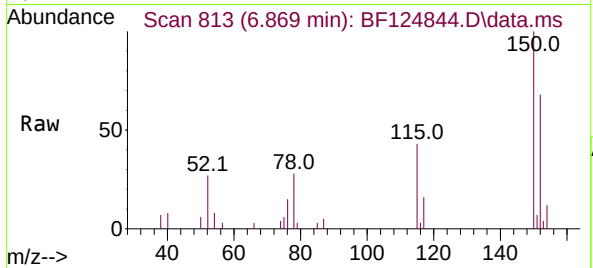




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

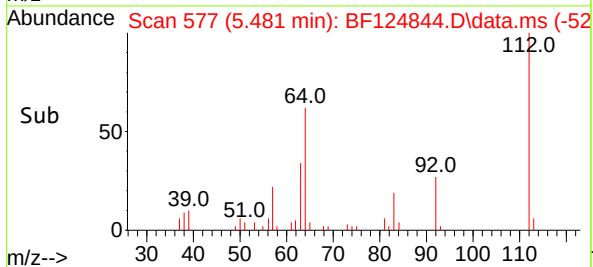
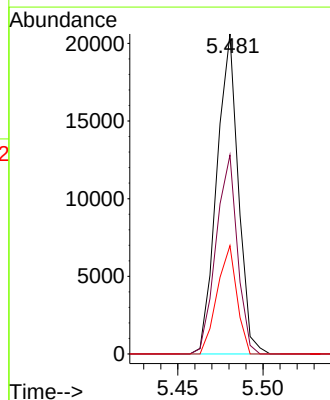
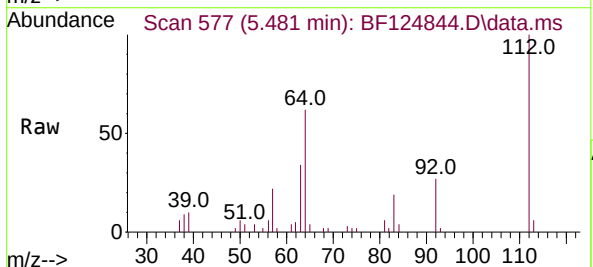
Instrument :
BNA_F
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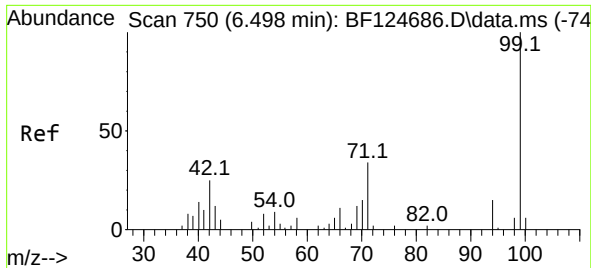
Tgt Ion:152 Resp: 6692
Ion Ratio Lower Upper
152 100
150 147.1 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 45.82 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

Tgt Ion:112 Resp: 18111
Ion Ratio Lower Upper
112 100
64 62.2 44.2 66.2
63 33.8 26.2 39.2

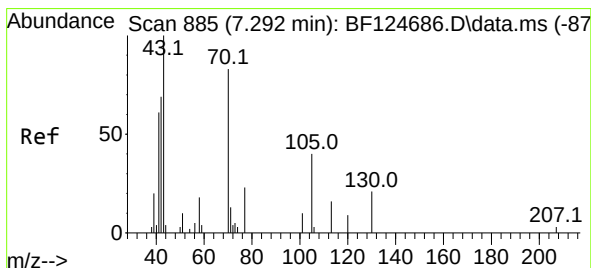
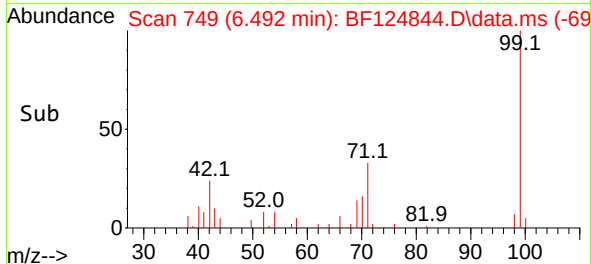
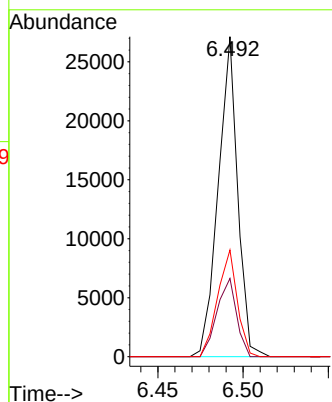
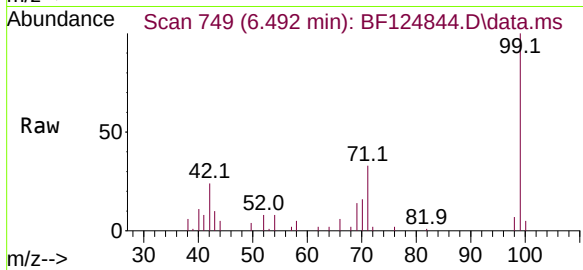




#7
Phenol-d6
Concen: 43.47 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

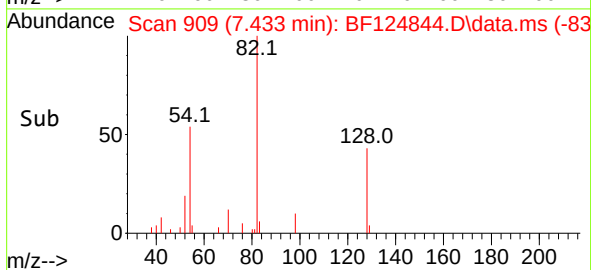
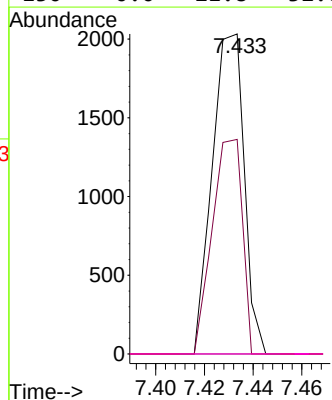
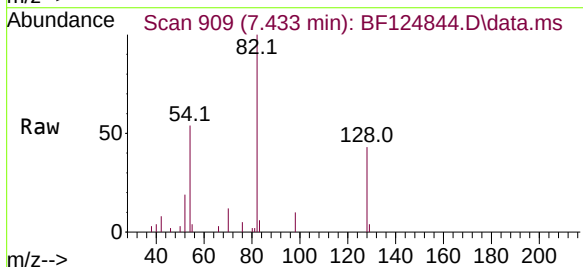
Instrument :
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ClientSampleId :
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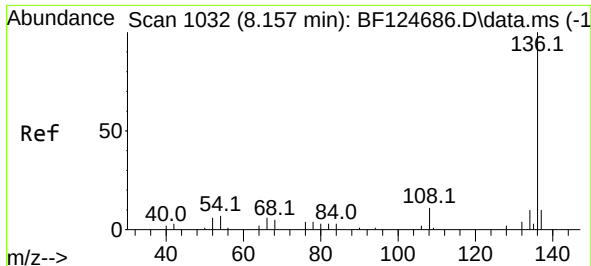
Tgt Ion:	99	Resp:	21541
Ion	Ratio	Lower	Upper
99	100		
42	24.5	23.5	35.3
71	33.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 7.02 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

Tgt Ion:	70	Resp:	1857
Ion	Ratio	Lower	Upper
70	100		
42	67.0	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

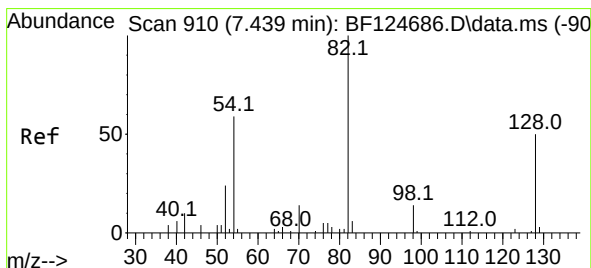
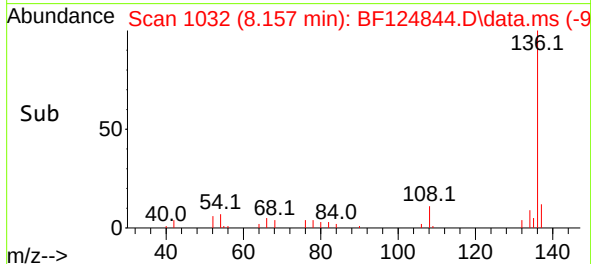
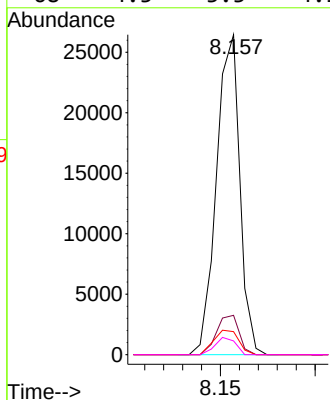
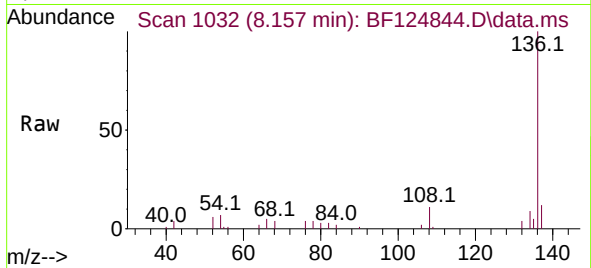




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

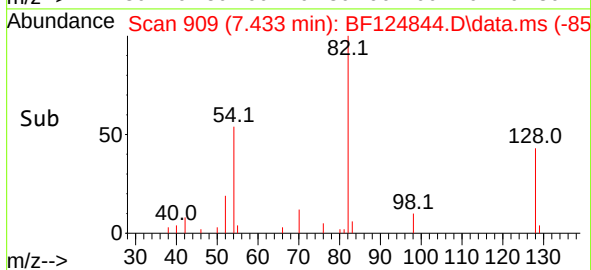
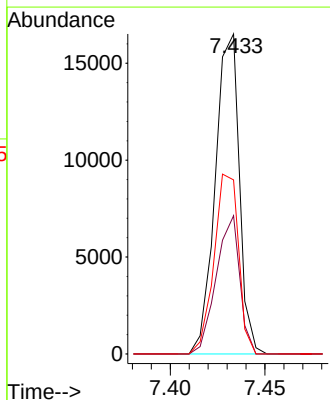
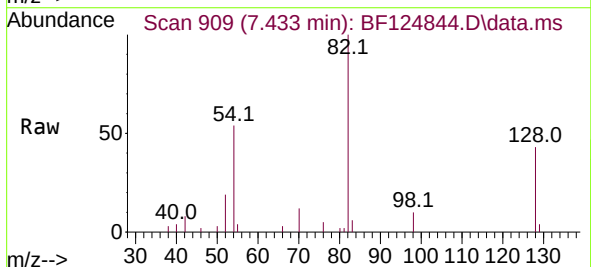
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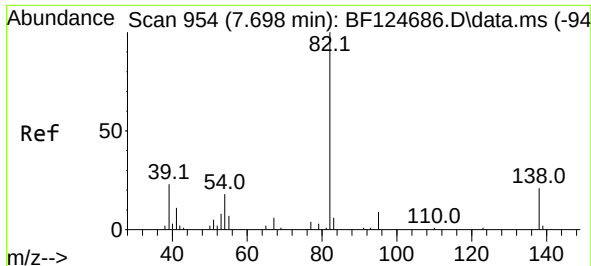
Tgt Ion:	136	Resp:	22678
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.8	14.6
54	7.2	6.4	9.6
68	4.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 38.33 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

Tgt Ion:	82	Resp:	14605
Ion	Ratio	Lower	Upper
82	100		
128	43.2	40.6	60.8
54	54.4	49.6	74.4

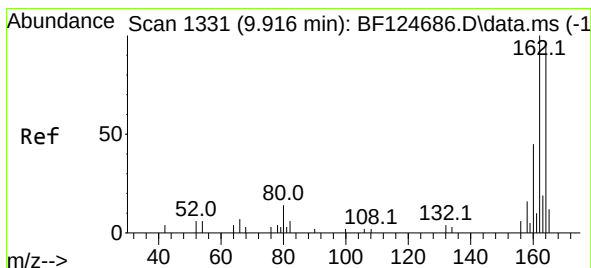
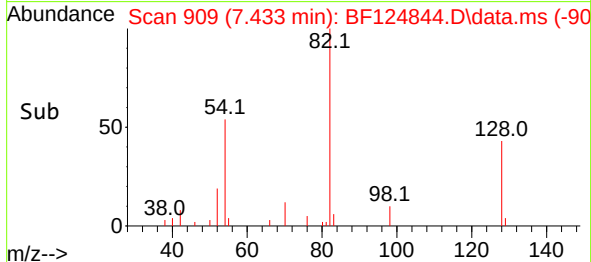
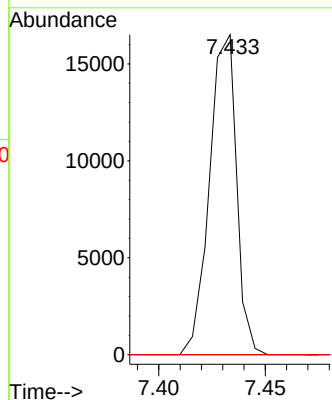
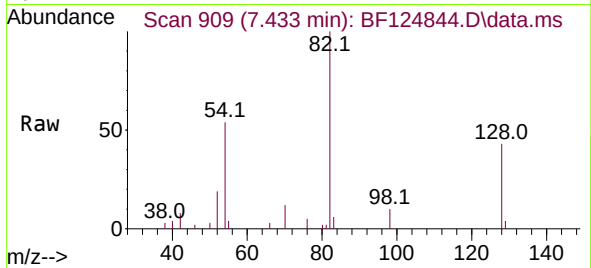




#25
Isophorone
Concen: 21.68 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

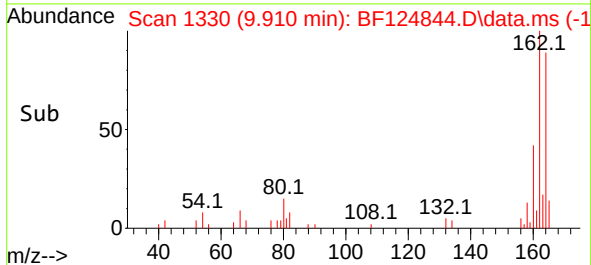
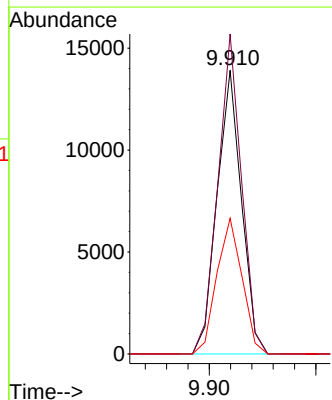
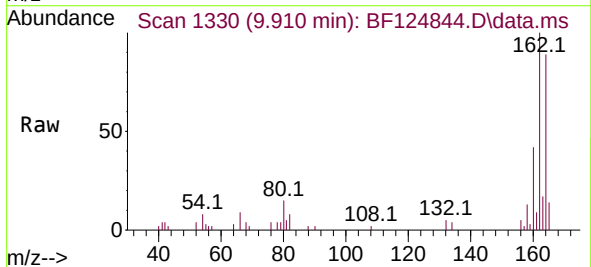
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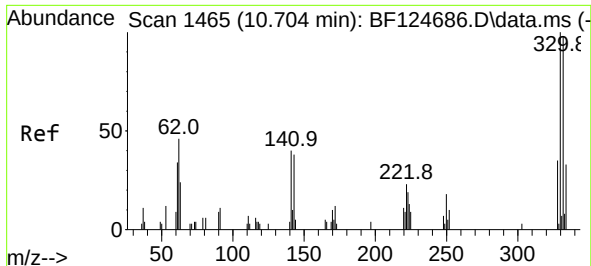
Tgt Ion: 82 Resp: 14605
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

Tgt Ion:164 Resp: 11063
Ion Ratio Lower Upper
164 100
162 112.8 81.3 121.9
160 47.8 38.0 57.0

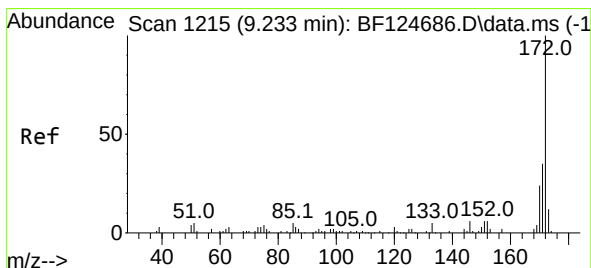
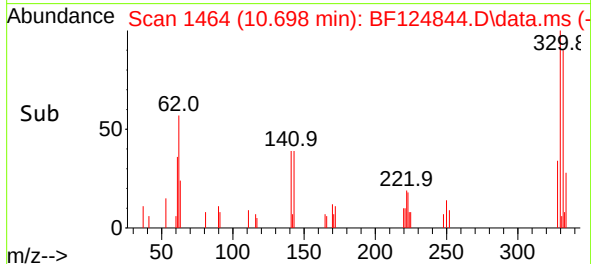
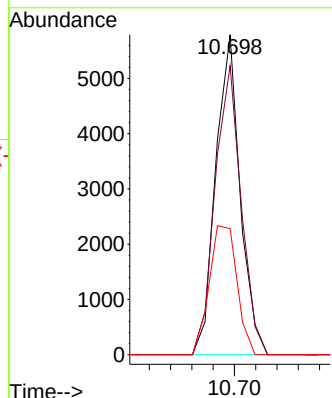
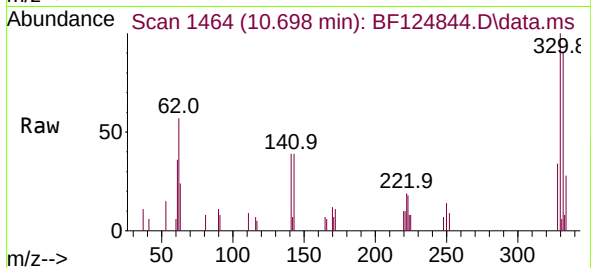




#42
2,4,6-Tribromophenol
Concen: 48.42 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

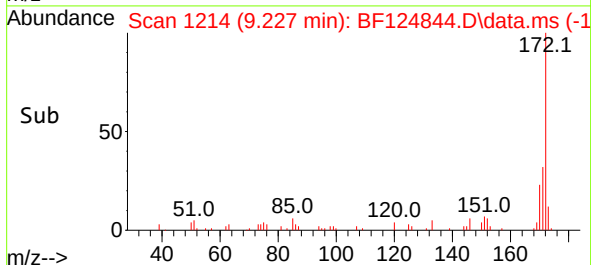
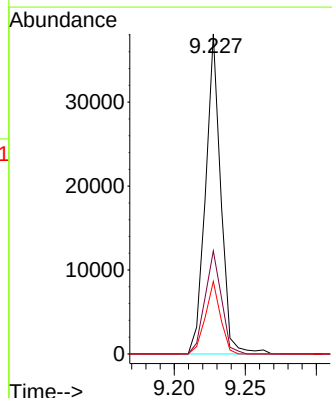
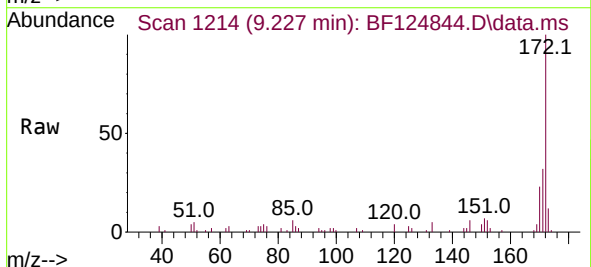
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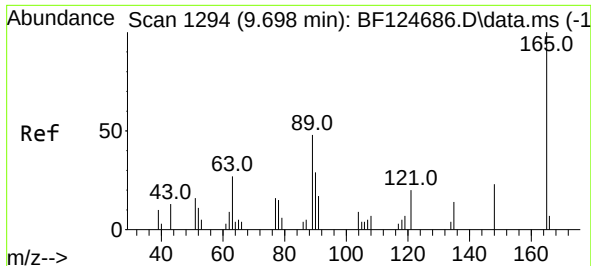
Tgt Ion:330 Resp: 4599
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 45.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 37.89 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

Tgt Ion:172 Resp: 28540
Ion Ratio Lower Upper
172 100
171 32.2 26.5 39.7
170 22.7 18.8 28.2

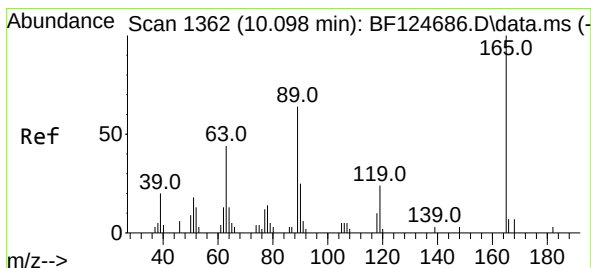
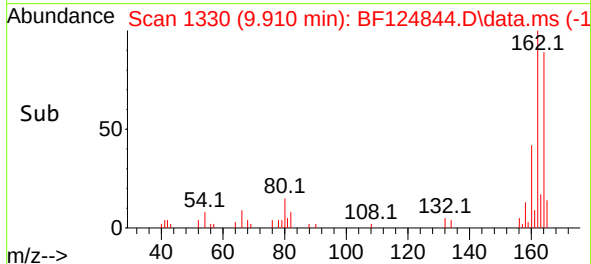
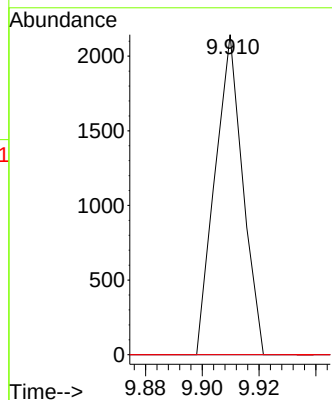
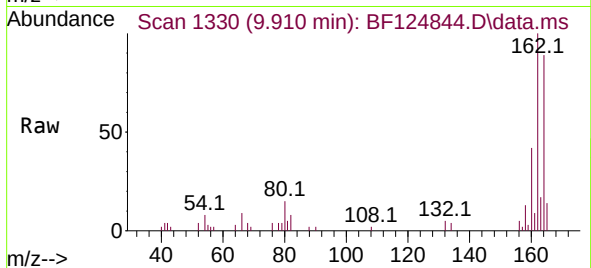




#51
2,6-Dinitrotoluene
Concen: 8.63 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

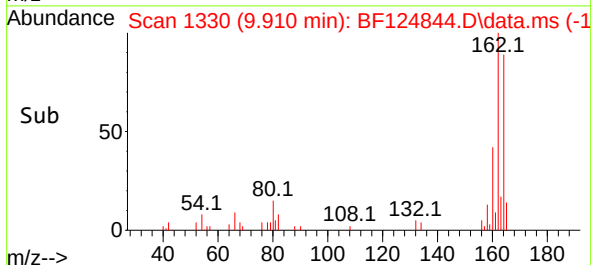
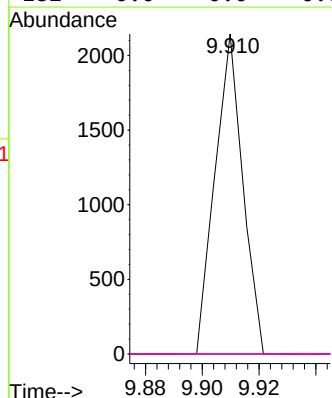
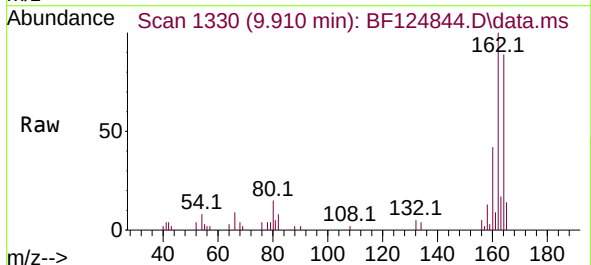
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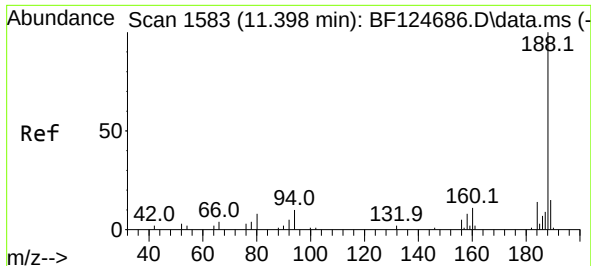
Tgt Ion:165 Resp: 1452
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

Tgt Ion:165 Resp: 1452
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

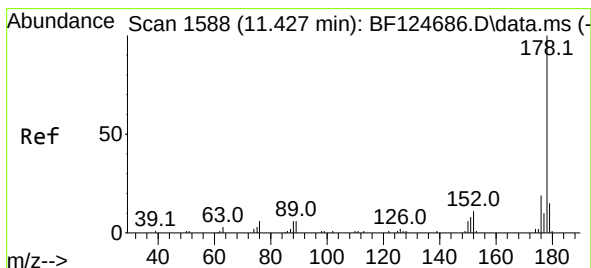
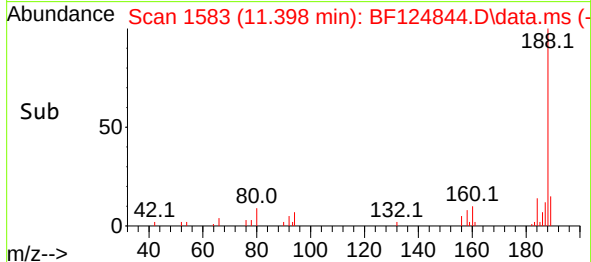
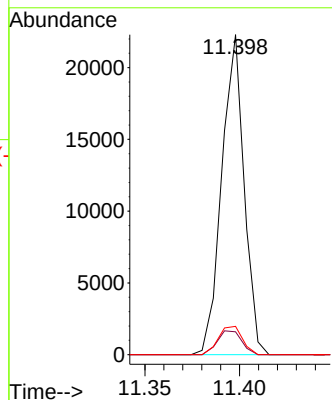
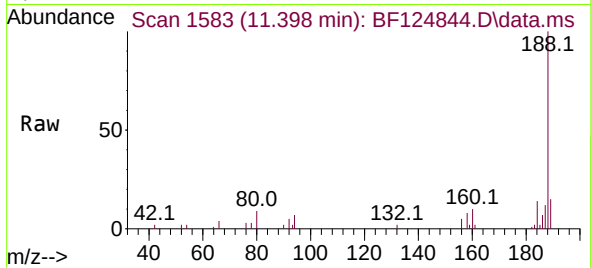




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

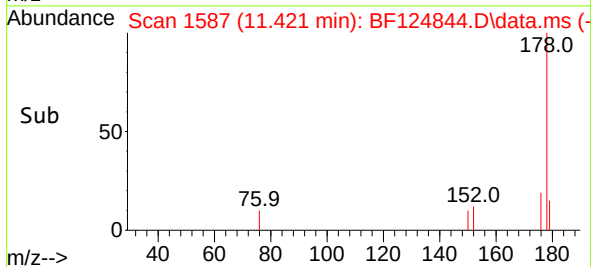
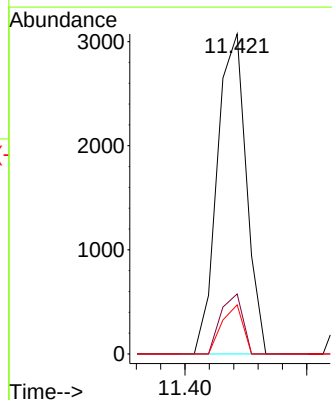
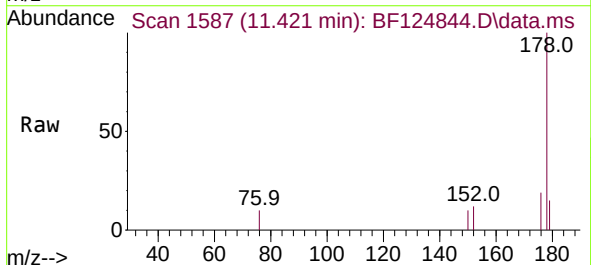
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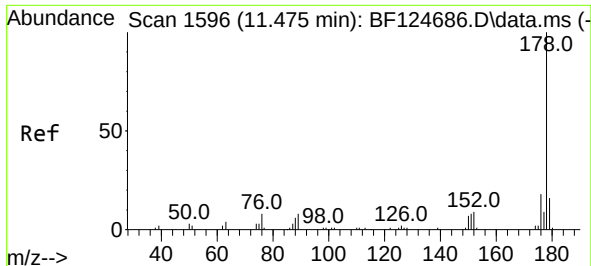
Tgt Ion:188 Resp: 18273
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.9 7.5 11.3



#71
Phenanthrene
Concen: 2.60 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

Tgt Ion:178 Resp: 2552
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.4 11.5 17.3

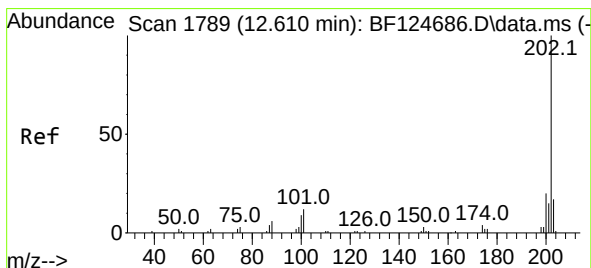
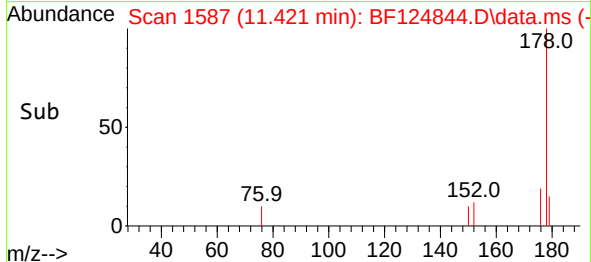
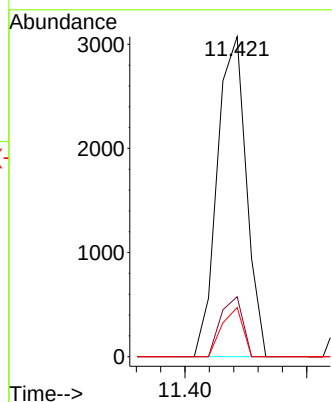
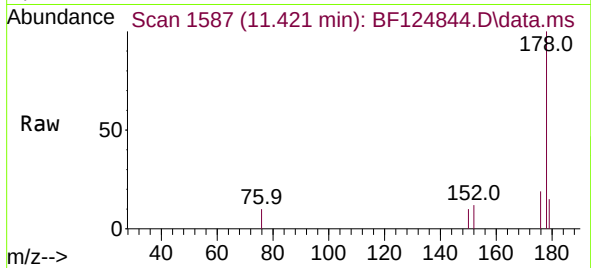




#72
 Anthracene
 Concen: 2.60 ng
 RT: 11.421 min Scan# 1587
 Delta R.T. -0.053 min
 Lab File: BF124844.D
 Acq: 29 Jul 2021 00:17

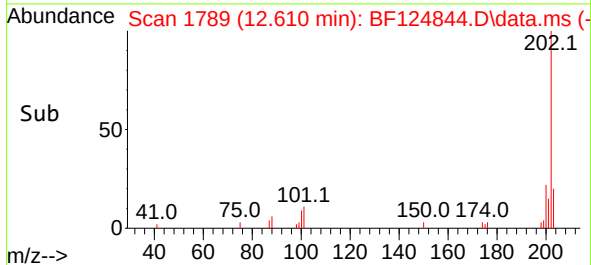
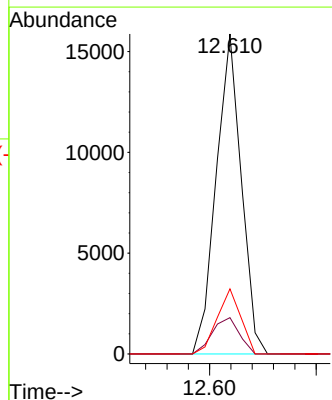
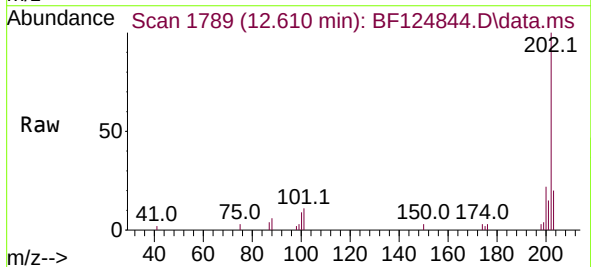
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-072721

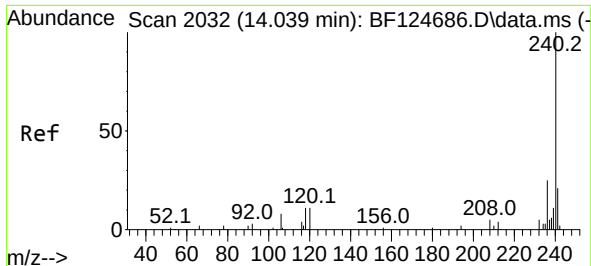
Tgt Ion:178 Resp: 2552
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.3 21.5
 179 15.4 12.2 18.4



#75
 Fluoranthene
 Concen: 12.93 ng
 RT: 12.610 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: BF124844.D
 Acq: 29 Jul 2021 00:17

Tgt Ion:202 Resp: 12969
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.7
 203 20.4 0.0 36.3

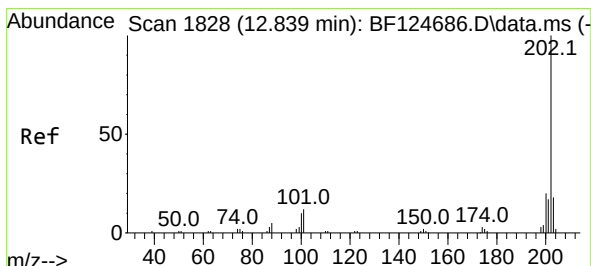
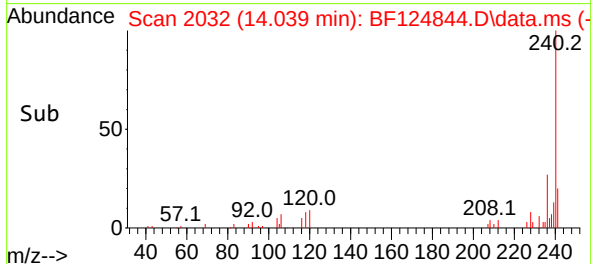
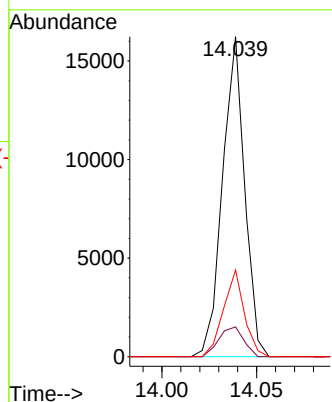
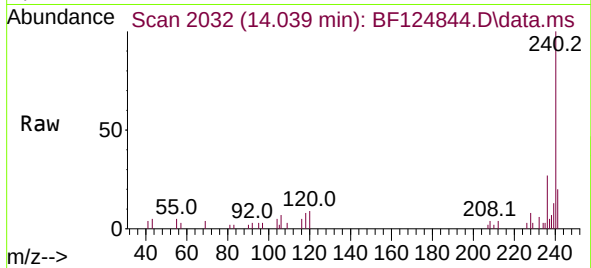




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

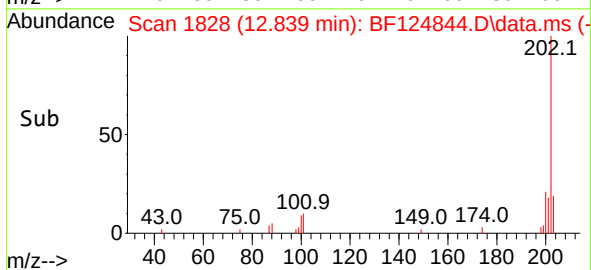
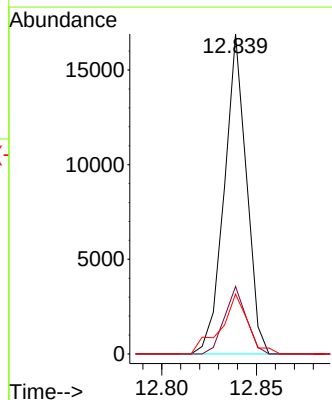
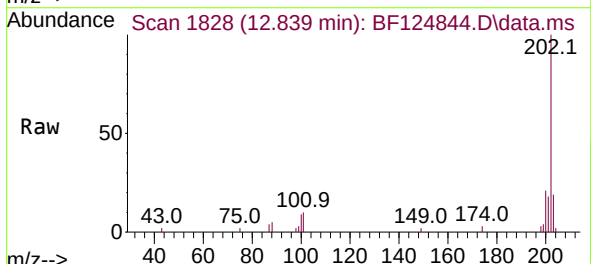
Instrument :
BNA_F
ClientSampleId :
EO-01-072721

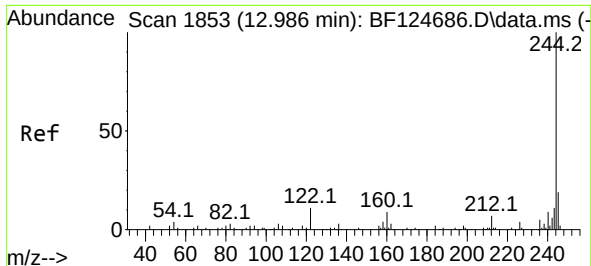
Tgt Ion:240 Resp: 13190
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 27.1 21.6 32.4



#78
Pyrene
Concen: 13.18 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

Tgt Ion:202 Resp: 13758
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 18.7 13.4 20.0

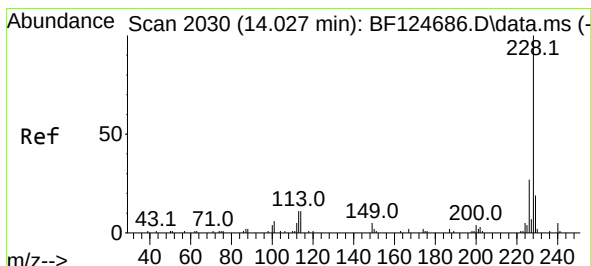
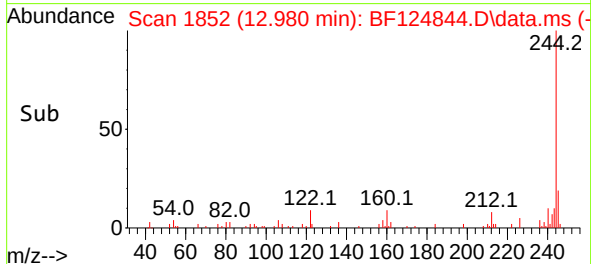
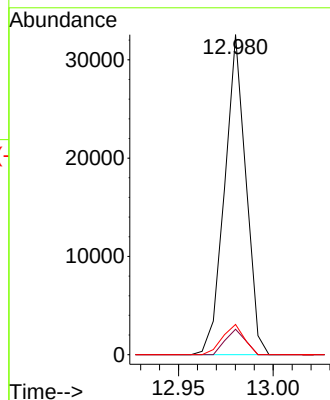
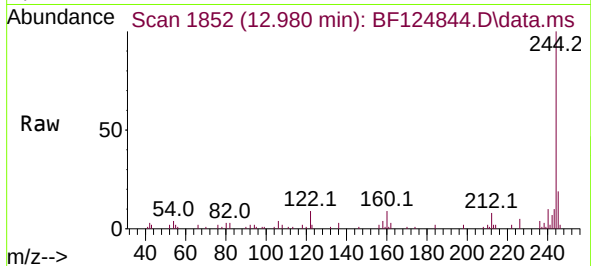




#79
 Terphenyl-d14
 Concen: 33.04 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124844.D
 Acq: 29 Jul 2021 00:17

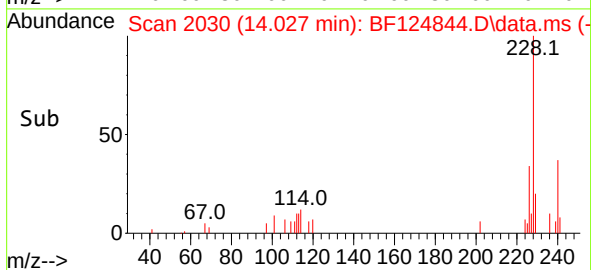
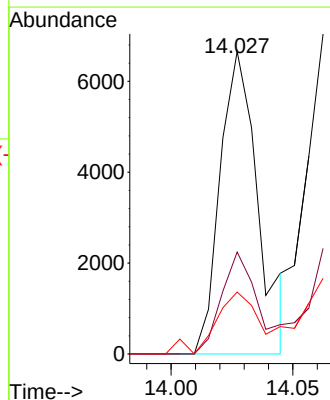
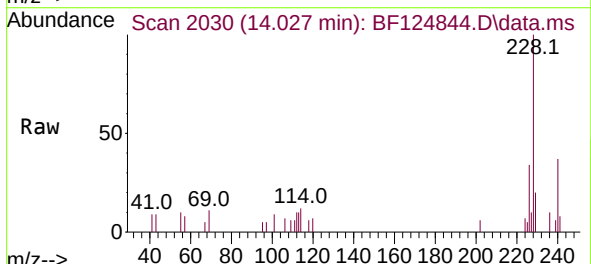
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-072721

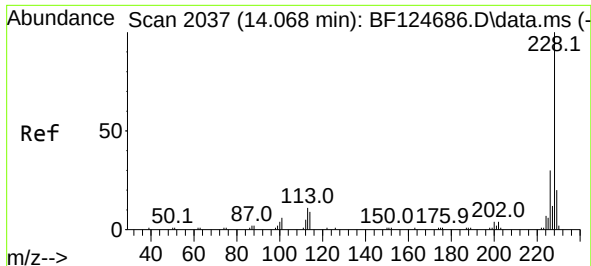
Tgt Ion:244	Resp:	25426
Ion Ratio	Lower	Upper
244	100	
212	7.9	5.9 8.9
122	9.4	9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 8.37 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: BF124844.D
 Acq: 29 Jul 2021 00:17

Tgt Ion:228	Resp:	7216
Ion Ratio	Lower	Upper
228	100	
226	33.7	21.6 32.4#
229	20.5	15.6 23.4

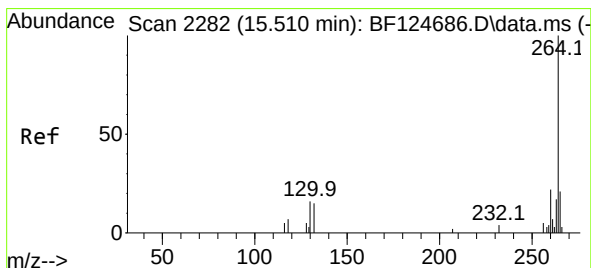
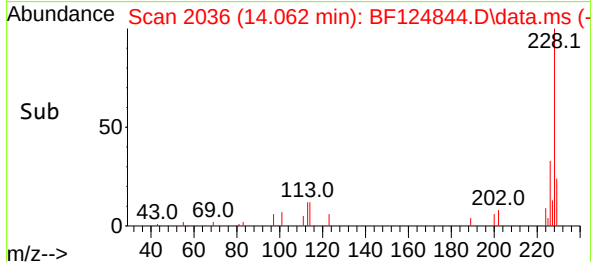
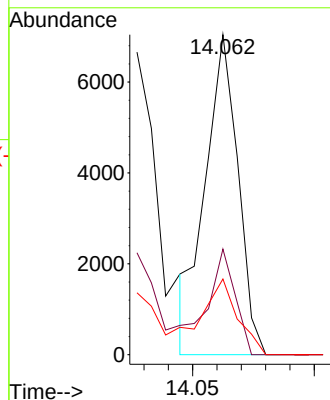
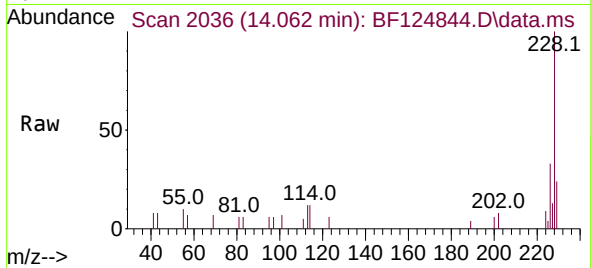




#83
Chrysene
Concen: 7.87 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

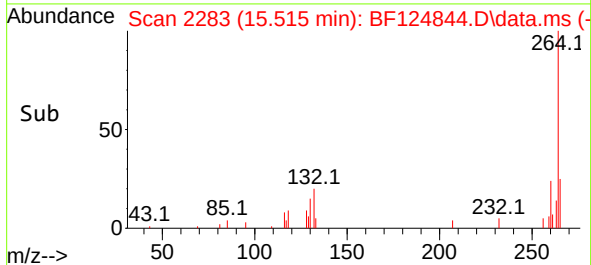
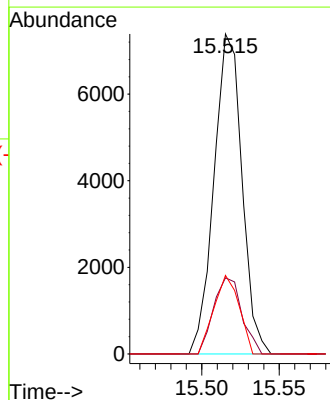
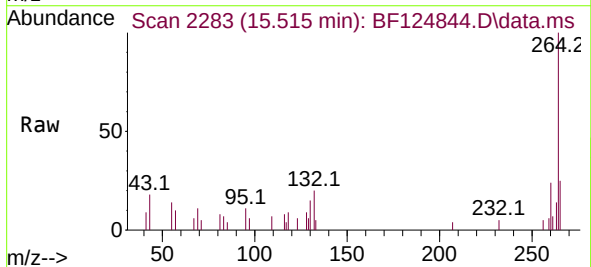
Instrument :
BNA_F
ClientSampleId :
EO-01-072721

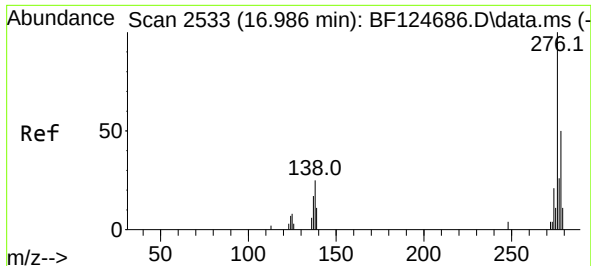
Tgt Ion:228	Resp: 6538
Ion Ratio	Lower Upper
228 100	
226 33.0	22.6 34.0
229 23.7	15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

Tgt Ion:264	Resp: 9267
Ion Ratio	Lower Upper
264 100	
260 23.8	19.6 29.4
265 24.5	17.2 25.8

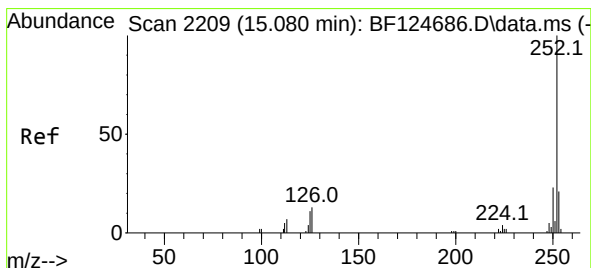
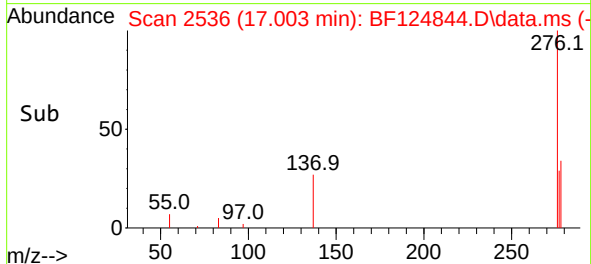
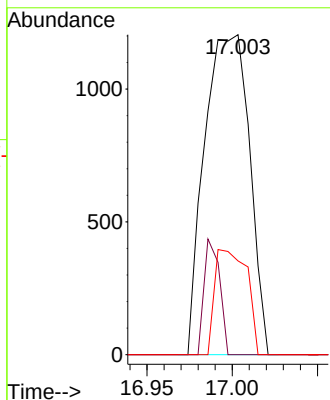
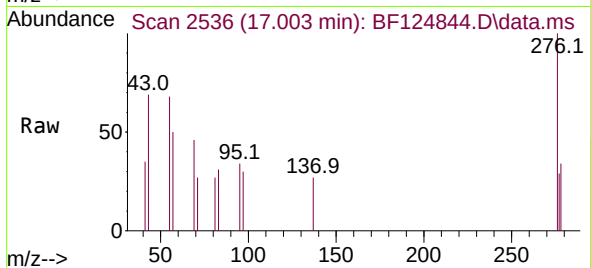




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.13 ng
RT: 17.003 min Scan# 2536
Delta R.T. 0.017 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

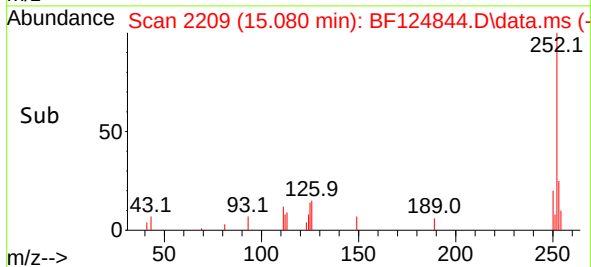
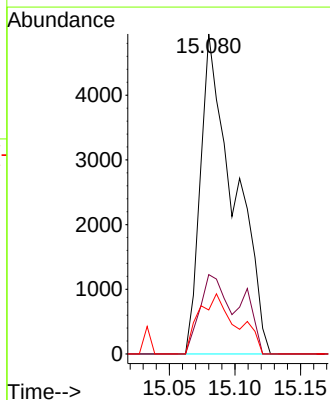
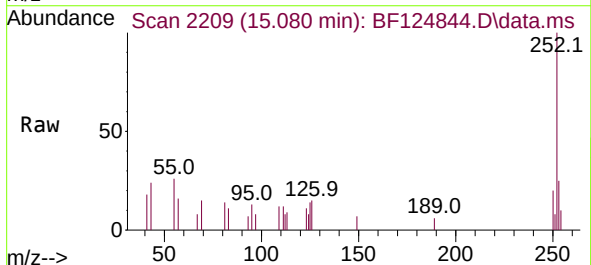
Instrument :
BNA_F
ClientSampleId :
EO-01-072721

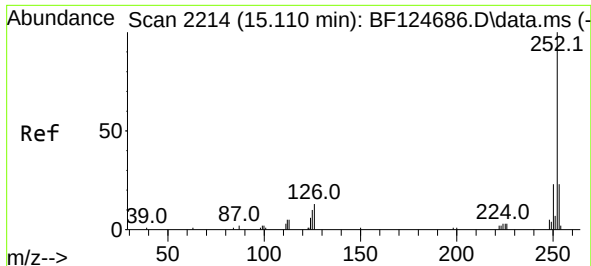
Tgt Ion:276 Resp: 2210
Ion Ratio Lower Upper
276 100
138 12.5 24.1 36.1#
277 23.4 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 13.51 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BF124844.D
Acq: 29 Jul 2021 00:17

Tgt Ion:252 Resp: 8817
Ion Ratio Lower Upper
252 100
253 24.8 16.8 25.2
125 13.8 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 14.79 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.030 min

Lab File: BF124844.D

Acq: 29 Jul 2021 00:17

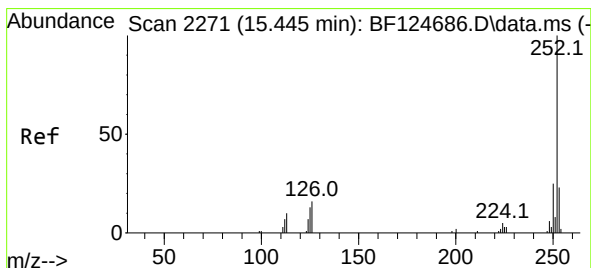
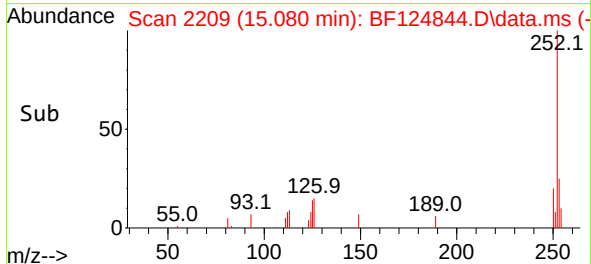
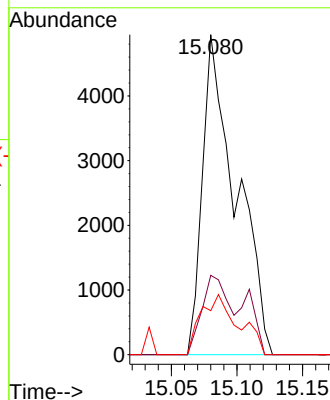
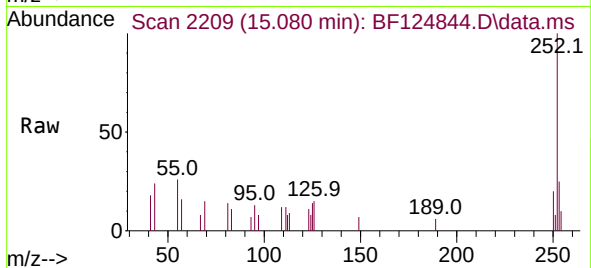
Instrument :

BNA_F

ClientSampleId :

EO-01-072721

Tgt Ion:252	Resp:	8817
Ion Ratio	Lower	Upper
252	100	
253	24.8	17.8 26.8
125	13.8	7.2 10.8#



#90

Benzo(a)pyrene

Concen: 8.28 ng

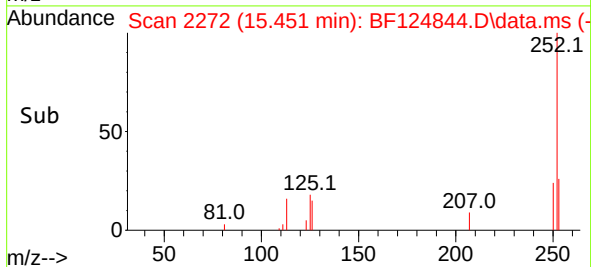
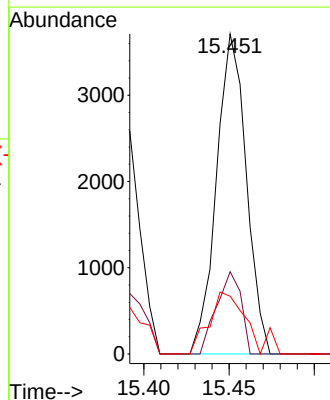
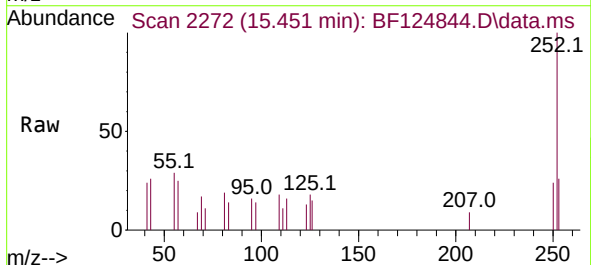
RT: 15.451 min Scan# 2272

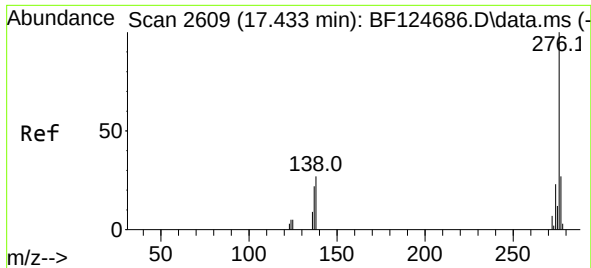
Delta R.T. 0.006 min

Lab File: BF124844.D

Acq: 29 Jul 2021 00:17

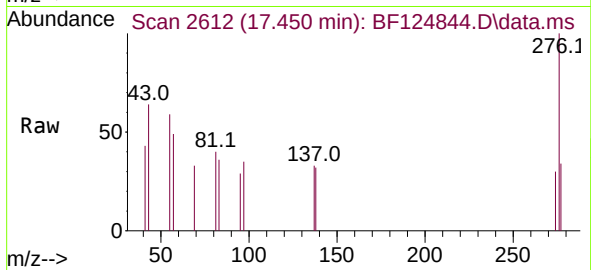
Tgt Ion:252	Resp:	4515
Ion Ratio	Lower	Upper
252	100	
253	25.7	18.4 27.6
125	18.1	9.9 14.9#





#92
 Benzo(g,h,i)perylene
 Concen: 4.81 ng
 RT: 17.450 min Scan# 2612
 Delta R.T. 0.017 min
 Lab File: BF124844.D
 Acq: 29 Jul 2021 00:17

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-072721



Tgt Ion:	276	Resp:	2135
Ion	Ratio	Lower	Upper
276	100		
277	34.4	22.0	33.0#
138	31.9	22.2	33.4

