

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124775.D
 Acq On : 26 Jul 2021 20:56
 Operator : JU/CG
 Sample : M3158-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE

Manual Integrations
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Quant Time: Jul 27 04:25:41 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	4897	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	18363	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	9120	20.000	ng	0.01
64) Phenanthrene-d10	11.416	188	12642	20.000	ng	# 0.02
76) Chrysene-d12	14.045	240	11997	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	9189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	36572	126.449	ng	0.01
7) Phenol-d6	6.498	99	41624	114.798	ng	0.00
23) Nitrobenzene-d5	7.439	82	27951	90.594	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	6666	85.130	ng	0.01
45) 2-Fluorobiphenyl	9.239	172	46854	75.457	ng	0.00
79) Terphenyl-d14	12.992	244	42911	61.312	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.180	128	4146	4.326	ng	# 64
37) 2-Methylnaphthalene	8.880	142	11112	17.354	ng	97
38) 1-Methylnaphthalene	8.980	142	13052	21.517	ng	87
46) 1,1'-Biphenyl	9.339	154	4217	6.195	ng	94
52) Acenaphthene	9.957	154	3110	5.645	ng	# 68
58) Fluorene	10.474	166	6789	11.241	ng	# 87
71) Phenanthrene	11.439	178	21905	32.216	ng	# 90
72) Anthracene	11.492	178	1670	2.457	ng	# 72
75) Fluoranthene	12.627	202	2205m	3.178	ng	
78) Pyrene	12.857	202	6136	6.461	ng	95

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

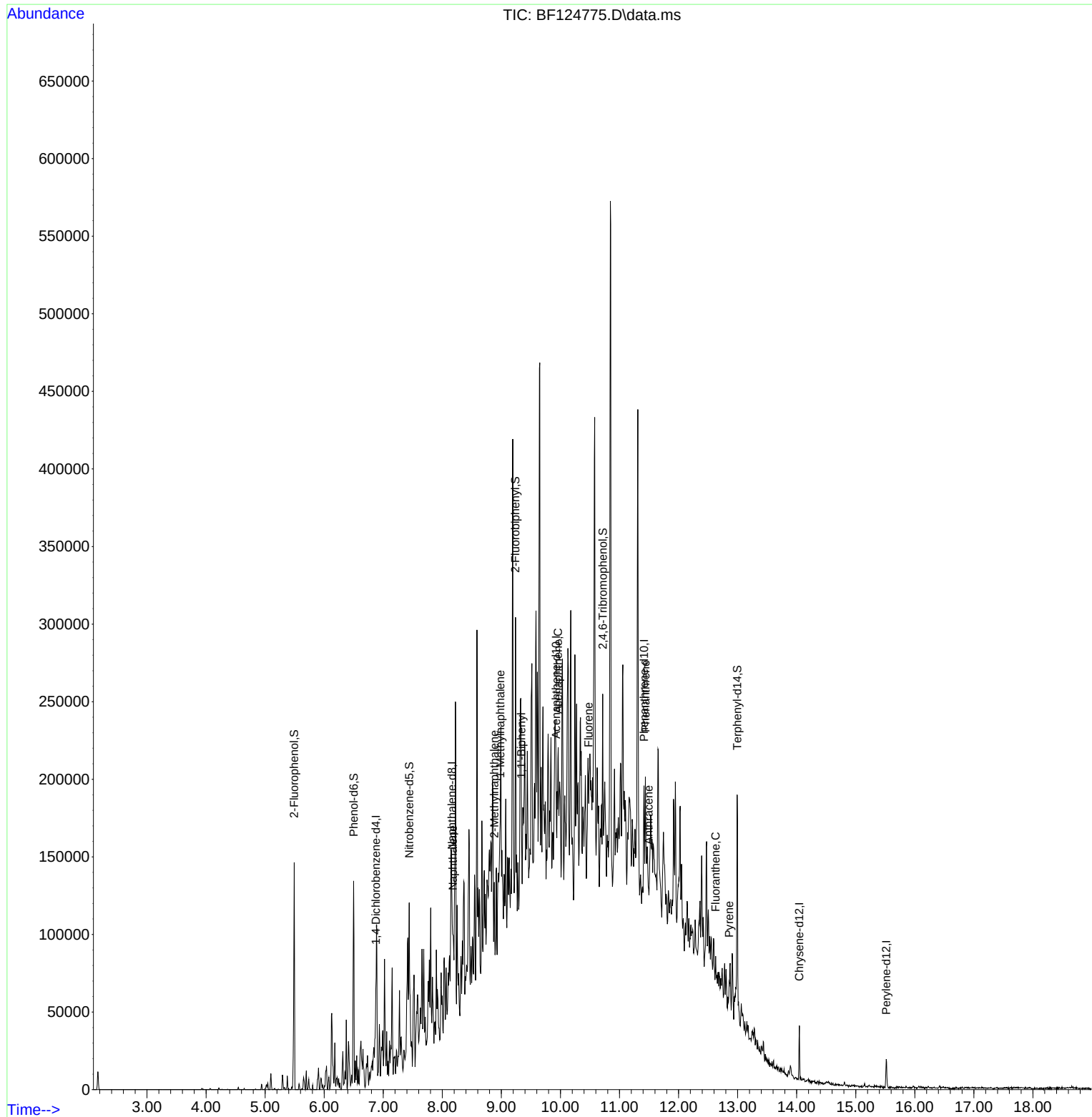
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
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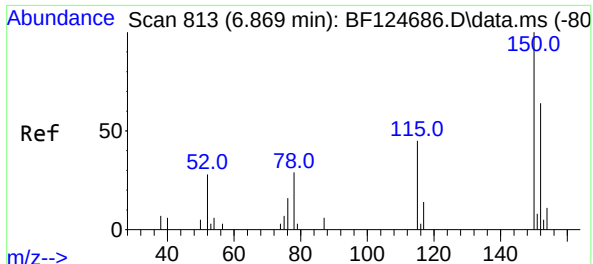
Instrument :
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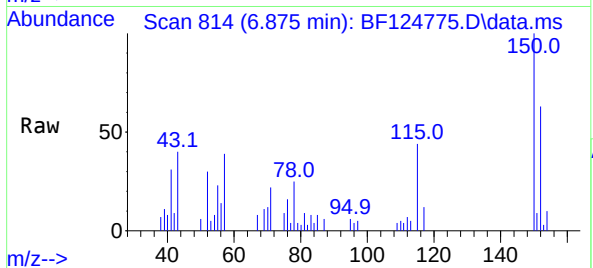
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Quant Time: Jul 27 04:25:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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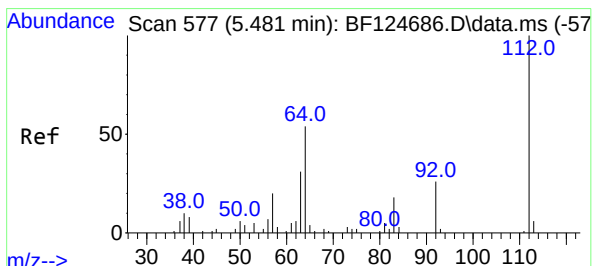
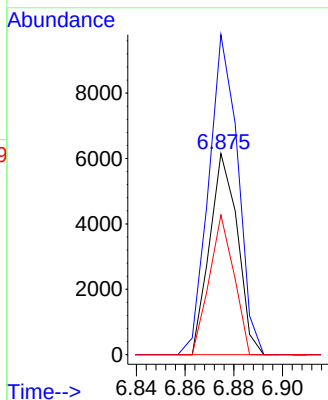
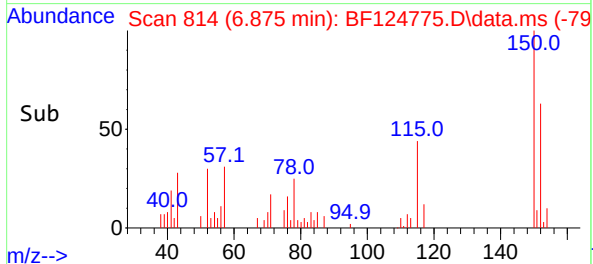




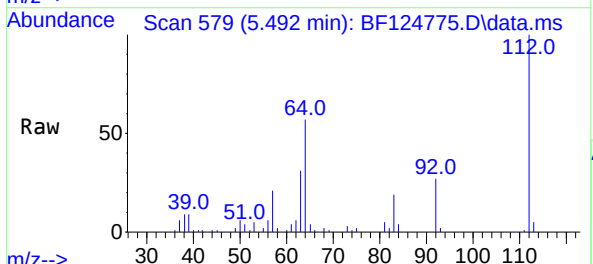
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56



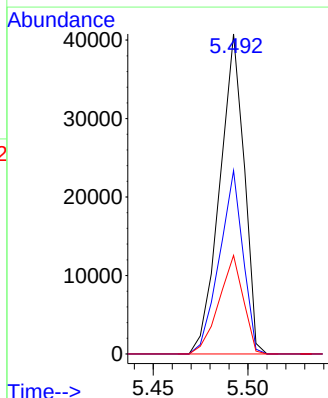
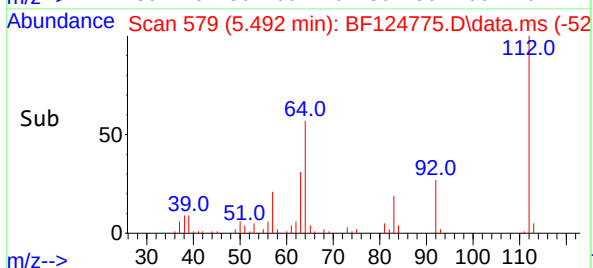
Tgt Ion:152 Resp: 4897
Ion Ratio Lower Upper
152 100
150 159.1 117.6 176.4
115 69.4 47.1 70.7



#5
2-Fluorophenol
Concen: 126.449 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56



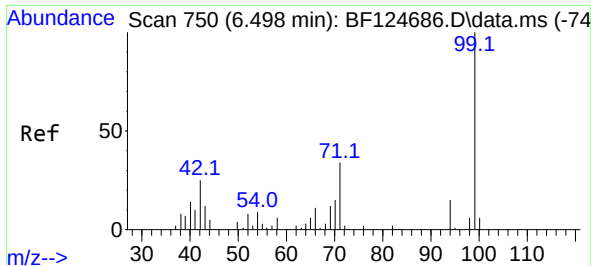
Tgt Ion:112 Resp: 36572
Ion Ratio Lower Upper
112 100
64 57.3 44.2 66.2
63 30.8 26.2 39.2



Instrument :
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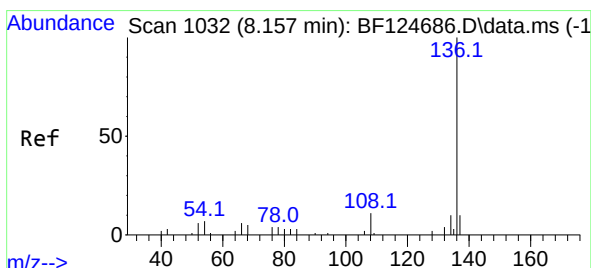
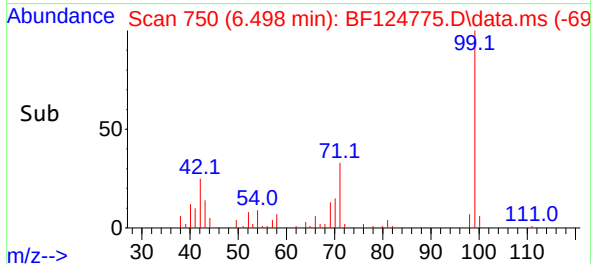
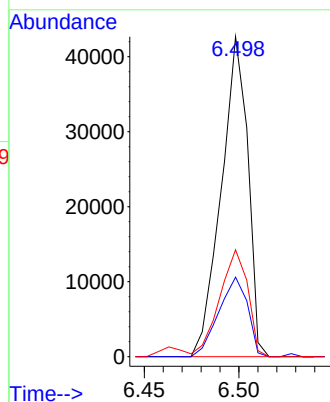
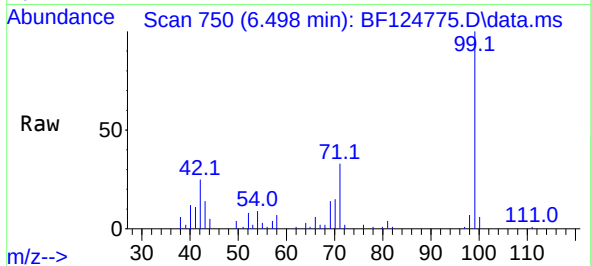
#7
Phenol-d6
Concen: 114.798 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion:	99	Resp:	41624
Ion	Ratio	Lower	Upper
99	100		
42	24.9	23.5	35.3
71	33.4	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
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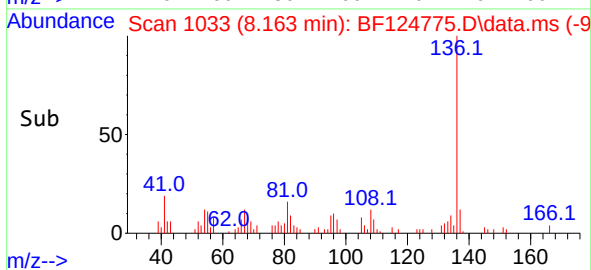
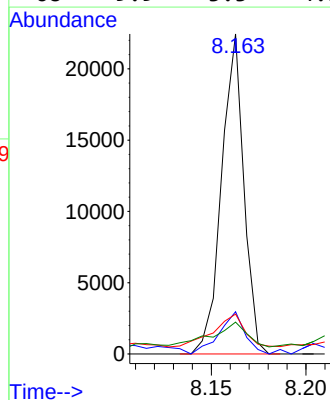
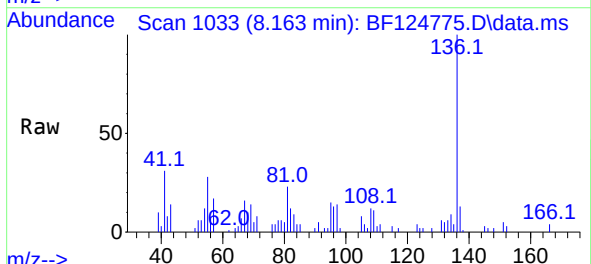
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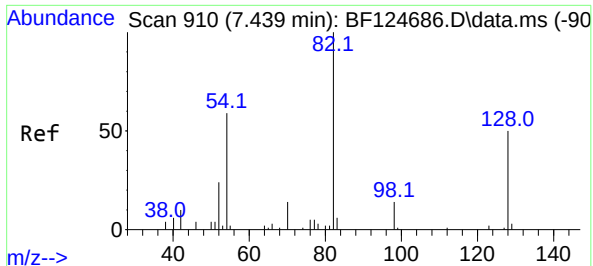
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion:	136	Resp:	18363
Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.8	14.6
54	12.5	6.4	9.6#
68	9.9	3.3	4.9#





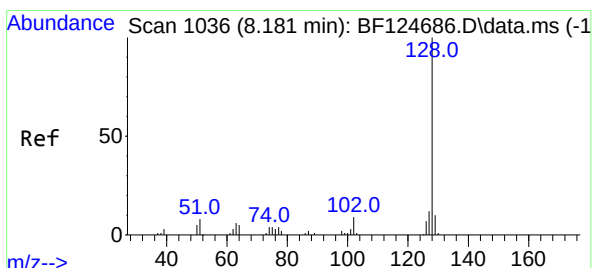
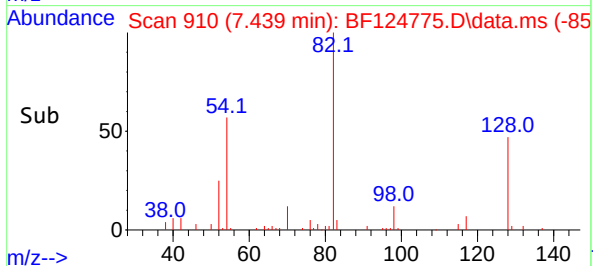
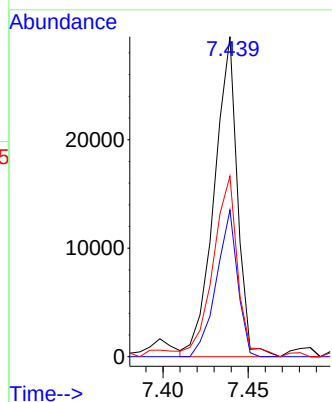
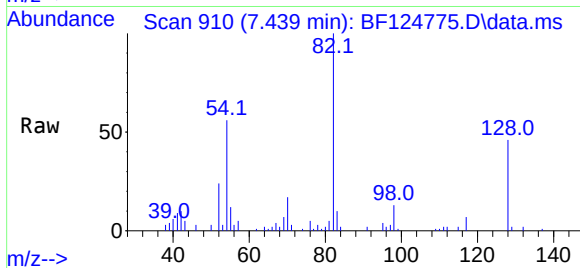
#23
Nitrobenzene-d5
Concen: 90.594 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion: 82 Resp: 27951
Ion Ratio Lower Upper
82 100
128 45.9 40.6 60.8
54 56.4 49.6 74.4

Instrument :
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ClientSampled :
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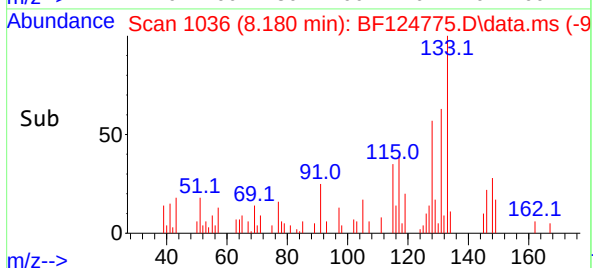
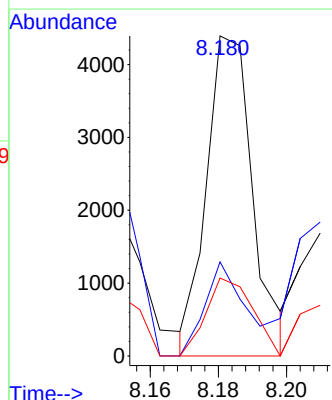
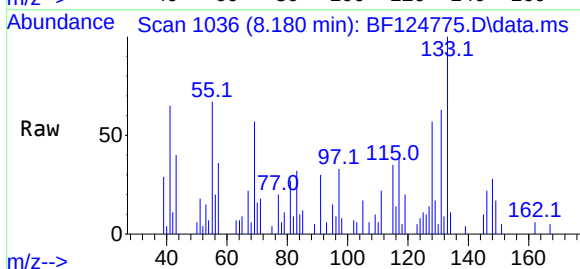
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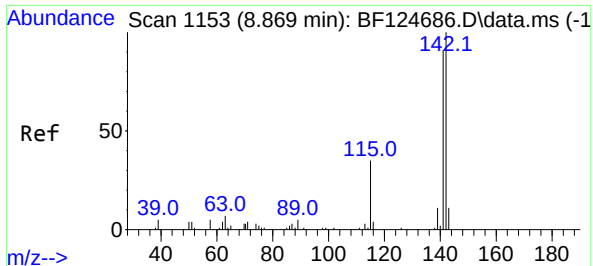
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#31
Naphthalene
Concen: 4.326 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion:128 Resp: 4146
Ion Ratio Lower Upper
128 100
129 29.4 9.4 14.0#
127 24.3 10.9 16.3#





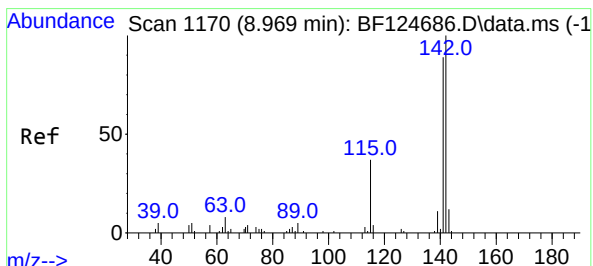
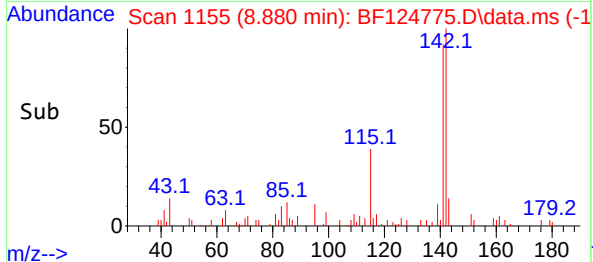
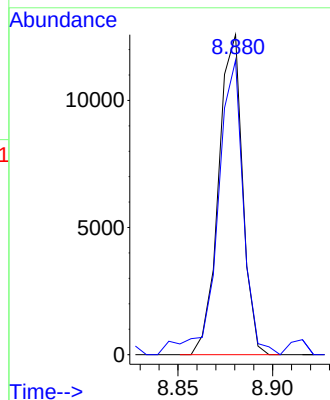
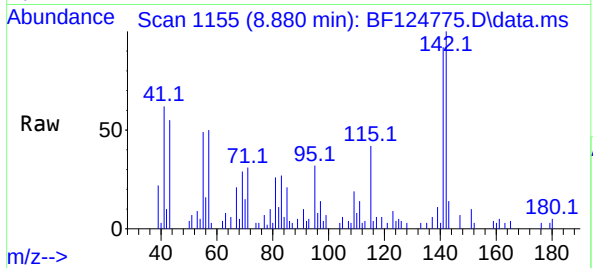
#37
2-Methylnaphthalene
Concen: 17.354 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.012 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Instrument :
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ClientSampled :
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Tgt Ion:142 Resp: 11112
Ion Ratio Lower Upper
142 100
141 92.0 71.2 106.8

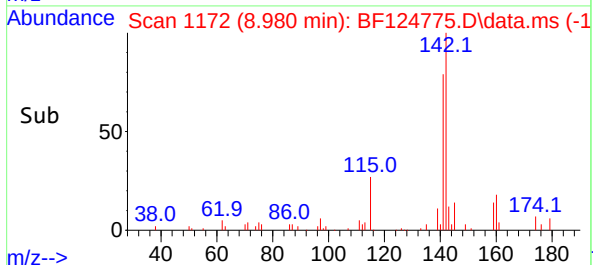
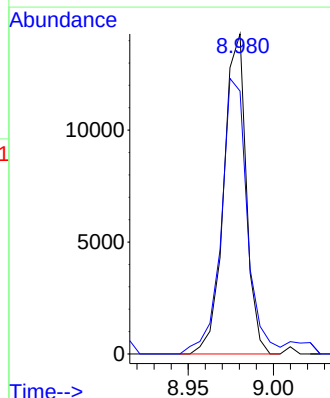
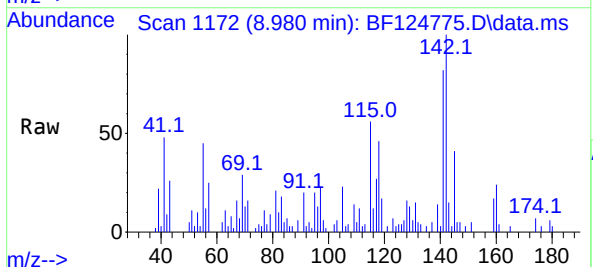
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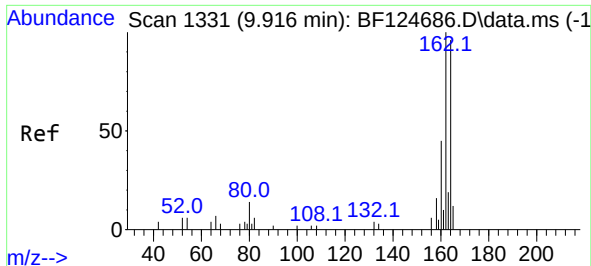
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#38
1-Methylnaphthalene
Concen: 21.517 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.012 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion:142 Resp: 13052
Ion Ratio Lower Upper
142 100
141 82.1 76.0 114.0





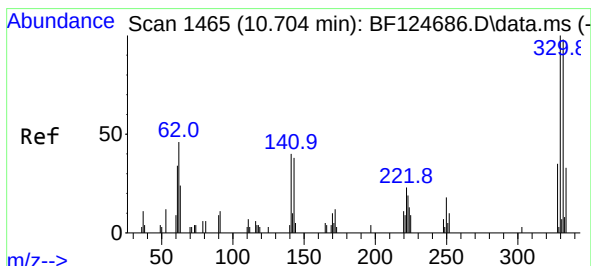
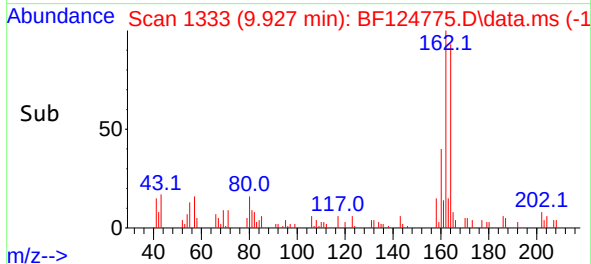
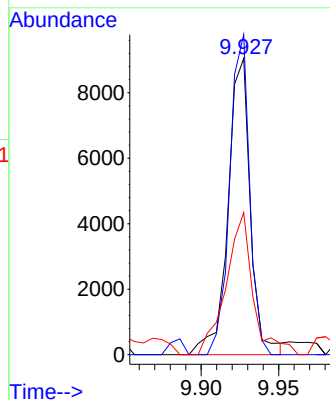
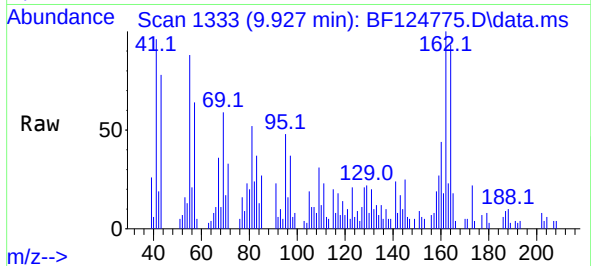
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion:164 Resp: 9120
Ion Ratio Lower Upper
164 100
162 108.0 81.3 121.9
160 48.0 38.0 57.0

Instrument :
BNA_F
ClientSampleId :
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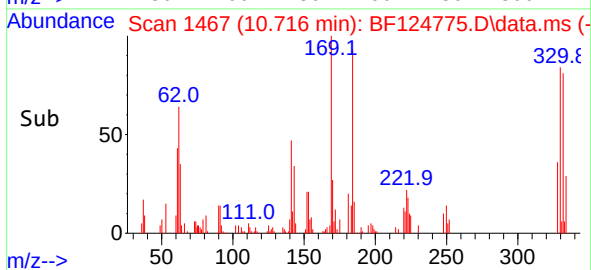
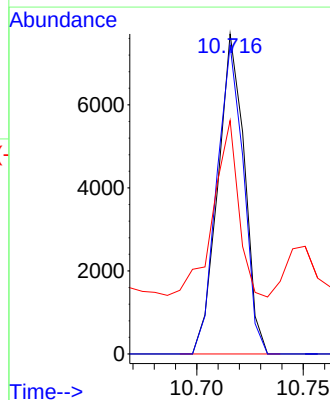
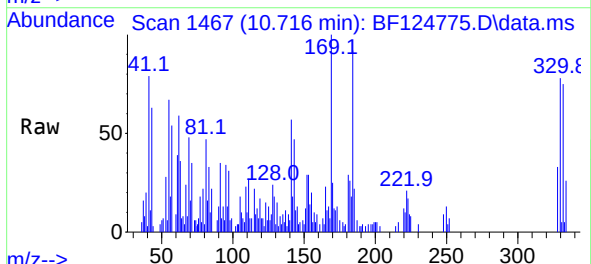
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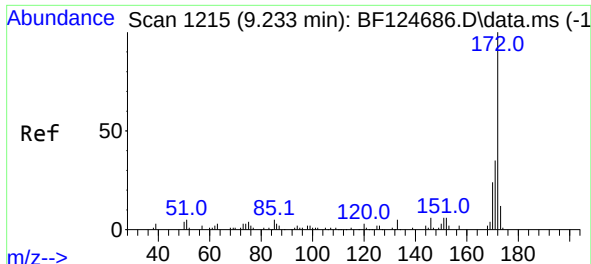
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#42
2,4,6-Tribromophenol
Concen: 85.130 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.012 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion:330 Resp: 6666
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 52.5 44.6 66.8





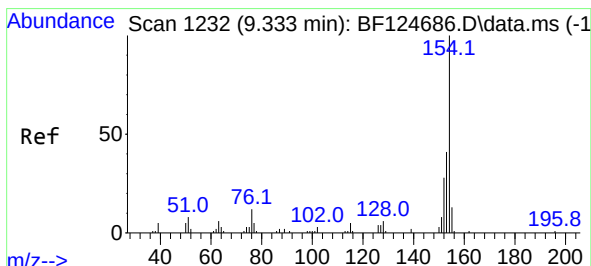
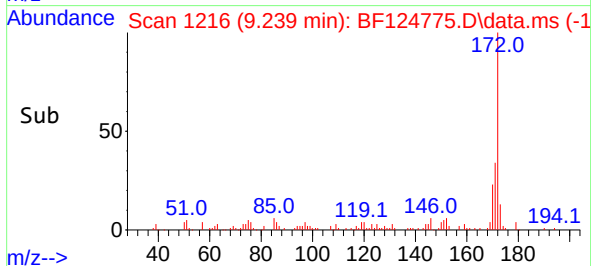
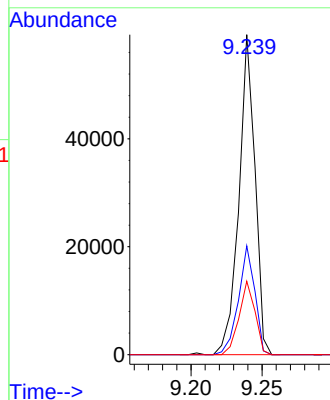
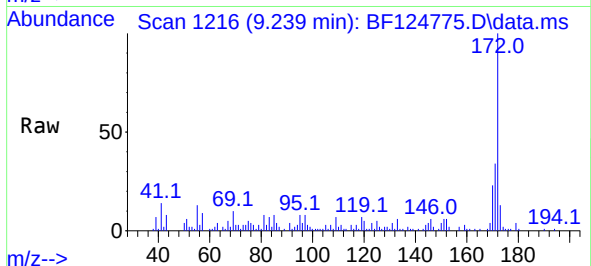
#45
2-Fluorobiphenyl
Concen: 75.457 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.006 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion:172 Resp: 46854
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 22.9 18.8 28.2

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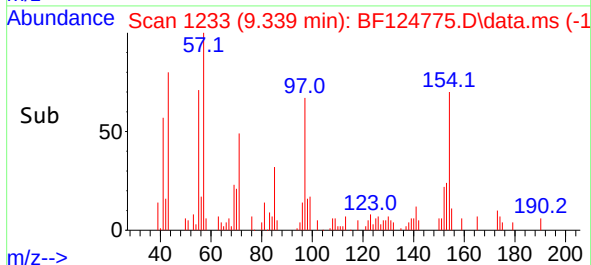
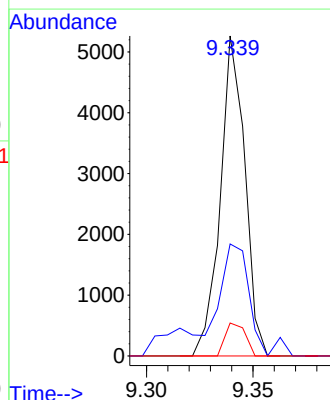
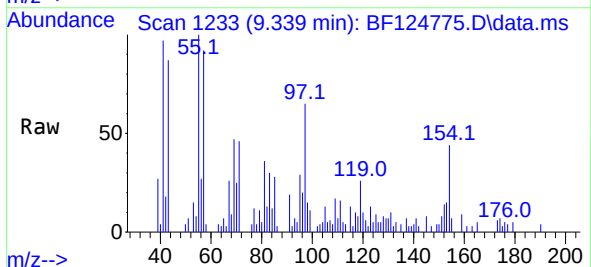
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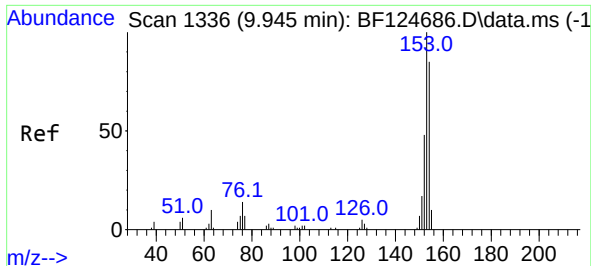
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#46
1,1'-Biphenyl
Concen: 6.195 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion:154 Resp: 4217
Ion Ratio Lower Upper
154 100
153 35.0 20.0 60.0
76 10.3 0.0 30.3





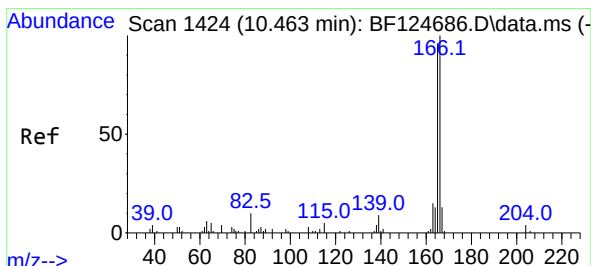
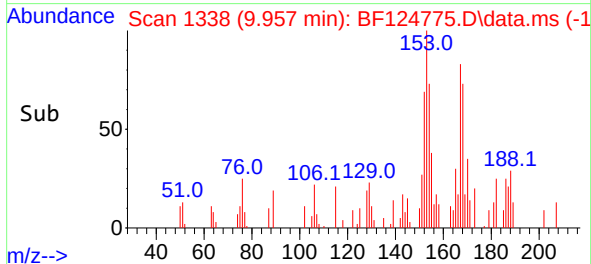
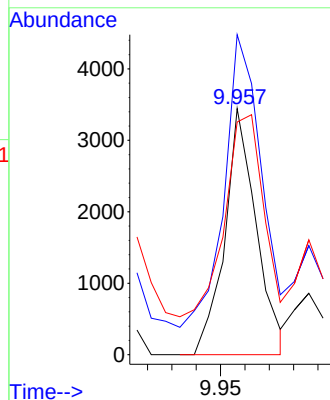
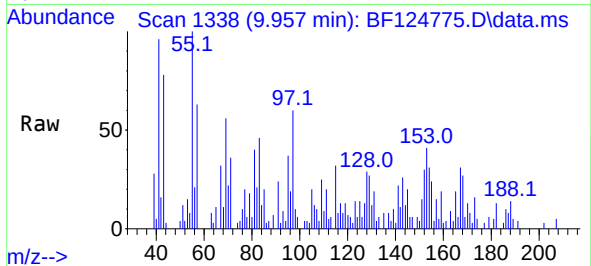
#52
Acenaphthene
Concen: 5.645 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion:154 Resp: 3110
Ion Ratio Lower Upper
154 100
153 130.1 89.4 134.2
152 94.6 40.5 60.7#

Instrument :
BNA_F
ClientSampled :
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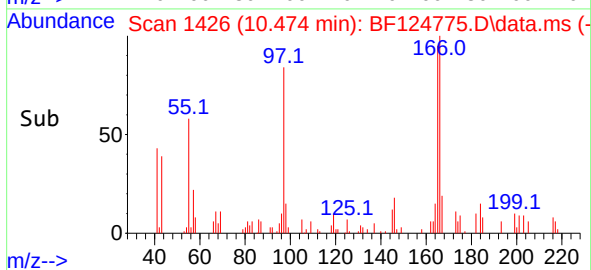
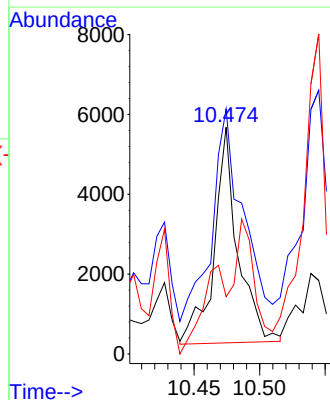
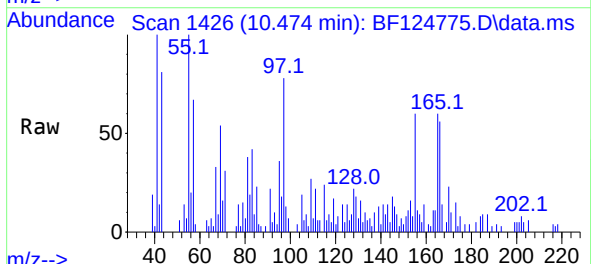
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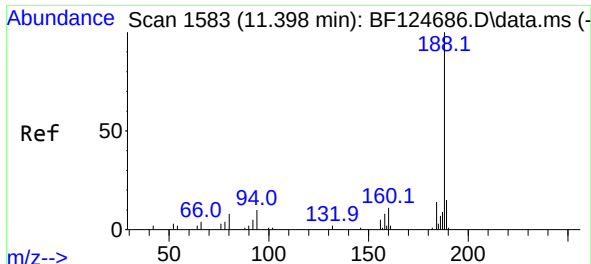
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#58
Fluorene
Concen: 11.241 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

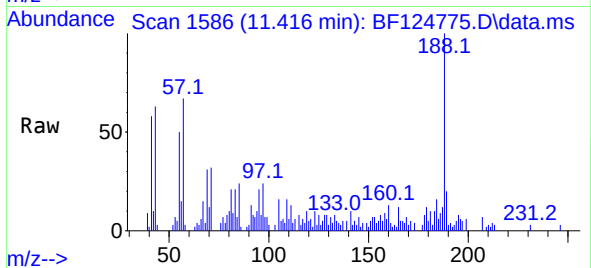
Tgt Ion:166 Resp: 6789
Ion Ratio Lower Upper
166 100
165 108.2 78.1 117.1
167 25.3 11.1 16.7#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.018 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

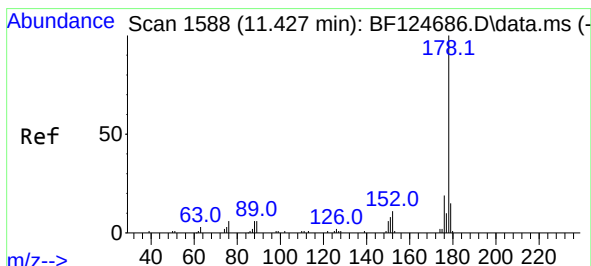
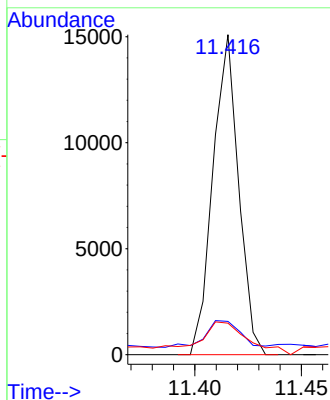
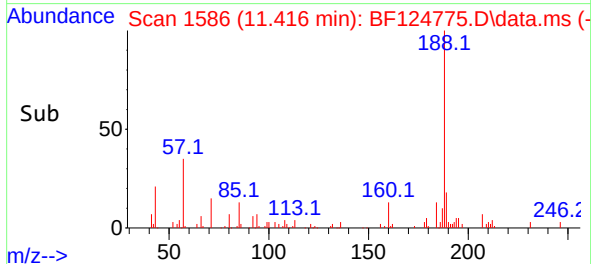
Instrument :
BNA_F
ClientSampleId :
WASTE



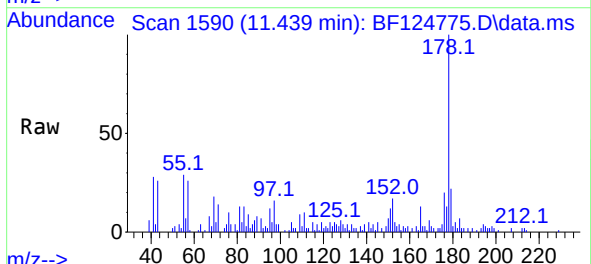
Tgt Ion:188 Resp: 12642
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 9.8 7.5 11.3

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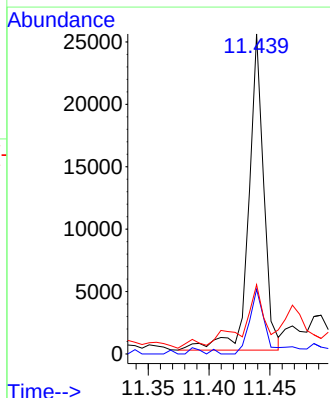
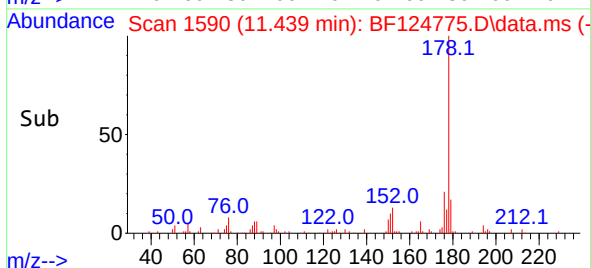
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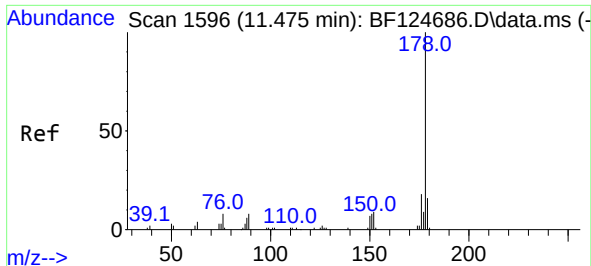


#71
Phenanthrene
Concen: 32.216 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.012 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56



Tgt Ion:178 Resp: 21905
Ion Ratio Lower Upper
178 100
176 20.2 14.7 22.1
179 21.6 11.5 17.3#





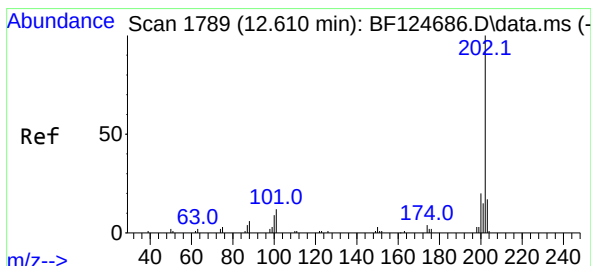
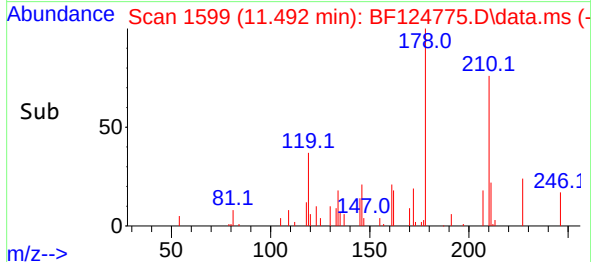
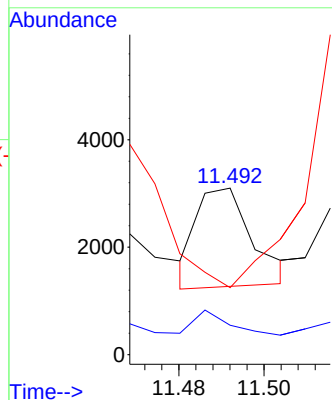
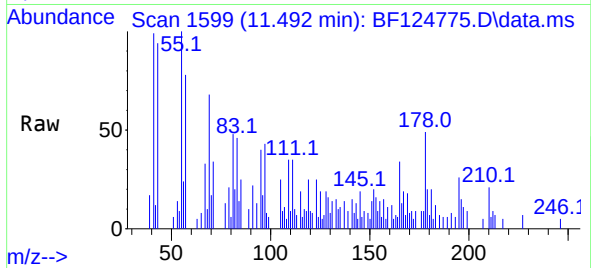
#72
 Anthracene
 Concen: 2.457 ng
 RT: 11.492 min Scan# 1599
 Delta R.T. 0.018 min
 Lab File: BF124775.D
 Acq: 26 Jul 2021 20:56

Tgt Ion:178 Resp: 1670
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.3 21.5
 179 40.3 12.2 18.4#

Instrument :
 BNA_F
 ClientSampled :
 WASTE

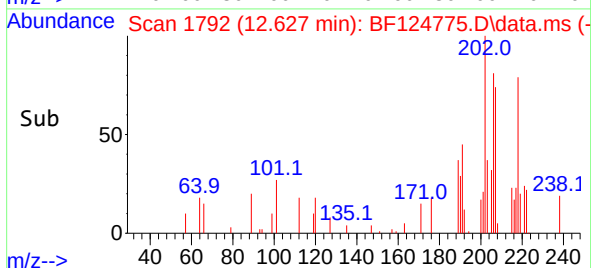
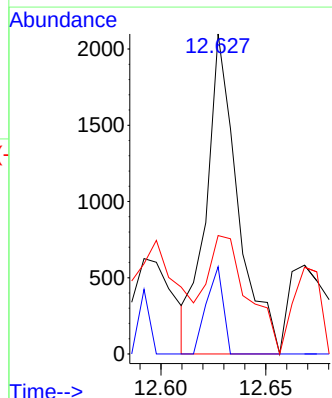
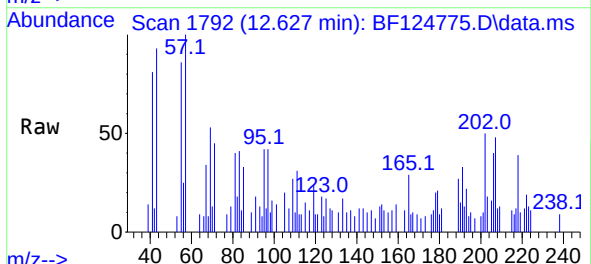
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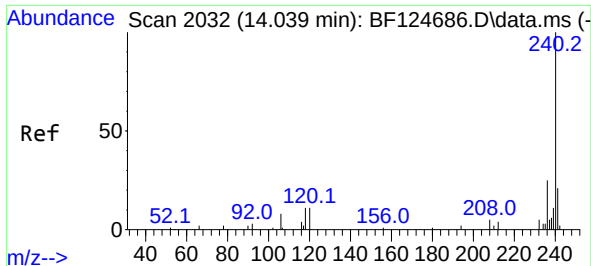
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#75
 Fluoranthene
 Concen: 3.178 ng m
 RT: 12.627 min Scan# 1792
 Delta R.T. 0.017 min
 Lab File: BF124775.D
 Acq: 26 Jul 2021 20:56

Tgt Ion:202 Resp: 2205
 Ion Ratio Lower Upper
 202 100
 101 27.3 0.0 30.7
 203 37.0 0.0 36.3#





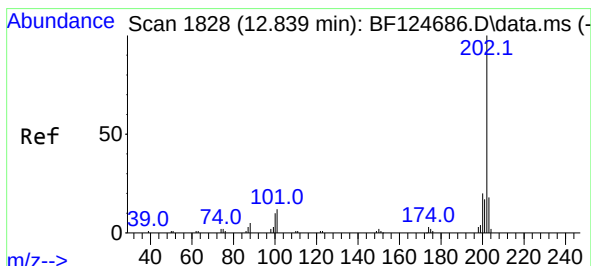
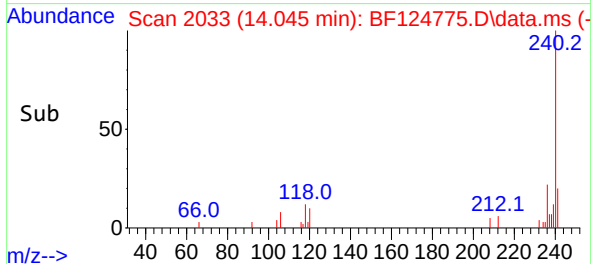
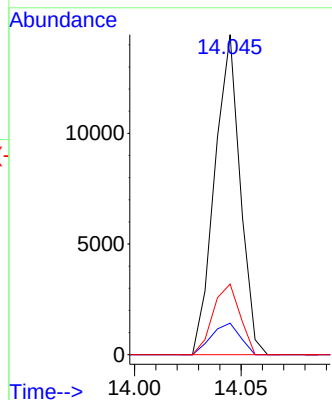
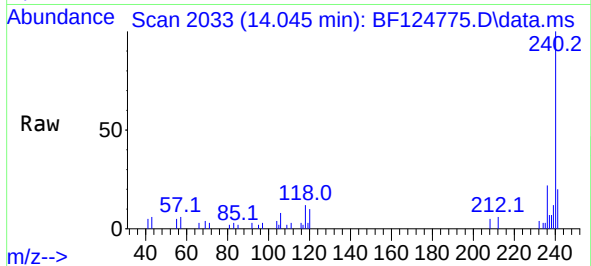
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion:240 Resp: 11997
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 22.0 21.6 32.4

Instrument :
BNA_F
ClientSampled :
WASTE

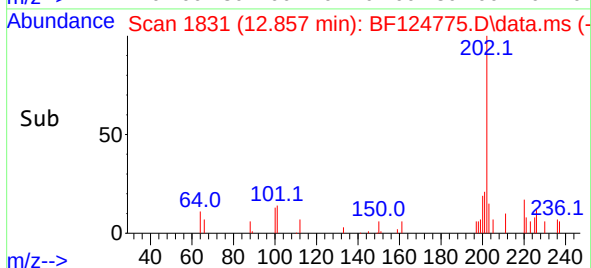
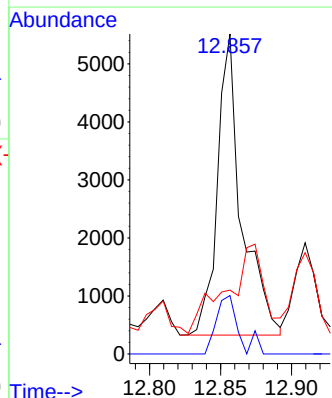
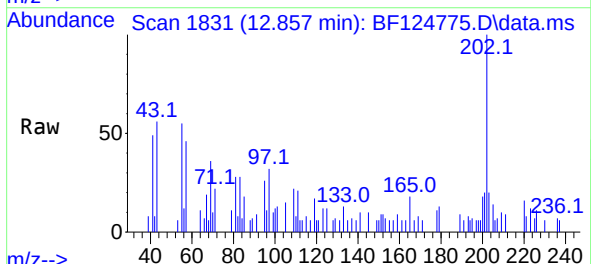
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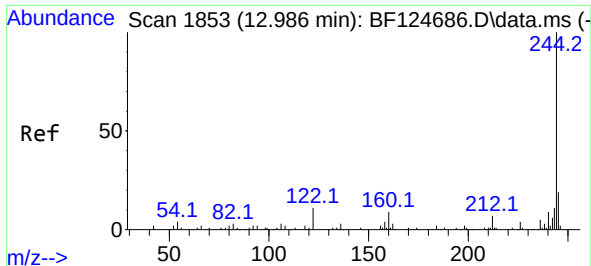
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#78
Pyrene
Concen: 6.461 ng
RT: 12.857 min Scan# 1831
Delta R.T. 0.018 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

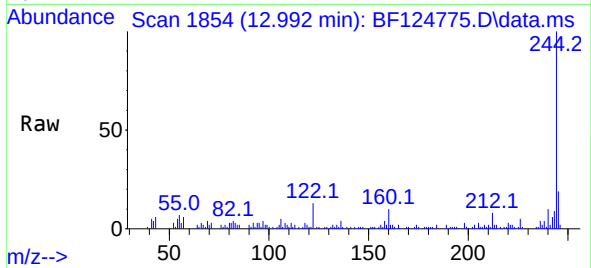
Tgt Ion:202 Resp: 6136
Ion Ratio Lower Upper
202 100
200 18.3 15.3 22.9
203 20.0 13.4 20.0





#79
Terphenyl-d14
Concen: 61.312 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

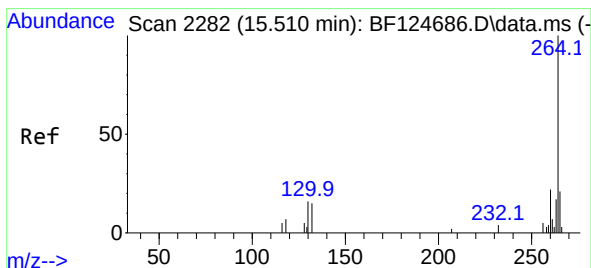
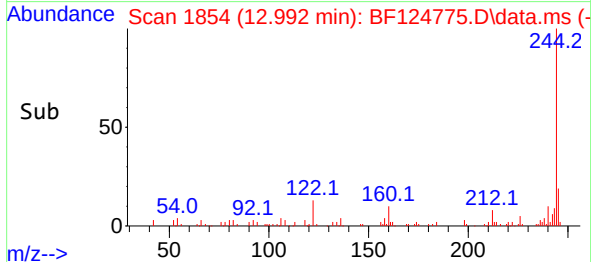
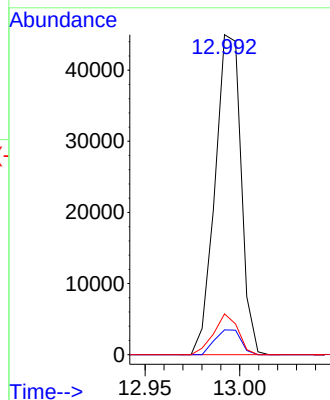
Instrument :
BNA_F
ClientSampleId :
WASTE



Tgt Ion:244 Resp: 42911
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 12.7 9.0 13.4

Manual Integrations
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124775.D
Acq: 26 Jul 2021 20:56

Tgt Ion:264 Resp: 9189
Ion Ratio Lower Upper
264 100
260 26.5 19.6 29.4
265 21.3 17.2 25.8

