

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124749.D
 Acq On : 24 Jul 2021 16:01
 Operator : JU/CG
 Sample : M3117-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-5

Quant Time: Jul 25 04:29:03 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

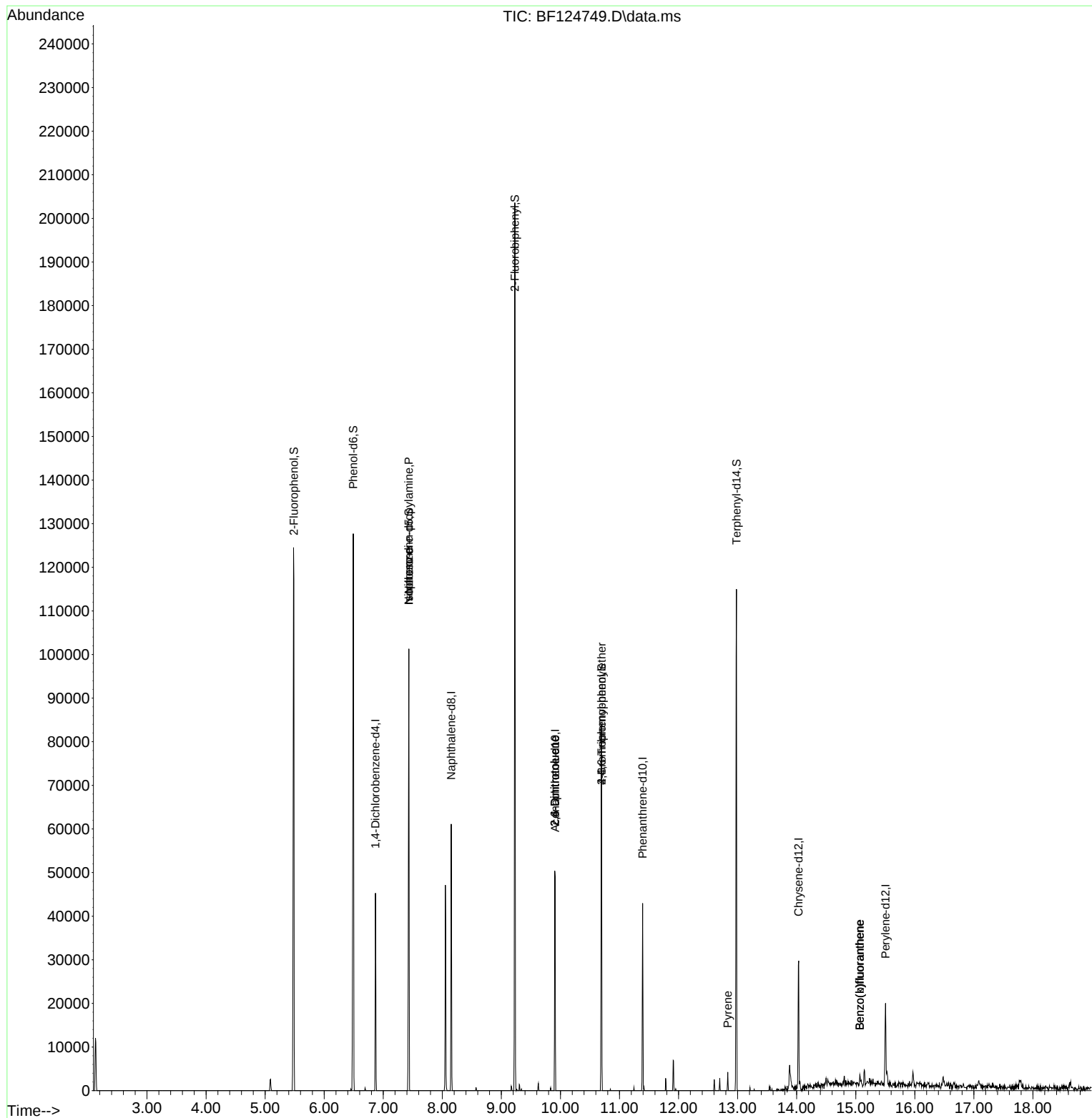
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6217	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	23654	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	10879	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	15371	20.000	ng	0.00
76) Chrysene-d12	14.033	240	11842	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	9235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	36764	100.124	ng	0.00
7) Phenol-d6	6.492	99	42300	91.893	ng	0.00
23) Nitrobenzene-d5	7.434	82	27227	68.508	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	7664	82.050	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	52618	71.038	ng	0.00
79) Terphenyl-d14	12.980	244	37512	54.299	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	3574	14.540	ng	# 72
25) Isophorone	7.434	82	27226	38.743	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1583	9.565	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1583	7.049	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	490	3.006	ng	# 1
78) Pyrene	12.833	202	1941	2.070	ng	# 89
88) Benzo(b)fluoranthene	15.068	252	2032	3.125	ng	# 82
89) Benzo(k)fluoranthene	15.068	252	2032	3.420	ng	# 88

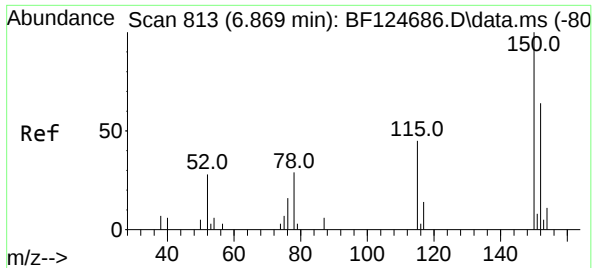
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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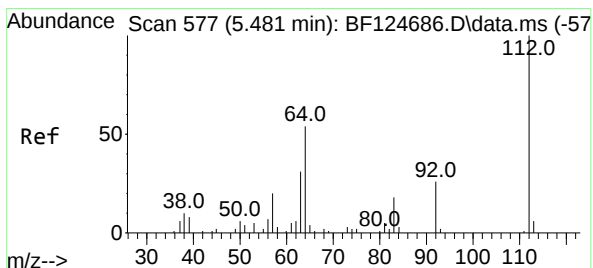
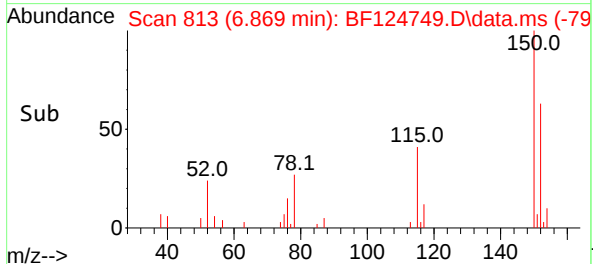
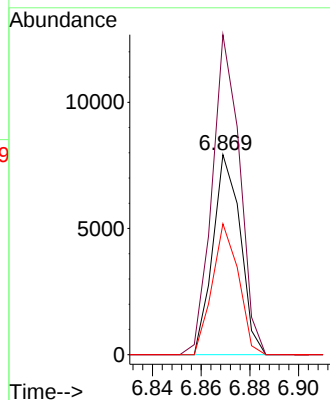
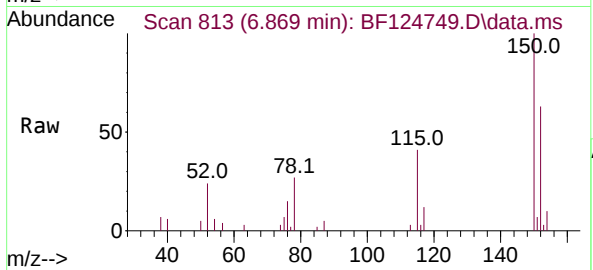




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

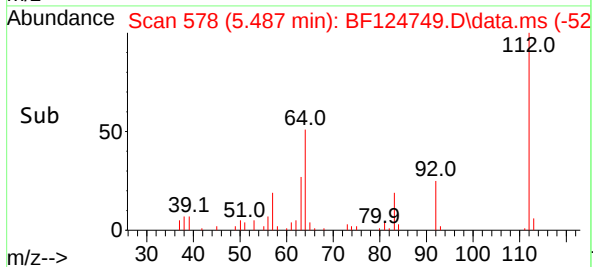
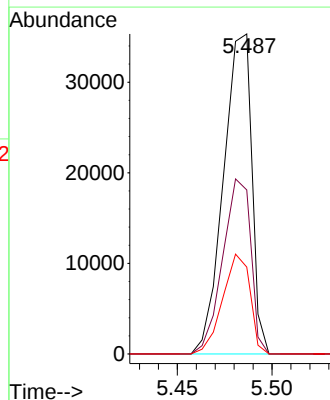
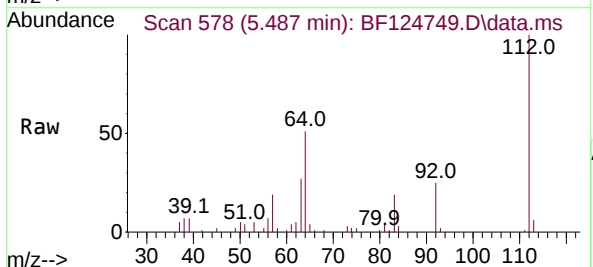
Instrument :
BNA_F
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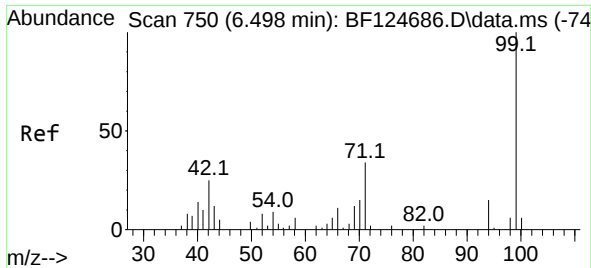
Tgt Ion:152 Resp: 6217
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 65.4 47.1 70.7



#5
2-Fluorophenol
Concen: 100.124 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

Tgt Ion:112 Resp: 36764
Ion Ratio Lower Upper
112 100
64 51.3 44.2 66.2
63 27.1 26.2 39.2

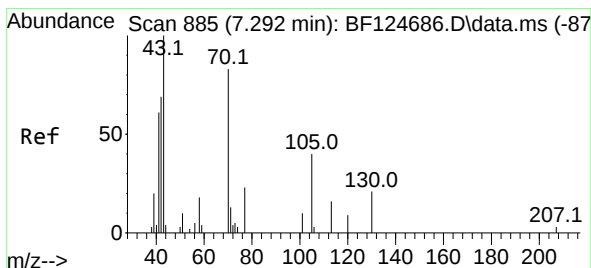
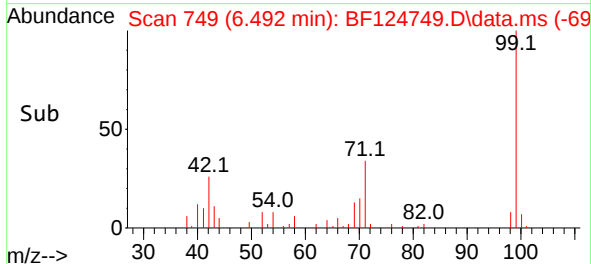
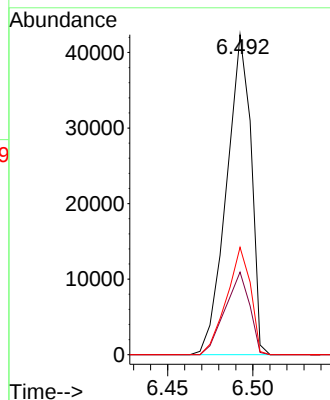
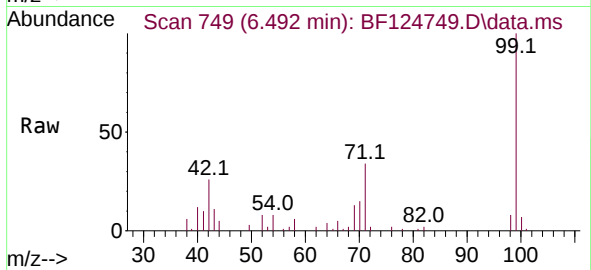




#7
Phenol-d6
Concen: 91.893 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

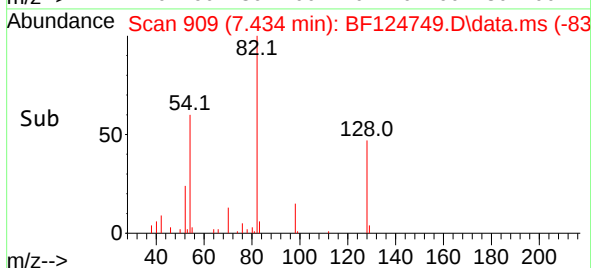
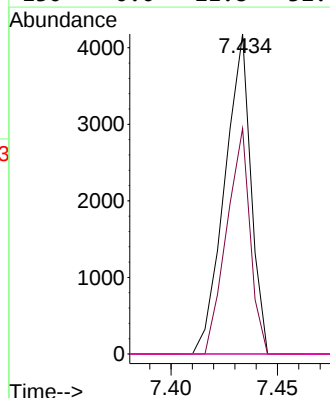
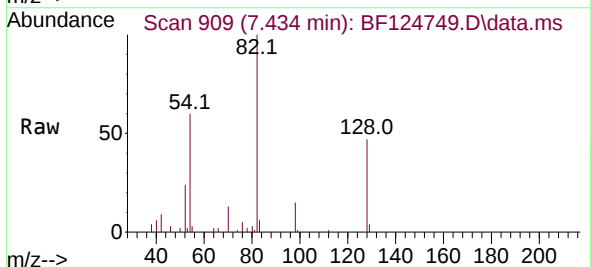
Instrument :
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ClientSampleId :
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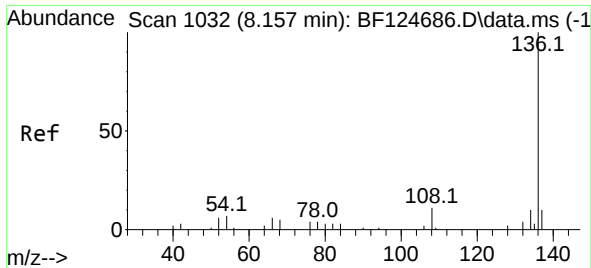
Tgt Ion:	99	Resp:	42300
Ion	Ratio	Lower	Upper
99	100		
42	25.8	23.5	35.3
71	33.5	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.540 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

Tgt Ion:	70	Resp:	3574
Ion	Ratio	Lower	Upper
70	100		
42	70.5	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

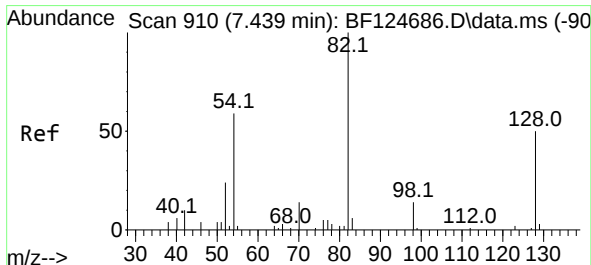
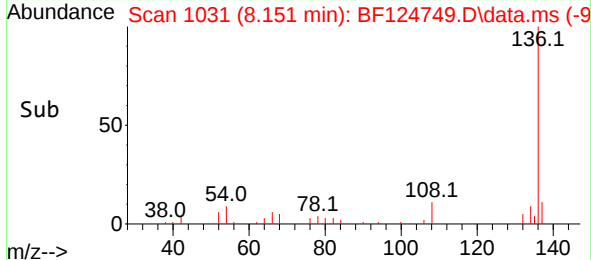
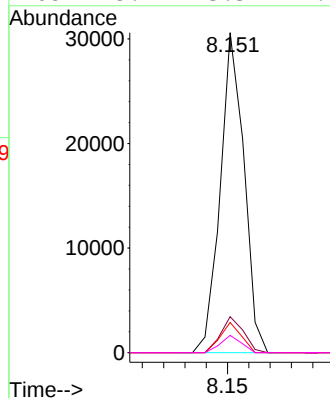
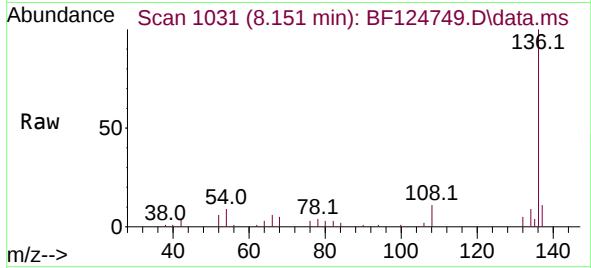




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

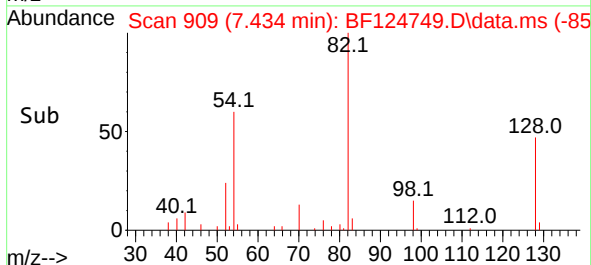
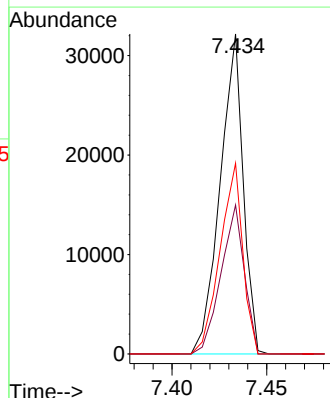
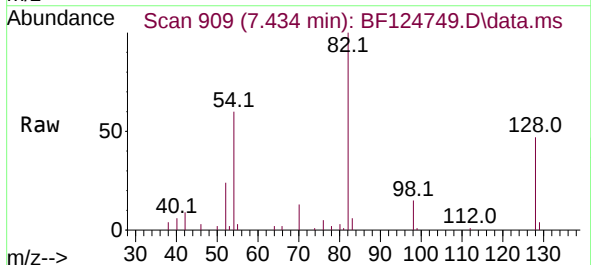
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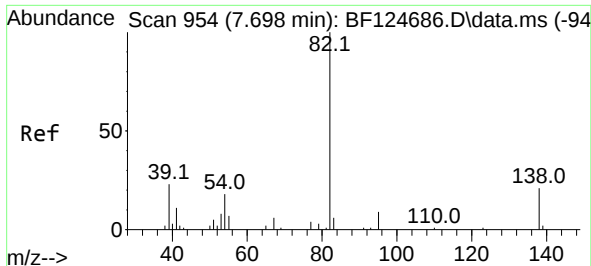
Tgt Ion:136	Resp:	23654
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.8 14.6
54	9.4	6.4 9.6
68	5.4	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 68.508 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

Tgt Ion: 82	Resp:	27227
Ion Ratio	Lower	Upper
82	100	
128	46.5	40.6 60.8
54	59.6	49.6 74.4

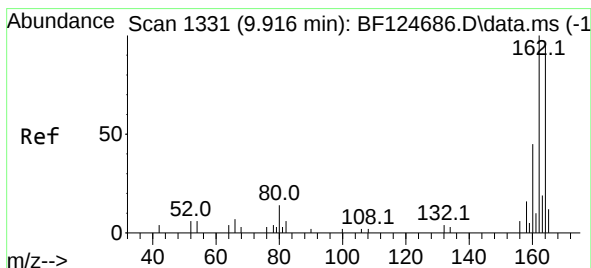
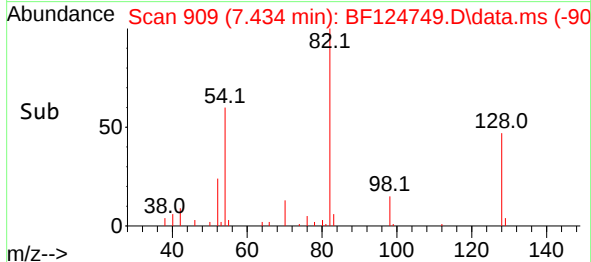
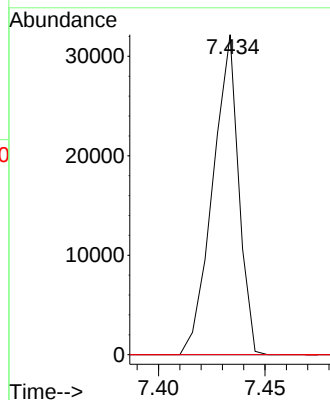
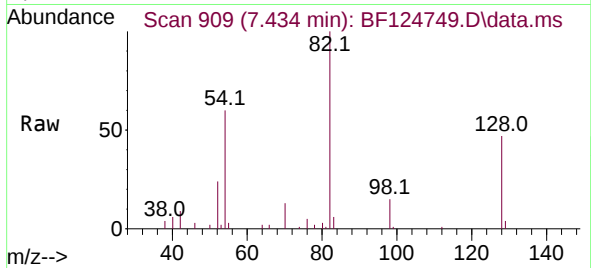




#25
Isophorone
Concen: 38.743 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

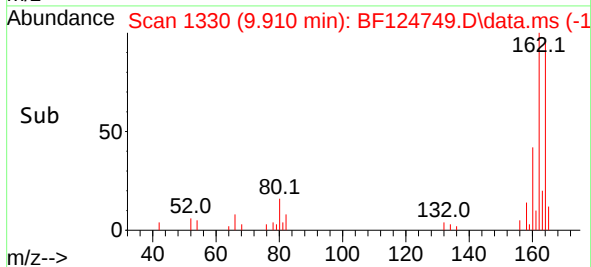
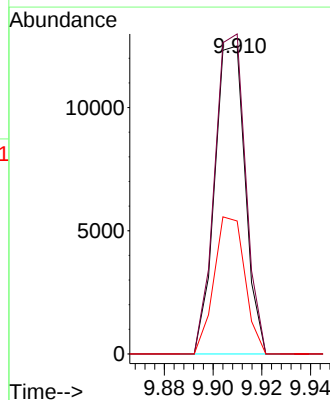
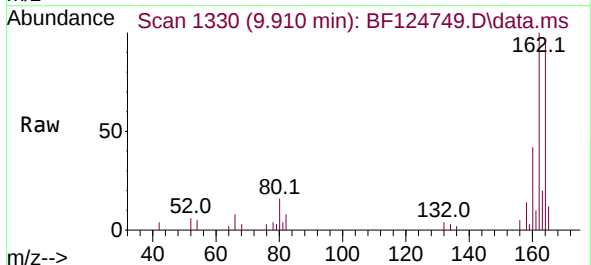
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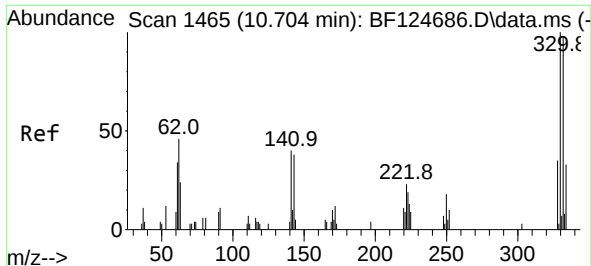
Tgt Ion: 82 Resp: 27226
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

Tgt Ion: 164 Resp: 10879
Ion Ratio Lower Upper
164 100
162 103.9 81.3 121.9
160 43.2 38.0 57.0

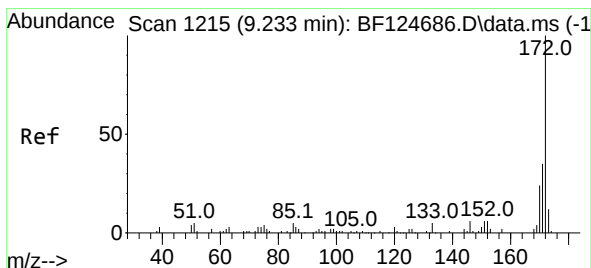
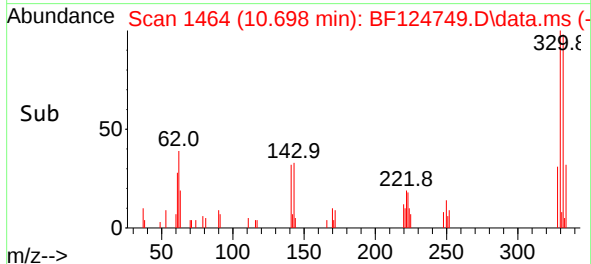
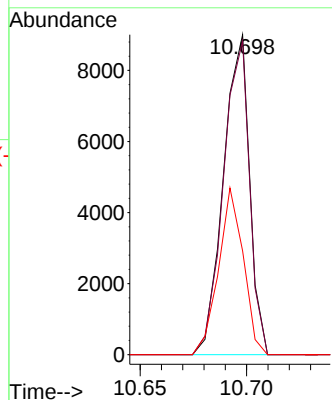
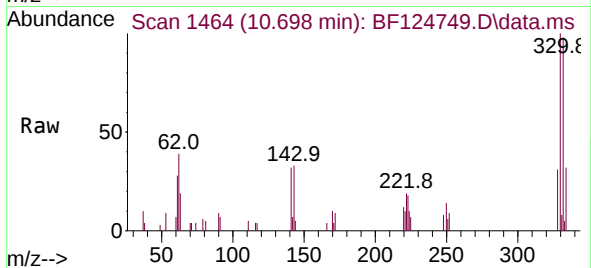




#42
2,4,6-Tribromophenol
Concen: 82.050 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

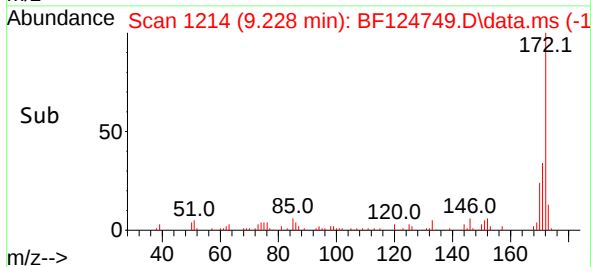
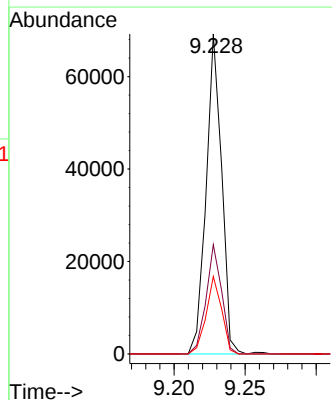
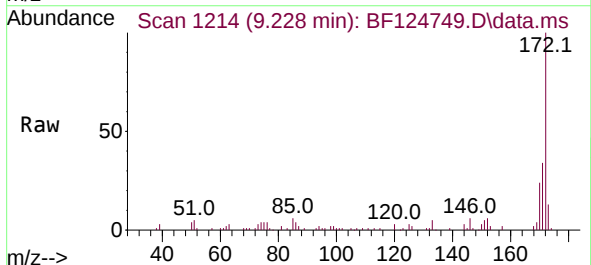
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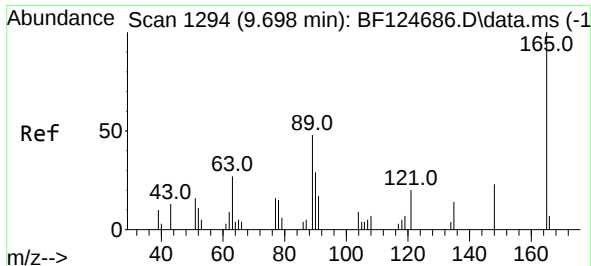
Tgt Ion: 330 Resp: 7664
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 49.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 71.038 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

Tgt Ion: 172 Resp: 52618
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 24.2 18.8 28.2

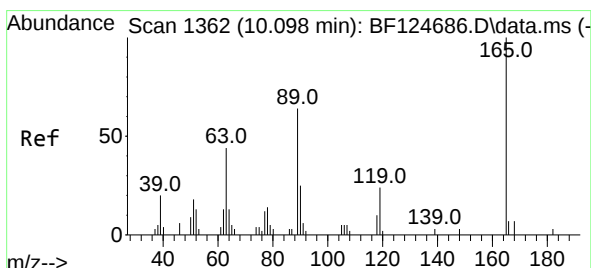
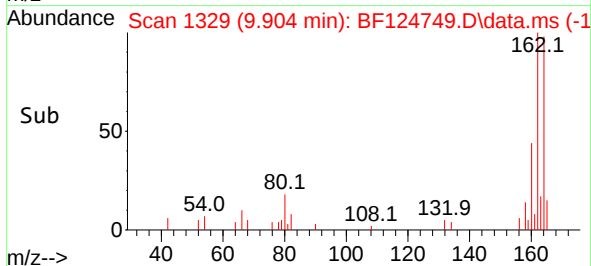
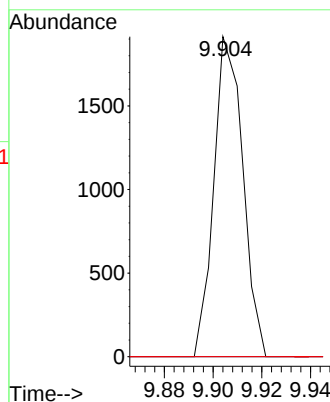
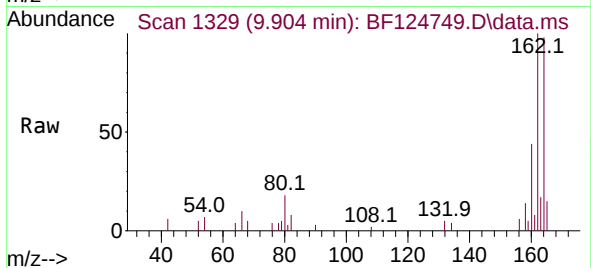




#51
2,6-Dinitrotoluene
Concen: 9.565 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

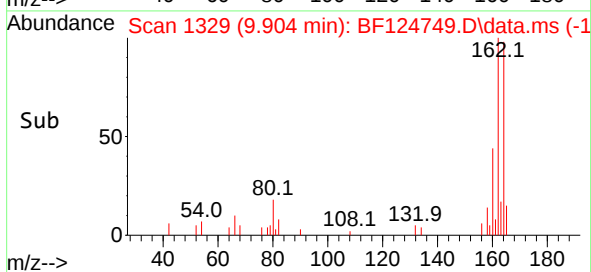
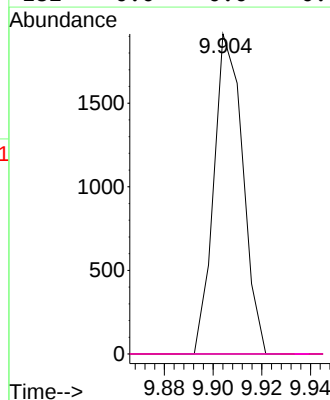
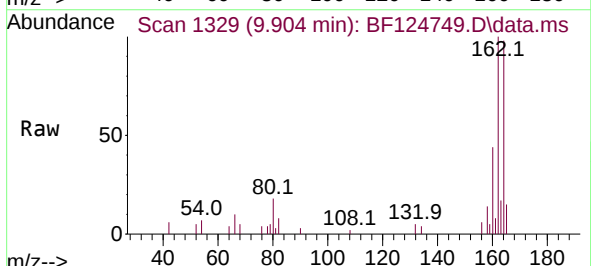
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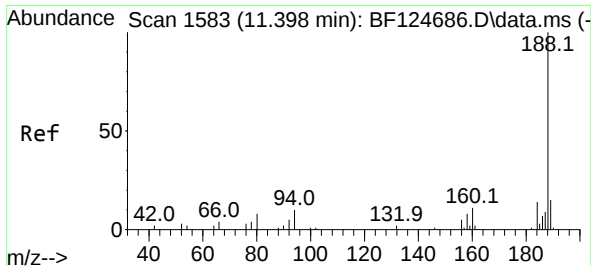
Tgt Ion:165 Resp: 1583
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.049 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

Tgt Ion:165 Resp: 1583
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

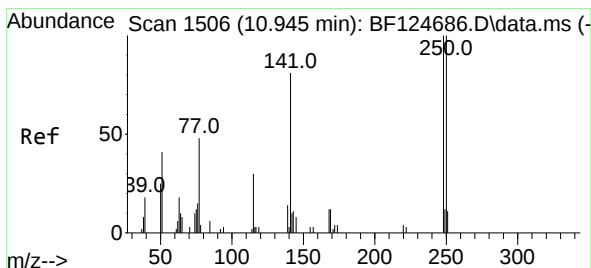
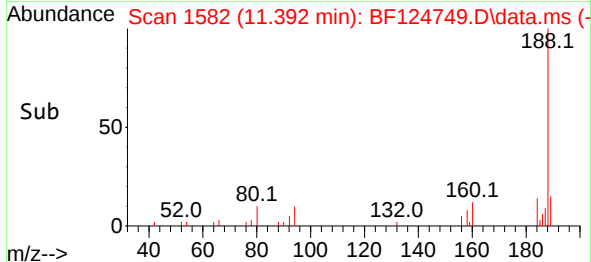
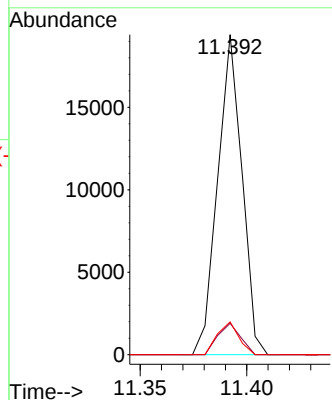
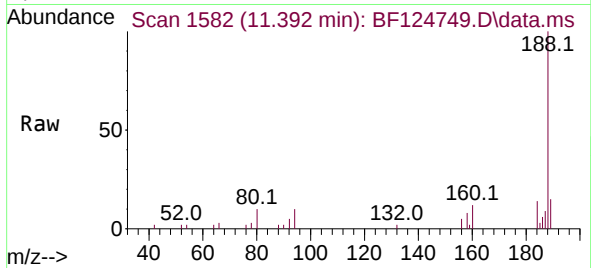




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

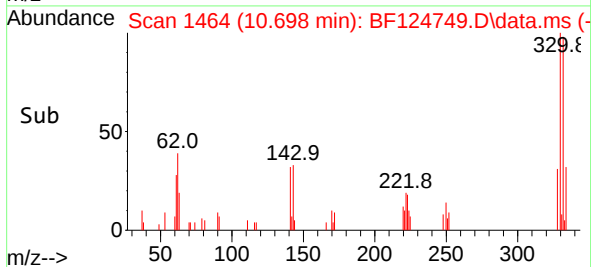
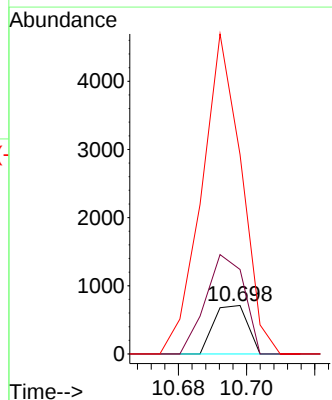
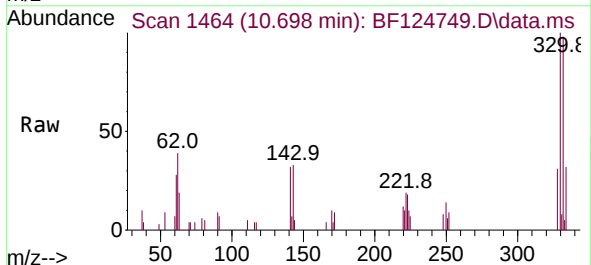
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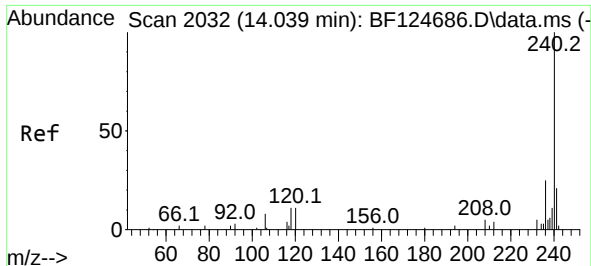
Tgt Ion:188 Resp: 15371
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.006 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

Tgt Ion:248 Resp: 490
Ion Ratio Lower Upper
248 100
250 173.9 74.2 111.4#
141 410.7 60.4 90.6#

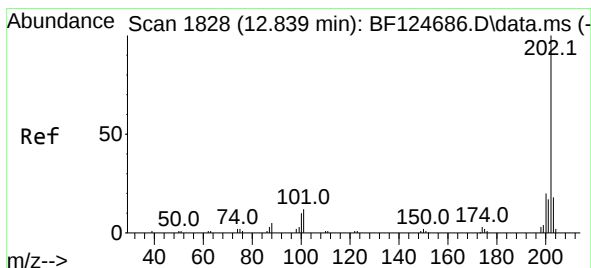
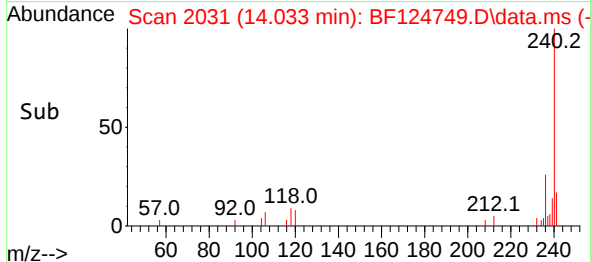
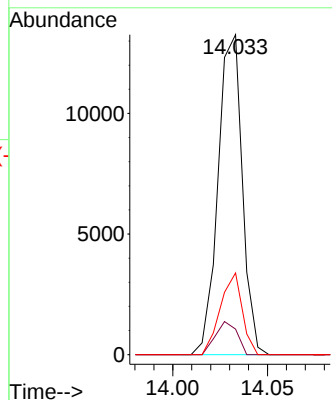
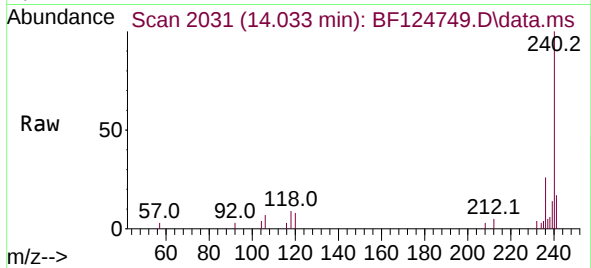




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

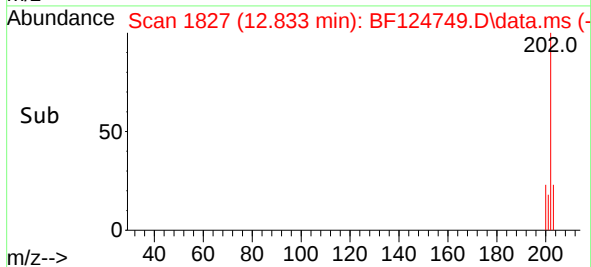
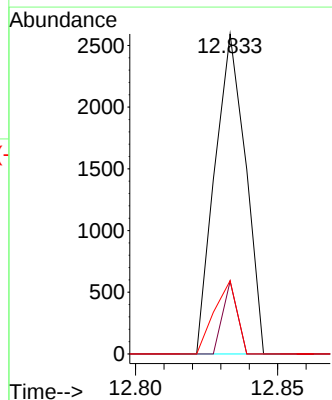
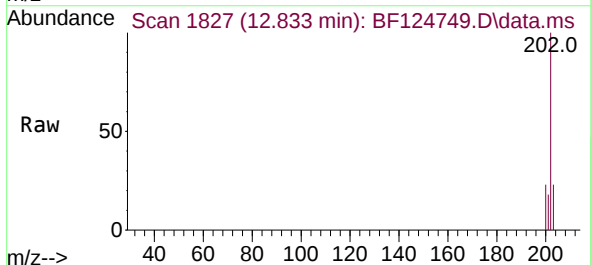
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-5

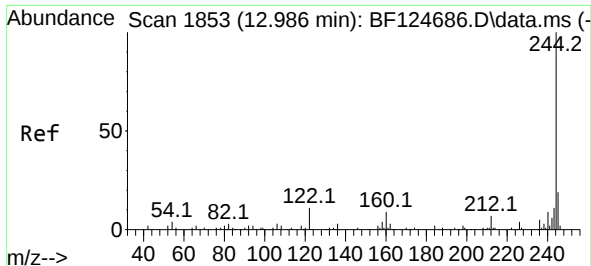
Tgt Ion:240 Resp: 11842
Ion Ratio Lower Upper
240 100
120 8.0 10.8 16.2#
236 25.5 21.6 32.4



#78
Pyrene
Concen: 2.070 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

Tgt Ion:202 Resp: 1941
Ion Ratio Lower Upper
202 100
200 22.8 15.3 22.9
203 22.9 13.4 20.0#

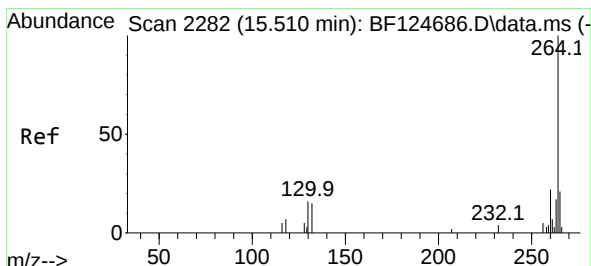
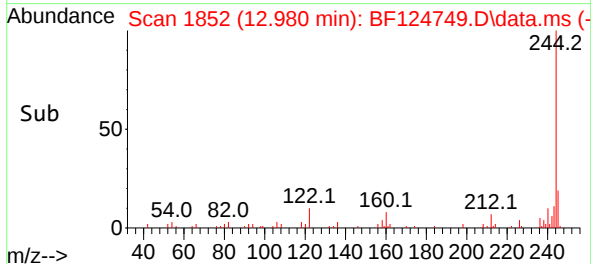
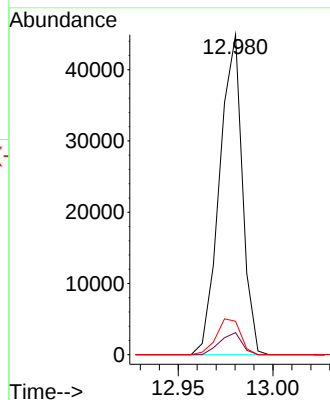
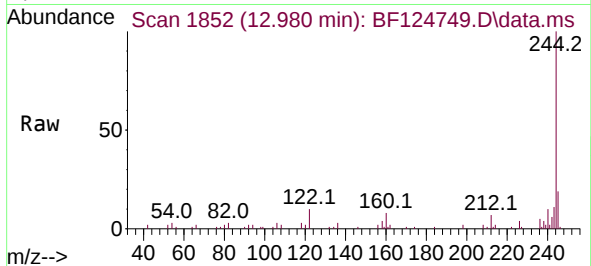




#79
 Terphenyl-d14
 Concen: 54.299 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124749.D
 Acq: 24 Jul 2021 16:01

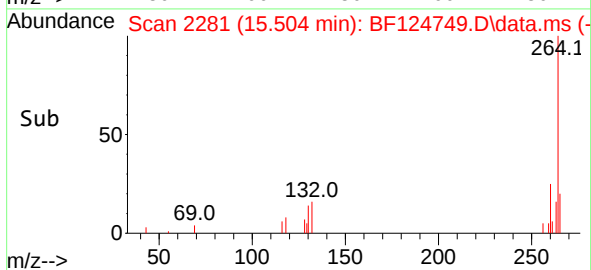
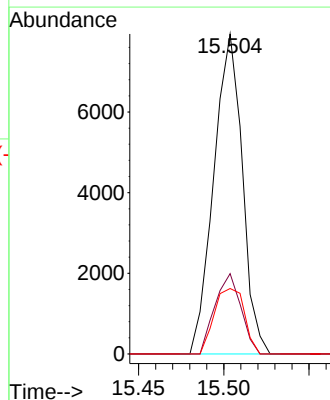
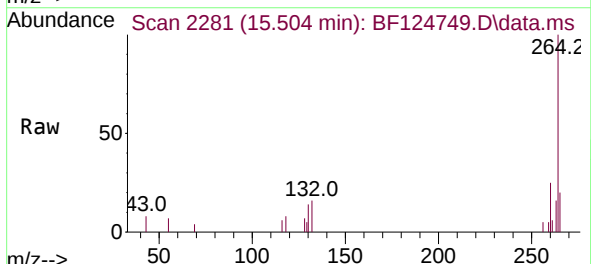
Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-5

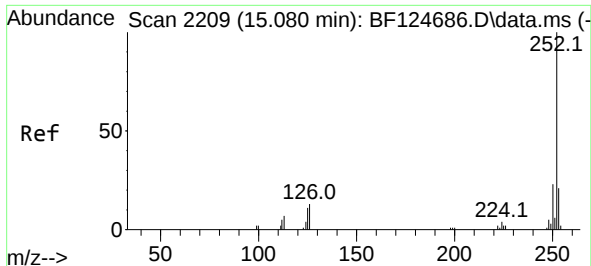
Tgt Ion:244 Resp: 37512
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.006 min
 Lab File: BF124749.D
 Acq: 24 Jul 2021 16:01

Tgt Ion:264 Resp: 9235
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 20.5 17.2 25.8

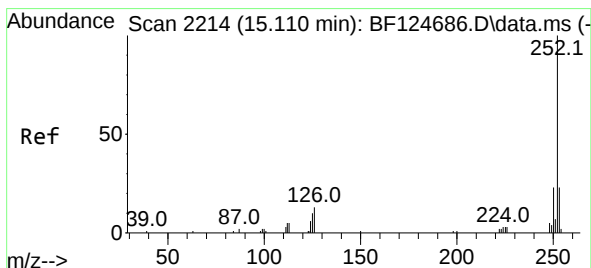
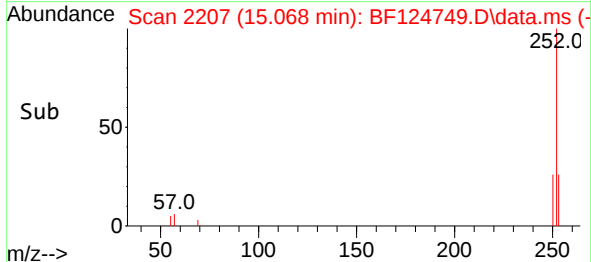
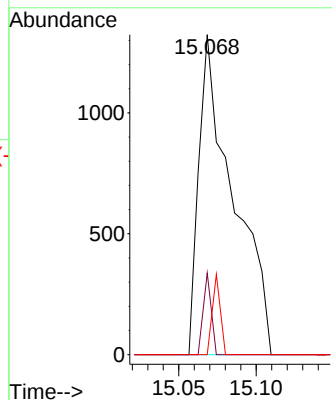
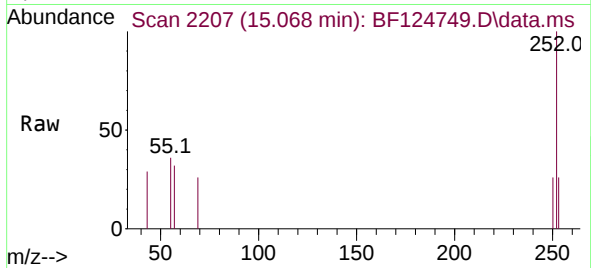




#88
Benzo(b)fluoranthene
Concen: 3.125 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.012 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

Instrument :
BNA_F
ClientSampled :
NJ-CLEAN-5

Tgt Ion:252 Resp: 2032
Ion Ratio Lower Upper
252 100
253 25.5 16.8 25.2#
125 0.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.420 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.041 min
Lab File: BF124749.D
Acq: 24 Jul 2021 16:01

Tgt Ion:252 Resp: 2032
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.8
125 0.0 7.2 10.8#

