

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124769.D
 Acq On : 26 Jul 2021 17:29
 Operator : JU/CG
 Sample : M3117-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-1

Quant Time: Jul 26 18:13:50 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)

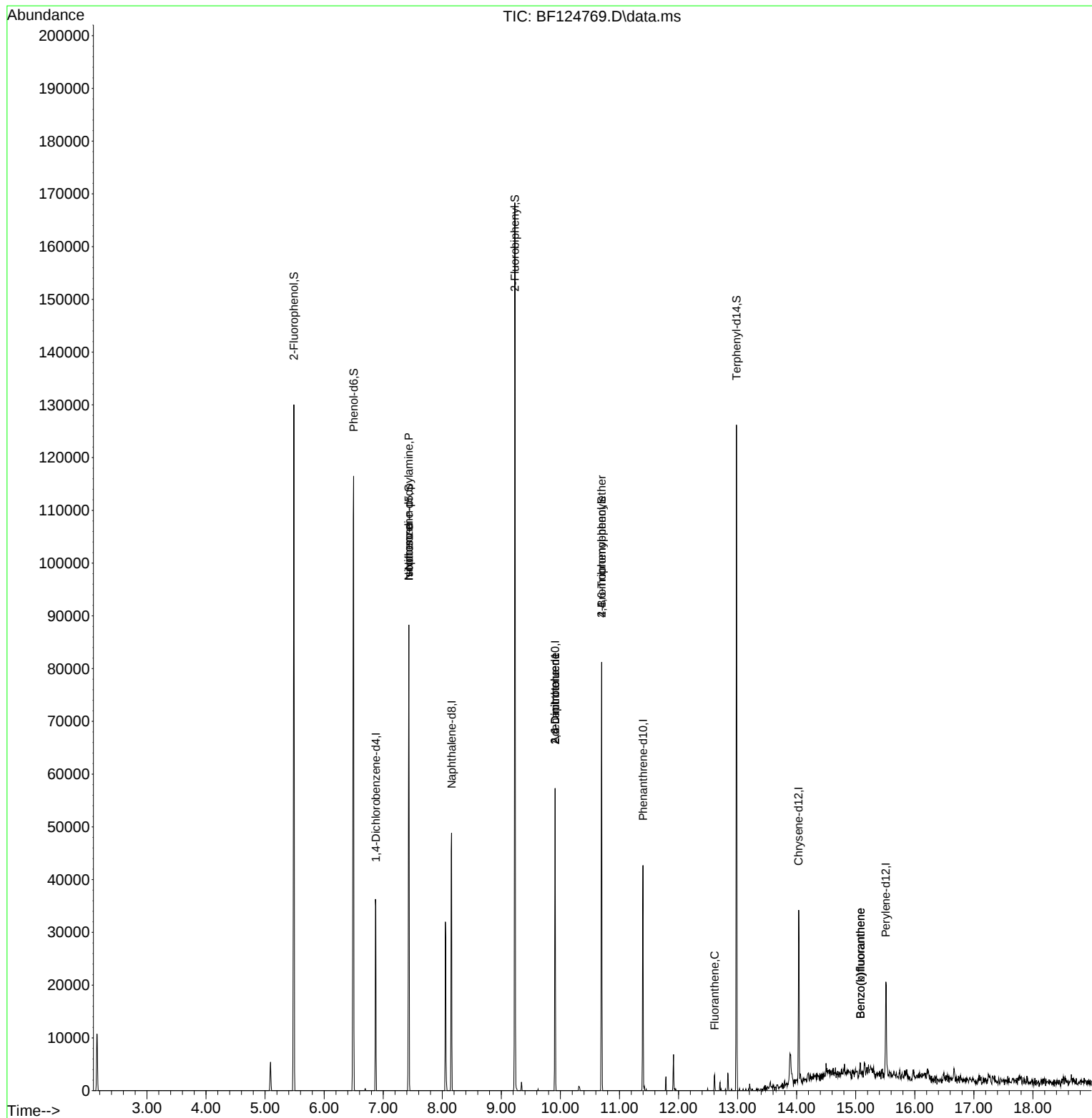
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5822	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	22291	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	10645	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	16516	20.000	ng	0.00
76) Chrysene-d12	14.033	240	12386	20.000	ng	0.00
86) Perylene-d12	15.510	264	9336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	32982	95.919	ng	0.00
7) Phenol-d6	6.498	99	38468	89.238	ng	0.00
23) Nitrobenzene-d5	7.434	82	24703	65.958	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	7490	81.950	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	50311	69.417	ng	0.00
79) Terphenyl-d14	12.980	244	40610	56.202	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.434	70	2953	12.829	ng	# 75
25) Isophorone	7.434	82	24703	37.302	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1474	9.103	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1474	6.708	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	490	2.797	ng	# 1
75) Fluoranthene	12.610	202	1955	2.157	ng	# 88
88) Benzo(b)fluoranthene	15.080	252	2041	3.105	ng	# 67
89) Benzo(k)fluoranthene	15.080	252	2041	3.398	ng	# 68

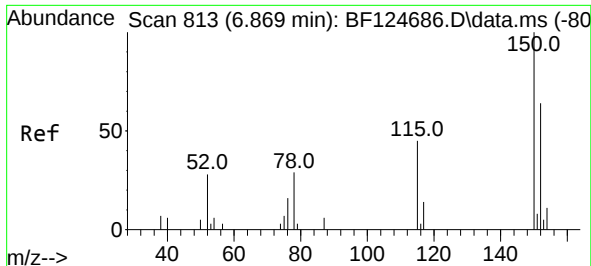
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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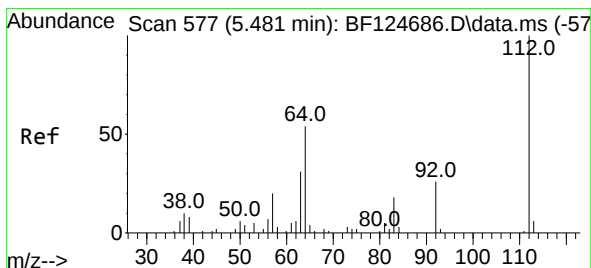
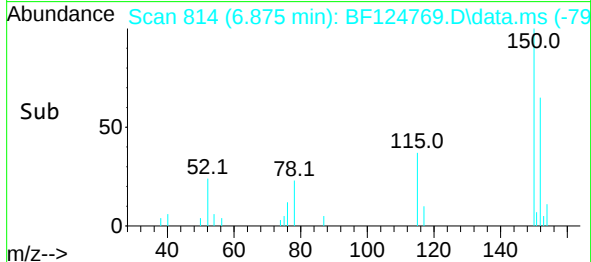
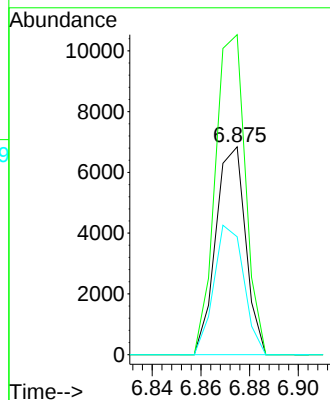
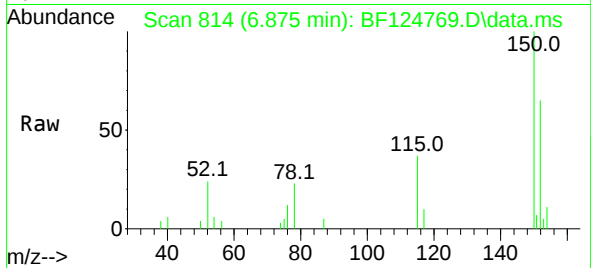




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

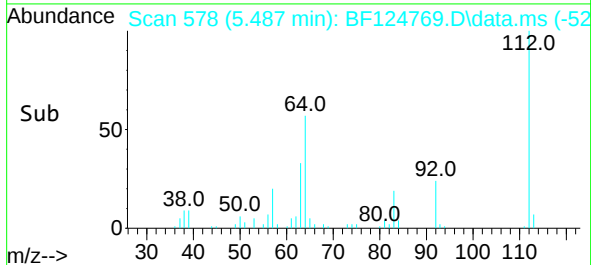
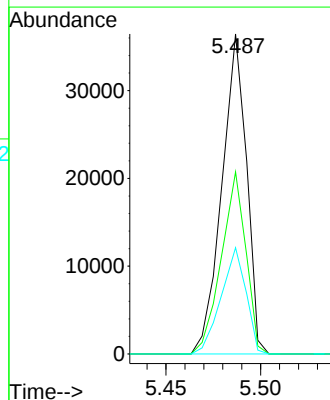
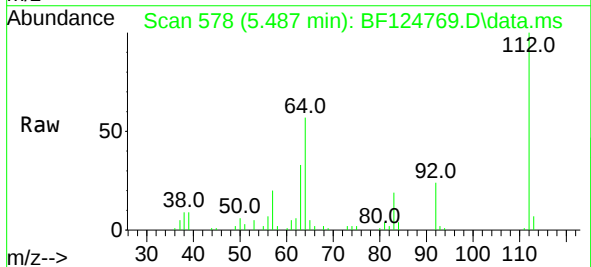
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BNA_F
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NJ-CLEAN-1

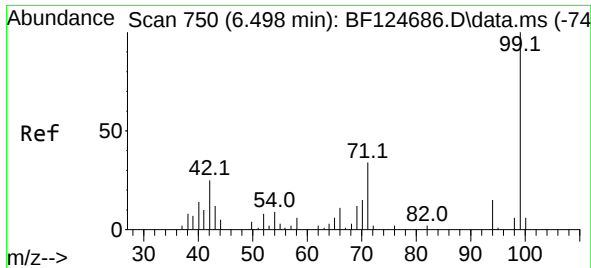
Tgt Ion:152 Resp: 5822
Ion Ratio Lower Upper
152 100
150 153.9 117.6 176.4
115 56.7 47.1 70.7



#5
2-Fluorophenol
Concen: 95.919 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

Tgt Ion:112 Resp: 32982
Ion Ratio Lower Upper
112 100
64 56.9 44.2 66.2
63 33.2 26.2 39.2

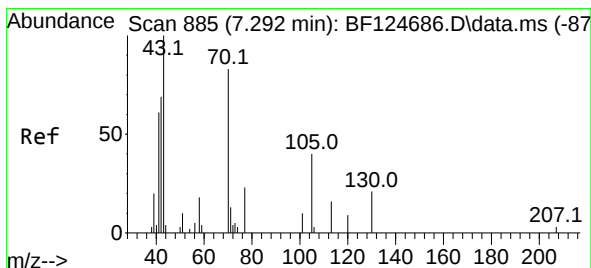
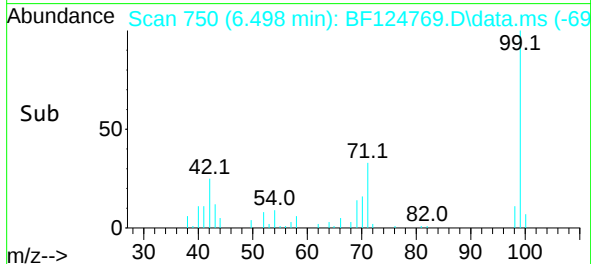
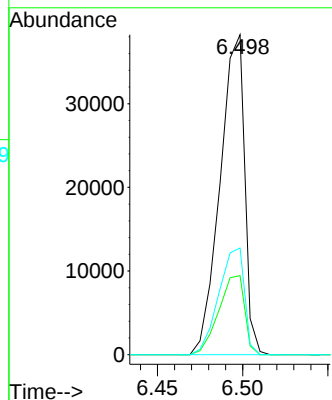
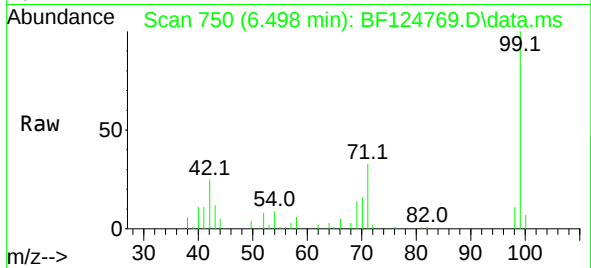




#7
Phenol-d6
Concen: 89.238 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

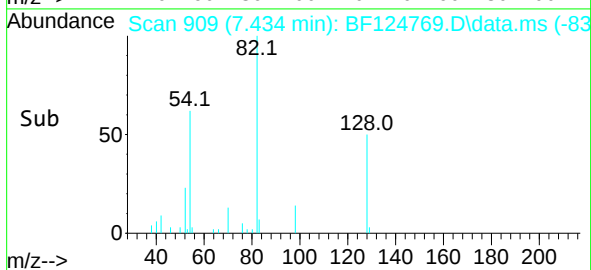
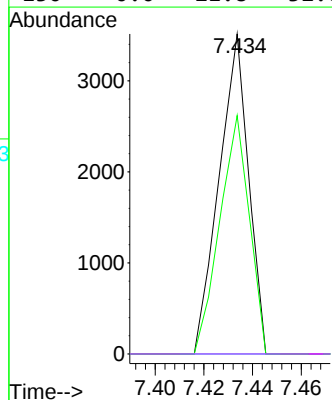
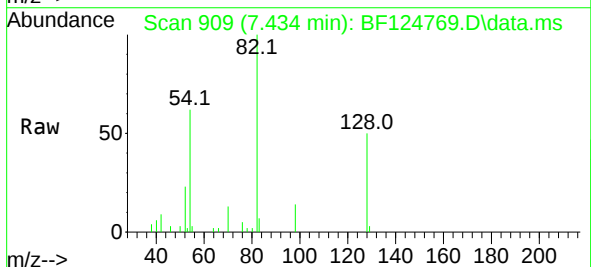
Instrument :
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ClientSampleId :
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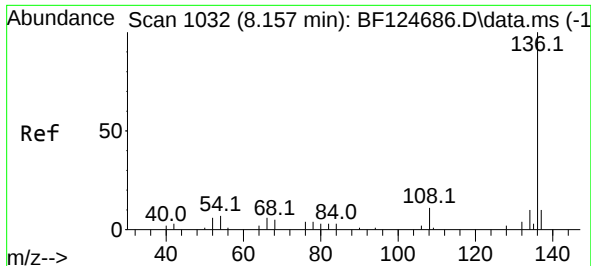
Tgt Ion:	99	Resp:	38468
Ion	Ratio	Lower	Upper
99	100		
42	24.7	23.5	35.3
71	33.4	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.829 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

Tgt Ion:	70	Resp:	2953
Ion	Ratio	Lower	Upper
70	100		
42	74.5	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

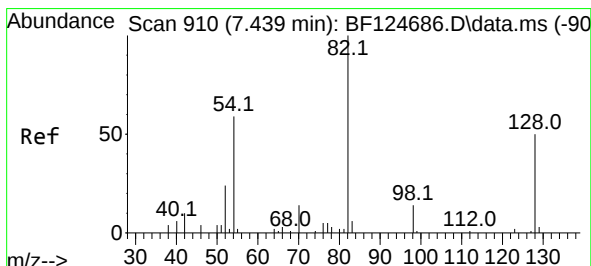
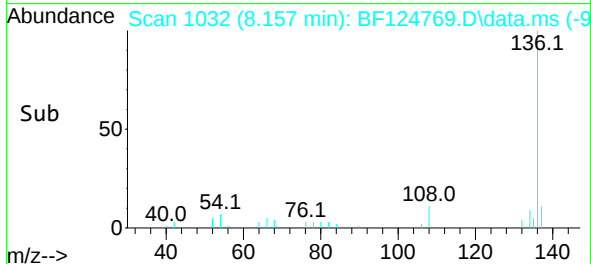
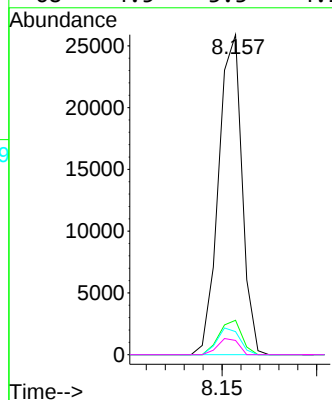
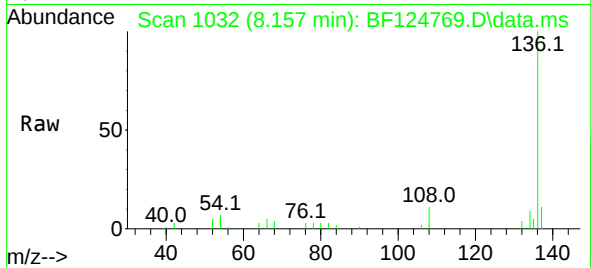




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

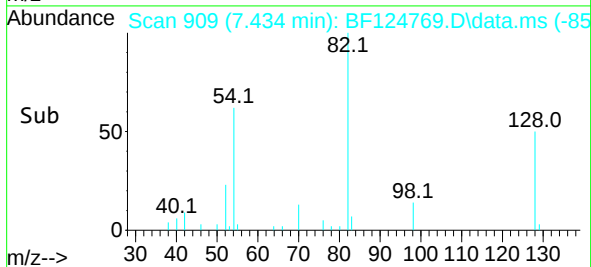
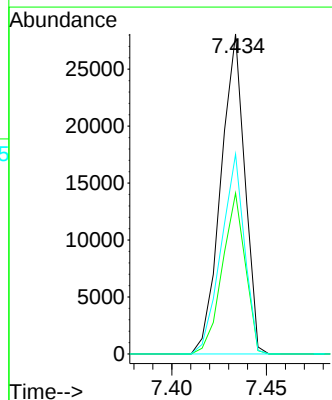
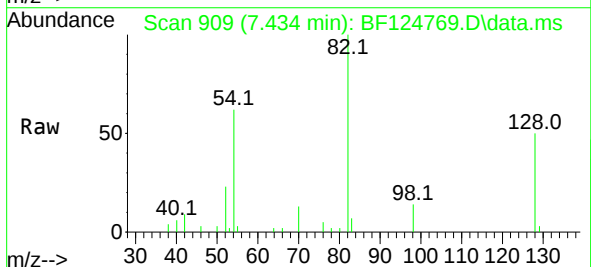
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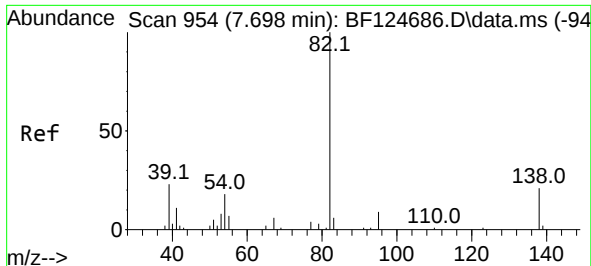
Tgt Ion:	136	Resp:	22291
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	7.2	6.4	9.6
68	4.5	3.3	4.9



#23
Nitrobenzene-d5
Concen: 65.958 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

Tgt Ion:	82	Resp:	24703
Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.6	60.8
54	62.5	49.6	74.4

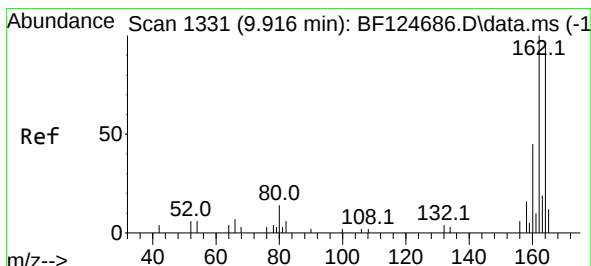
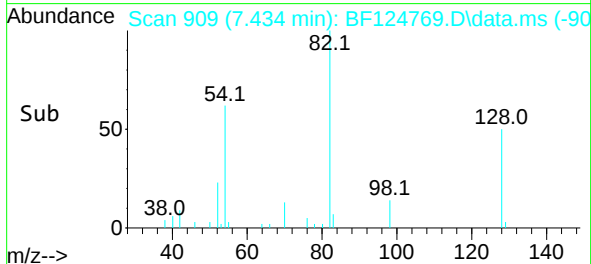
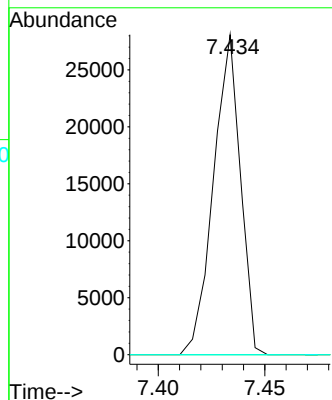
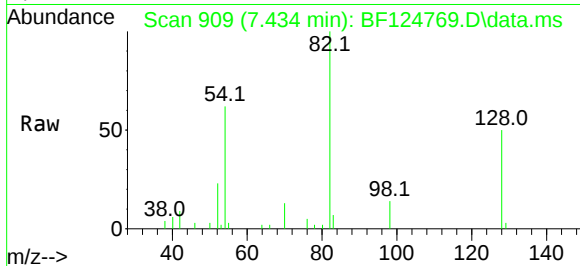




#25
Isophorone
Concen: 37.302 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

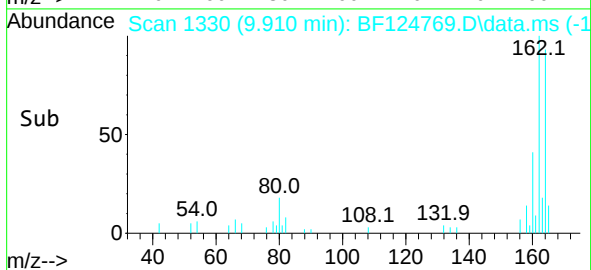
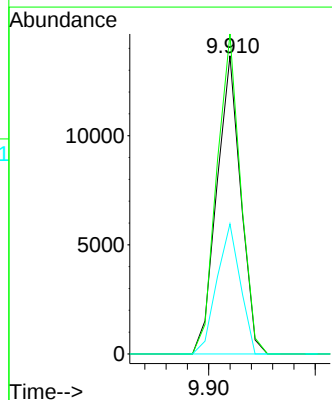
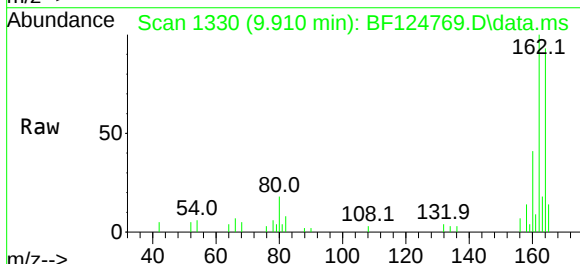
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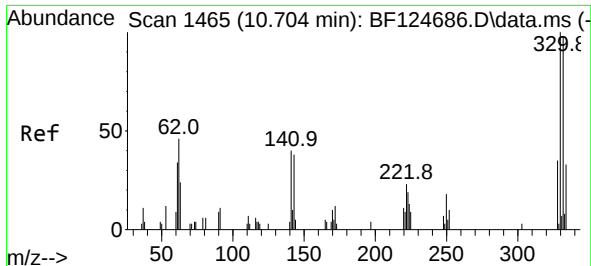
Tgt Ion: 82 Resp: 24703
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

Tgt Ion: 164 Resp: 10645
Ion Ratio Lower Upper
164 100
162 107.3 81.3 121.9
160 43.6 38.0 57.0

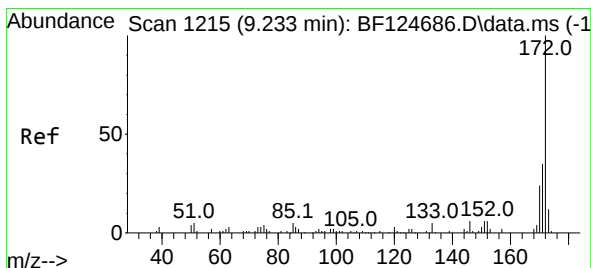
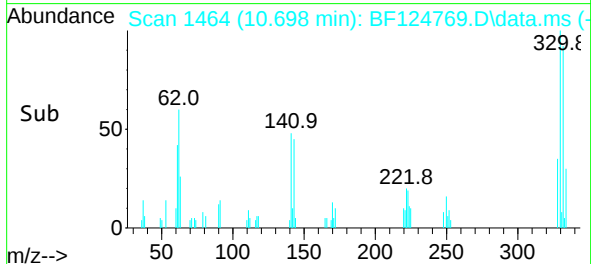
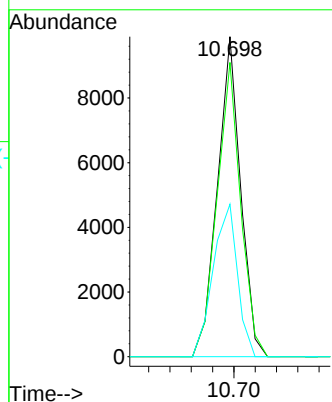
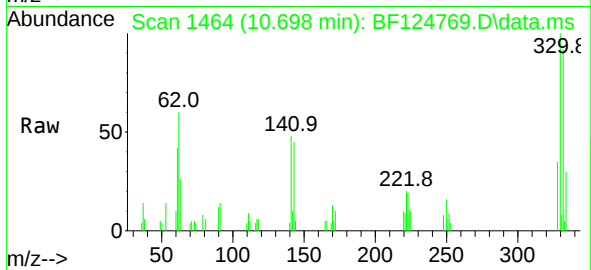




#42
2,4,6-Tribromophenol
Concen: 81.950 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

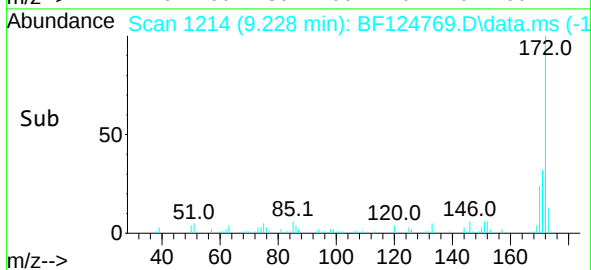
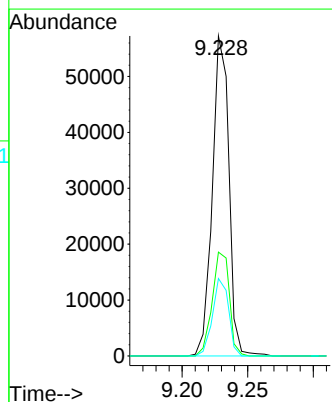
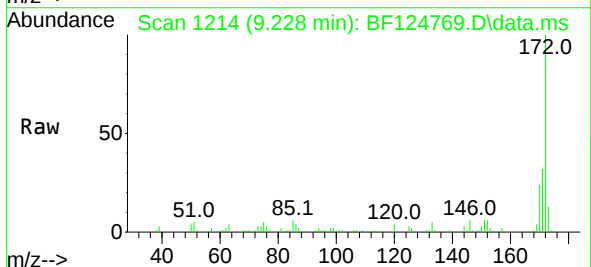
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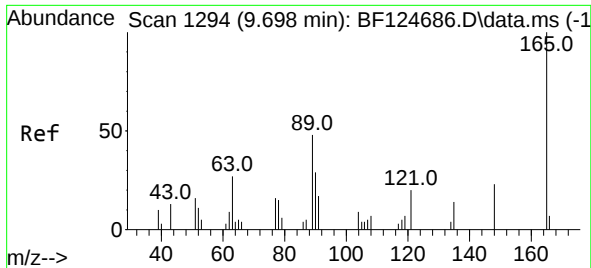
Tgt Ion: 330 Resp: 7490
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 49.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 69.417 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

Tgt Ion: 172 Resp: 50311
Ion Ratio Lower Upper
172 100
171 32.4 26.5 39.7
170 24.2 18.8 28.2

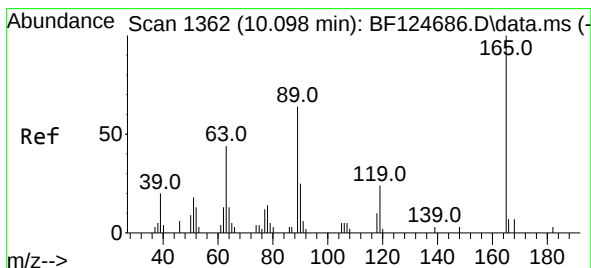
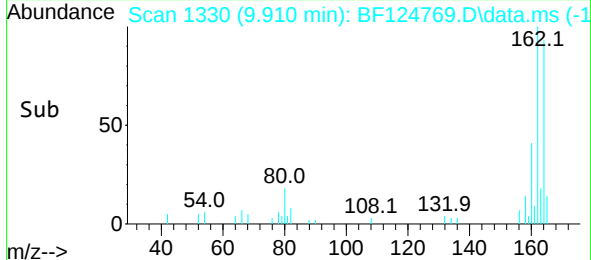
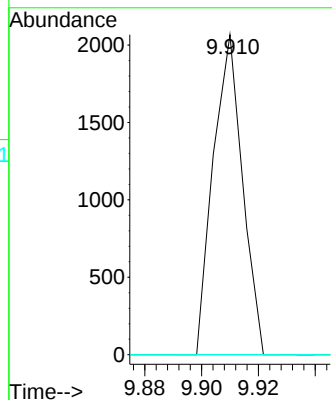
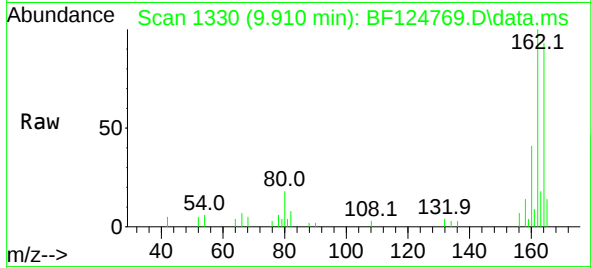




#51
2,6-Dinitrotoluene
Concen: 9.103 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

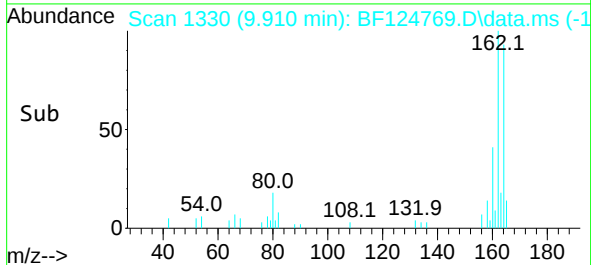
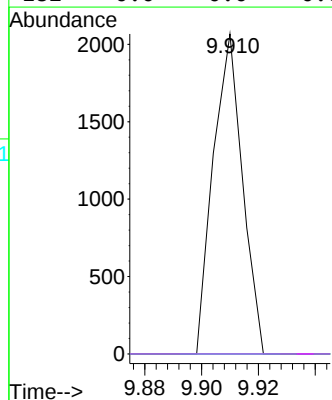
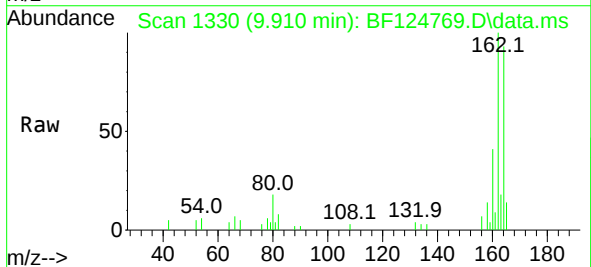
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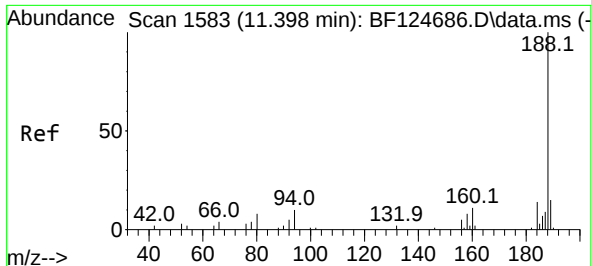
Tgt Ion:165 Resp: 1474
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.708 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

Tgt Ion:165 Resp: 1474
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

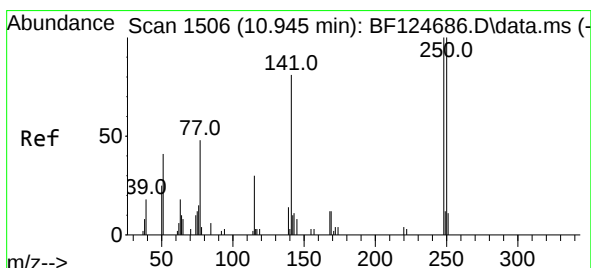
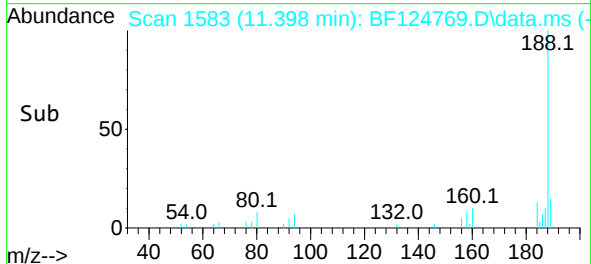
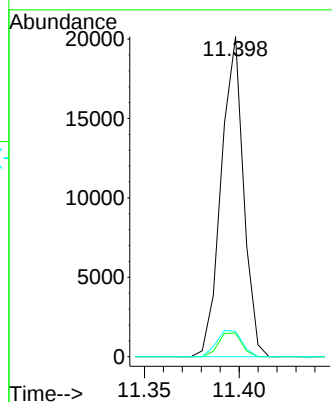
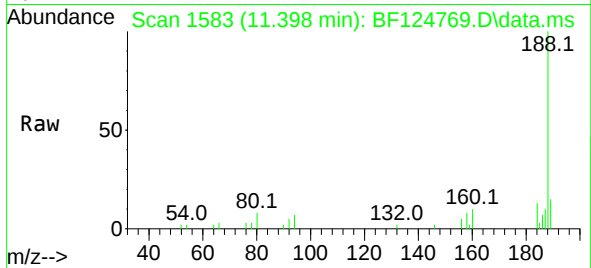




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

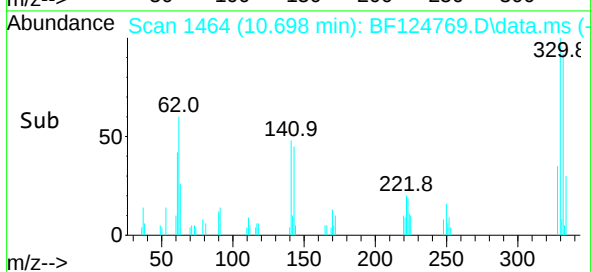
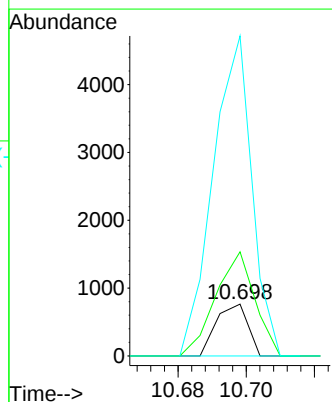
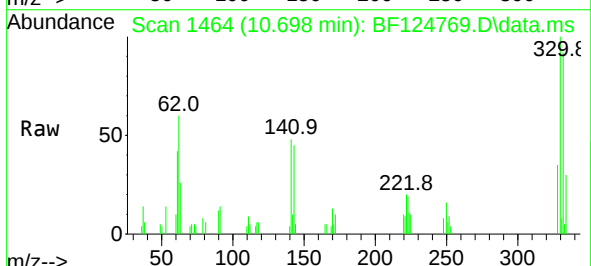
Instrument :
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ClientSampleId :
NJ-CLEAN-1

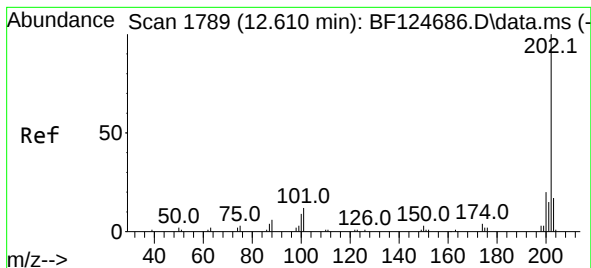
Tgt Ion:188 Resp: 16516
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 7.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.797 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

Tgt Ion:248 Resp: 490
Ion Ratio Lower Upper
248 100
250 201.0 74.2 111.4#
141 617.4 60.4 90.6#

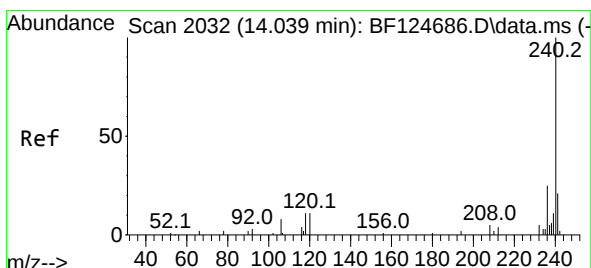
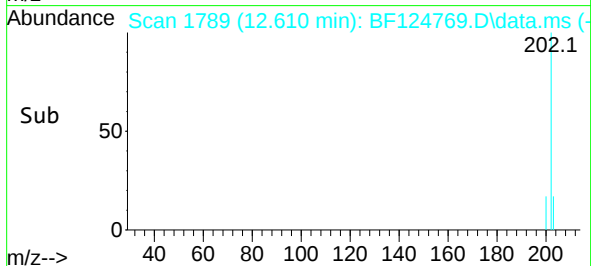
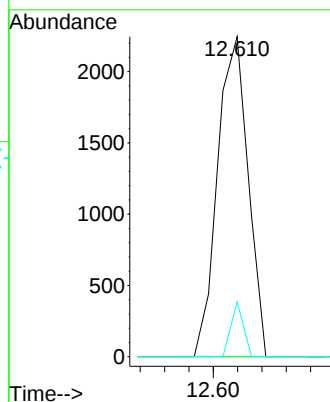
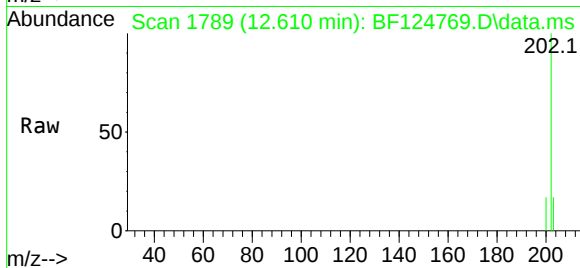




#75
Fluoranthene
Concen: 2.157 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

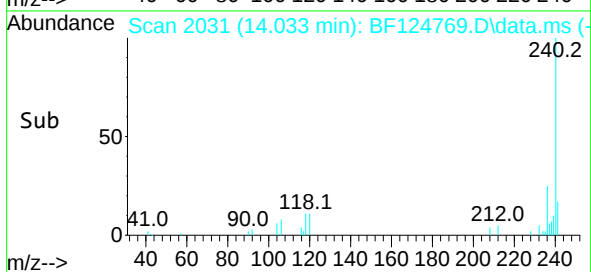
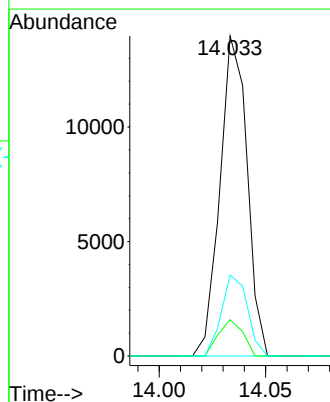
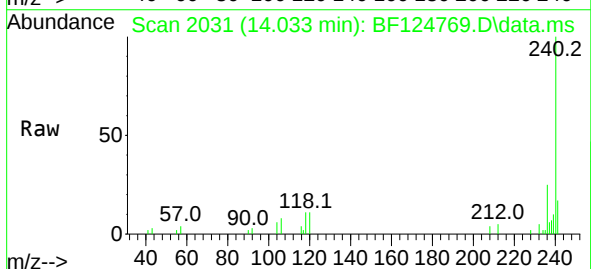
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-1

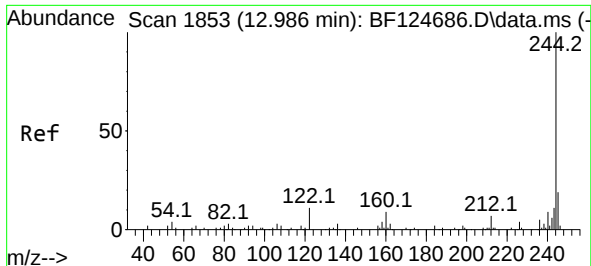
Tgt Ion:	202	Resp:	1955
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.7
203	17.1	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

Tgt Ion:	240	Resp:	12386
Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.8	16.2
236	25.3	21.6	32.4

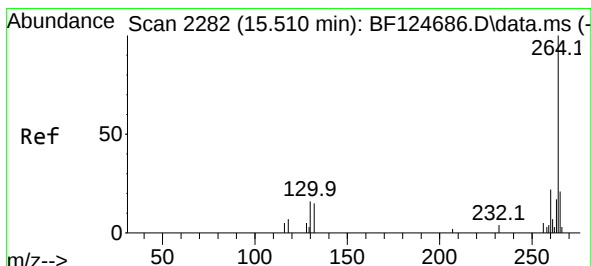
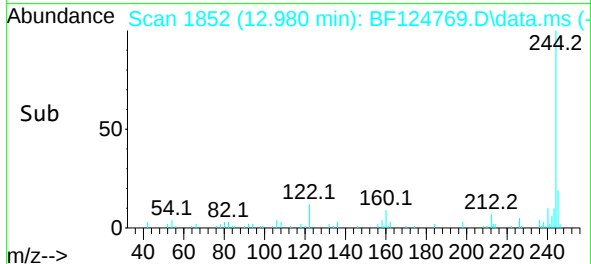
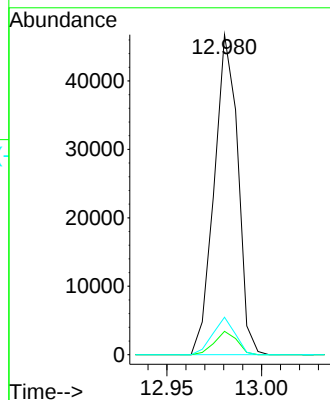
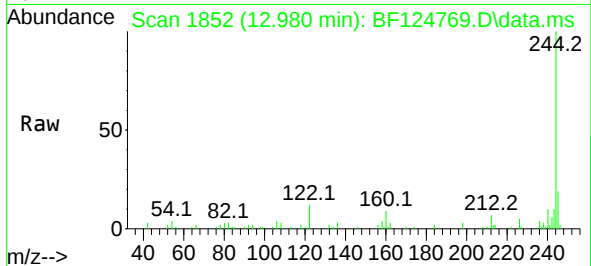




#79
Terphenyl-d14
Concen: 56.202 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

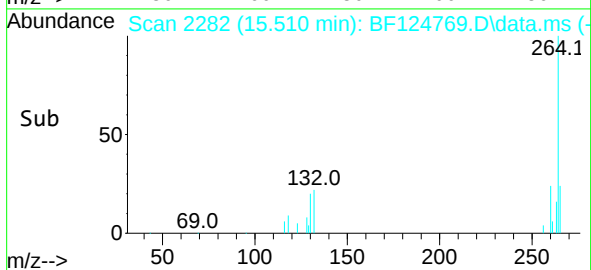
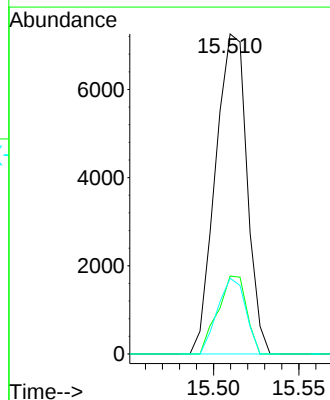
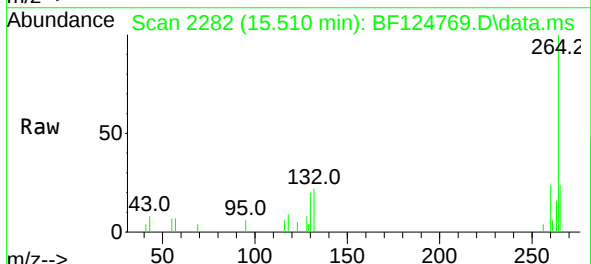
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-1

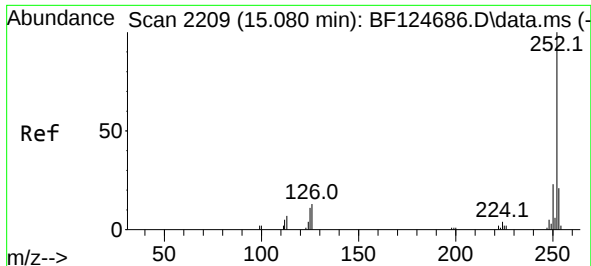
Tgt Ion:244 Resp: 40610
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

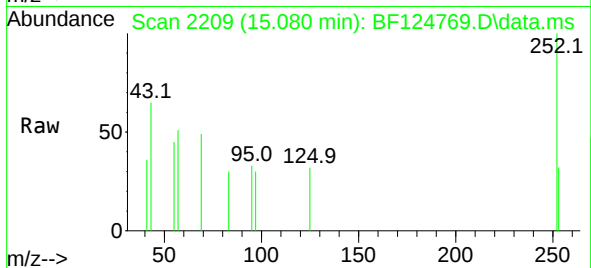
Tgt Ion:264 Resp: 9336
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 23.6 17.2 25.8



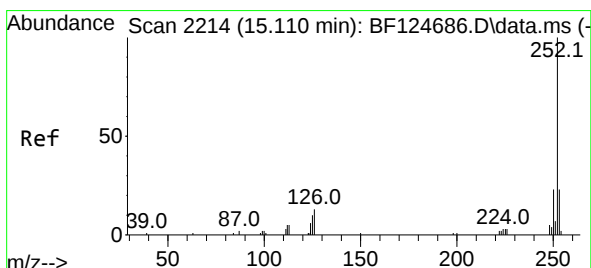
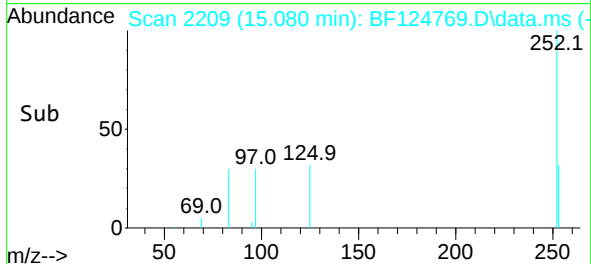
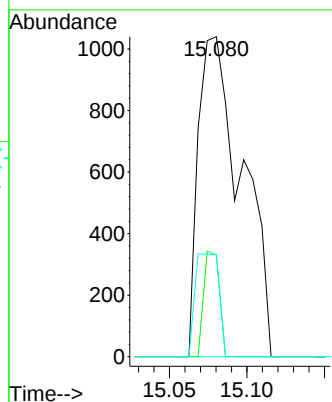


#88
Benzo(b)fluoranthene
Concen: 3.105 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-1



Tgt Ion:252 Resp: 2041
Ion Ratio Lower Upper
252 100
253 31.7 16.8 25.2#
125 32.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.398 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.029 min
Lab File: BF124769.D
Acq: 26 Jul 2021 17:29

Tgt Ion:252 Resp: 2041
Ion Ratio Lower Upper
252 100
253 31.7 17.8 26.8#
125 32.0 7.2 10.8#

