

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124767.D
 Acq On : 26 Jul 2021 16:19
 Operator : JU/CG
 Sample : M3117-08RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-8

Quant Time: Jul 26 17:08:05 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)

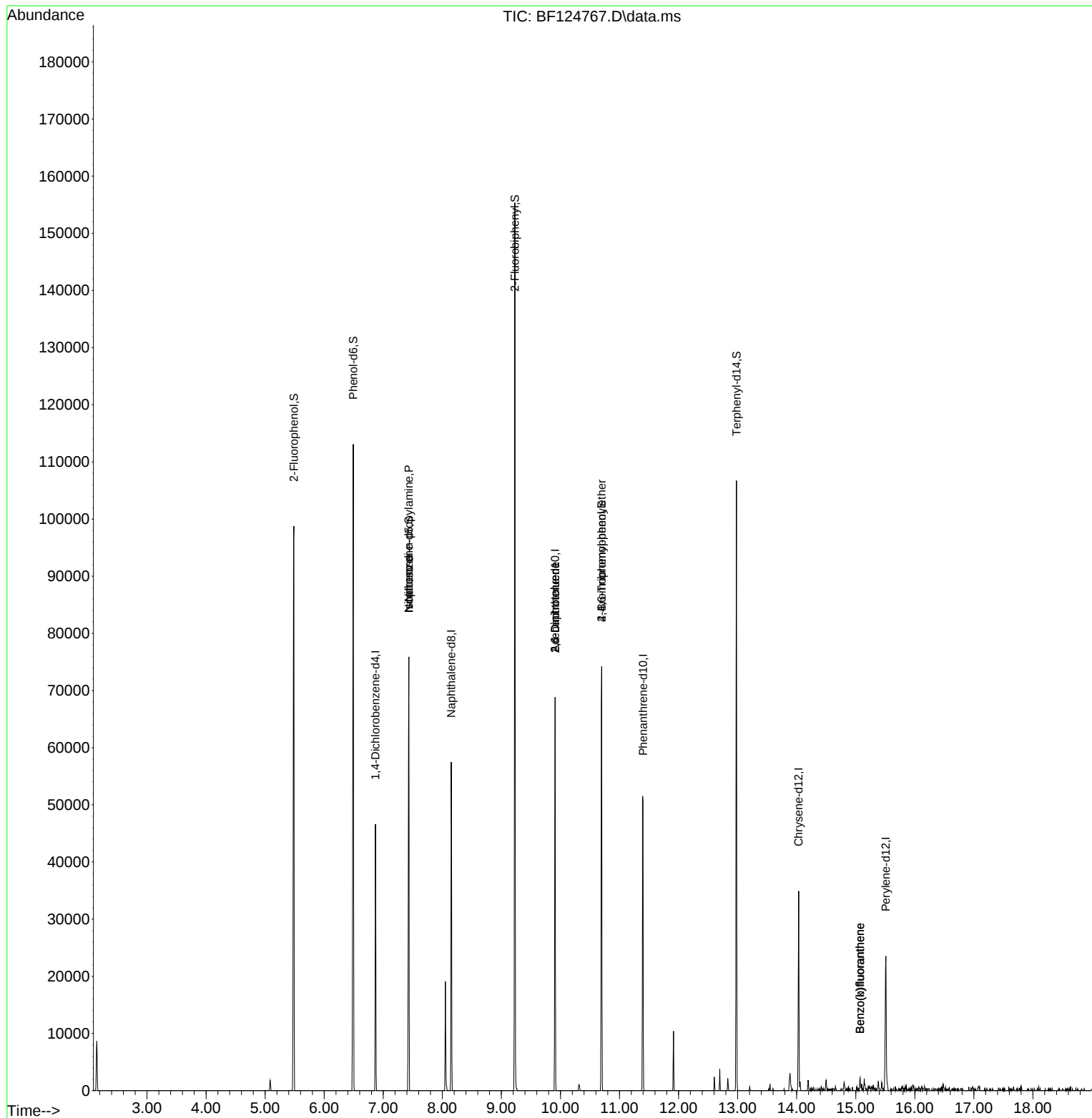
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6314	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	24126	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	13013	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	20704	20.000	ng	0.00
76) Chrysene-d12	14.033	240	12548	20.000	ng	0.00
86) Perylene-d12	15.509	264	12037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	27569	73.929	ng	0.00
7) Phenol-d6	6.492	99	32601	69.734	ng	0.00
23) Nitrobenzene-d5	7.434	82	21270	52.472	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	8171	73.132	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	42327	47.774	ng	0.00
79) Terphenyl-d14	12.980	244	32308	44.135	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	2602	10.423	ng	Qvalue
25) Isophorone	7.434	82	21268	29.672	ng	# 75
51) 2,6-Dinitrotoluene	9.910	165	1740	8.790	ng	# 59
57) 2,4-Dinitrotoluene	9.910	165	1740	6.477	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	497	2.263	ng	# 18
88) Benzo(b)fluoranthene	15.074	252	2254	2.660	ng	# 1
89) Benzo(k)fluoranthene	15.074	252	2254	2.911	ng	# 81

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

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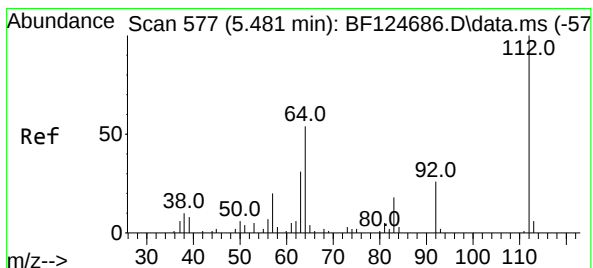
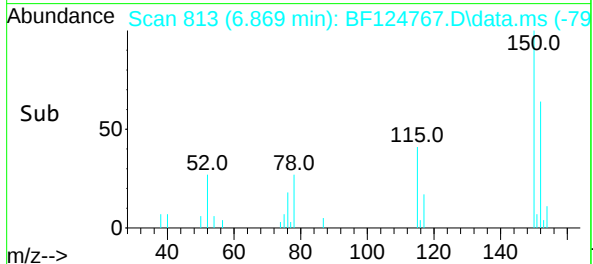
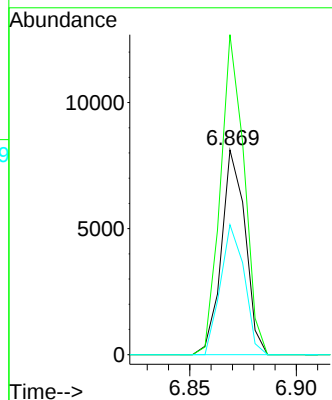
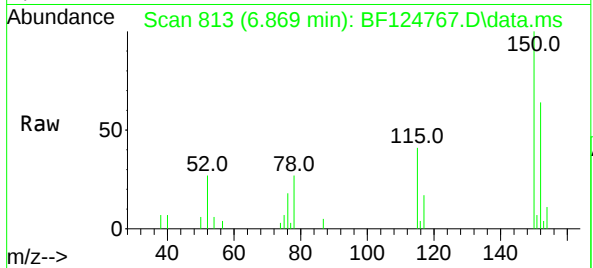




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

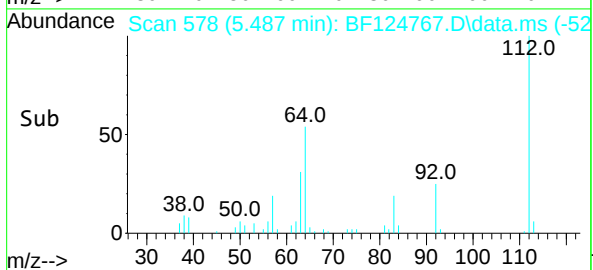
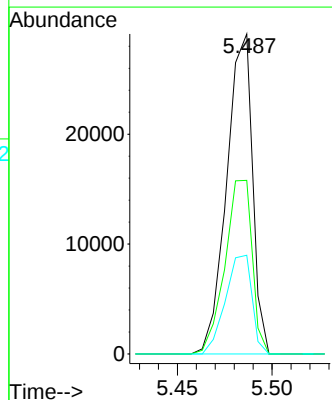
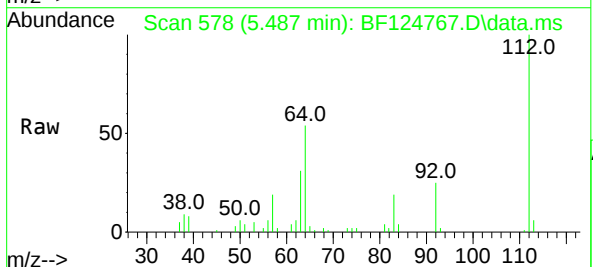
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-8

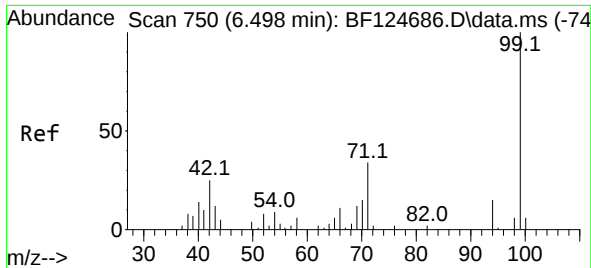
Tgt Ion:152 Resp: 6314
Ion Ratio Lower Upper
152 100
150 156.3 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 73.929 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

Tgt Ion:112 Resp: 27569
Ion Ratio Lower Upper
112 100
64 54.3 44.2 66.2
63 30.8 26.2 39.2

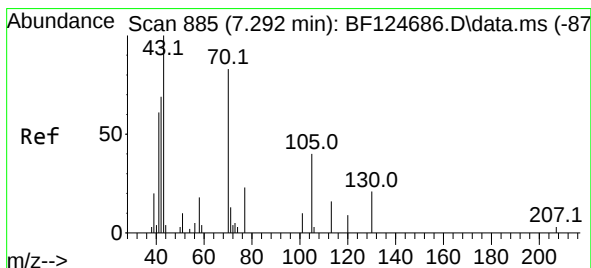
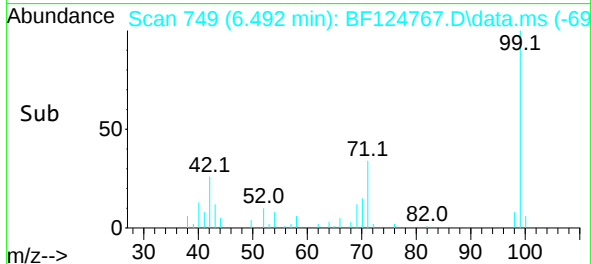
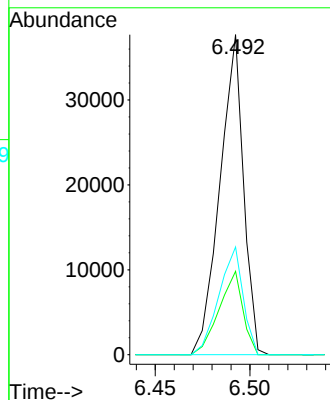
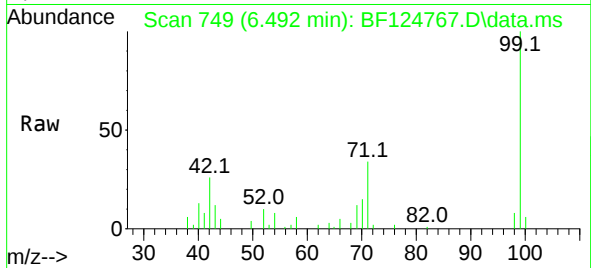




#7
Phenol-d6
Concen: 69.734 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

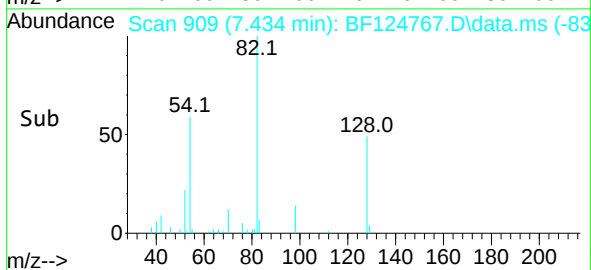
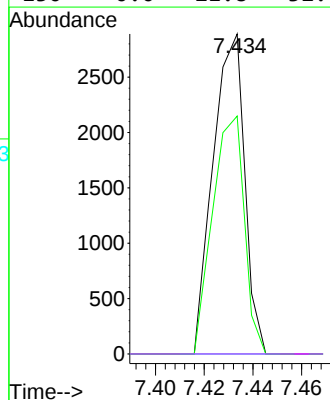
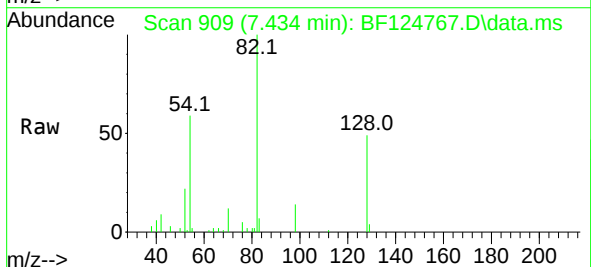
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-8

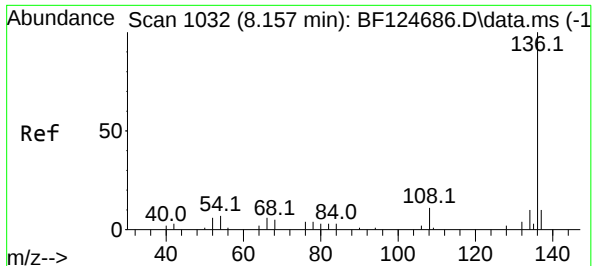
Tgt Ion: 99	Resp: 32601
Ion Ratio	Lower Upper
99 100	
42 26.1	23.5 35.3
71 33.7	25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.423 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

Tgt Ion: 70	Resp: 2602
Ion Ratio	Lower Upper
70 100	
42 74.4	72.2 108.2
101 0.0	7.8 11.8#
130 0.0	21.8 32.6#

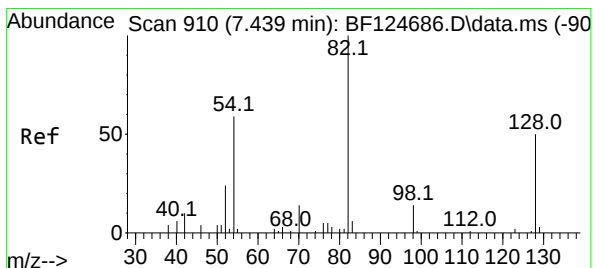
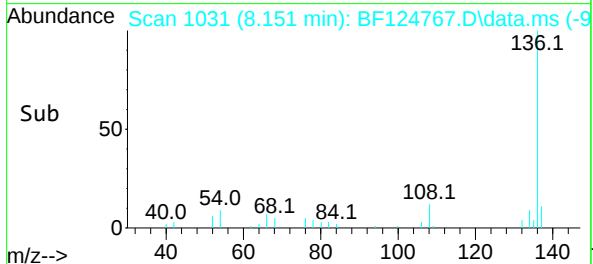
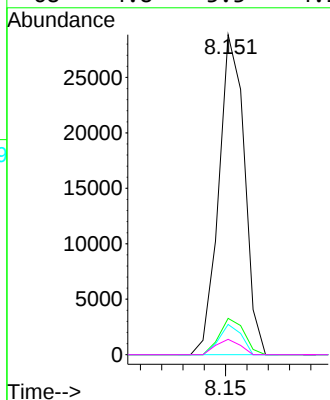
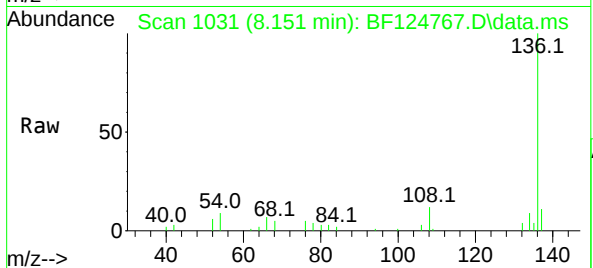




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

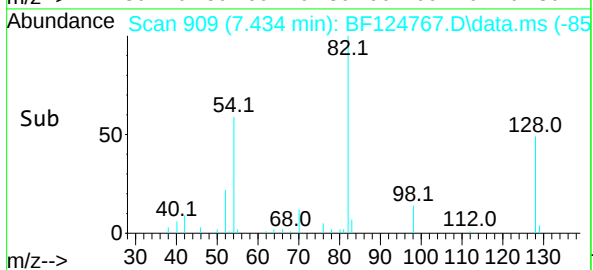
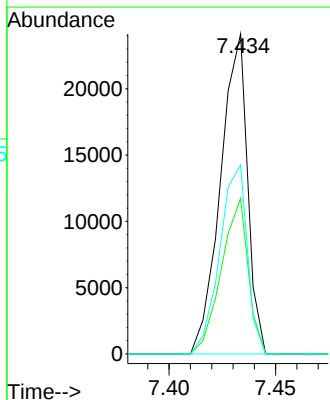
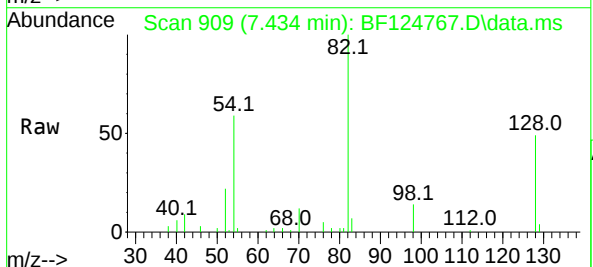
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-8

Tgt Ion:136	Resp:	24126
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.8 14.6
54	9.5	6.4 9.6
68	4.8	3.3 4.9



#23
Nitrobenzene-d5
Concen: 52.472 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

Tgt Ion: 82	Resp:	21270
Ion Ratio	Lower	Upper
82	100	
128	48.7	40.6 60.8
54	59.1	49.6 74.4

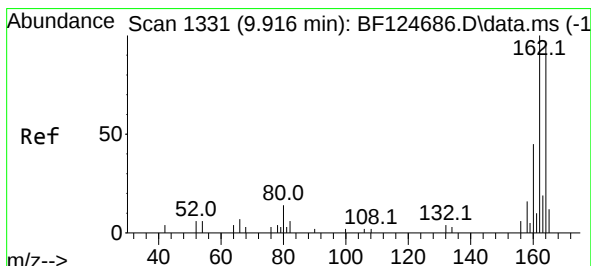
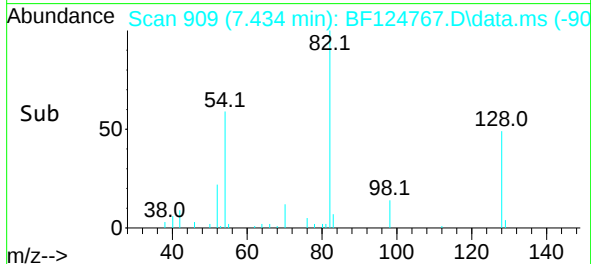
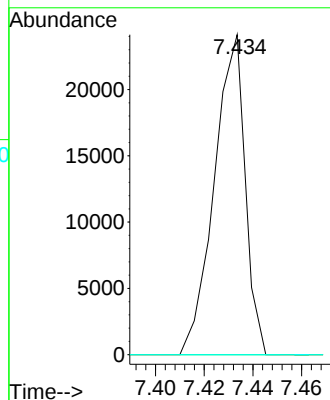
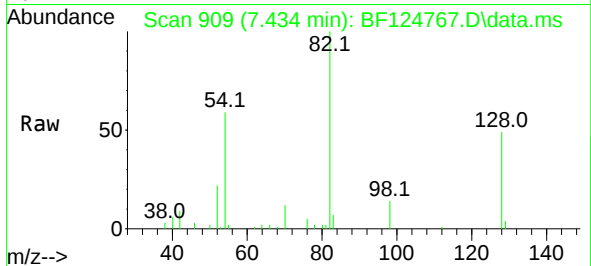




#25
Isophorone
Concen: 29.672 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

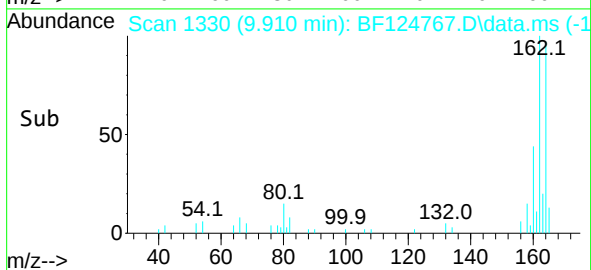
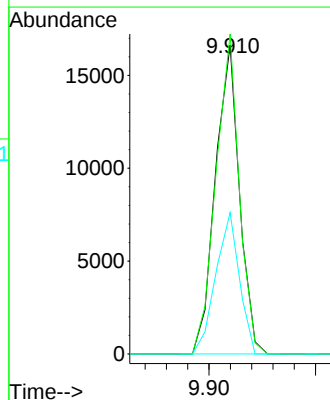
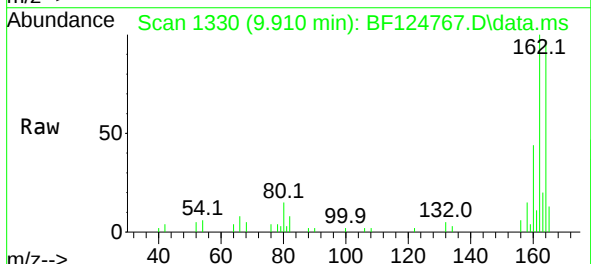
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ClientSampleId :
NJ-CLEAN-8

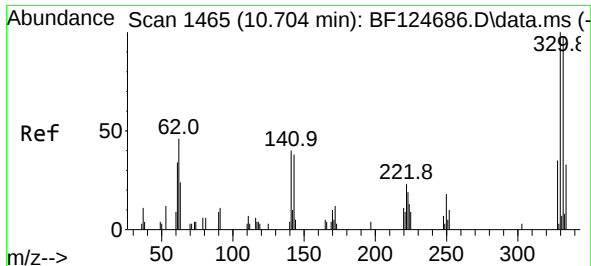
Tgt Ion: 82 Resp: 21268
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

Tgt Ion: 164 Resp: 13013
Ion Ratio Lower Upper
164 100
162 103.6 81.3 121.9
160 45.8 38.0 57.0

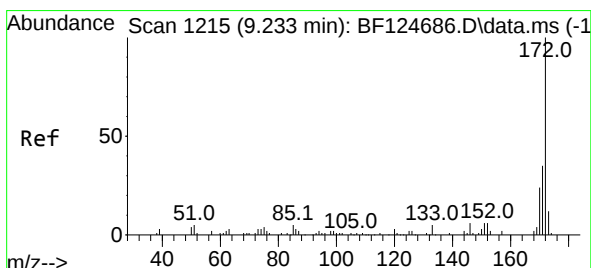
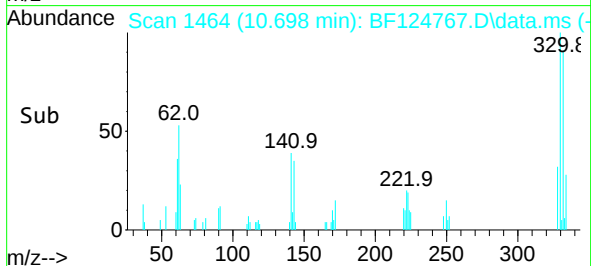
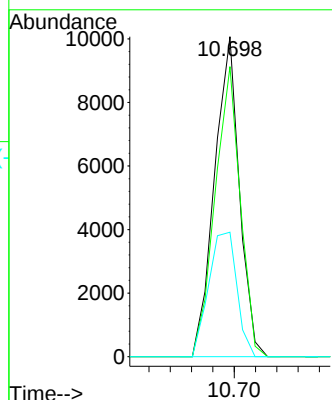
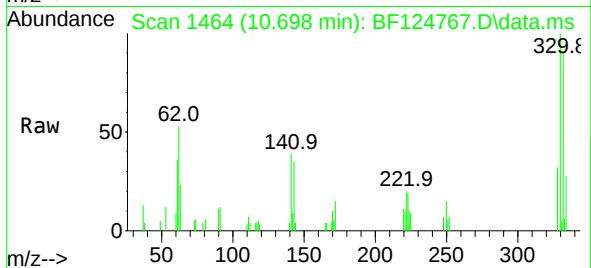




#42
2,4,6-Tribromophenol
Concen: 73.132 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

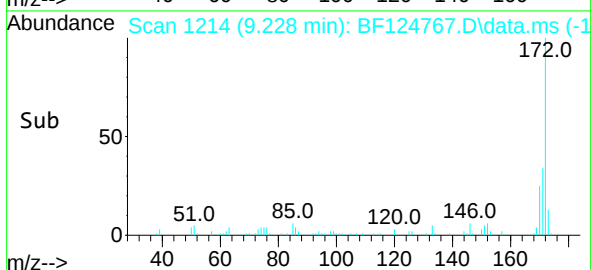
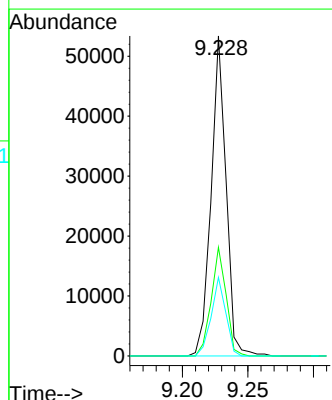
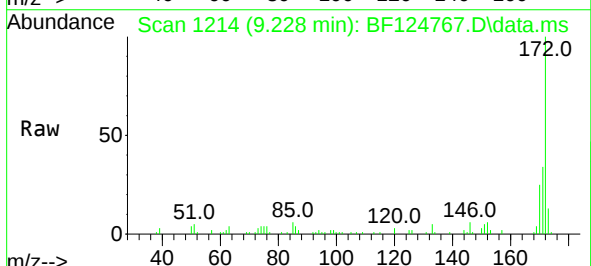
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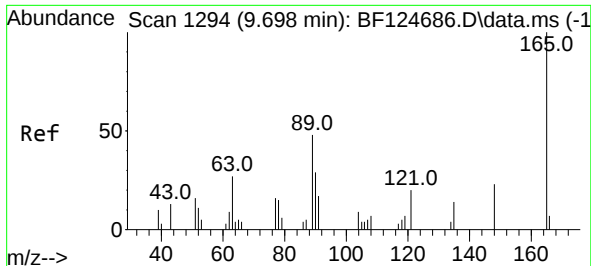
Tgt Ion: 330 Resp: 8171
Ion Ratio Lower Upper
330 100
332 91.5 76.2 114.4
141 44.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 47.774 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

Tgt Ion: 172 Resp: 42327
Ion Ratio Lower Upper
172 100
171 33.9 26.5 39.7
170 24.6 18.8 28.2

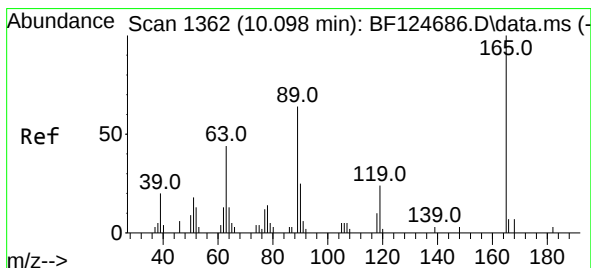
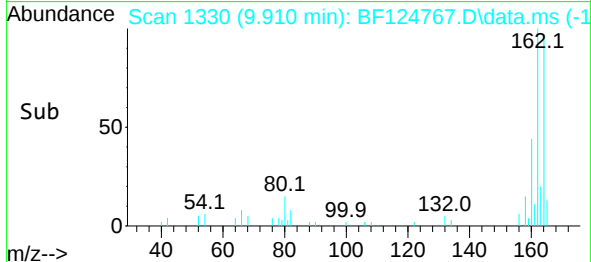
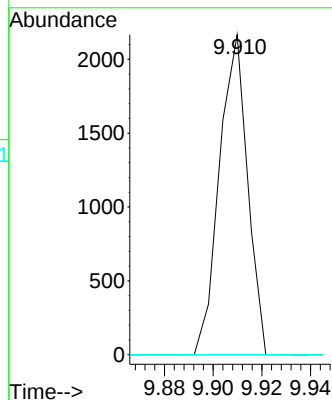
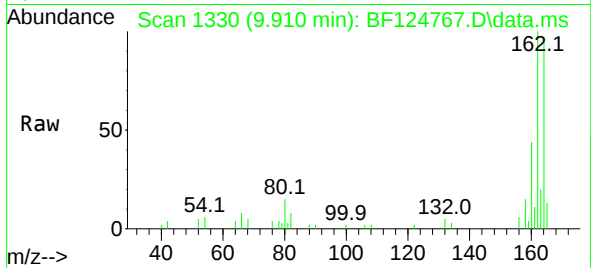




#51
2,6-Dinitrotoluene
Concen: 8.790 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

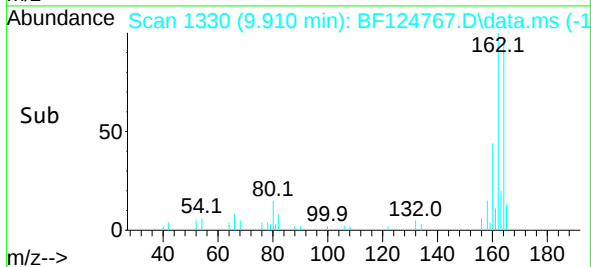
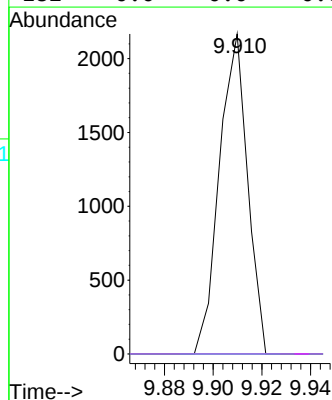
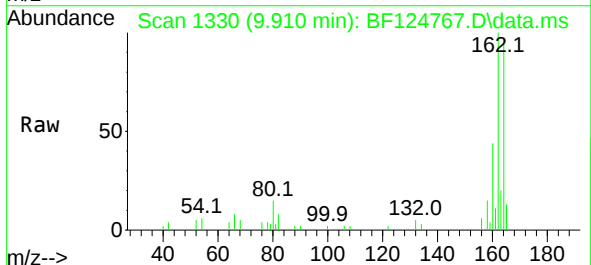
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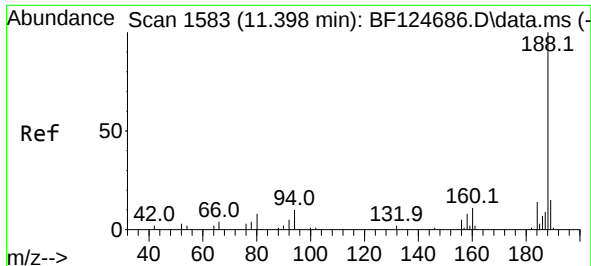
Tgt Ion:165 Resp: 1740
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.477 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

Tgt Ion:165 Resp: 1740
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

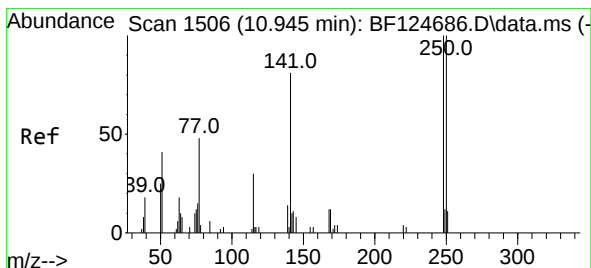
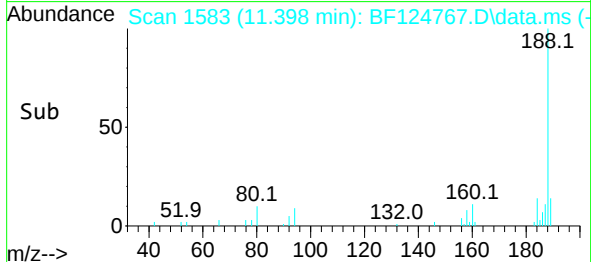
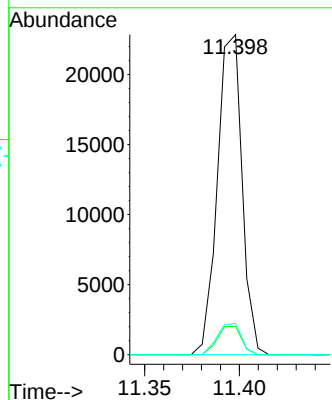
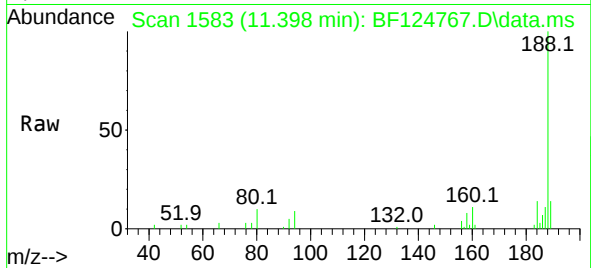




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

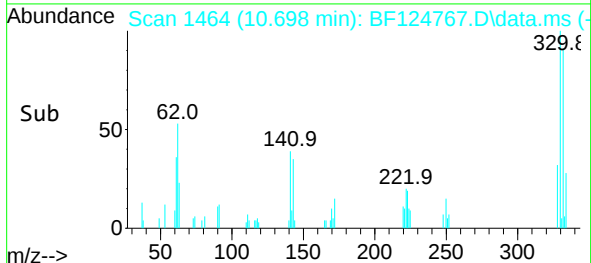
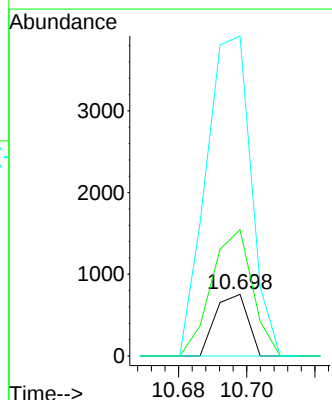
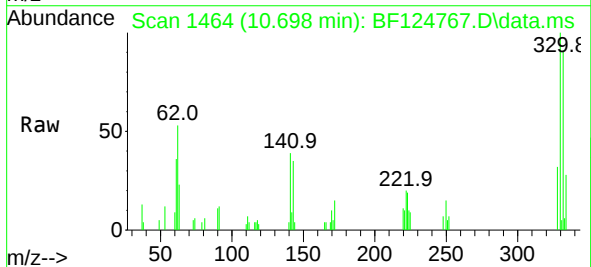
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-8

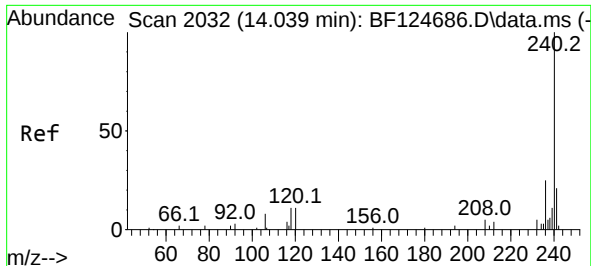
Tgt Ion:188 Resp: 20704
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.263 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

Tgt Ion:248 Resp: 497
Ion Ratio Lower Upper
248 100
250 204.9 74.2 111.4#
141 519.5 60.4 90.6#

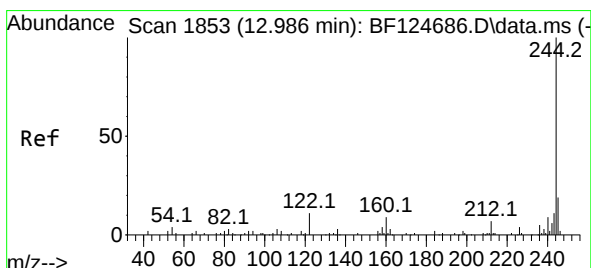
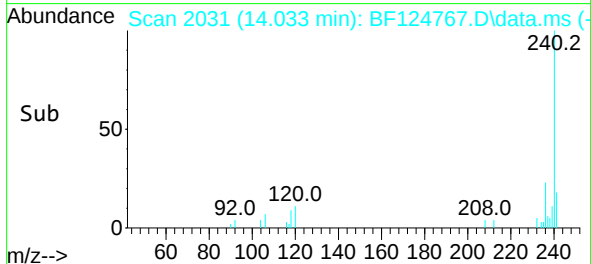
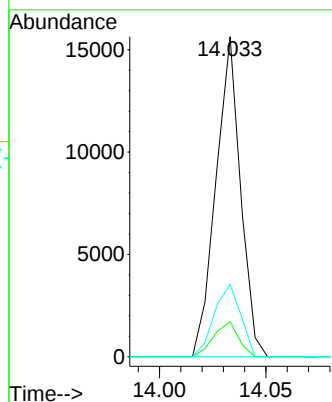
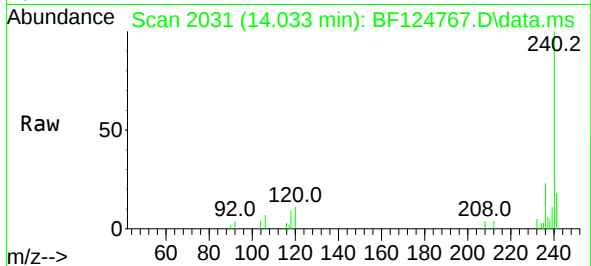




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

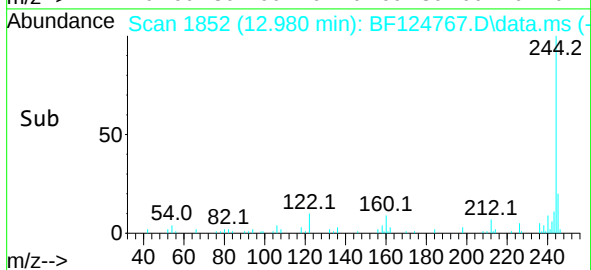
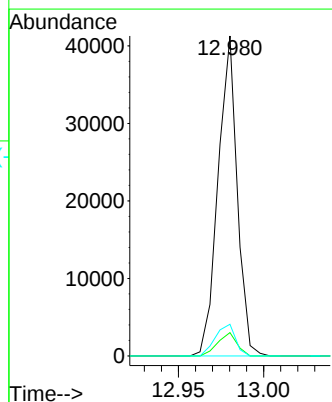
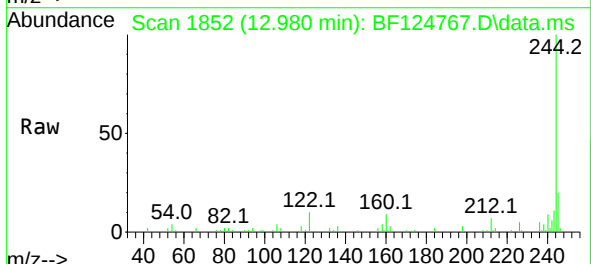
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-8

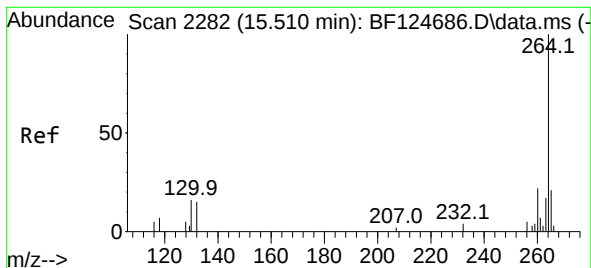
Tgt Ion:240 Resp: 12548
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 22.6 21.6 32.4



#79
Terphenyl-d14
Concen: 44.135 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

Tgt Ion:244 Resp: 32308
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.9 9.0 13.4

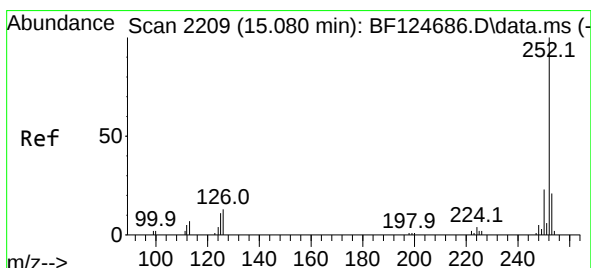
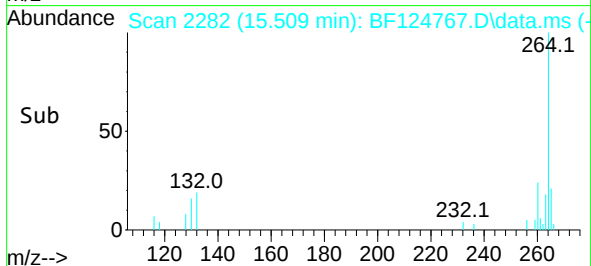
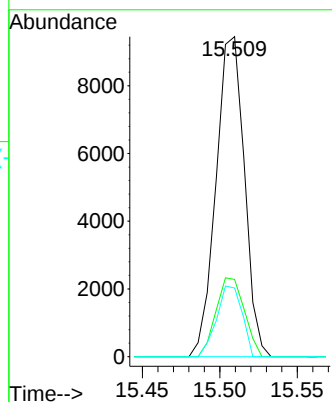
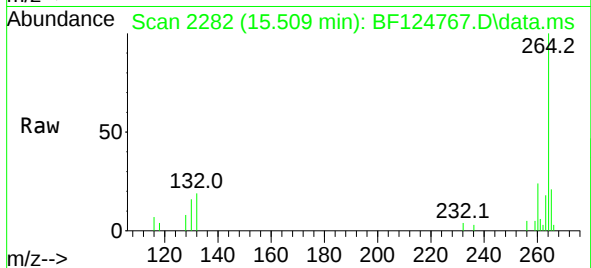




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

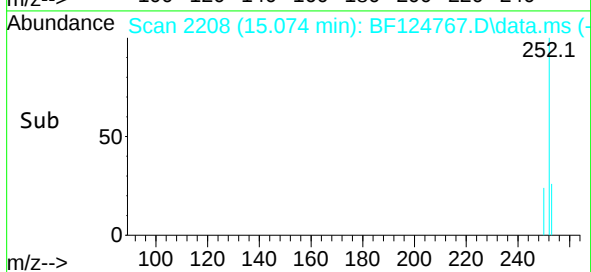
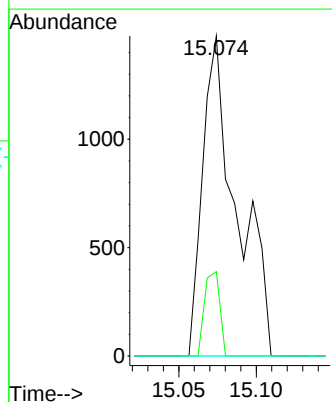
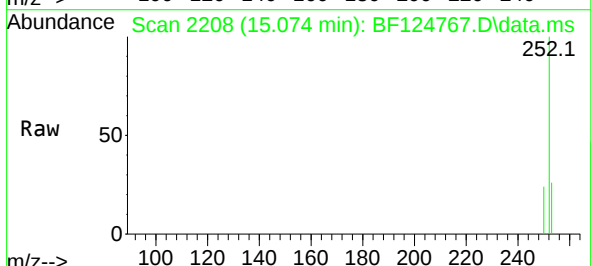
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-8

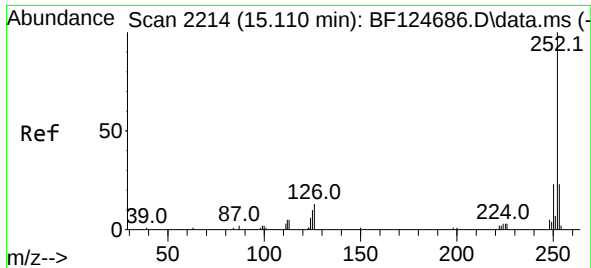
Tgt Ion:264 Resp: 12037
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.4 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.660 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124767.D
Acq: 26 Jul 2021 16:19

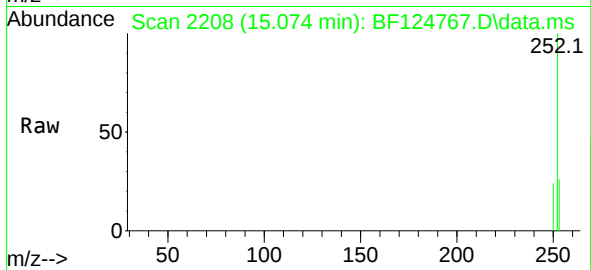
Tgt Ion:252 Resp: 2254
Ion Ratio Lower Upper
252 100
253 26.4 16.8 25.2#
125 0.0 9.8 14.8#





#89
 Benzo(k)fluoranthene
 Concen: 2.911 ng
 RT: 15.074 min Scan# 2208
 Delta R.T. -0.035 min
 Lab File: BF124767.D
 Acq: 26 Jul 2021 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-8



Tgt Ion:252 Resp: 2254
 Ion Ratio Lower Upper
 252 100
 253 26.4 17.8 26.8
 125 0.0 7.2 10.8#

