

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124770.D
 Acq On : 26 Jul 2021 18:03
 Operator : JU/CG
 Sample : M3117-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-3

Quant Time: Jul 26 18:33:57 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)

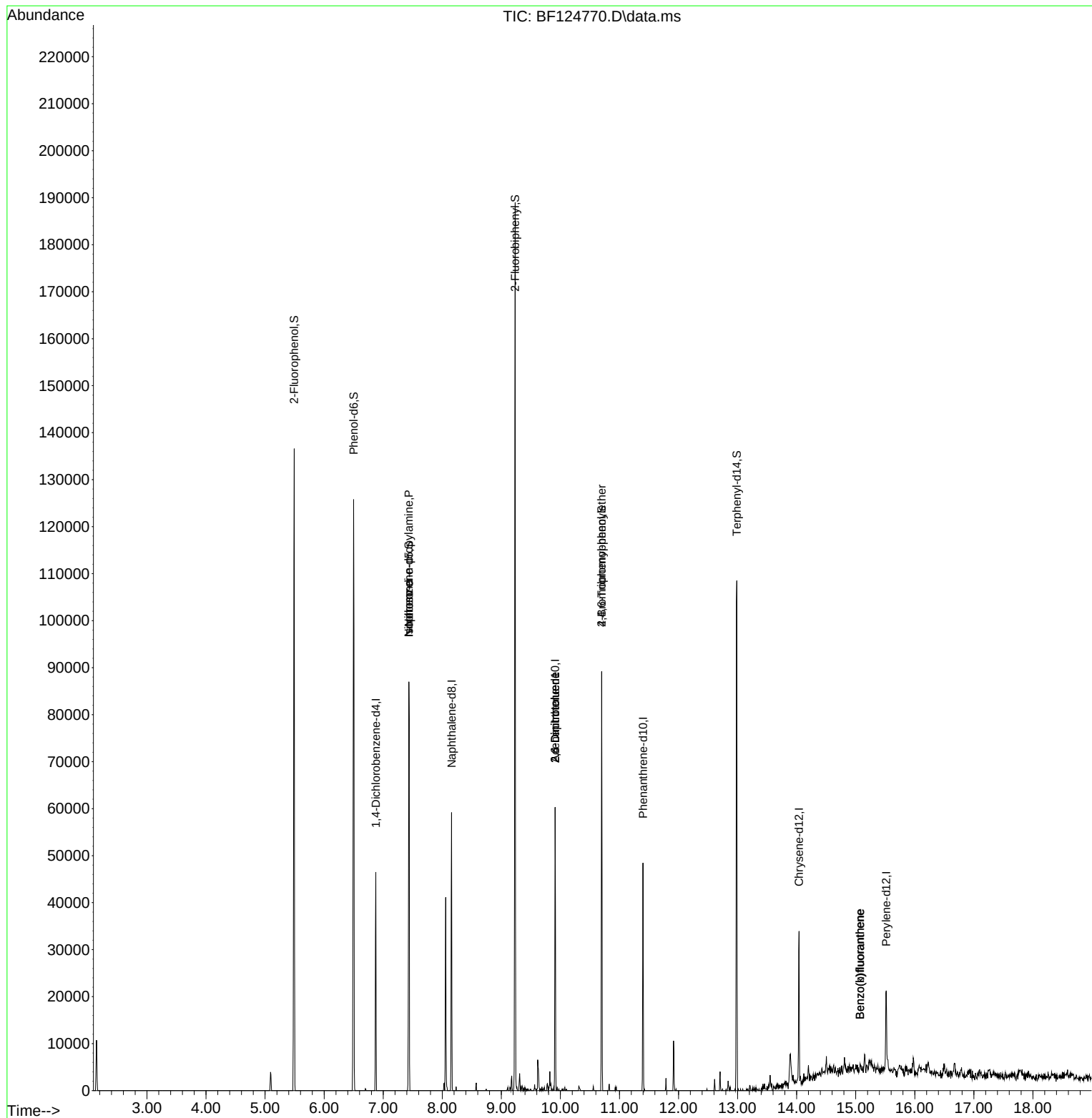
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	6410	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	23742	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	11757	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	16825	20.000	ng	0.00
76) Chrysene-d12	14.039	240	12005	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	8738	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	35139	92.817	ng	0.01
7) Phenol-d6	6.498	99	41860	88.199	ng	0.00
23) Nitrobenzene-d5	7.434	82	26710	66.958	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	8130	80.539	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	52618	65.733	ng	0.00
79) Terphenyl-d14	12.986	244	39163	55.919	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	3620	14.284	ng	# 71
25) Isophorone	7.434	82	26709	37.866	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1419	7.934	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1419	5.847	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	587	3.290	ng	# 1
88) Benzo(b)fluoranthene	15.074	252	1530	2.487	ng	# 60
89) Benzo(k)fluoranthene	15.074	252	1530	2.722	ng	# 60

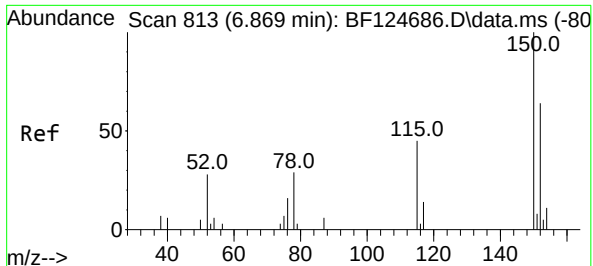
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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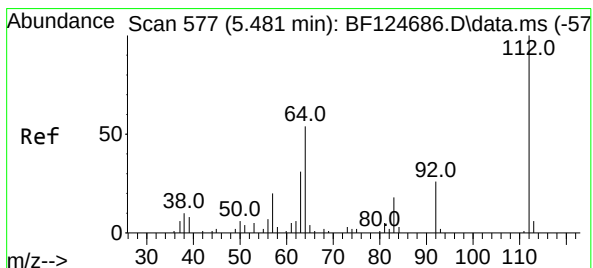
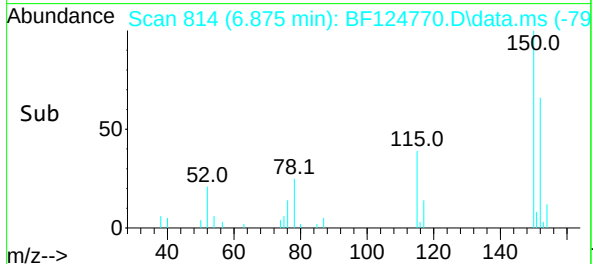
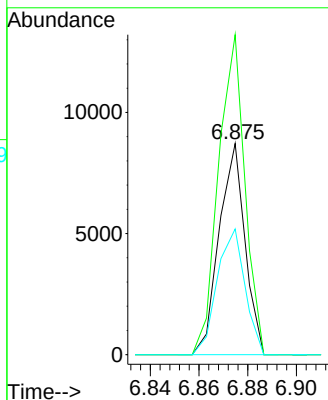
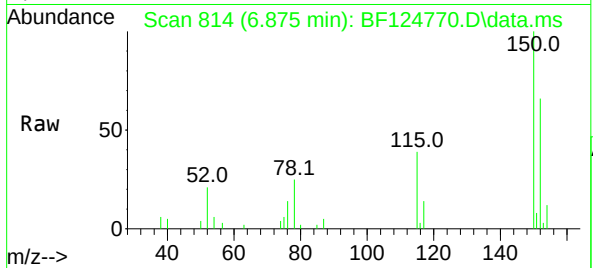




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

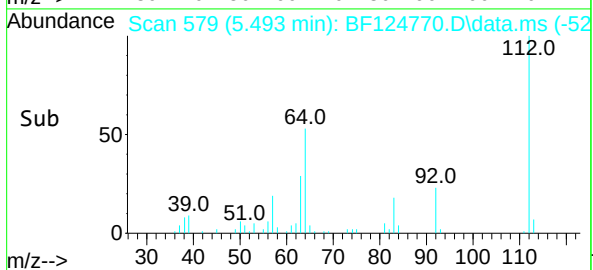
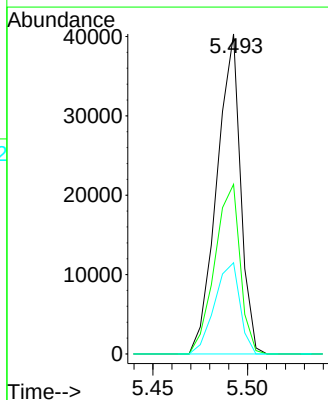
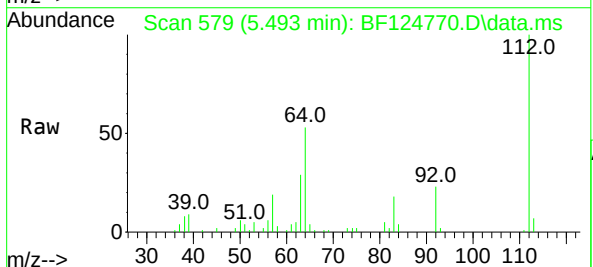
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-3

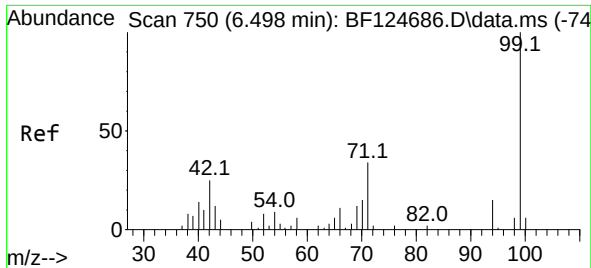
Tgt Ion:152 Resp: 6410
Ion Ratio Lower Upper
152 100
150 151.5 117.6 176.4
115 59.6 47.1 70.7



#5
2-Fluorophenol
Concen: 92.817 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

Tgt Ion:112 Resp: 35139
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 28.5 26.2 39.2

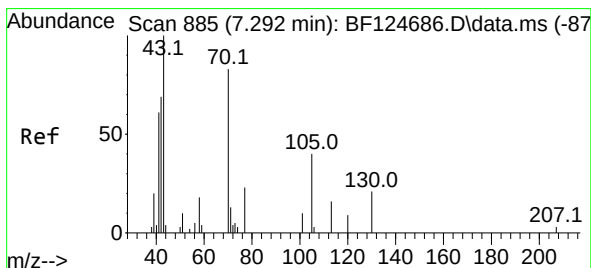
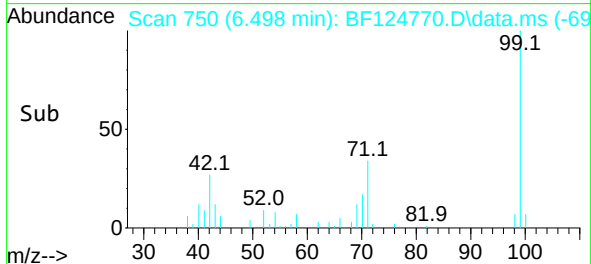
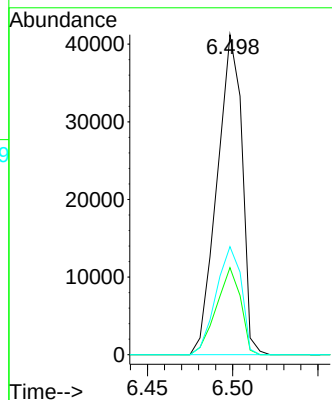
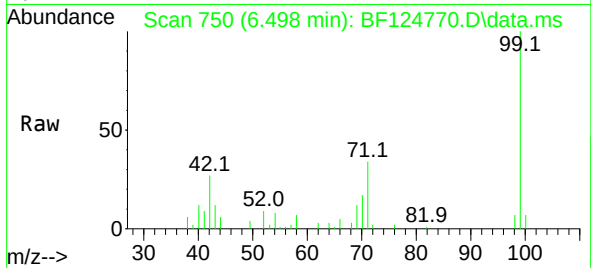




#7
Phenol-d6
Concen: 88.199 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

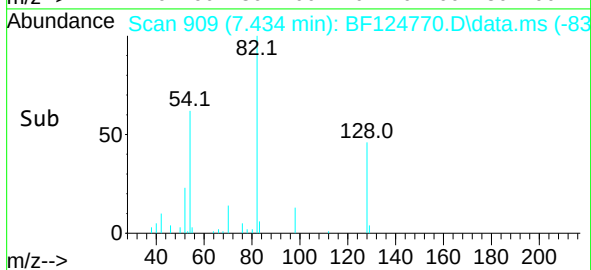
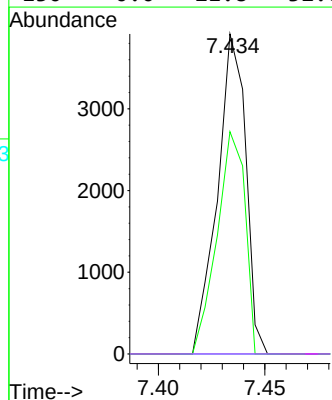
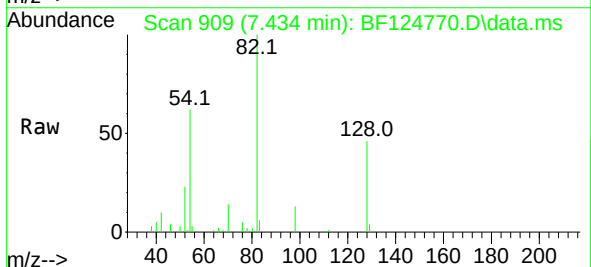
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-3

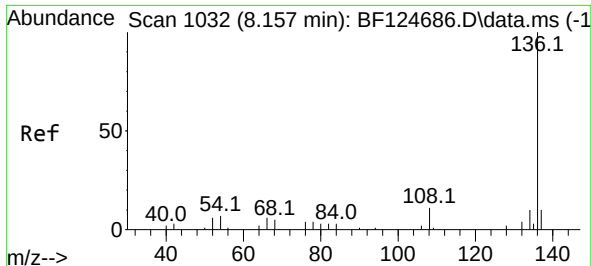
Tgt Ion:	99	Resp:	41860
Ion	Ratio	Lower	Upper
99	100		
42	27.2	23.5	35.3
71	33.8	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.284 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

Tgt Ion:	70	Resp:	3620
Ion	Ratio	Lower	Upper
70	100		
42	69.5	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

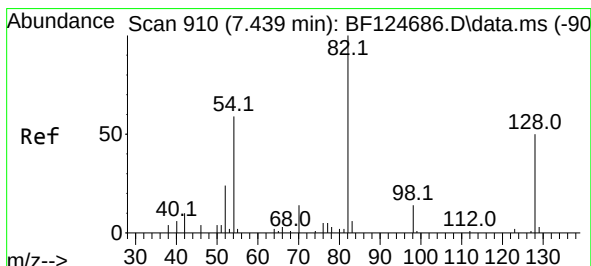
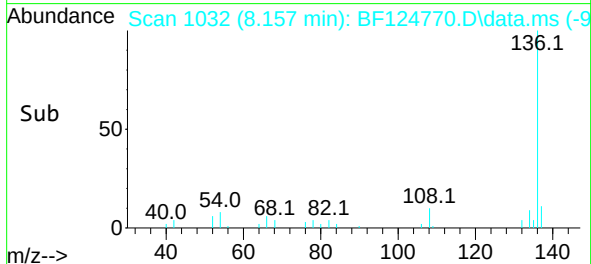
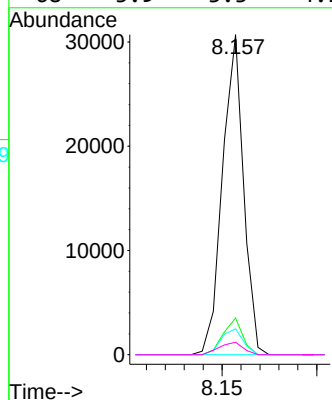
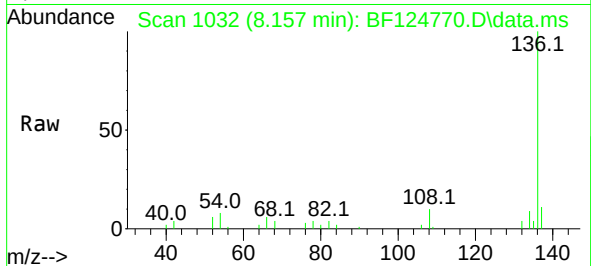




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

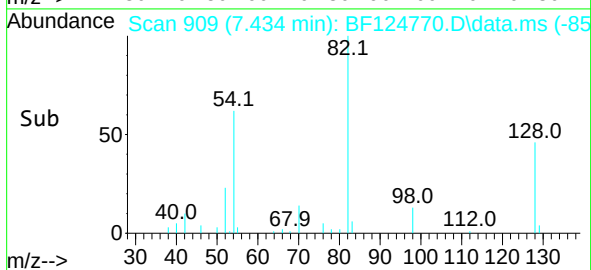
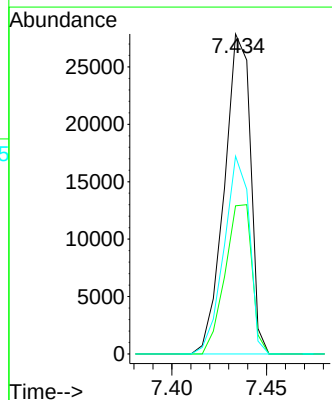
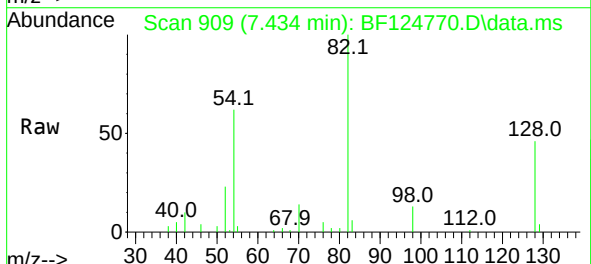
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-3

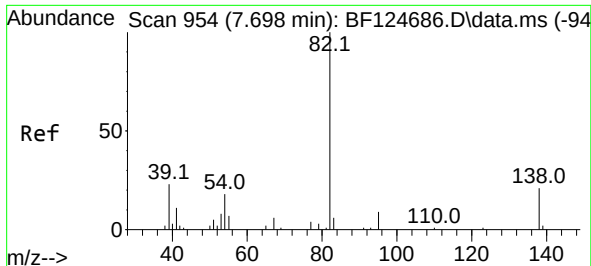
Tgt Ion:136	Resp:	23742
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.8 14.6
54	8.1	6.4 9.6
68	3.9	3.3 4.9



#23
Nitrobenzene-d5
Concen: 66.958 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

Tgt Ion: 82	Resp:	26710
Ion Ratio	Lower	Upper
82	100	
128	46.3	40.6 60.8
54	61.8	49.6 74.4

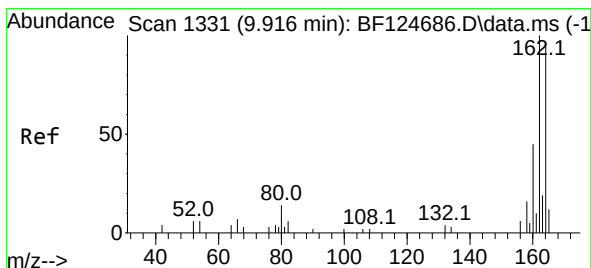
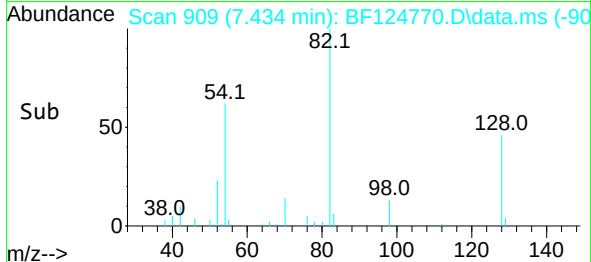
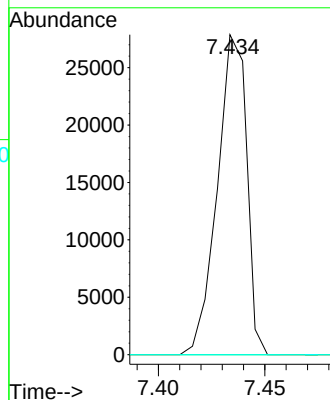
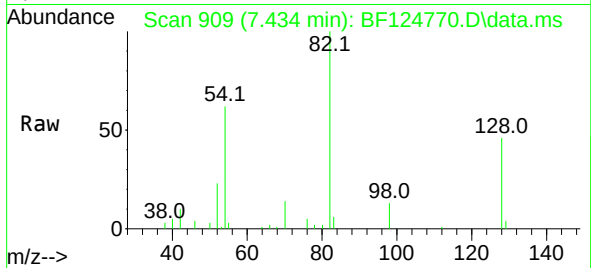




#25
Isophorone
Concen: 37.866 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

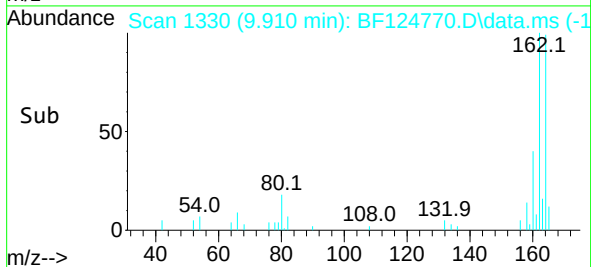
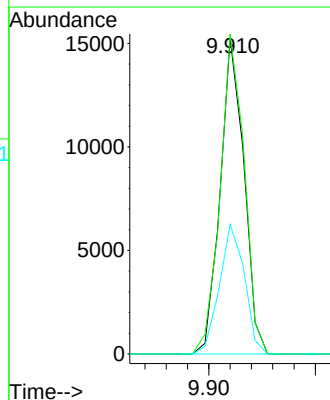
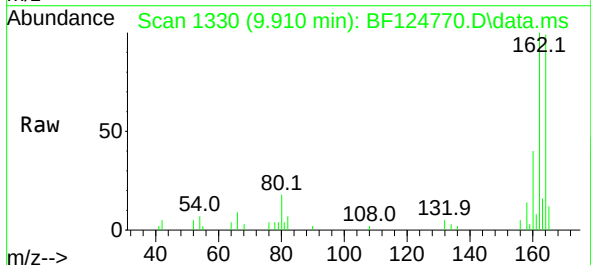
Instrument :
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ClientSampleId :
NJ-CLEAN-3

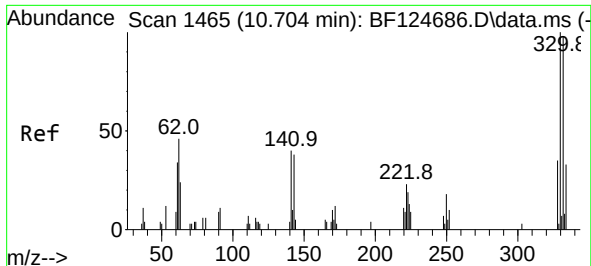
Tgt Ion: 82 Resp: 26709
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

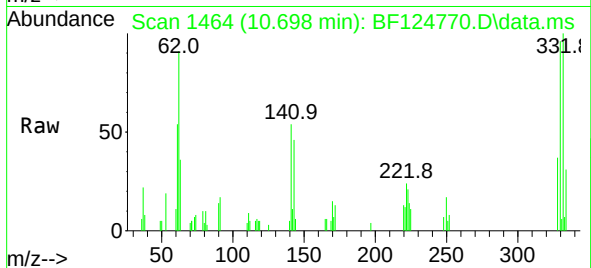
Tgt Ion: 164 Resp: 11757
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 41.0 38.0 57.0



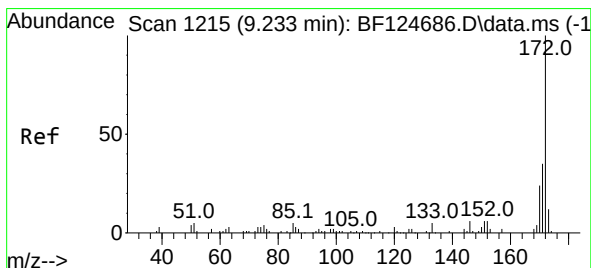
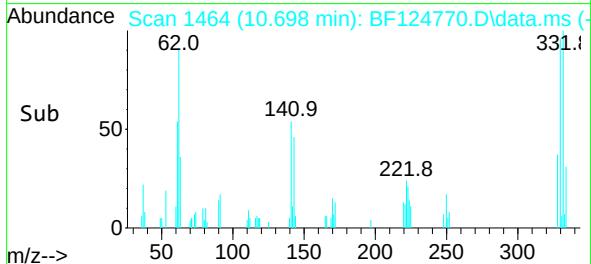
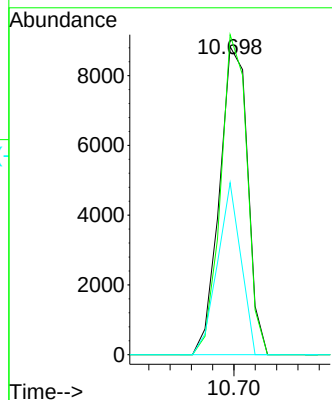


#42
2,4,6-Tribromophenol
Concen: 80.539 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-3

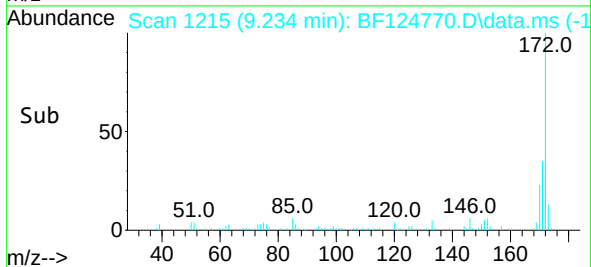
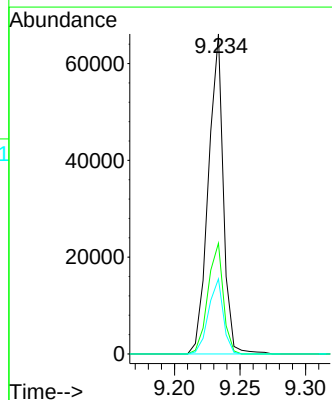
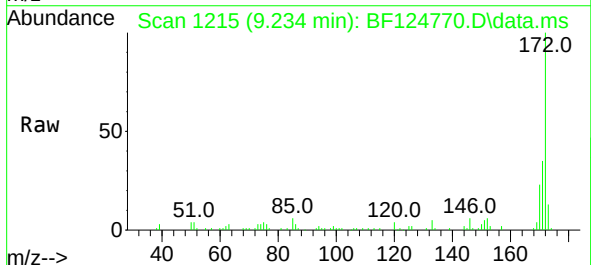


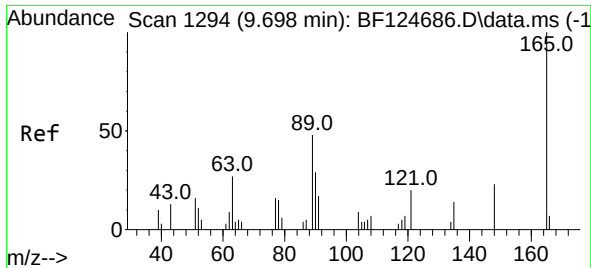
Tgt Ion: 330 Resp: 8130
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 46.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 65.733 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

Tgt Ion: 172 Resp: 52618
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.5 18.8 28.2

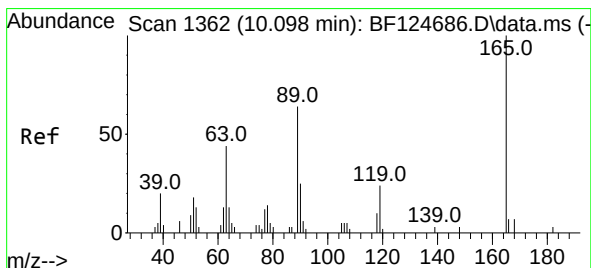
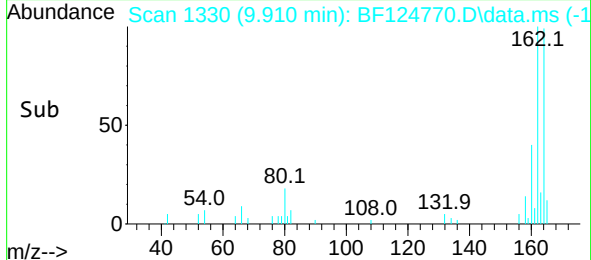
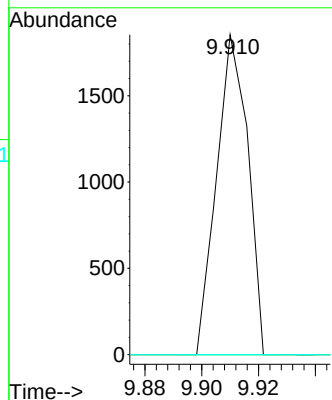
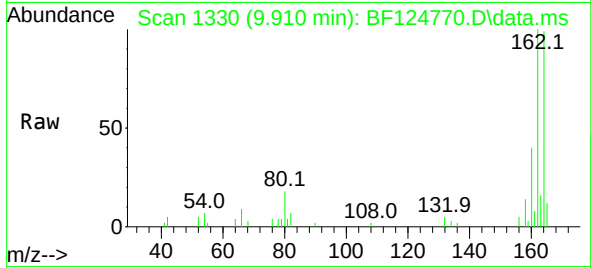




#51
2,6-Dinitrotoluene
Concen: 7.934 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

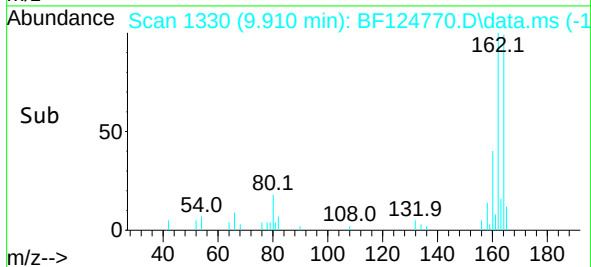
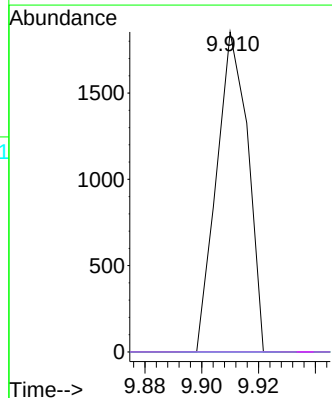
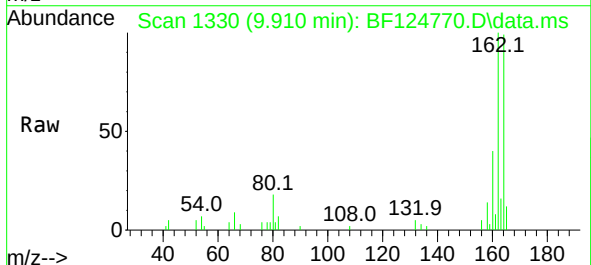
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-3

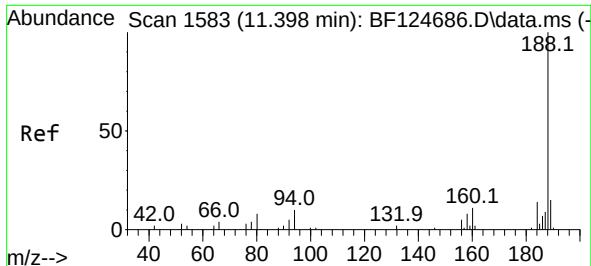
Tgt Ion:165 Resp: 1419
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.847 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

Tgt Ion:165 Resp: 1419
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

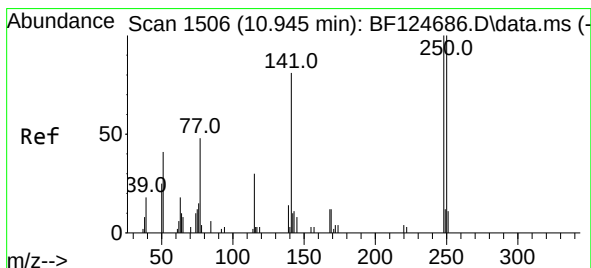
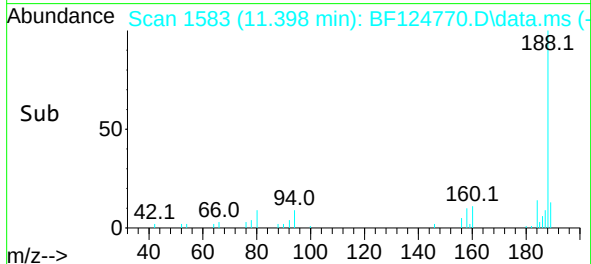
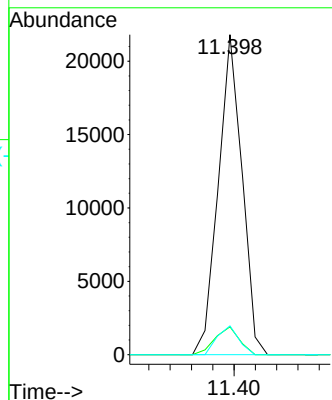
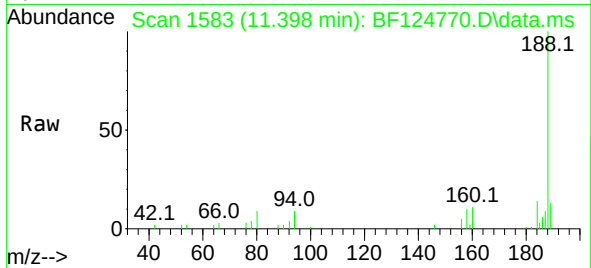




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

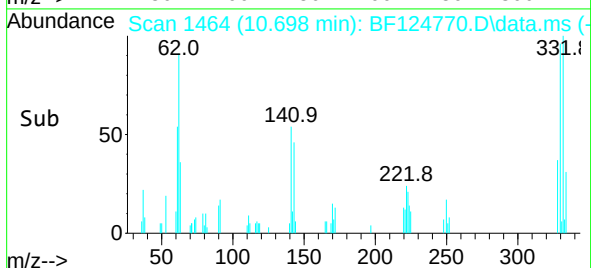
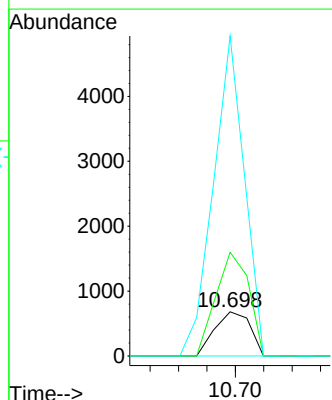
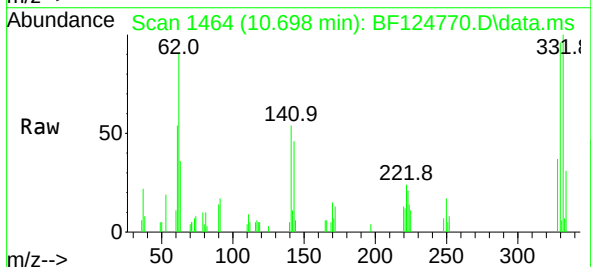
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-3

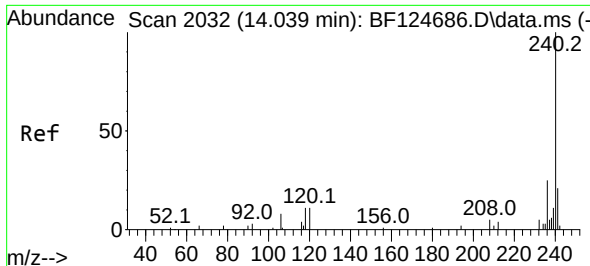
Tgt Ion:188 Resp: 16825
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.290 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

Tgt Ion:248 Resp: 587
Ion Ratio Lower Upper
248 100
250 234.8 74.2 111.4#
141 724.2 60.4 90.6#

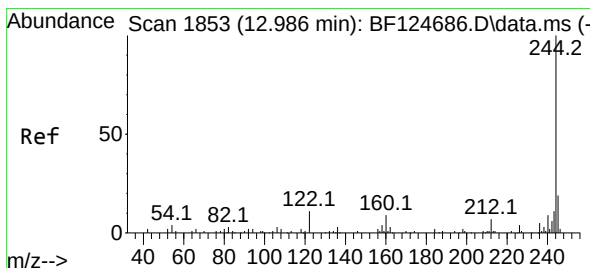
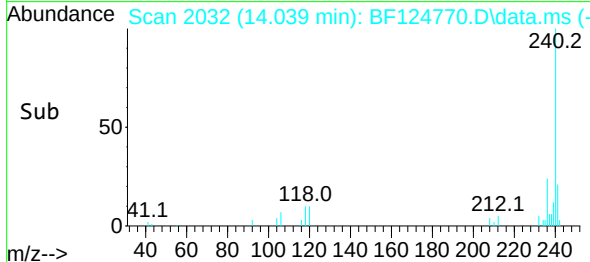
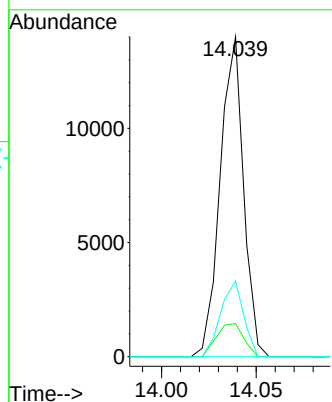
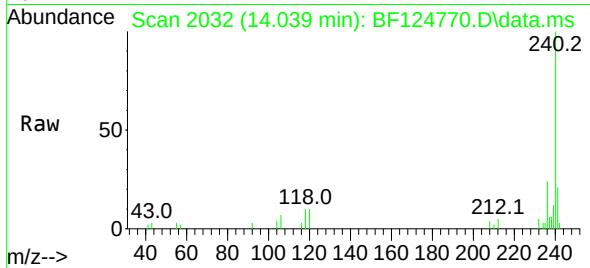




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

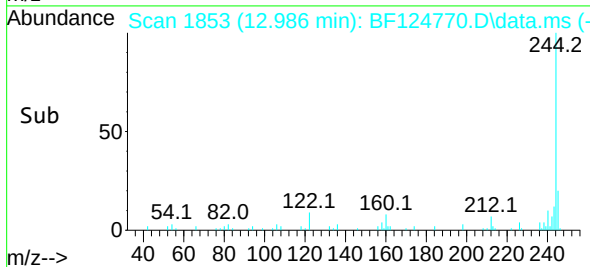
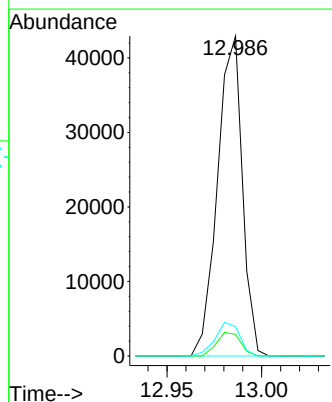
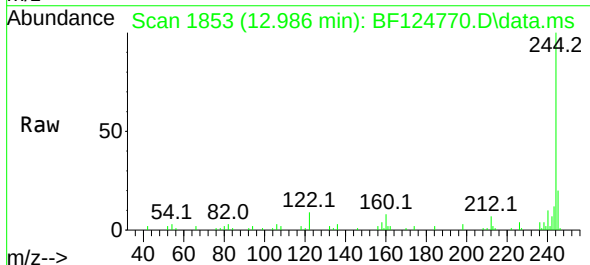
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-3

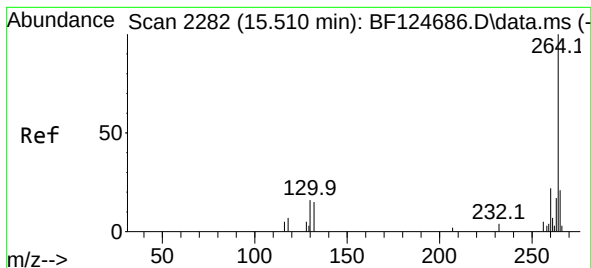
Tgt Ion:240 Resp: 12005
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 23.6 21.6 32.4



#79
Terphenyl-d14
Concen: 55.919 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124770.D
Acq: 26 Jul 2021 18:03

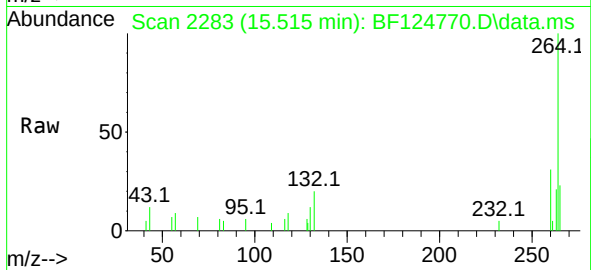
Tgt Ion:244 Resp: 39163
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.2 9.0 13.4



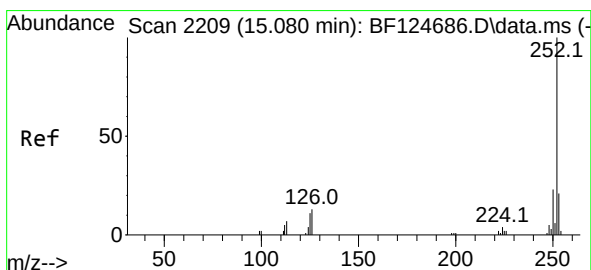
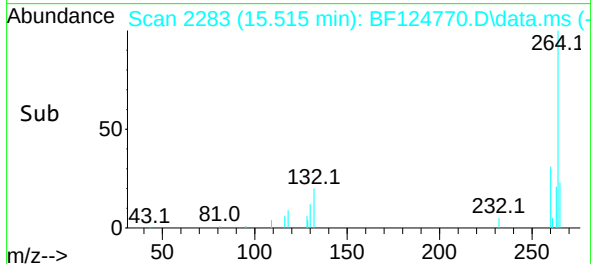
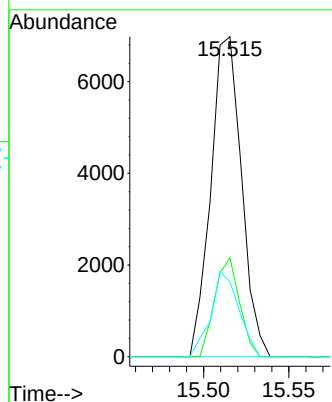


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124770.D
 Acq: 26 Jul 2021 18:03

Instrument :
 BNA_F
 ClientSampled :
 NJ-CLEAN-3

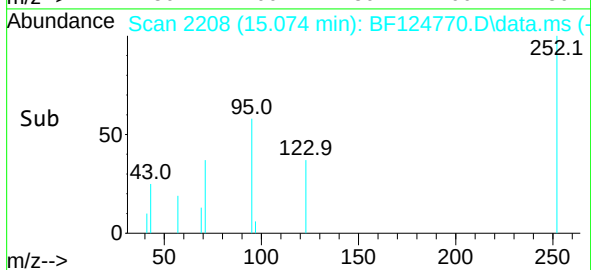
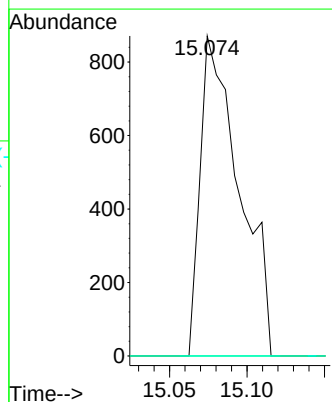
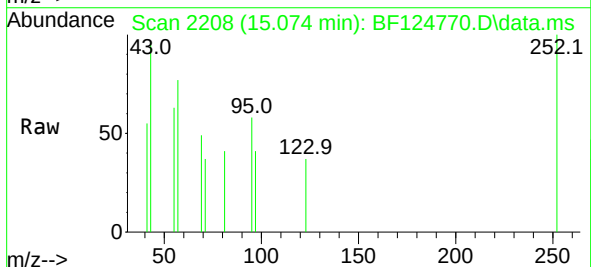


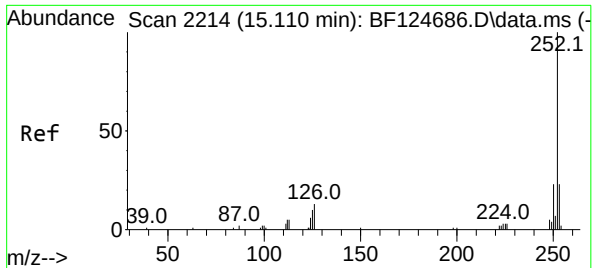
Tgt Ion:264 Resp: 8738
 Ion Ratio Lower Upper
 264 100
 260 30.9 19.6 29.4#
 265 23.4 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 2.487 ng
 RT: 15.074 min Scan# 2208
 Delta R.T. -0.006 min
 Lab File: BF124770.D
 Acq: 26 Jul 2021 18:03

Tgt Ion:252 Resp: 1530
 Ion Ratio Lower Upper
 252 100
 253 0.0 16.8 25.2#
 125 0.0 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 2.722 ng

RT: 15.074 min Scan# 2208

Delta R.T. -0.035 min

Lab File: BF124770.D

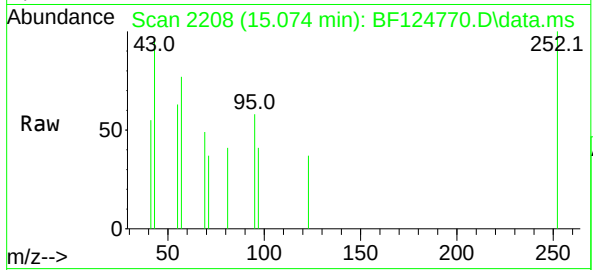
Acq: 26 Jul 2021 18:03

Instrument :

BNA_F

ClientSampleId :

NJ-CLEAN-3



Tgt Ion:252 Resp: 1530

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 0.0 7.2 10.8#

