

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124771.D
 Acq On : 26 Jul 2021 18:38
 Operator : JU/CG
 Sample : M3117-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-9

Quant Time: Jul 26 19:01:47 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)

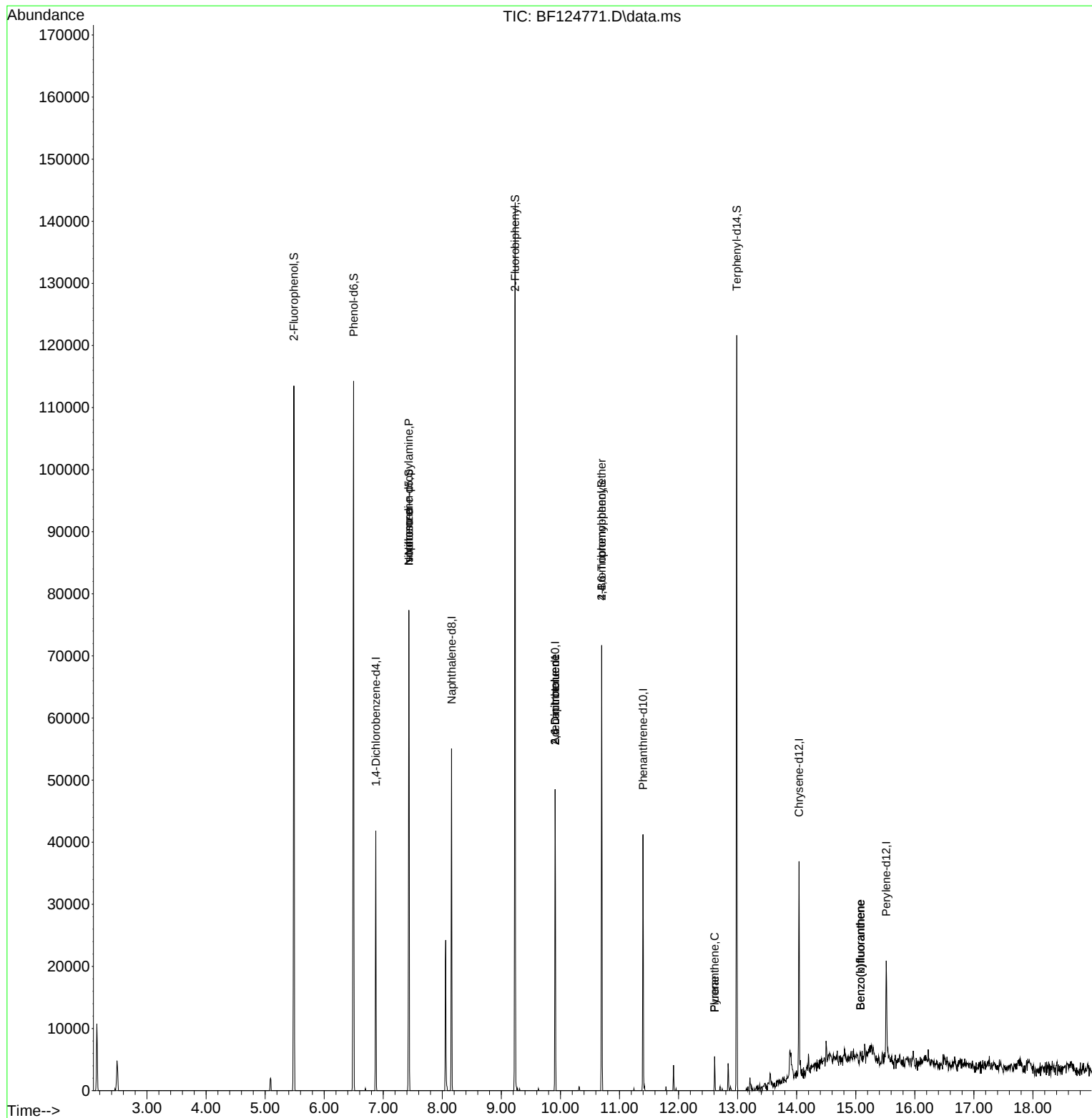
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5658	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	20929	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	9738	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	15180	20.000	ng	0.00
76) Chrysene-d12	14.039	240	11632	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	8470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	29777	89.108	ng	0.00
7) Phenol-d6	6.498	99	34594	82.577	ng	0.00
23) Nitrobenzene-d5	7.434	82	21641	61.542	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	6563	78.495	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	43299	65.306	ng	0.00
79) Terphenyl-d14	12.986	244	37247	54.889	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	2888	12.910	ng	# 75
25) Isophorone	7.434	82	21641	34.805	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1157	7.810	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1157	5.756	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	574	3.565	ng	# 1
75) Fluoranthene	12.610	202	2530	3.037	ng	98
78) Pyrene	12.610	202	2530	2.747	ng	96
88) Benzo(b)fluoranthene	15.080	252	2631	4.412	ng	# 82
89) Benzo(k)fluoranthene	15.080	252	2631	4.828	ng	# 88

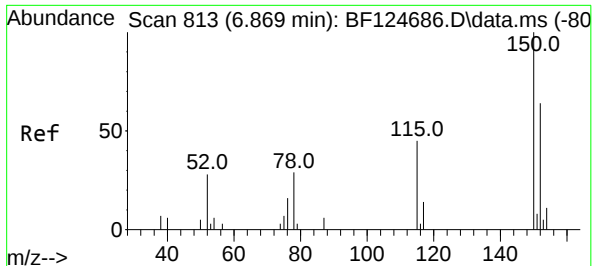
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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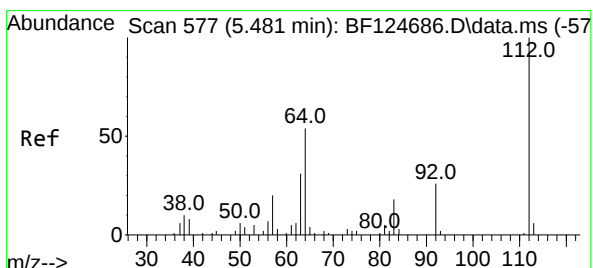
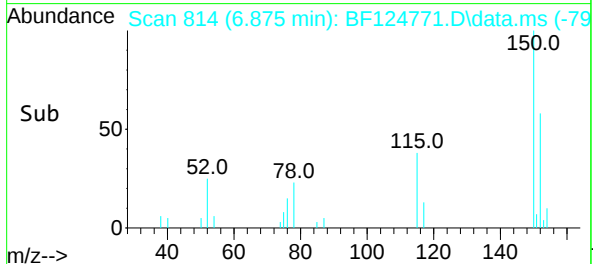
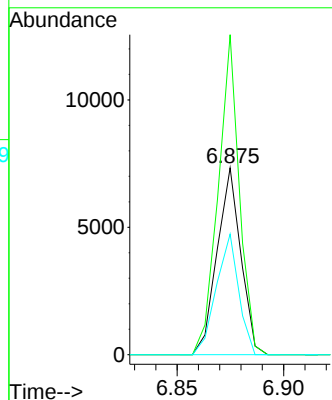
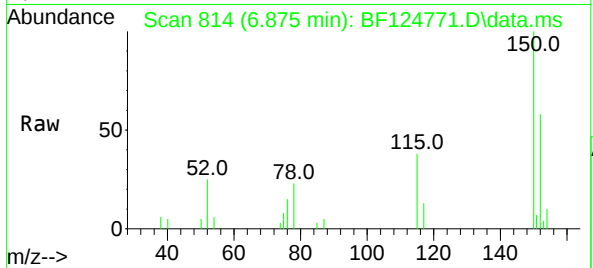




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

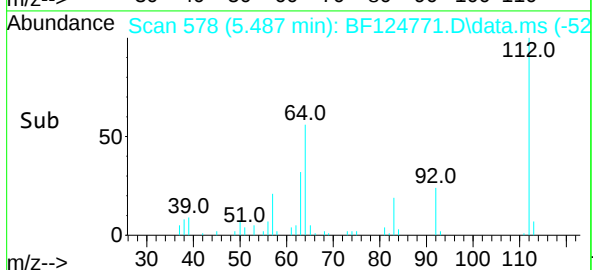
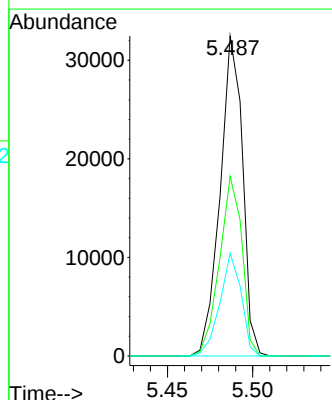
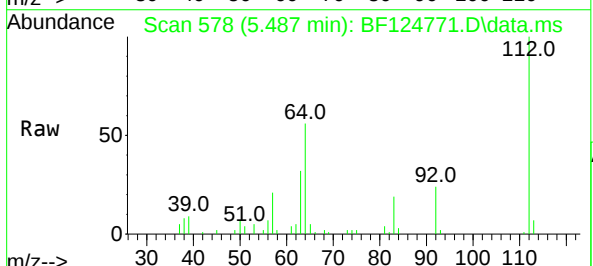
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-9

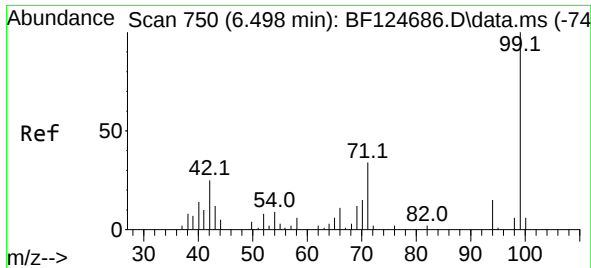
Tgt Ion:152 Resp: 5658
Ion Ratio Lower Upper
152 100
150 171.2 117.6 176.4
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 89.108 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

Tgt Ion:112 Resp: 29777
Ion Ratio Lower Upper
112 100
64 56.2 44.2 66.2
63 32.1 26.2 39.2

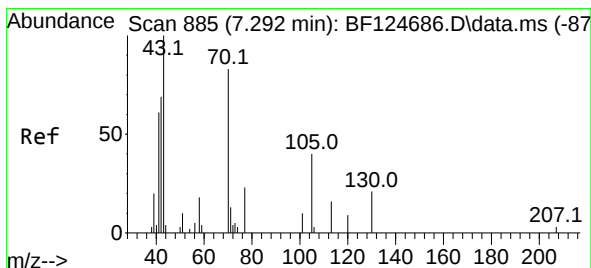
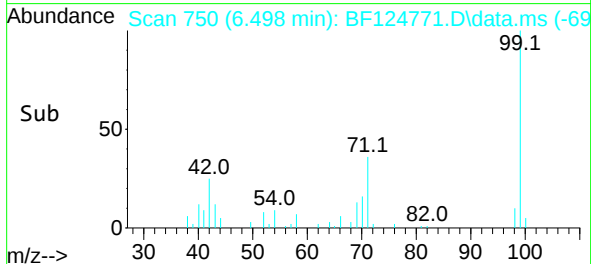
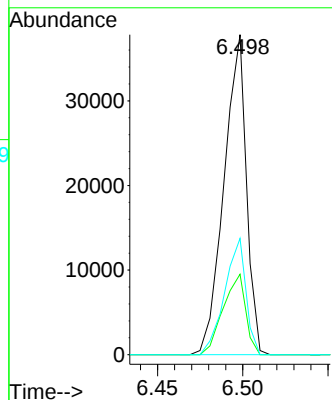
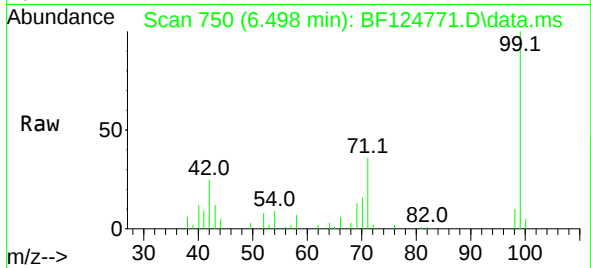




#7
Phenol-d6
Concen: 82.577 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

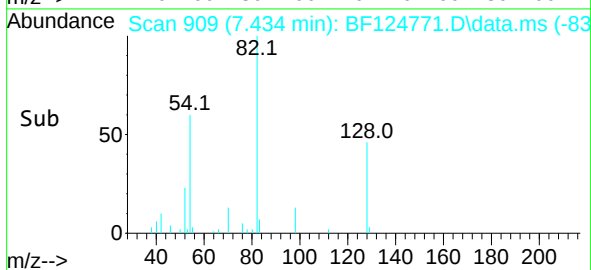
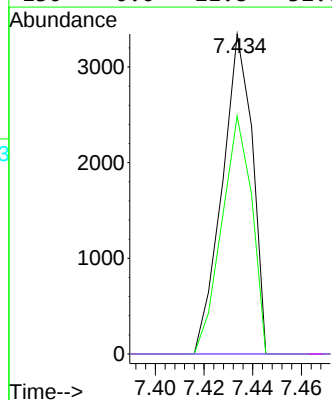
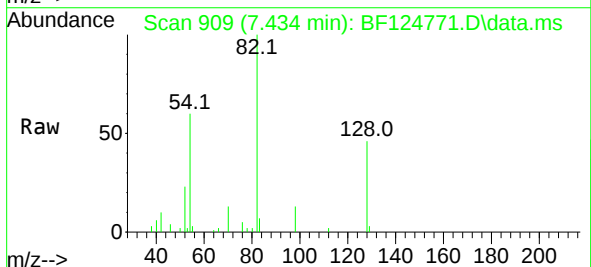
Instrument :
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ClientSampleId :
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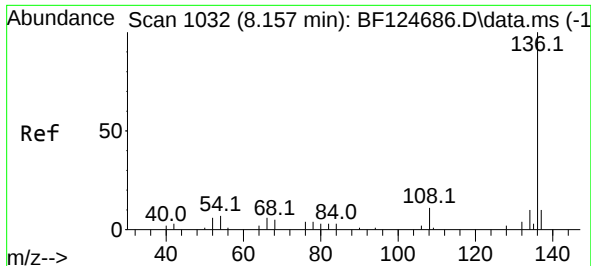
Tgt Ion:	99	Resp:	34594
Ion	Ratio	Lower	Upper
99	100		
42	25.1	23.5	35.3
71	36.4	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.910 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

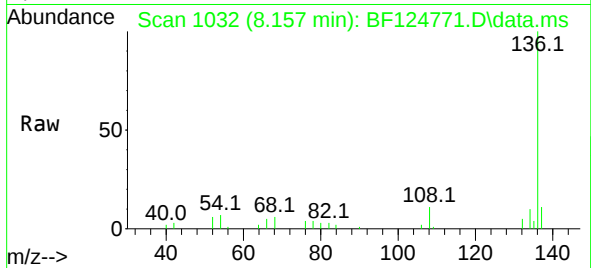
Tgt Ion:	70	Resp:	2888
Ion	Ratio	Lower	Upper
70	100		
42	74.3	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



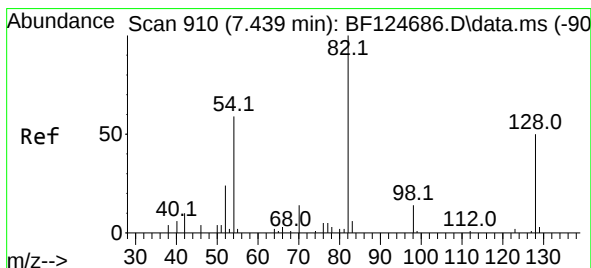
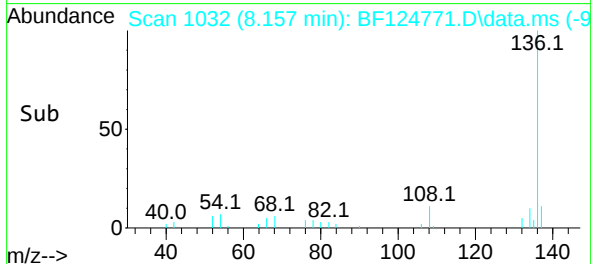
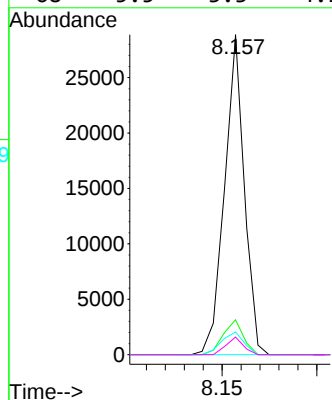


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-9

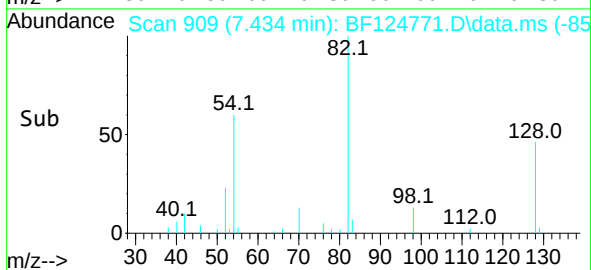
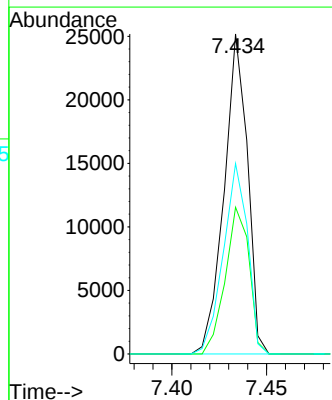
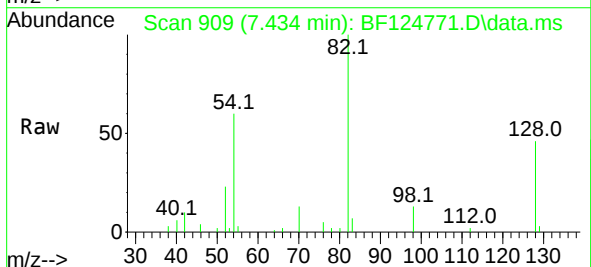


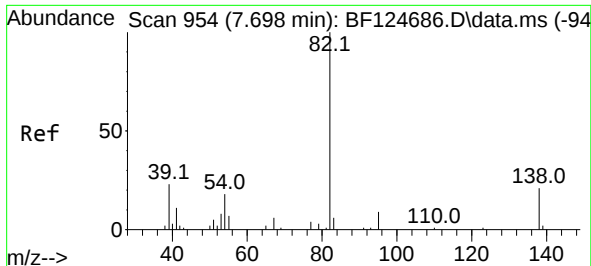
Tgt Ion:136 Resp: 20929
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 7.1 6.4 9.6
68 5.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 61.542 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

Tgt Ion: 82 Resp: 21641
Ion Ratio Lower Upper
82 100
128 45.8 40.6 60.8
54 59.5 49.6 74.4

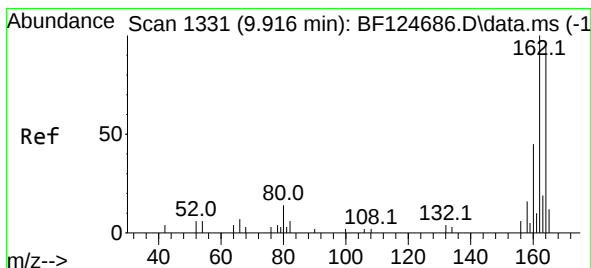
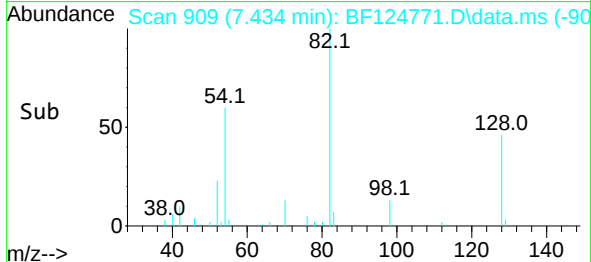
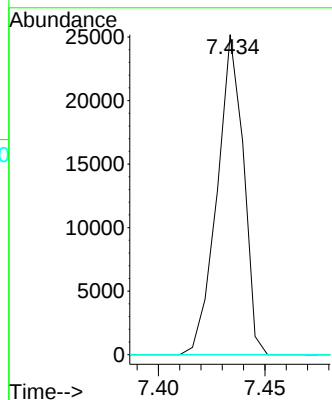
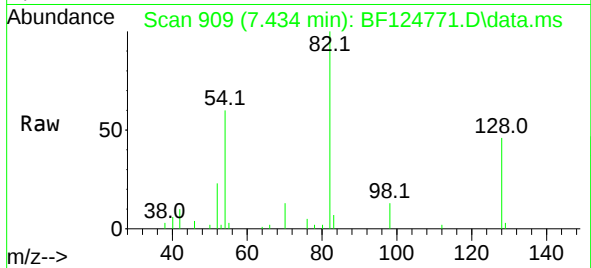




#25
Isophorone
Concen: 34.805 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

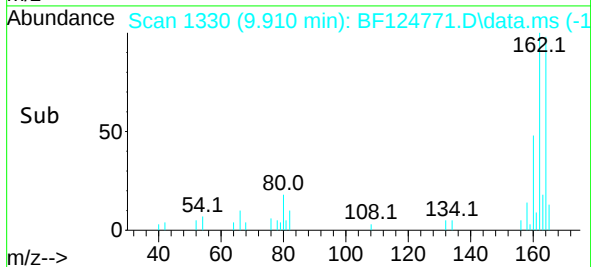
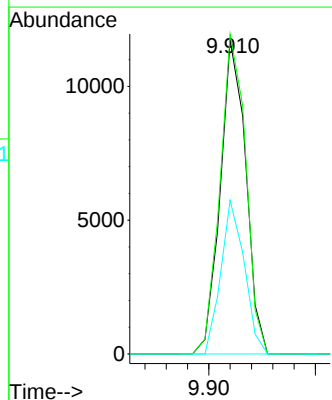
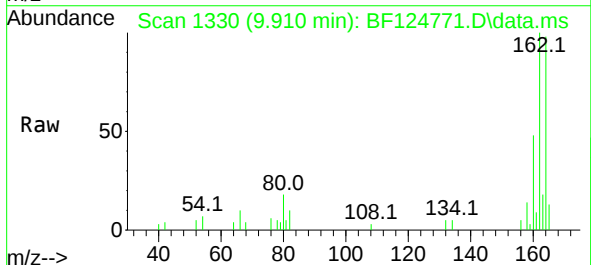
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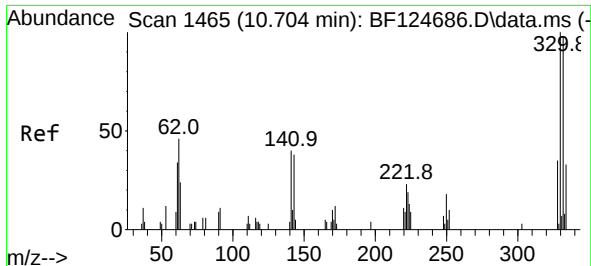
Tgt Ion: 82 Resp: 21641
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

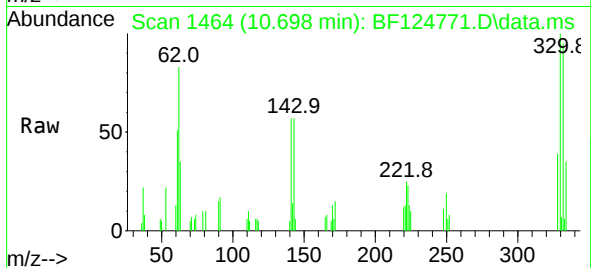
Tgt Ion: 164 Resp: 9738
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 48.9 38.0 57.0



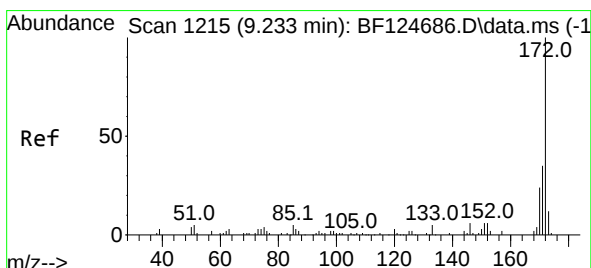
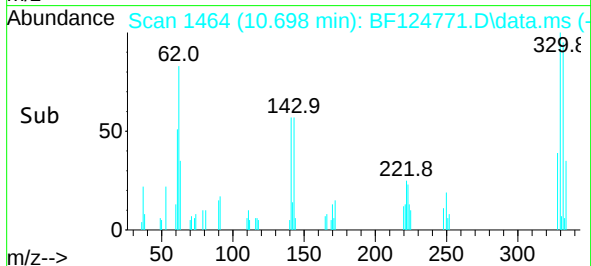
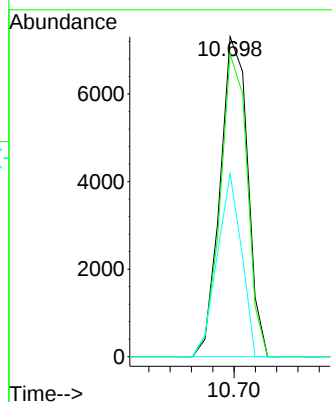


#42
2,4,6-Tribromophenol
Concen: 78.495 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-9

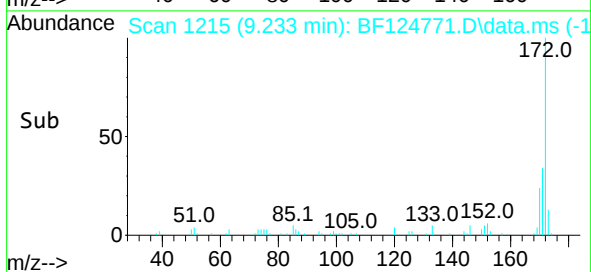
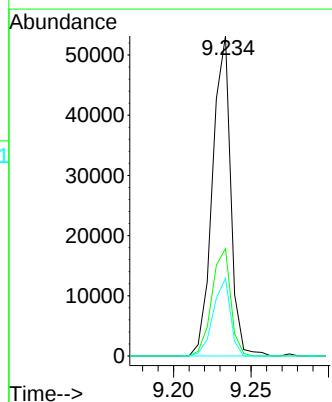
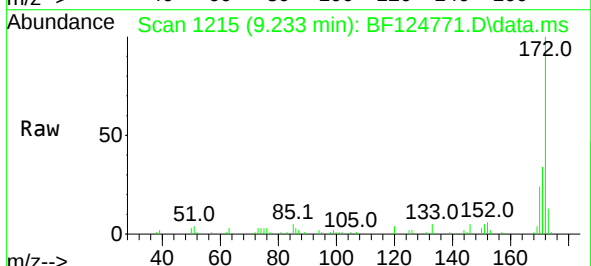


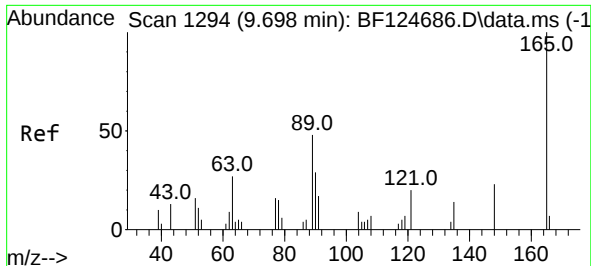
Tgt Ion: 330 Resp: 6563
Ion Ratio Lower Upper
330 100
332 92.7 76.2 114.4
141 50.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 65.306 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

Tgt Ion: 172 Resp: 43299
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 24.3 18.8 28.2

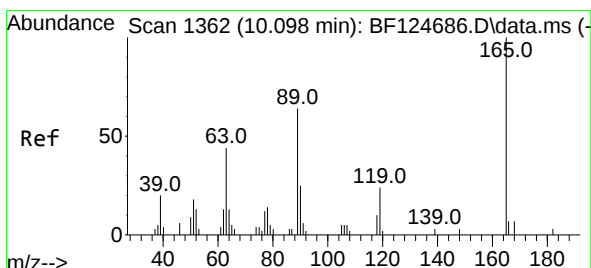
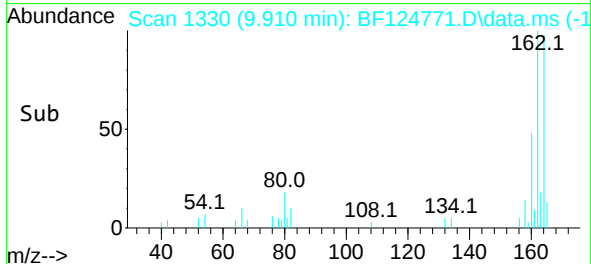
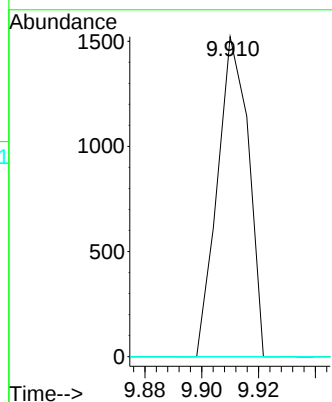
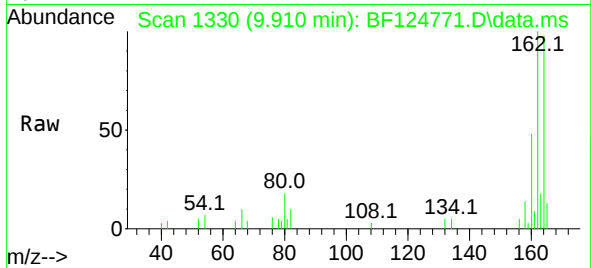




#51
2,6-Dinitrotoluene
Concen: 7.810 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

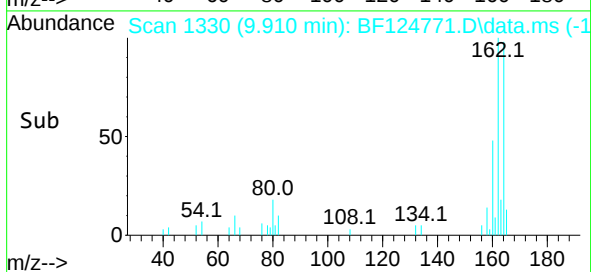
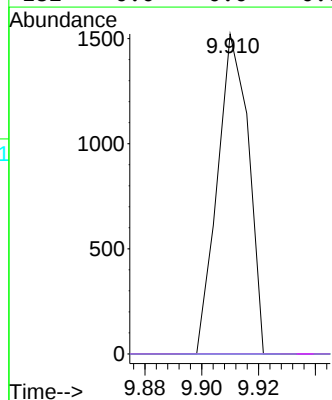
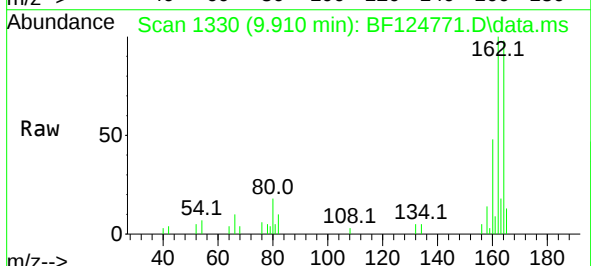
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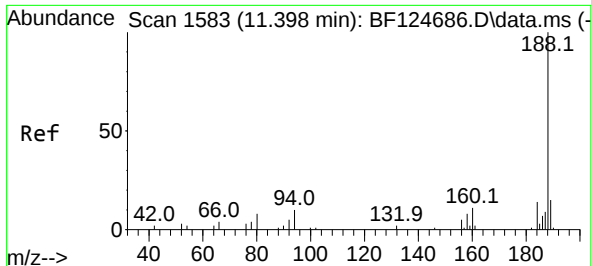
Tgt Ion:165 Resp: 1157
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.756 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

Tgt Ion:165 Resp: 1157
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

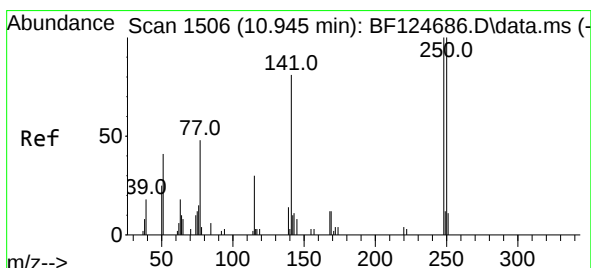
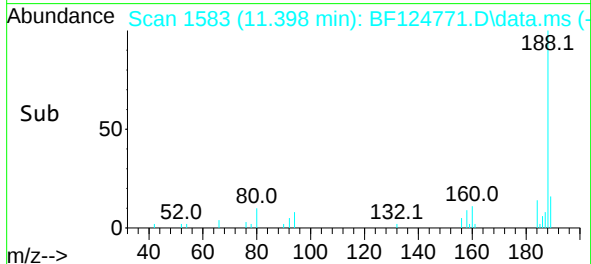
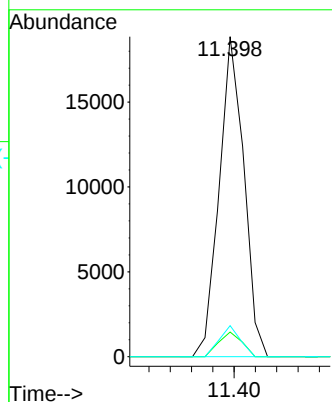
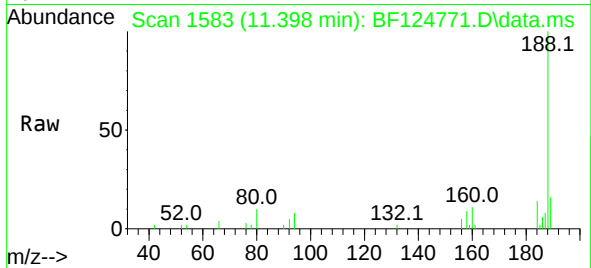




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

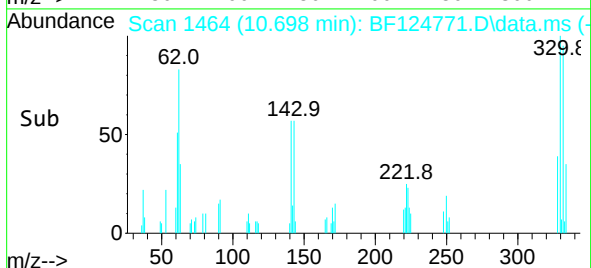
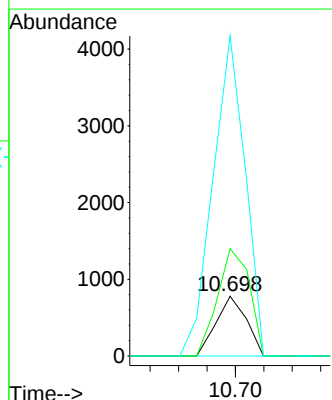
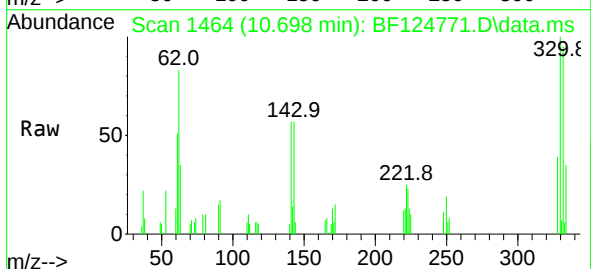
Instrument :
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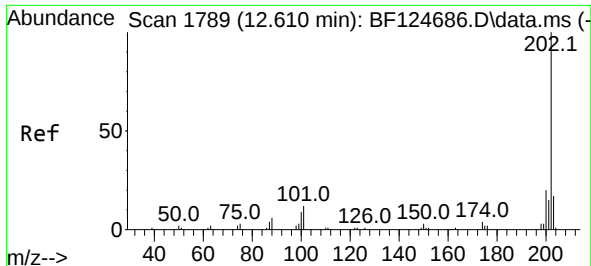
Tgt Ion:188 Resp: 15180
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.565 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

Tgt Ion:248 Resp: 574
Ion Ratio Lower Upper
248 100
250 179.8 74.2 111.4#
141 536.2 60.4 90.6#

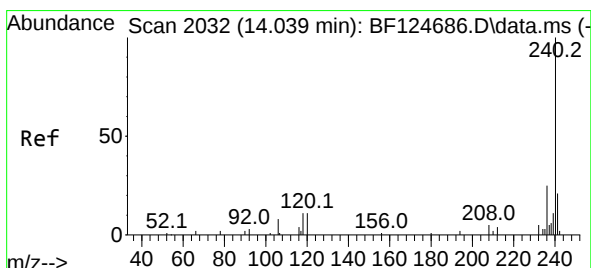
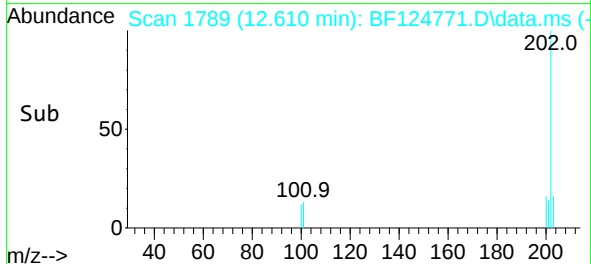
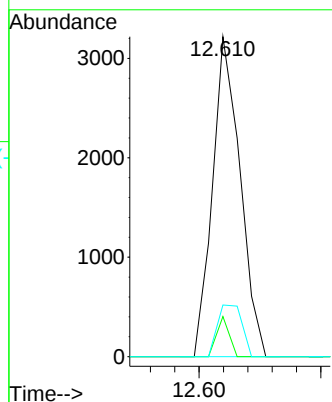
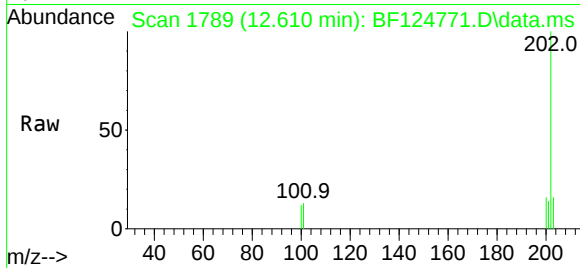




#75
Fluoranthene
Concen: 3.037 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

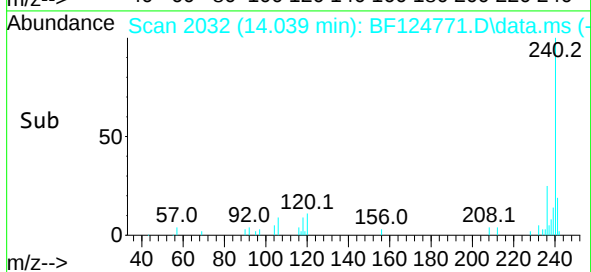
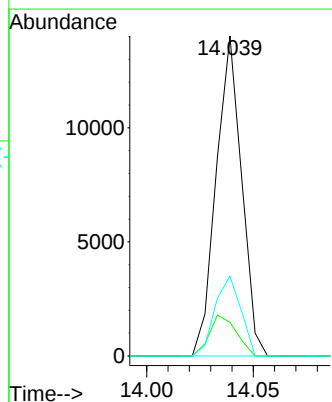
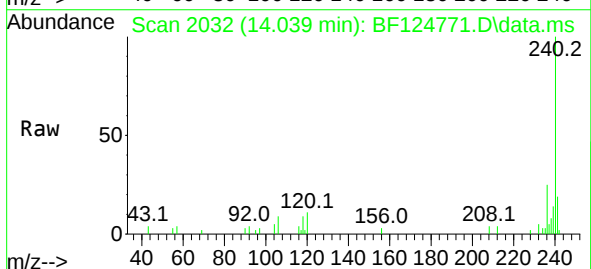
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-9

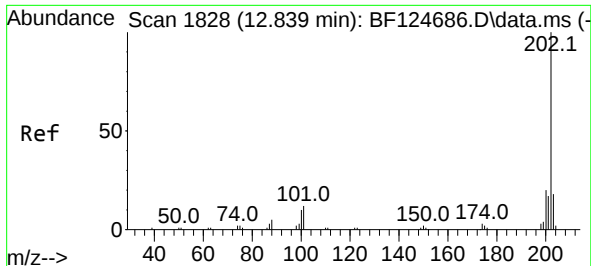
Tgt Ion:	202	Resp:	2530
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.7
203	16.2	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

Tgt Ion:	240	Resp:	11632
Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.8	16.2#
236	24.9	21.6	32.4

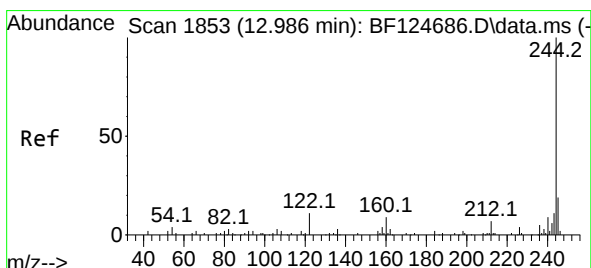
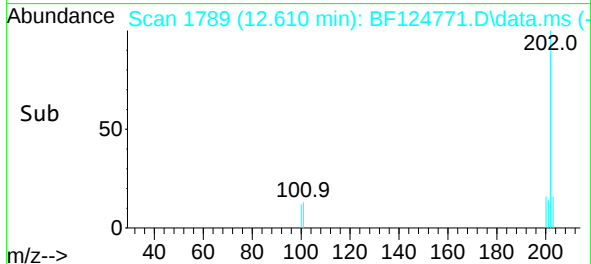
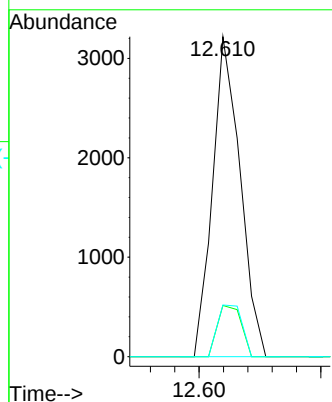
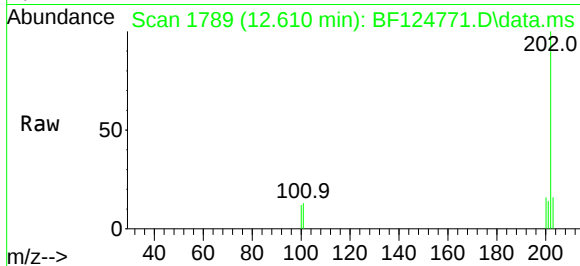




#78
Pyrene
Concen: 2.747 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.229 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

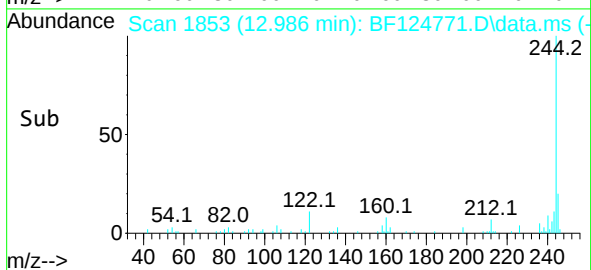
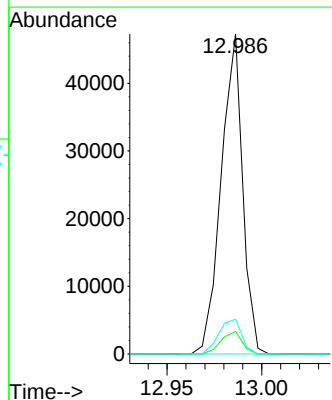
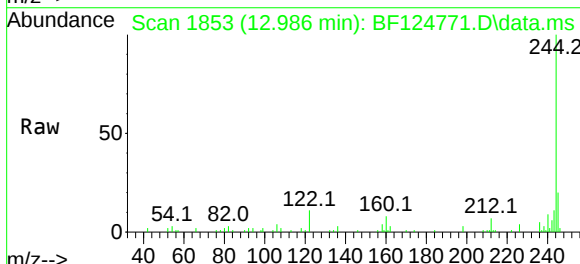
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-9

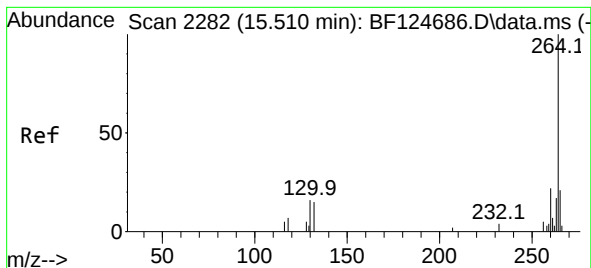
Tgt Ion:	202	Resp:	2530
Ion Ratio	Lower	Upper	
202	100		
200	16.0	15.3	22.9
203	16.2	13.4	20.0



#79
Terphenyl-d14
Concen: 54.889 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

Tgt Ion:	244	Resp:	37247
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.9	8.9
122	10.9	9.0	13.4

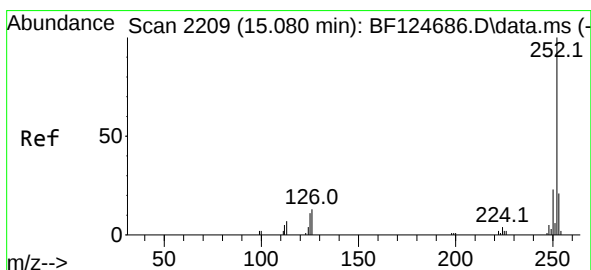
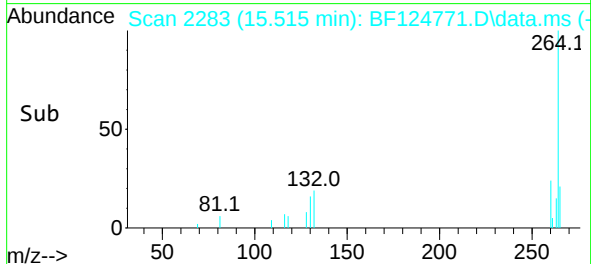
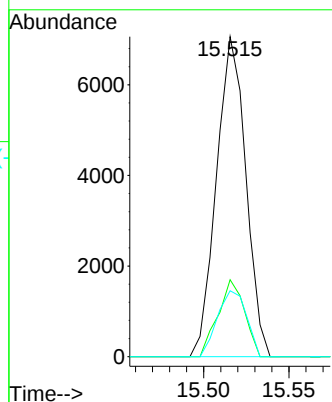
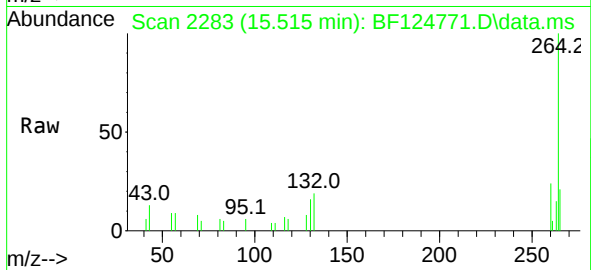




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

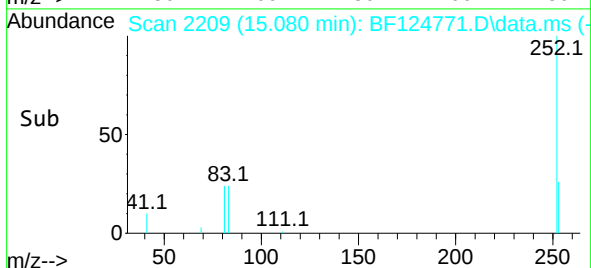
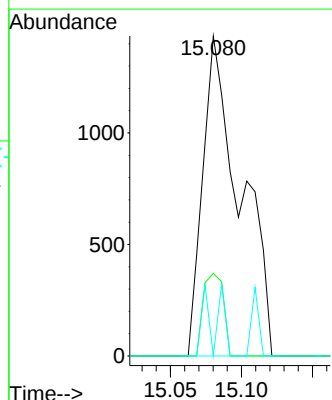
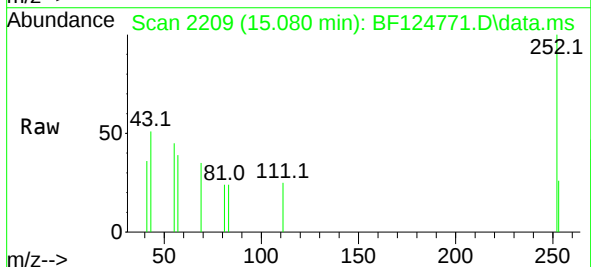
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-9

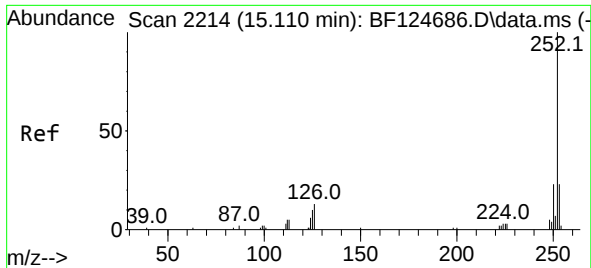
Tgt Ion:264 Resp: 8470
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 20.6 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 4.412 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124771.D
Acq: 26 Jul 2021 18:38

Tgt Ion:252 Resp: 2631
Ion Ratio Lower Upper
252 100
253 25.8 16.8 25.2#
125 0.0 9.8 14.8#





#89

Benzo(k)fluoranthene

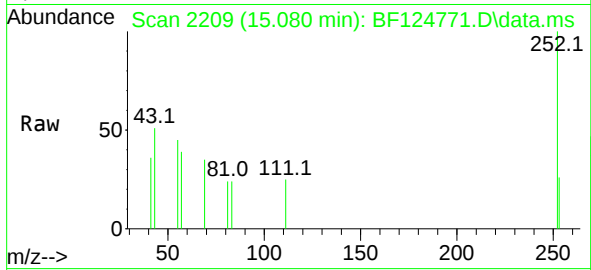
Concen: 4.828 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.029 min

Lab File: BF124771.D

Acq: 26 Jul 2021 18:38



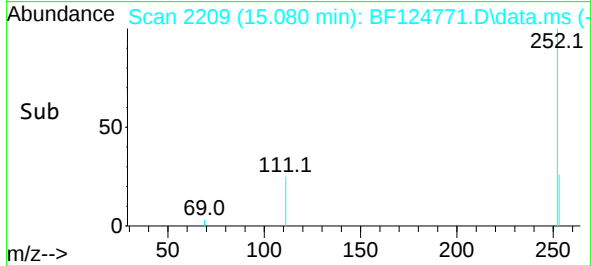
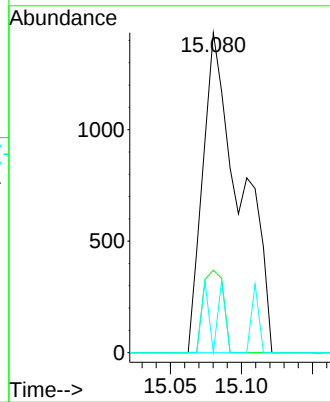
Tgt Ion:252 Resp: 2631

Ion Ratio Lower Upper

252 100

253 25.8 17.8 26.8

125 0.0 7.2 10.8#



Instrument :

BNA_F

ClientSampleId :

NJ-CLEAN-9