

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124772.D
 Acq On : 26 Jul 2021 19:13
 Operator : JU/CG
 Sample : M3117-06RE 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-6

Quant Time: Jul 26 19:34:46 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)

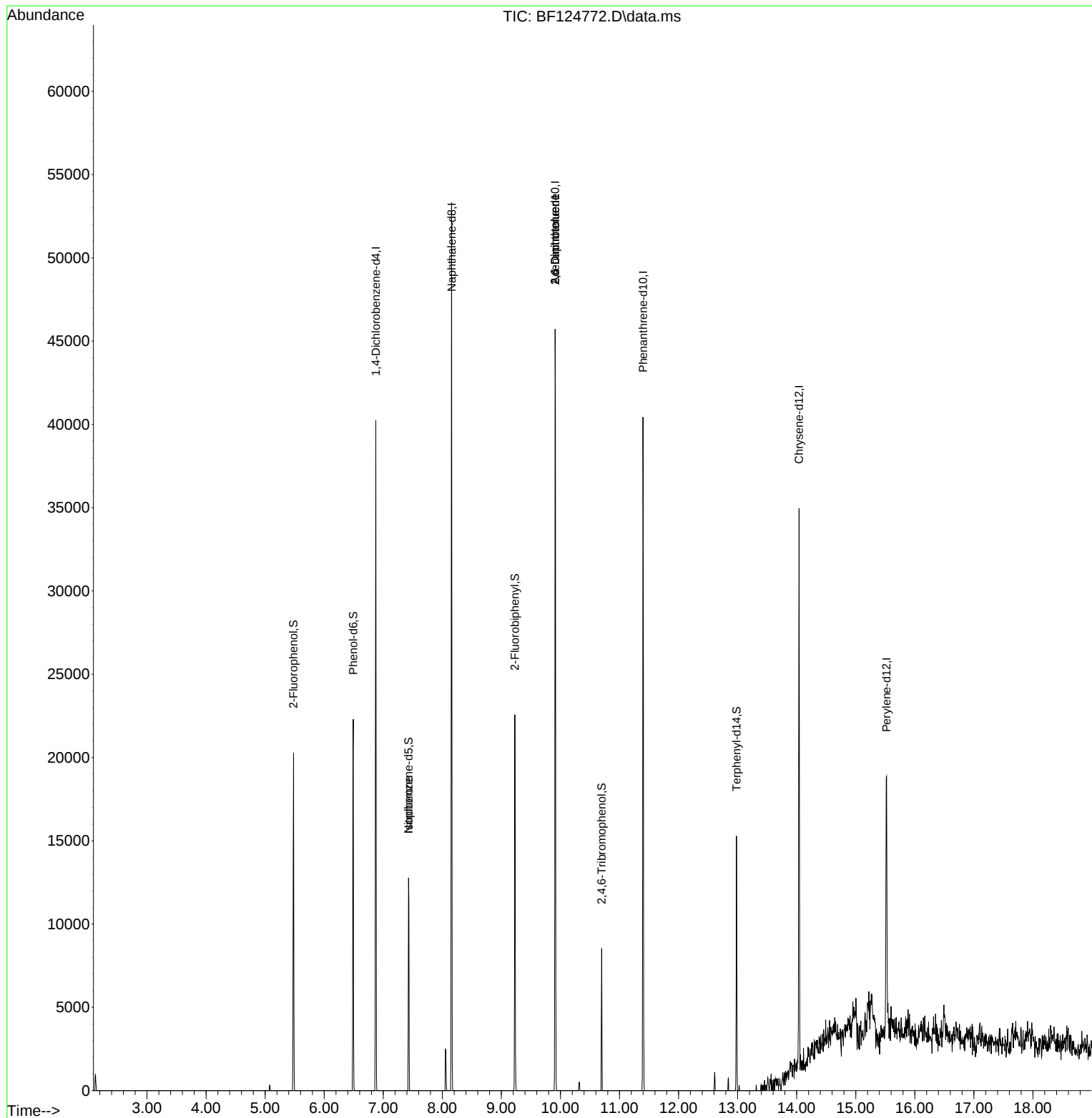
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5997	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	20675	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	10163	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	15674	20.000	ng	0.00
76) Chrysene-d12	14.039	240	11947	20.000	ng	0.00
86) Perylene-d12	15.521	264	7938	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	5558	15.692	ng	0.00
7) Phenol-d6	6.492	99	6770	15.247	ng	0.00
23) Nitrobenzene-d5	7.428	82	3998	11.509	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	1130	12.950	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	7944	11.481	ng	0.00
79) Terphenyl-d14	12.980	244	6443	9.244	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.428	82	3998	6.509	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1276	8.254	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1276	6.082	ng	# 18

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

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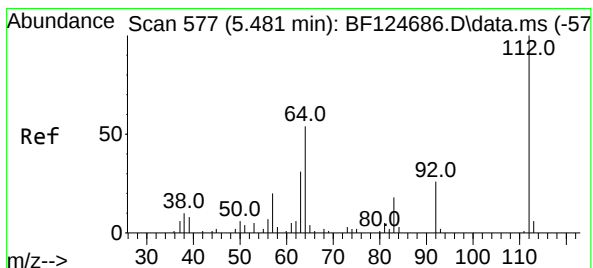
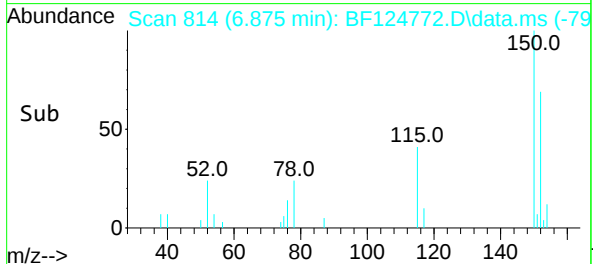
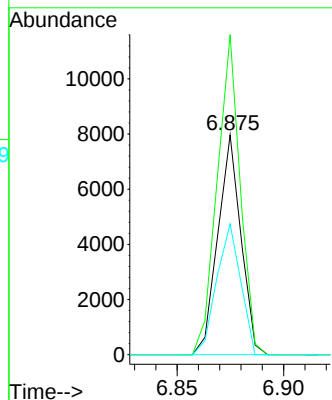
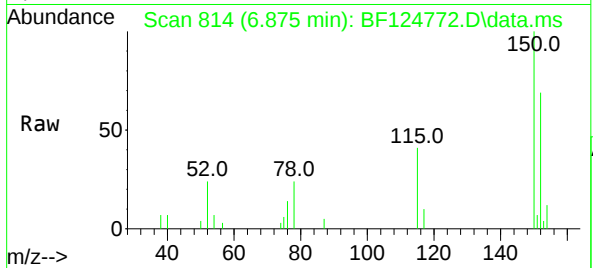




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

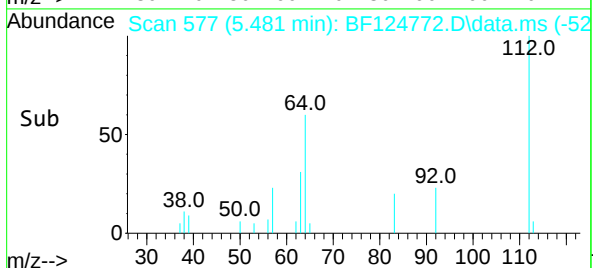
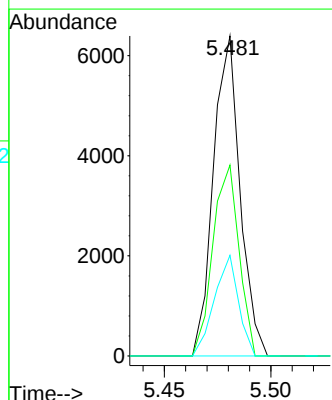
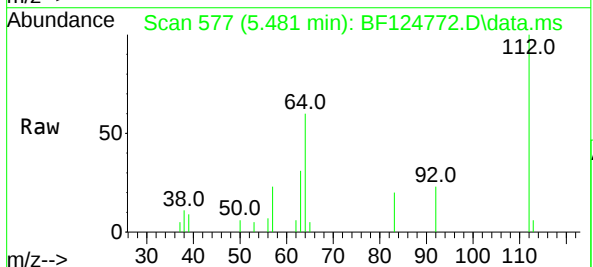
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-6

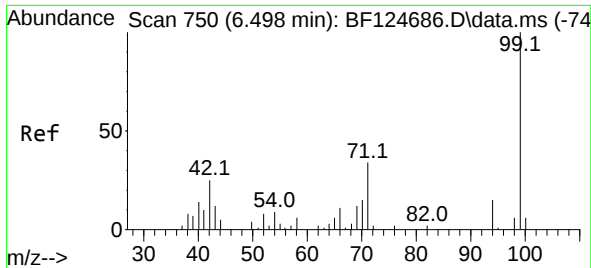
Tgt Ion:152 Resp: 5997
Ion Ratio Lower Upper
152 100
150 145.7 117.6 176.4
115 59.5 47.1 70.7



#5
2-Fluorophenol
Concen: 15.692 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

Tgt Ion:112 Resp: 5558
Ion Ratio Lower Upper
112 100
64 59.6 44.2 66.2
63 31.5 26.2 39.2

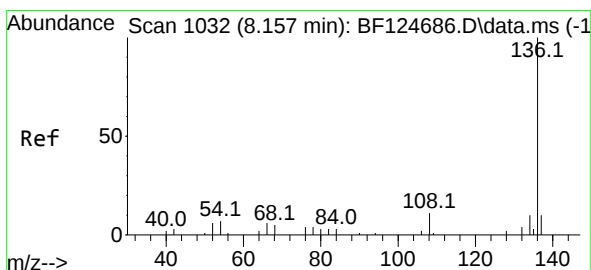
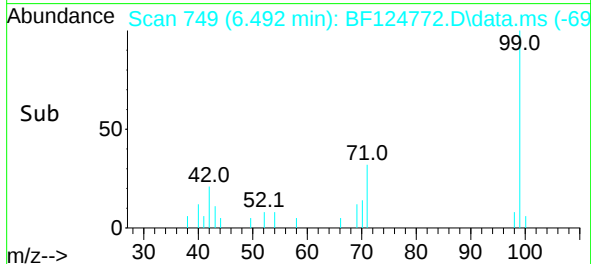
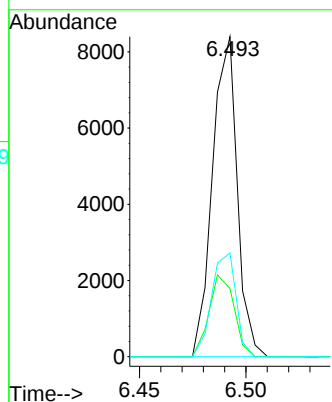
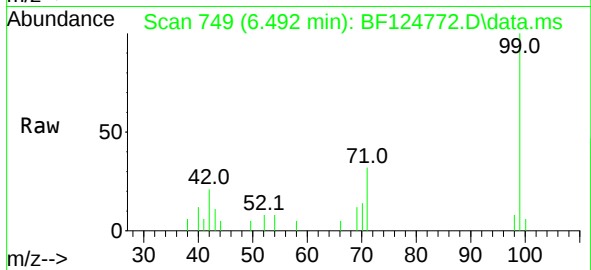




#7
Phenol-d6
Concen: 15.247 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

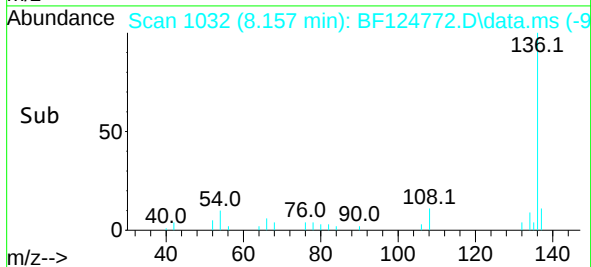
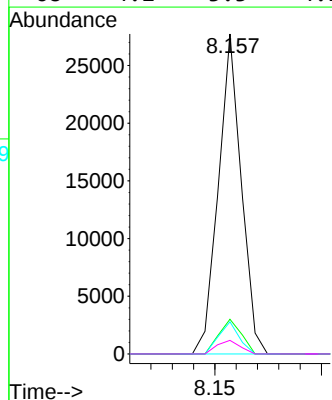
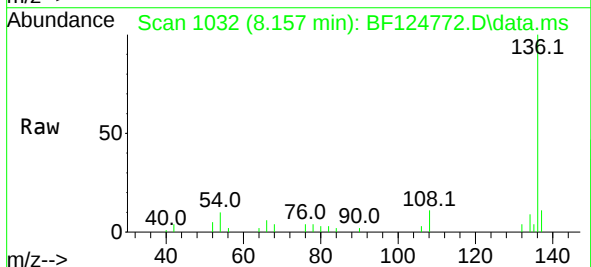
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-6

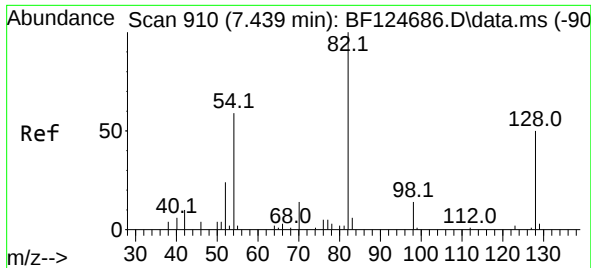
Tgt Ion: 99 Resp: 6770
Ion Ratio Lower Upper
99 100
42 21.3 23.5 35.3#
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

Tgt Ion: 136 Resp: 20675
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.0 6.4 9.6#
68 4.2 3.3 4.9





#23

Nitrobenzene-d5

Concen: 11.509 ng

RT: 7.428 min Scan# 908

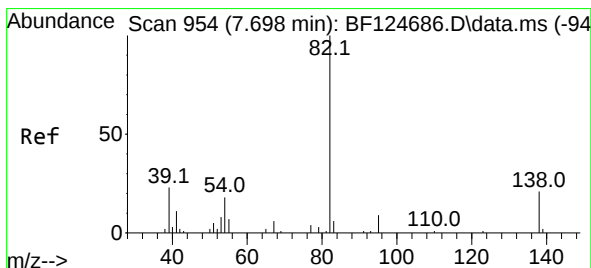
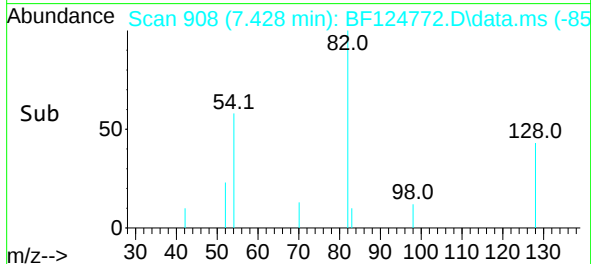
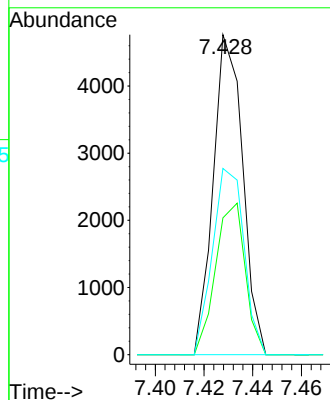
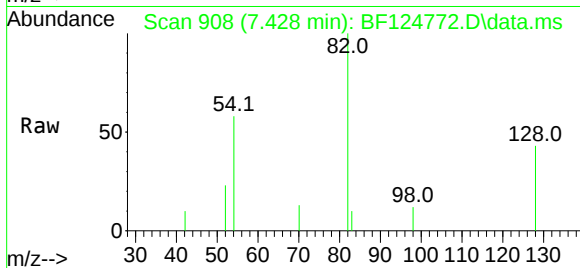
Delta R.T. -0.012 min

Lab File: BF124772.D

Acq: 26 Jul 2021 19:13

Tgt Ion:	82	Resp:	3998
Ion	Ratio	Lower	Upper
82	100		
128	42.8	40.6	60.8
54	58.2	49.6	74.4

Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-6



#25

Isophorone

Concen: 6.509 ng

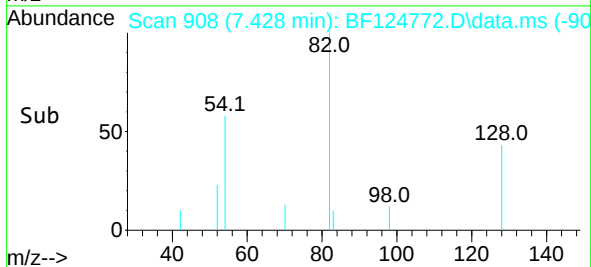
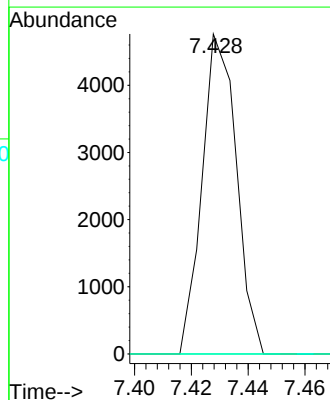
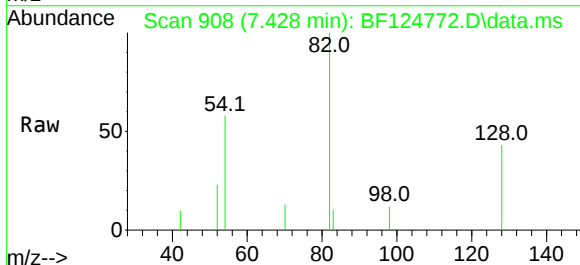
RT: 7.428 min Scan# 908

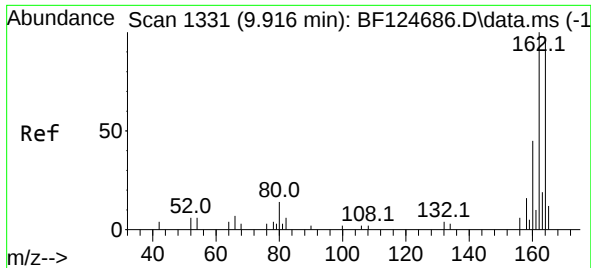
Delta R.T. -0.271 min

Lab File: BF124772.D

Acq: 26 Jul 2021 19:13

Tgt Ion:	82	Resp:	3998
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

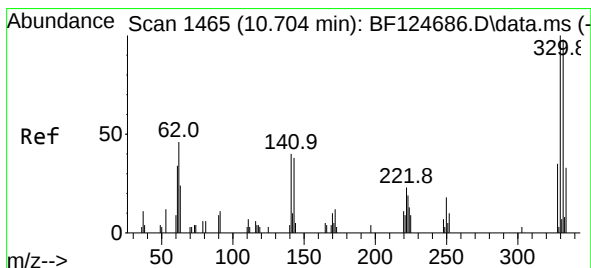
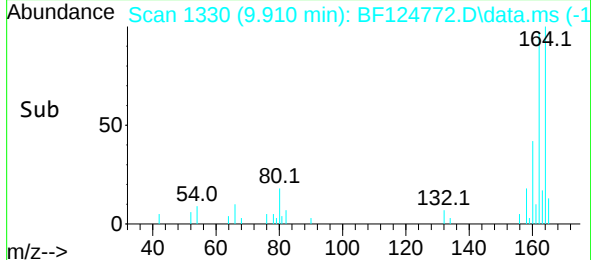
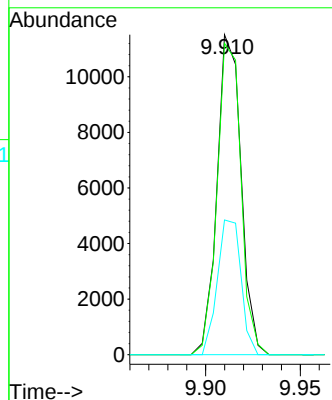
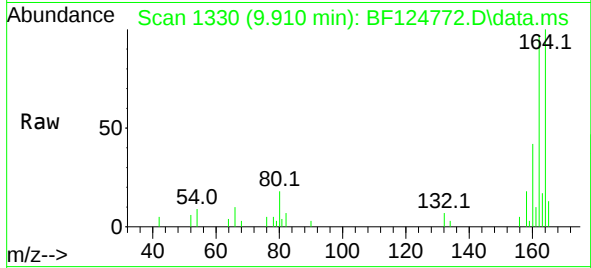




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

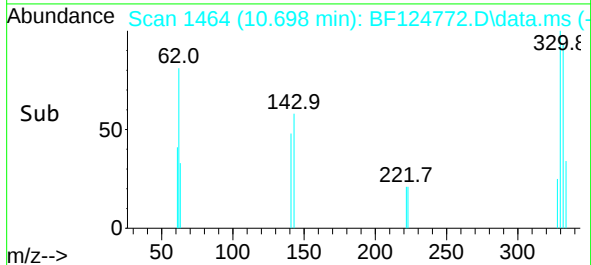
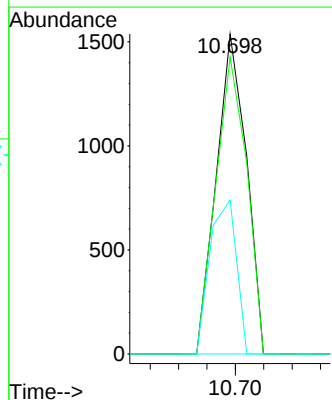
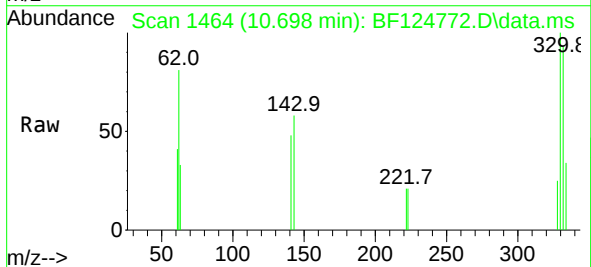
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-6

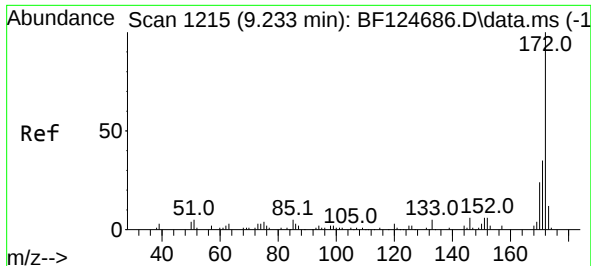
Tgt Ion:164 Resp: 10163
Ion Ratio Lower Upper
164 100
162 97.3 81.3 121.9
160 42.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 12.950 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

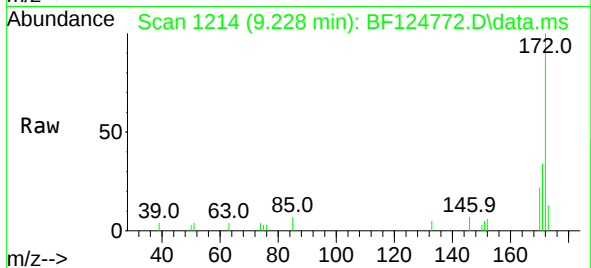
Tgt Ion:330 Resp: 1130
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 42.5 44.6 66.8#



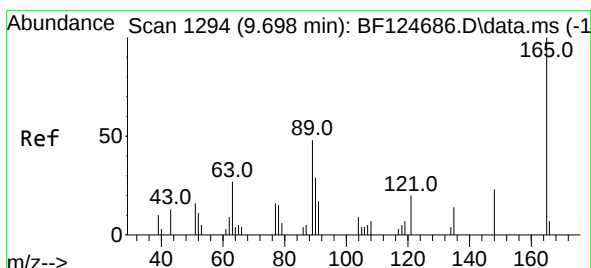
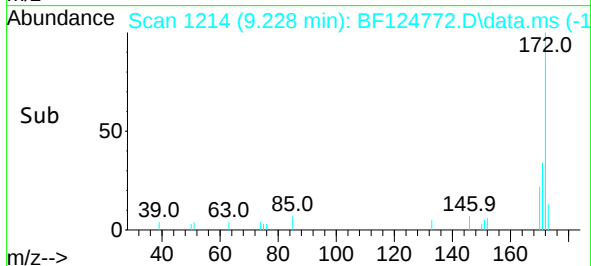
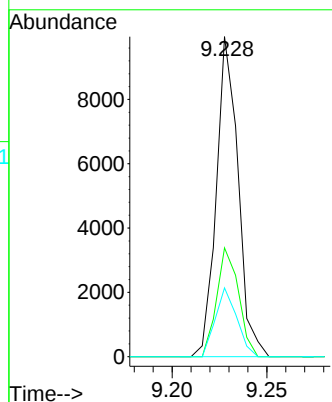


#45
2-Fluorobiphenyl
Concen: 11.481 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-6

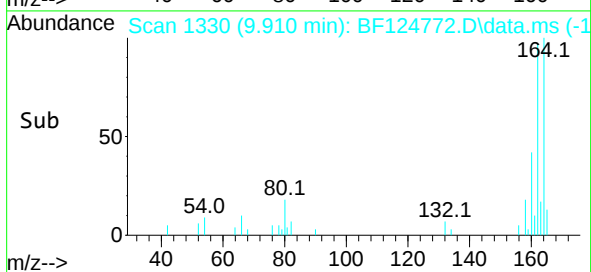
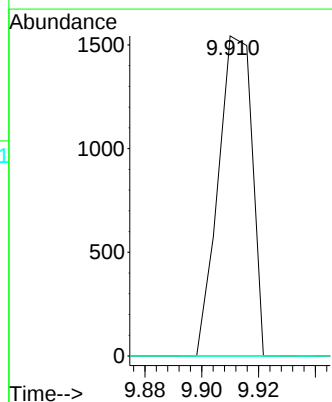
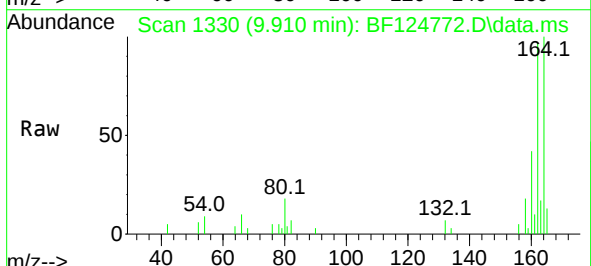


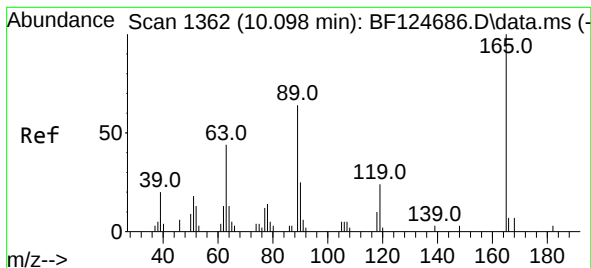
Tgt Ion:	172	Resp:	7944
Ion Ratio	Lower	Upper	
172	100		
171	34.0	26.5	39.7
170	21.5	18.8	28.2



#51
2,6-Dinitrotoluene
Concen: 8.254 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

Tgt Ion:	165	Resp:	1276
Ion Ratio	Lower	Upper	
165	100		
63	0.0	42.6	63.8#
89	0.0	40.6	60.8#

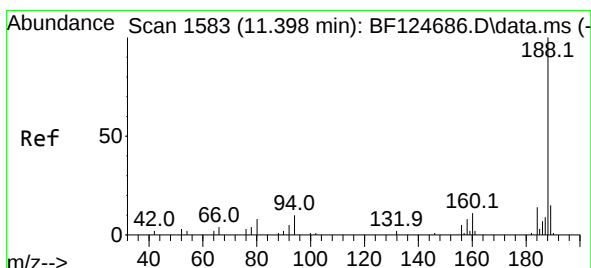
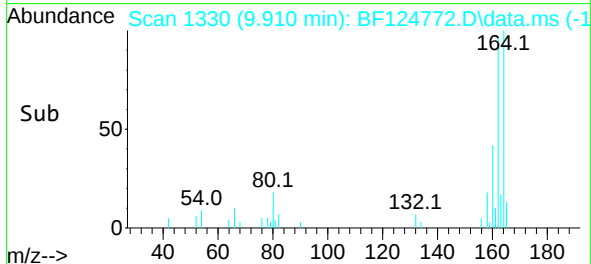
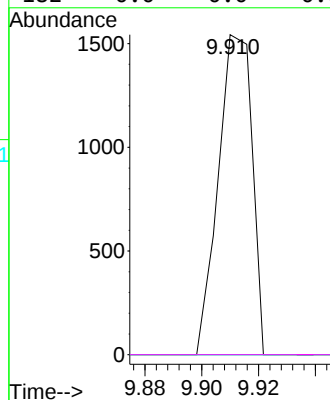
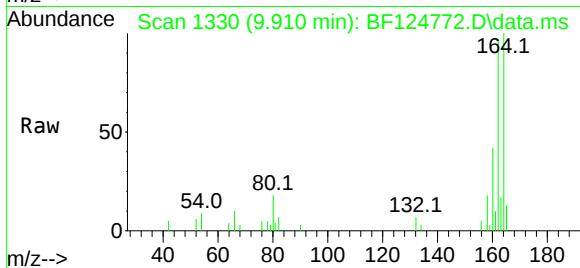




#57
2,4-Dinitrotoluene
Concen: 6.082 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

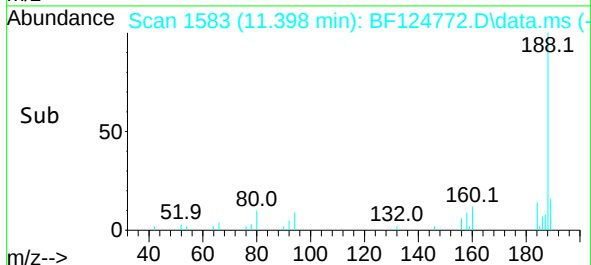
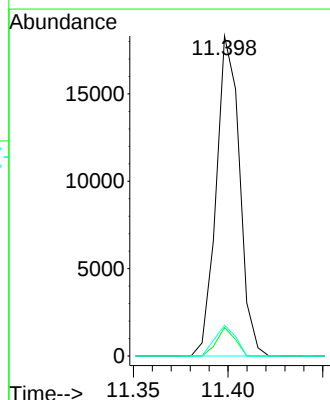
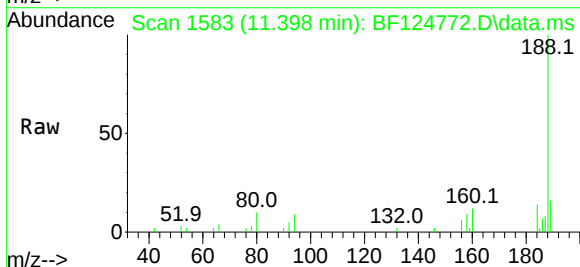
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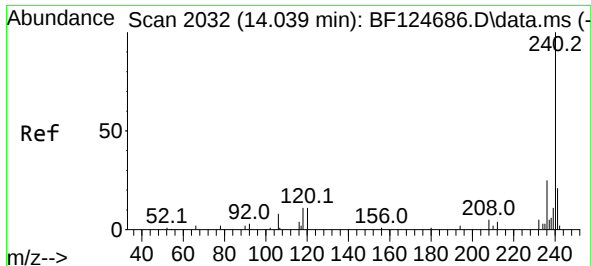
Tgt Ion:165	Resp:	1276
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

Tgt Ion:188	Resp:	15674
Ion Ratio	Lower	Upper
188	100	
94	8.8	6.7 10.1
80	9.6	7.5 11.3

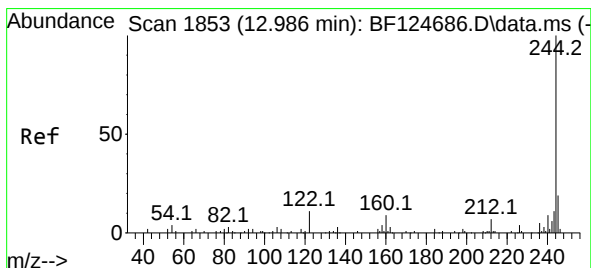
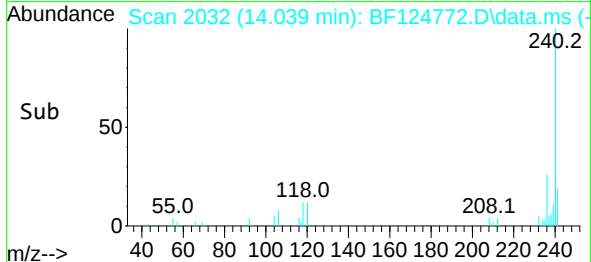
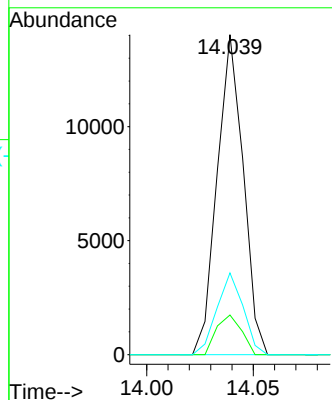
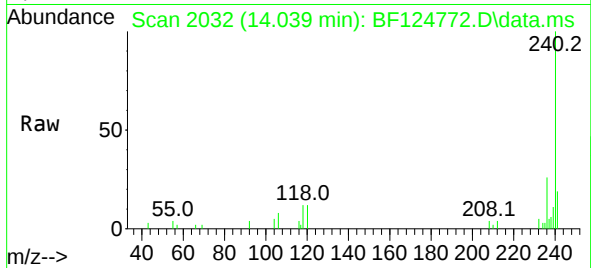




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

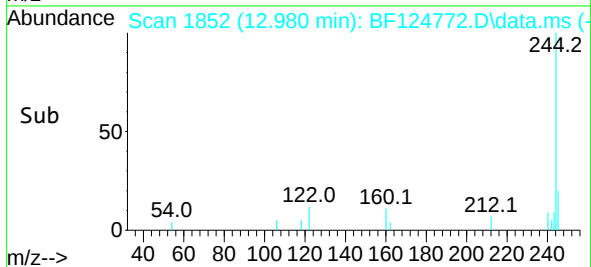
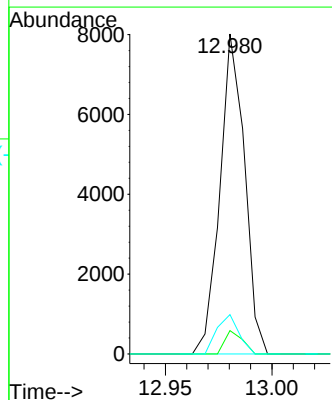
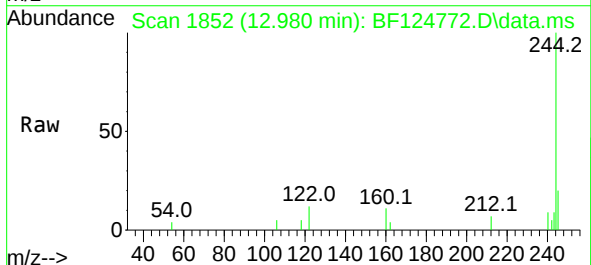
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-6

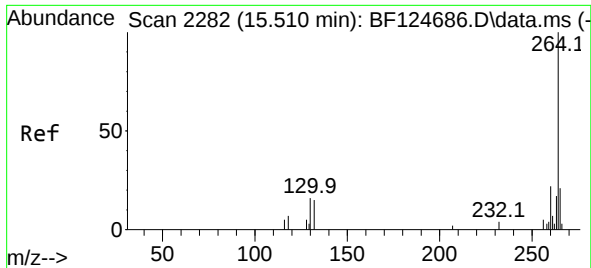
Tgt Ion:240 Resp: 11947
Ion Ratio Lower Upper
240 100
120 12.4 10.8 16.2
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 9.244 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124772.D
Acq: 26 Jul 2021 19:13

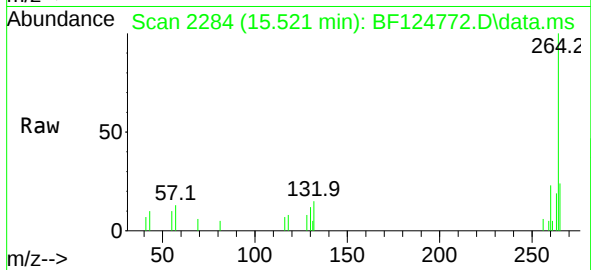
Tgt Ion:244 Resp: 6443
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.012 min
 Lab File: BF124772.D
 Acq: 26 Jul 2021 19:13

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-6



Tgt Ion:	264	Resp:	7938
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.6	29.4
265	23.9	17.2	25.8

