

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124755.D
 Acq On : 24 Jul 2021 19:18
 Operator : JU/CG
 Sample : M3117-09 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-9

Quant Time: Jul 25 04:30:06 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)

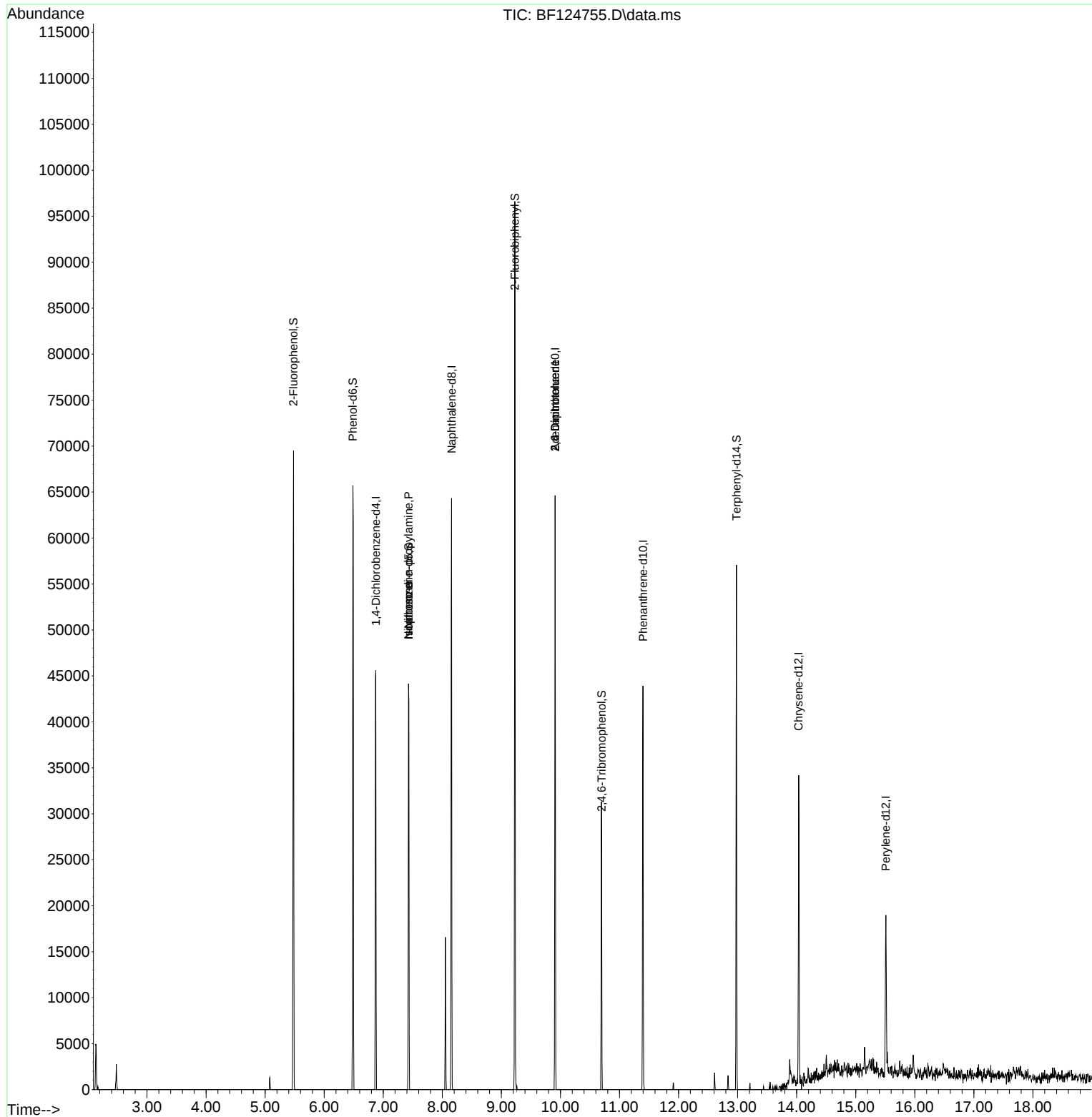
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	7036	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	27252	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	12263	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	16593	20.000	ng	0.00
76) Chrysene-d12	14.033	240	12928	20.000	ng	0.00
86) Perylene-d12	15.510	264	9063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	18131	43.631	ng	0.00
7) Phenol-d6	6.487	99	20354	39.070	ng	-0.01
23) Nitrobenzene-d5	7.428	82	12948	28.278	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	3381	32.111	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	25676	30.752	ng	0.00
79) Terphenyl-d14	12.980	244	18952	25.129	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	1587	5.705	ng	# 74
25) Isophorone	7.428	82	12948	15.992	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1380	7.398	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1380	5.451	ng	# 18

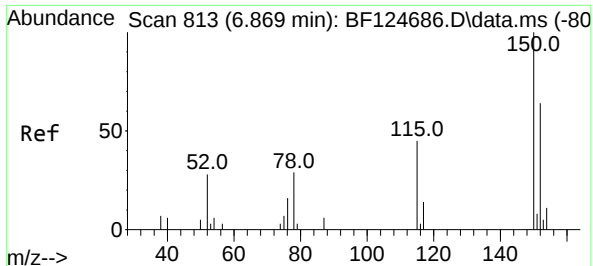
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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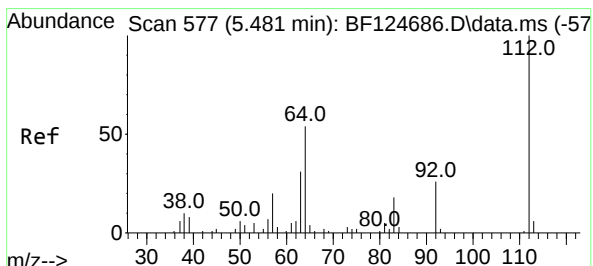
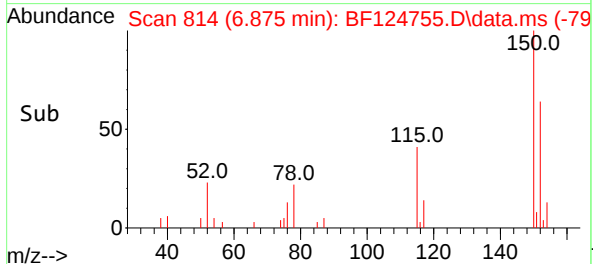
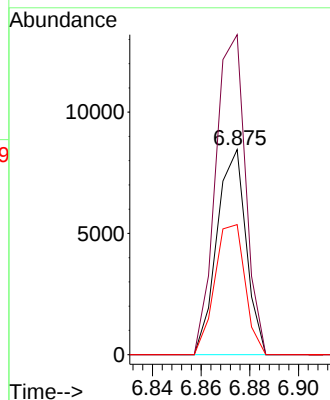
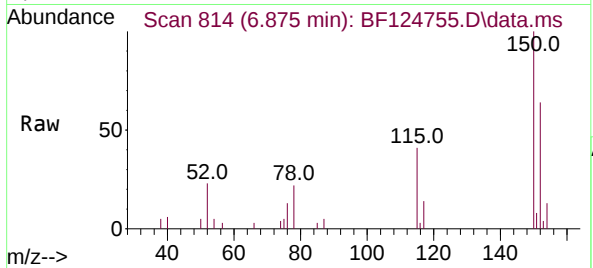




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

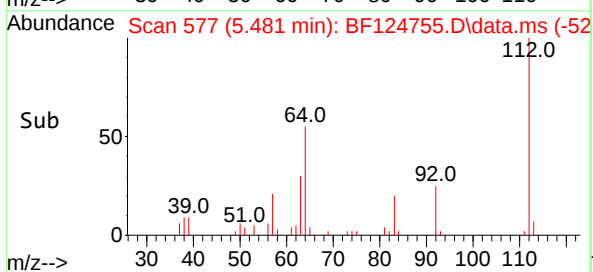
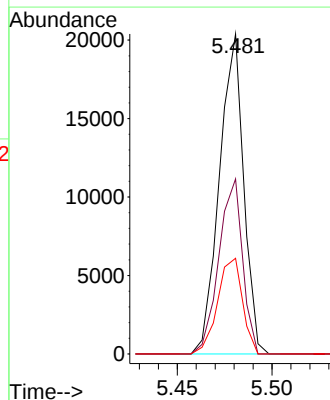
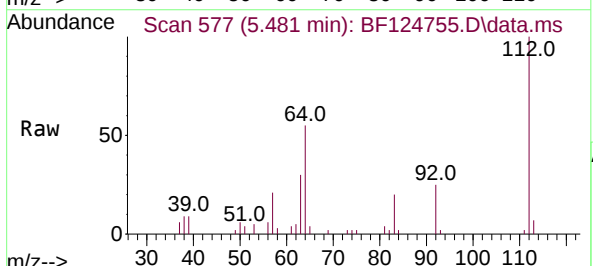
Instrument :
BNA_F
ClientSampleId :
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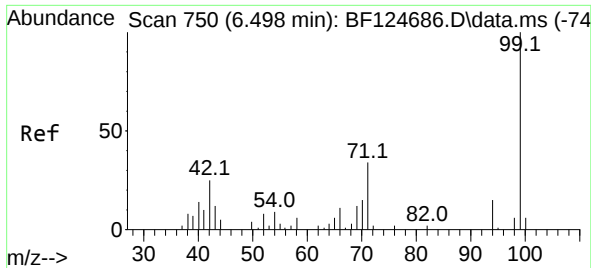
Tgt Ion:152 Resp: 7036
Ion Ratio Lower Upper
152 100
150 156.0 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 43.631 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

Tgt Ion:112 Resp: 18131
Ion Ratio Lower Upper
112 100
64 54.7 44.2 66.2
63 29.9 26.2 39.2

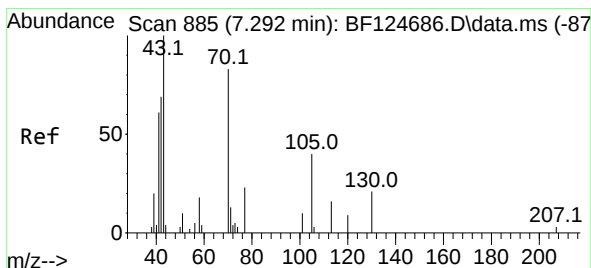
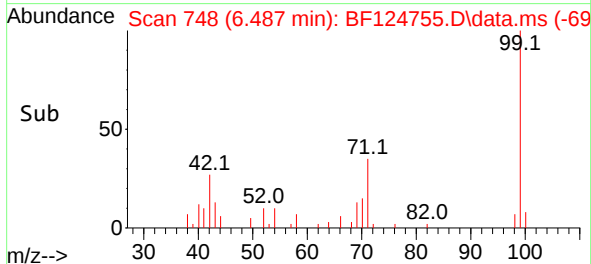
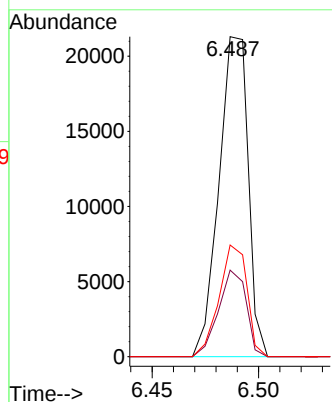
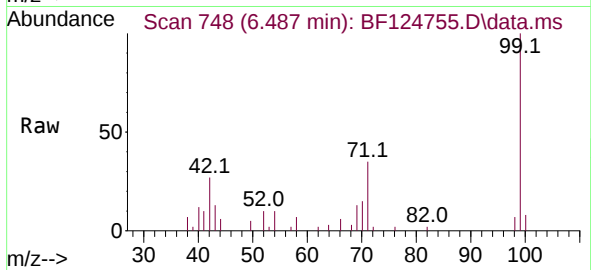




#7
Phenol-d6
Concen: 39.070 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

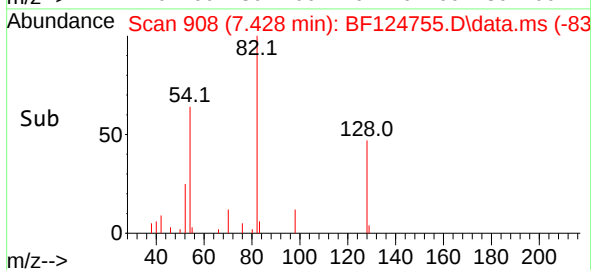
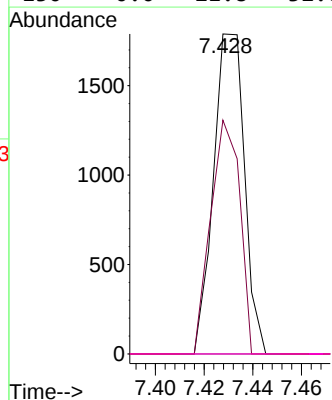
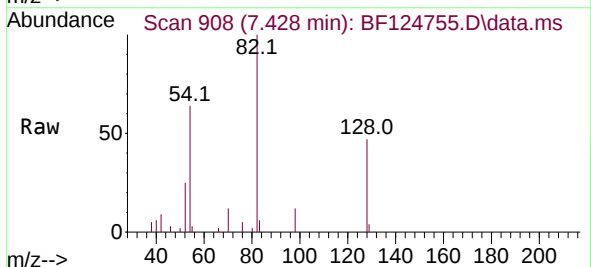
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-9

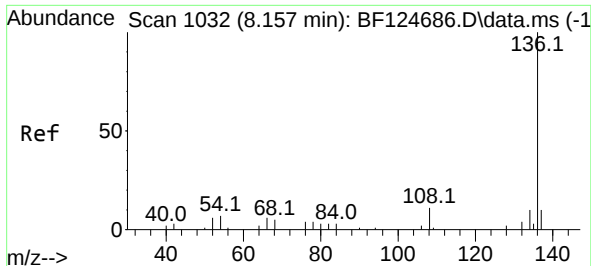
Tgt Ion: 99	Resp: 20354
Ion Ratio	Lower Upper
99 100	
42 27.0	23.5 35.3
71 34.9	25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.705 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

Tgt Ion: 70	Resp: 1587
Ion Ratio	Lower Upper
70 100	
42 73.1	72.2 108.2
101 0.0	7.8 11.8#
130 0.0	21.8 32.6#

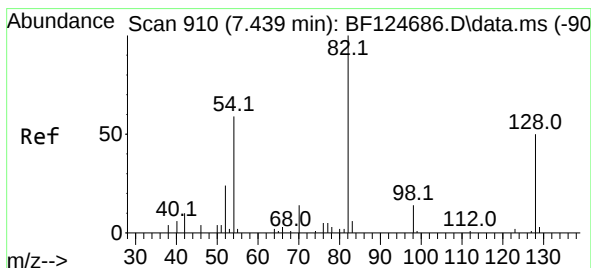
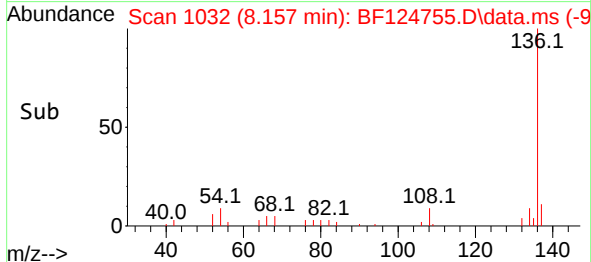
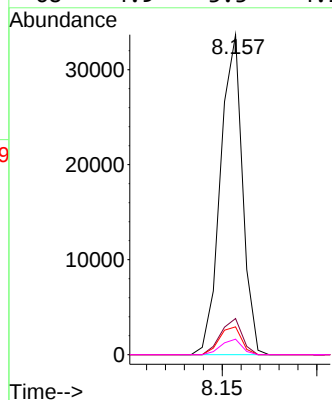
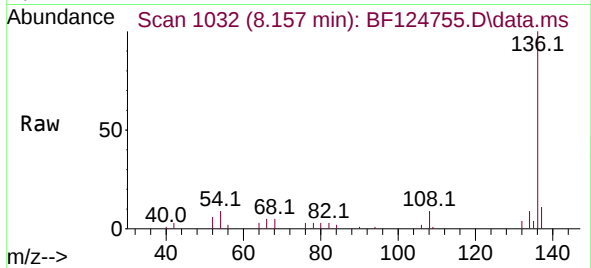




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

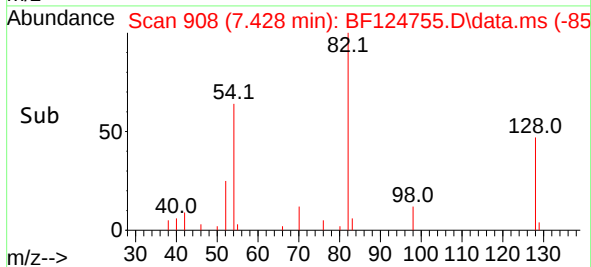
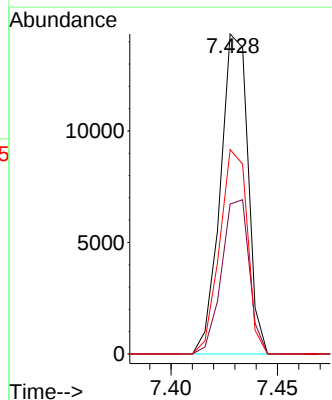
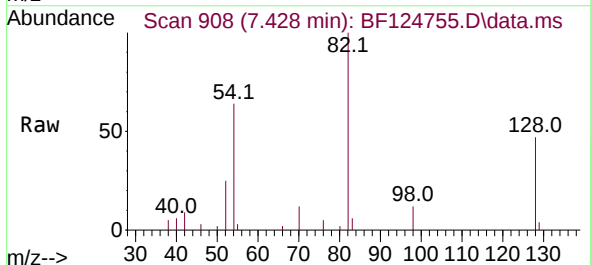
Instrument :
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ClientSampleId :
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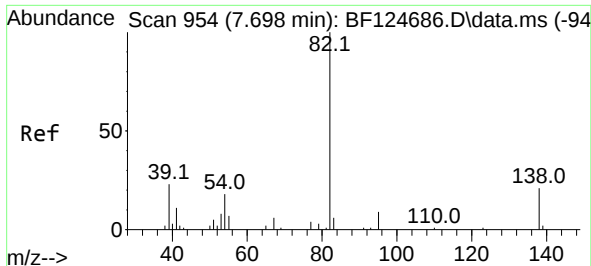
Tgt Ion:	136	Resp:	27252
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.8	14.6
54	8.7	6.4	9.6
68	4.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 28.278 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

Tgt Ion:	82	Resp:	12948
Ion Ratio	Lower	Upper	
82	100		
128	46.8	40.6	60.8
54	63.8	49.6	74.4

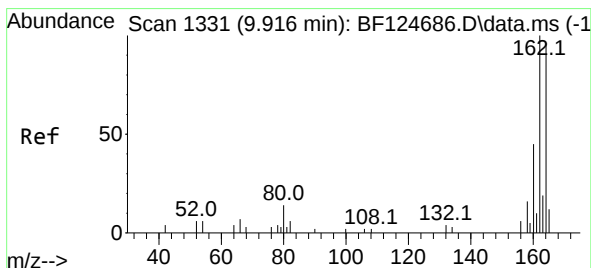
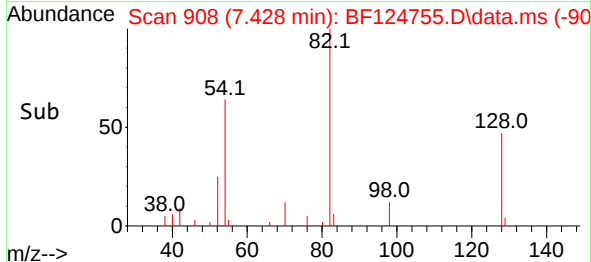
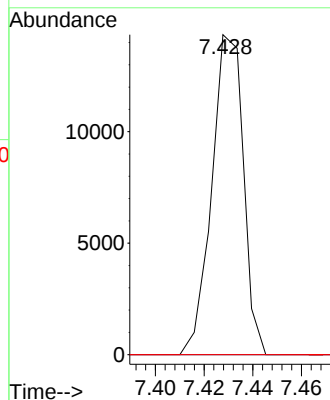
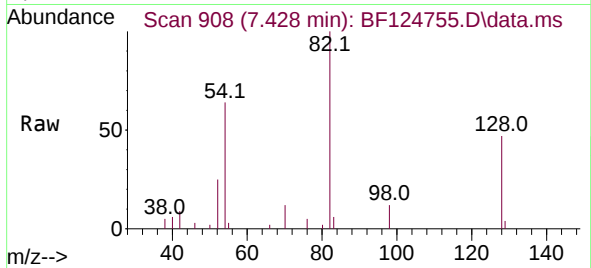




#25
Isophorone
Concen: 15.992 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

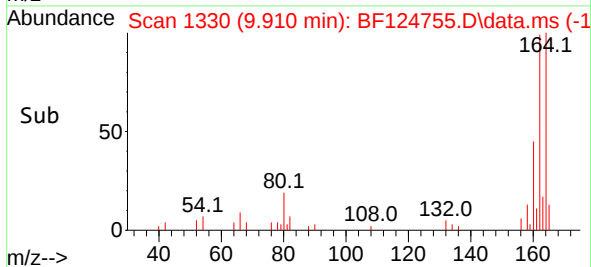
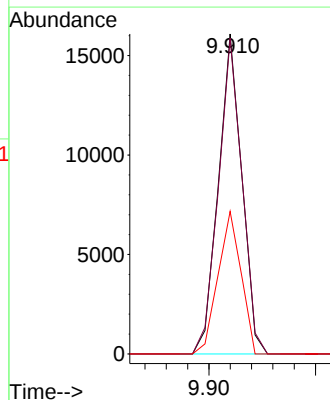
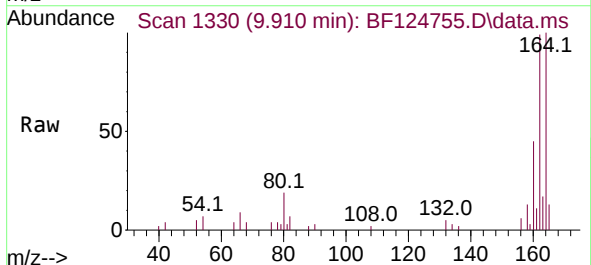
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-9

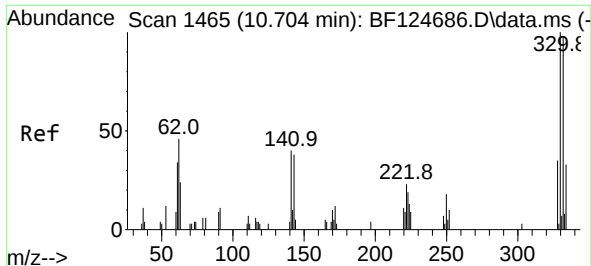
Tgt Ion: 82 Resp: 12948
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

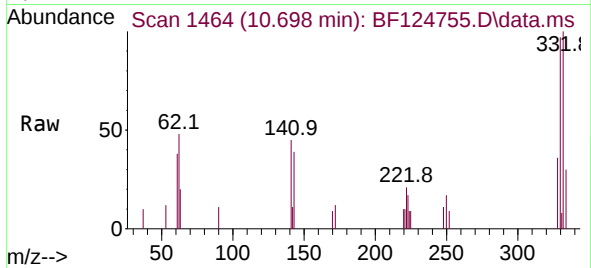
Tgt Ion: 164 Resp: 12263
Ion Ratio Lower Upper
164 100
162 98.7 81.3 121.9
160 44.5 38.0 57.0



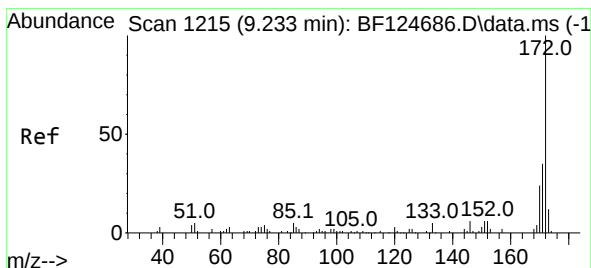
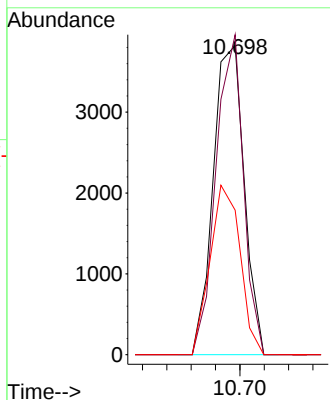
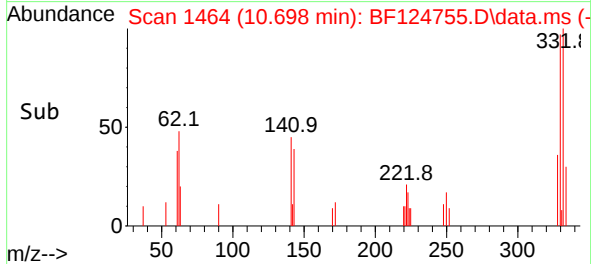


#42
2,4,6-Tribromophenol
Concen: 32.111 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

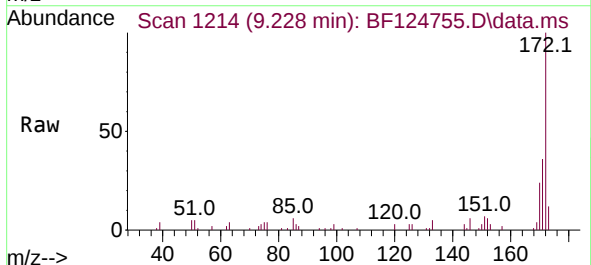
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ClientSampleId :
NJ-CLEAN-9



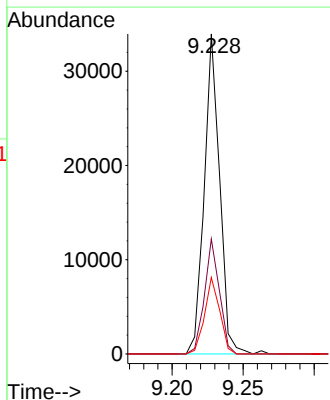
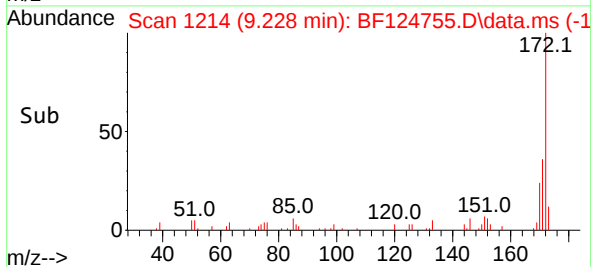
Tgt Ion: 330 Resp: 3381
Ion Ratio Lower Upper
330 100
332 91.5 76.2 114.4
141 53.1 44.6 66.8

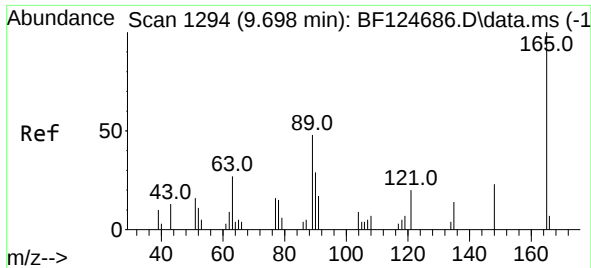


#45
2-Fluorobiphenyl
Concen: 30.752 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18



Tgt Ion: 172 Resp: 25676
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 23.9 18.8 28.2

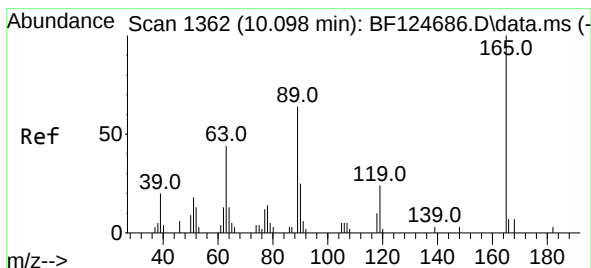
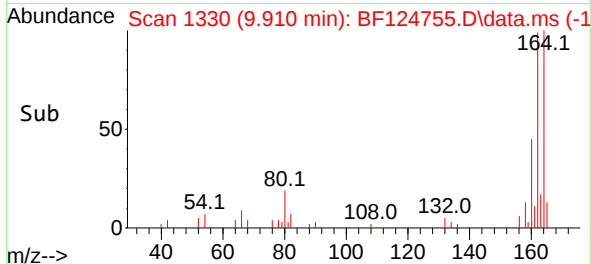
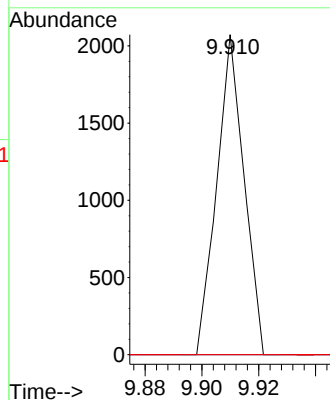
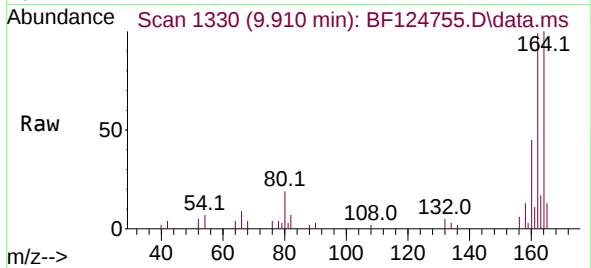




#51
2,6-Dinitrotoluene
Concen: 7.398 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

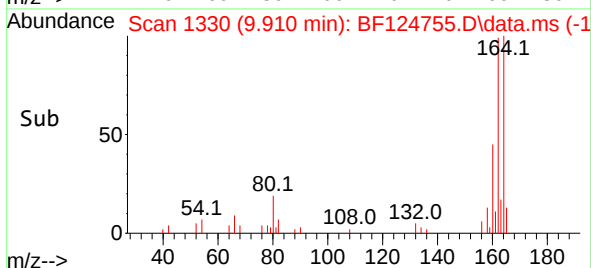
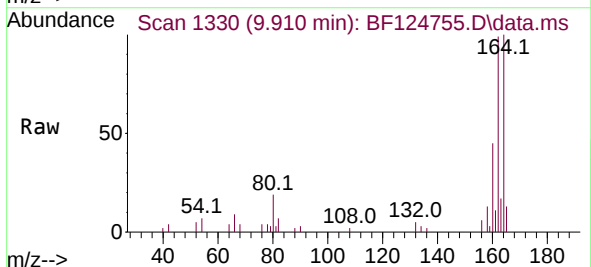
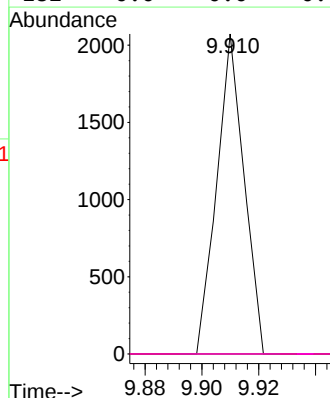
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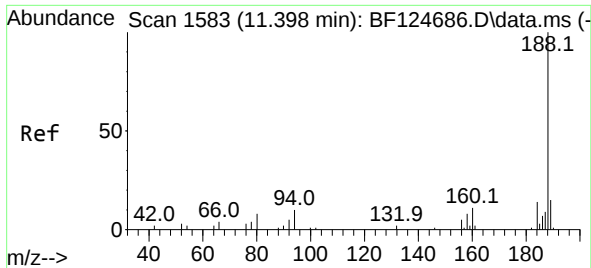
Tgt Ion:165 Resp: 1380
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.451 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

Tgt Ion:165 Resp: 1380
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

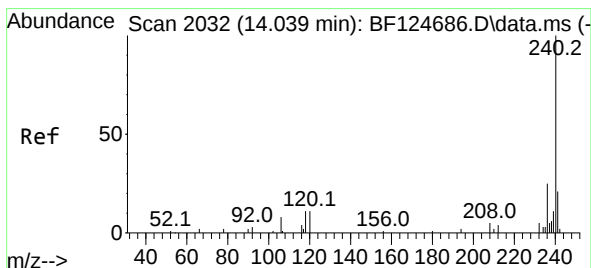
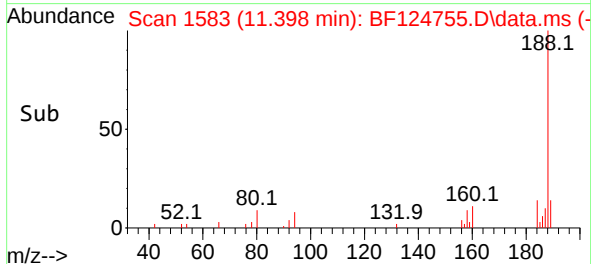
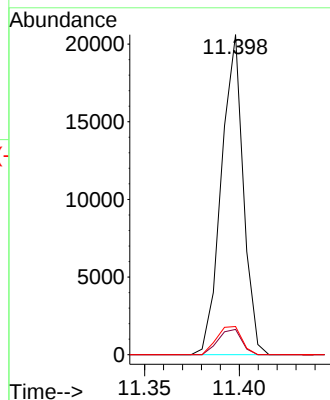
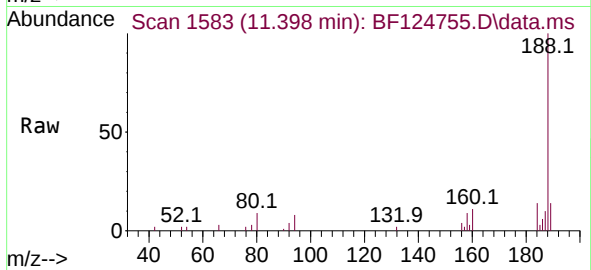




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

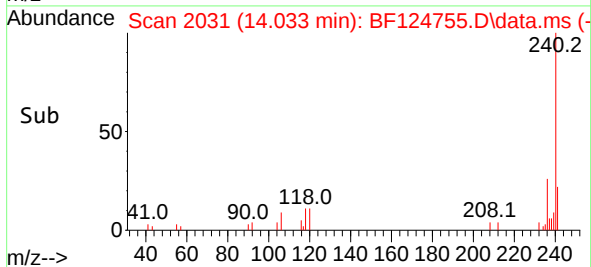
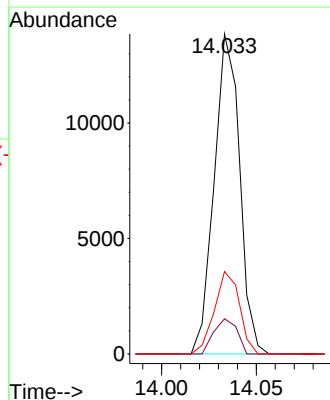
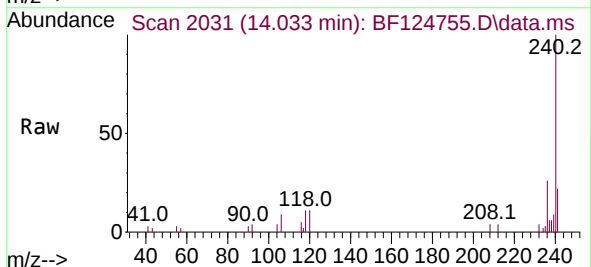
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-9

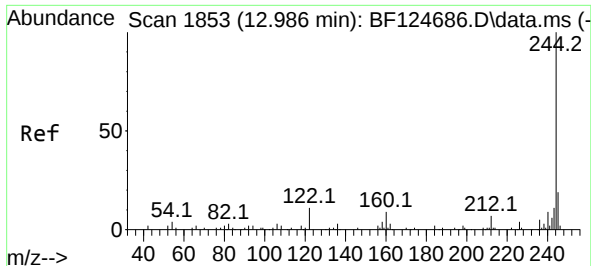
Tgt Ion:188 Resp: 16593
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124755.D
Acq: 24 Jul 2021 19:18

Tgt Ion:240 Resp: 12928
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 25.7 21.6 32.4

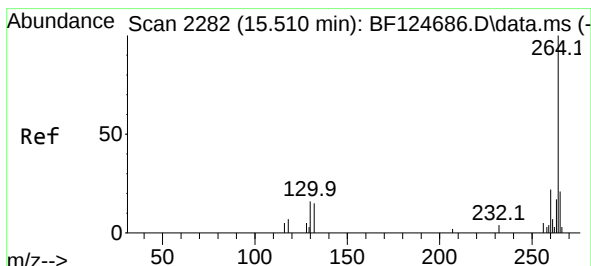
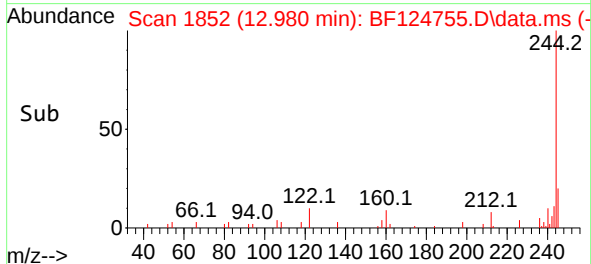
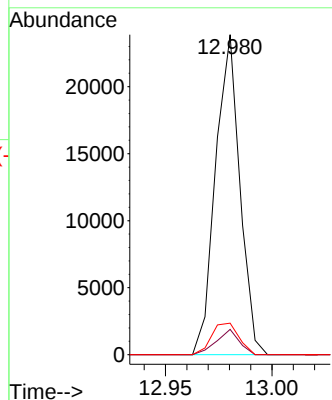
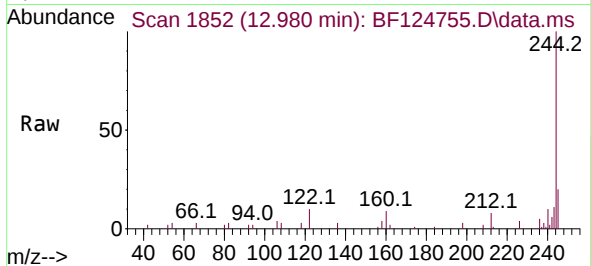




#79
 Terphenyl-d14
 Concen: 25.129 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124755.D
 Acq: 24 Jul 2021 19:18

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-9

Tgt Ion:244	Resp:	18952
Ion Ratio	Lower	Upper
244	100	
212	7.9	5.9 8.9
122	9.8	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: BF124755.D
 Acq: 24 Jul 2021 19:18

Tgt Ion:264	Resp:	9063
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.6 29.4
265	21.1	17.2 25.8

