

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124753.D
 Acq On : 24 Jul 2021 18:12
 Operator : JU/CG
 Sample : M3117-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-1

Quant Time: Jul 25 04:29:45 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)

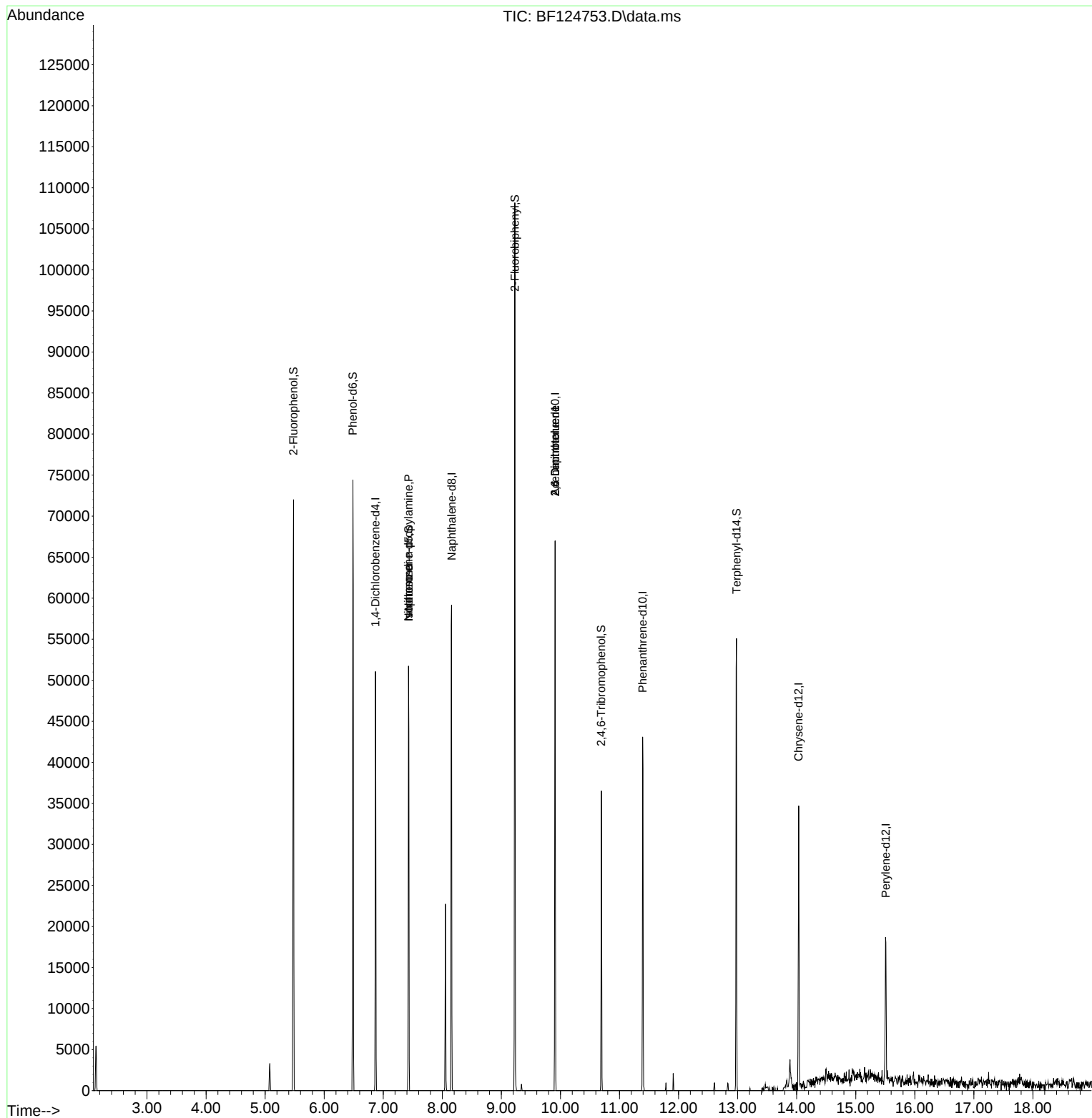
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7407	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	26952	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	12490	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	16955	20.000	ng	0.00
76) Chrysene-d12	14.033	240	12644	20.000	ng	0.00
86) Perylene-d12	15.509	264	9265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	18811	43.000	ng	0.00
7) Phenol-d6	6.487	99	22666	41.329	ng	-0.01
23) Nitrobenzene-d5	7.428	82	13986	30.885	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	3541	33.020	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	29250	34.396	ng	0.00
79) Terphenyl-d14	12.980	244	20559	27.872	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	1732	5.914	ng	# 76
25) Isophorone	7.428	82	13985	17.466	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1609	8.468	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1609	6.240	ng	# 18

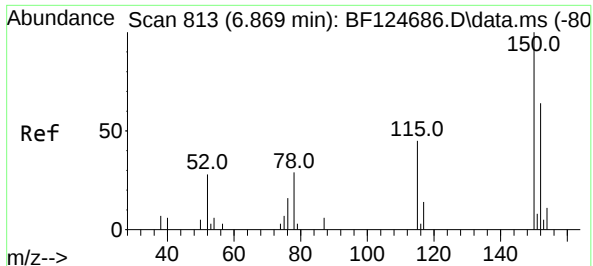
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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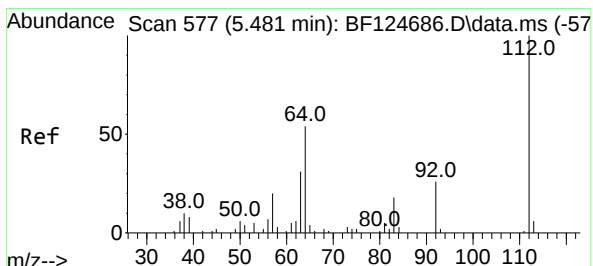
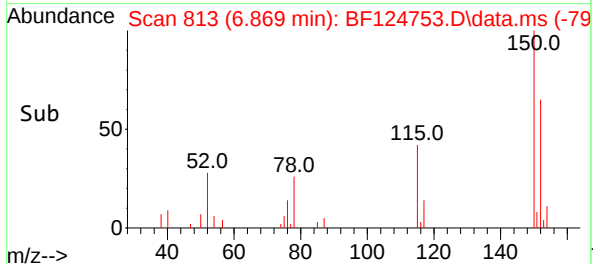
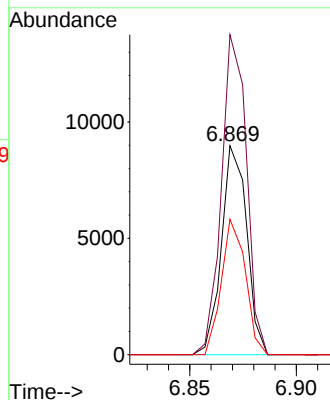
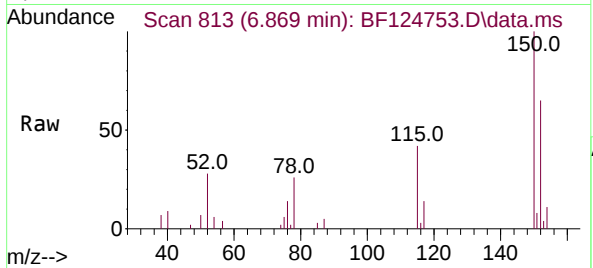




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

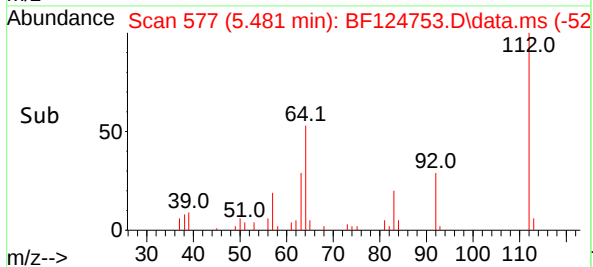
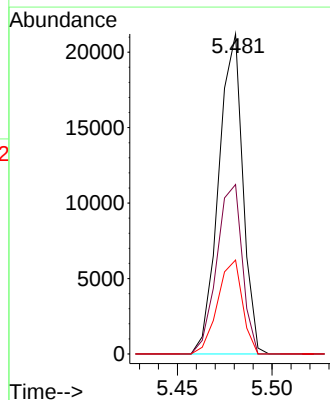
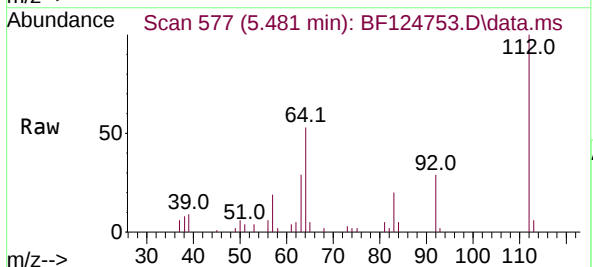
Instrument :
BNA_F
ClientSampleId :
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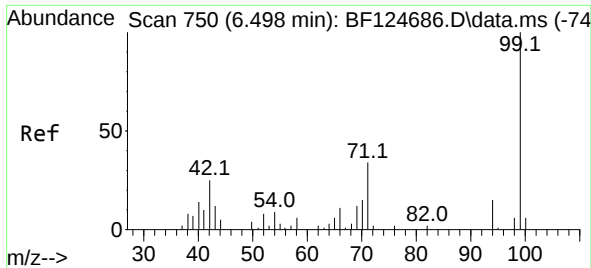
Tgt Ion:152 Resp: 7407
Ion Ratio Lower Upper
152 100
150 153.1 117.6 176.4
115 64.8 47.1 70.7



#5
2-Fluorophenol
Concen: 43.000 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

Tgt Ion:112 Resp: 18811
Ion Ratio Lower Upper
112 100
64 52.9 44.2 66.2
63 29.3 26.2 39.2

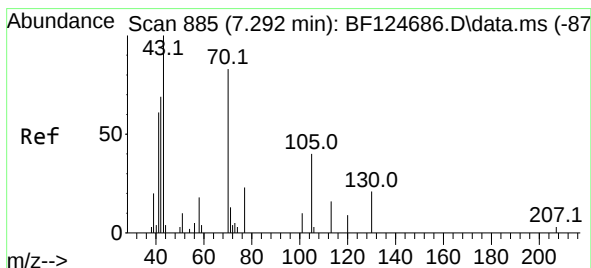
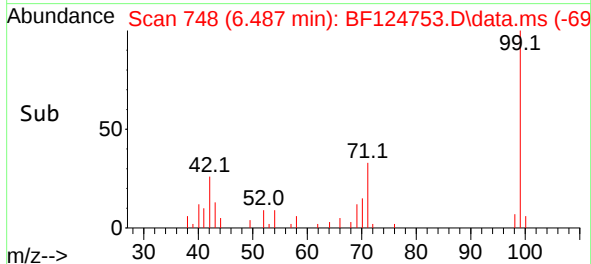
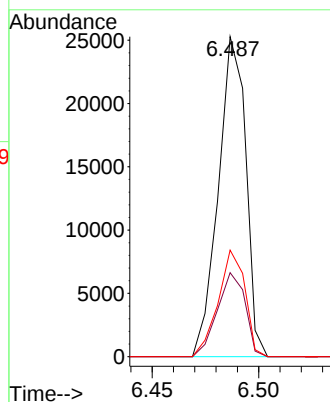
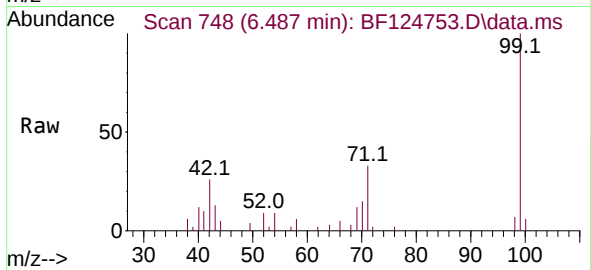




#7
Phenol-d6
Concen: 41.329 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

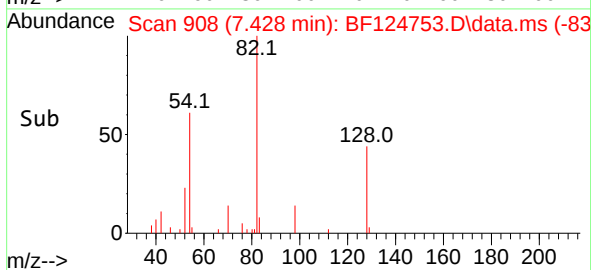
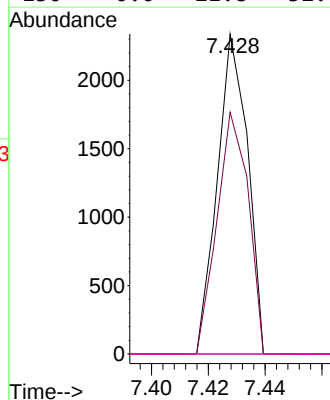
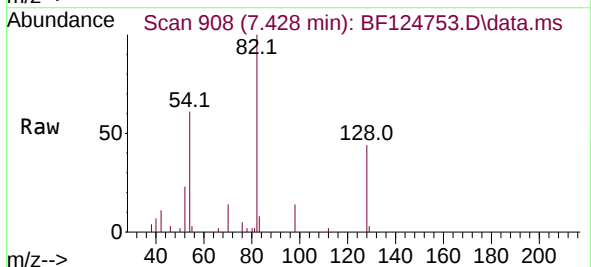
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-1

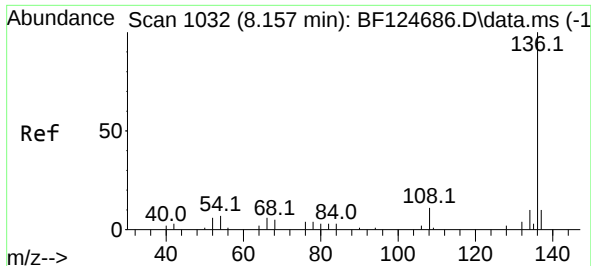
Tgt Ion:	99	Resp:	22666
Ion	Ratio	Lower	Upper
99	100		
42	26.2	23.5	35.3
71	33.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.914 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

Tgt Ion:	70	Resp:	1732
Ion	Ratio	Lower	Upper
70	100		
42	75.5	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

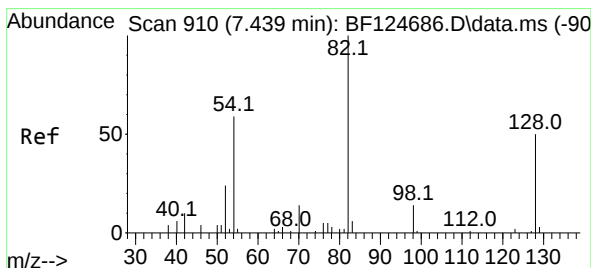
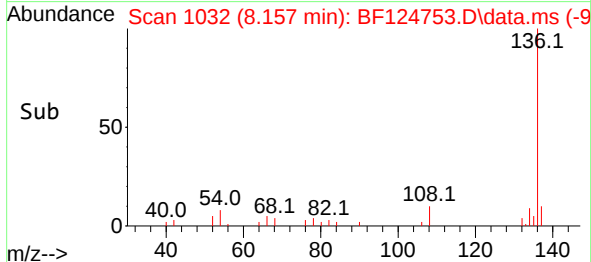
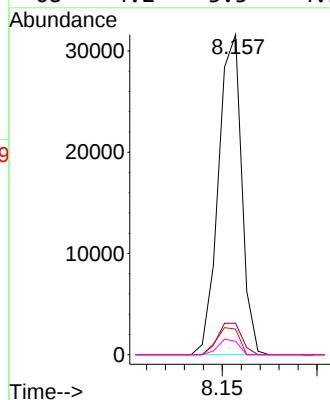
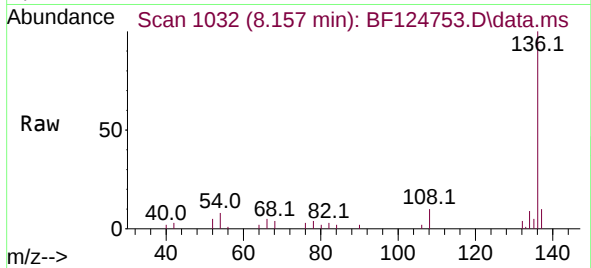




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

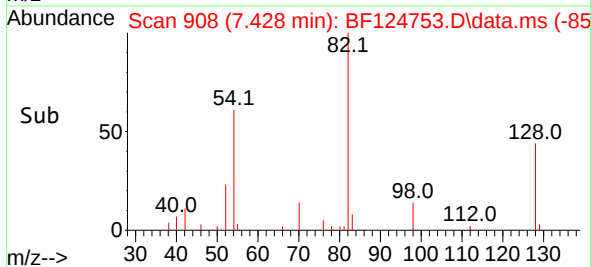
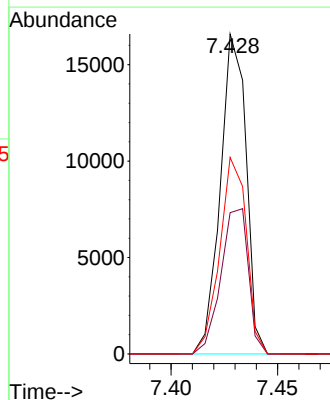
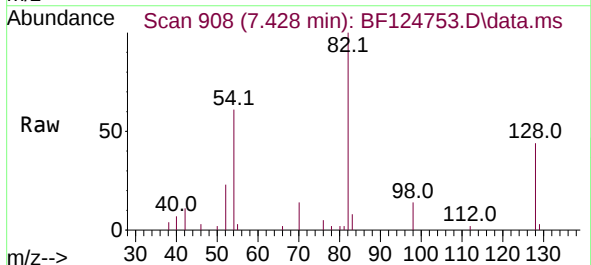
Instrument :
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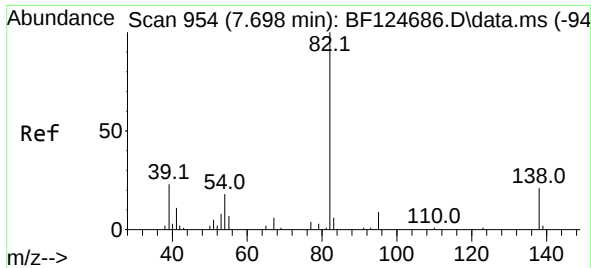
Tgt Ion:	136	Resp:	26952
Ion Ratio	Lower	Upper	
136	100		
137	9.9	9.8	14.6
54	8.0	6.4	9.6
68	4.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 30.885 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

Tgt Ion:	82	Resp:	13986
Ion Ratio	Lower	Upper	
82	100		
128	44.2	40.6	60.8
54	61.4	49.6	74.4

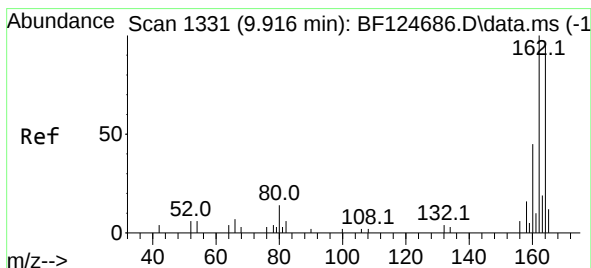
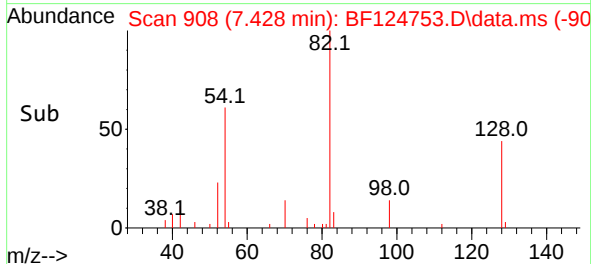
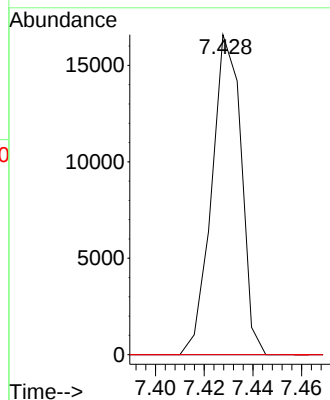
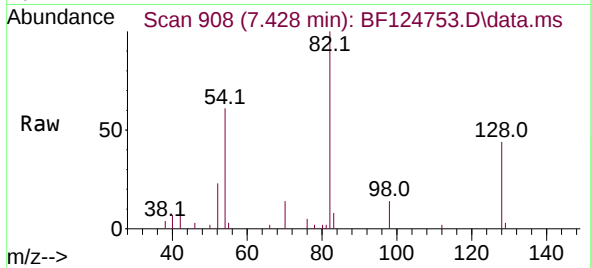




#25
Isophorone
Concen: 17.466 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

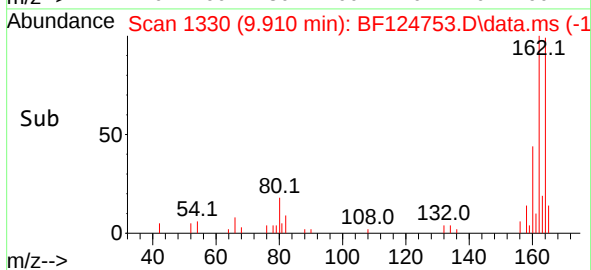
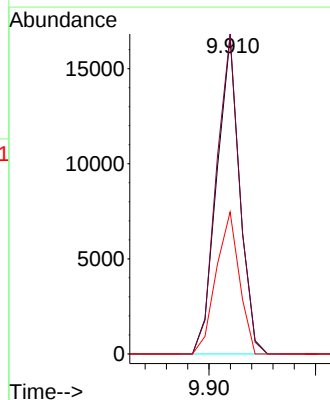
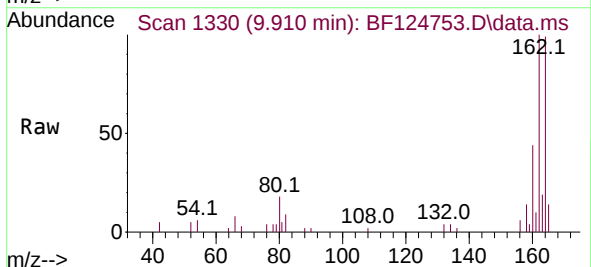
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-1

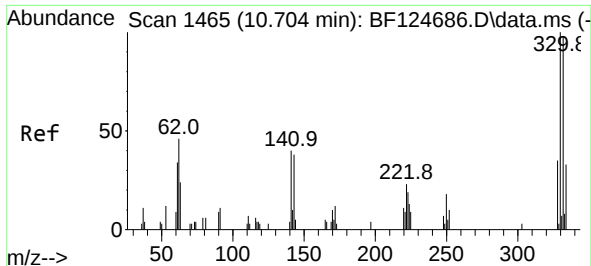
Tgt Ion:	82	Resp:	13985
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

Tgt Ion:	164	Resp:	12490
Ion Ratio	Lower	Upper	
164	100		
162	100.9	81.3	121.9
160	44.8	38.0	57.0

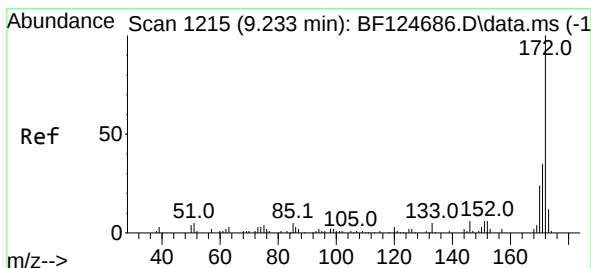
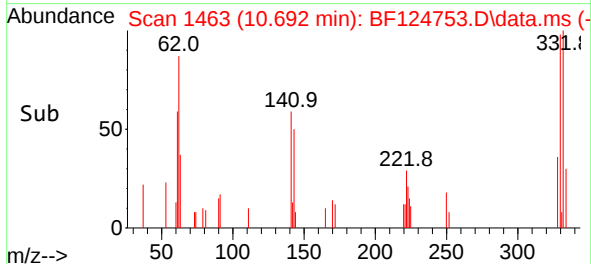
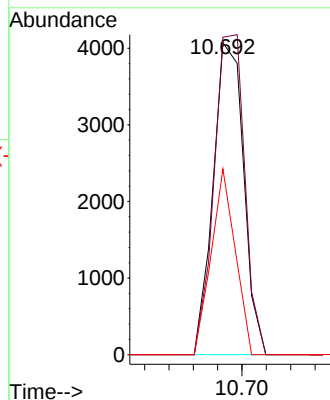
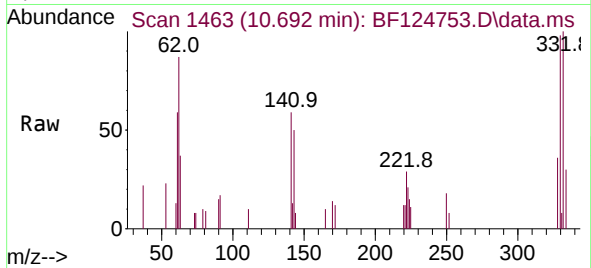




#42
2,4,6-Tribromophenol
Concen: 33.020 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

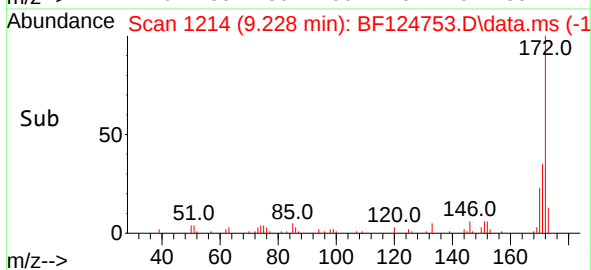
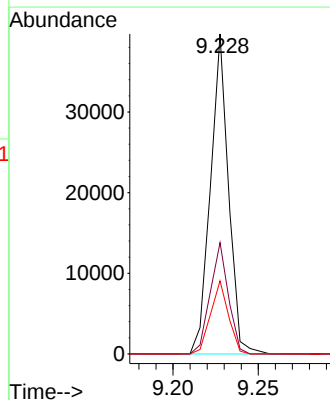
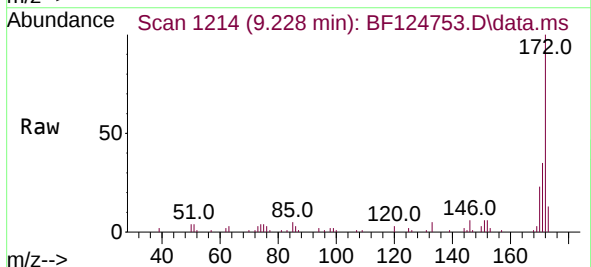
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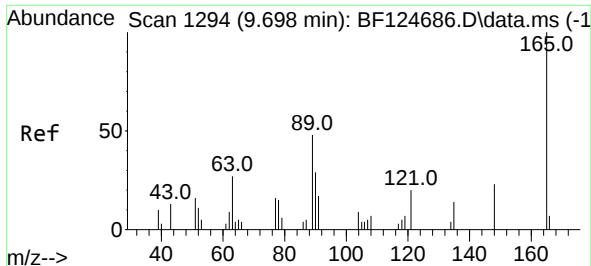
Tgt Ion: 330 Resp: 3541
Ion Ratio Lower Upper
330 100
332 103.1 76.2 114.4
141 46.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 34.396 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

Tgt Ion: 172 Resp: 29250
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 22.9 18.8 28.2

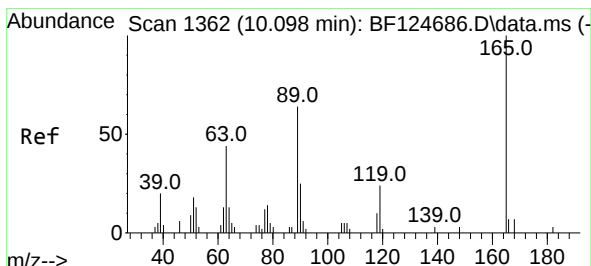
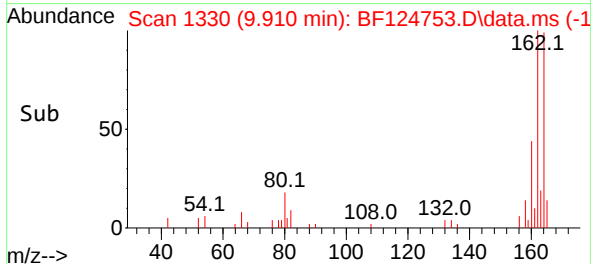
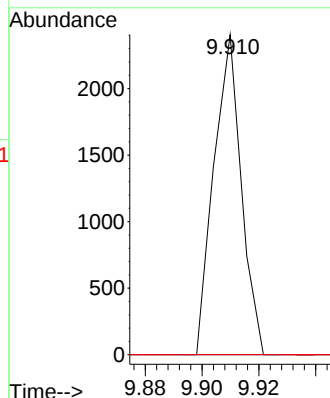
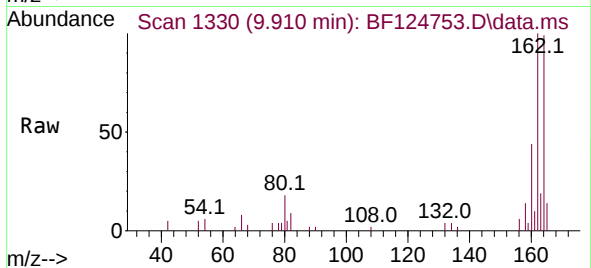




#51
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

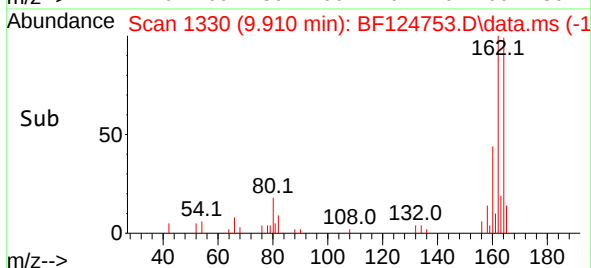
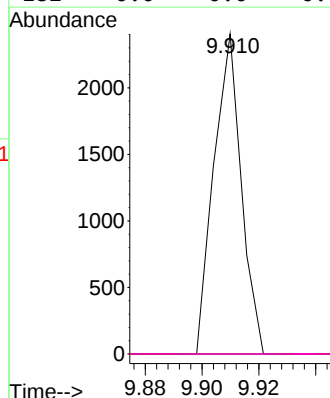
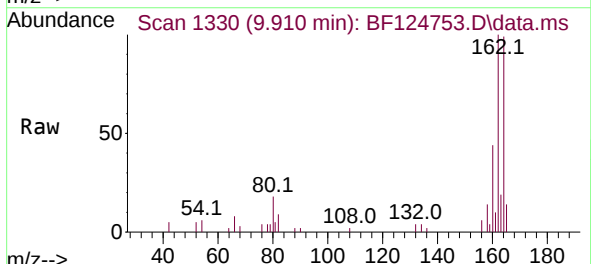
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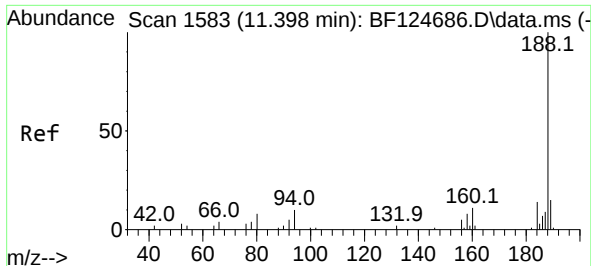
Tgt Ion:165 Resp: 1609
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.240 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

Tgt Ion:165 Resp: 1609
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

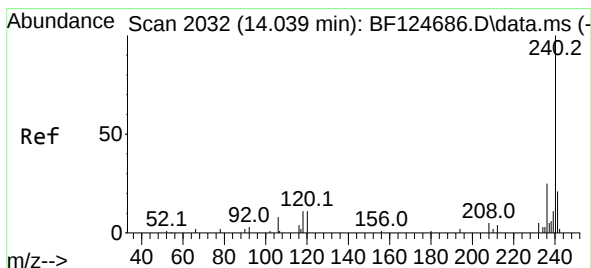
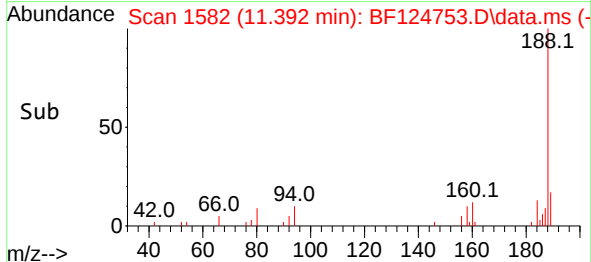
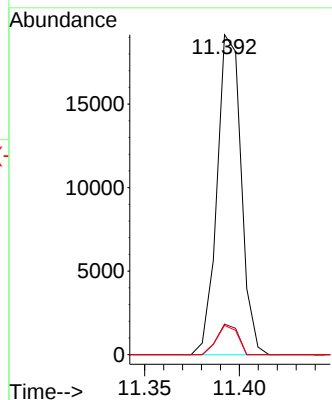
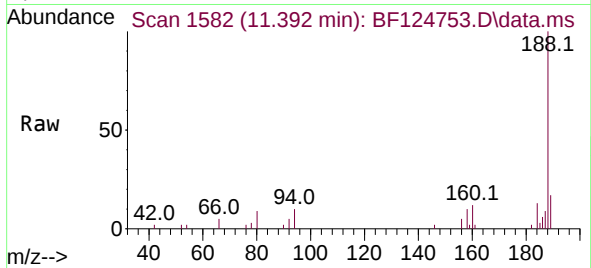




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

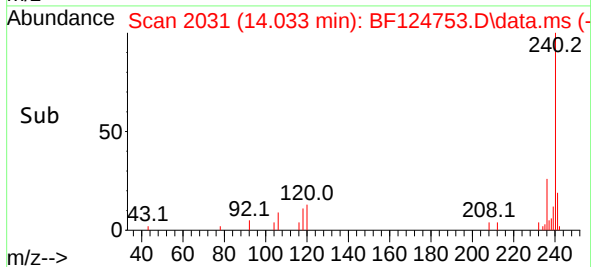
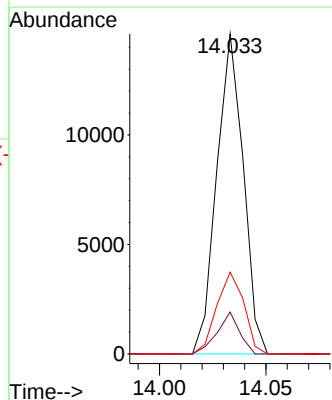
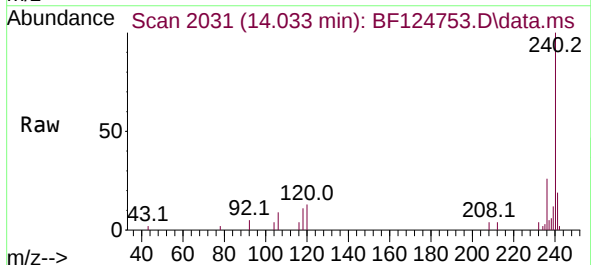
Instrument :
BNA_F
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NJ-CLEAN-1

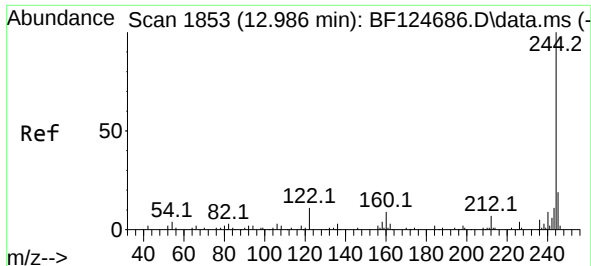
Tgt Ion:188 Resp: 16955
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 9.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

Tgt Ion:240 Resp: 12644
Ion Ratio Lower Upper
240 100
120 13.1 10.8 16.2
236 25.6 21.6 32.4

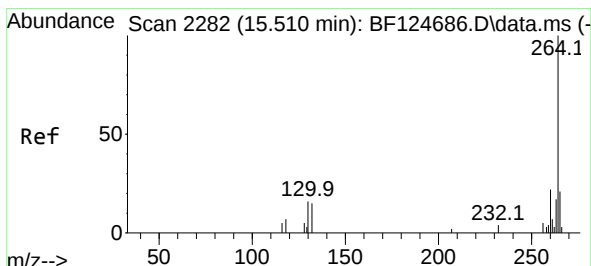
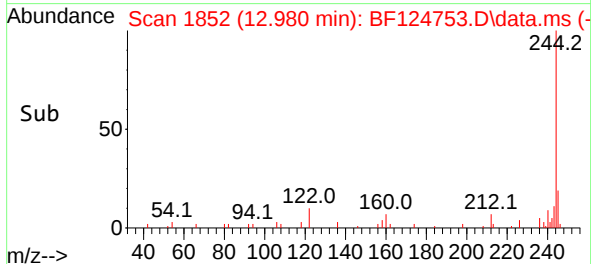
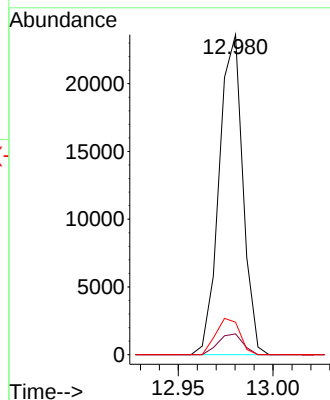
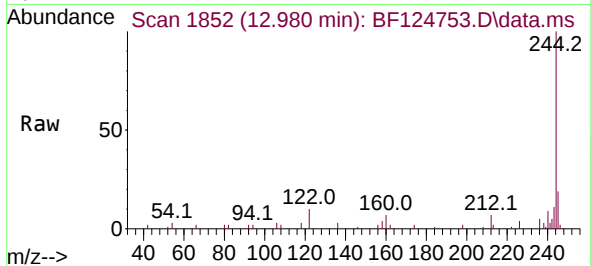




#79
Terphenyl-d14
Concen: 27.872 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124753.D
Acq: 24 Jul 2021 18:12

Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-1

Tgt Ion:244	Resp:	20559
Ion Ratio	Lower	Upper
244	100	
212	6.5	5.9 8.9
122	10.1	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: BF124753.D
Acq: 24 Jul 2021 18:12

Tgt Ion:264	Resp:	9265
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.6 29.4
265	21.7	17.2 25.8

