

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124754.D
 Acq On : 24 Jul 2021 18:45
 Operator : JU/CG
 Sample : M3117-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-3

Quant Time: Jul 25 04:29:56 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)

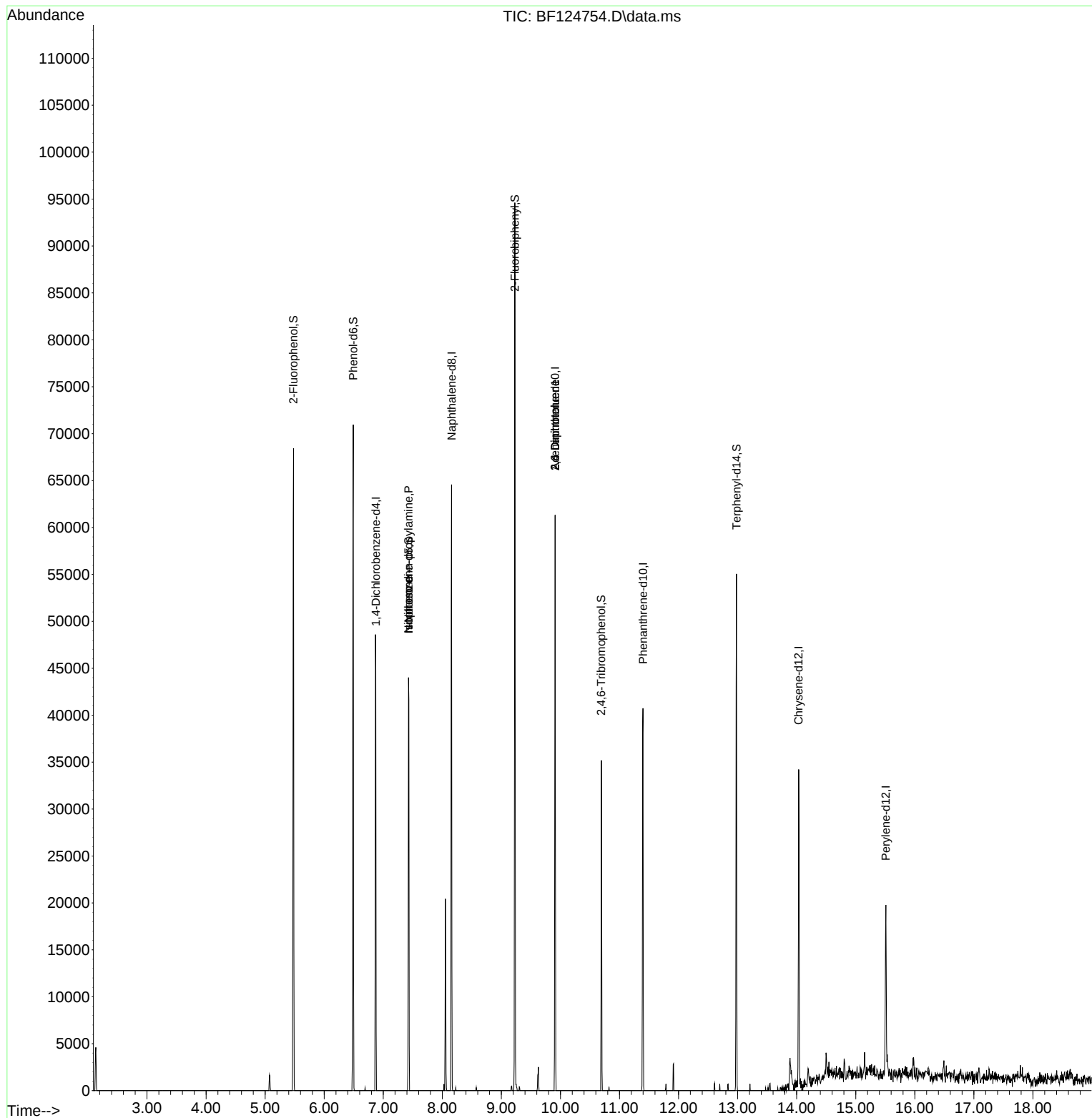
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	7387	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	26758	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	11514	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	16864	20.000	ng	0.00
76) Chrysene-d12	14.033	240	12943	20.000	ng	0.00
86) Perylene-d12	15.510	264	9251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	18184	41.679	ng	0.00
7) Phenol-d6	6.493	99	21171	38.707	ng	0.00
23) Nitrobenzene-d5	7.428	82	13522	30.077	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	3408	34.473	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	25651	32.721	ng	0.00
79) Terphenyl-d14	12.980	244	19065	25.249	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	1674	5.732	ng	# 79
25) Isophorone	7.428	82	13522	17.010	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1434	8.187	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1434	6.033	ng	# 18

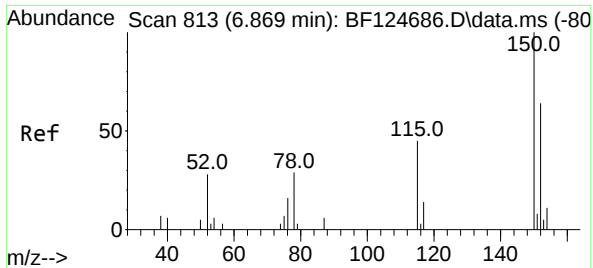
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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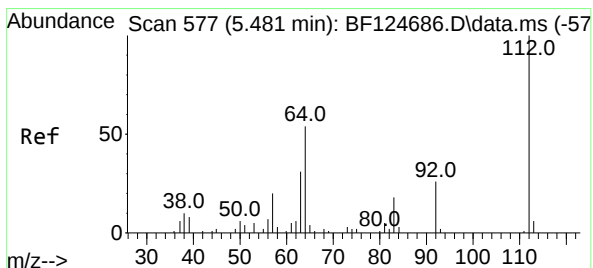
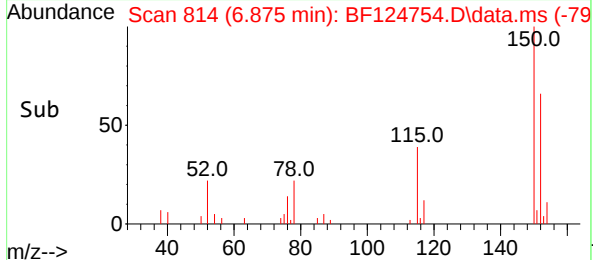
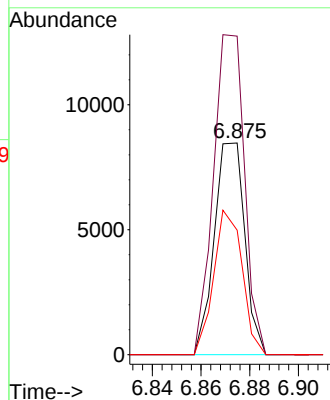
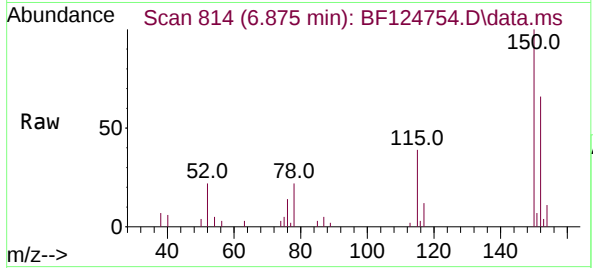




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

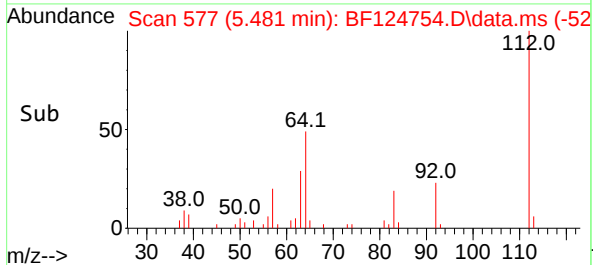
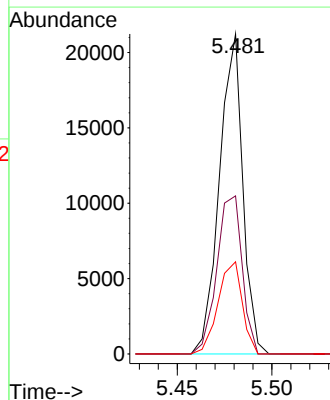
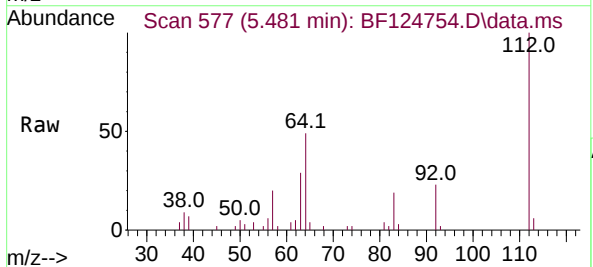
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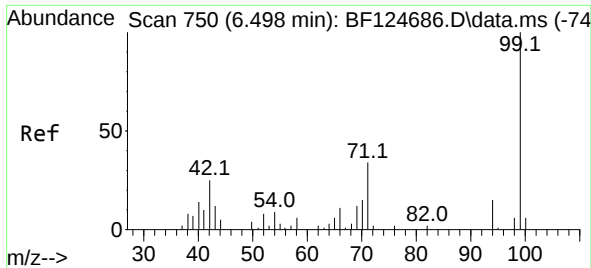
Tgt Ion:152 Resp: 7387
Ion Ratio Lower Upper
152 100
150 150.5 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 41.679 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

Tgt Ion:112 Resp: 18184
Ion Ratio Lower Upper
112 100
64 49.4 44.2 66.2
63 28.8 26.2 39.2

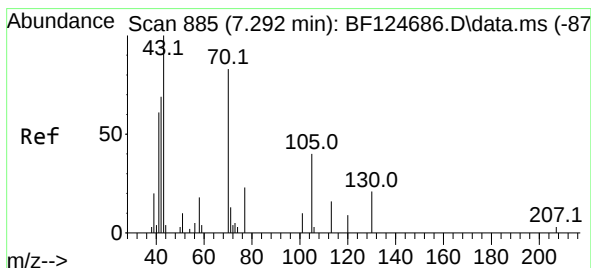
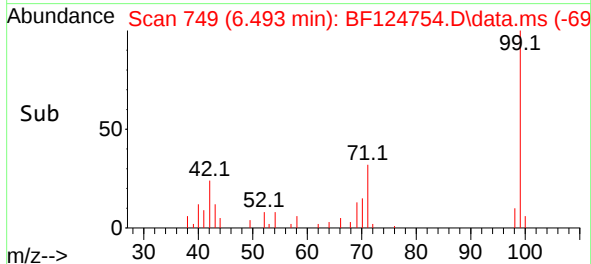
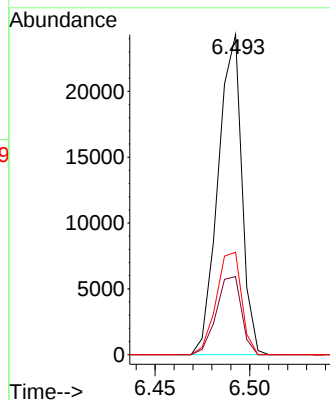
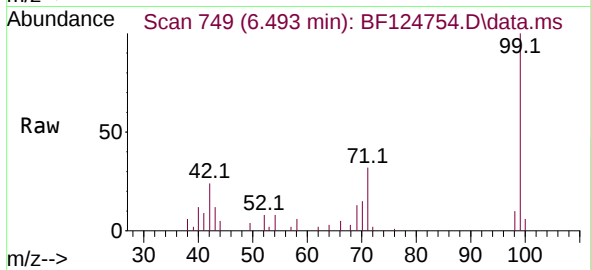




#7
Phenol-d6
Concen: 38.707 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

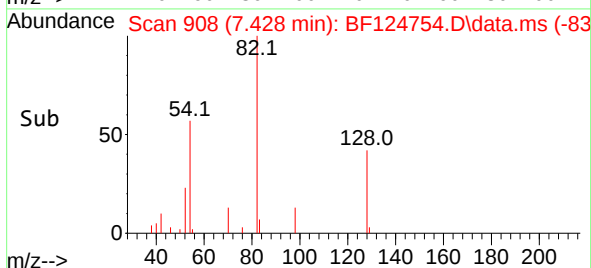
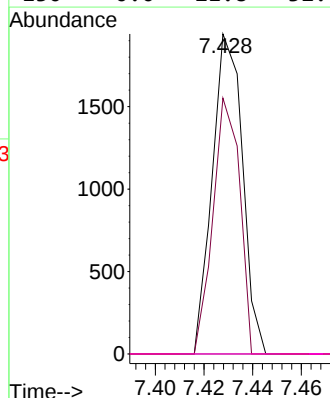
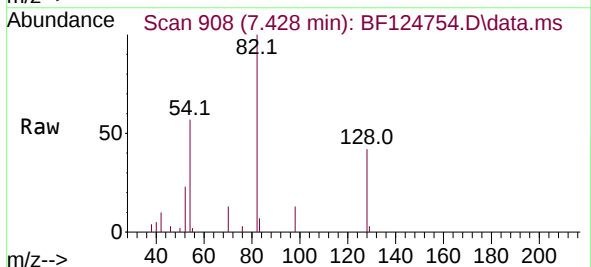
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-3

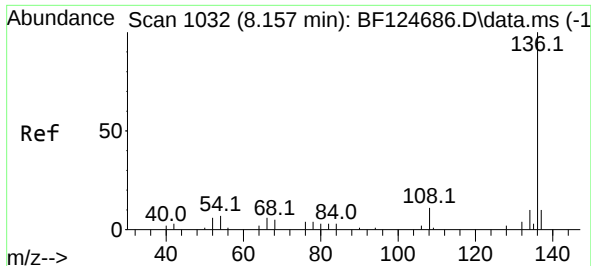
Tgt Ion:	99	Resp:	21171
Ion	Ratio	Lower	Upper
99	100		
42	24.4	23.5	35.3
71	32.0	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.732 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

Tgt Ion:	70	Resp:	1674
Ion	Ratio	Lower	Upper
70	100		
42	80.0	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

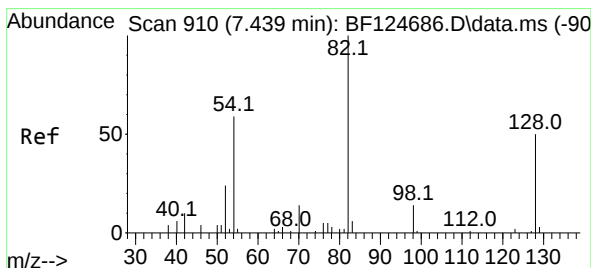
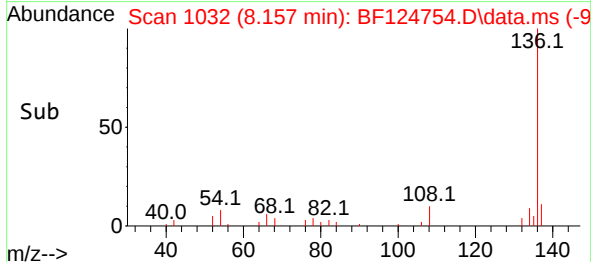
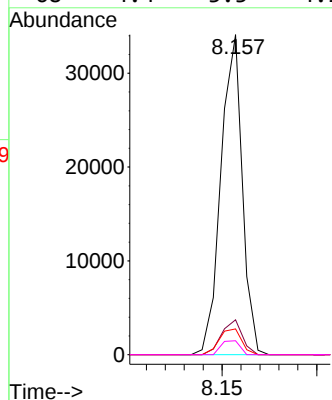
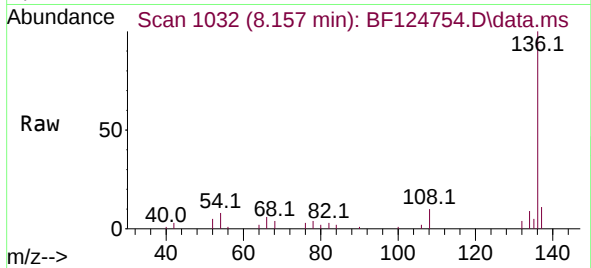




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

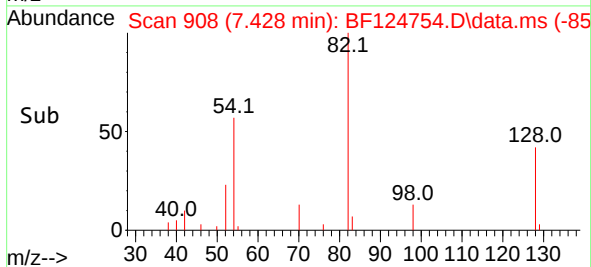
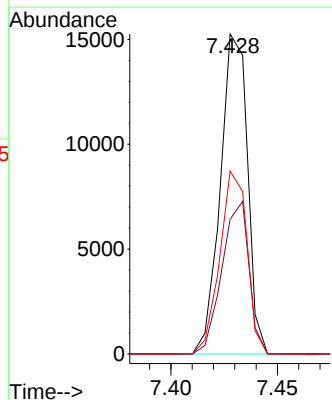
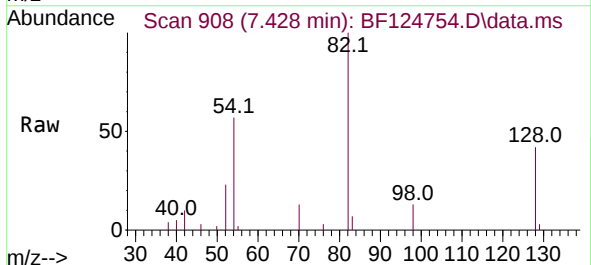
Instrument :
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ClientSampleId :
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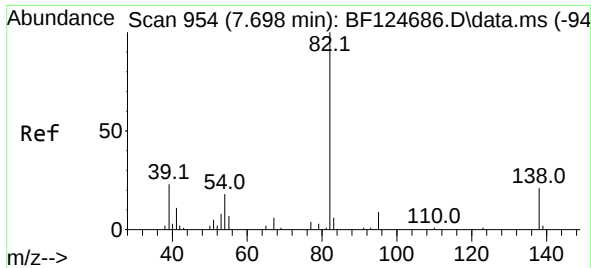
Tgt Ion:	136	Resp:	26758
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	8.1	6.4	9.6
68	4.4	3.3	4.9



#23
Nitrobenzene-d5
Concen: 30.077 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

Tgt Ion:	82	Resp:	13522
Ion Ratio	Lower	Upper	
82	100		
128	42.1	40.6	60.8
54	57.1	49.6	74.4

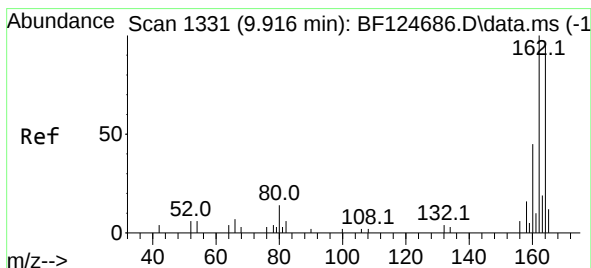
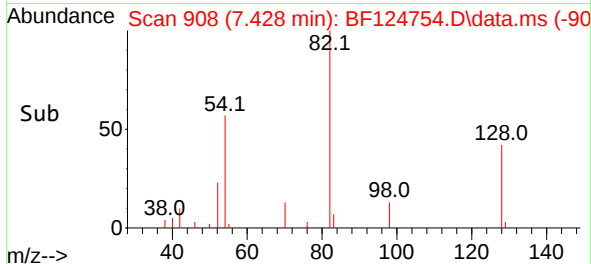
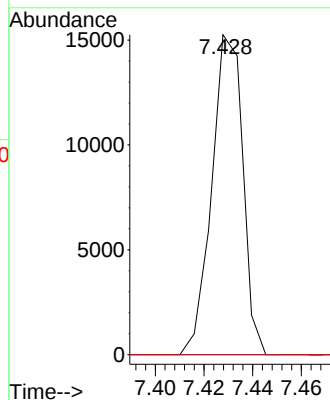
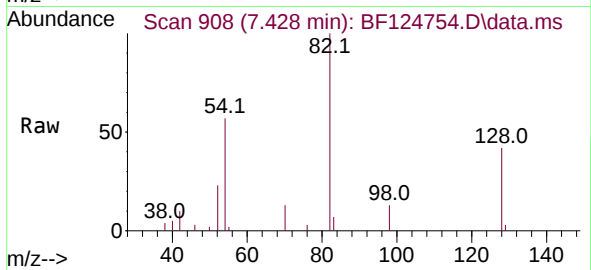




#25
Isophorone
Concen: 17.010 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

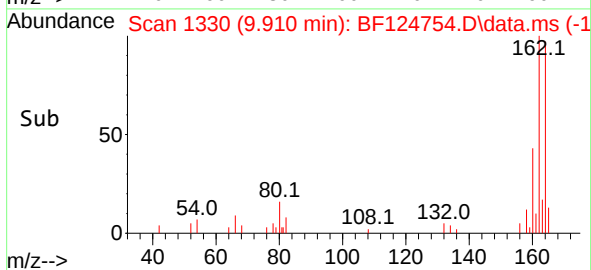
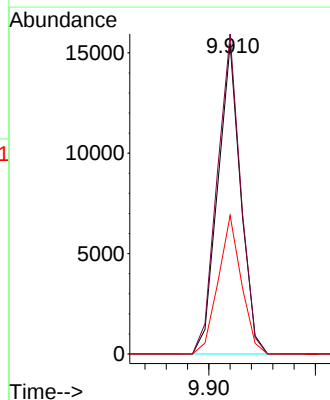
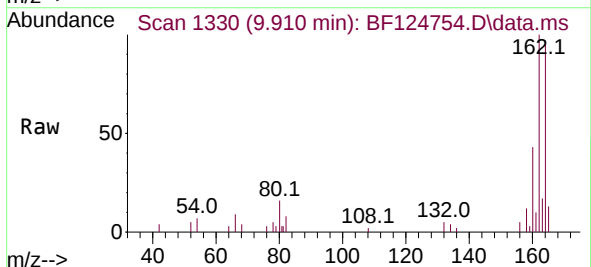
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ClientSampleId :
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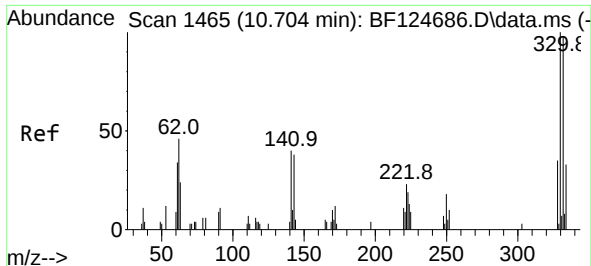
Tgt Ion: 82	Resp: 13522
Ion Ratio	Lower Upper
82 100	
95 0.0	6.5 9.7#
138 0.0	18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

Tgt Ion: 164	Resp: 11514
Ion Ratio	Lower Upper
164 100	
162 103.2	81.3 121.9
160 44.7	38.0 57.0

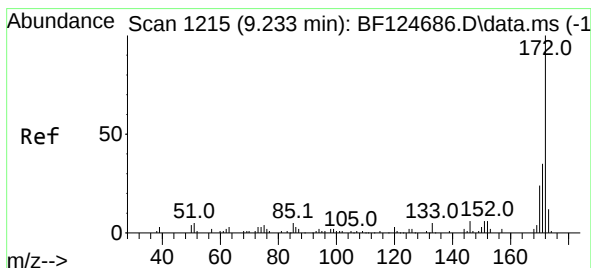
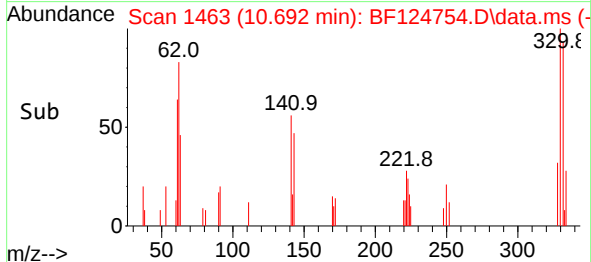
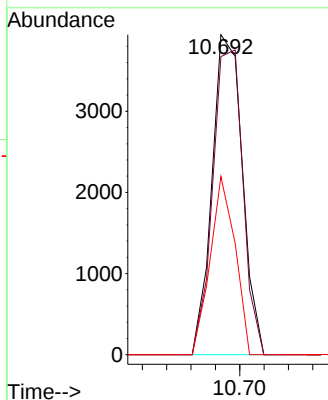
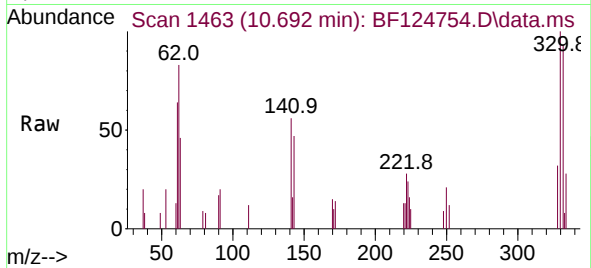




#42
2,4,6-Tribromophenol
Concen: 34.473 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

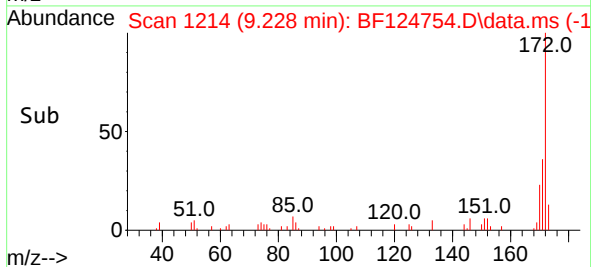
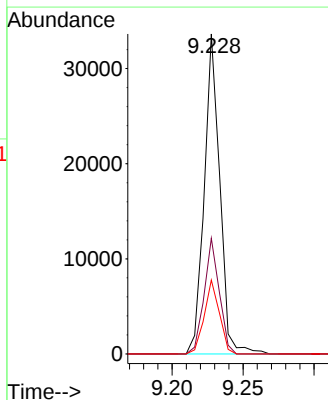
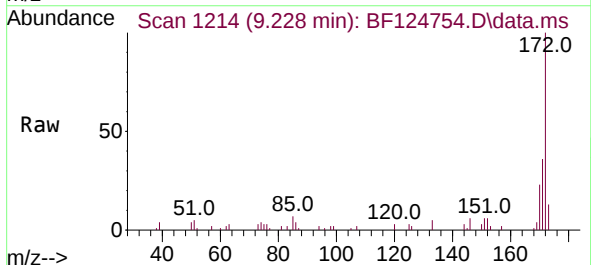
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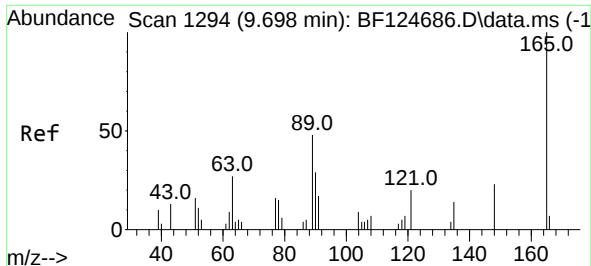
Tgt Ion: 330 Resp: 3408
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 45.7 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 32.721 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

Tgt Ion: 172 Resp: 25651
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 23.1 18.8 28.2

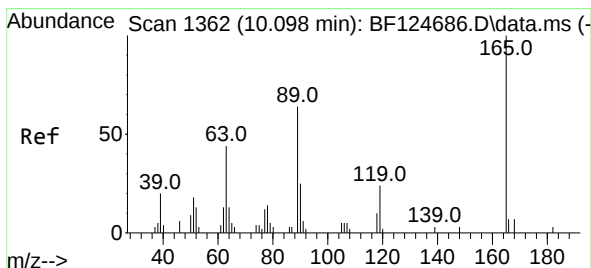
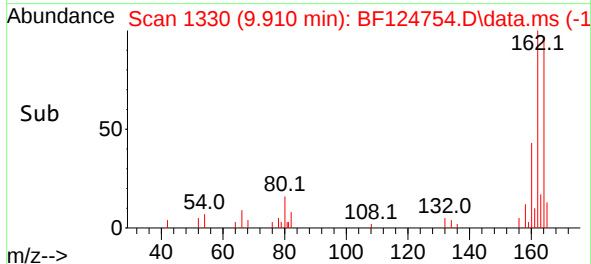
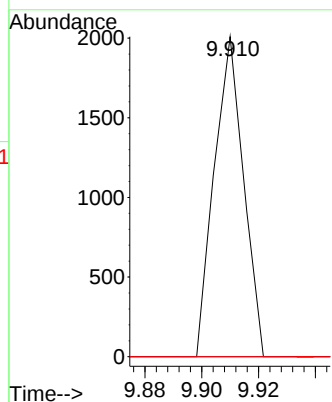
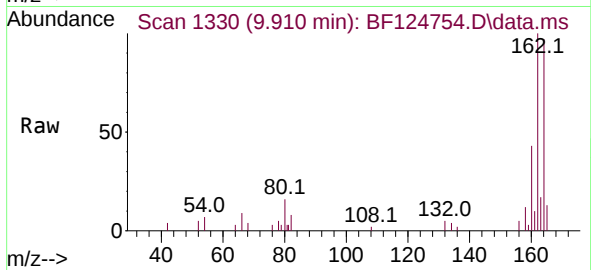




#51
2,6-Dinitrotoluene
Concen: 8.187 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

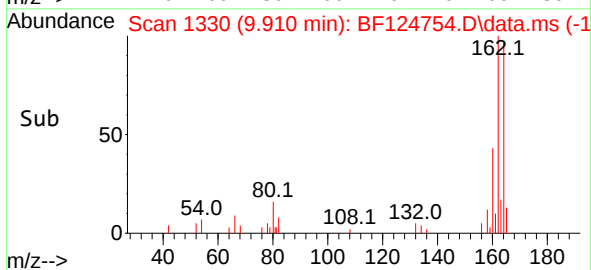
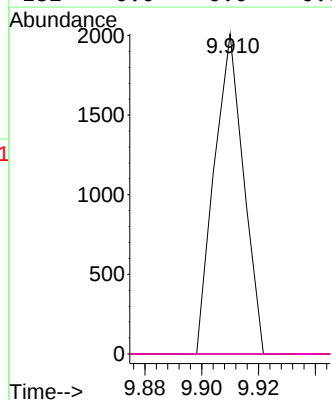
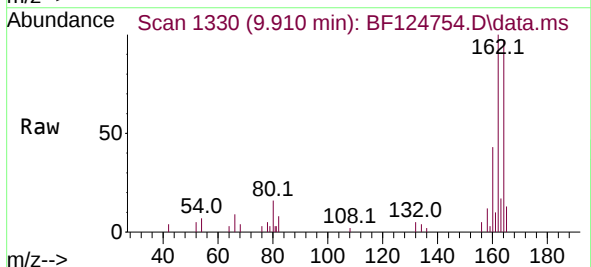
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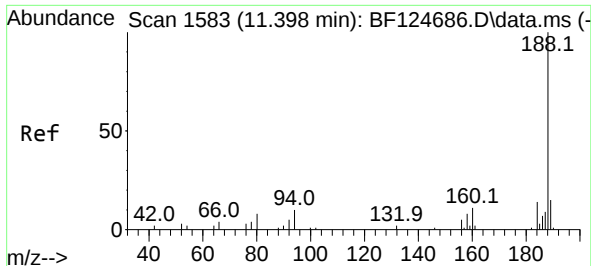
Tgt Ion:165 Resp: 1434
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.033 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

Tgt Ion:165 Resp: 1434
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

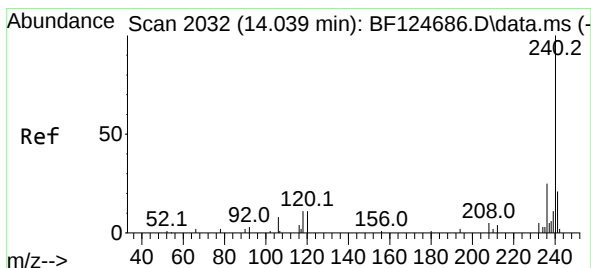
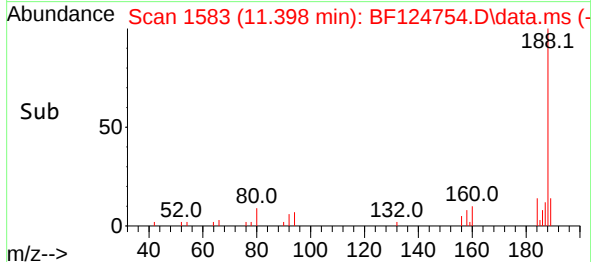
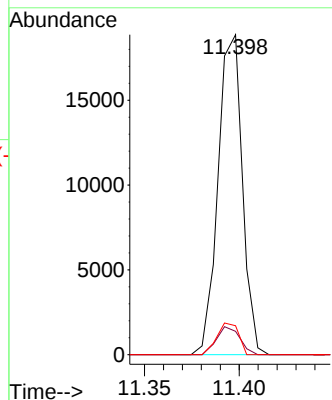
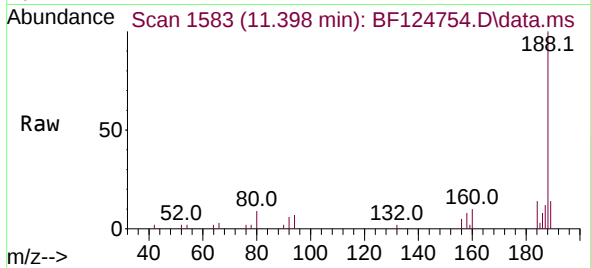




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

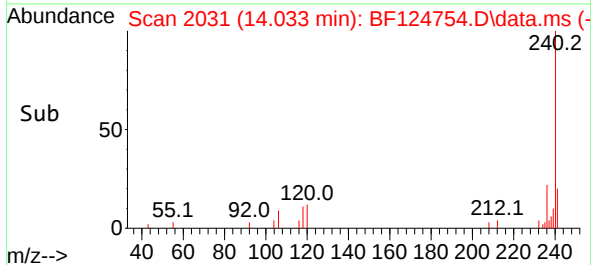
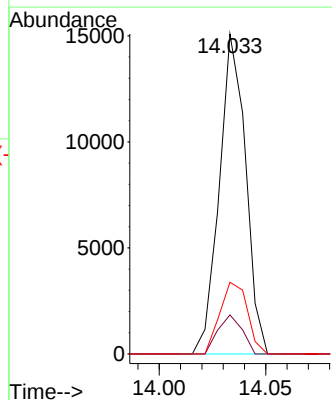
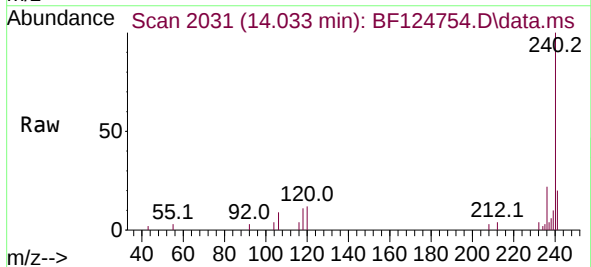
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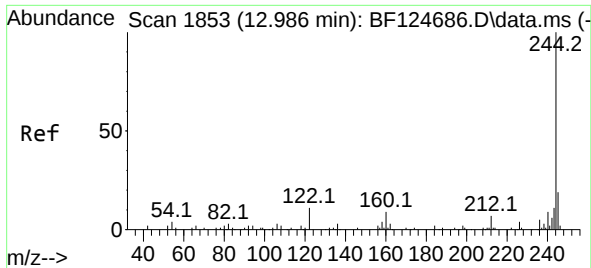
Tgt Ion:188 Resp: 16864
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 9.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124754.D
Acq: 24 Jul 2021 18:45

Tgt Ion:240 Resp: 12943
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 22.4 21.6 32.4

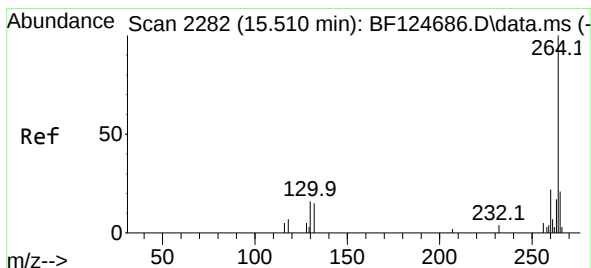
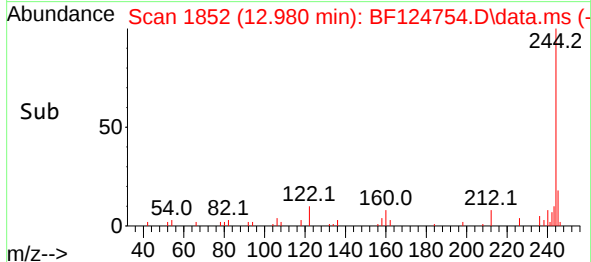
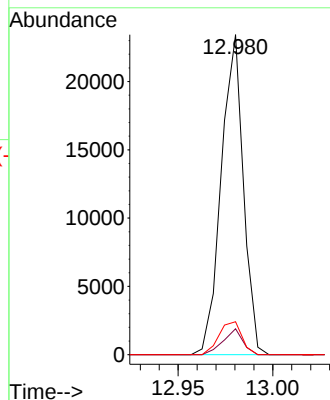
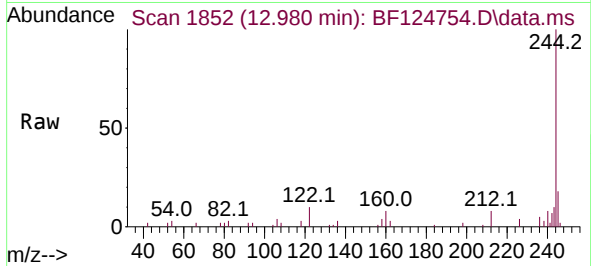




#79
 Terphenyl-d14
 Concen: 25.249 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124754.D
 Acq: 24 Jul 2021 18:45

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-3

Tgt Ion:244	Resp:	19065
Ion Ratio	Lower	Upper
244	100	
212	8.1	5.9 8.9
122	10.3	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: BF124754.D
 Acq: 24 Jul 2021 18:45

Tgt Ion:264	Resp:	9251
Ion Ratio	Lower	Upper
264	100	
260	25.7	19.6 29.4
265	23.0	17.2 25.8

