

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124741.D
 Acq On : 24 Jul 2021 11:42
 Operator : JU/CG
 Sample : M3110-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLERE

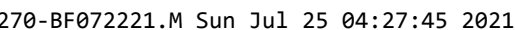
Quant Time: Jul 25 04:27:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

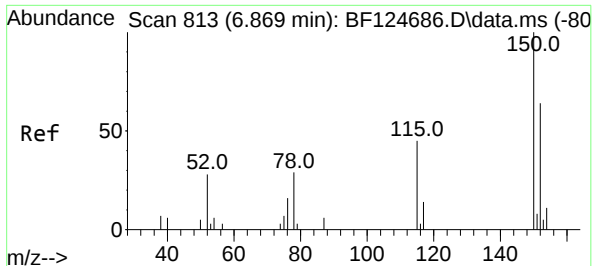
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7835	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	31550	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	18790	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	35268	20.000	ng	0.00
76) Chrysene-d12	14.027	240	18703	20.000	ng	-0.01
86) Perylene-d12	15.498	264	12503	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3656	7.901	ng	0.00
7) Phenol-d6	6.481	99	2901	5.001	ng	-0.02
23) Nitrobenzene-d5	7.428	82	16514	31.153	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	2333	14.461	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	38157	29.826	ng	0.00
79) Terphenyl-d14	12.974	244	38642	35.416	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	2264	7.309	ng	# 71
25) Isophorone	7.428	82	16513	17.617	ng	# 59
27) 2,4-Dimethylphenol	7.904	122	5860	13.230	ng	# 7
32) Benzoic acid	7.904	122	5860	17.093	ng	93
51) 2,6-Dinitrotoluene	9.904	165	2656	9.292	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	2656	6.847	ng	# 18

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

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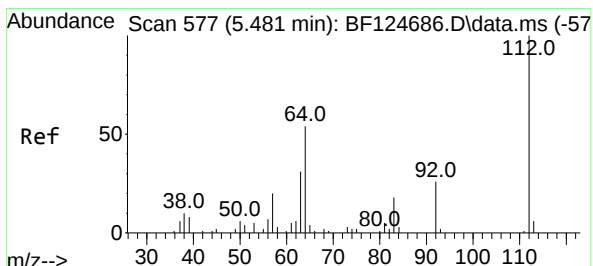
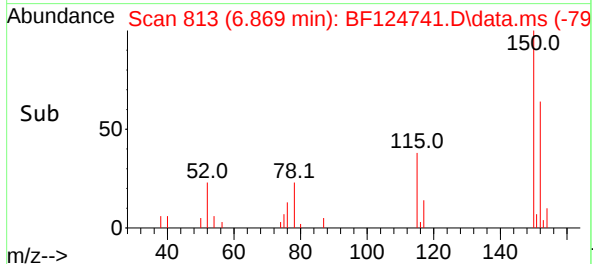
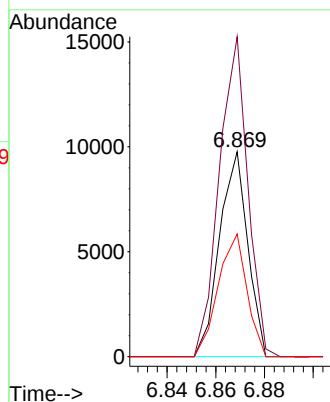
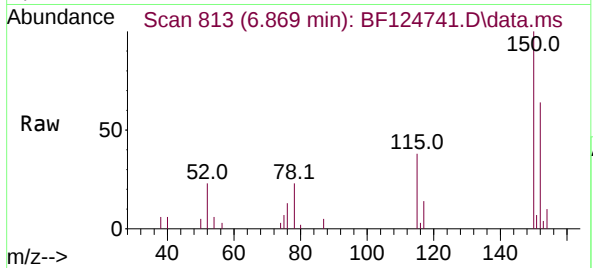




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

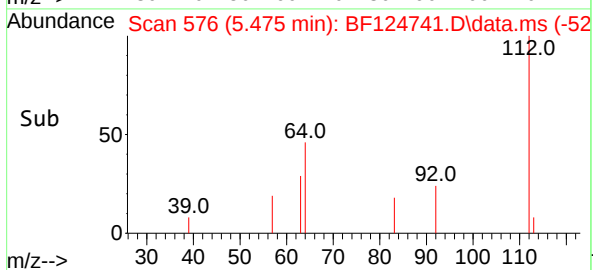
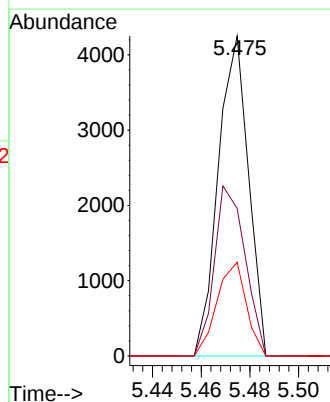
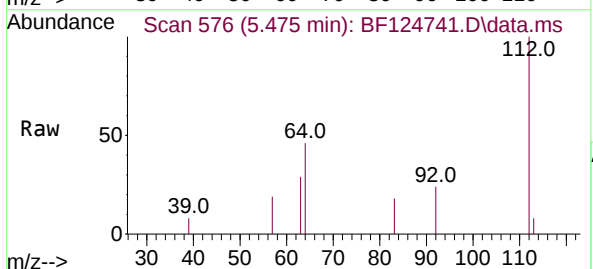
Instrument :
BNA_F
ClientSampleId :
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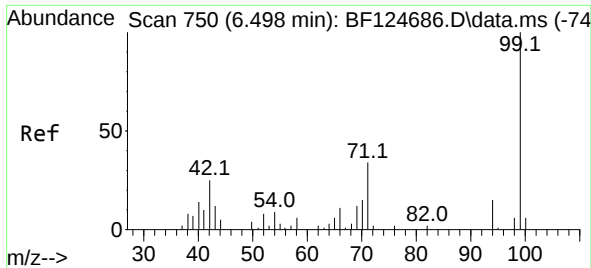
Tgt Ion:152 Resp: 7835
Ion Ratio Lower Upper
152 100
150 156.2 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 7.901 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

Tgt Ion:112 Resp: 3656
Ion Ratio Lower Upper
112 100
64 46.1 44.2 66.2
63 29.3 26.2 39.2

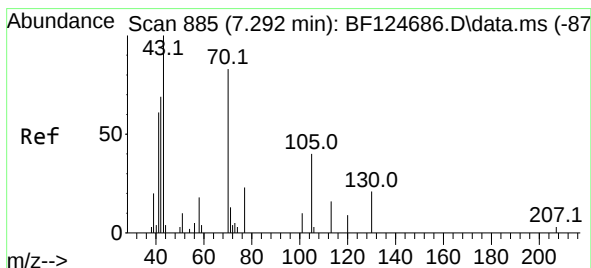
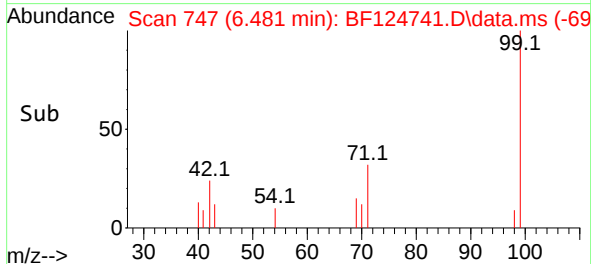
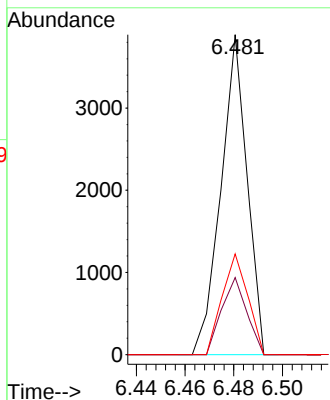
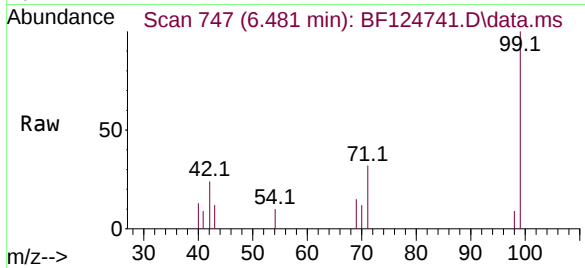




#7
Phenol-d6
Concen: 5.001 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

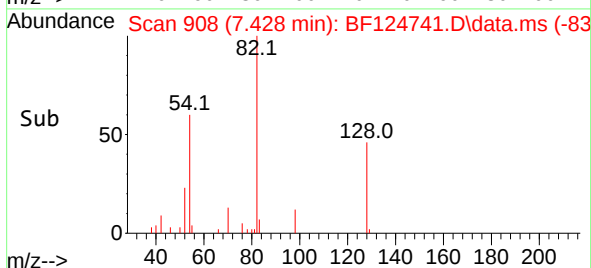
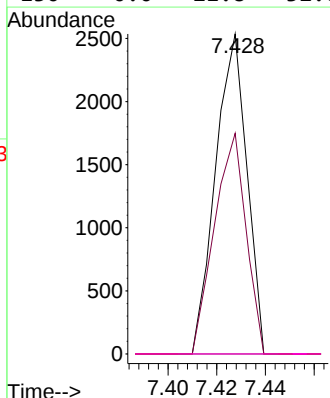
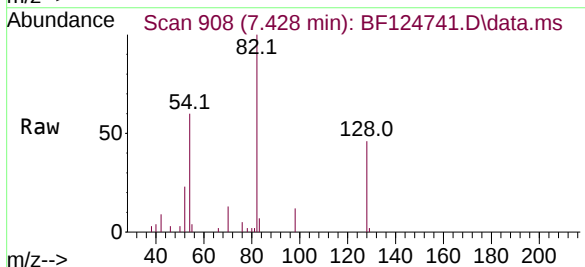
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ClientSampleId :
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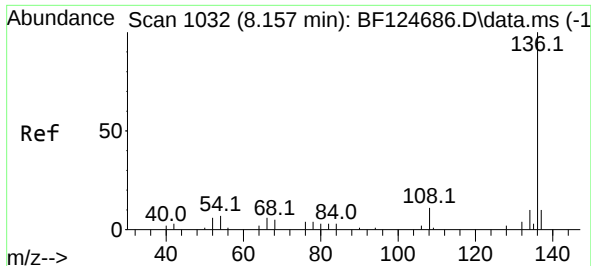
Tgt Ion:	99	Resp:	2901
Ion	Ratio	Lower	Upper
99	100		
42	24.1	23.5	35.3
71	31.5	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 7.309 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

Tgt Ion:	70	Resp:	2264
Ion	Ratio	Lower	Upper
70	100		
42	69.0	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

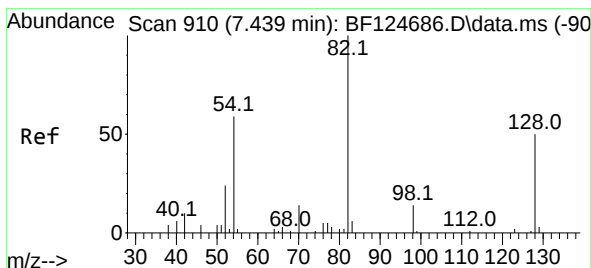
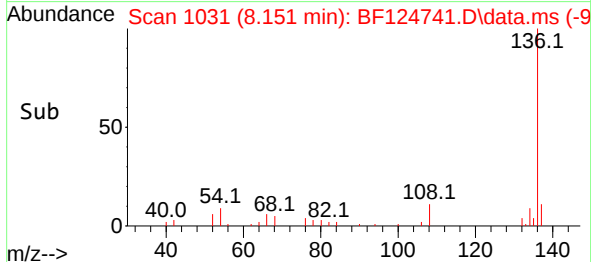
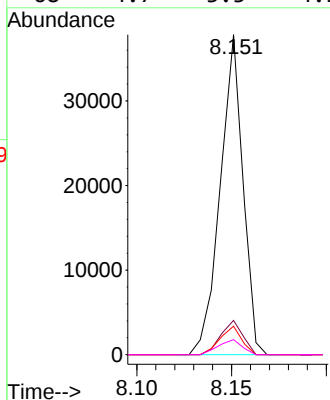
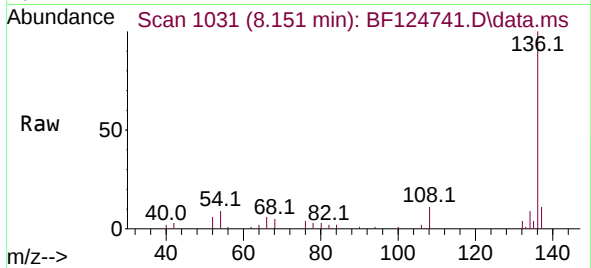




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

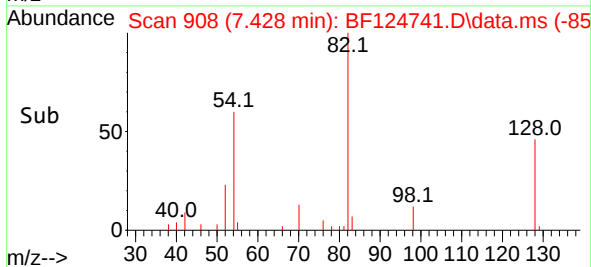
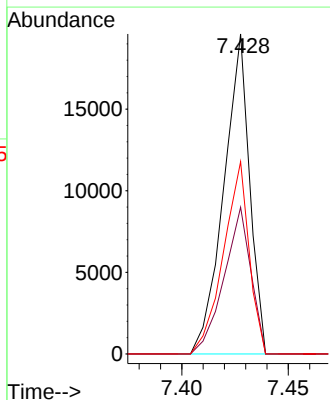
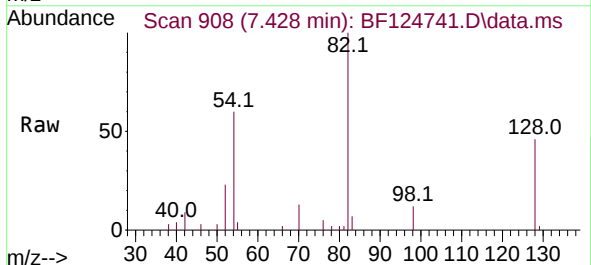
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ClientSampleId :
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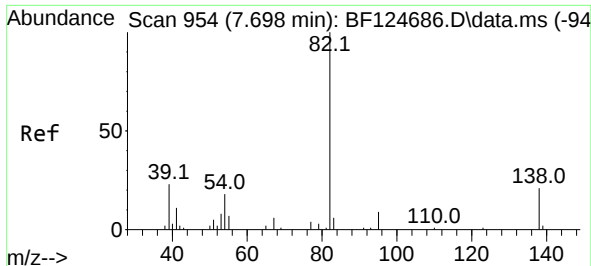
Tgt Ion:	136	Resp:	31550
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	8.9	6.4	9.6
68	4.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 31.153 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

Tgt Ion:	82	Resp:	16514
Ion Ratio	Lower	Upper	
82	100		
128	45.9	40.6	60.8
54	60.1	49.6	74.4

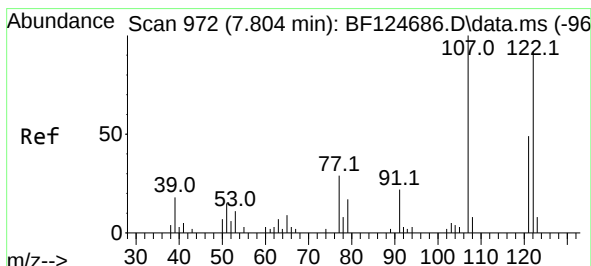
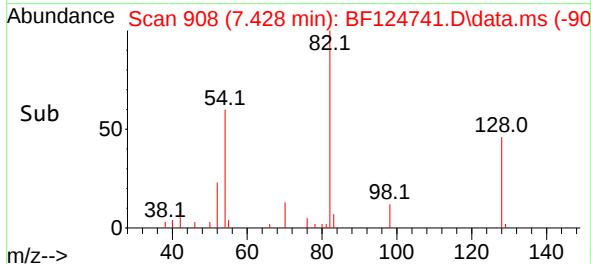
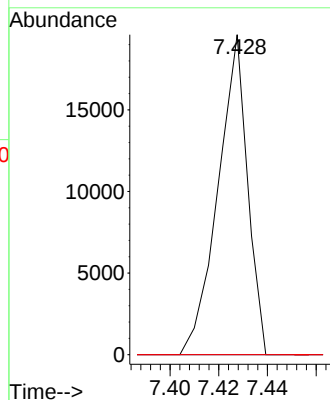
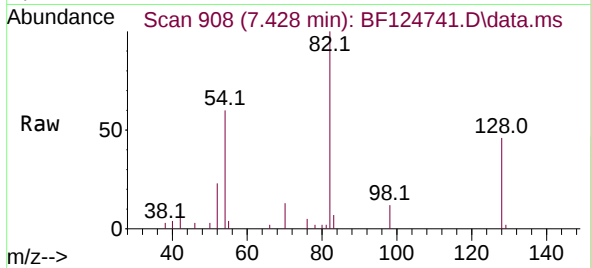




#25
Isophorone
Concen: 17.617 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

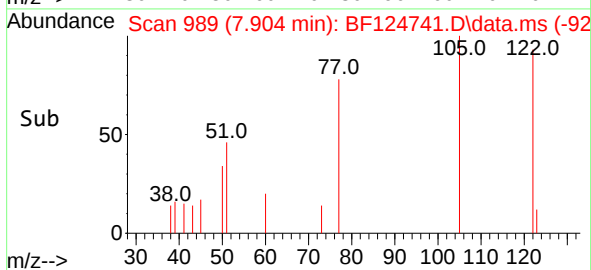
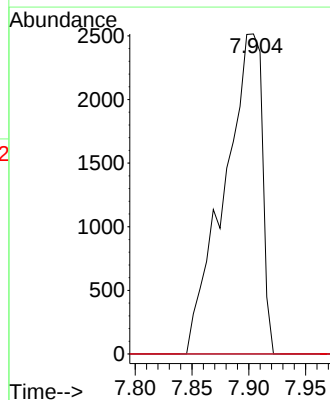
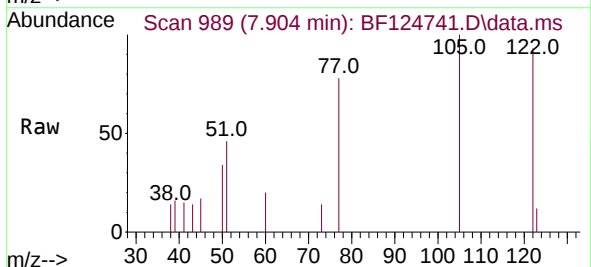
Instrument :
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ClientSampleId :
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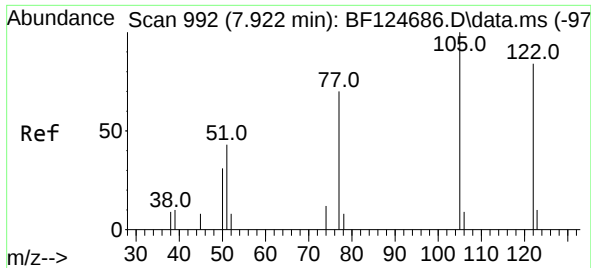
Tgt Ion: 82 Resp: 16513
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#27
2,4-Dimethylphenol
Concen: 13.230 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.100 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

Tgt Ion:122 Resp: 5860
Ion Ratio Lower Upper
122 100
107 0.0 85.0 127.6#
121 0.0 43.3 64.9#

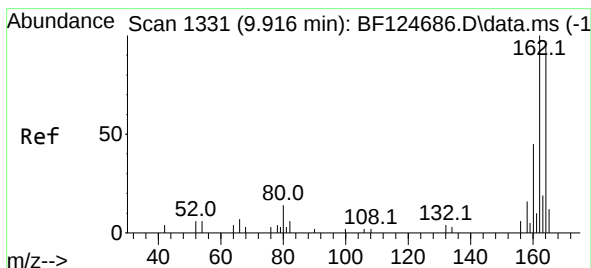
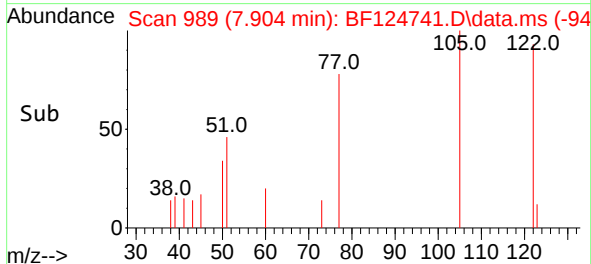
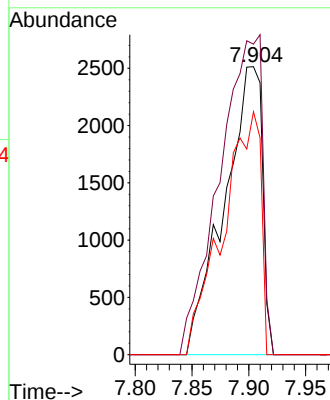
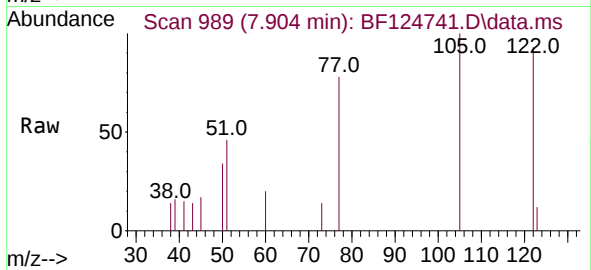




#32
Benzoic acid
Concen: 17.093 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.018 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

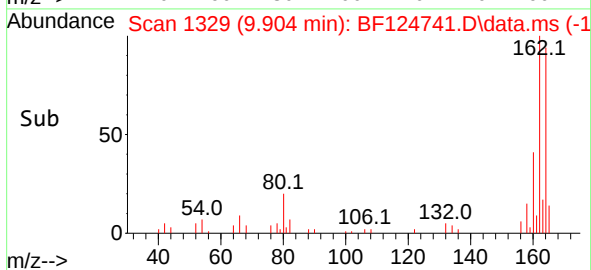
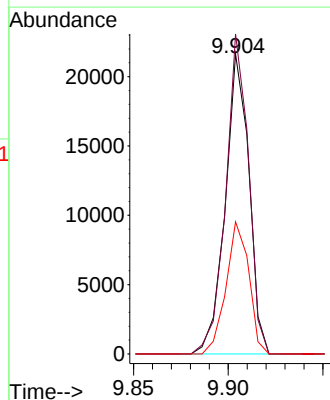
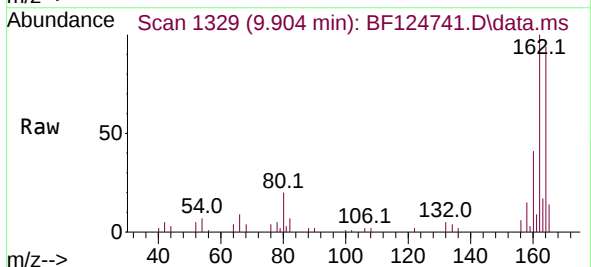
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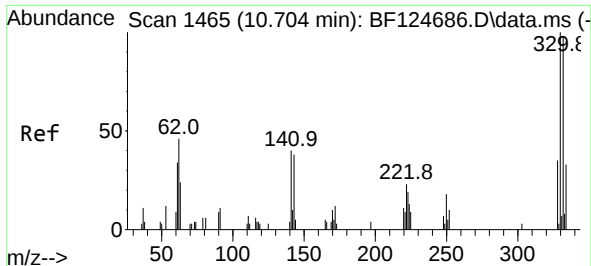
Tgt Ion:122 Resp: 5860
Ion Ratio Lower Upper
122 100
105 107.8 97.6 137.6
77 84.3 59.6 99.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

Tgt Ion:164 Resp: 18790
Ion Ratio Lower Upper
164 100
162 106.7 81.3 121.9
160 44.1 38.0 57.0

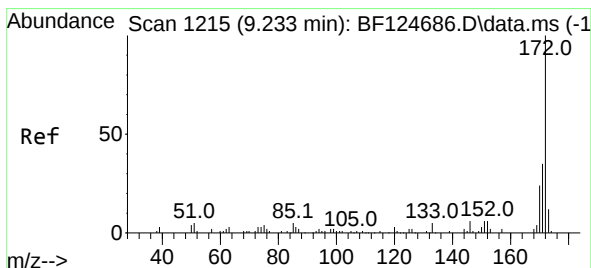
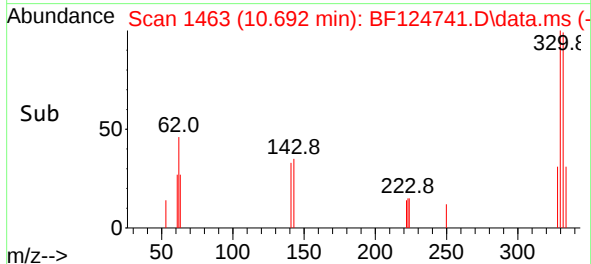
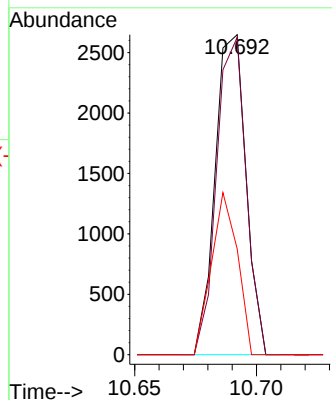
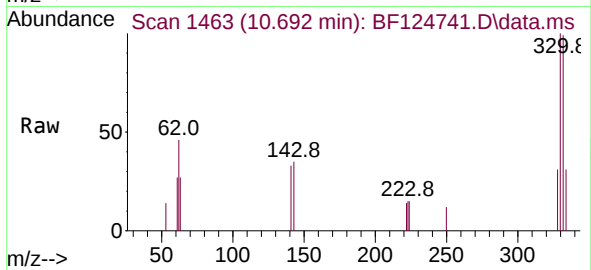




#42
2,4,6-Tribromophenol
Concen: 14.461 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

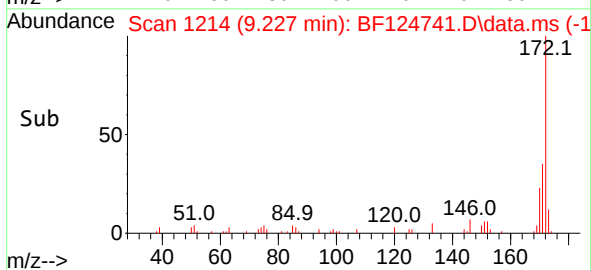
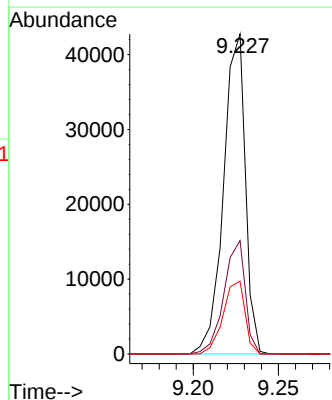
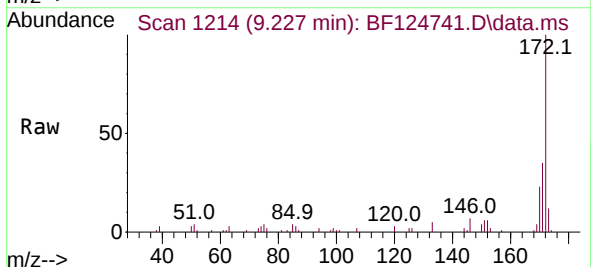
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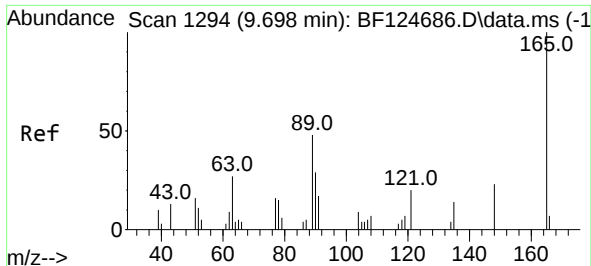
Tgt Ion: 330 Resp: 2333
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 42.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 29.826 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

Tgt Ion: 172 Resp: 38157
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 22.7 18.8 28.2

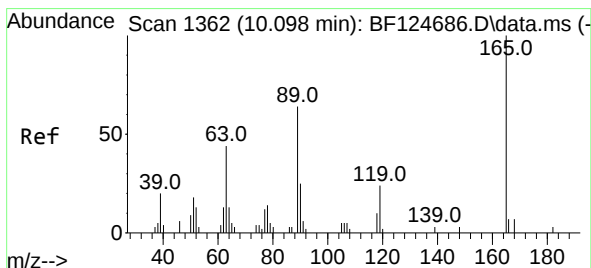
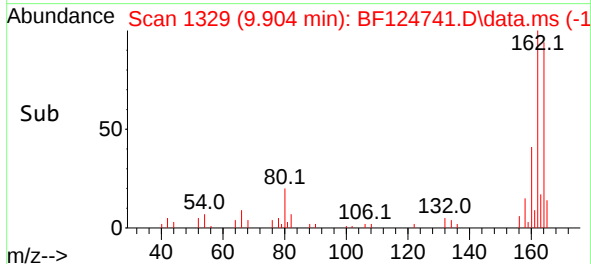
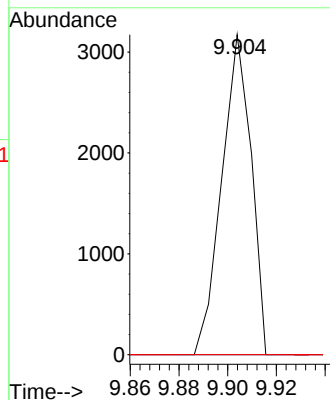
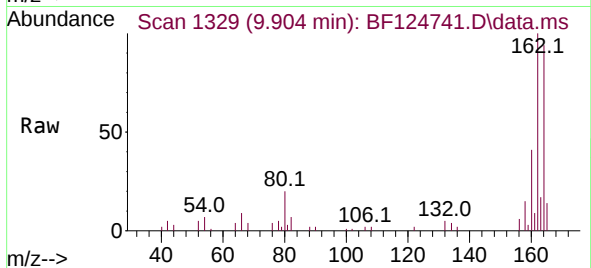




#51
2,6-Dinitrotoluene
Concen: 9.292 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

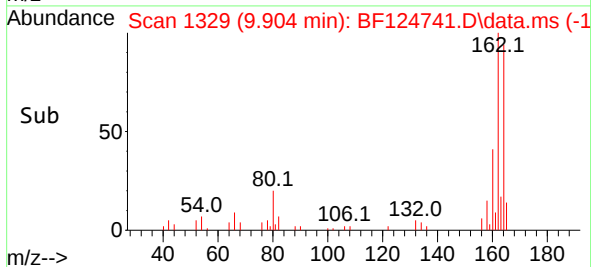
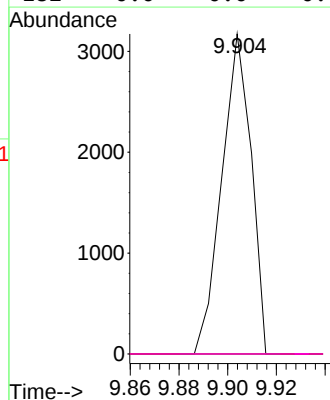
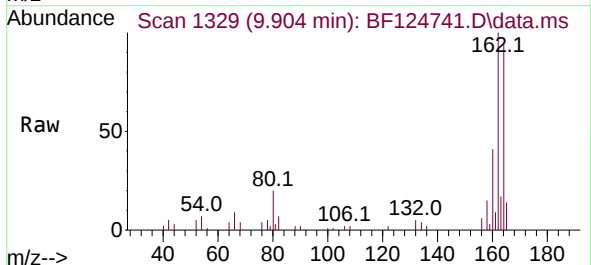
Instrument :
BNA_F
ClientSampleId :
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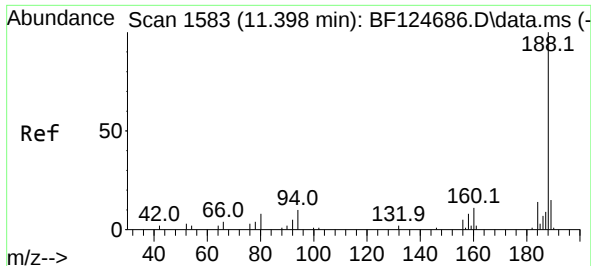
Tgt Ion:165 Resp: 2656
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.847 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

Tgt Ion:165 Resp: 2656
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

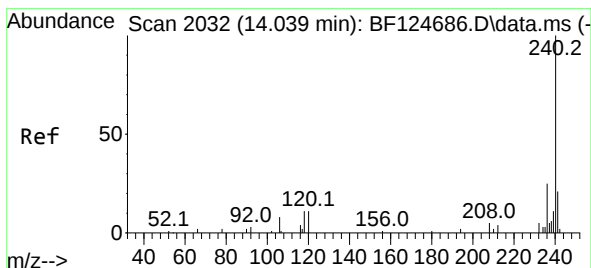
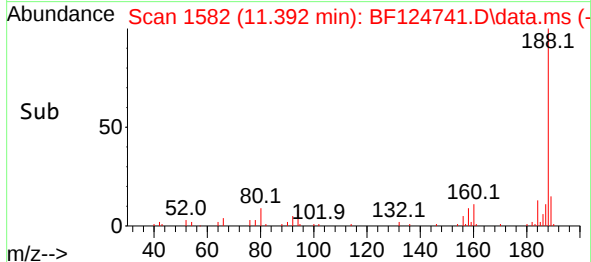
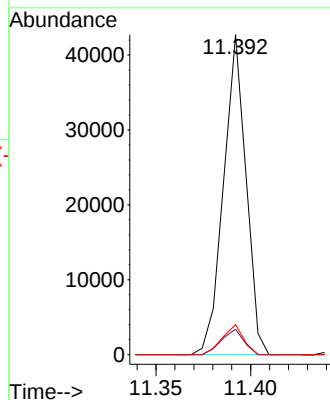
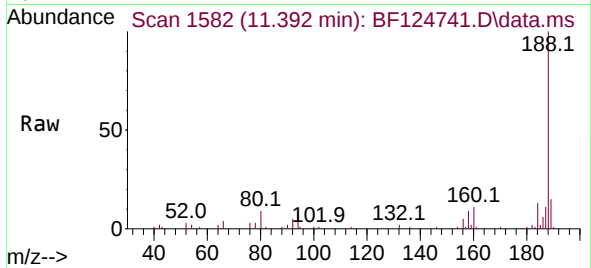




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

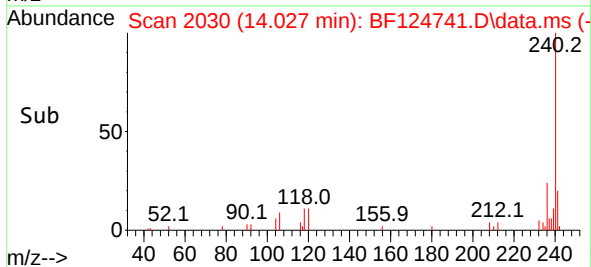
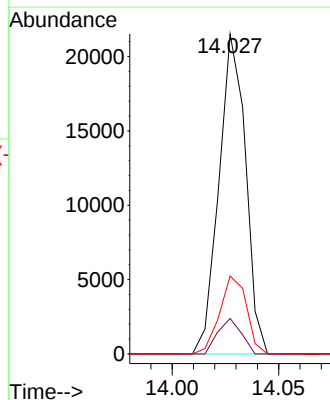
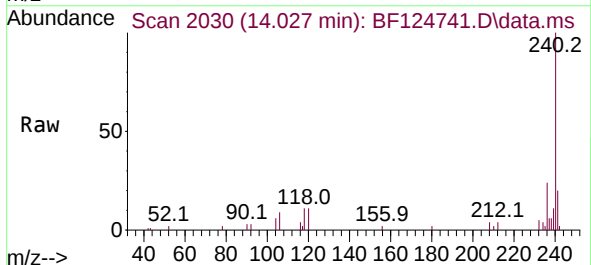
Instrument :
BNA_F
ClientSampleId :
MANHOLERE

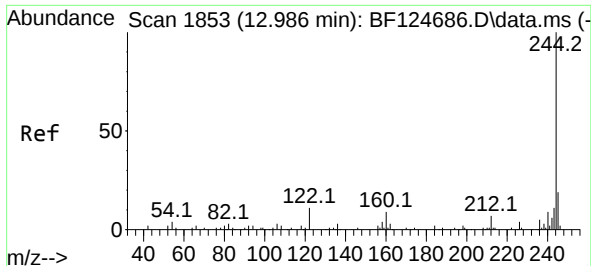
Tgt Ion:188 Resp: 35268
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124741.D
Acq: 24 Jul 2021 11:42

Tgt Ion:240 Resp: 18703
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 24.4 21.6 32.4

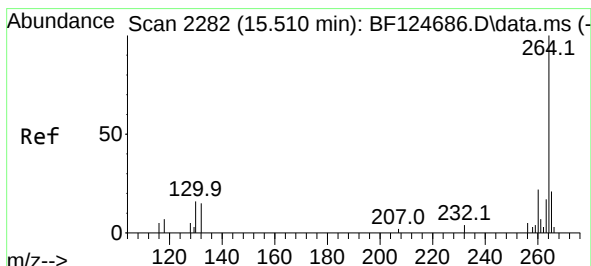
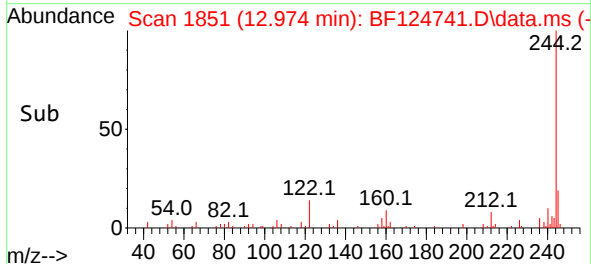
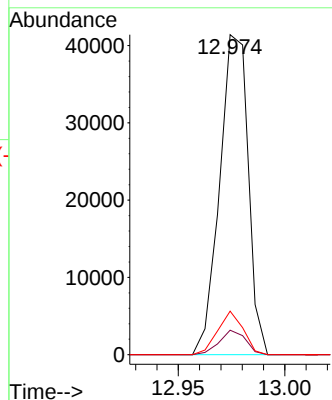
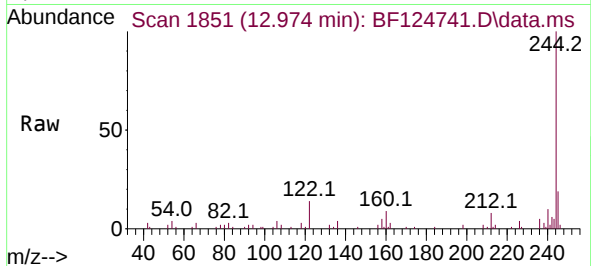




#79
 Terphenyl-d14
 Concen: 35.416 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF124741.D
 Acq: 24 Jul 2021 11:42

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLERE

Tgt Ion:244	Resp:	38642
Ion Ratio	Lower	Upper
244	100	
212	7.6	5.9 8.9
122	13.6	9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124741.D
 Acq: 24 Jul 2021 11:42

Tgt Ion:264	Resp:	12503
Ion Ratio	Lower	Upper
264	100	
260	25.8	19.6 29.4
265	24.1	17.2 25.8

