

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130542.D
 Acq On : 05 Oct 2022 21:46
 Operator : CG\JU
 Sample : N4977-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251032-3

Quant Time: Oct 06 01:14:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 01:07:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	68399	20.000	ng	0.00
21) Naphthalene-d8	7.916	136	246401	20.000	ng	# 0.00
39) Acenaphthene-d10	9.663	164	110817	20.000	ng	0.00
64) Phenanthrene-d10	11.145	188	189362	20.000	ng	# 0.00
76) Chrysene-d12	13.774	240	187661	20.000	ng	0.00
86) Perylene-d12	15.162	264	140059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	216575	54.919	ng	0.00
7) Phenol-d6	6.275	99	152540	30.914	ng	0.00
23) Nitrobenzene-d5	7.198	82	477356	98.974	ng	0.00
42) 2,4,6-Tribromophenol	10.451	330	162730	153.253	ng	0.00
45) 2-Fluorobiphenyl	8.992	172	799186	105.017	ng	0.00
79) Terphenyl-d14	12.733	244	930717	82.155	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.198	70	65498	19.672	ng	# 74
25) Isophorone	7.198	82	477352	61.407	ng	# 66
50) Dimethylphthalate	9.663	163	19198	2.508	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	14373	8.978	ng	# 16
57) 2,4-Dinitrotoluene	9.663	165	14373	7.025	ng	# 16
67) 4-Bromophenyl-phenylether	10.451	248	9412	4.506	ng	# 1
74) Di-n-butylphthalate	11.716	149	142618	12.773	ng	99

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

BNA F

ClientSampleId :

251032-3

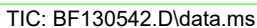
Quant Time: Oct 06 01:14:28 2022

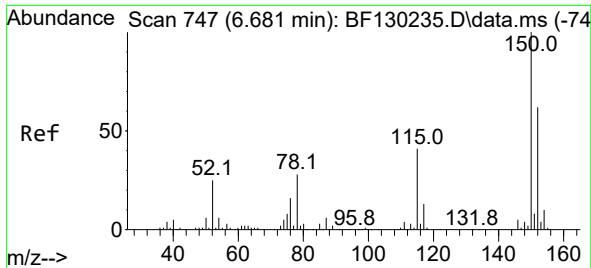
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 06 01:07:05 2022

Response via : Initial Calibration

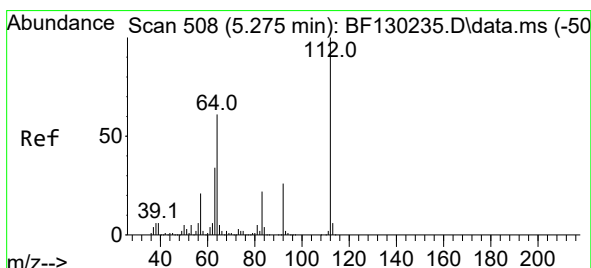
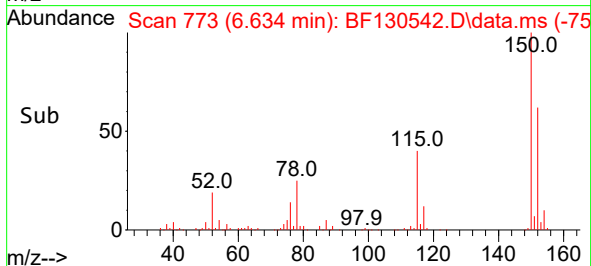
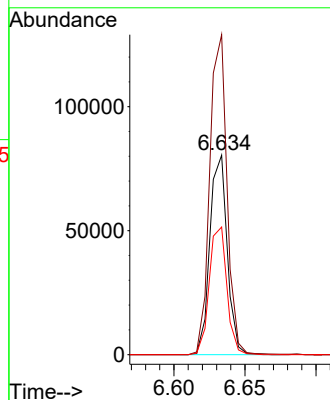
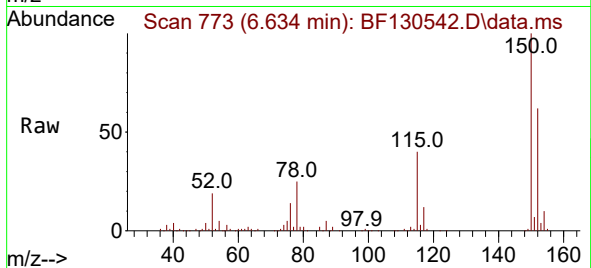




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130542.D
 Acq: 05 Oct 2022 21:46

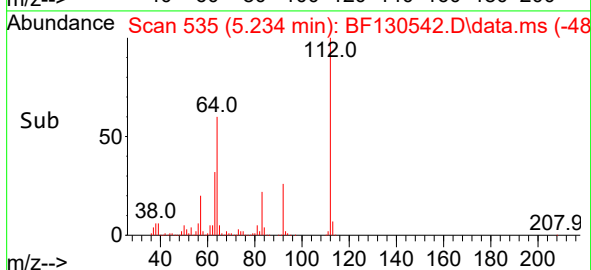
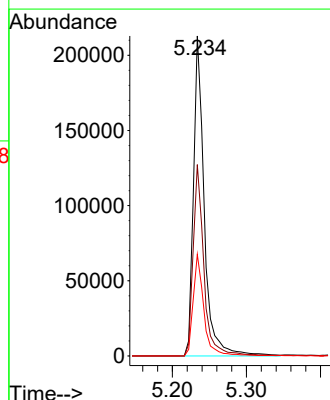
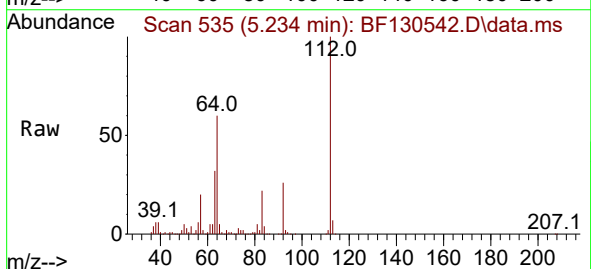
Instrument :
 BNA_F
 ClientSampleId :
 251032-3

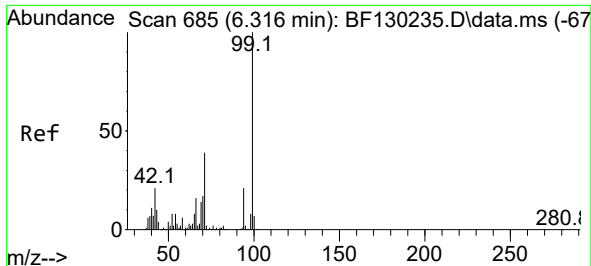
Tgt Ion:152 Resp: 68399
 Ion Ratio Lower Upper
 152 100
 150 160.3 122.8 184.2
 115 64.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 54.919 ng
 RT: 5.234 min Scan# 535
 Delta R.T. 0.006 min
 Lab File: BF130542.D
 Acq: 05 Oct 2022 21:46

Tgt Ion:112 Resp: 216575
 Ion Ratio Lower Upper
 112 100
 64 59.8 51.4 77.0
 63 31.8 28.8 43.2

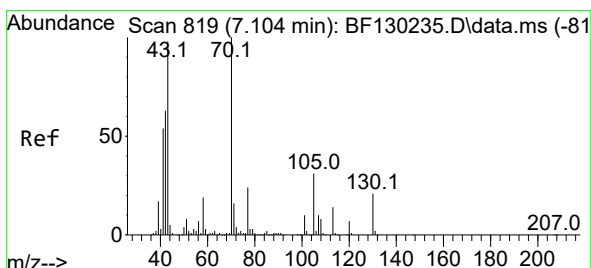
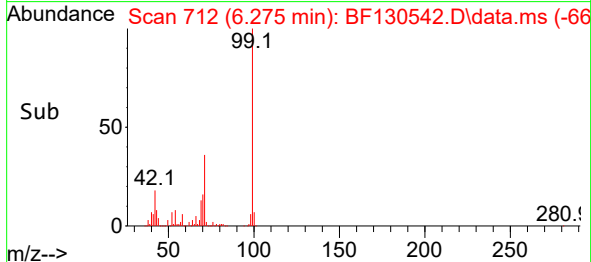
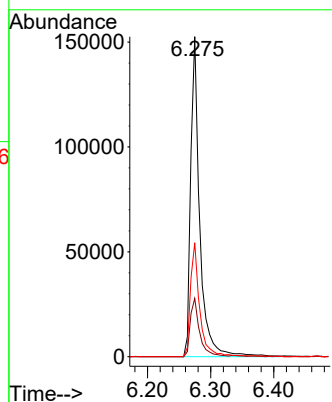
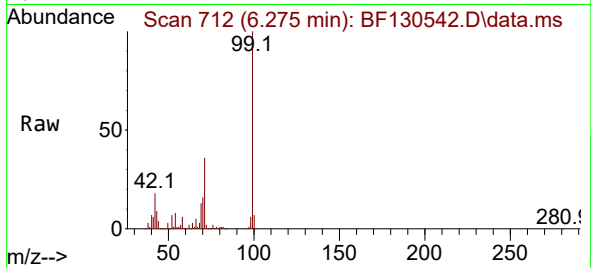




#7
Phenol-d6
Concen: 30.914 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

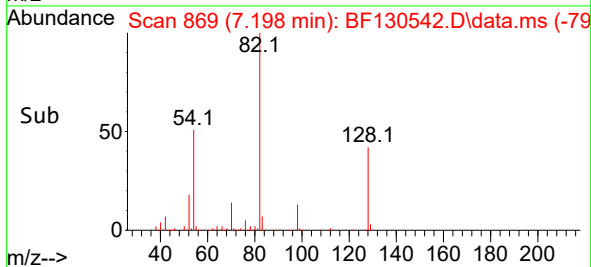
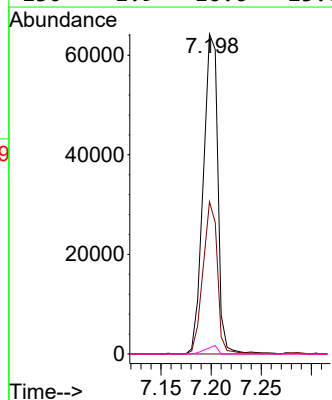
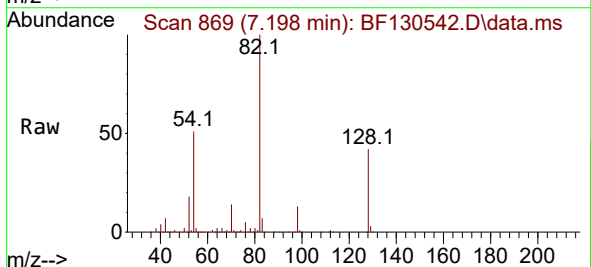
Instrument :
BNA_F
ClientSampleId :
251032-3

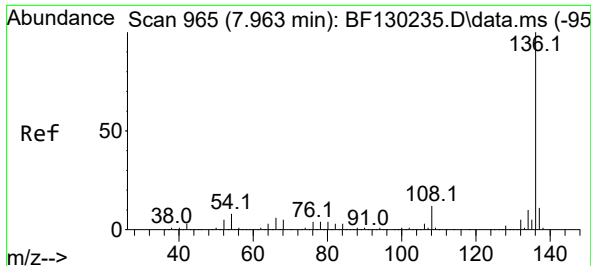
Tgt Ion: 99 Resp: 152540
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 35.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.672 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

Tgt Ion: 70 Resp: 65498
Ion Ratio Lower Upper
70 100
42 47.5 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

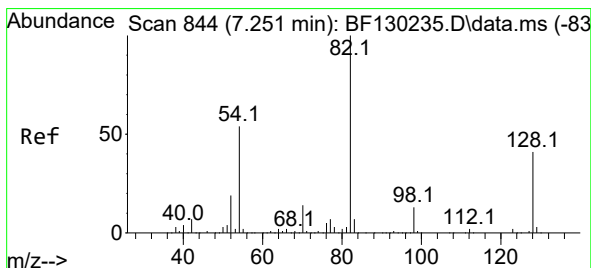
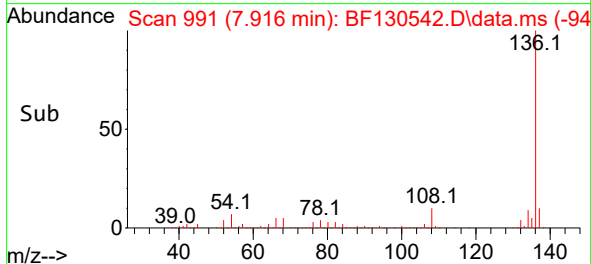
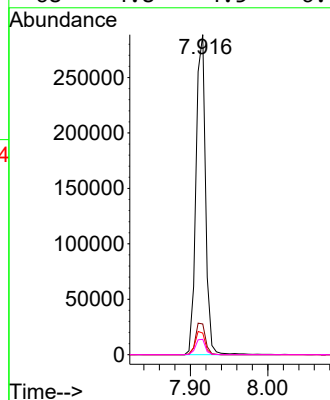
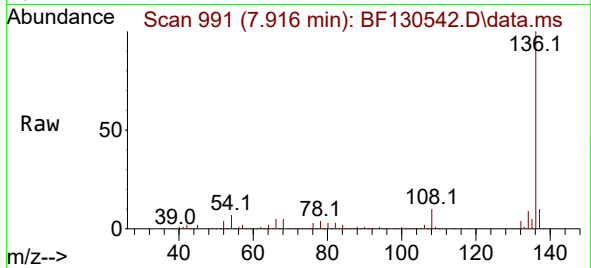




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

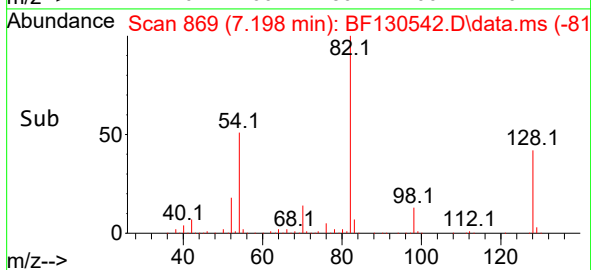
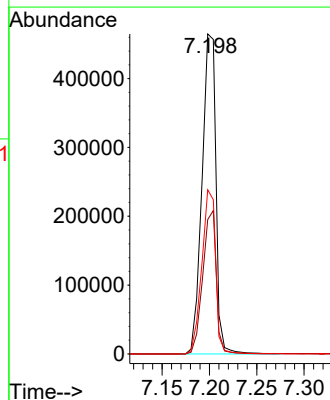
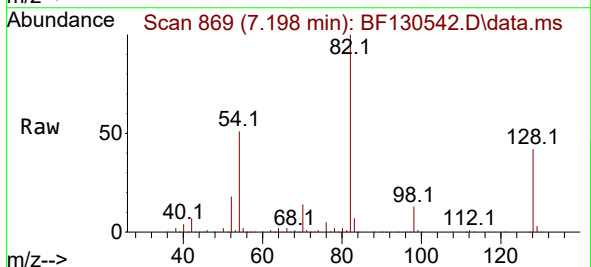
Instrument :
BNA_F
ClientSampleId :
251032-3

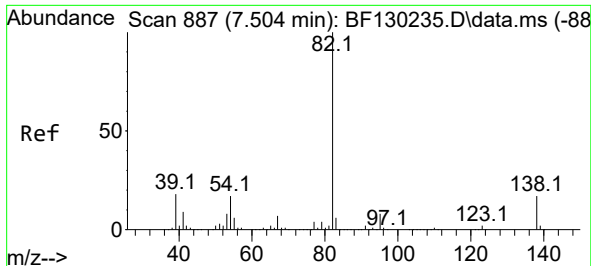
Tgt Ion:136	Resp: 246401
Ion Ratio	Lower Upper
136 100	
137 9.6	9.1 13.7
54 6.8	7.1 10.7#
68 4.8	4.5 6.7



#23
Nitrobenzene-d5
Concen: 98.974 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

Tgt Ion: 82	Resp: 477356
Ion Ratio	Lower Upper
82 100	
128 42.0	32.6 49.0
54 51.3	43.8 65.6

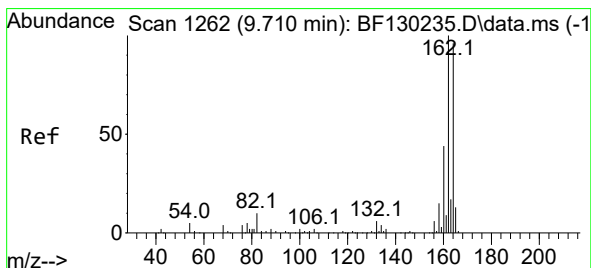
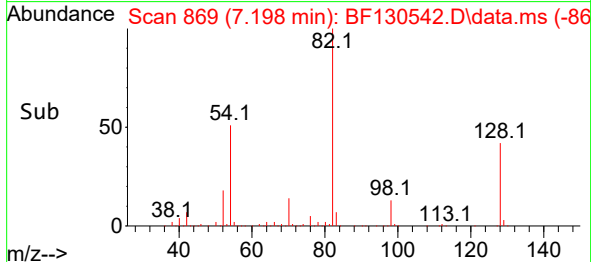
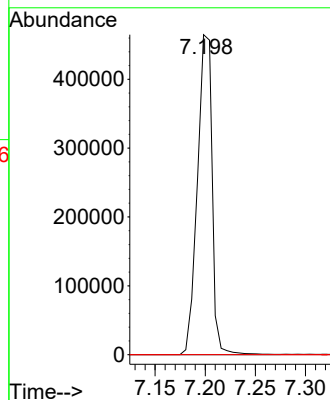
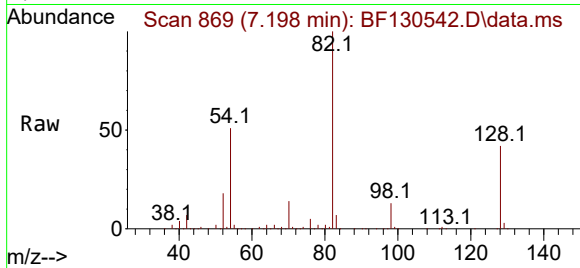




#25
Isophorone
Concen: 61.407 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

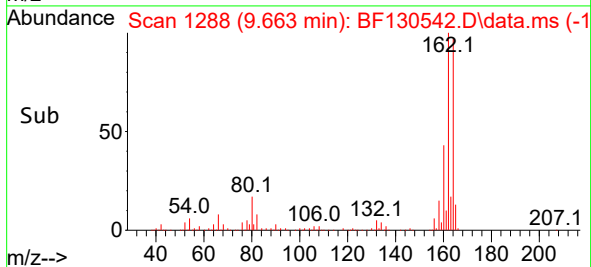
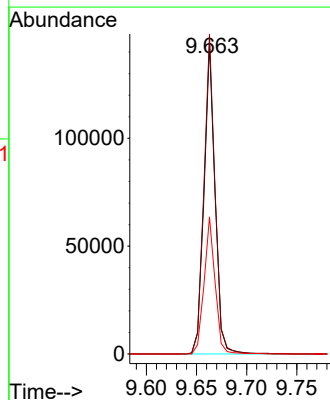
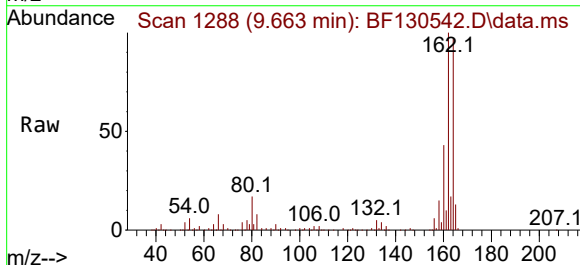
Instrument :
BNA_F
ClientSampleId :
251032-3

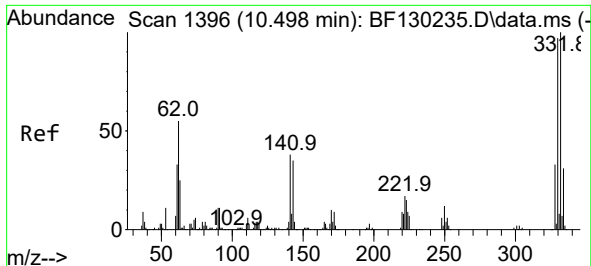
Tgt Ion: 82 Resp: 477352
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

Tgt Ion:164 Resp: 110817
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 44.1 36.2 54.4

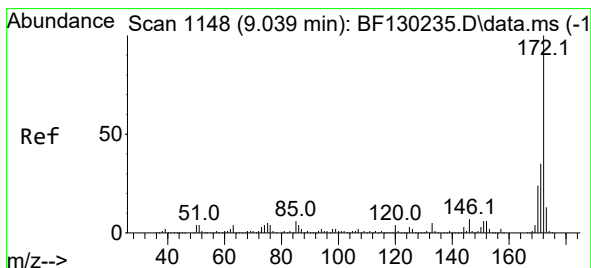
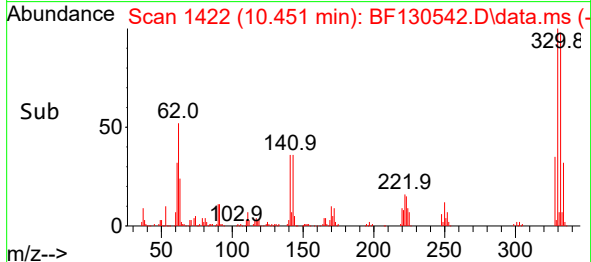
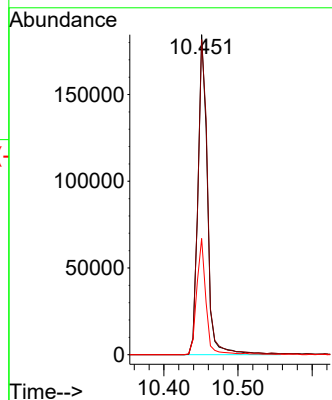
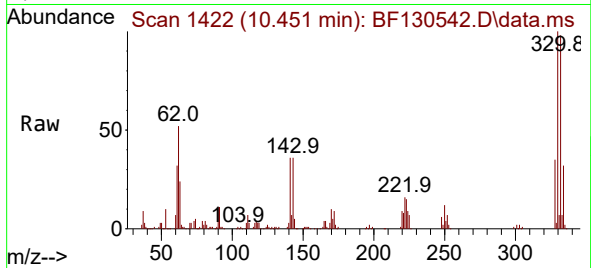




#42
2,4,6-Tribromophenol
Concen: 153.253 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

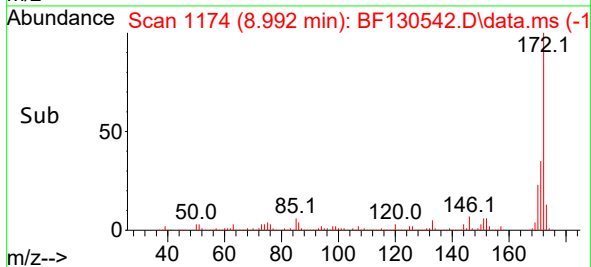
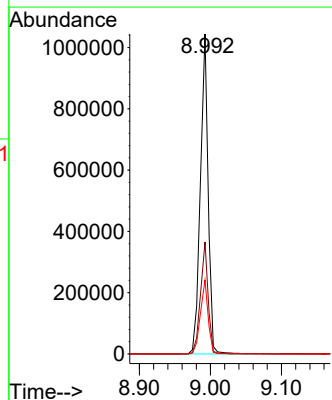
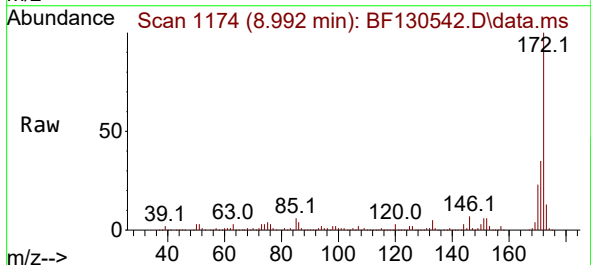
Instrument :
BNA_F
ClientSampleId :
251032-3

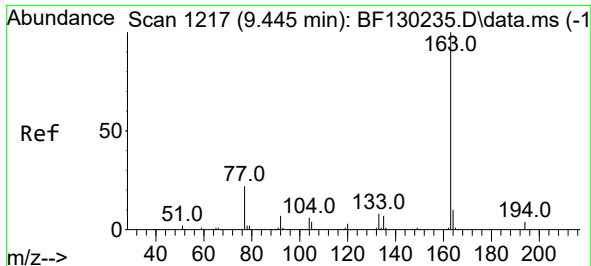
Tgt Ion:330 Resp: 162730
Ion Ratio Lower Upper
330 100
332 100.8 83.4 125.2
141 35.1 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 105.017 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

Tgt Ion:172 Resp: 799186
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.1 18.7 28.1

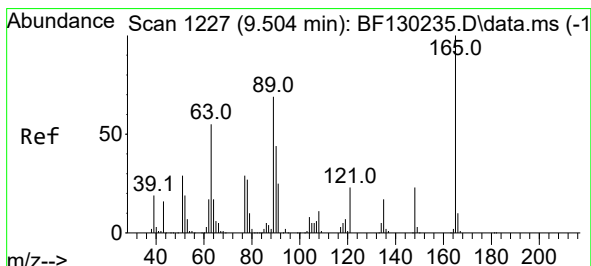
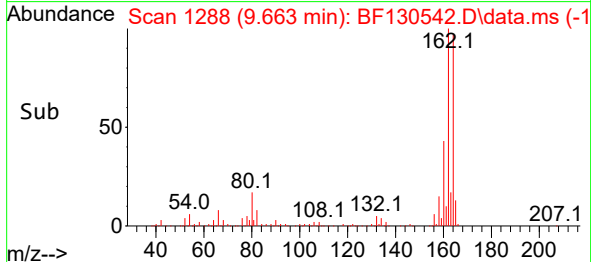
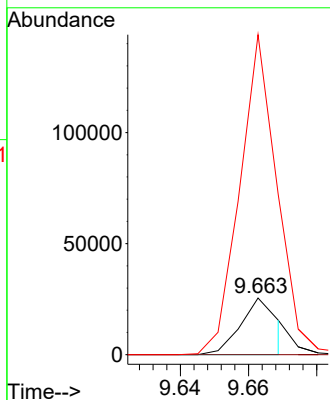
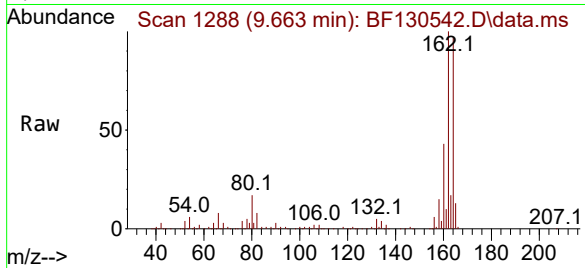




#50
Dimethylphthalate
Concen: 2.508 ng
RT: 9.663 min Scan# 1217
Delta R.T. 0.265 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

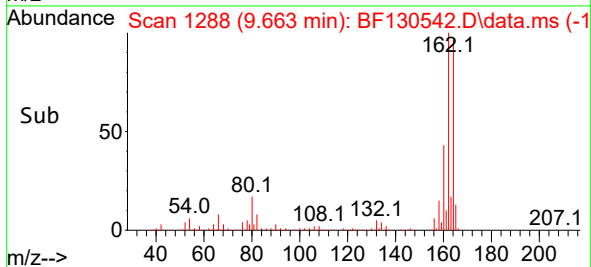
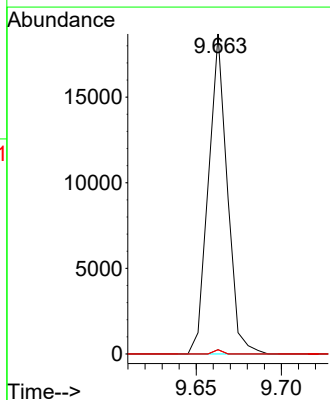
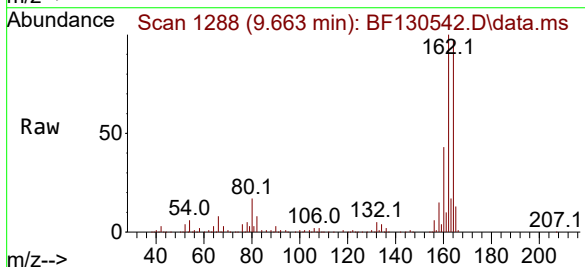
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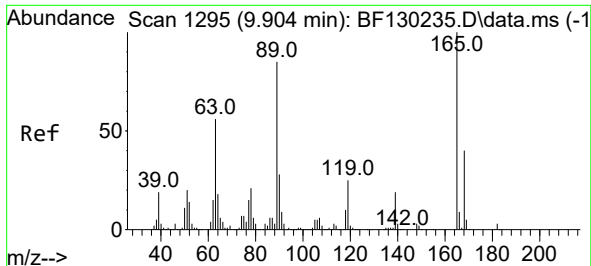
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Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 564.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.978 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.200 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

Tgt Ion:165 Resp: 14373
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.3 54.5 81.7#

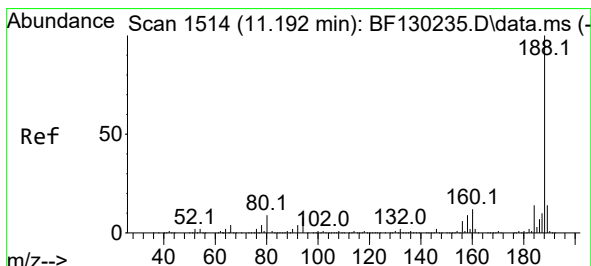
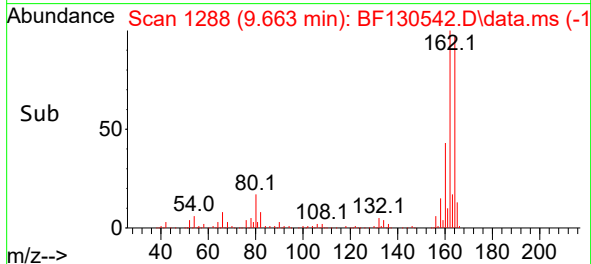
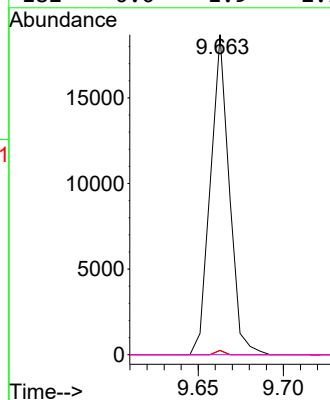
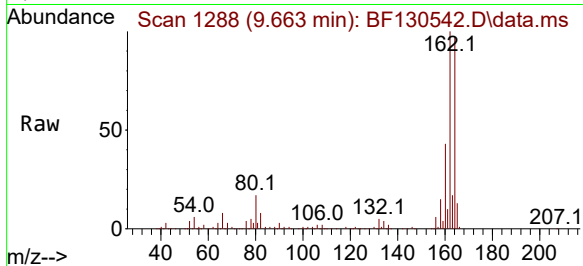




#57
2,4-Dinitrotoluene
Concen: 7.025 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

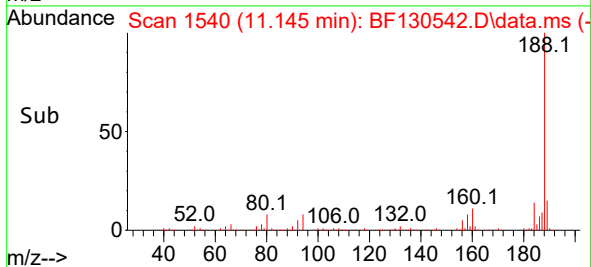
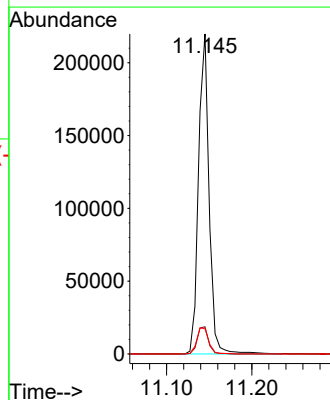
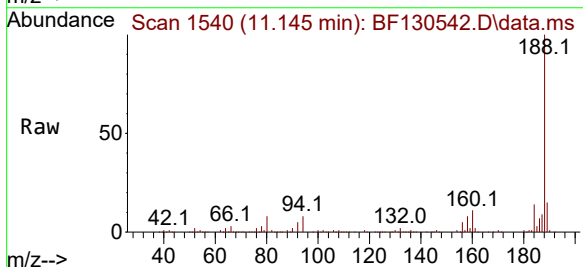
Instrument :
BNA_F
ClientSampleId :
251032-3

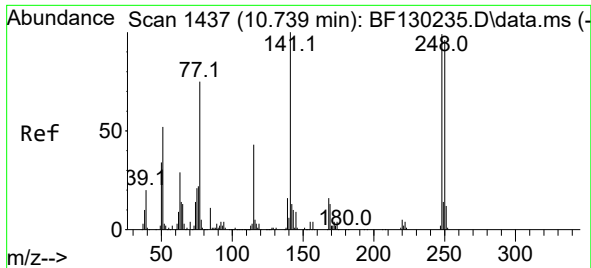
Tgt Ion:165 Resp: 14373
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.3 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

Tgt Ion:188 Resp: 189362
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 7.8 7.9 11.9#

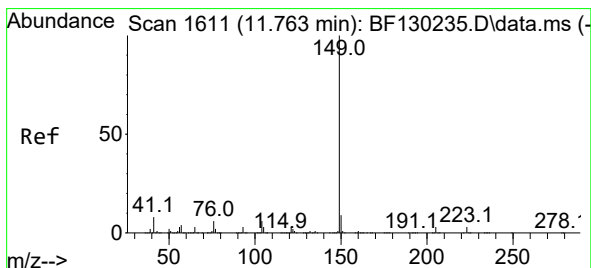
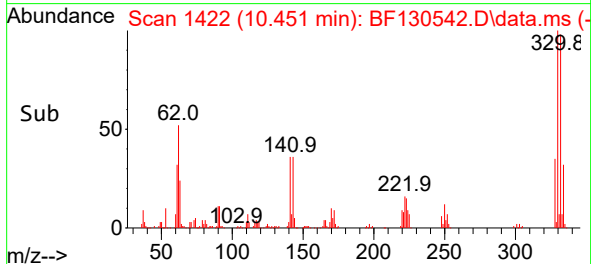
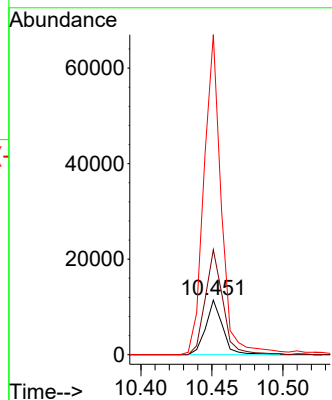
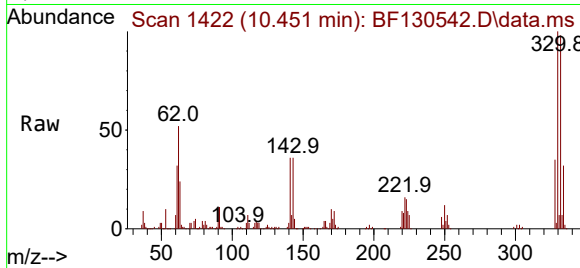




#67
4-Bromophenyl-phenylether
Concen: 4.506 ng
RT: 10.451 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

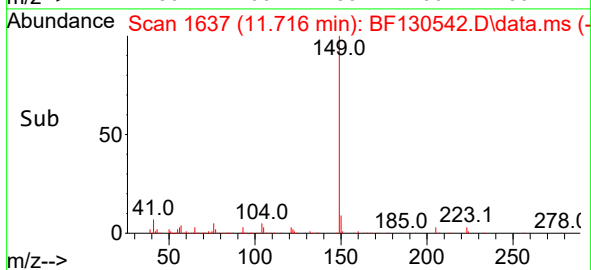
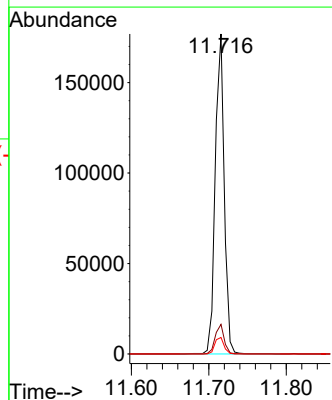
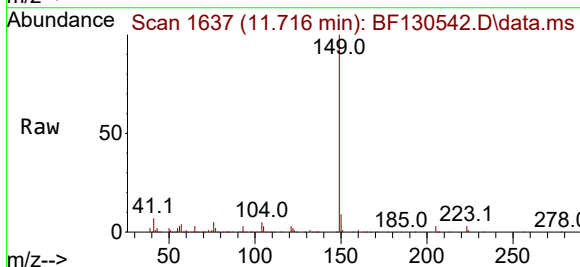
Instrument :
BNA_F
ClientSampleId :
251032-3

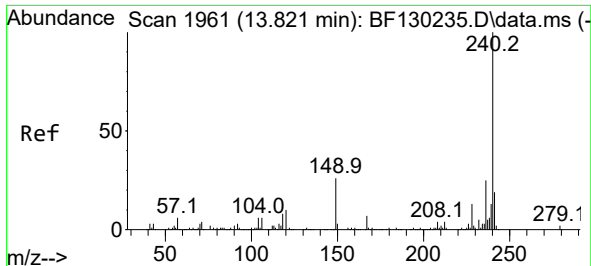
Tgt Ion:248 Resp: 9412
Ion Ratio Lower Upper
248 100
250 192.7 80.0 120.0#
141 587.3 68.5 102.7#



#74
Di-n-butylphthalate
Concen: 12.773 ng
RT: 11.716 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

Tgt Ion:149 Resp: 142618
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.2 4.8 7.2

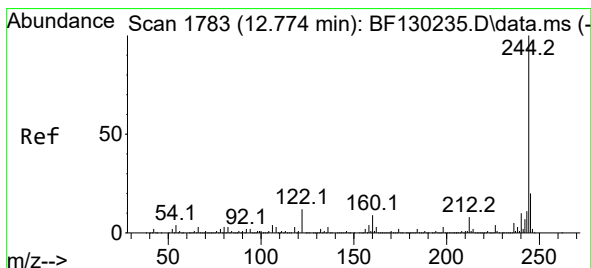
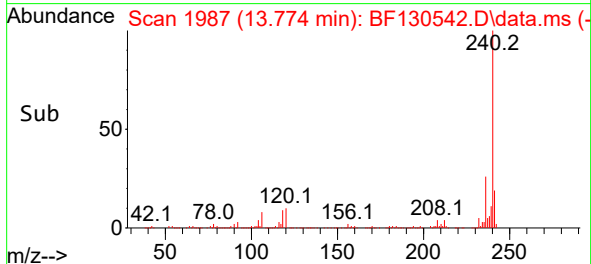
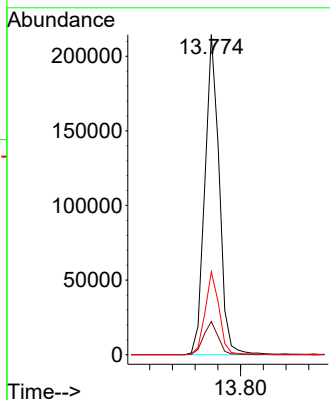
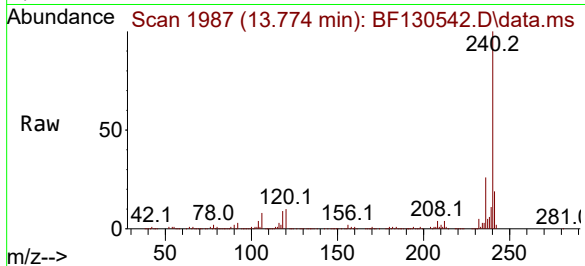




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

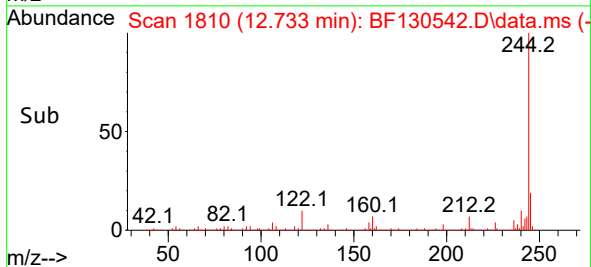
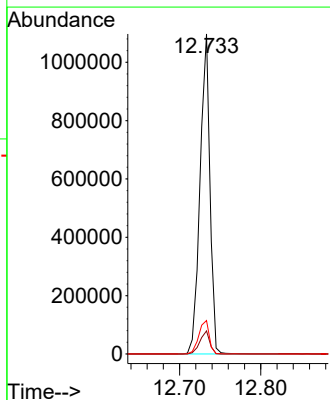
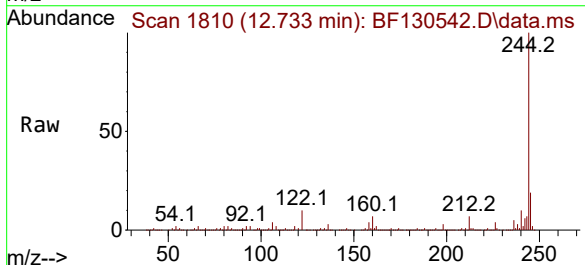
Instrument :
BNA_F
ClientSampleId :
251032-3

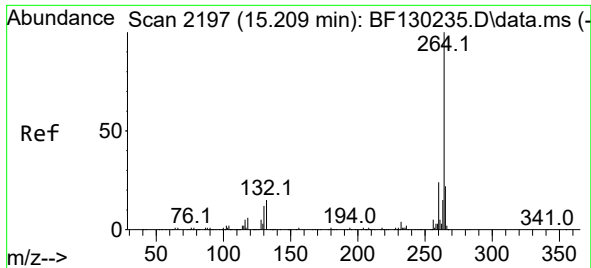
Tgt Ion:240 Resp: 187661
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 82.155 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF130542.D
Acq: 05 Oct 2022 21:46

Tgt Ion:244 Resp: 930717
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.4 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.162 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF130542.D
 Acq: 05 Oct 2022 21:46

Instrument :
 BNA_F
 ClientSampleId :
 251032-3

Tgt Ion:264 Resp: 140059
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 20.3 17.0 25.4

