

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130391.D
 Acq On : 23 Sep 2022 15:19
 Operator : CG\JU
 Sample : N4780-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

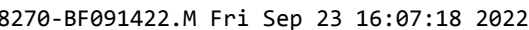
Quant Time: Sep 23 16:07:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	91551	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	348833	20.000	ng	#-0.01
39) Acenaphthene-d10	9.687	164	168803	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	245205	20.000	ng	-0.01
76) Chrysene-d12	13.798	240	183793	20.000	ng	0.00
86) Perylene-d12	15.192	264	216037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	493804	93.553	ng	0.00
7) Phenol-d6	6.293	99	600886	90.982	ng	0.00
23) Nitrobenzene-d5	7.216	82	388149	56.847	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	136676	84.501	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	712706	61.482	ng	-0.01
79) Terphenyl-d14	12.751	244	555089	50.029	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.216	70	53479	12.000	ng	# 71
25) Isophorone	7.216	82	386690	35.137	ng	# 66
50) Dimethylphthalate	9.687	163	31550	2.706	ng	# 1
51) 2,6-Dinitrotoluene	9.687	165	21818	8.947	ng	# 16
57) 2,4-Dinitrotoluene	9.687	165	21818	7.001	ng	# 16
67) 4-Bromophenyl-phenylether	10.469	248	8540	3.157	ng	# 1

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

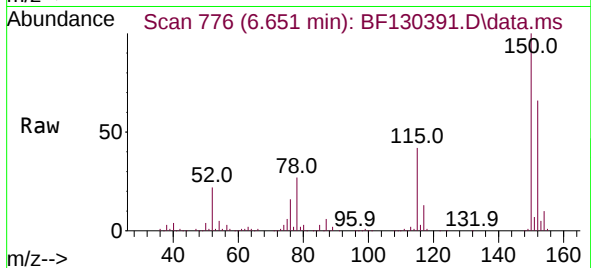
Quant Time: Sep 23 16:07:08 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration



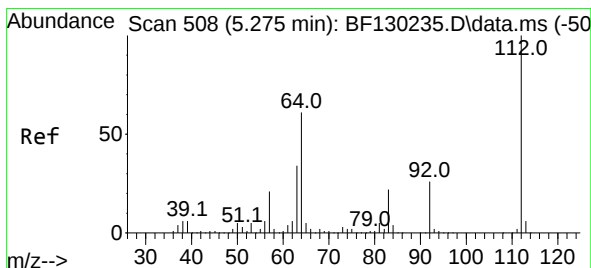
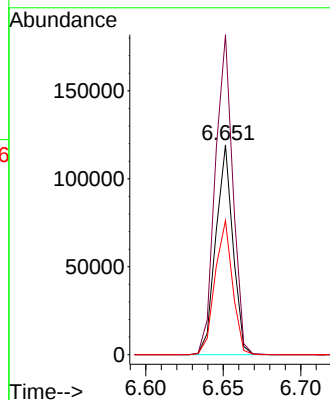
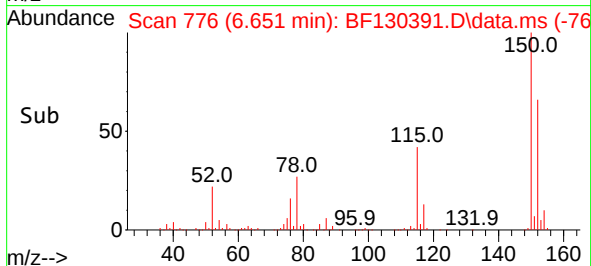


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.651 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF130391.D
 Acq: 23 Sep 2022 15:19

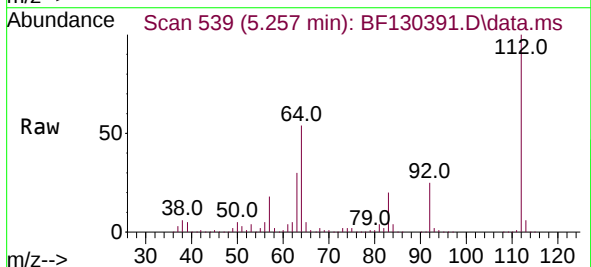
Instrument :
 BNA_F
 ClientSampleId :



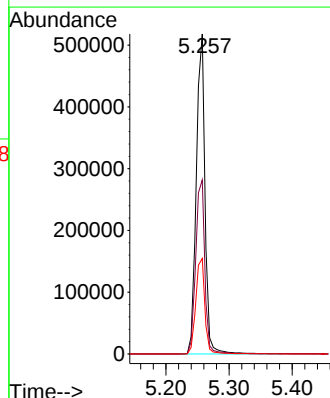
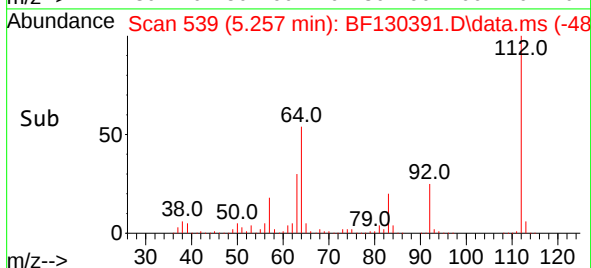
Tgt Ion:152 Resp: 91551
 Ion Ratio Lower Upper
 152 100
 150 152.6 122.8 184.2
 115 63.9 53.8 80.8

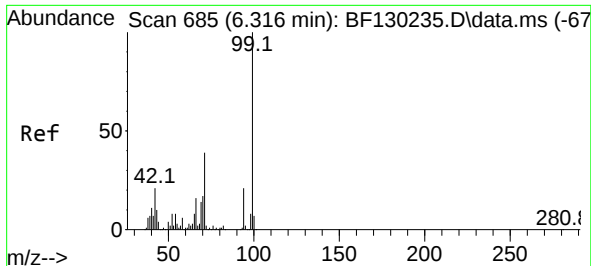


#5
 2-Fluorophenol
 Concen: 93.553 ng
 RT: 5.257 min Scan# 539
 Delta R.T. 0.000 min
 Lab File: BF130391.D
 Acq: 23 Sep 2022 15:19



Tgt Ion:112 Resp: 493804
 Ion Ratio Lower Upper
 112 100
 64 54.4 51.4 77.0
 63 29.8 28.8 43.2

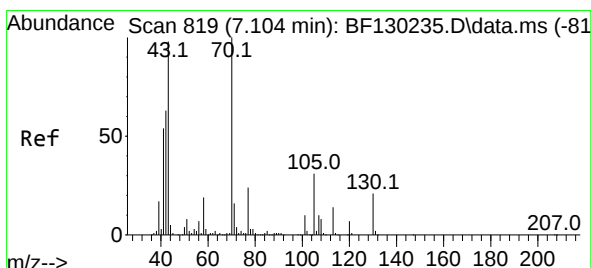
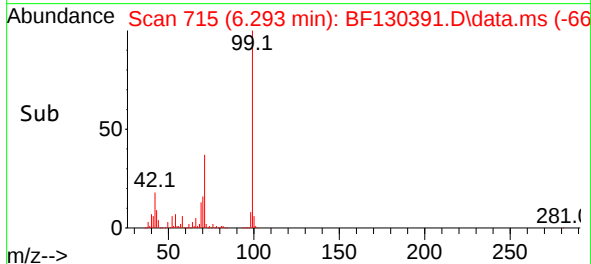
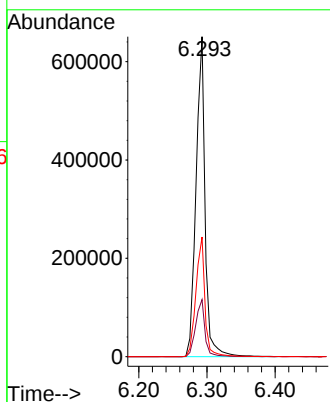
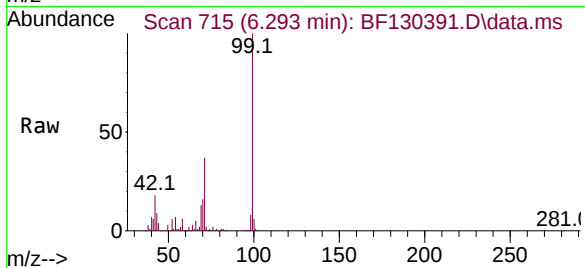




#7
Phenol-d6
Concen: 90.982 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

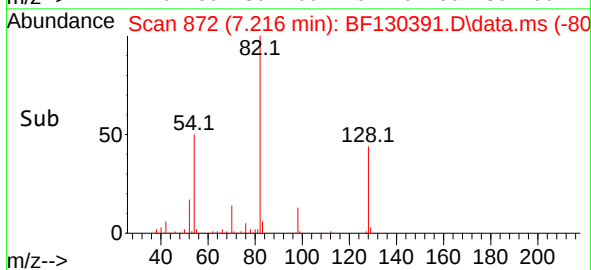
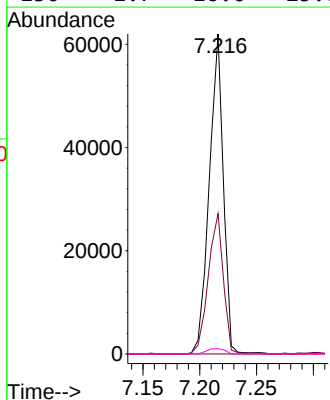
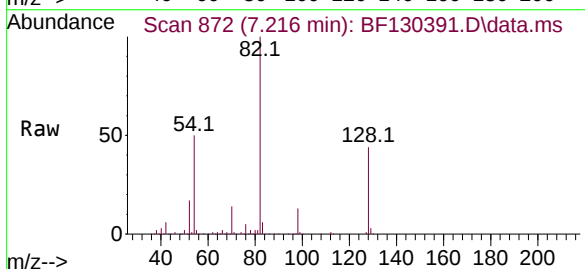
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BNA_F
ClientSampleId :

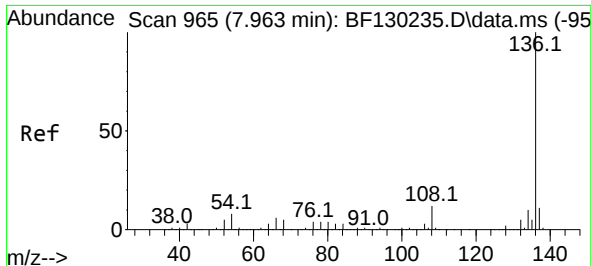
Tgt Ion: 99 Resp: 600886
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 37.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.000 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.124 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

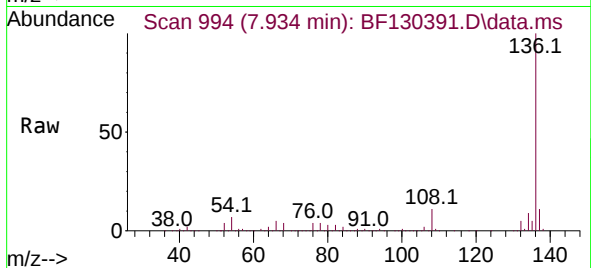
Tgt Ion: 70 Resp: 53479
Ion Ratio Lower Upper
70 100
42 43.8 50.8 76.2#
101 0.0 8.2 12.4#
130 1.7 16.6 25.0#



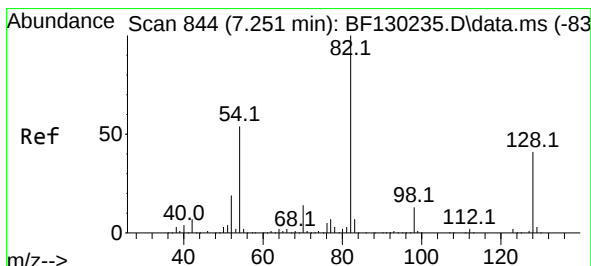
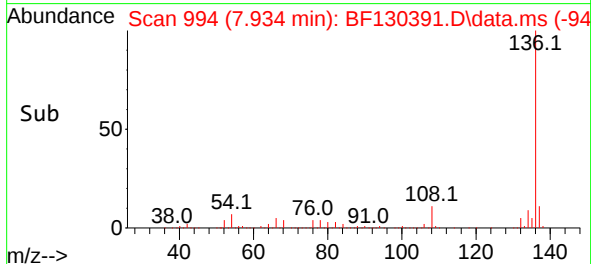
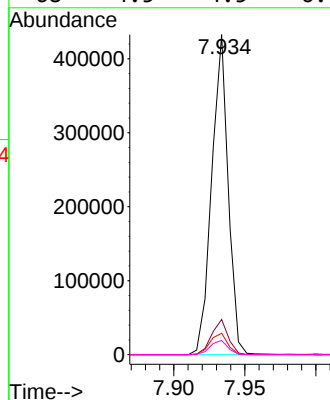


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

Instrument :
BNA_F
ClientSampleId :

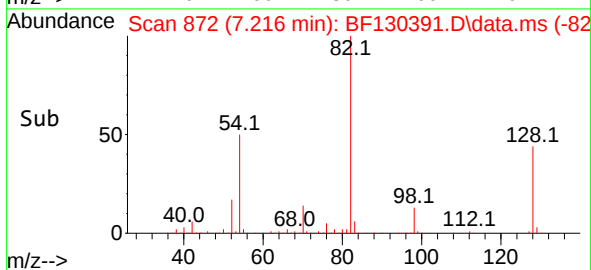
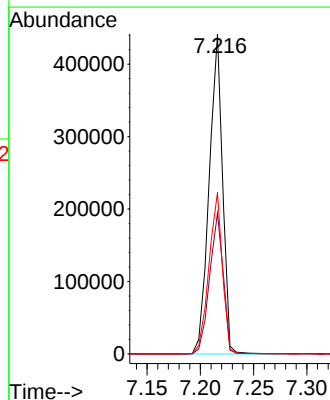
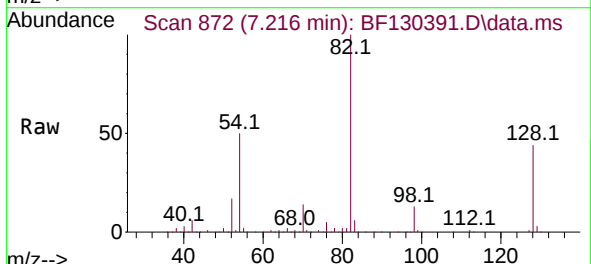


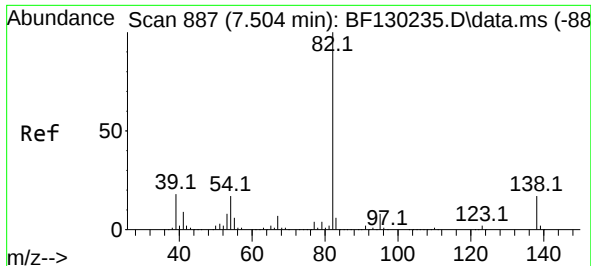
Tgt Ion:136 Resp: 348833
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.7 7.1 10.7#
68 4.5 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 56.847 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.017 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

Tgt Ion: 82 Resp: 388149
Ion Ratio Lower Upper
82 100
128 44.0 32.6 49.0
54 50.5 43.8 65.6

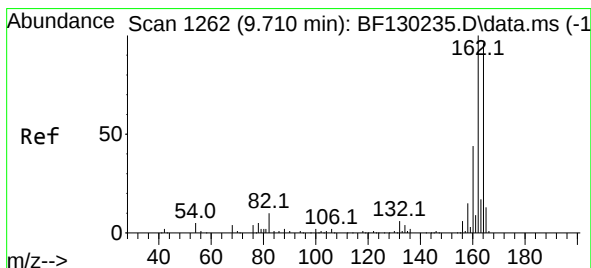
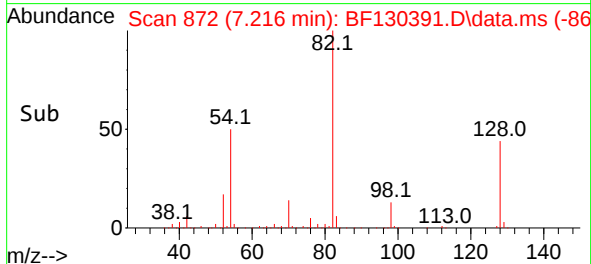
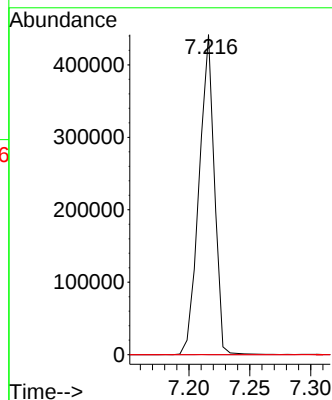
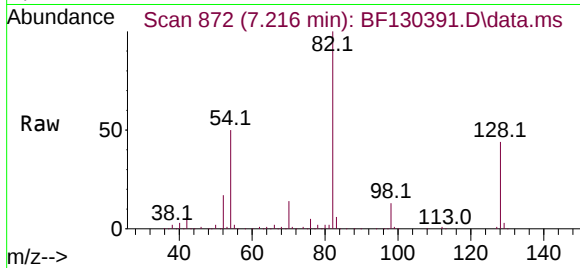




#25
Isophorone
Concen: 35.137 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

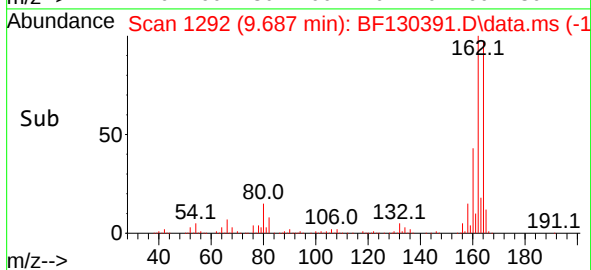
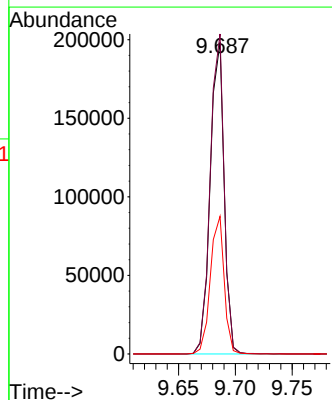
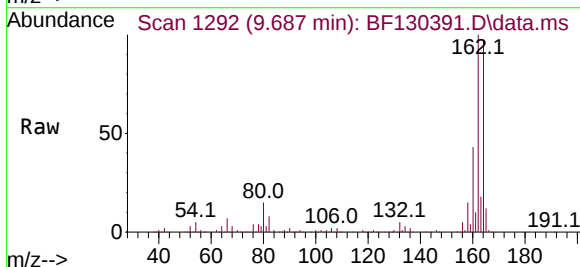
Instrument :
BNA_F
ClientSampleId :

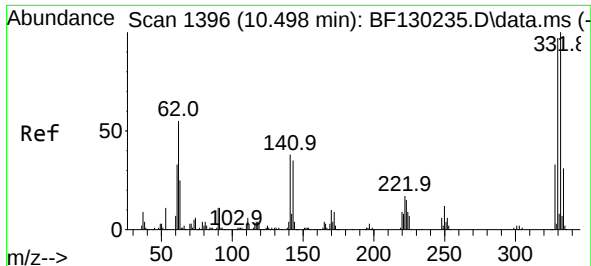
Tgt Ion: 82 Resp: 386690
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

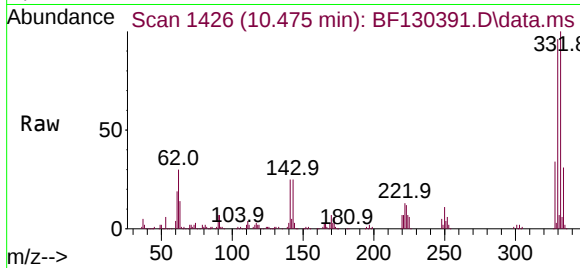
Tgt Ion:164 Resp: 168803
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 44.2 36.2 54.4



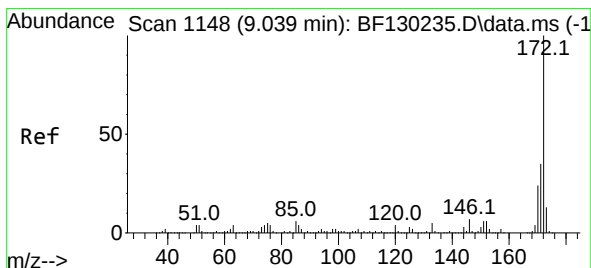
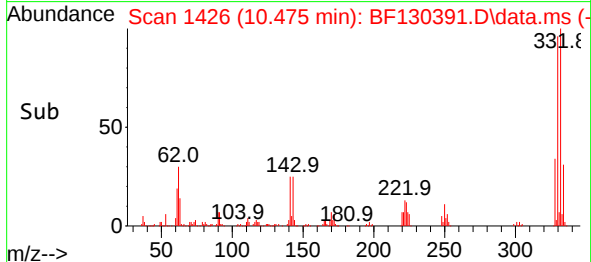
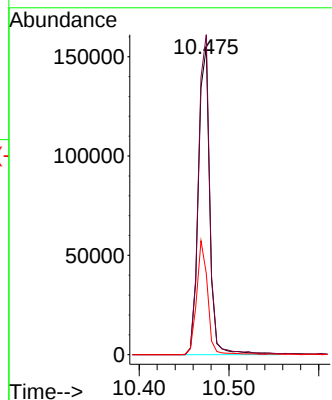


#42
2,4,6-Tribromophenol
Concen: 84.501 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

Instrument :
BNA_F
ClientSampleId :

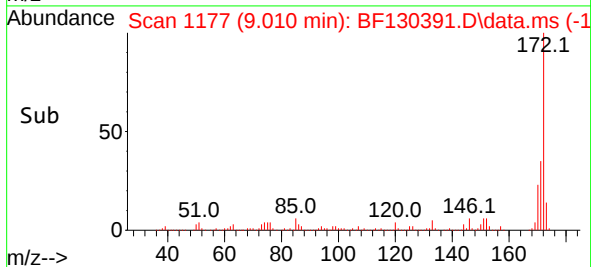
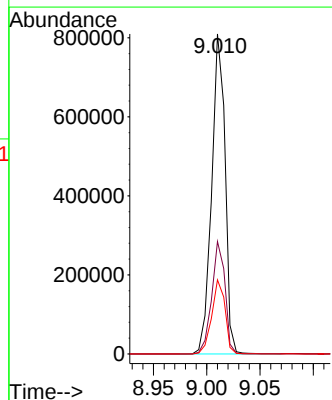
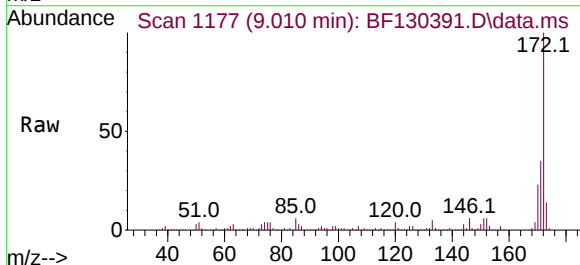


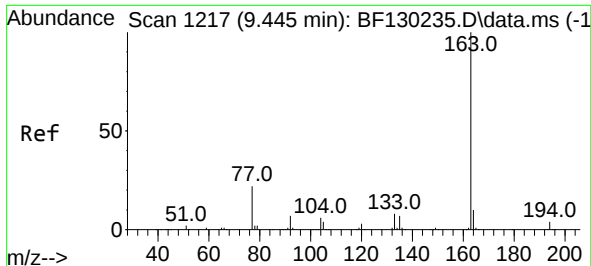
Tgt Ion:330 Resp: 136676
Ion Ratio Lower Upper
330 100
332 104.9 83.4 125.2
141 35.7 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 61.482 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

Tgt Ion:172 Resp: 712706
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 18.7 28.1

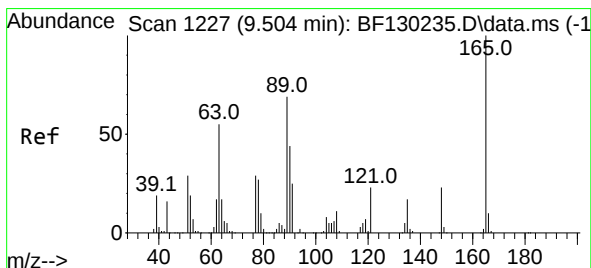
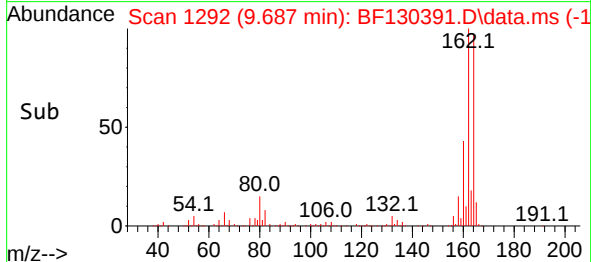
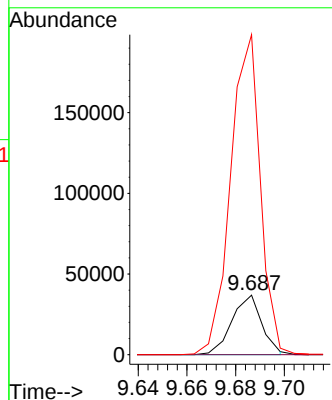
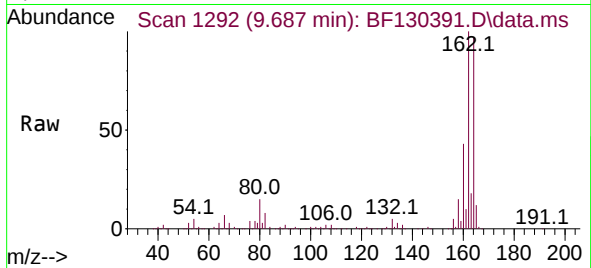




#50
Dimethylphthalate
Concen: 2.706 ng
RT: 9.687 min Scan# 1292
Delta R.T. 0.259 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

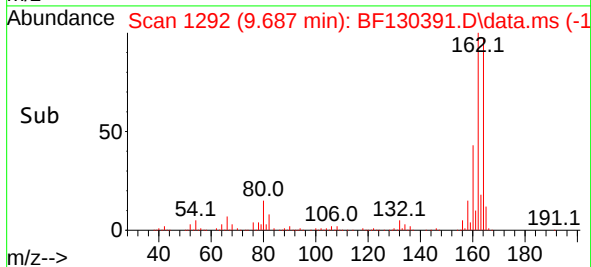
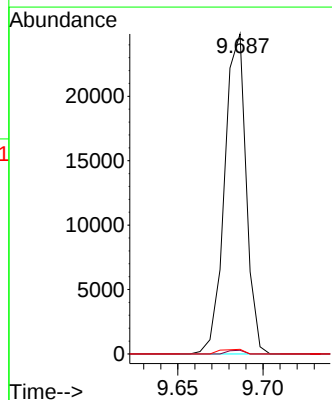
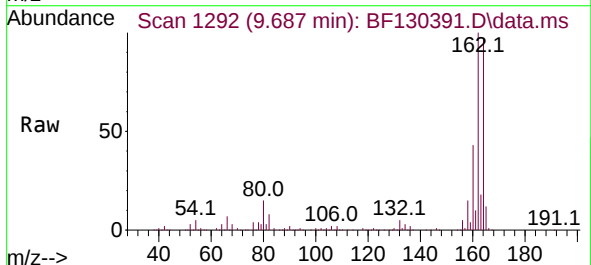
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BNA_F
ClientSampleId :

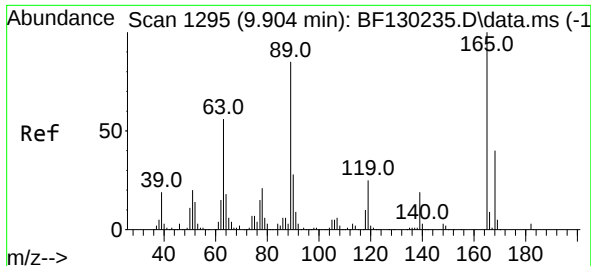
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Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 537.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.947 ng
RT: 9.687 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

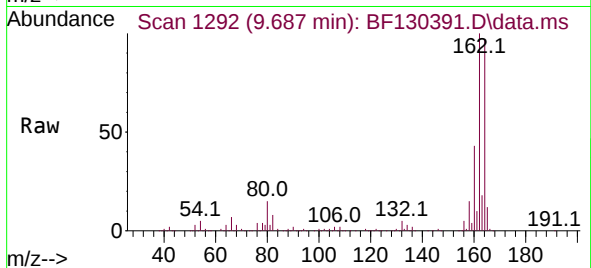
Tgt Ion:165 Resp: 21818
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.4 54.5 81.7#



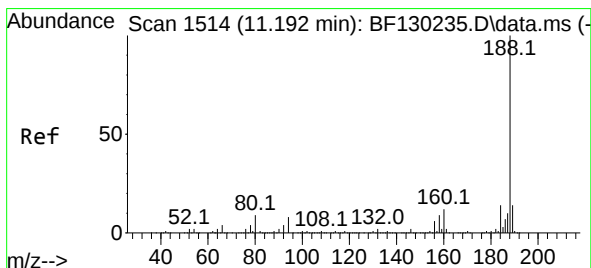
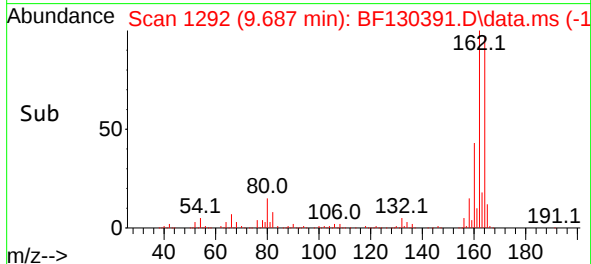
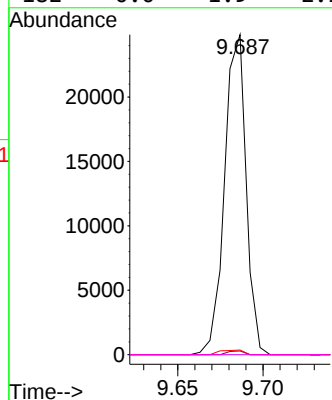


#57
2,4-Dinitrotoluene
Concen: 7.001 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

Instrument :
BNA_F
ClientSampleId :

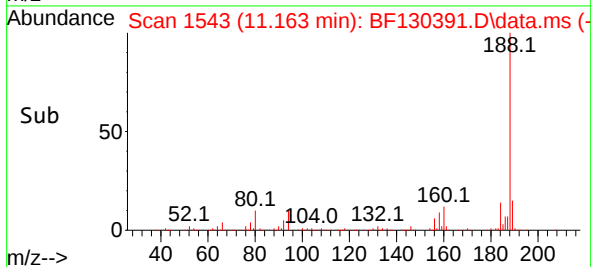
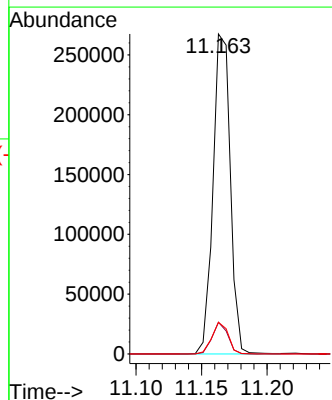
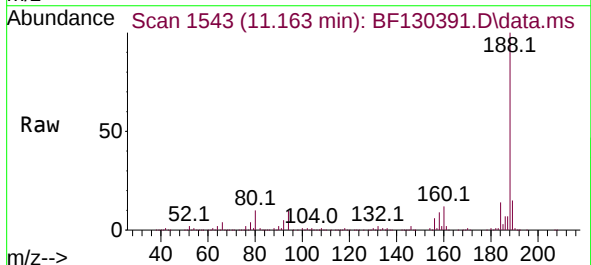


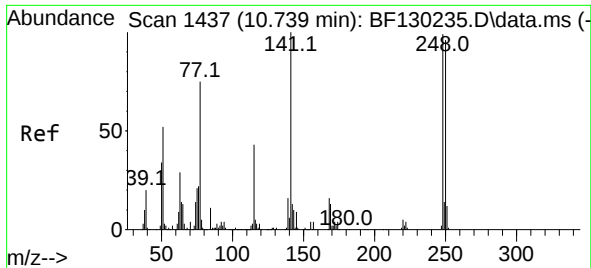
Tgt Ion:165 Resp: 21818
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. -0.012 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

Tgt Ion:188 Resp: 245205
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 9.9 7.9 11.9

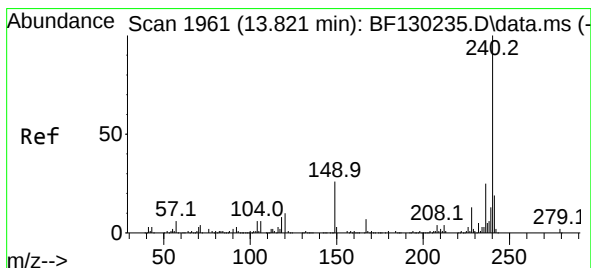
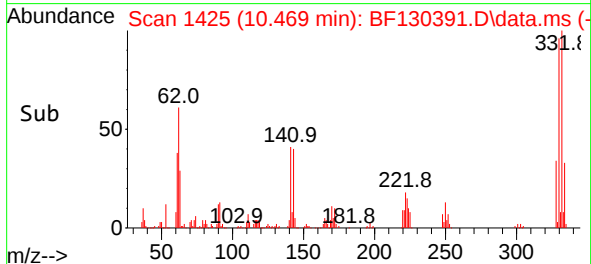
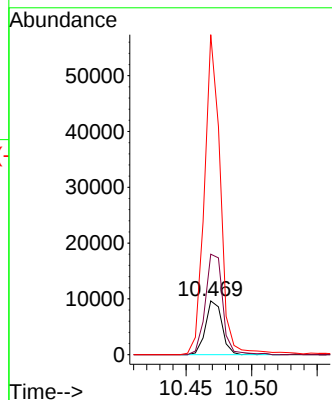
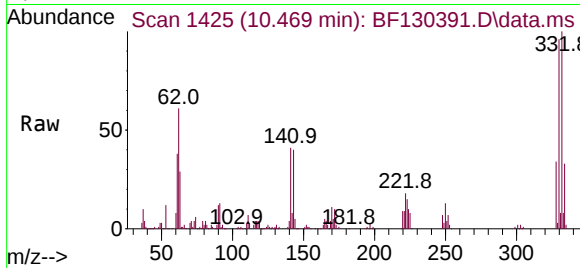




#67
4-Bromophenyl-phenylether
Concen: 3.157 ng
RT: 10.469 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

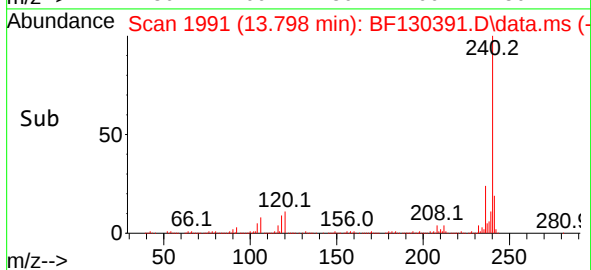
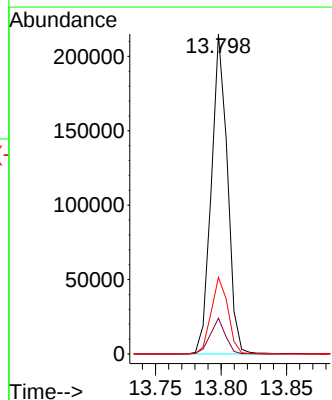
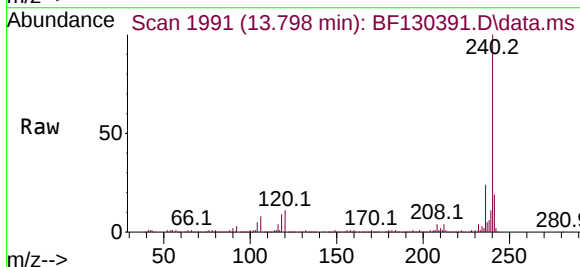
Instrument :
BNA_F
ClientSampleId :

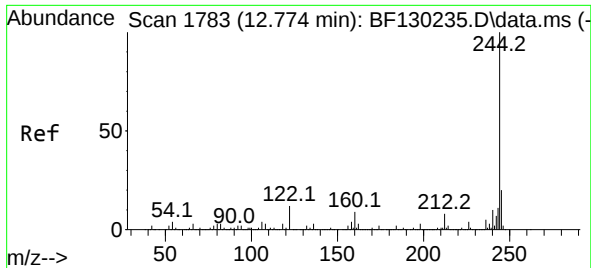
Tgt Ion:248 Resp: 8540
Ion Ratio Lower Upper
248 100
250 187.1 80.0 120.0#
141 595.7 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

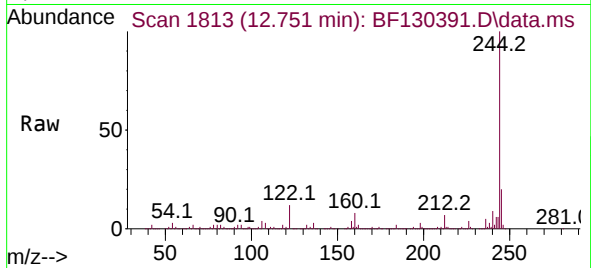
Tgt Ion:240 Resp: 183793
Ion Ratio Lower Upper
240 100
120 11.2 8.7 13.1
236 23.9 20.9 31.3



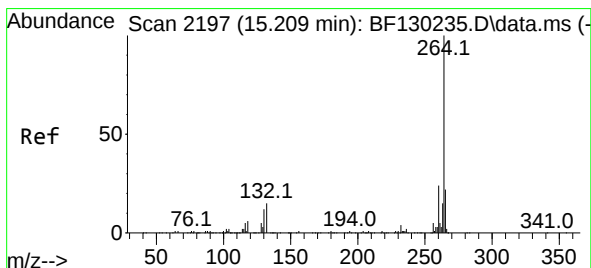
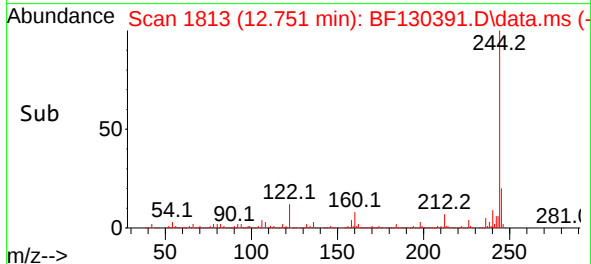
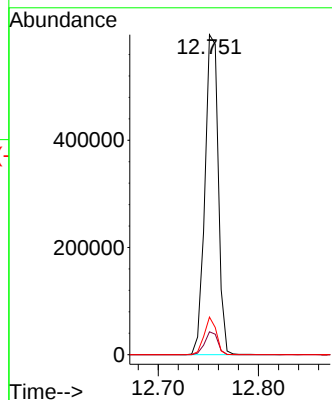


#79
 Terphenyl-d14
 Concen: 50.029 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130391.D
 Acq: 23 Sep 2022 15:19

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 555089
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. 0.006 min
 Lab File: BF130391.D
 Acq: 23 Sep 2022 15:19

Tgt Ion:264 Resp: 216037
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 21.3 17.0 25.4

