

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130394.D
 Acq On : 23 Sep 2022 16:59
 Operator : CG\JU
 Sample : N4764-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 17:57:33 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)

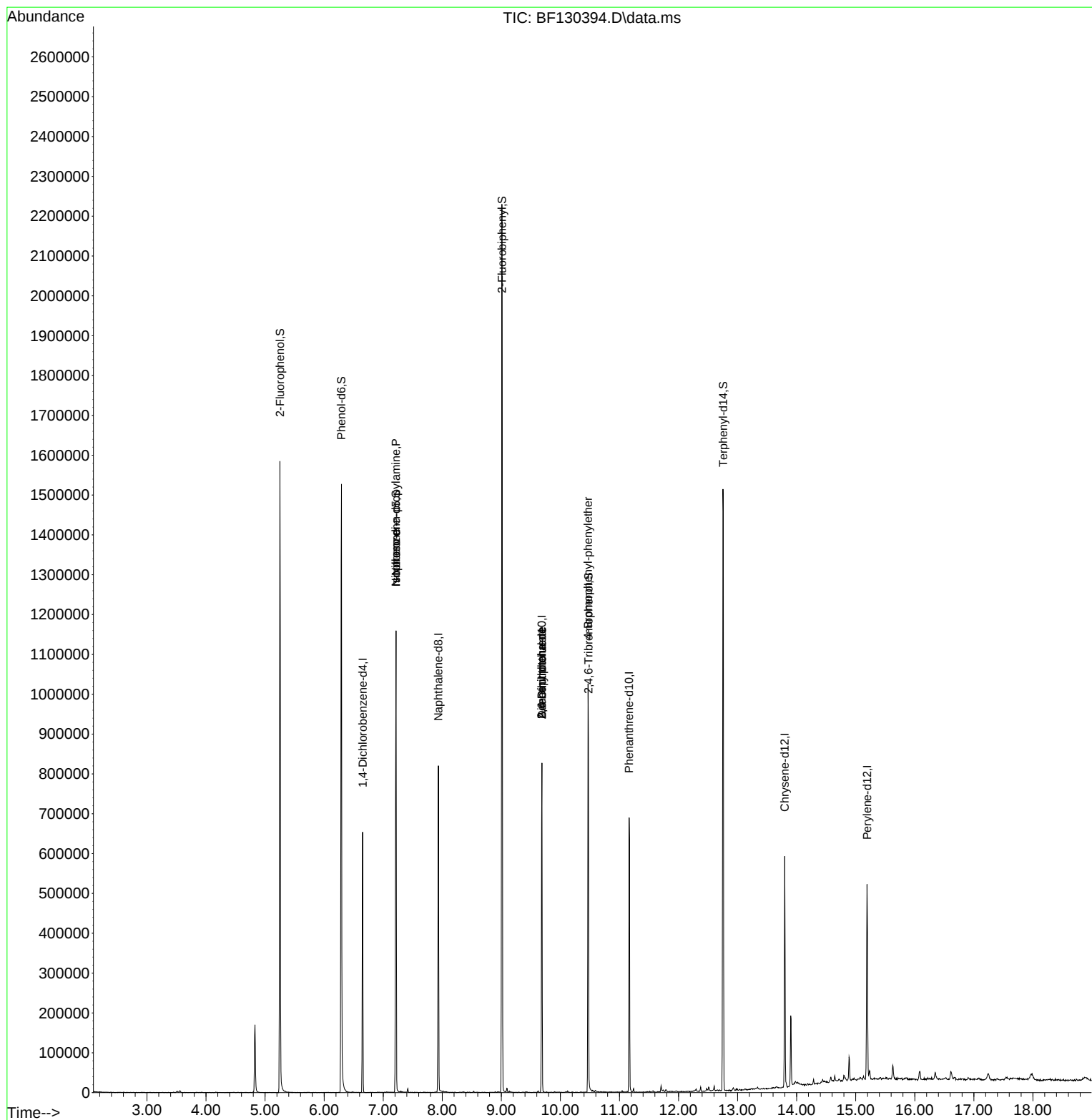
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	86359	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	327858	20.000	ng	-0.01
39) Acenaphthene-d10	9.686	164	163750	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	244317	20.000	ng	-0.01
76) Chrysene-d12	13.798	240	167818	20.000	ng	0.00
86) Perylene-d12	15.192	264	196647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	424717	85.302	ng	0.00
7) Phenol-d6	6.293	99	524691	84.222	ng	0.00
23) Nitrobenzene-d5	7.216	82	339665	52.928	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	119950	76.448	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	646929	57.530	ng	-0.01
79) Terphenyl-d14	12.757	244	525548	51.876	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.216	70	45684	10.867	ng	# 72
25) Isophorone	7.216	82	338311	32.708	ng	# 66
50) Dimethylphthalate	9.686	163	30521	2.698	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	20880	8.827	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	20880	6.906	ng	# 16
67) 4-Bromophenyl-phenylether	10.469	248	7170	2.660	ng	# 1

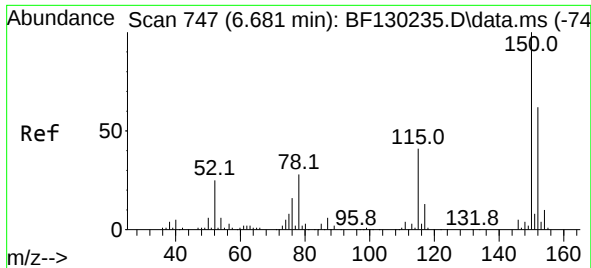
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
Data File : BF130394.D
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Operator : CG\JU
Sample : N4764-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

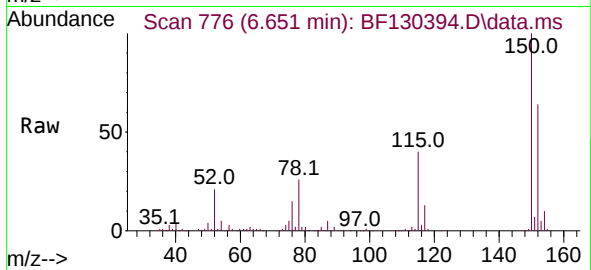
Quant Time: Sep 23 17:57:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration



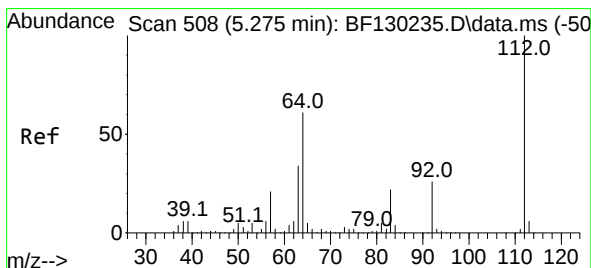
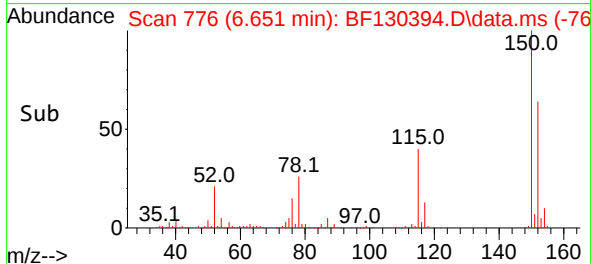
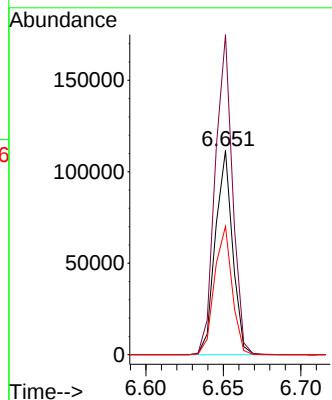


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

Instrument :
BNA_F
ClientSampleId :

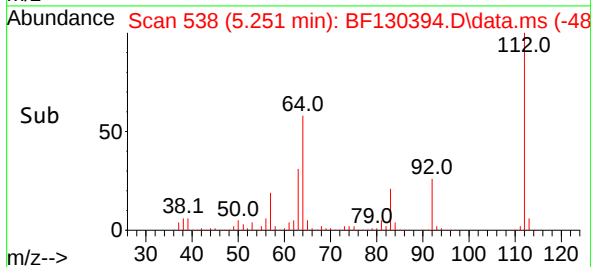
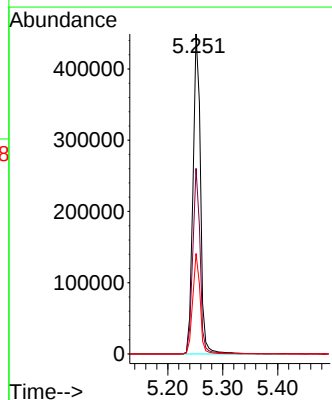
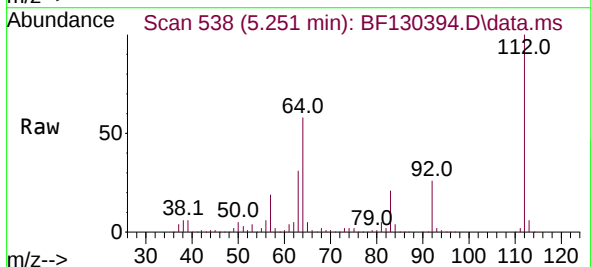


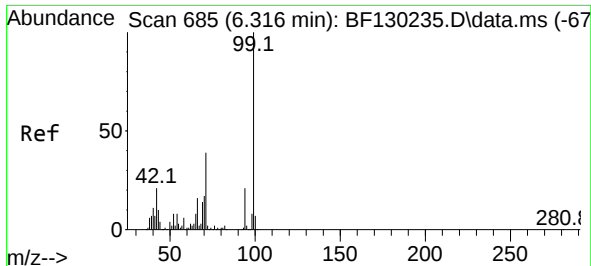
Tgt Ion:152 Resp: 86359
Ion Ratio Lower Upper
152 100
150 156.7 122.8 184.2
115 62.8 53.8 80.8



#5
2-Fluorophenol
Concen: 85.302 ng
RT: 5.251 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

Tgt Ion:112 Resp: 424717
Ion Ratio Lower Upper
112 100
64 58.0 51.4 77.0
63 31.4 28.8 43.2

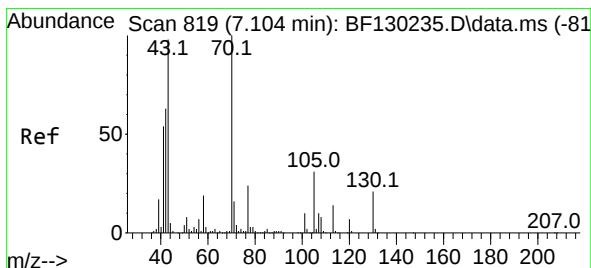
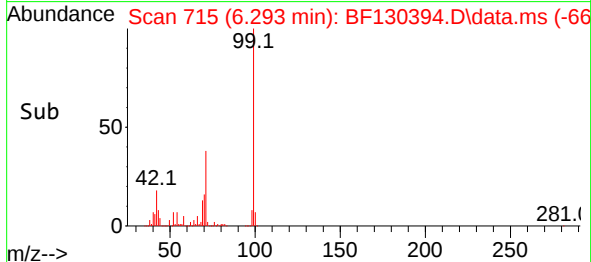
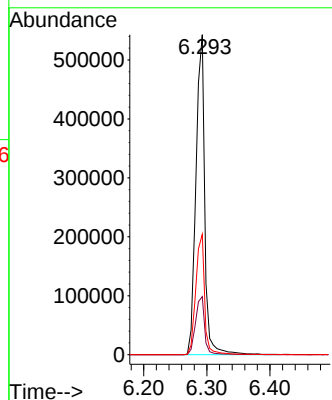
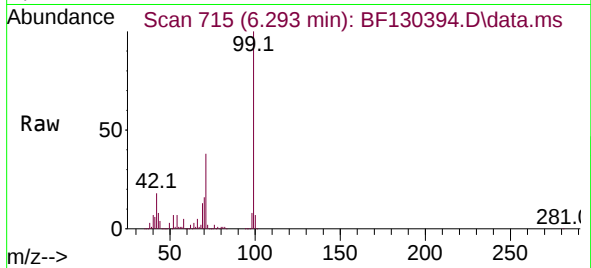




#7
Phenol-d6
Concen: 84.222 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

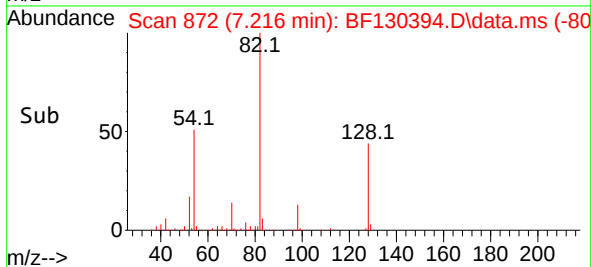
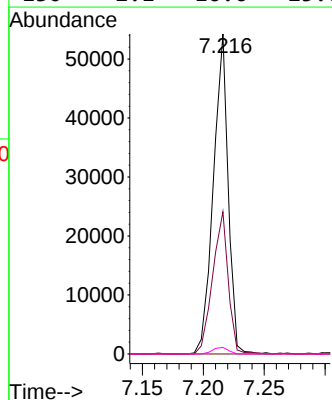
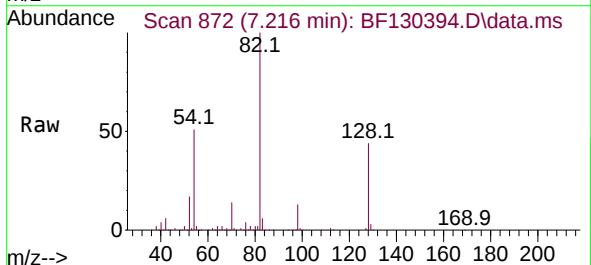
Instrument :
BNA_F
ClientSampleId :

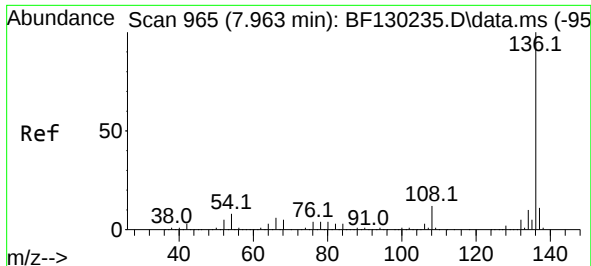
Tgt Ion: 99 Resp: 524691
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 37.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.867 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.124 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

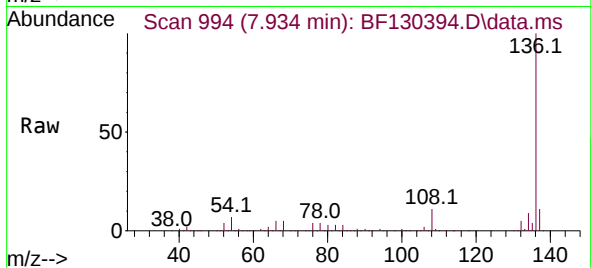
Tgt Ion: 70 Resp: 45684
Ion Ratio Lower Upper
70 100
42 44.4 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#



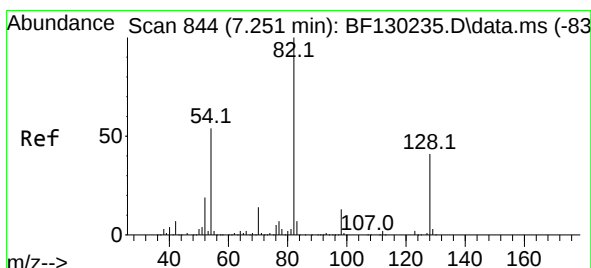
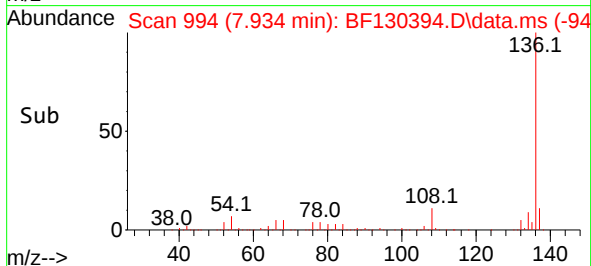
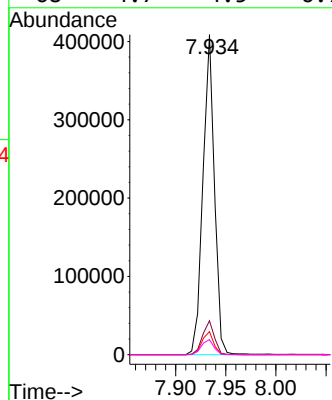


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

Instrument :
BNA_F
ClientSampleId :

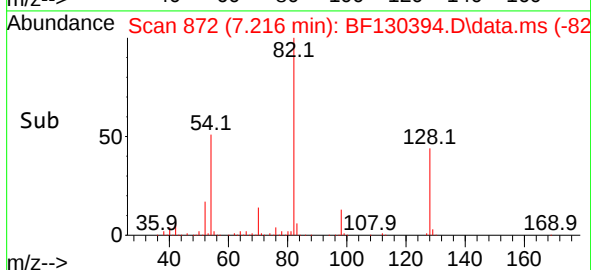
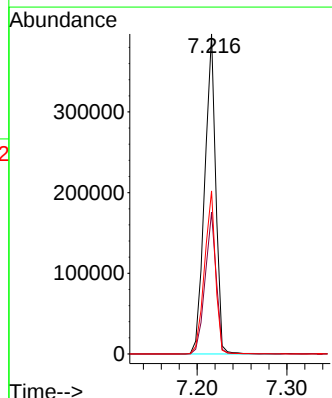
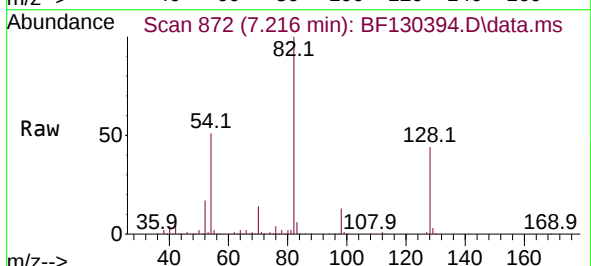


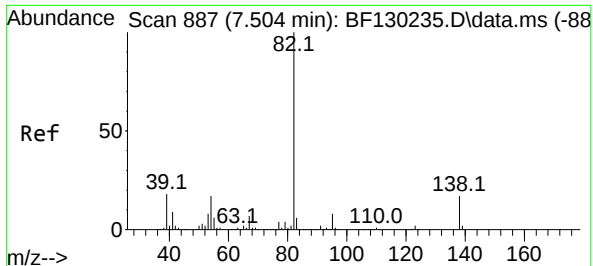
Tgt Ion:136	Resp: 327858
Ion Ratio	Lower Upper
136	100
137	10.6 9.1 13.7
54	7.2 7.1 10.7
68	4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 52.928 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.018 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

Tgt Ion: 82	Resp: 339665
Ion Ratio	Lower Upper
82	100
128	44.3 32.6 49.0
54	51.0 43.8 65.6

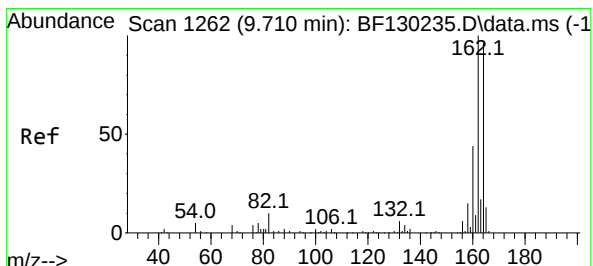
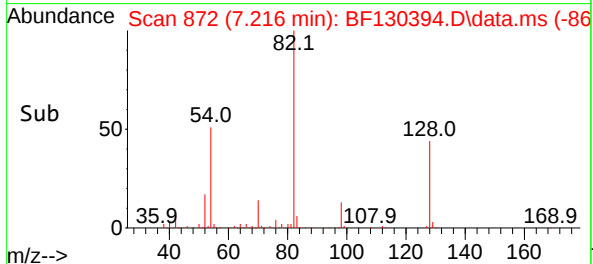
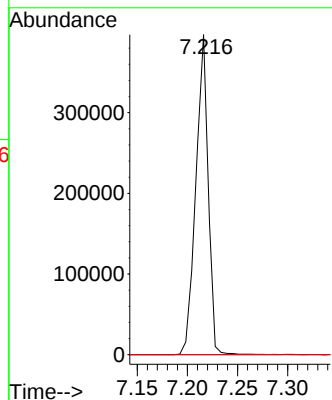
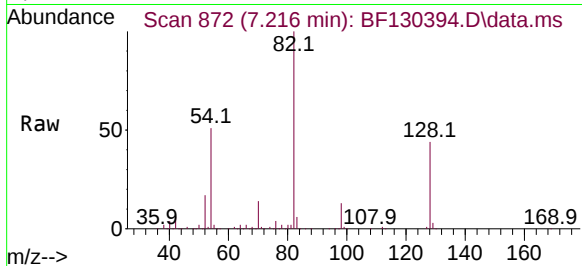




#25
Isophorone
Concen: 32.708 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

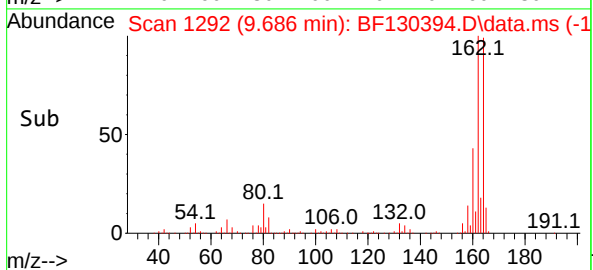
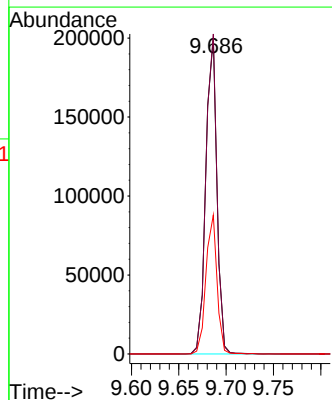
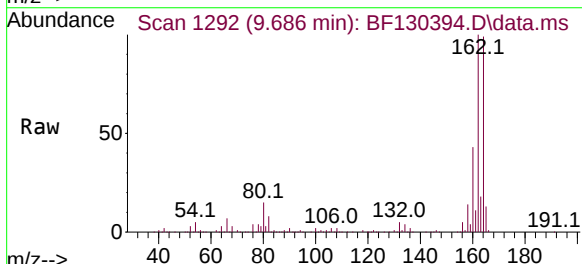
Instrument :
BNA_F
ClientSampleId :

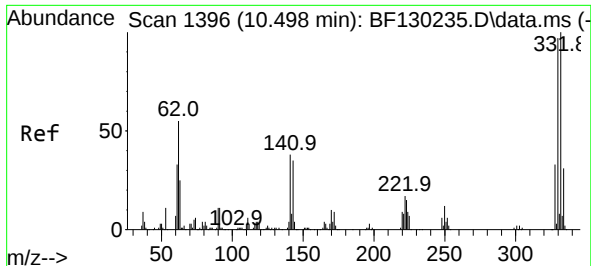
Tgt Ion: 82 Resp: 338311
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

Tgt Ion:164 Resp: 163750
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 44.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 76.448 ng

RT: 10.475 min Scan# 1177

Delta R.T. -0.006 min

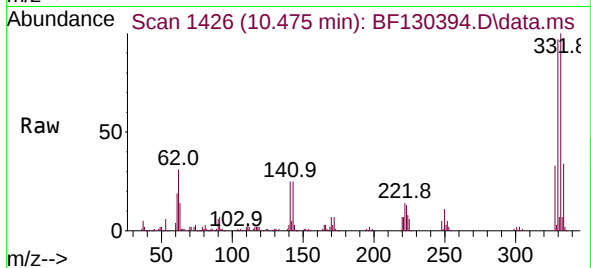
Lab File: BF130394.D

Acq: 23 Sep 2022 16:59

Instrument :

BNA_F

ClientSampleId :



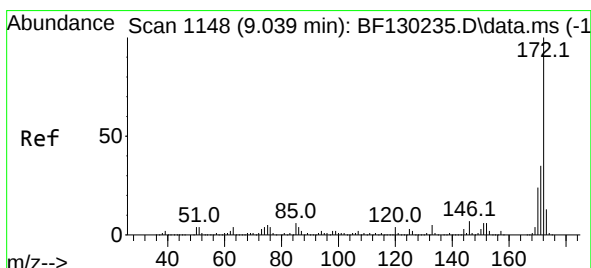
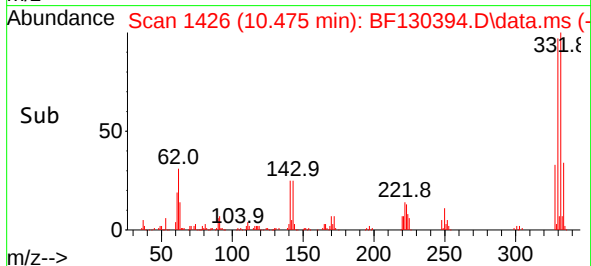
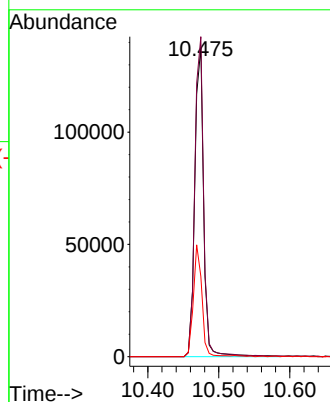
Tgt Ion:330 Resp: 119950

Ion Ratio Lower Upper

330 100

332 103.4 83.4 125.2

141 35.2 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 57.530 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF130394.D

Acq: 23 Sep 2022 16:59

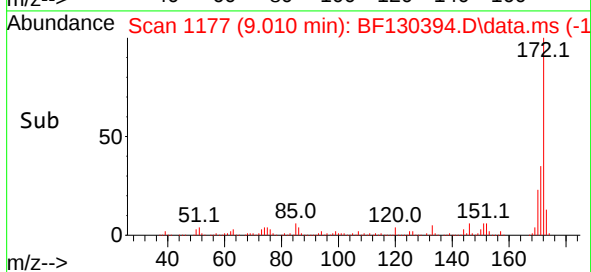
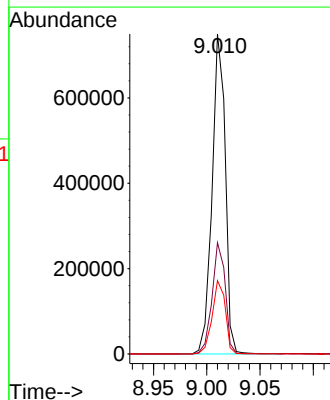
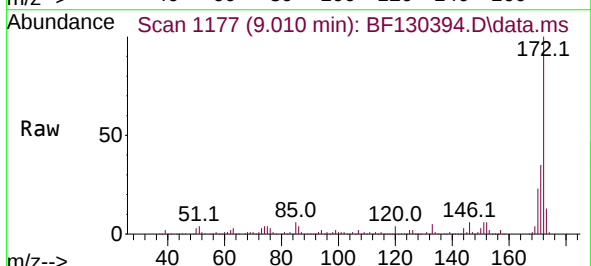
Tgt Ion:172 Resp: 646929

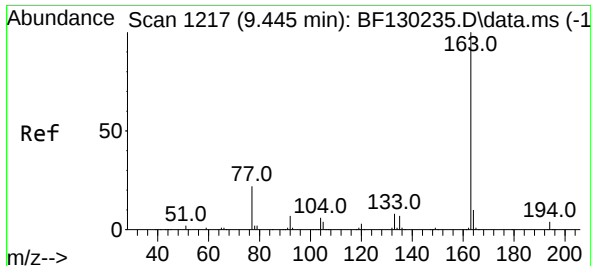
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 22.9 18.7 28.1

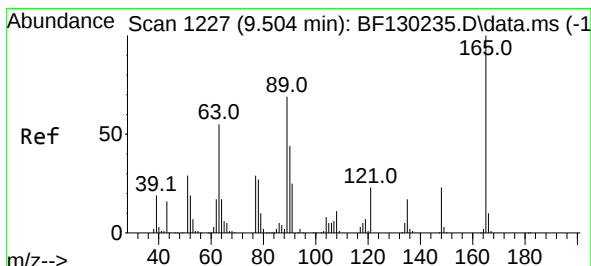
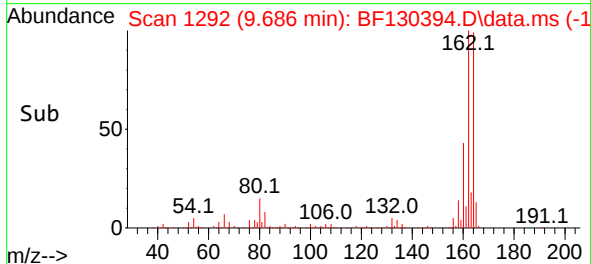
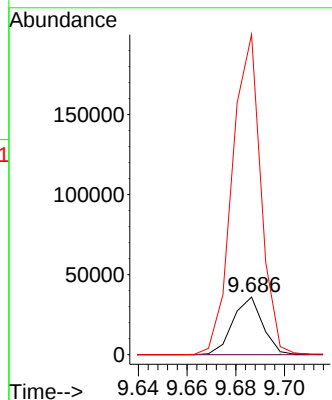
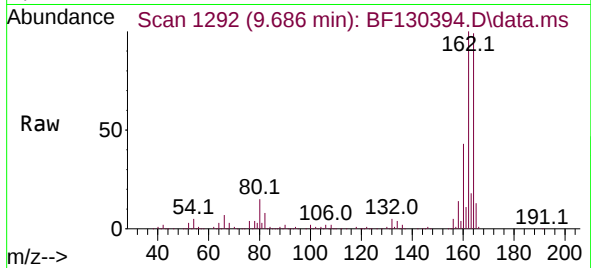




#50
Dimethylphthalate
Concen: 2.698 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.259 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

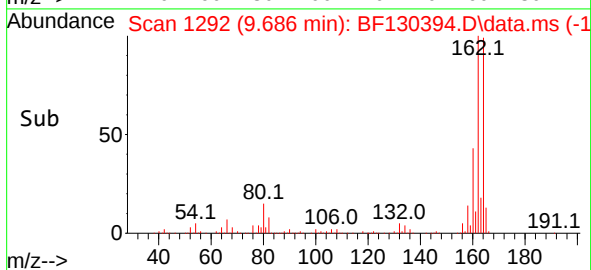
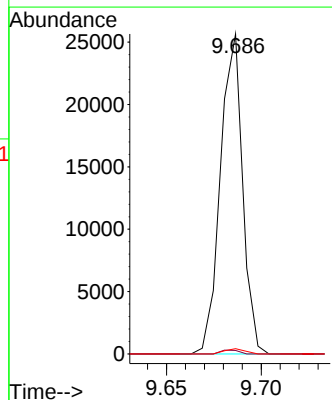
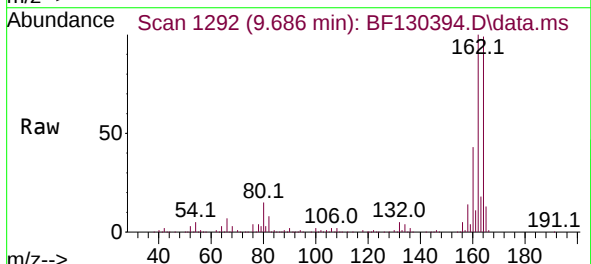
Instrument :
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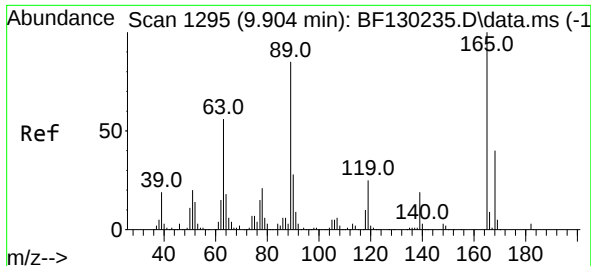
Tgt Ion:163 Resp: 30521
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 555.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.827 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

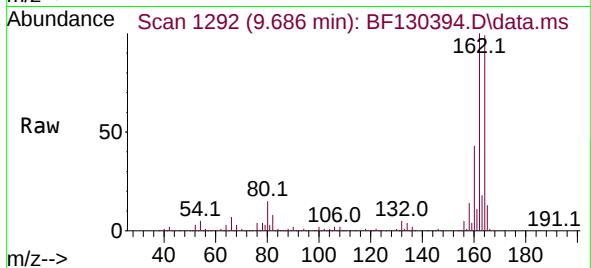
Tgt Ion:165 Resp: 20880
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 1.6 54.5 81.7#



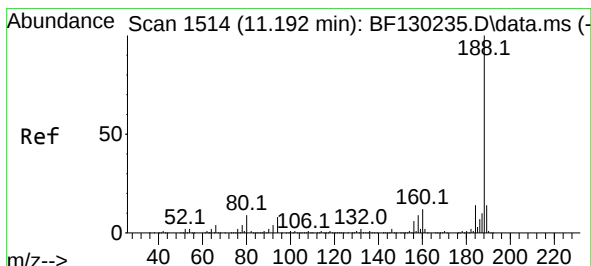
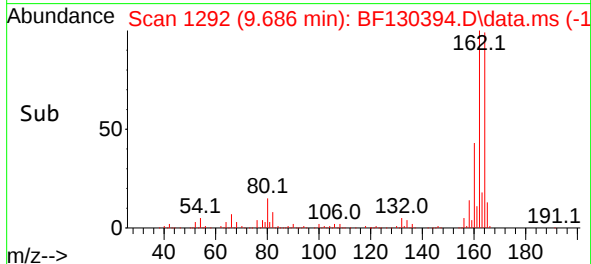
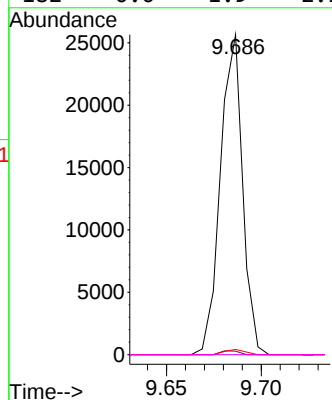


#57
2,4-Dinitrotoluene
Concen: 6.906 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

Instrument :
BNA_F
ClientSampleId :

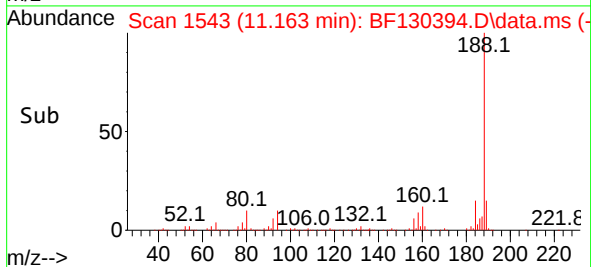
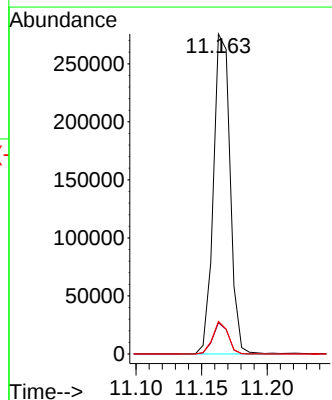
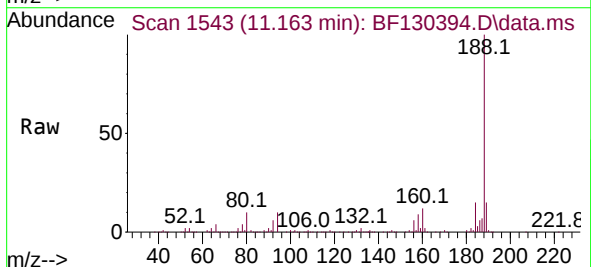


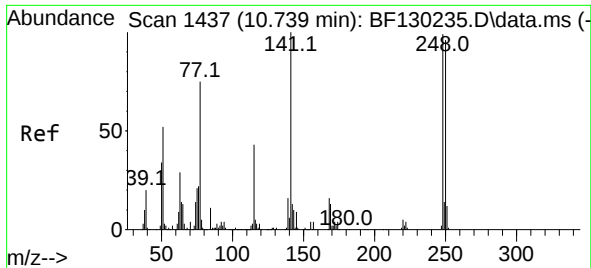
Tgt Ion:165 Resp: 20880
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.6 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. -0.012 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

Tgt Ion:188 Resp: 244317
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.2 7.9 11.9

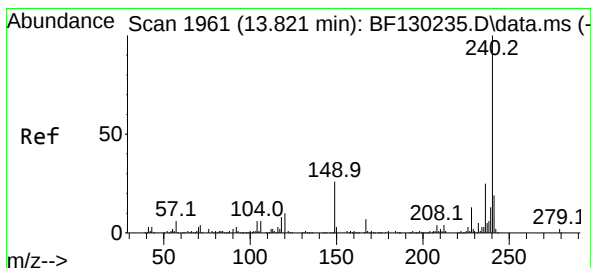
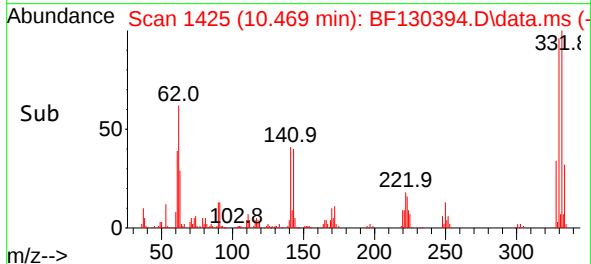
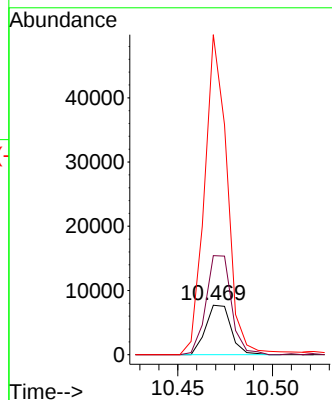
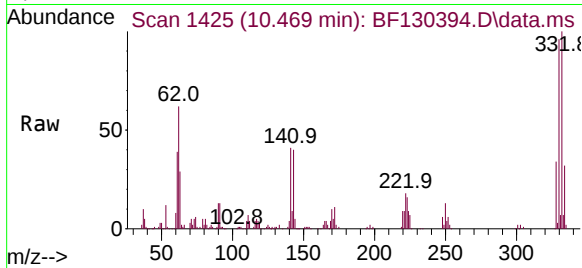




#67
4-Bromophenyl-phenylether
Concen: 2.660 ng
RT: 10.469 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

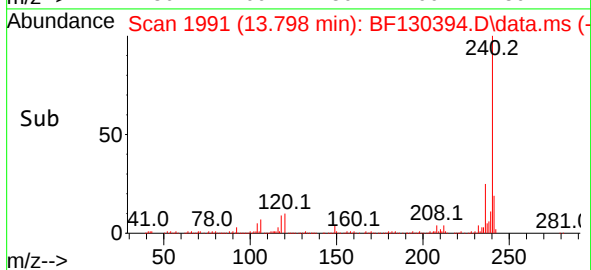
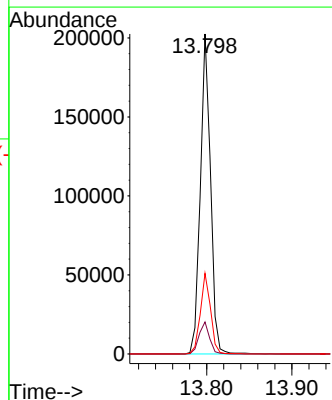
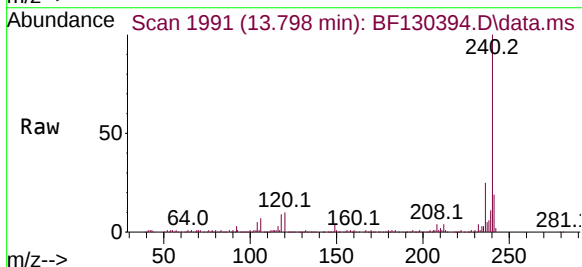
Instrument :
BNA_F
ClientSampleId :

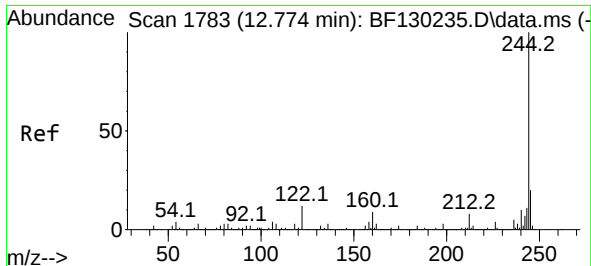
Tgt Ion:248 Resp: 7170
Ion Ratio Lower Upper
248 100
250 200.3 80.0 120.0#
141 647.2 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130394.D
Acq: 23 Sep 2022 16:59

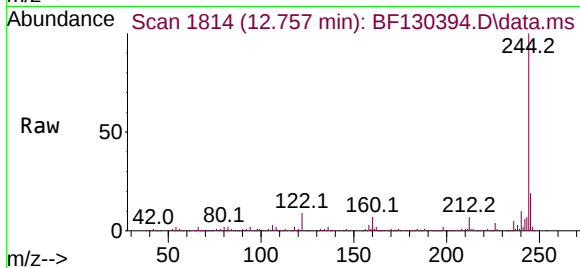
Tgt Ion:240 Resp: 167818
Ion Ratio Lower Upper
240 100
120 10.0 8.7 13.1
236 25.2 20.9 31.3



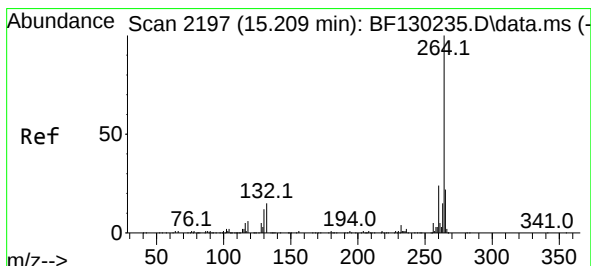
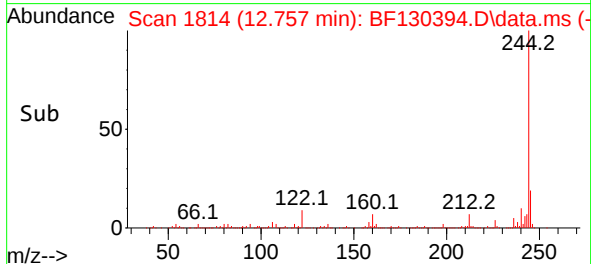
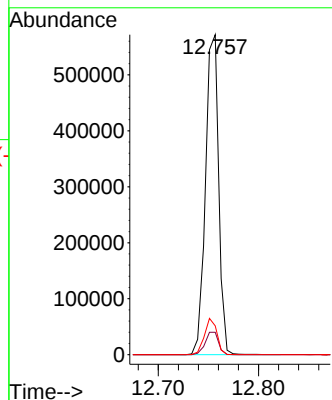


#79
 Terphenyl-d14
 Concen: 51.876 ng
 RT: 12.757 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130394.D
 Acq: 23 Sep 2022 16:59

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 525548
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.0 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: BF130394.D
 Acq: 23 Sep 2022 16:59

Tgt Ion:264 Resp: 196647
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 20.9 17.0 25.4

