

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130384.D
 Acq On : 22 Sep 2022 19:52
 Operator : CG\JU
 Sample : N4753-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-092122

Quant Time: Sep 23 02:58:44 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)

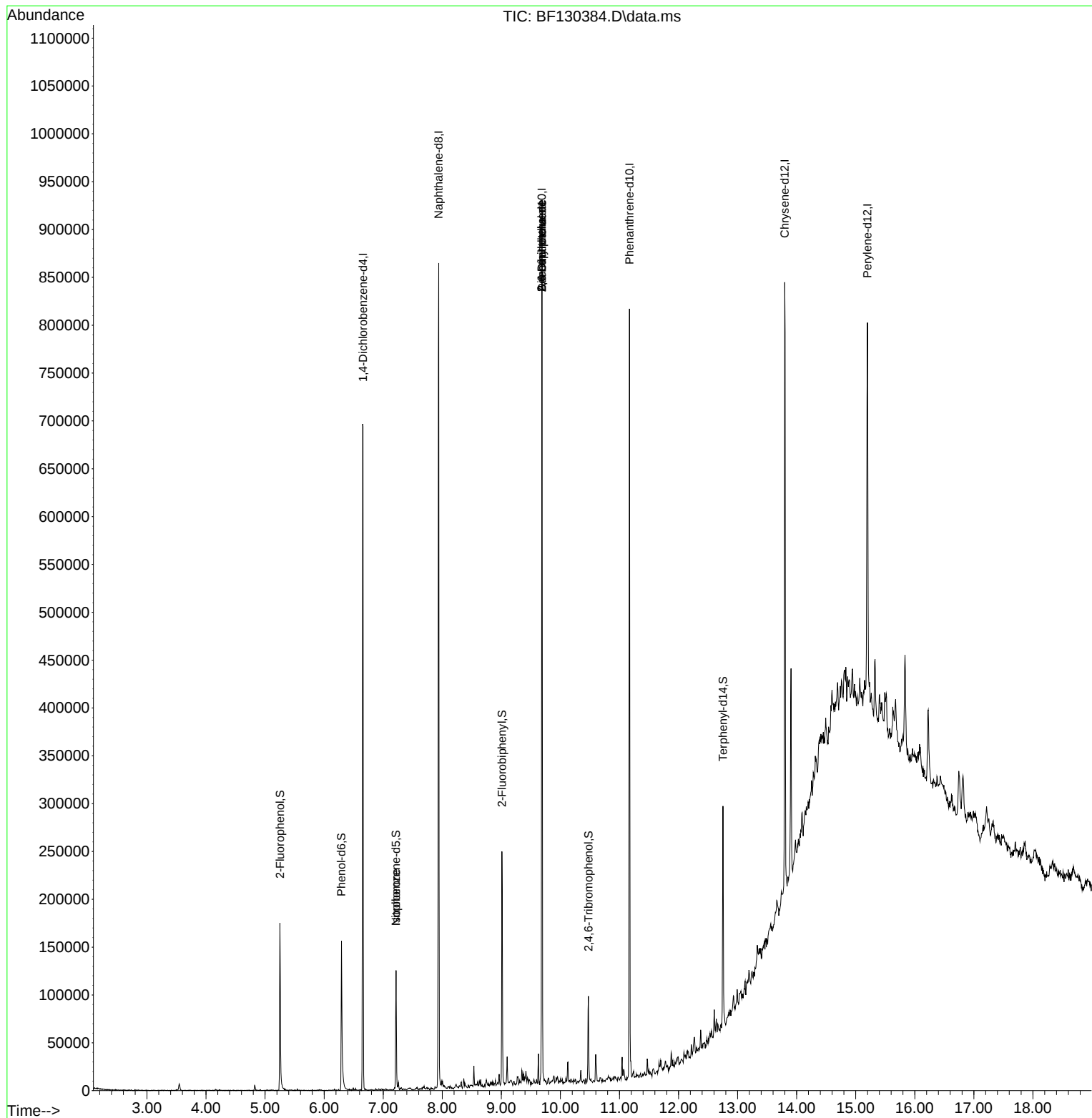
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	105489	20.000	ng	0.00
21) Naphthalene-d8	7.940	136	371127	20.000	ng	# 0.00
39) Acenaphthene-d10	9.687	164	165350	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	251526	20.000	ng	0.00
76) Chrysene-d12	13.798	240	214695	20.000	ng	0.00
86) Perylene-d12	15.198	264	167076	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	51282	8.432	ng	0.00
7) Phenol-d6	6.293	99	59885	7.869	ng	0.00
23) Nitrobenzene-d5	7.216	82	36212	4.985	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	10610	6.697	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	70761	6.232	ng	-0.01
79) Terphenyl-d14	12.751	244	64650	4.988	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.216	82	35234	3.009	ng	# 66
50) Dimethylphthalate	9.687	163	30144	2.639	ng	# 1
51) 2,6-Dinitrotoluene	9.687	165	21130	8.846	ng	# 16
57) 2,4-Dinitrotoluene	9.687	165	21130	6.921	ng	# 16

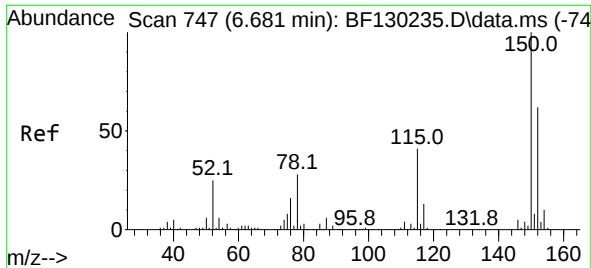
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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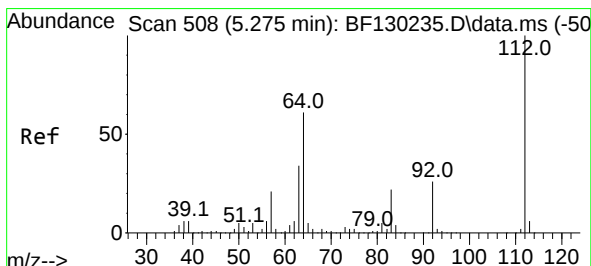
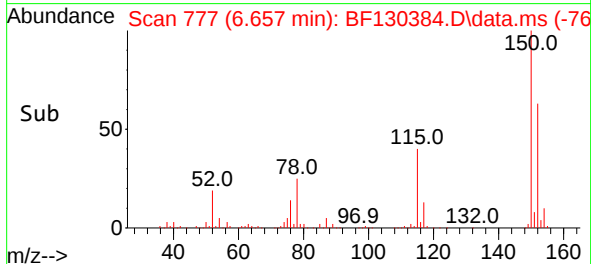
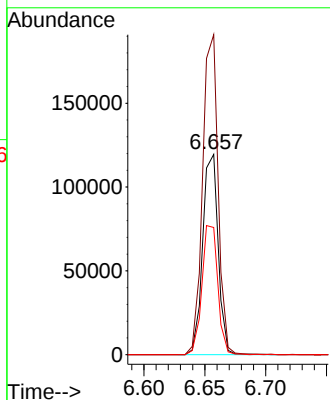
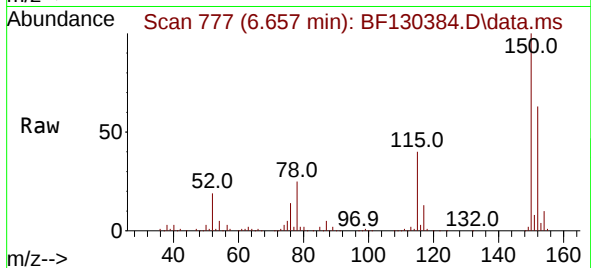




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130384.D
 Acq: 22 Sep 2022 19:52

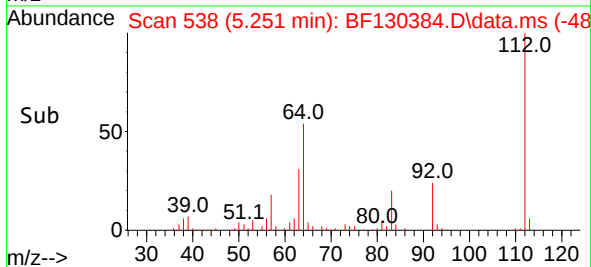
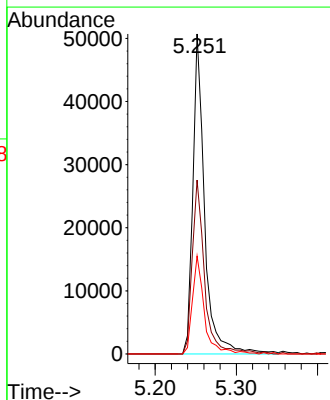
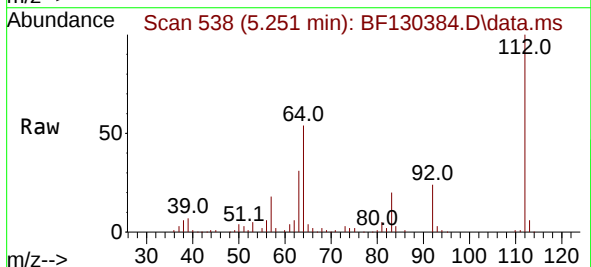
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-092122

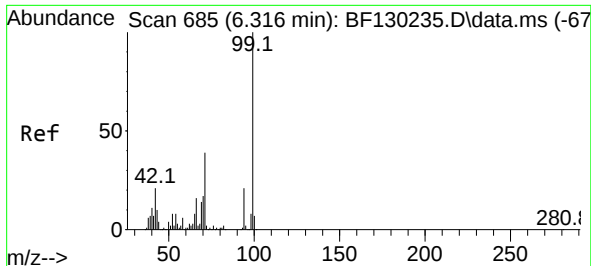
Tgt Ion:152 Resp: 105489
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.8 184.2
 115 63.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 8.432 ng
 RT: 5.251 min Scan# 538
 Delta R.T. -0.006 min
 Lab File: BF130384.D
 Acq: 22 Sep 2022 19:52

Tgt Ion:112 Resp: 51282
 Ion Ratio Lower Upper
 112 100
 64 54.3 51.4 77.0
 63 30.6 28.8 43.2

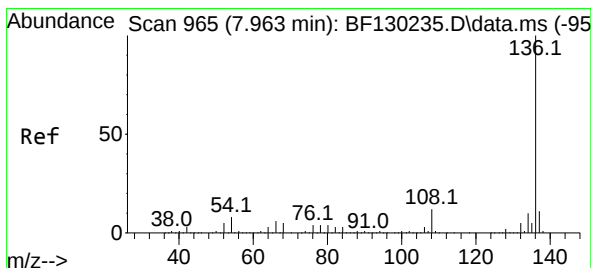
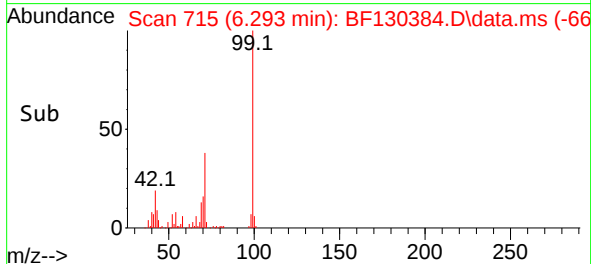
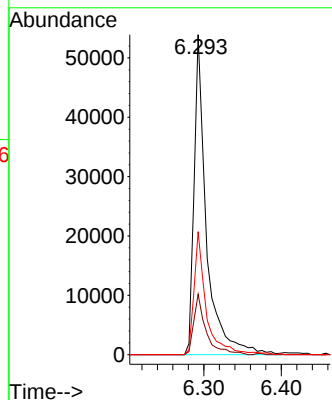
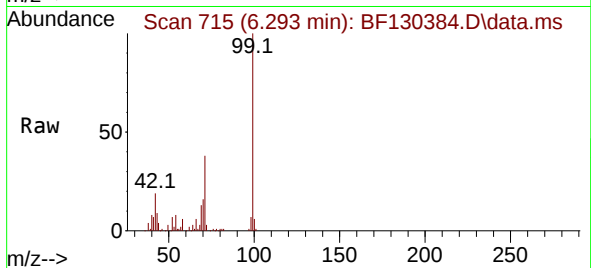




#7
Phenol-d6
Concen: 7.869 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130384.D
Acq: 22 Sep 2022 19:52

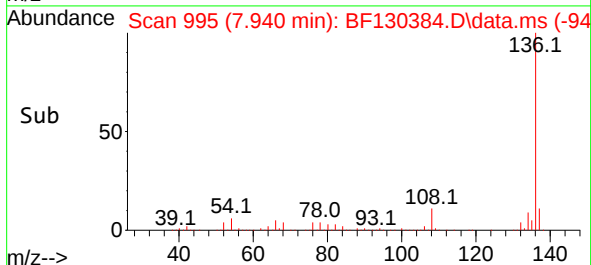
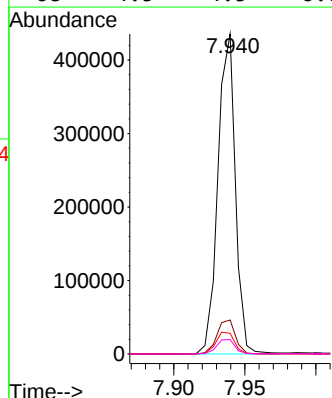
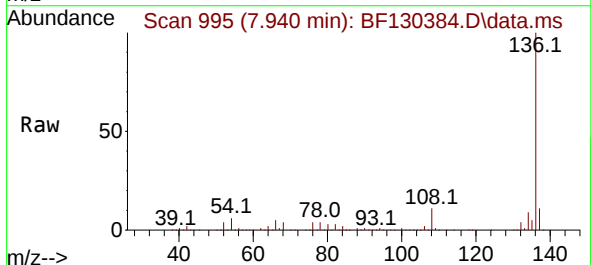
Instrument :
BNA_F
ClientSampleId :
EO-01-092122

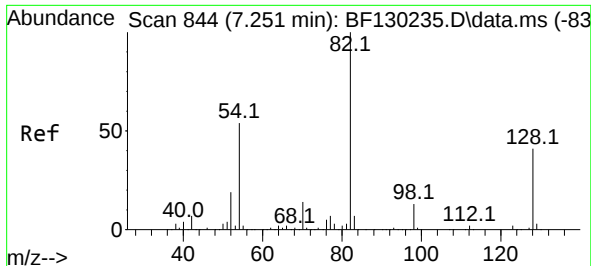
Tgt Ion: 99 Resp: 59885
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 38.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.940 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF130384.D
Acq: 22 Sep 2022 19:52

Tgt Ion: 136 Resp: 371127
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.5 7.1 10.7#
68 4.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 4.985 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF130384.D

Acq: 22 Sep 2022 19:52

Instrument :

BNA_F

ClientSampleId :

EO-01-092122

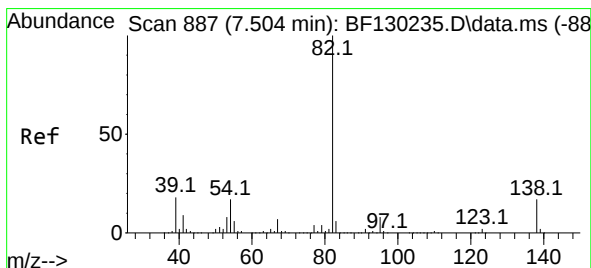
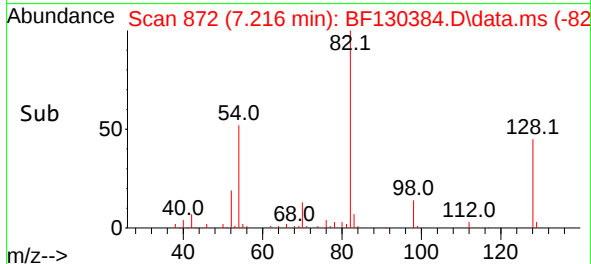
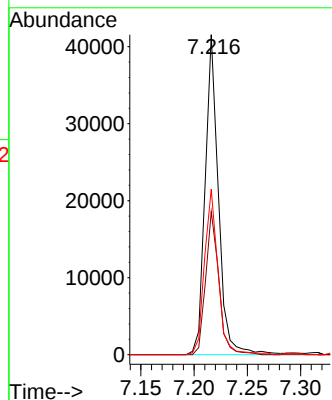
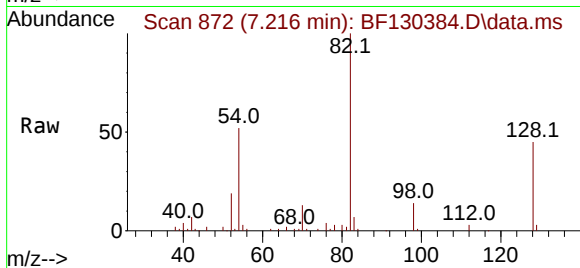
Tgt Ion: 82 Resp: 36212

Ion Ratio Lower Upper

82 100

128 44.7 32.6 49.0

54 51.7 43.8 65.6



#25

Isophorone

Concen: 3.009 ng

RT: 7.216 min Scan# 872

Delta R.T. -0.276 min

Lab File: BF130384.D

Acq: 22 Sep 2022 19:52

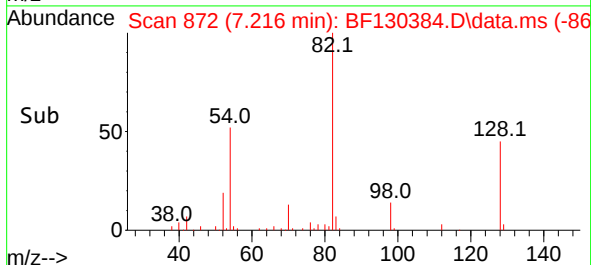
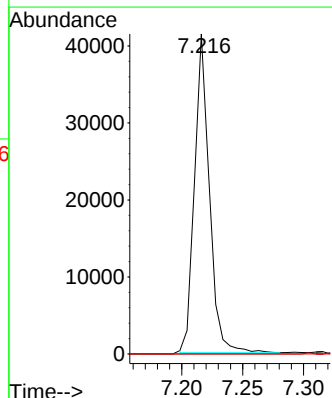
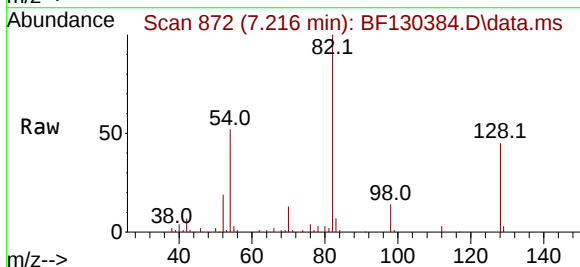
Tgt Ion: 82 Resp: 35234

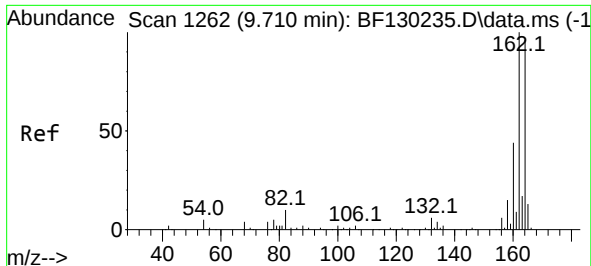
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.006 min

Lab File: BF130384.D

Acq: 22 Sep 2022 19:52

Instrument :

BNA_F

ClientSampleId :

EO-01-092122

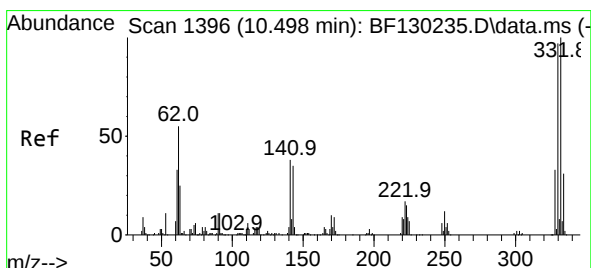
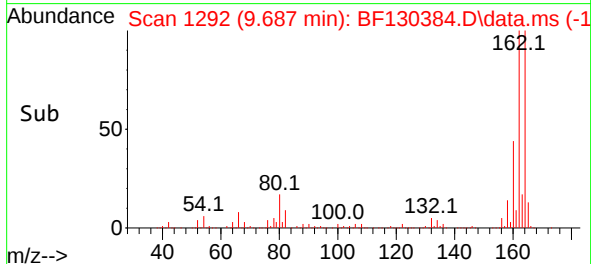
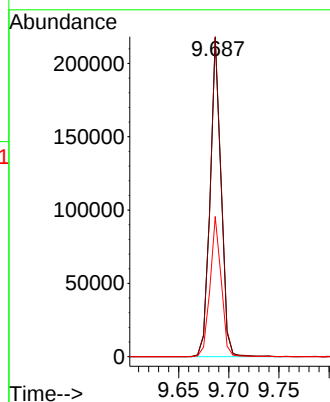
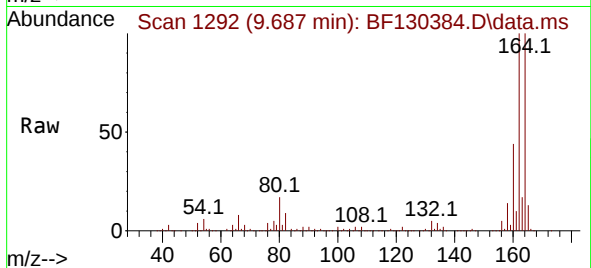
Tgt Ion:164 Resp: 165350

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

160 44.0 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 6.697 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130384.D

Acq: 22 Sep 2022 19:52

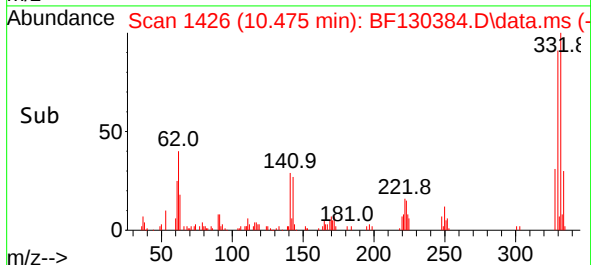
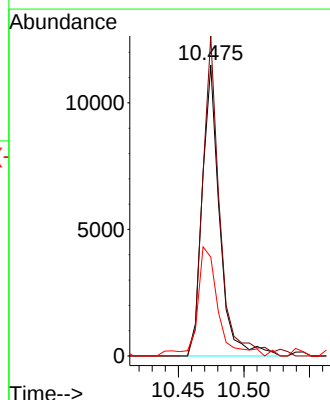
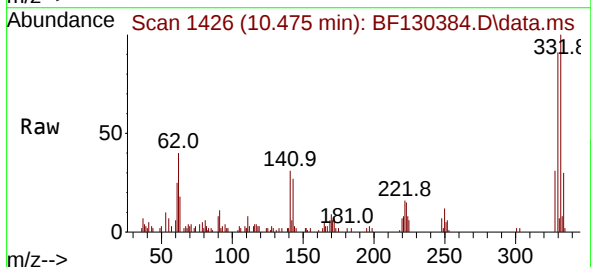
Tgt Ion:330 Resp: 10610

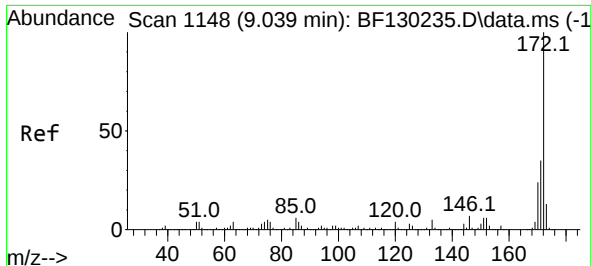
Ion Ratio Lower Upper

330 100

332 107.8 83.4 125.2

141 45.3 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 6.232 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF130384.D

Acq: 22 Sep 2022 19:52

Instrument :

BNA_F

ClientSampleId :

EO-01-092122

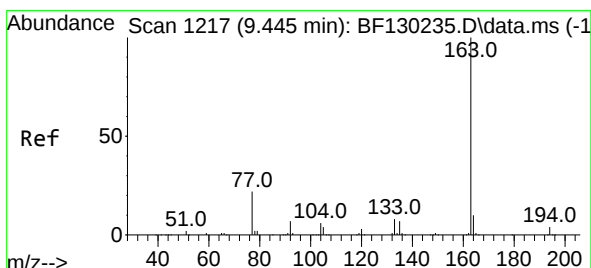
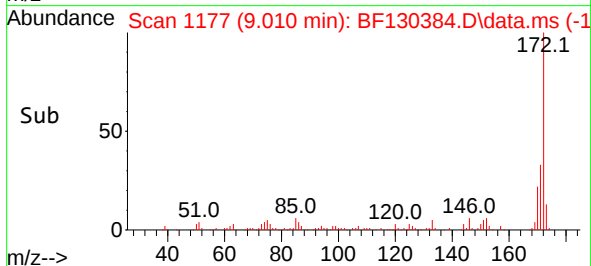
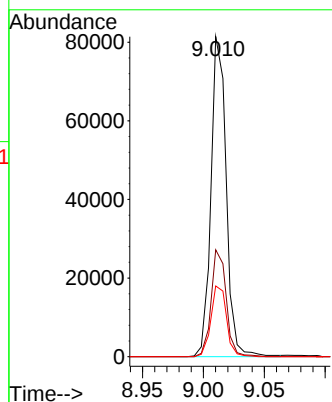
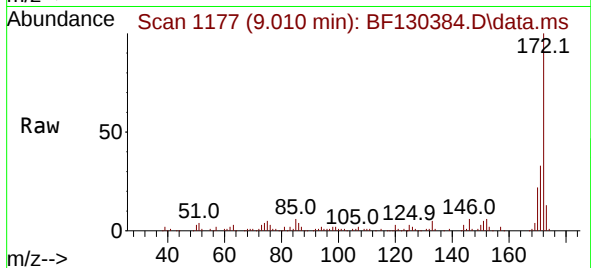
Tgt Ion:172 Resp: 70761

Ion Ratio Lower Upper

172 100

171 33.4 28.3 42.5

170 22.1 18.7 28.1



#50

Dimethylphthalate

Concen: 2.639 ng

RT: 9.687 min Scan# 1292

Delta R.T. 0.259 min

Lab File: BF130384.D

Acq: 22 Sep 2022 19:52

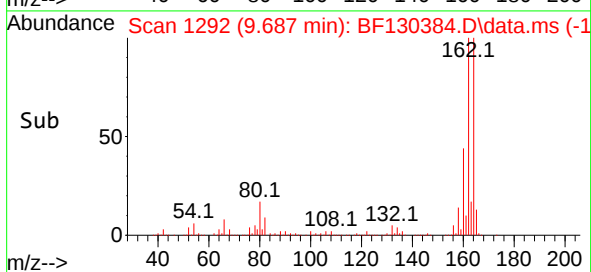
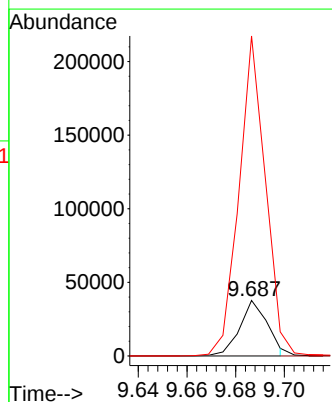
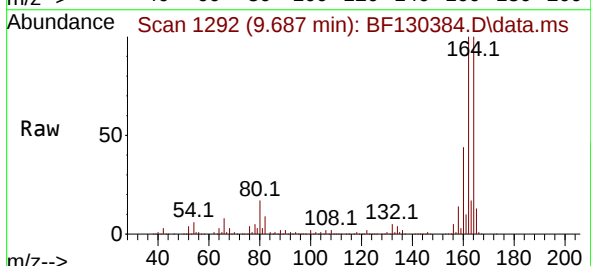
Tgt Ion:163 Resp: 30144

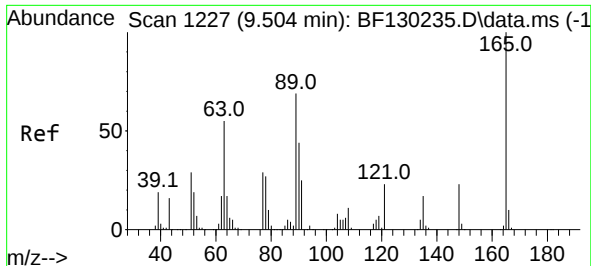
Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

164 576.9 8.2 12.2#

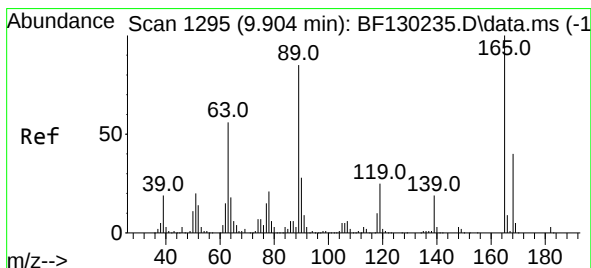
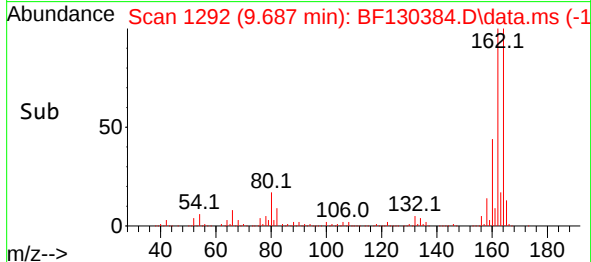
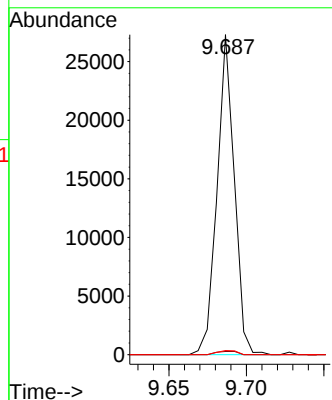
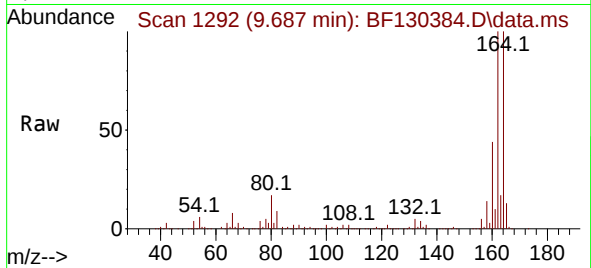




#51
2,6-Dinitrotoluene
Concen: 8.846 ng
RT: 9.687 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130384.D
Acq: 22 Sep 2022 19:52

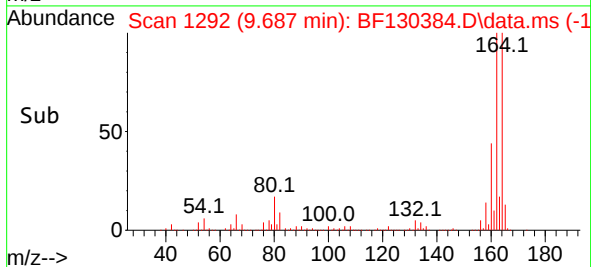
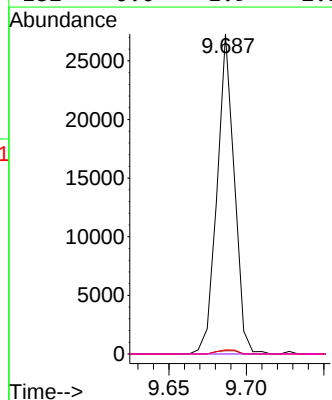
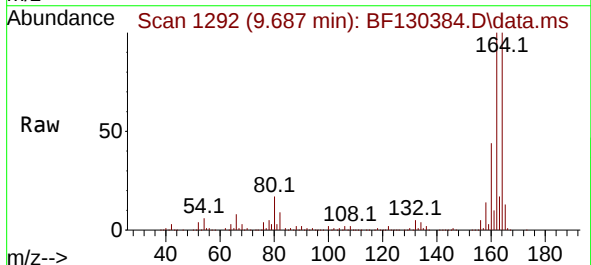
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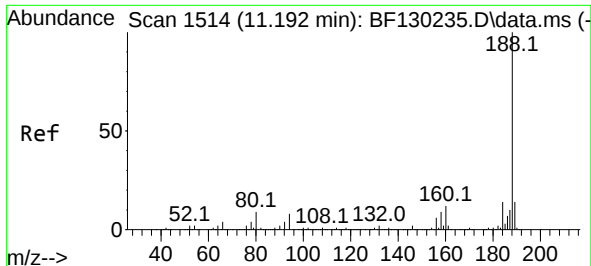
Tgt Ion:165 Resp: 21130
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.3 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 6.921 ng
RT: 9.687 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF130384.D
Acq: 22 Sep 2022 19:52

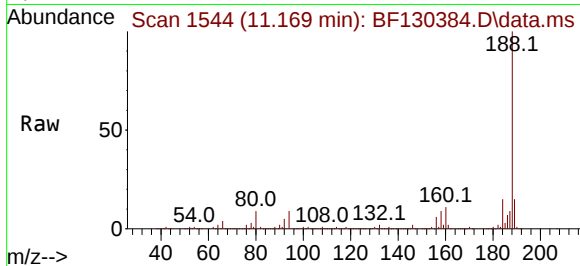
Tgt Ion:165 Resp: 21130
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.3 69.0 103.4#
182 0.0 1.9 2.9#



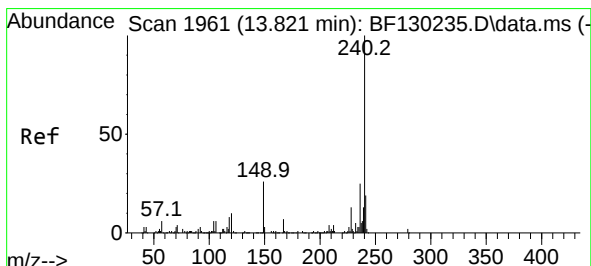
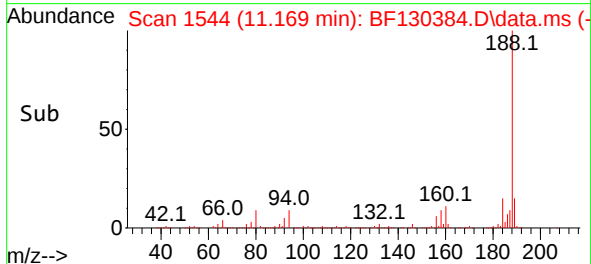
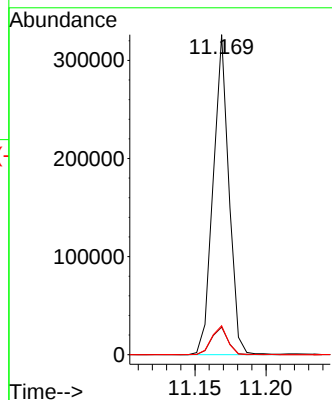


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130384.D
Acq: 22 Sep 2022 19:52

Instrument :
BNA_F
ClientSampleId :
EO-01-092122

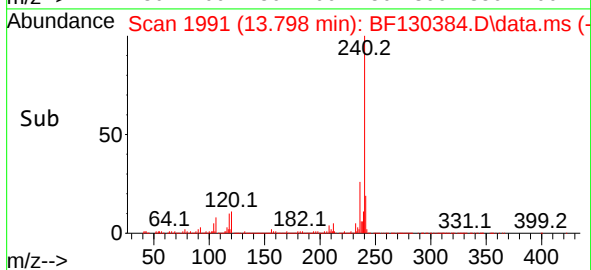
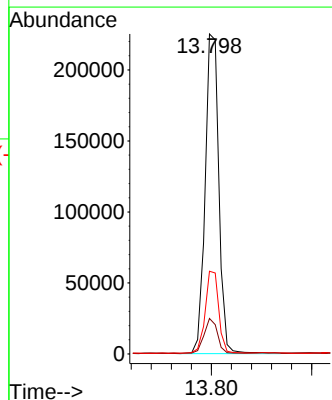
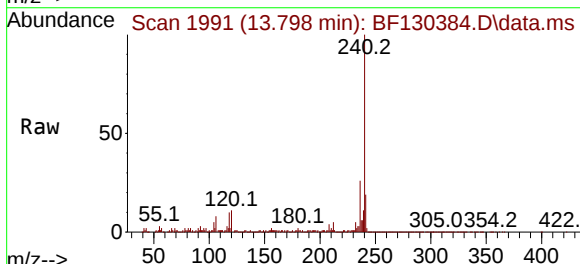


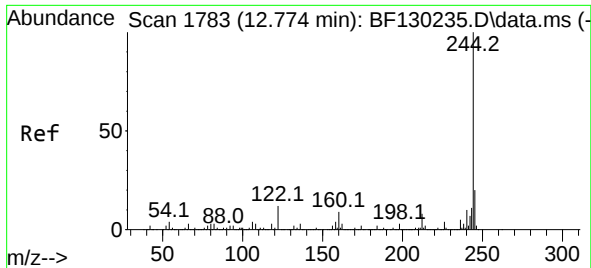
Tgt Ion:188 Resp: 251526
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130384.D
Acq: 22 Sep 2022 19:52

Tgt Ion:240 Resp: 214695
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
236 25.9 20.9 31.3

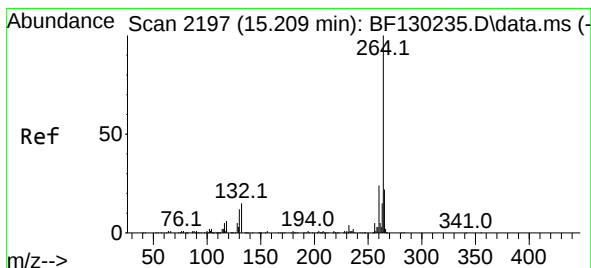
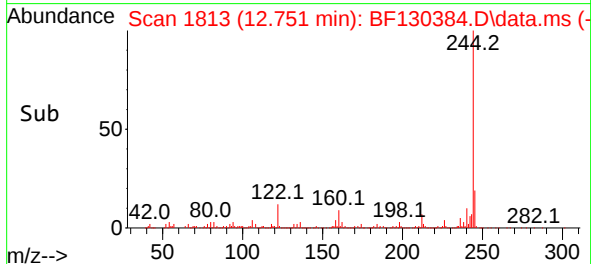
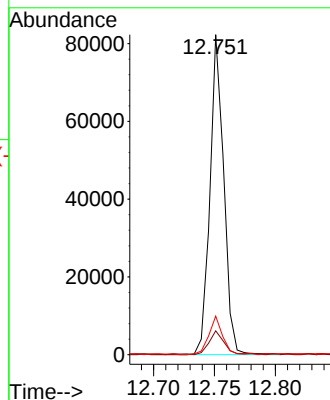
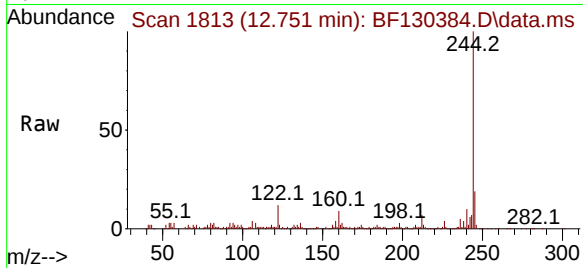




#79
 Terphenyl-d14
 Concen: 4.988 ng
 RT: 12.751 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130384.D
 Acq: 22 Sep 2022 19:52

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-092122

Tgt Ion:244 Resp: 64650
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.198 min Scan# 2229
 Delta R.T. 0.012 min
 Lab File: BF130384.D
 Acq: 22 Sep 2022 19:52

Tgt Ion:264 Resp: 167076
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.1 17.0 25.4

