

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
 Data File : BF132397.D
 Acq On : 10 Feb 2023 20:26
 Operator : CG\JU
 Sample : 01485-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EA-FILTERBAGS-0208

Quant Time: Feb 11 00:18:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 11 00:16:13 2023
 Response via : Initial Calibration

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

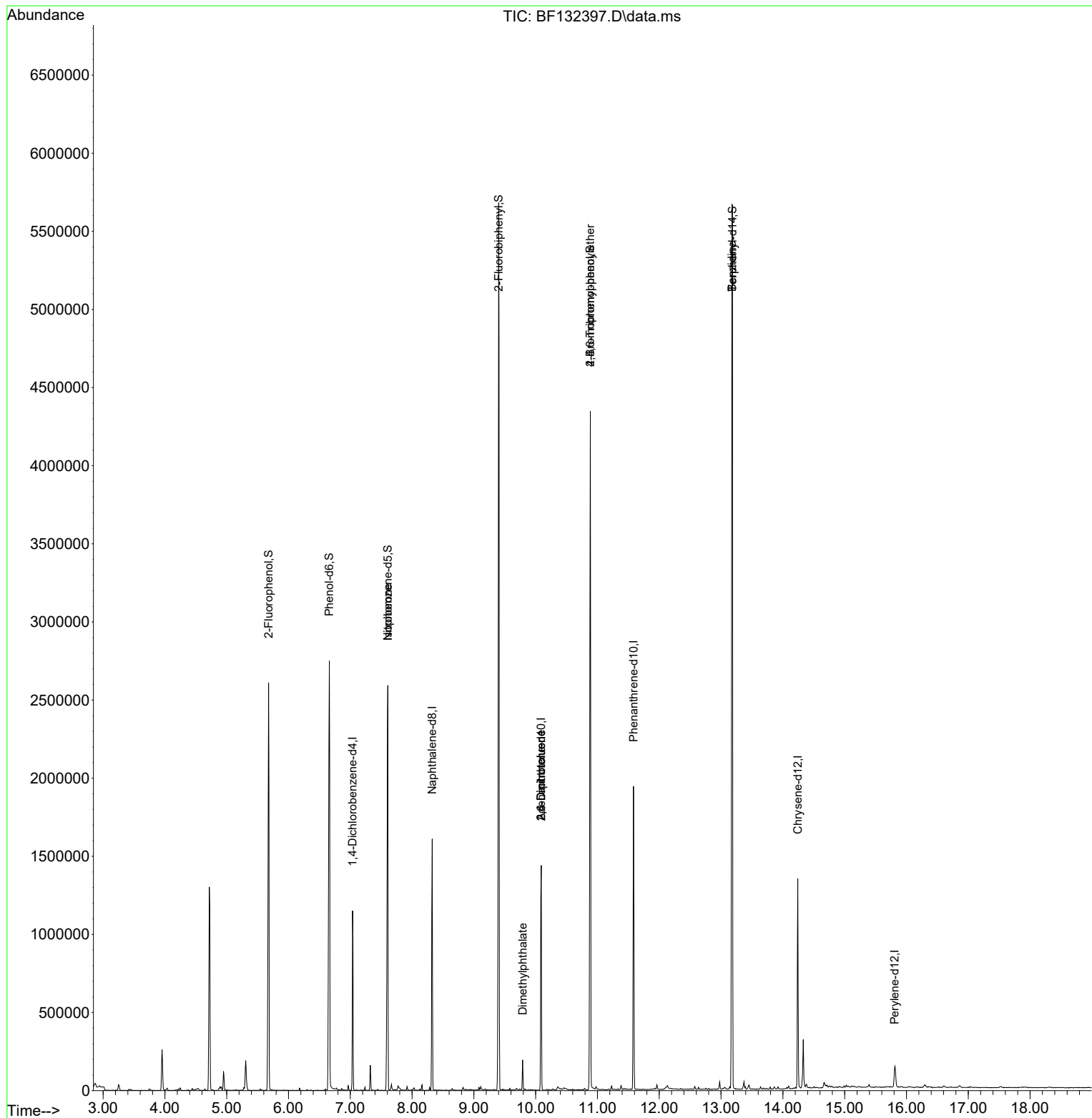
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.037	152	183433	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	687262	20.000	ng	# 0.00
39) Acenaphthene-d10	10.089	164	262676	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	647916	20.000	ng	0.00
76) Chrysene-d12	14.242	240	341883	20.000	ng	0.00
86) Perylene-d12	15.807	264	15946	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	956336	83.802	ng	0.02
7) Phenol-d6	6.660	99	1269639	90.243	ng	0.00
23) Nitrobenzene-d5	7.607	82	1014342	82.131	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	626839	232.054	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1906750	112.096	ng	0.00
79) Terphenyl-d14	13.183	244	2231924	126.284	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.596	77	77	Below Cal	#	6
25) Isophorone	7.607	82	1012217	43.181	ng	# 64
50) Dimethylphthalate	9.789	163	70786	3.852	ng	100
51) 2,6-Dinitrotoluene	10.089	165	33887	8.258	ng	# 26
57) 2,4-Dinitrotoluene	10.089	165	33887	6.357	ng	# 24
67) 4-Bromophenyl-phenylether	10.883	248	34997	5.275	ng	# 1
77) Benizidine	13.177	184	35675	2.985	ng	# 95

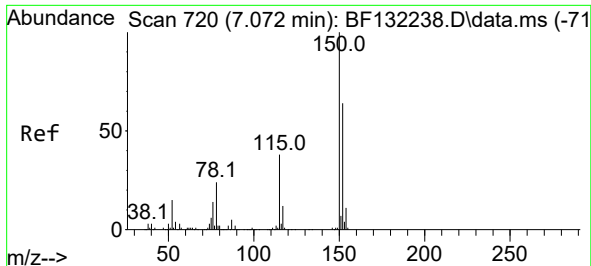
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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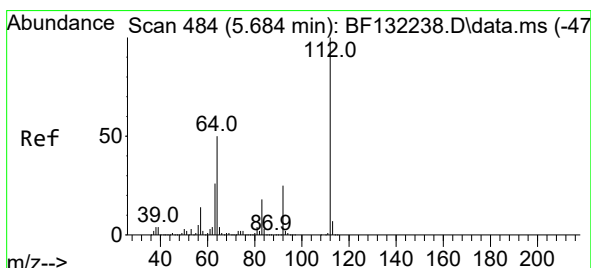
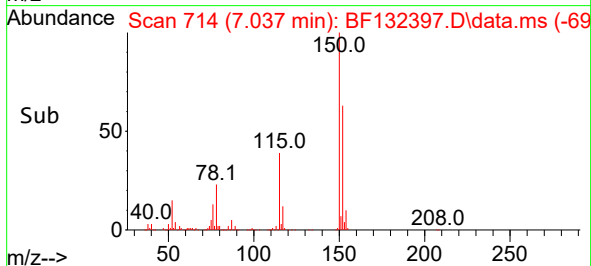
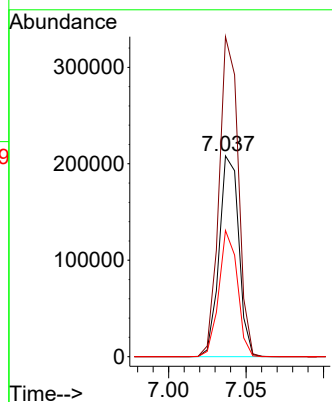
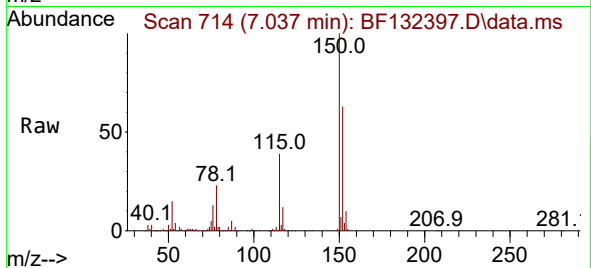




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.037 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132397.D
Acq: 10 Feb 2023 20:26

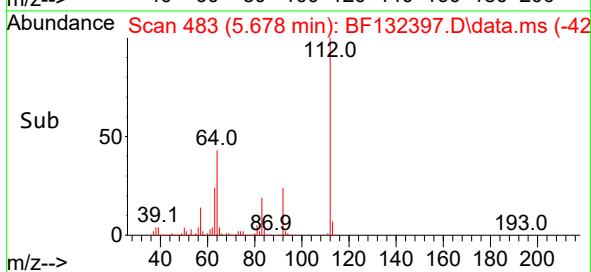
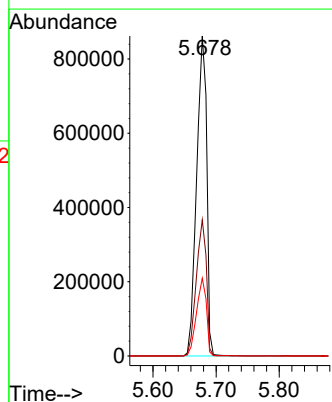
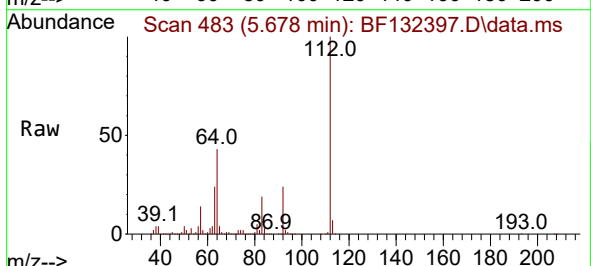
Instrument :
BNA_F
ClientSampleId :
EA-FILTERBAGS-0208

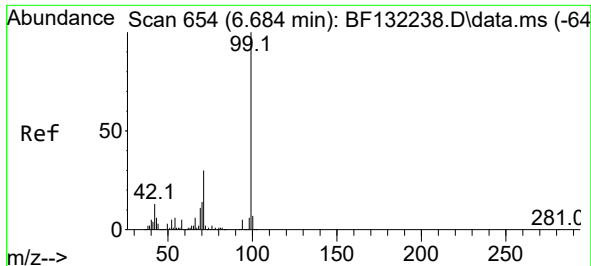
Tgt Ion:152 Resp: 183433
Ion Ratio Lower Upper
152 100
150 159.3 124.2 186.2
115 62.8 47.3 70.9



#5
2-Fluorophenol
Concen: 83.802 ng
RT: 5.678 min Scan# 483
Delta R.T. 0.024 min
Lab File: BF132397.D
Acq: 10 Feb 2023 20:26

Tgt Ion:112 Resp: 956336
Ion Ratio Lower Upper
112 100
64 42.6 40.0 60.0
63 24.3 20.5 30.7

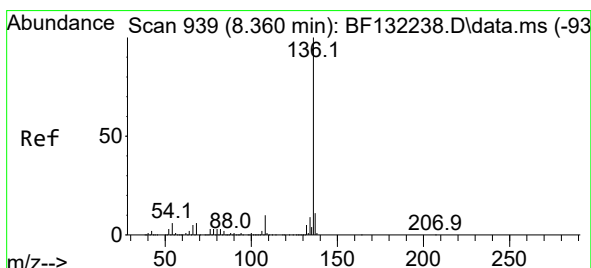
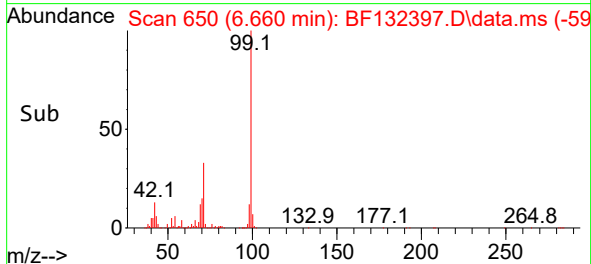
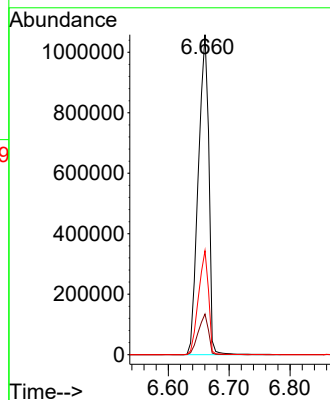
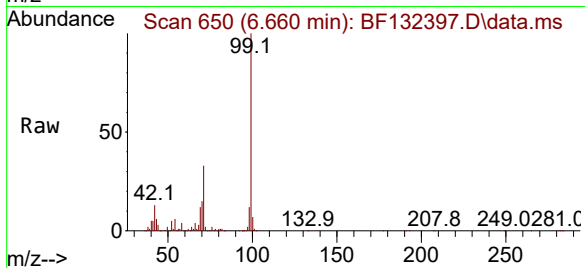




#7
Phenol-d6
Concen: 90.243 ng
RT: 6.660 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132397.D
Acq: 10 Feb 2023 20:26

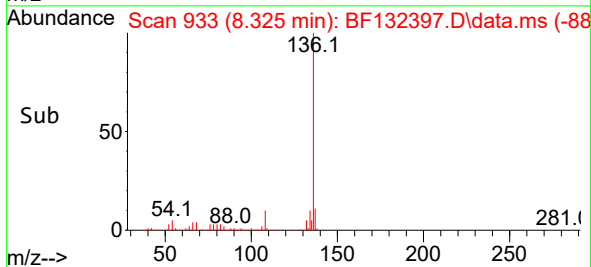
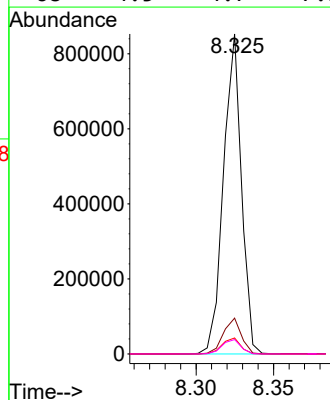
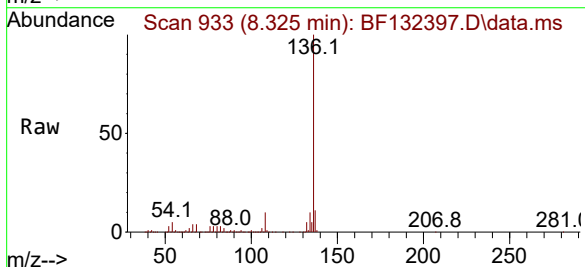
Instrument :
BNA_F
ClientSampleId :
EA-FILTERBAGS-0208

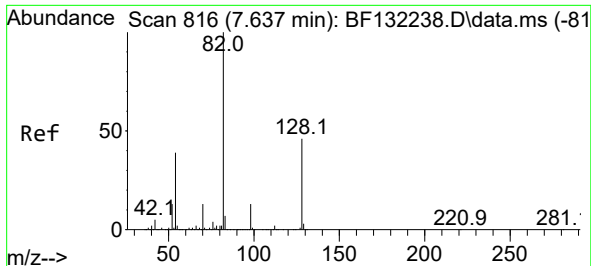
Tgt Ion: 99 Resp: 1269639
Ion Ratio Lower Upper
99 100
42 12.7 10.1 15.1
71 32.5 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.325 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF132397.D
Acq: 10 Feb 2023 20:26

Tgt Ion: 136 Resp: 687262
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.0 4.9 7.3
68 4.5 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 82.131 ng

RT: 7.607 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF132397.D

Acq: 10 Feb 2023 20:26

Instrument :

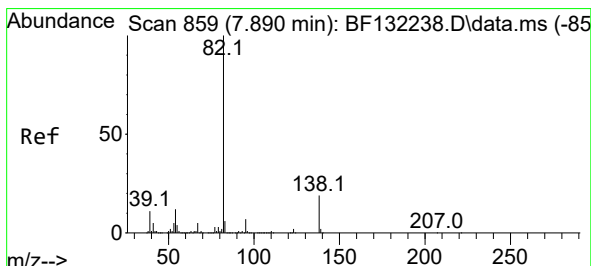
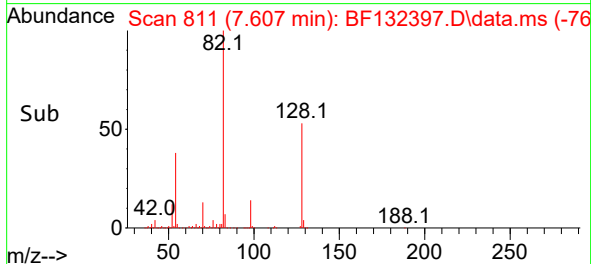
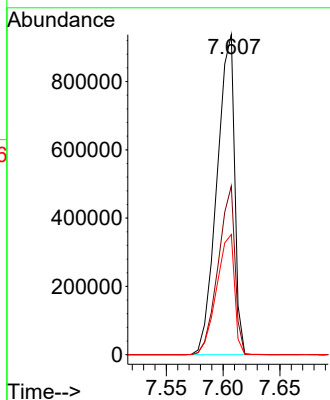
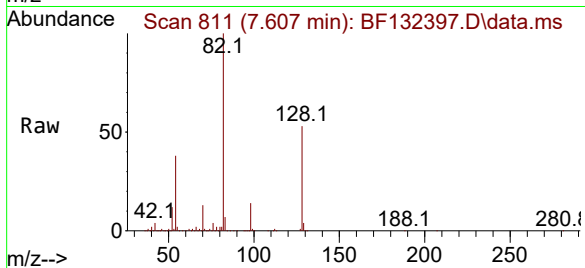
BNA_F

ClientSampleId :

EA-FILTERBAGS-0208

Tgt Ion: 82 Resp: 1014342

Ion	Ratio	Lower	Upper
82	100		
128	52.7	37.0	55.4
54	37.6	31.5	47.3



#25

Isophorone

Concen: 43.181 ng

RT: 7.607 min Scan# 811

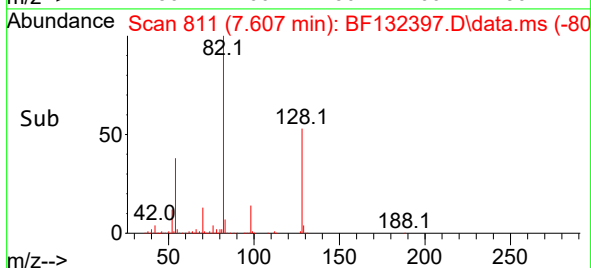
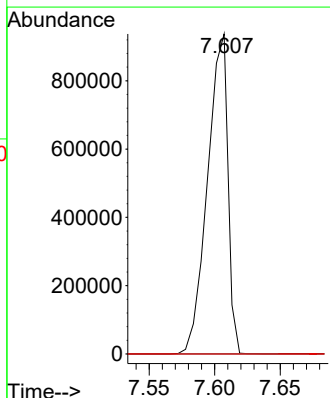
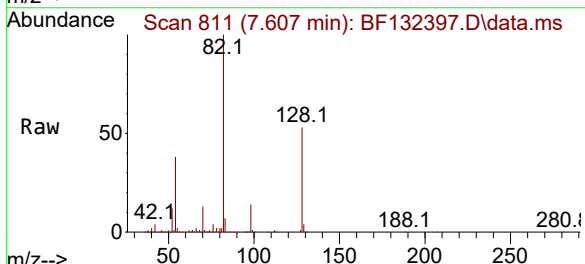
Delta R.T. -0.253 min

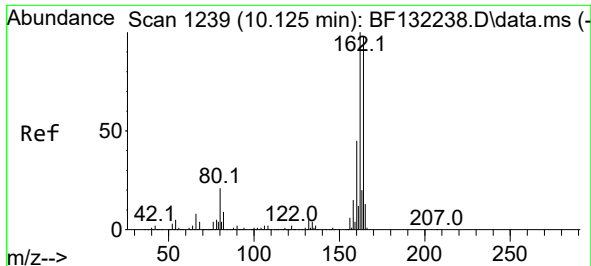
Lab File: BF132397.D

Acq: 10 Feb 2023 20:26

Tgt Ion: 82 Resp: 1012217

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.0	22.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.089 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132397.D

Acq: 10 Feb 2023 20:26

Instrument :

BNA_F

ClientSampleId :

EA-FILTERBAGS-0208

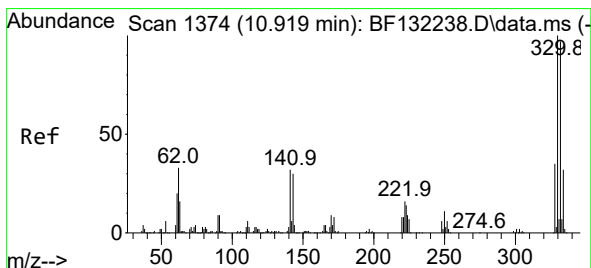
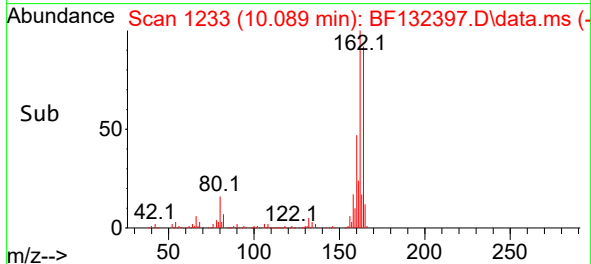
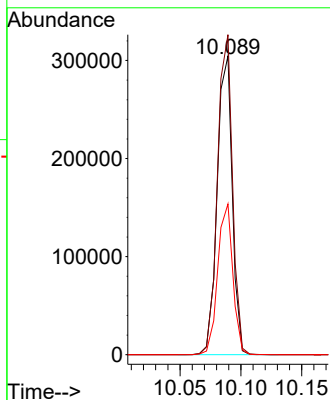
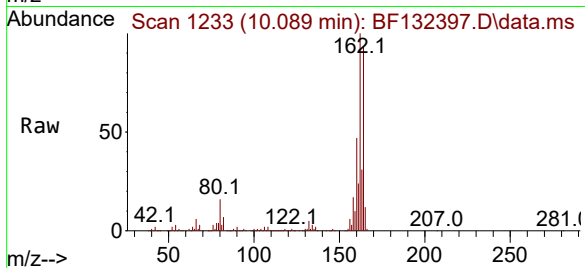
Tgt Ion:164 Resp: 262676

Ion Ratio Lower Upper

164 100

162 107.1 82.0 123.0

160 50.5 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 232.054 ng

RT: 10.883 min Scan# 1368

Delta R.T. 0.000 min

Lab File: BF132397.D

Acq: 10 Feb 2023 20:26

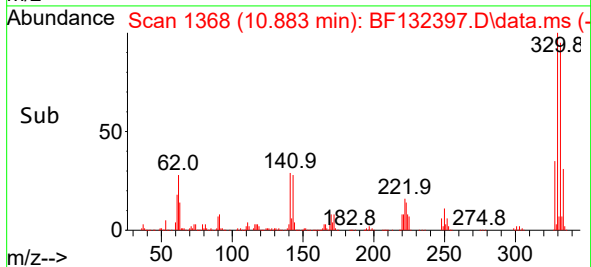
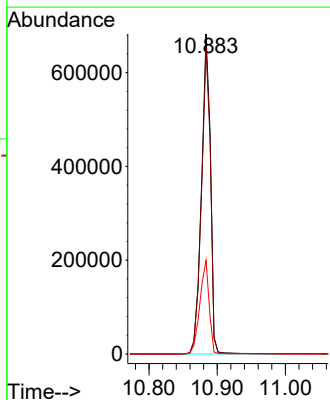
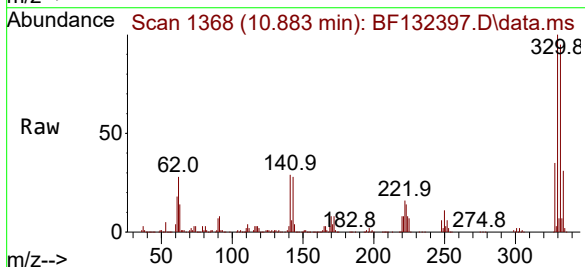
Tgt Ion:330 Resp: 626839

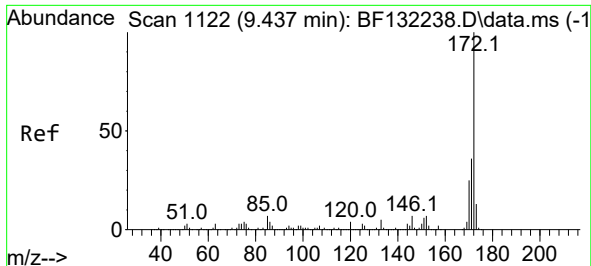
Ion Ratio Lower Upper

330 100

332 96.1 77.9 116.9

141 30.0 31.0 46.4#

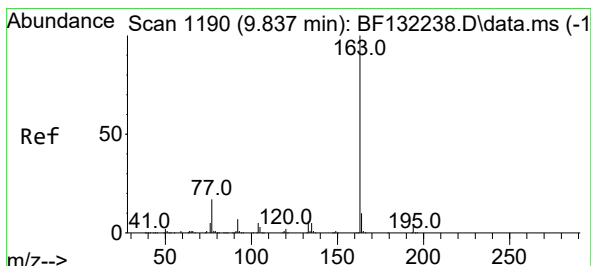
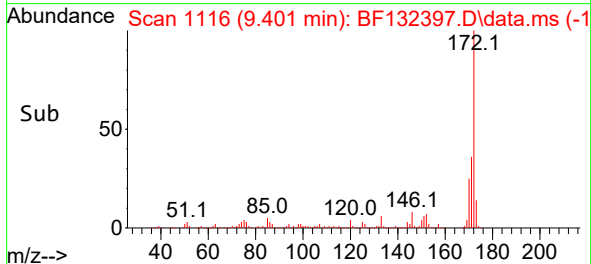
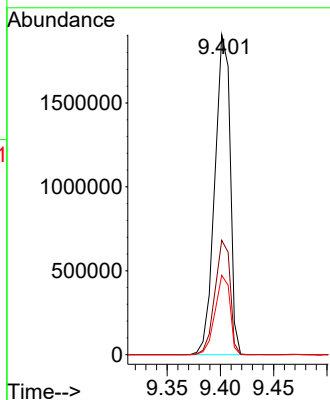
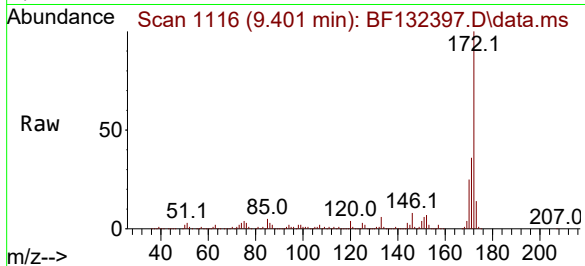




#45
2-Fluorobiphenyl
Concen: 112.096 ng
RT: 9.401 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132397.D
Acq: 10 Feb 2023 20:26

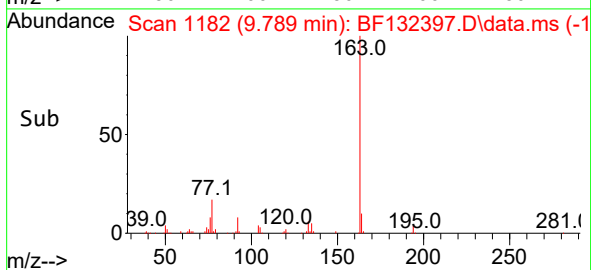
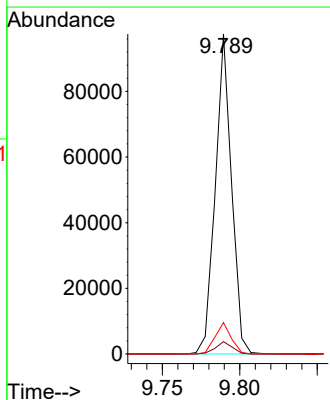
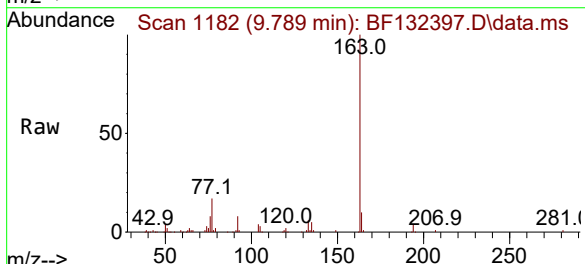
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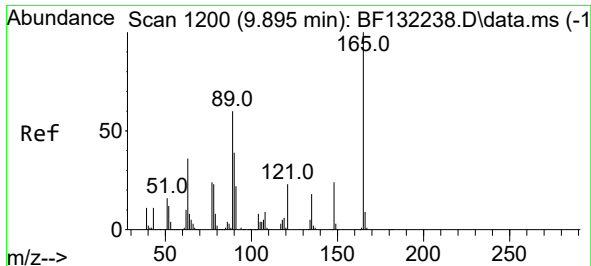
Tgt Ion:172 Resp: 1906750
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.8 19.7 29.5



#50
Dimethylphthalate
Concen: 3.852 ng
RT: 9.789 min Scan# 1182
Delta R.T. -0.018 min
Lab File: BF132397.D
Acq: 10 Feb 2023 20:26

Tgt Ion:163 Resp: 70786
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.8 7.9 11.9

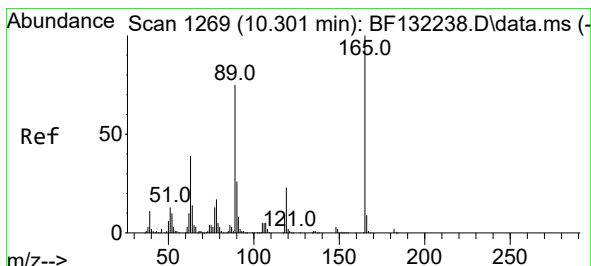
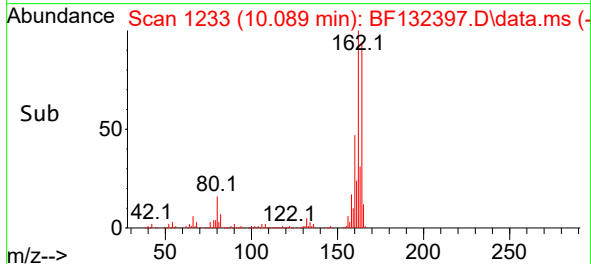
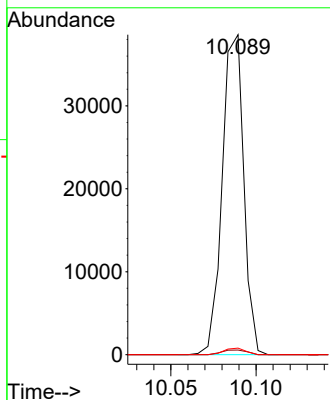
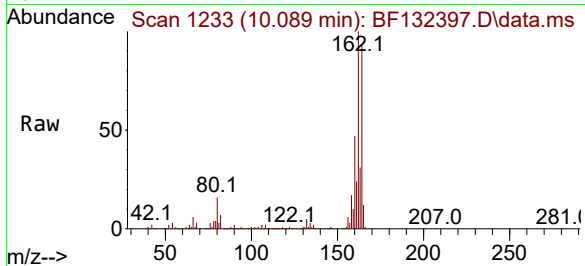




#51
2,6-Dinitrotoluene
Concen: 8.258 ng
RT: 10.089 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132397.D
Acq: 10 Feb 2023 20:26

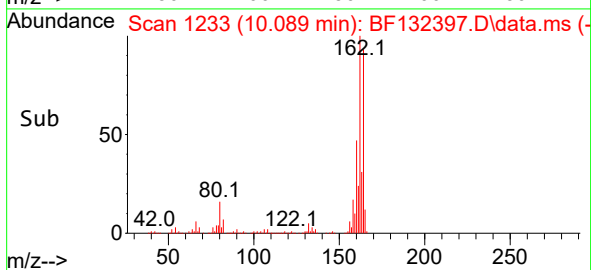
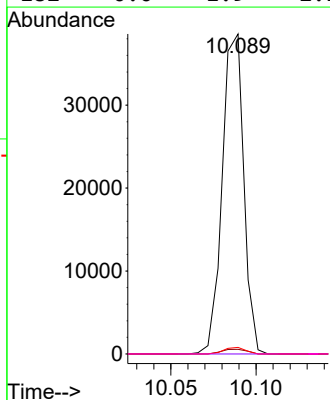
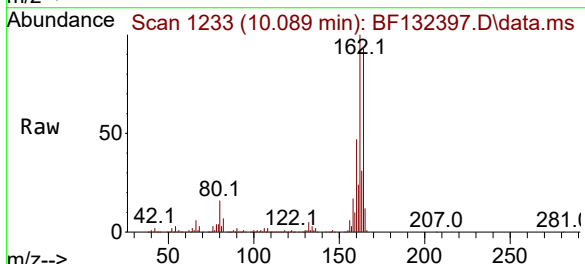
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BNA_F
ClientSampleId :
EA-FILTERBAGS-0208

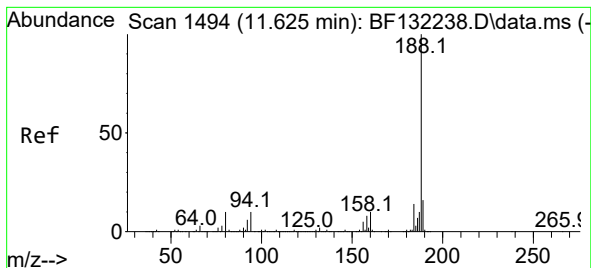
Tgt Ion:165 Resp: 33887
Ion Ratio Lower Upper
165 100
63 1.5 41.5 62.3#
89 2.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.357 ng
RT: 10.089 min Scan# 1233
Delta R.T. -0.182 min
Lab File: BF132397.D
Acq: 10 Feb 2023 20:26

Tgt Ion:165 Resp: 33887
Ion Ratio Lower Upper
165 100
63 1.5 30.9 46.3#
89 2.1 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.583 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF132397.D

Acq: 10 Feb 2023 20:26

Instrument :

BNA_F

ClientSampleId :

EA-FILTERBAGS-0208

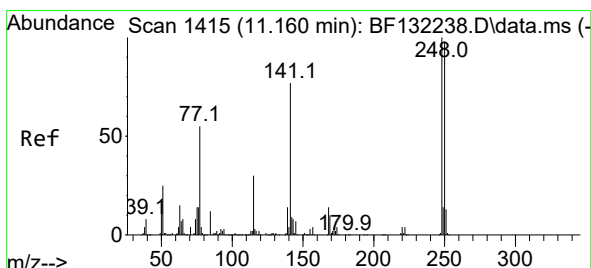
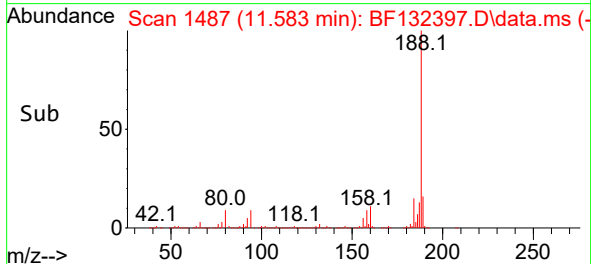
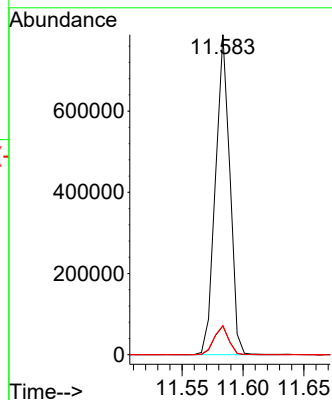
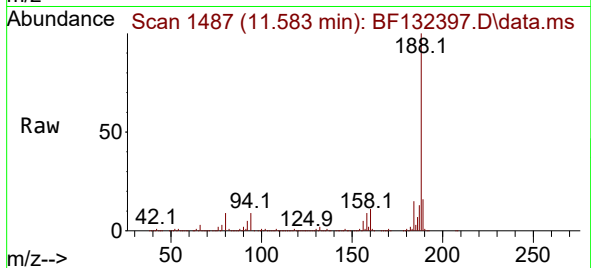
Tgt Ion:188 Resp: 647916

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

80 9.1 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.275 ng

RT: 10.883 min Scan# 1368

Delta R.T. -0.241 min

Lab File: BF132397.D

Acq: 10 Feb 2023 20:26

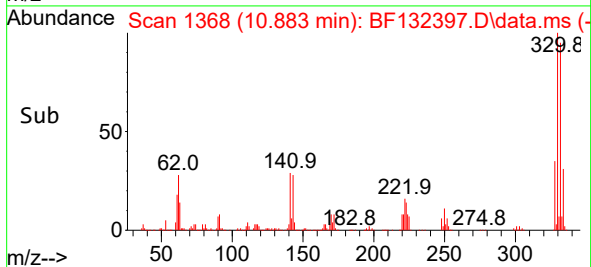
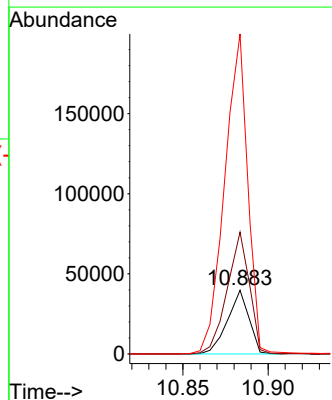
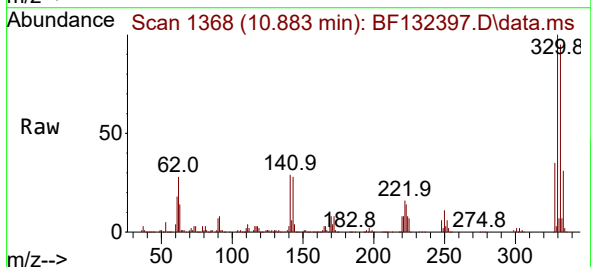
Tgt Ion:248 Resp: 34997

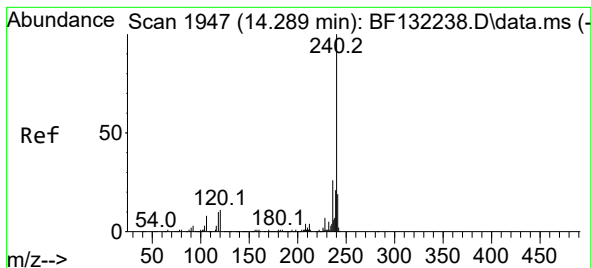
Ion Ratio Lower Upper

248 100

250 191.3 78.6 117.8#

141 501.9 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.242 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BF132397.D

Acq: 10 Feb 2023 20:26

Instrument :

BNA_F

ClientSampleId :

EA-FILTERBAGS-0208

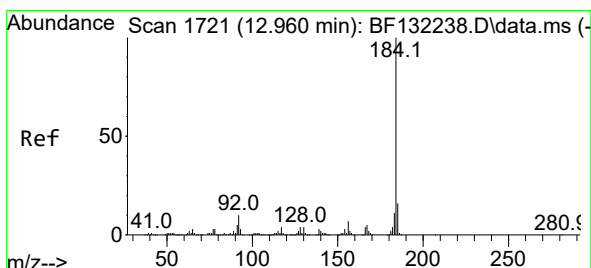
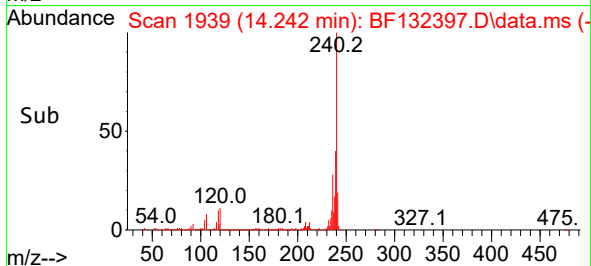
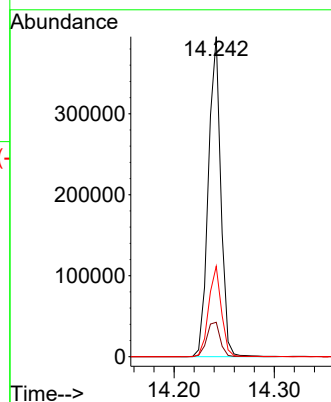
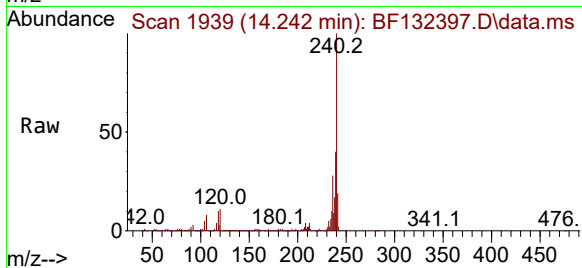
Tgt Ion:240 Resp: 341883

Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

236 28.3 21.0 31.6



#77

Benzidine

Concen: 2.985 ng

RT: 13.177 min Scan# 1758

Delta R.T. 0.247 min

Lab File: BF132397.D

Acq: 10 Feb 2023 20:26

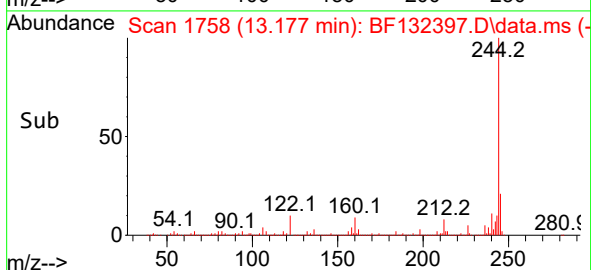
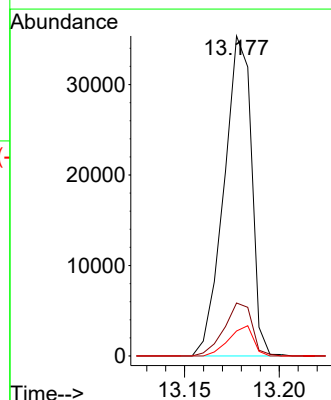
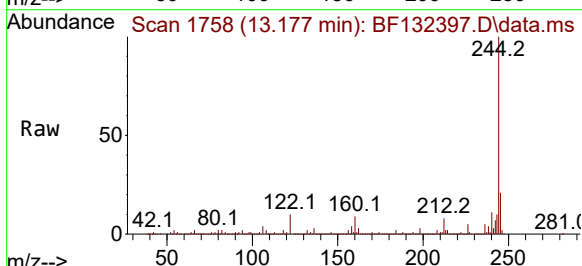
Tgt Ion:184 Resp: 35675

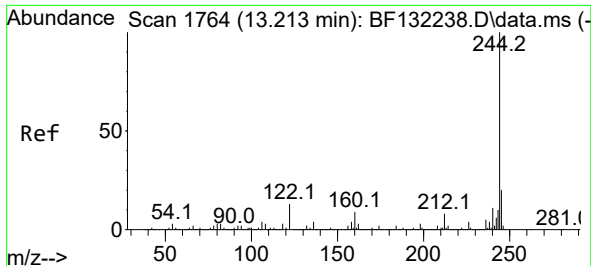
Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

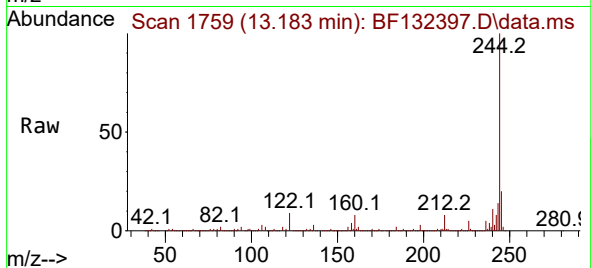
183 7.8 8.9 13.3#



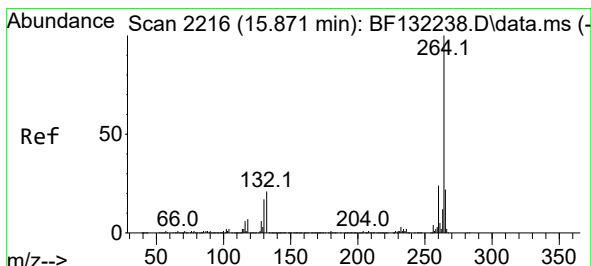
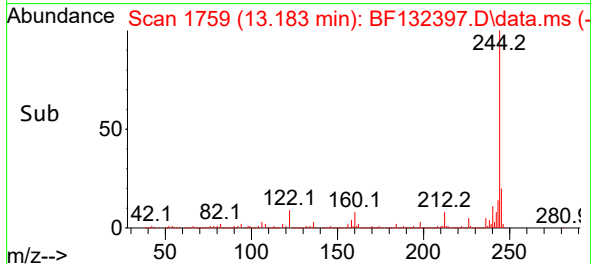
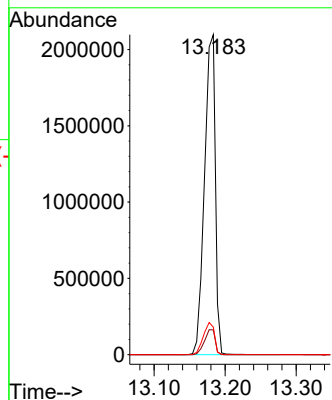


#79
 Terphenyl-d14
 Concen: 126.284 ng
 RT: 13.183 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF132397.D
 Acq: 10 Feb 2023 20:26

Instrument :
 BNA_F
 ClientSampleId :
 EA-FILTERBAGS-0208



Tgt Ion:244 Resp: 2231924
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 8.6 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.807 min Scan# 2205
 Delta R.T. -0.012 min
 Lab File: BF132397.D
 Acq: 10 Feb 2023 20:26

Tgt Ion:264 Resp: 15946
 Ion Ratio Lower Upper
 264 100
 260 70.2 19.0 28.4#
 265 21.9 17.4 26.2

