

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136392.D
 Acq On : 04 Dec 2023 20:37
 Operator : CG\JU
 Sample : 05586-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:37:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

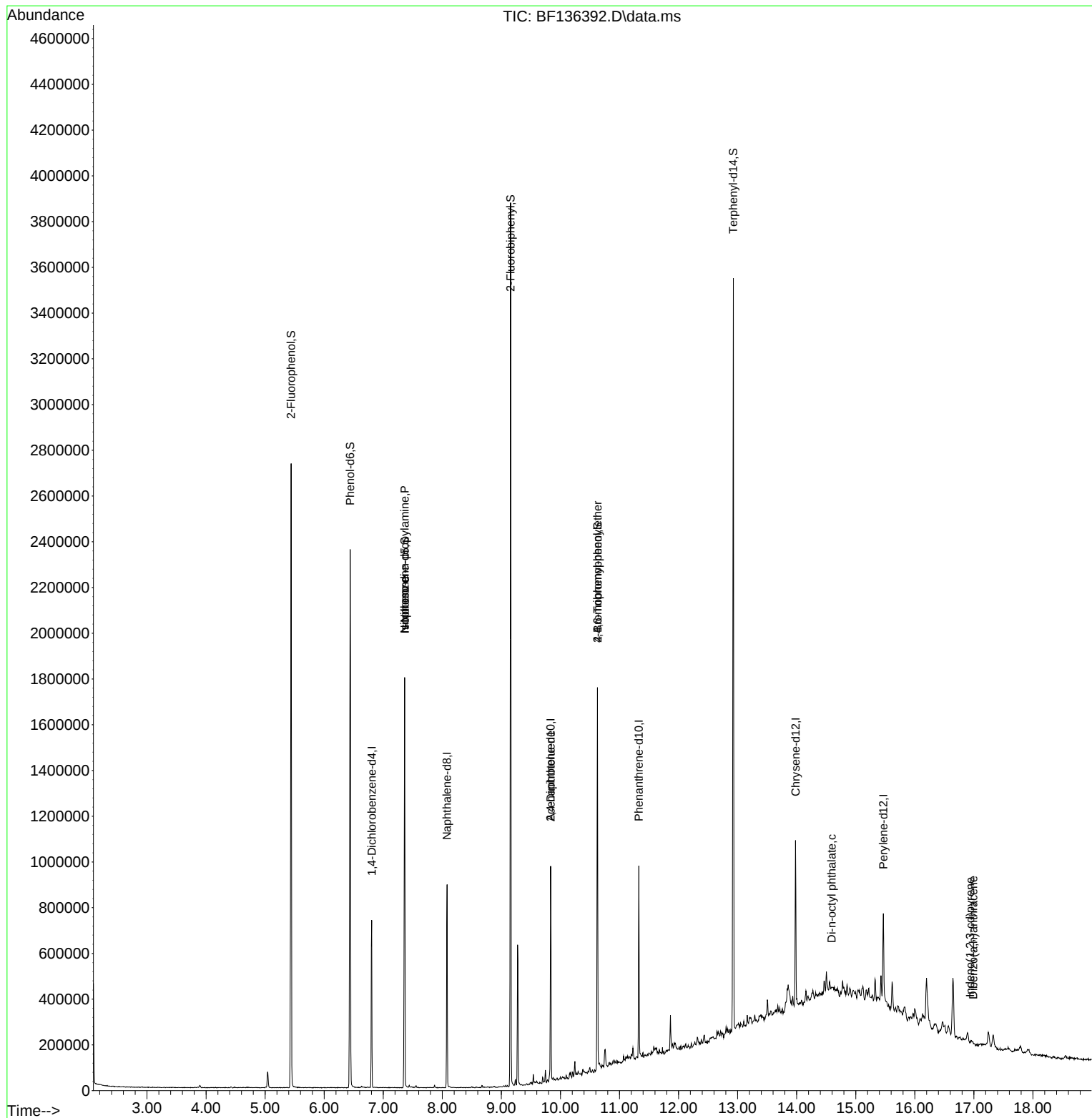
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	101936	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	385785	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	176657	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	283865	20.000	ng	0.00
76) Chrysene-d12	13.980	240	243191	20.000	ng	0.00
86) Perylene-d12	15.468	264	190815	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	744932	101.714	ng	0.00
7) Phenol-d6	6.439	99	933413	101.930	ng	0.00
23) Nitrobenzene-d5	7.363	82	560033	76.711	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	200005	92.604	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1142620	82.616	ng	0.00
79) Terphenyl-d14	12.927	244	1173453	55.658	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	72973	13.324	ng	# 74
25) Isophorone	7.363	82	555890	42.228	ng	# 68
57) 2,4-Dinitrotoluene	9.833	165	23819	6.537	ng	# 27
67) 4-Bromophenyl-phenylether	10.627	248	11823	3.570	ng	# 1
85) Di-n-octyl phthalate	14.592	149	721	5.202	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.939	276	240	2.695	ng	# 21
91) Dibenzo(a,h)anthracene	16.992	278	282	2.737	ng	# 1

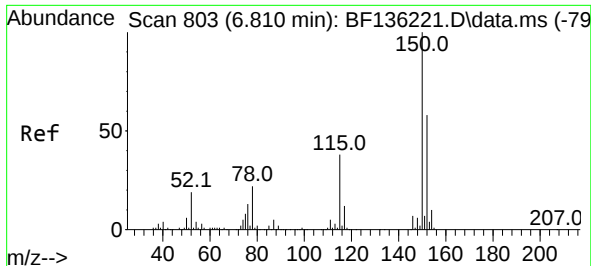
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
Data File : BF136392.D
Acq On : 04 Dec 2023 20:37
Operator : CG\JU
Sample : 05586-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

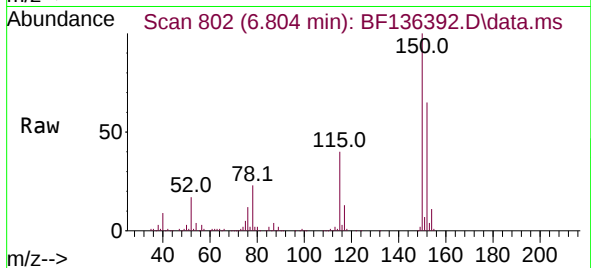
Quant Time: Dec 05 00:37:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:30:53 2023
Response via : Initial Calibration



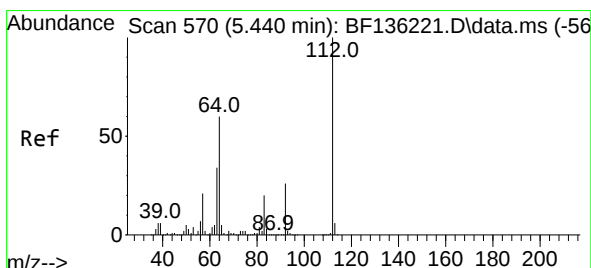
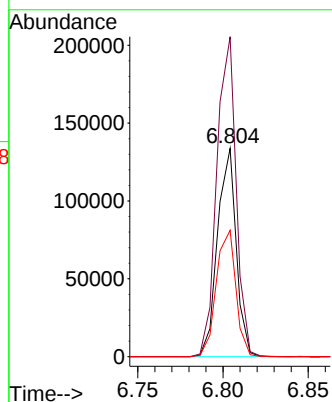
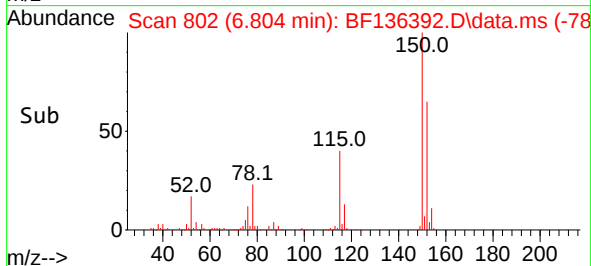


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 803
 Delta R.T. 0.000 min
 Lab File: BF136392.D
 Acq: 04 Dec 2023 20:37

Instrument :
 BNA_F
 ClientSampleId :

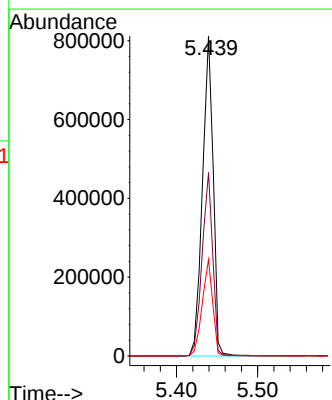
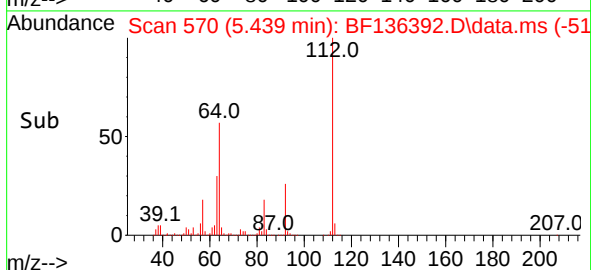
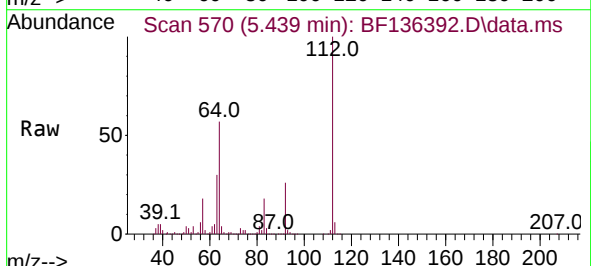


Tgt Ion:152 Resp: 101936
 Ion Ratio Lower Upper
 152 100
 150 153.6 137.8 206.8
 115 60.7 52.7 79.1



#5
 2-Fluorophenol
 Concen: 101.714 ng
 RT: 5.439 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: BF136392.D
 Acq: 04 Dec 2023 20:37

Tgt Ion:112 Resp: 744932
 Ion Ratio Lower Upper
 112 100
 64 57.3 48.2 72.4
 63 30.2 27.0 40.6

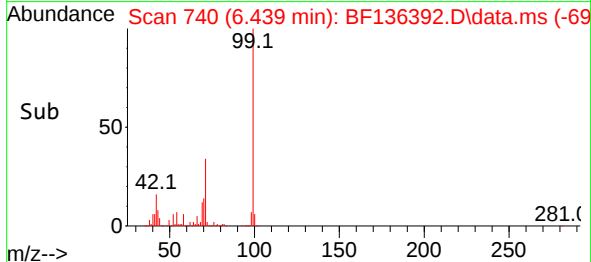
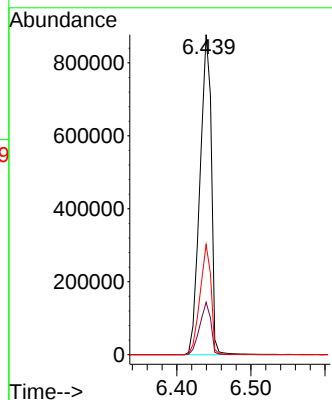
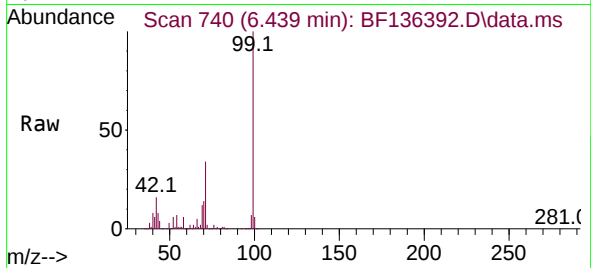




#7
Phenol-d6
Concen: 101.930 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

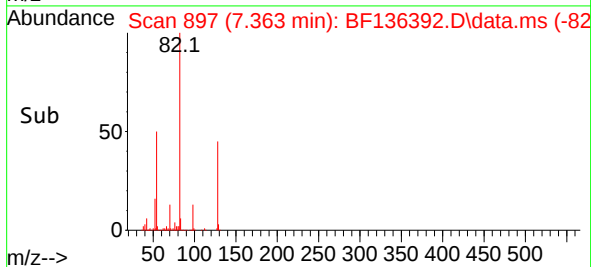
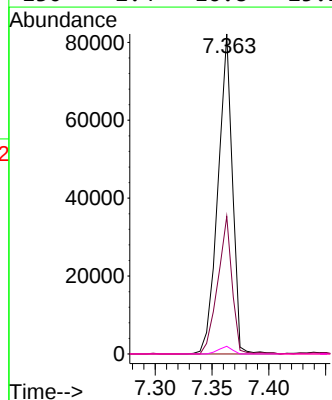
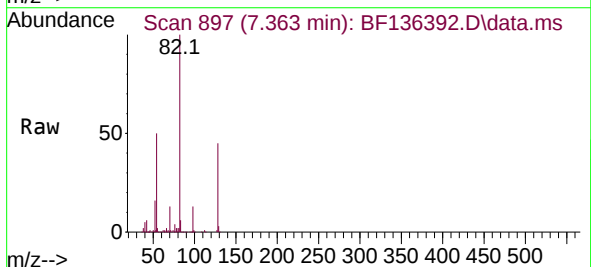
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 933413
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.6
71 34.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.324 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

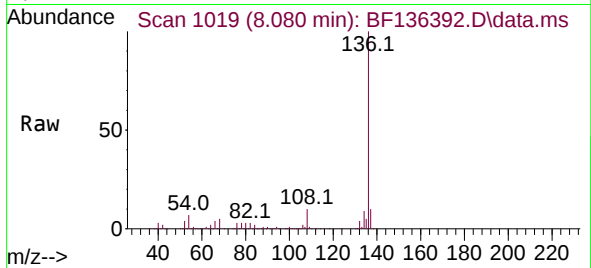
Tgt Ion: 70 Resp: 72973
Ion Ratio Lower Upper
70 100
42 43.0 47.0 70.4#
101 0.0 7.8 11.8#
130 2.4 16.8 25.2#



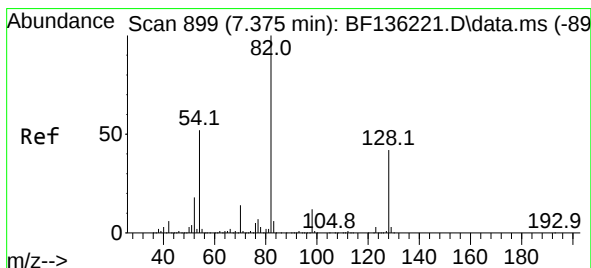
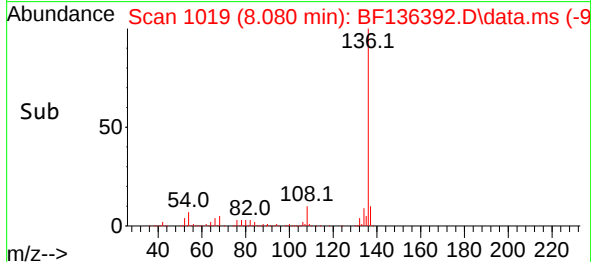
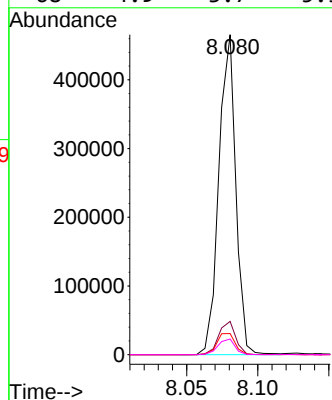


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

Instrument :
BNA_F
ClientSampleId :

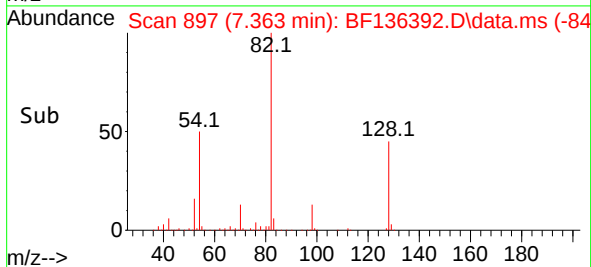
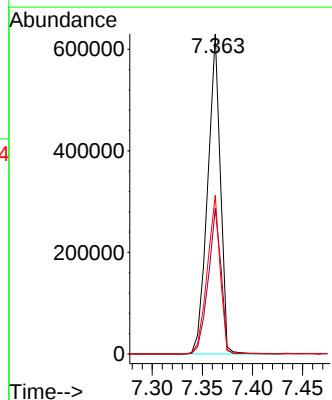
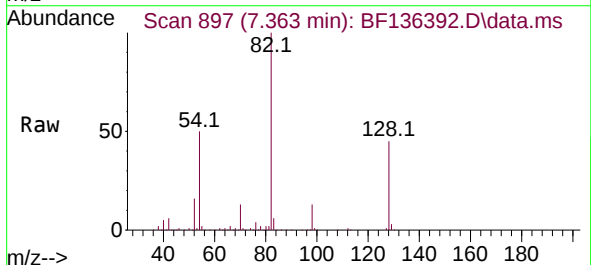


Tgt Ion:136 Resp: 385785
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.2
54 6.6 5.5 8.3
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 76.711 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

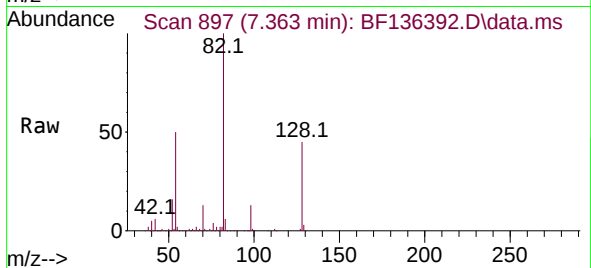
Tgt Ion: 82 Resp: 560033
Ion Ratio Lower Upper
82 100
128 45.5 33.4 50.2
54 49.6 41.7 62.5



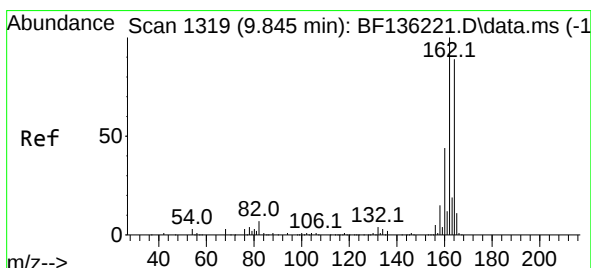
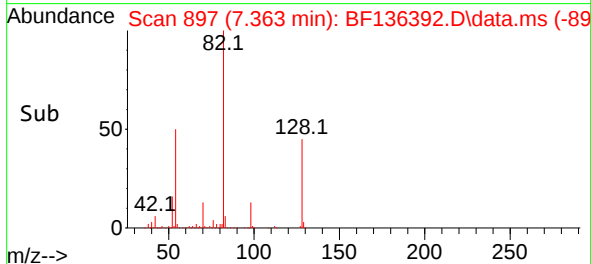
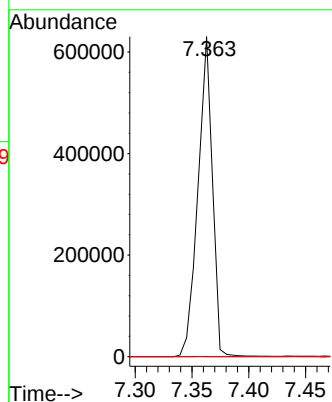


#25
Isophorone
Concen: 42.228 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

Instrument :
BNA_F
ClientSampleId :

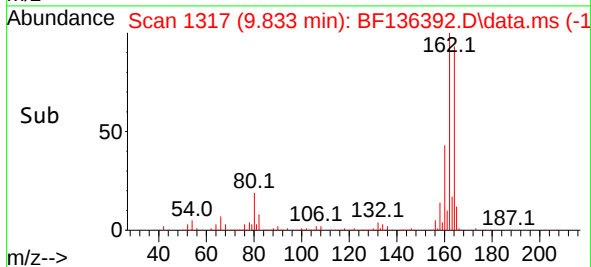
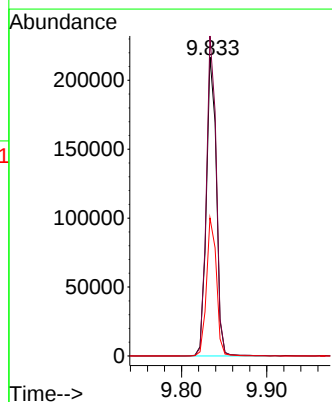
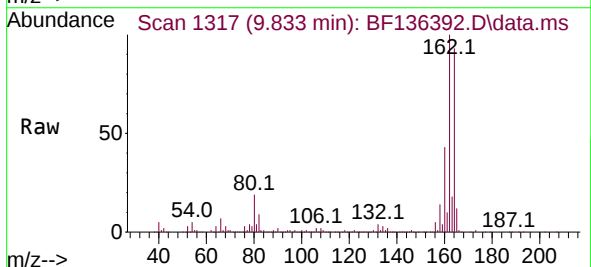


Tgt Ion: 82 Resp: 555890
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

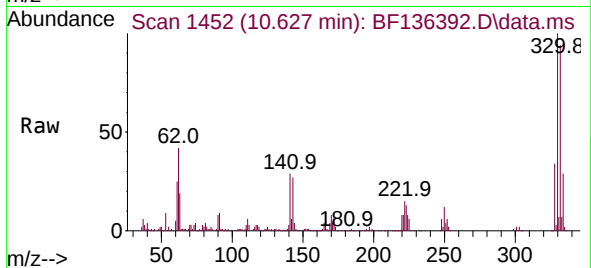
Tgt Ion: 164 Resp: 176657
Ion Ratio Lower Upper
164 100
162 107.0 89.5 134.3
160 46.2 39.6 59.4



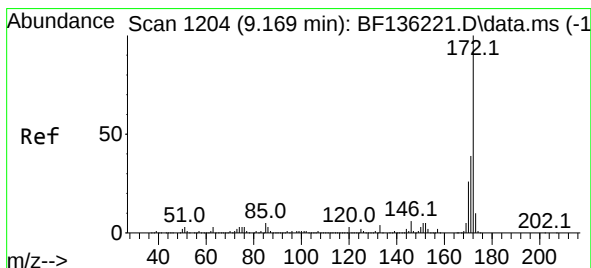
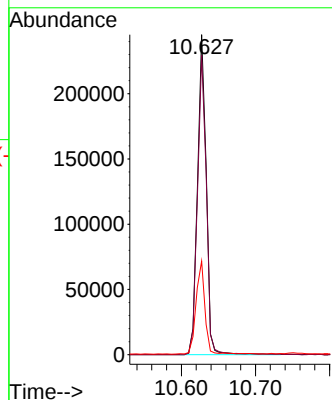
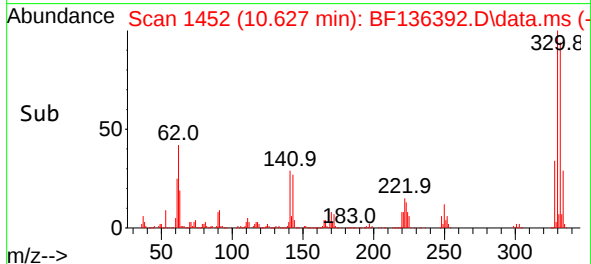


#42
2,4,6-Tribromophenol
Concen: 92.604 ng
RT: 10.627 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

Instrument :
BNA_F
ClientSampleId :

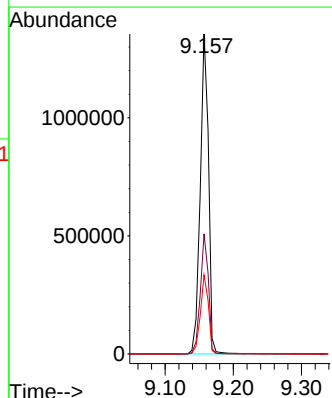
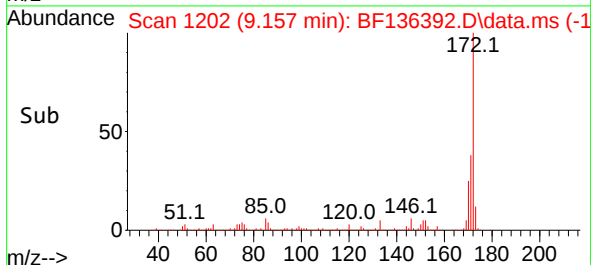
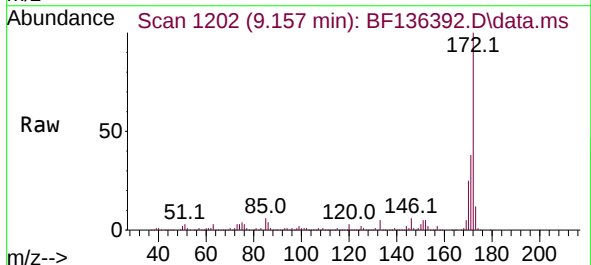


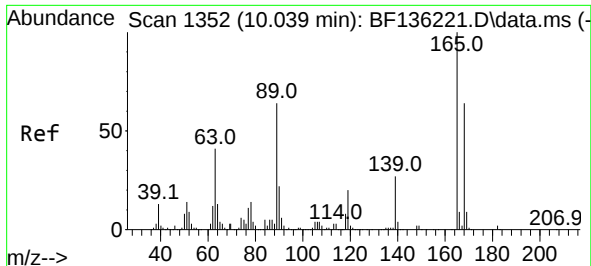
Tgt Ion:330 Resp: 200005
Ion Ratio Lower Upper
330 100
332 95.4 73.0 109.6
141 29.5 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 82.616 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

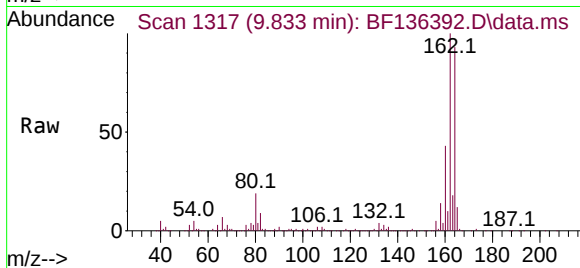
Tgt Ion:172 Resp: 1142620
Ion Ratio Lower Upper
172 100
171 37.5 31.5 47.3
170 24.7 20.8 31.2



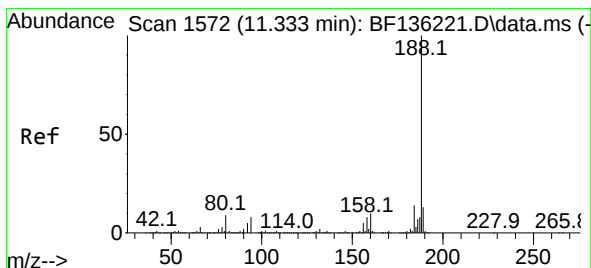
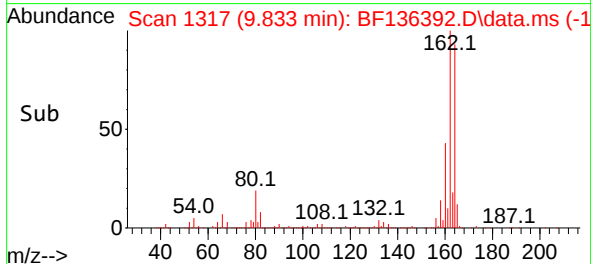
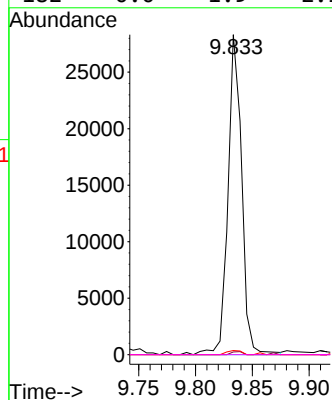


#57
2,4-Dinitrotoluene
Concen: 6.537 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

Instrument :
BNA_F
ClientSampleId :

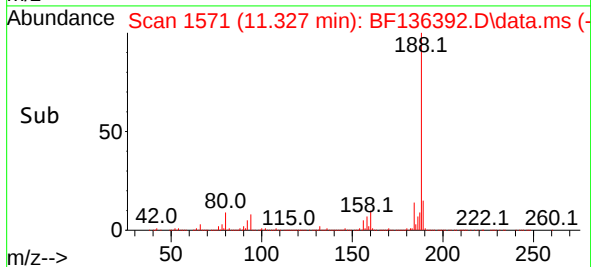
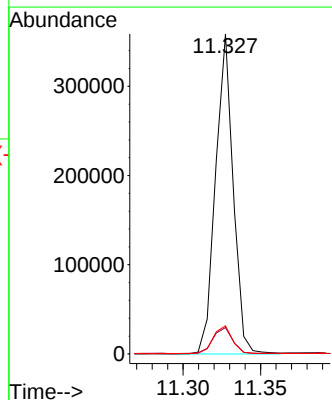
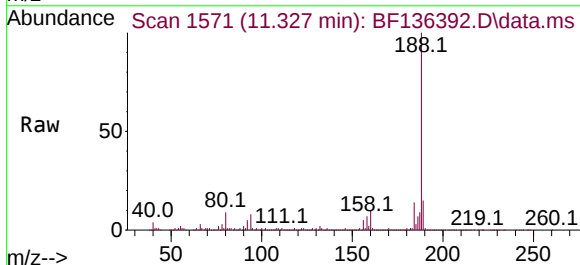


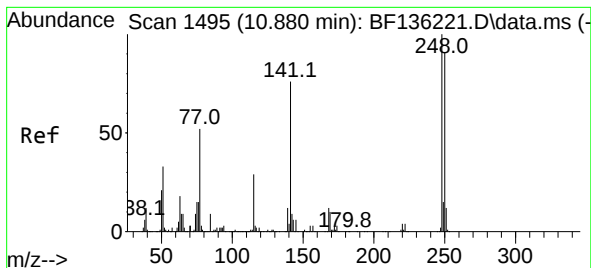
Tgt Ion:165 Resp: 23819
Ion Ratio Lower Upper
165 100
63 0.8 33.0 49.4#
89 1.3 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

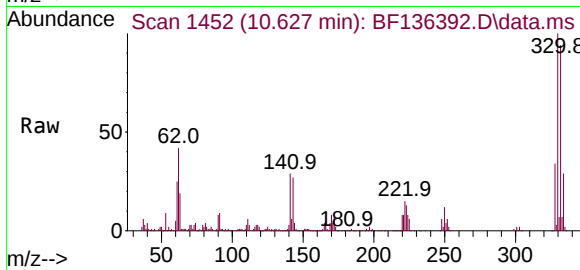
Tgt Ion:188 Resp: 283865
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.8 7.2 10.8



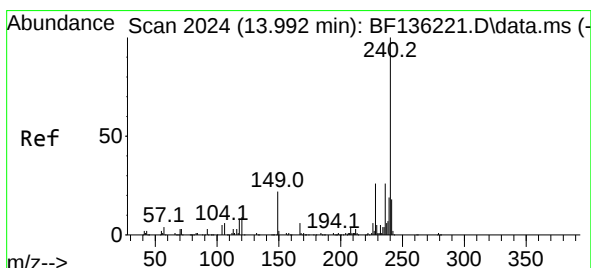
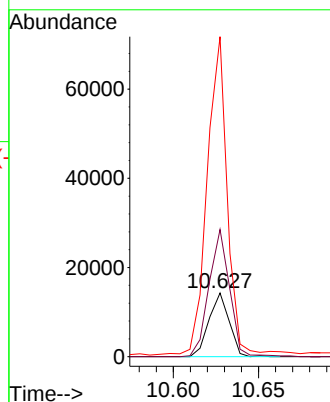
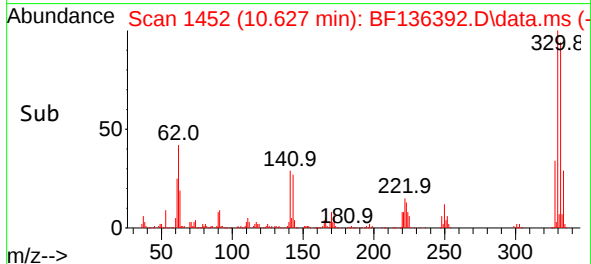


#67
4-Bromophenyl-phenylether
Concen: 3.570 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

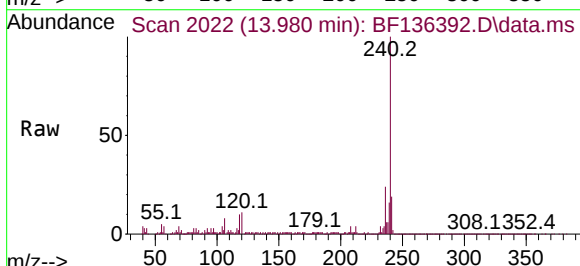
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BNA_F
ClientSampleId :



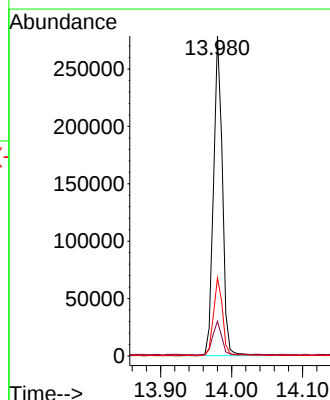
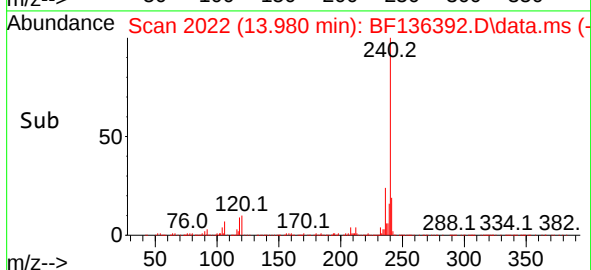
Tgt Ion:248 Resp: 11823
Ion Ratio Lower Upper
248 100
250 200.0 72.5 108.7#
141 503.0 60.8 91.2#

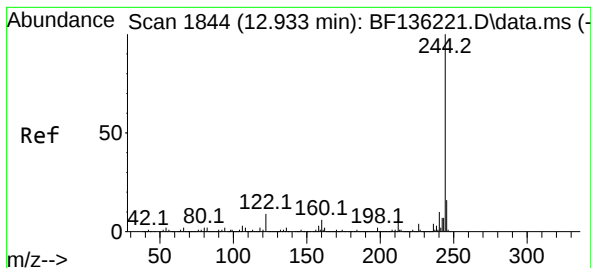


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37



Tgt Ion:240 Resp: 243191
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.2
236 24.4 21.1 31.7





#79

Terphenyl-d14

Concen: 55.658 ng

RT: 12.927 min Scan# 1173453

Delta R.T. 0.000 min

Lab File: BF136392.D

Acq: 04 Dec 2023 20:37

Instrument :

BNA_F

ClientSampleId :

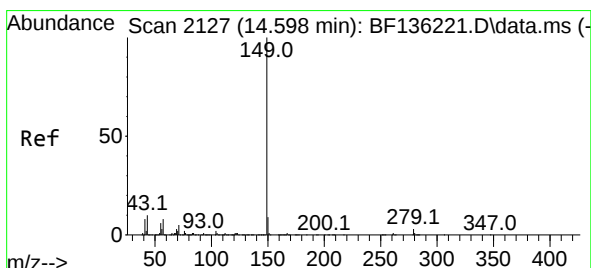
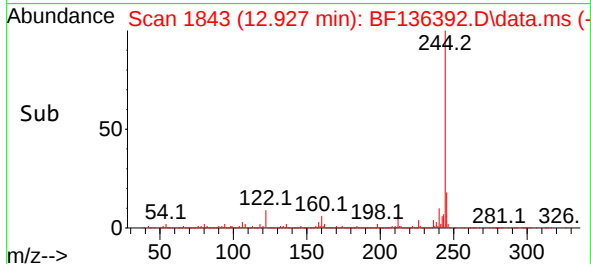
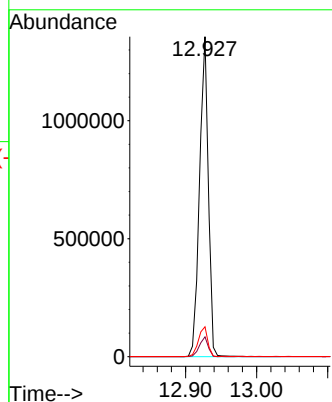
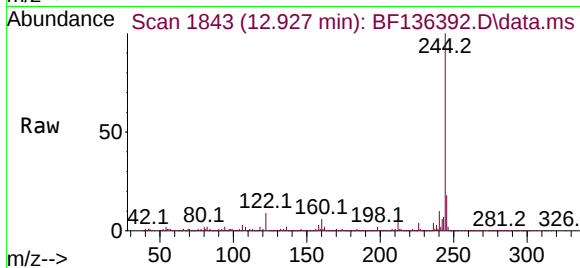
Tgt Ion:244 Resp: 1173453

Ion Ratio Lower Upper

244 100

212 6.2 4.6 7.0

122 9.4 7.3 10.9



#85

Di-n-octyl phthalate

Concen: 5.202 ng

RT: 14.592 min Scan# 2126

Delta R.T. 0.006 min

Lab File: BF136392.D

Acq: 04 Dec 2023 20:37

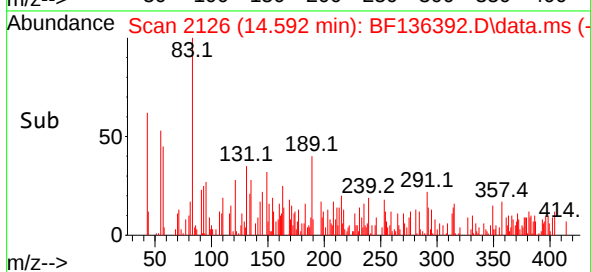
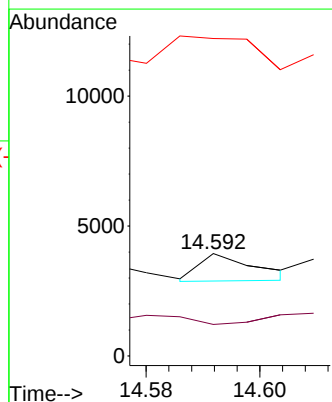
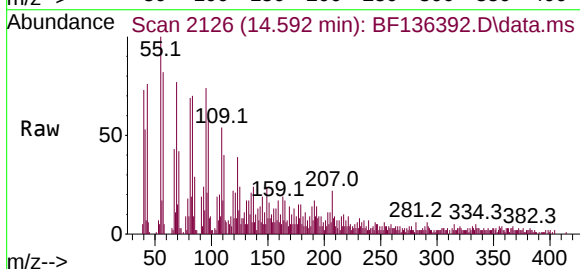
Tgt Ion:149 Resp: 721

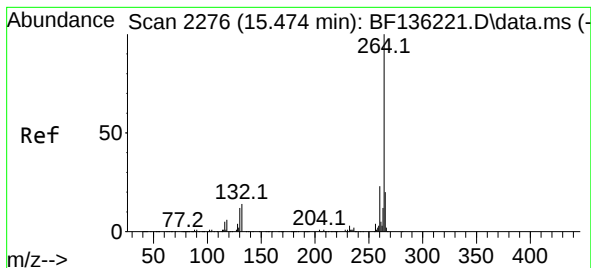
Ion Ratio Lower Upper

149 100

167 31.9 1.0 1.6#

43 297.4 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136392.D

Acq: 04 Dec 2023 20:37

Instrument :

BNA_F

ClientSampleId :

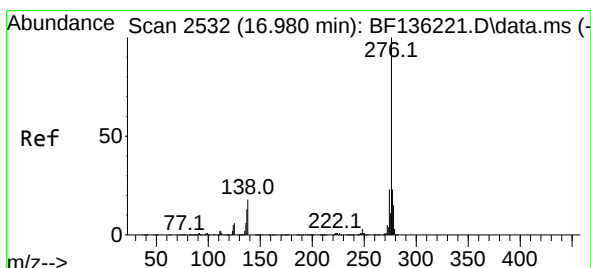
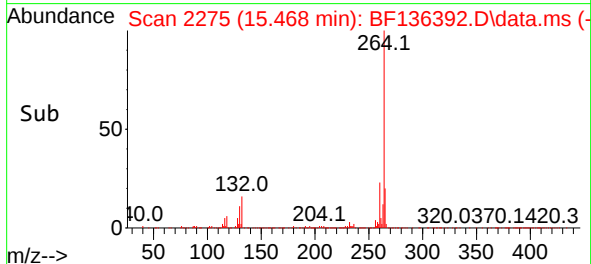
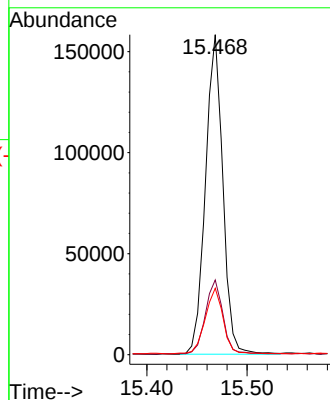
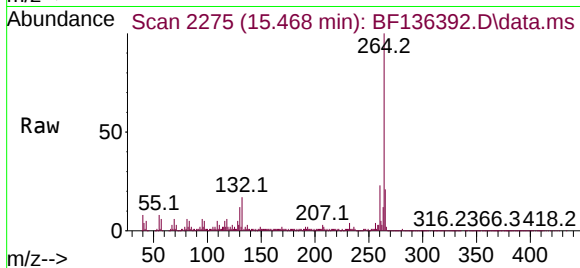
Tgt Ion:264 Resp: 190815

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 20.8 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.695 ng

RT: 16.939 min Scan# 2525

Delta R.T. -0.023 min

Lab File: BF136392.D

Acq: 04 Dec 2023 20:37

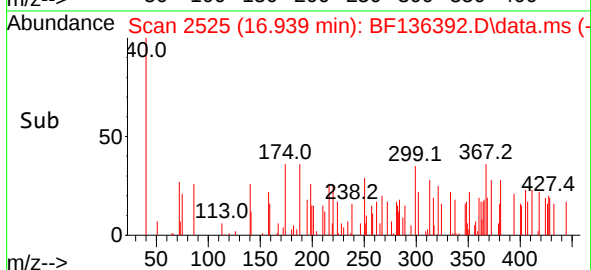
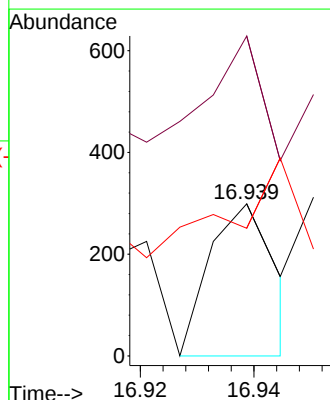
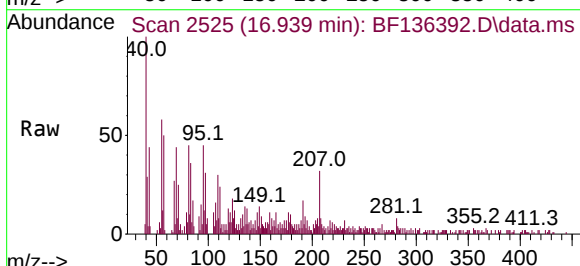
Tgt Ion:276 Resp: 240

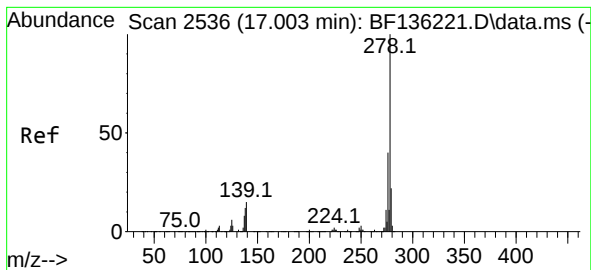
Ion Ratio Lower Upper

276 100

138 82.1 17.7 26.5#

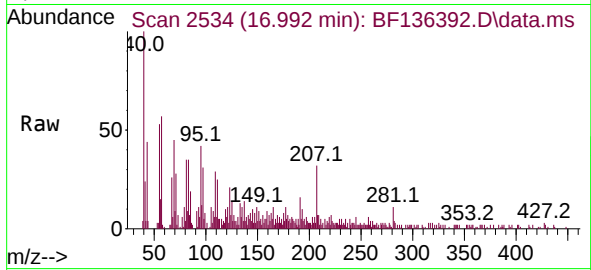
277 42.5 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 2.737 ng
 RT: 16.992 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136392.D
 Acq: 04 Dec 2023 20:37

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:278 Resp: 282

Ion	Ratio	Lower	Upper
278	100		
139	250.8	11.7	17.5#
279	117.4	17.8	26.8#

