

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136394.D
 Acq On : 04 Dec 2023 21:40
 Operator : CG\JU
 Sample : 05562-01DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:37:41 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)

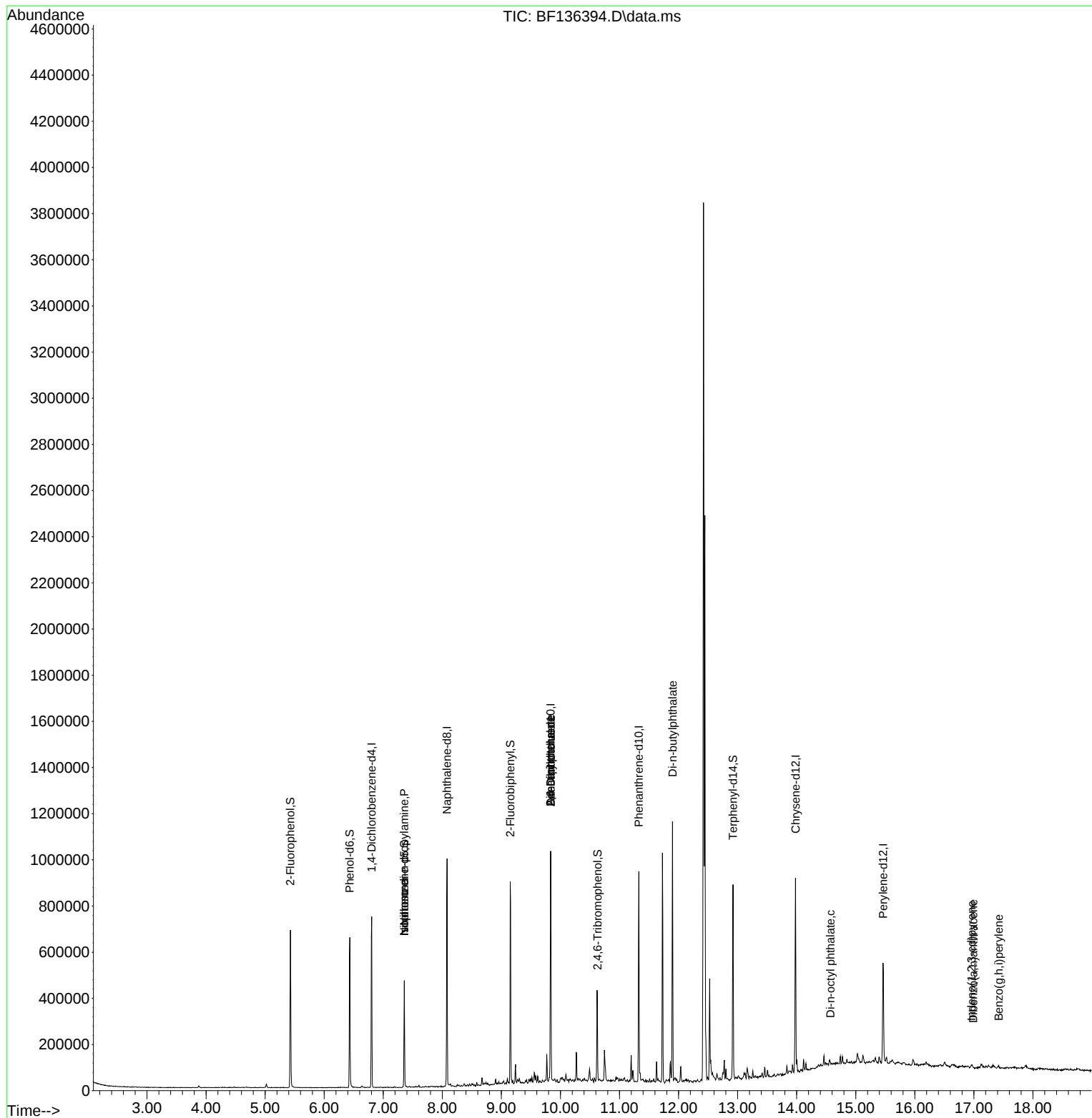
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	108941	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	414995	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	187056	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	309781	20.000	ng	0.00
76) Chrysene-d12	13.980	240	266265	20.000	ng	0.00
86) Perylene-d12	15.463	264	206231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	169507	21.657	ng	-0.01
7) Phenol-d6	6.434	99	213797	21.846	ng	-0.01
23) Nitrobenzene-d5	7.357	82	124201	15.815	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	46176	20.191	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	261971	17.889	ng	-0.01
79) Terphenyl-d14	12.922	244	262876	11.388	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.357	70	15872	2.712	ng	# 78
25) Isophorone	7.357	82	122481	8.649	ng	# 68
50) Dimethylphthalate	9.833	163	36648	2.592	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	24672	8.542	ng	# 25
57) 2,4-Dinitrotoluene	9.833	165	24672	6.395	ng	# 28
74) Di-n-butylphthalate	11.898	149	499142	26.864	ng	# 98
85) Di-n-octyl phthalate	14.574	149	255	5.175	ng	# 61
87) Indeno(1,2,3-cd)pyrene	16.962	276	8226	3.183	ng	# 83
91) Dibenzo(a,h)anthracene	16.992	278	2243	2.884	ng	# 49
92) Benzo(g,h,i)perylene	17.421	276	6536	2.406	ng	# 78

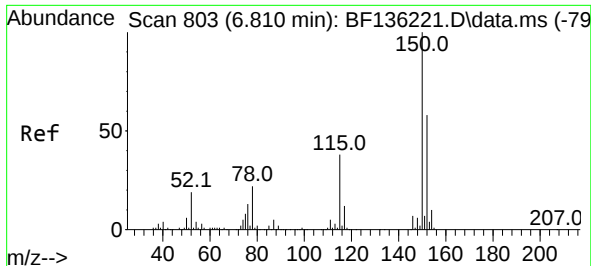
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
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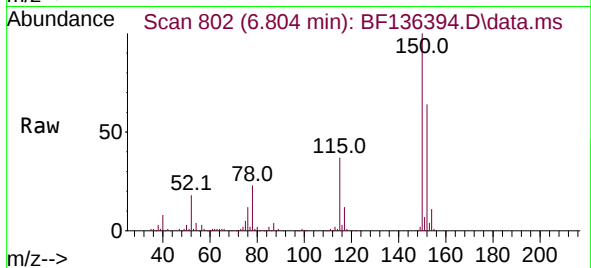
Quant Time: Dec 05 00:37:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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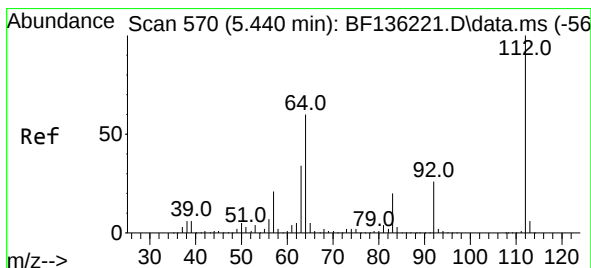
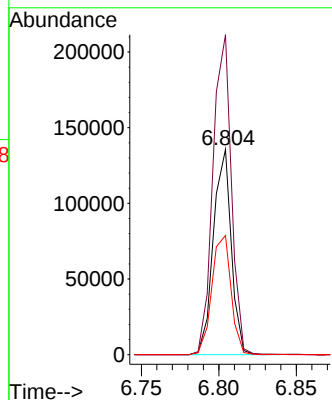
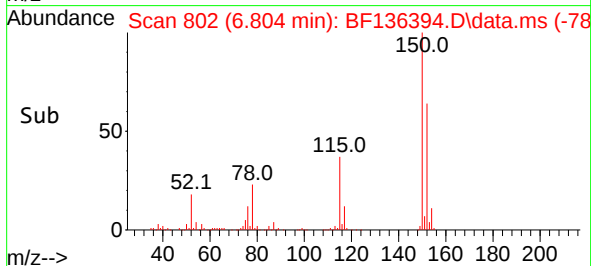


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 803
 Delta R.T. 0.000 min
 Lab File: BF136394.D
 Acq: 04 Dec 2023 21:40

Instrument :
 BNA_F
 ClientSampleId :

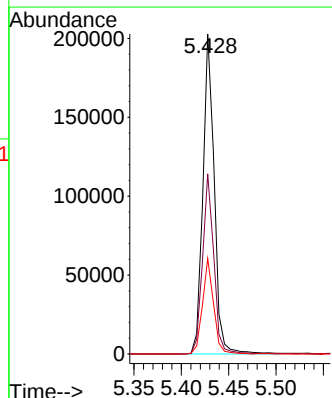
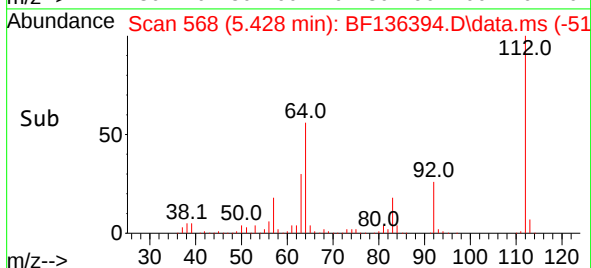
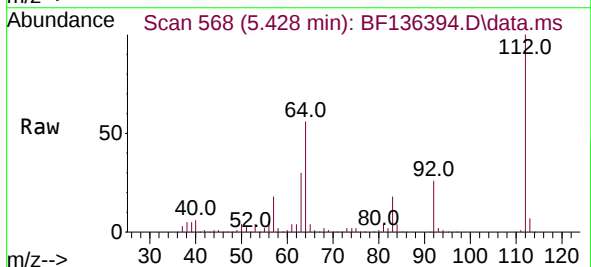


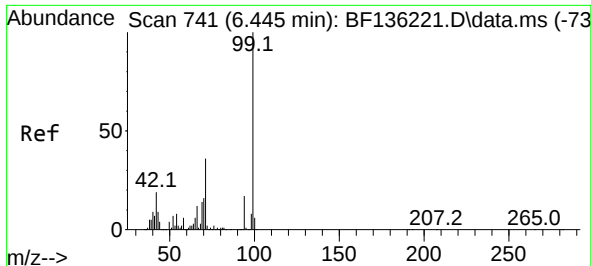
Tgt Ion:152 Resp: 108941
 Ion Ratio Lower Upper
 152 100
 150 155.9 137.8 206.8
 115 58.0 52.7 79.1



#5
 2-Fluorophenol
 Concen: 21.657 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.012 min
 Lab File: BF136394.D
 Acq: 04 Dec 2023 21:40

Tgt Ion:112 Resp: 169507
 Ion Ratio Lower Upper
 112 100
 64 56.3 48.2 72.4
 63 29.9 27.0 40.6

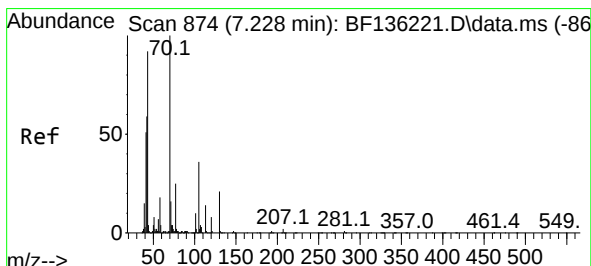
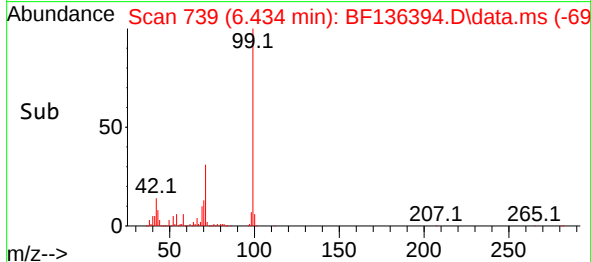
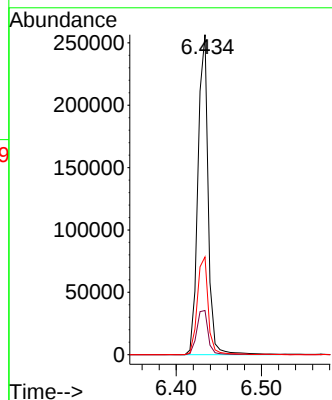
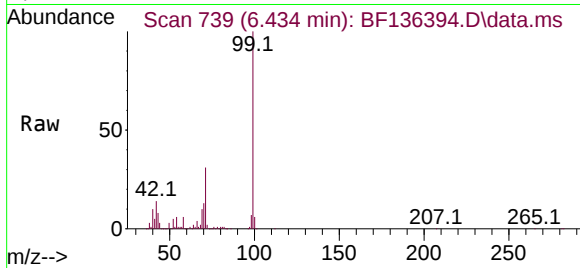




#7
Phenol-d6
Concen: 21.846 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

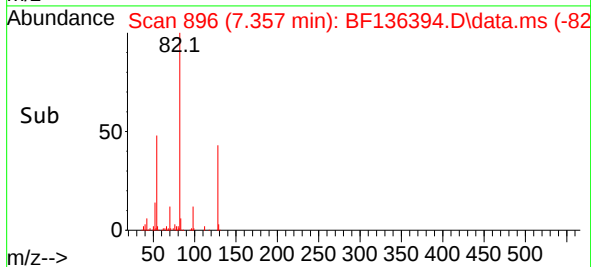
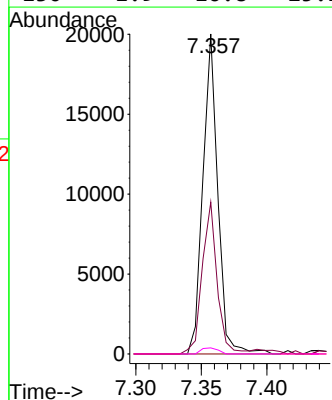
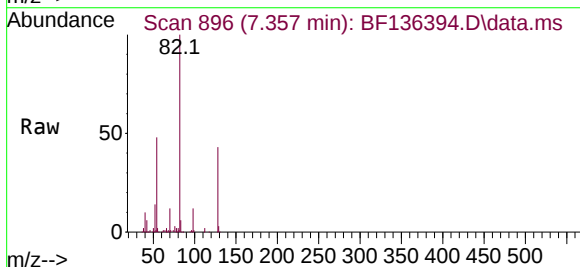
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 213797
Ion Ratio Lower Upper
99 100
42 13.8 15.0 22.6#
71 30.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.712 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

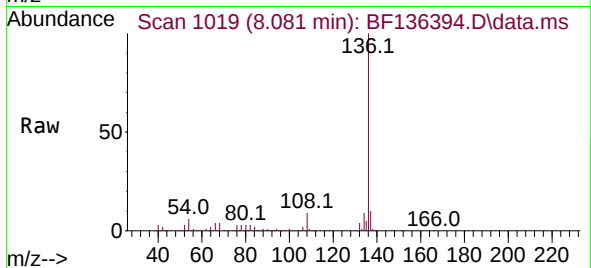
Tgt Ion: 70 Resp: 15872
Ion Ratio Lower Upper
70 100
42 47.4 47.0 70.4
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#



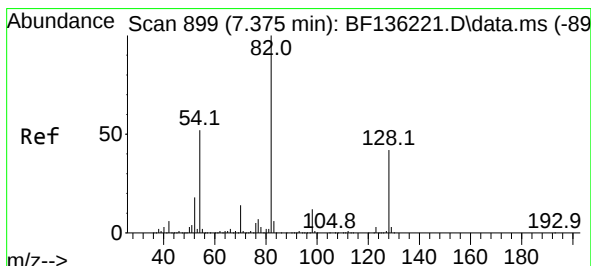
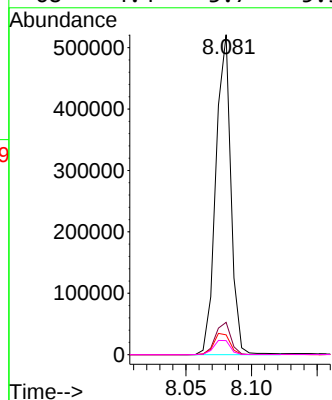
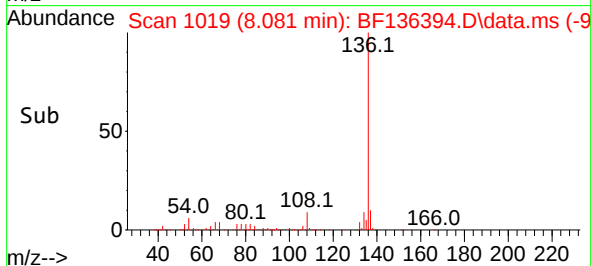


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

Instrument :
BNA_F
ClientSampleId :

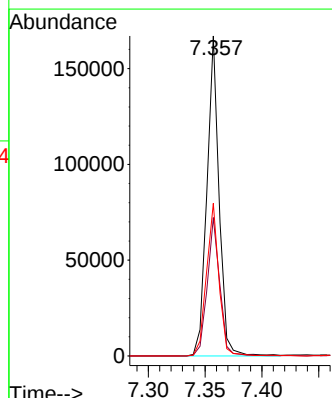
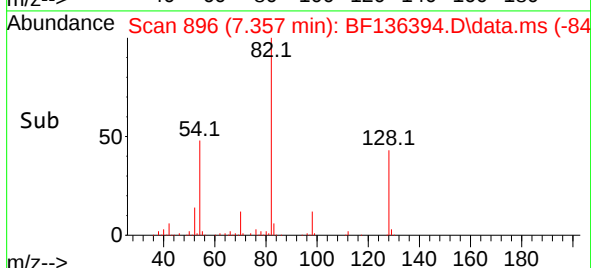
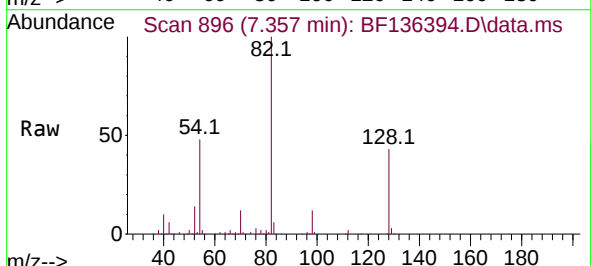


Tgt Ion:136 Resp: 414995
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 6.2 5.5 8.3
68 4.4 3.7 5.5



#23
Nitrobenzene-d5
Concen: 15.815 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

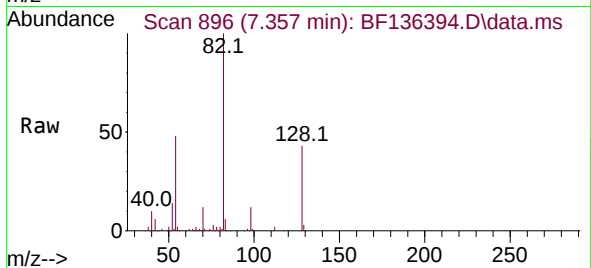
Tgt Ion: 82 Resp: 124201
Ion Ratio Lower Upper
82 100
128 43.3 33.4 50.2
54 47.7 41.7 62.5



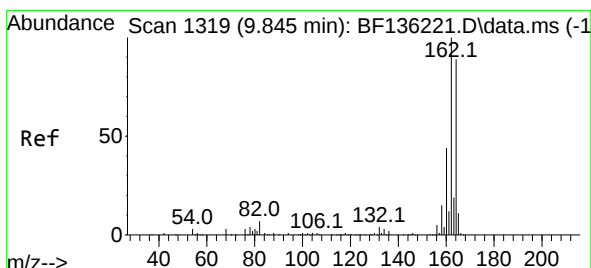
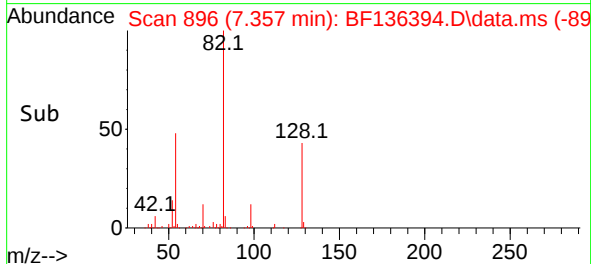
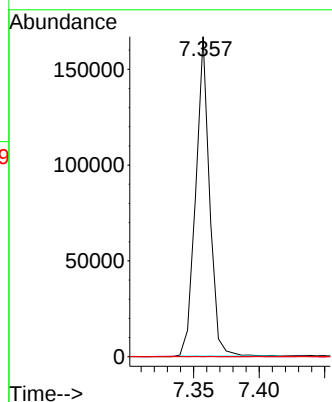


#25
Isophorone
Concen: 8.649 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.270 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

Instrument :
BNA_F
ClientSampleId :

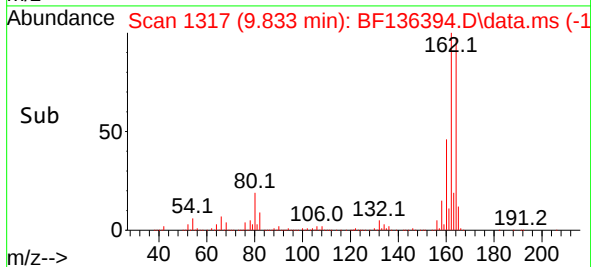
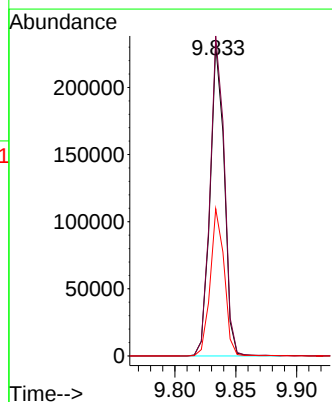
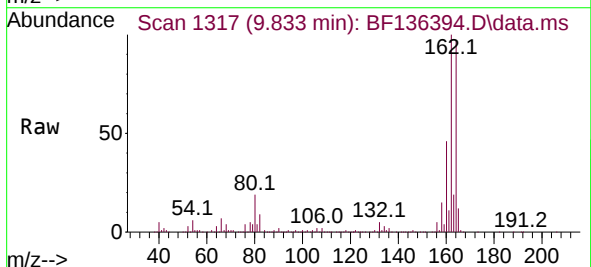


Tgt Ion: 82 Resp: 122481
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

Tgt Ion: 164 Resp: 187056
Ion Ratio Lower Upper
164 100
162 102.7 89.5 134.3
160 47.2 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 20.191 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.006 min

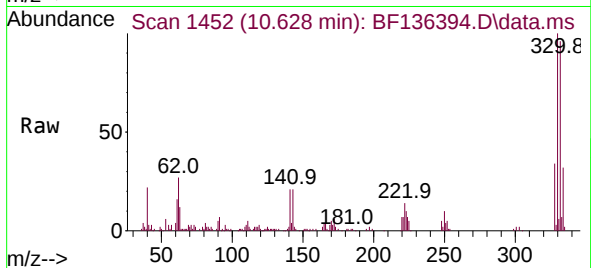
Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

Instrument :

BNA_F

ClientSampleId :



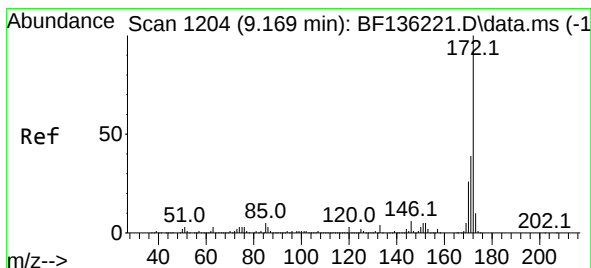
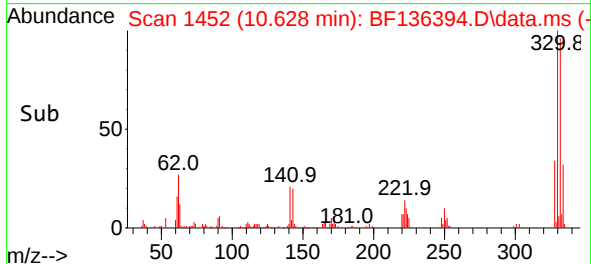
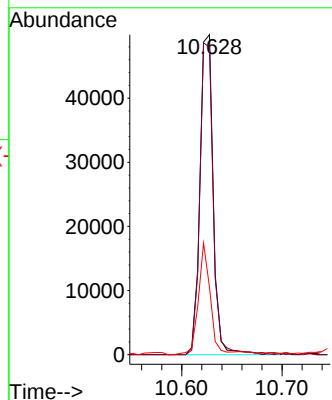
Tgt Ion:330 Resp: 46176

Ion Ratio Lower Upper

330 100

332 97.0 73.0 109.6

141 30.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 17.889 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

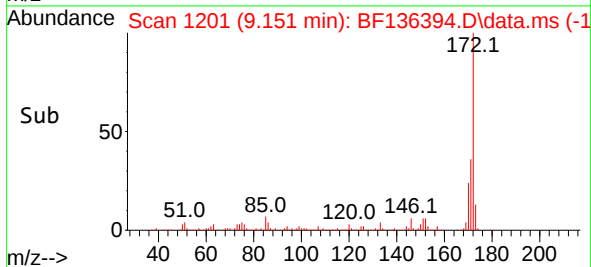
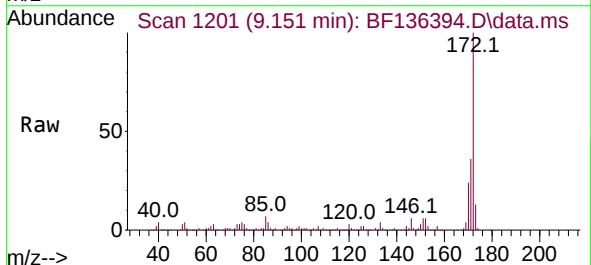
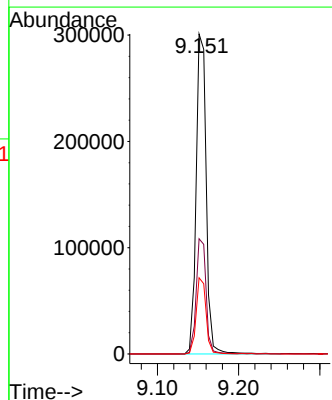
Tgt Ion:172 Resp: 261971

Ion Ratio Lower Upper

172 100

171 36.0 31.5 47.3

170 23.8 20.8 31.2

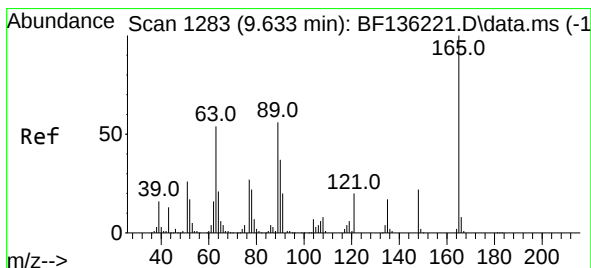
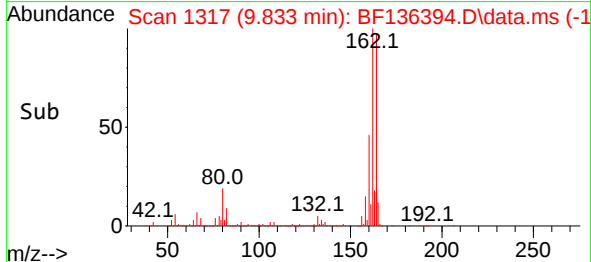
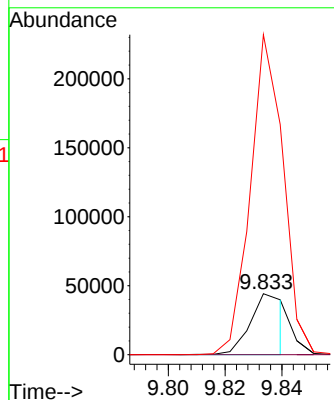
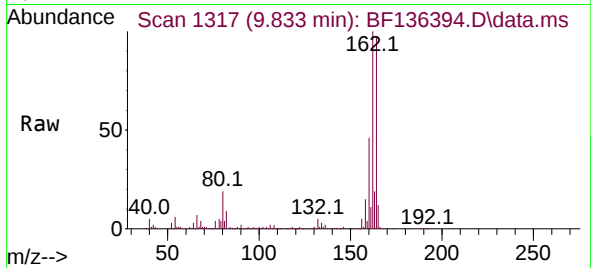




#50
Dimethylphthalate
Concen: 2.592 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

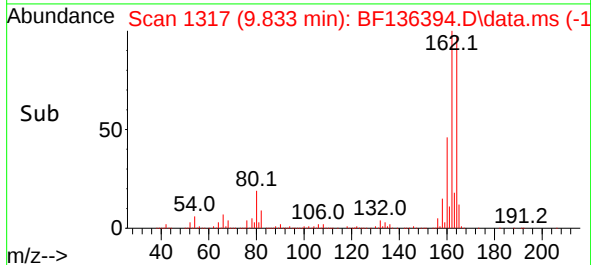
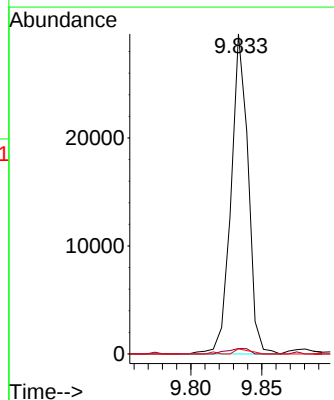
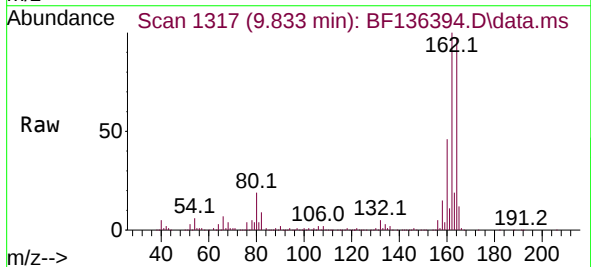
Instrument :
BNA_F
ClientSampleId :

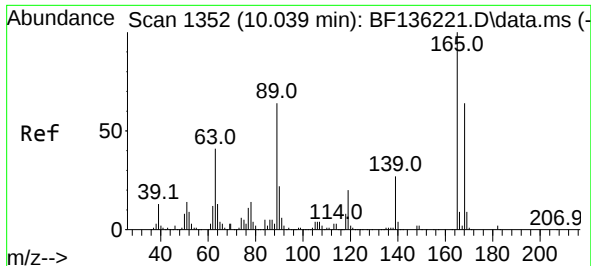
Tgt Ion:163 Resp: 36648
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 525.2 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.542 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

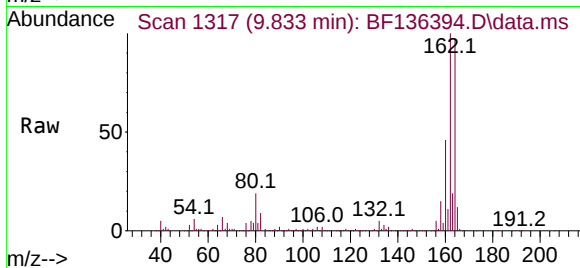
Tgt Ion:165 Resp: 24672
Ion Ratio Lower Upper
165 100
63 1.7 46.2 69.2#
89 1.6 44.9 67.3#



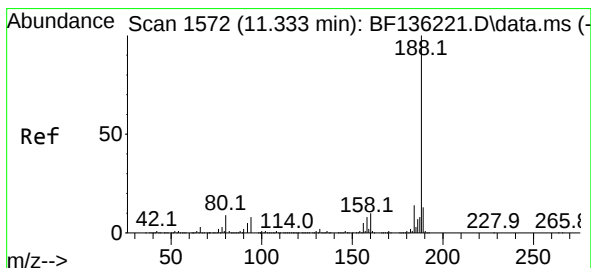
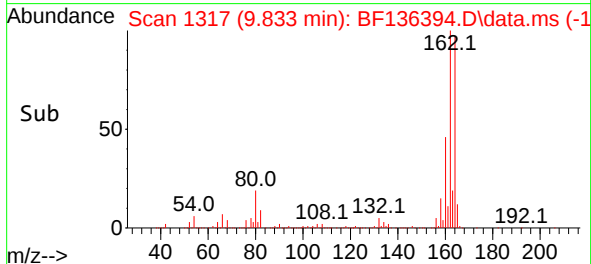
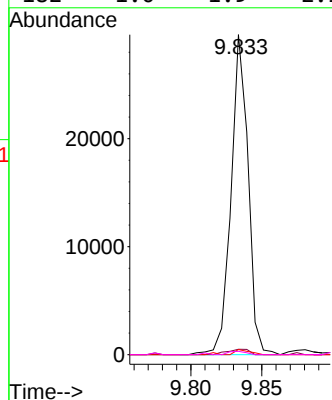


#57
2,4-Dinitrotoluene
Concen: 6.395 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

Instrument :
BNA_F
ClientSampleId :

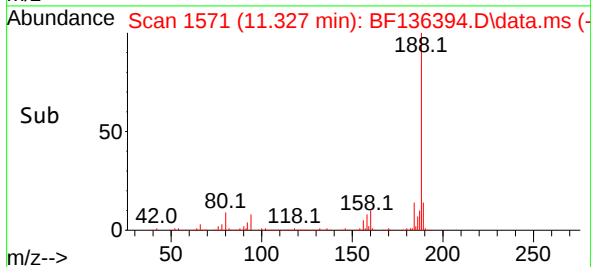
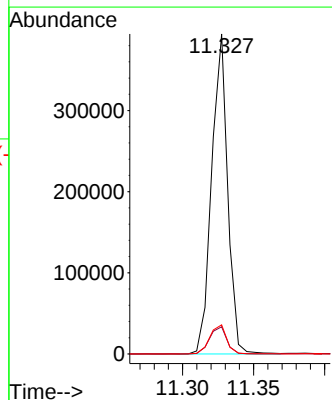
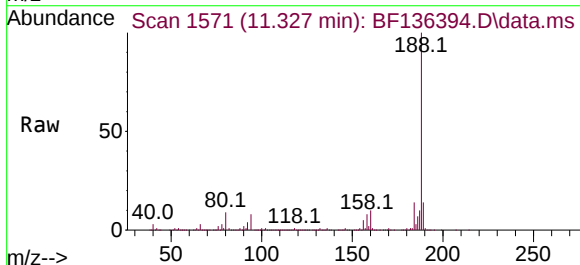


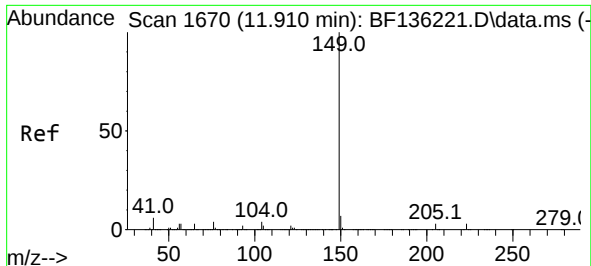
Tgt Ion:165 Resp: 24672
Ion Ratio Lower Upper
165 100
63 1.7 33.0 49.4#
89 1.6 51.5 77.3#
182 1.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

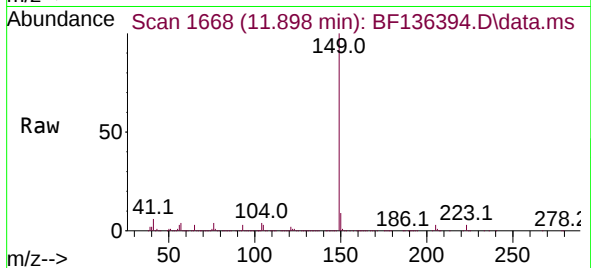
Tgt Ion:188 Resp: 309781
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.1 7.2 10.8



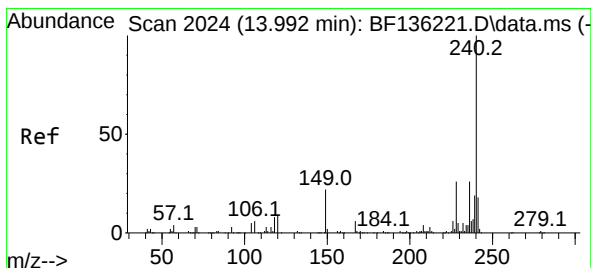
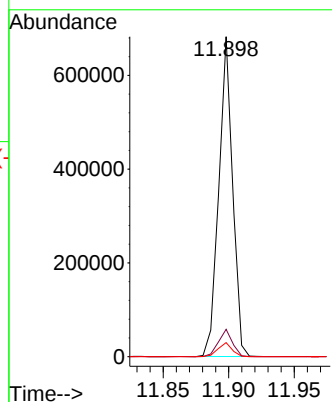
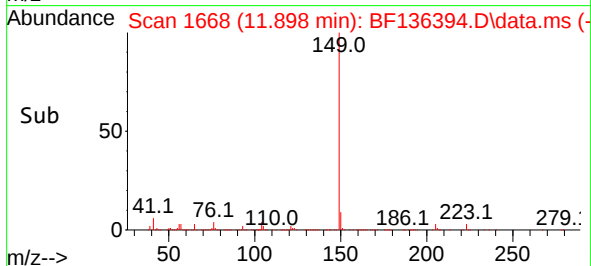


#74
Di-n-butylphthalate
Concen: 26.864 ng
RT: 11.898 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40

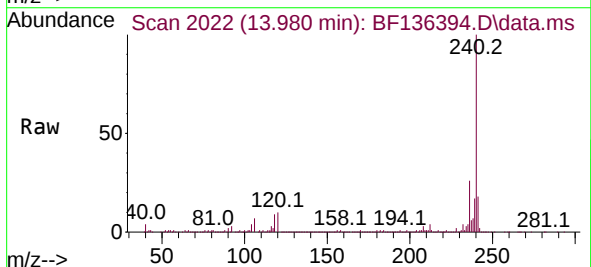
Instrument :
BNA_F
ClientSampleId :



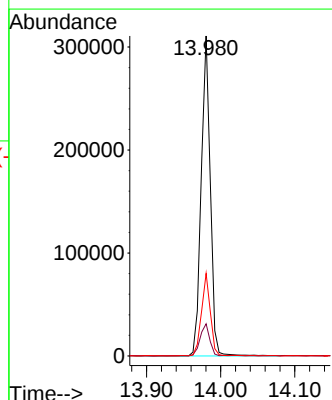
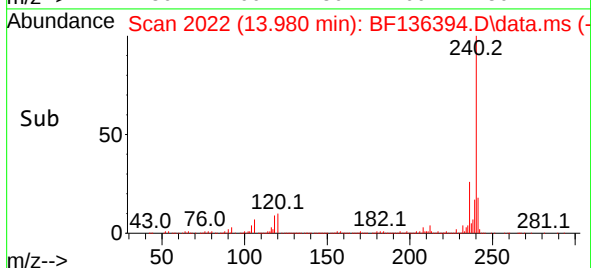
Tgt Ion:149 Resp: 499142
Ion Ratio Lower Upper
149 100
150 8.6 6.0 9.0
104 4.4 3.5 5.3

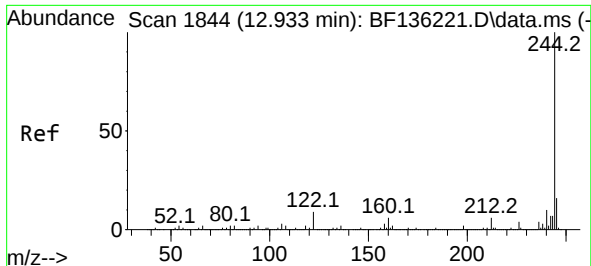


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136394.D
Acq: 04 Dec 2023 21:40



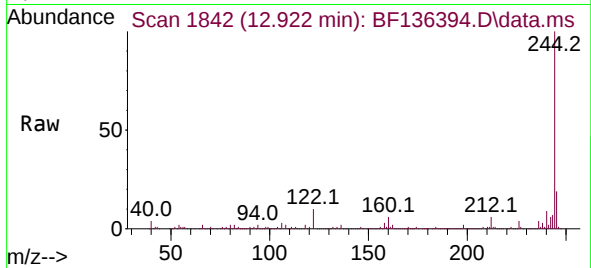
Tgt Ion:240 Resp: 266265
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.2
236 25.8 21.1 31.7



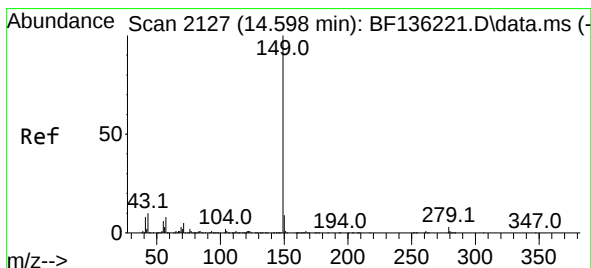
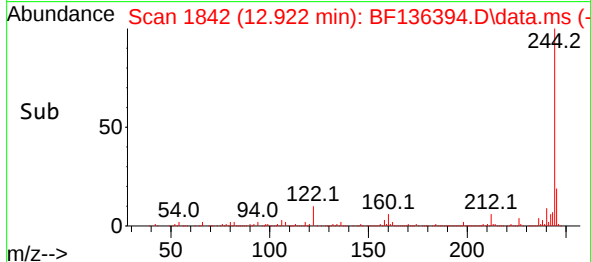
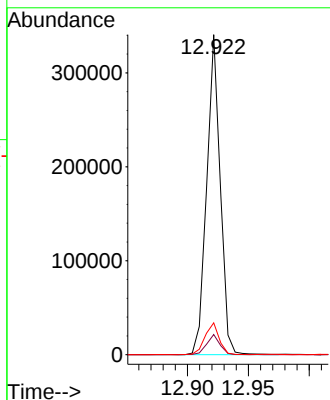


#79
 Terphenyl-d14
 Concen: 11.388 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF136394.D
 Acq: 04 Dec 2023 21:40

Instrument :
 BNA_F
 ClientSampleId :

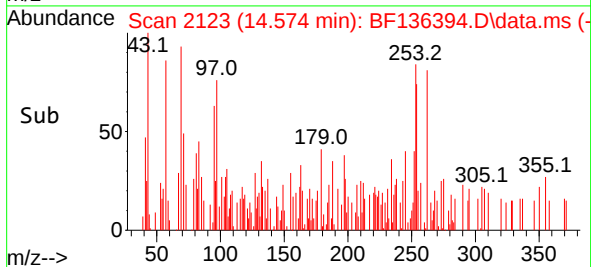
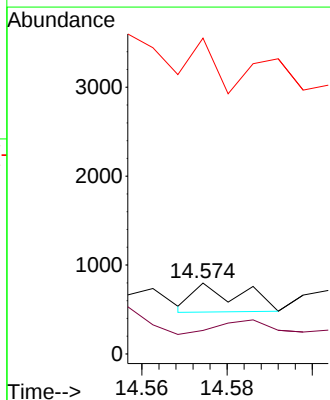
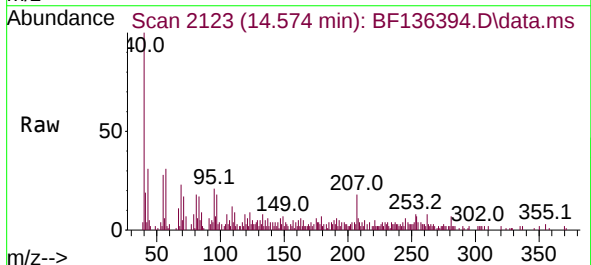


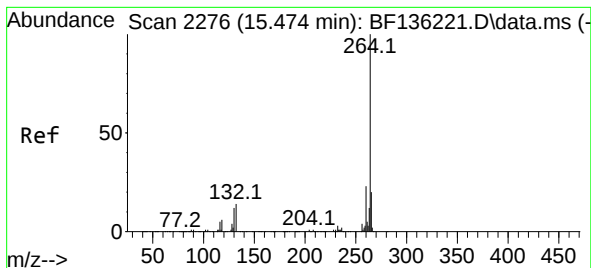
Tgt Ion:244 Resp: 262876
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.6 7.0
 122 9.9 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.175 ng
 RT: 14.574 min Scan# 2123
 Delta R.T. -0.012 min
 Lab File: BF136394.D
 Acq: 04 Dec 2023 21:40

Tgt Ion:149 Resp: 255
 Ion Ratio Lower Upper
 149 100
 167 56.9 1.0 1.6#
 43 0.0 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

Instrument :

BNA_F

ClientSampleId :

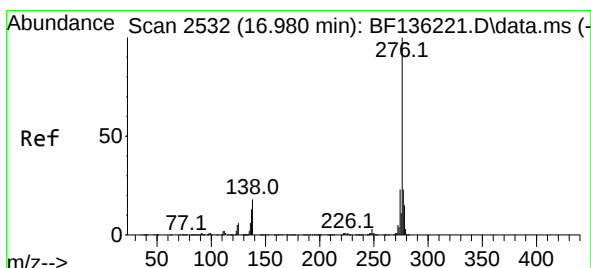
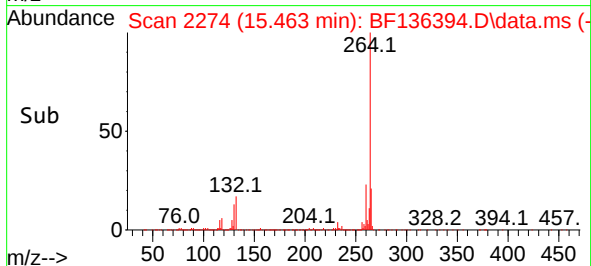
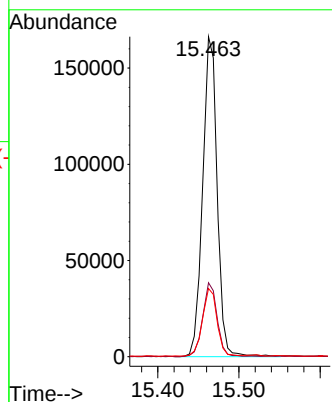
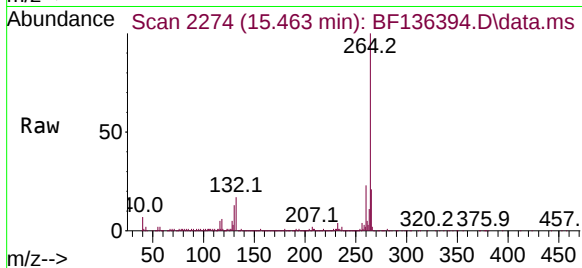
Tgt Ion:264 Resp: 206231

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.3 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.183 ng

RT: 16.962 min Scan# 2529

Delta R.T. 0.000 min

Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

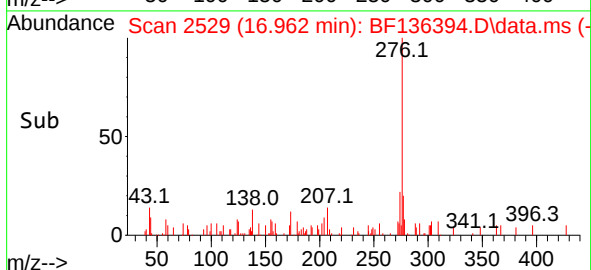
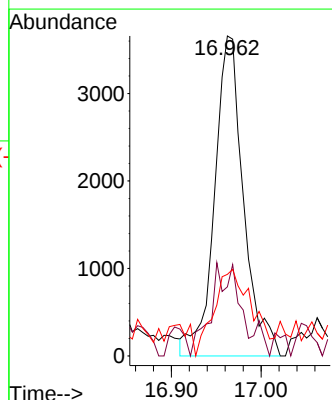
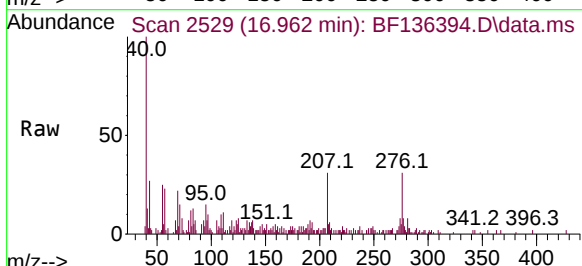
Tgt Ion:276 Resp: 8226

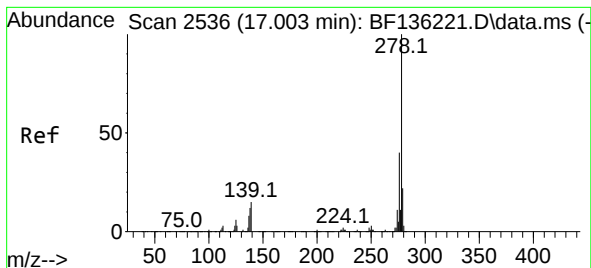
Ion Ratio Lower Upper

276 100

138 28.0 17.7 26.5#

277 35.0 19.6 29.4#





#91

Dibenzo(a,h)anthracene

Concen: 2.884 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

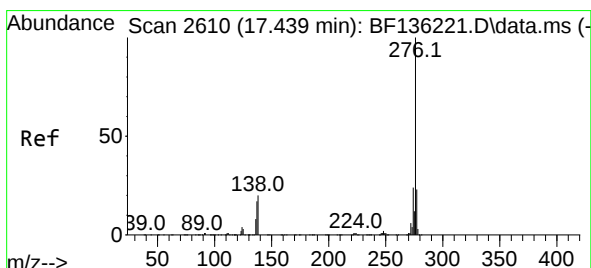
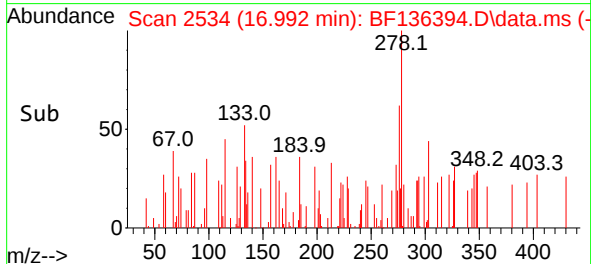
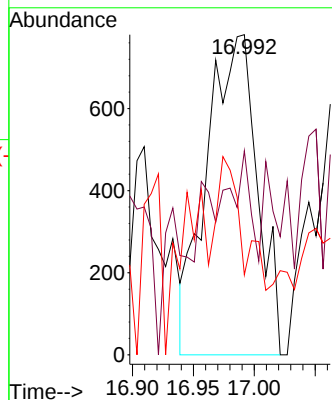
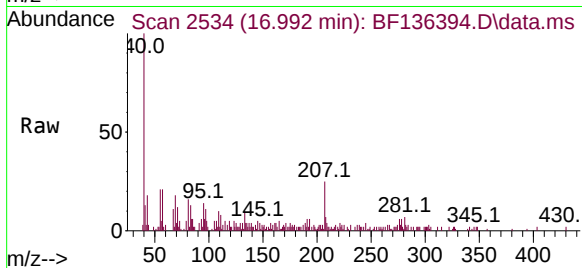
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:278 Resp: 2243

Ion	Ratio	Lower	Upper
278	100		
139	63.7	11.7	17.5#
279	25.0	17.8	26.8



#92

Benzo(g,h,i)perylene

Concen: 2.406 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.000 min

Lab File: BF136394.D

Acq: 04 Dec 2023 21:40

Tgt Ion:276 Resp: 6536

Ion	Ratio	Lower	Upper
276	100		
277	34.8	18.6	27.8#
138	29.4	15.8	23.8#

