

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136315.D
 Acq On : 30 Nov 2023 15:56
 Operator : CG\JU
 Sample : 05279-08RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 16:17:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

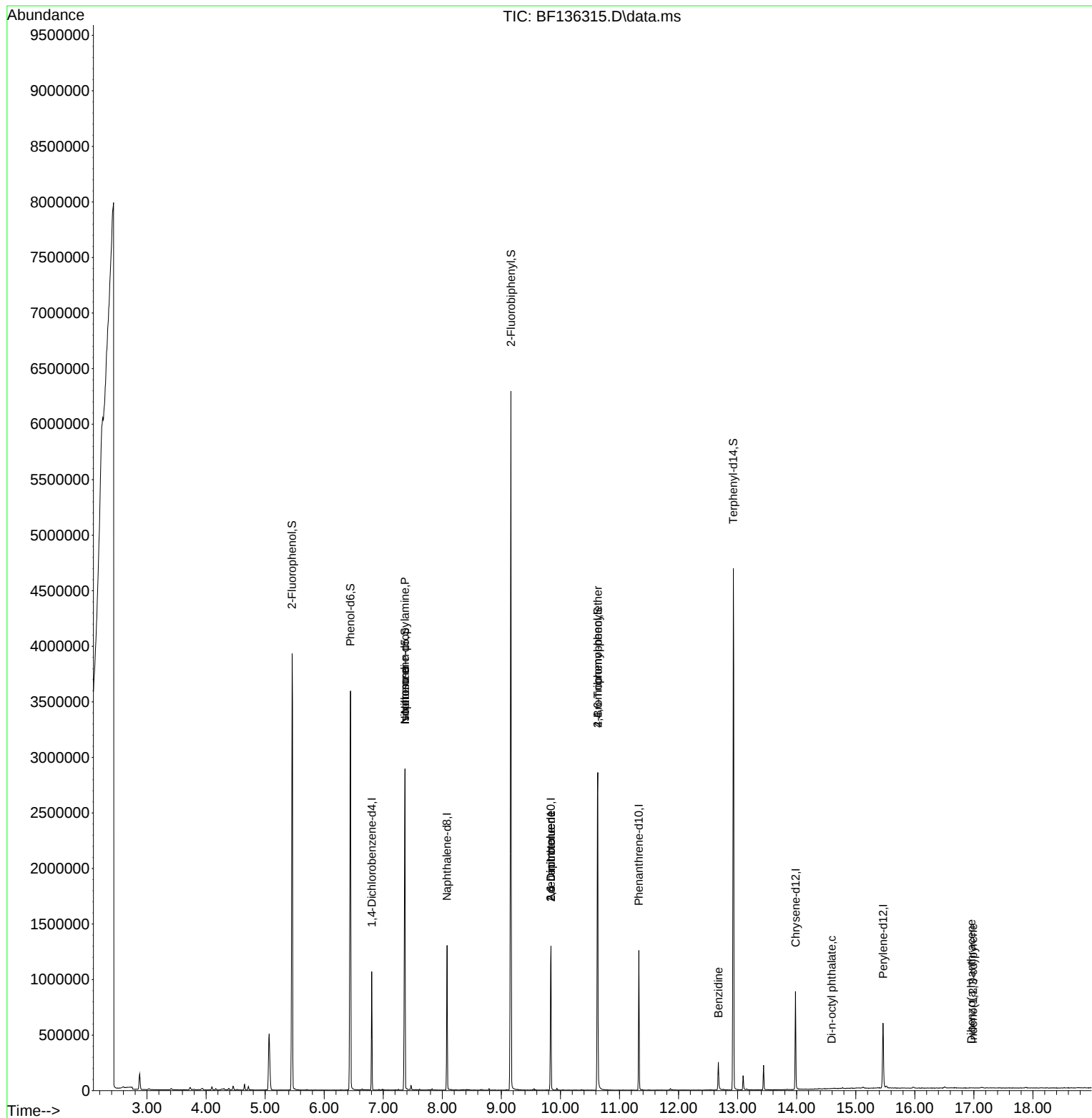
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	138530	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	545753	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	261615	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	409425	20.000	ng	0.00
76) Chrysene-d12	13.980	240	279134	20.000	ng	-0.01
86) Perylene-d12	15.462	264	283363	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1273771	127.979	ng	0.02
7) Phenol-d6	6.445	99	1443709	116.009	ng	0.00
23) Nitrobenzene-d5	7.369	82	1010235	97.817	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	423591	132.436	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1998527	97.576	ng	0.00
79) Terphenyl-d14	12.927	244	1801577	74.448	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	132722	17.832	ng	# 72
25) Isophorone	7.369	82	1010216	54.247	ng	# 68
51) 2,6-Dinitrotoluene	9.839	165	33043	8.180	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	33043	6.124	ng	# 27
67) 4-Bromophenyl-phenylether	10.633	248	23779	4.978	ng	# 1
77) Benzidine	12.674	184	106831	23.282	ng	# 98
85) Di-n-octyl phthalate	14.592	149	1035	5.212	ng	# 8
87) Indeno(1,2,3-cd)pyrene	16.986	276	289	2.692	ng	# 54
91) Dibenzo(a,h)anthracene	16.956	278	1778	2.812	ng	# 58

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

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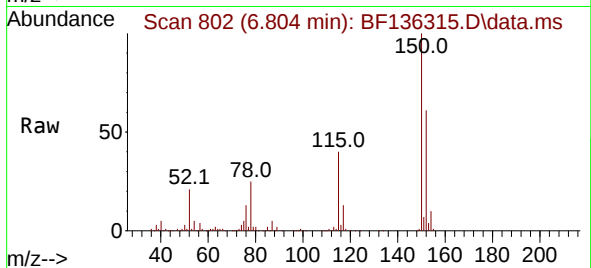
Quant Time: Nov 30 16:17:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
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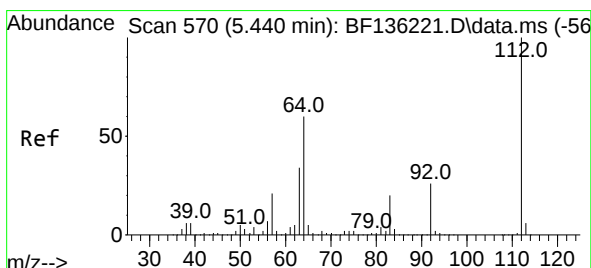
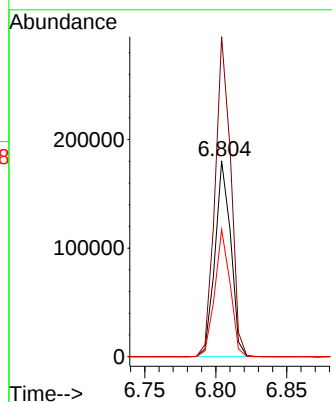
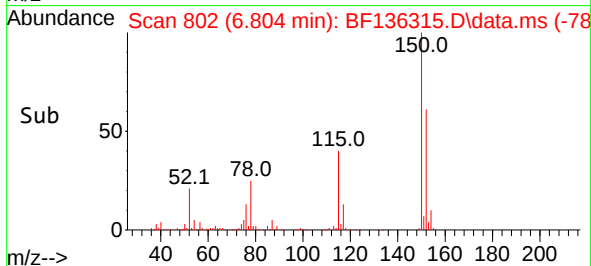


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

Instrument :
BNA_F
ClientSampleId :

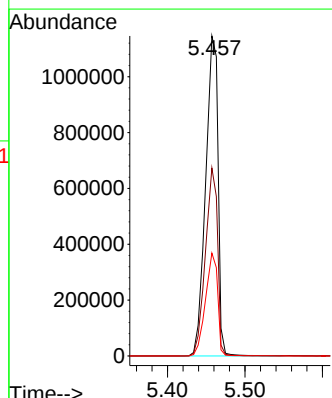
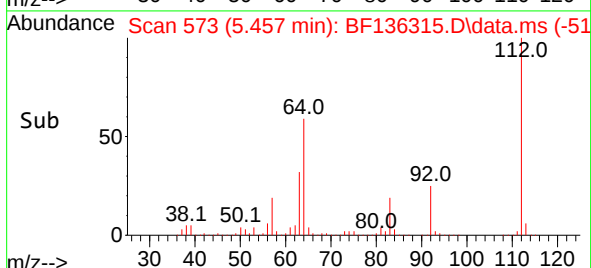
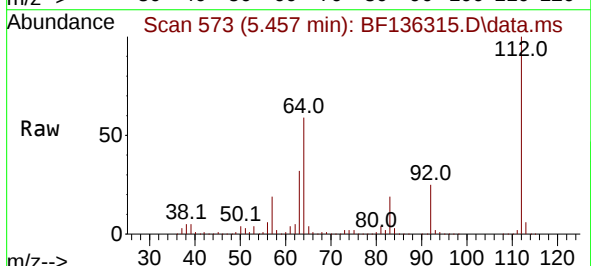


Tgt Ion:152 Resp: 138530
Ion Ratio Lower Upper
152 100
150 163.3 137.8 206.8
115 65.0 52.7 79.1



#5
2-Fluorophenol
Concen: 127.979 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

Tgt Ion:112 Resp: 1273771
Ion Ratio Lower Upper
112 100
64 58.7 48.2 72.4
63 32.1 27.0 40.6

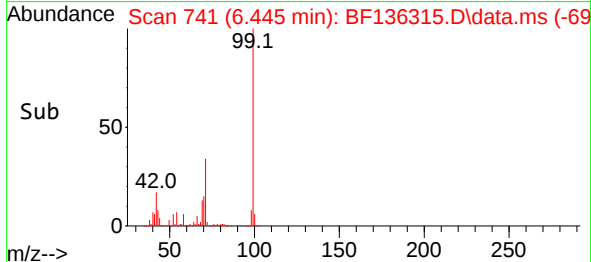
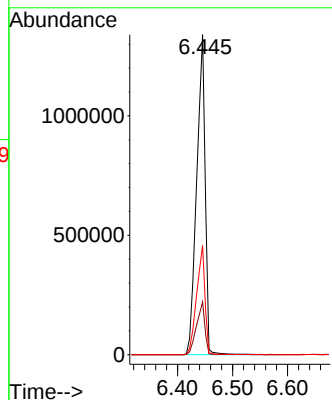
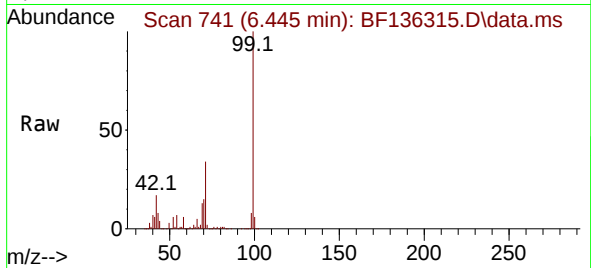




#7
Phenol-d6
Concen: 116.009 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

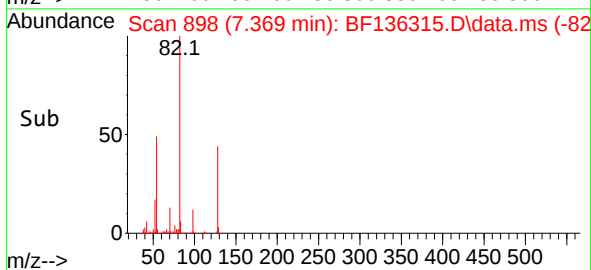
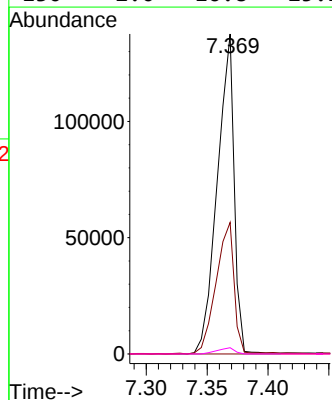
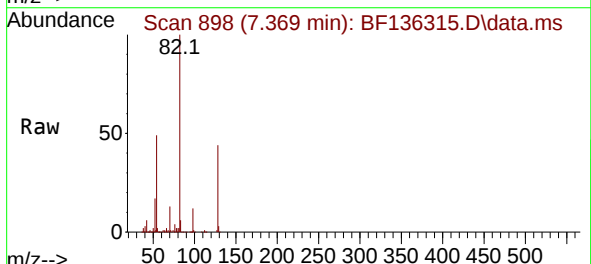
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1443709
Ion Ratio Lower Upper
99 100
42 16.5 15.0 22.6
71 34.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.832 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

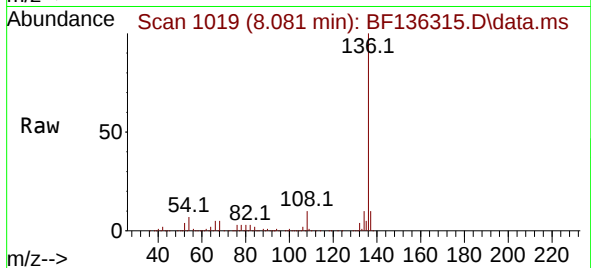
Tgt Ion: 70 Resp: 132722
Ion Ratio Lower Upper
70 100
42 41.1 47.0 70.4#
101 0.0 7.8 11.8#
130 2.0 16.8 25.2#



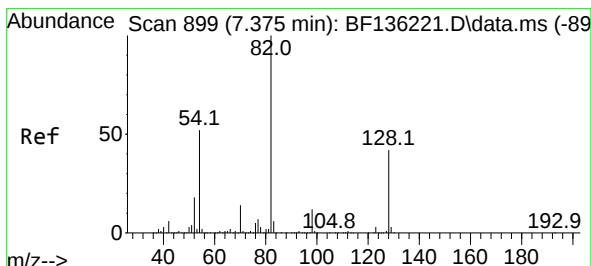
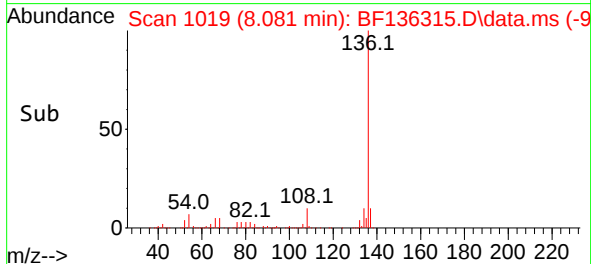
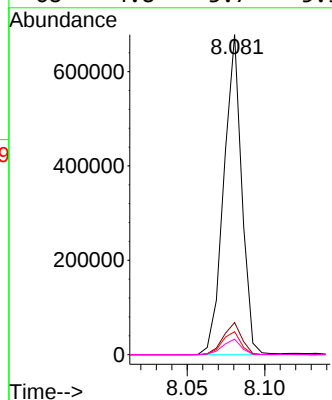


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

Instrument :
BNA_F
ClientSampleId :

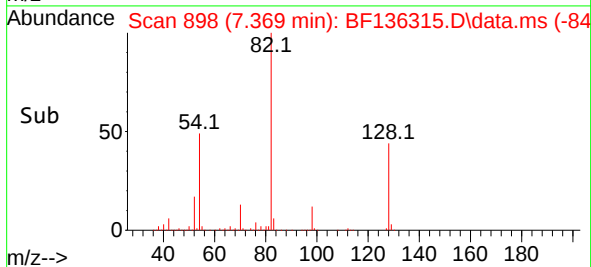
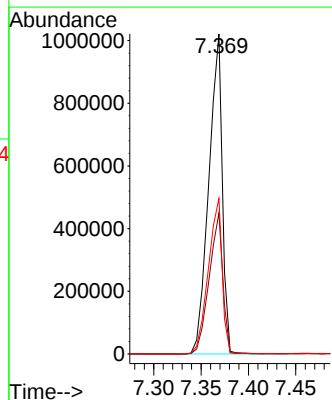
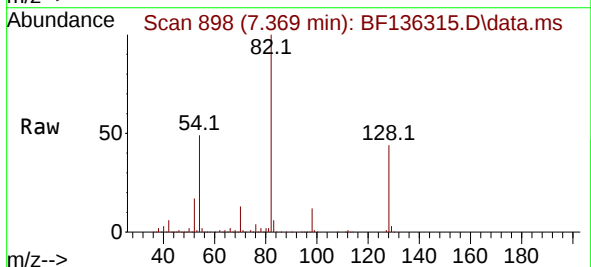


Tgt Ion:136 Resp: 545753
Ion Ratio Lower Upper
136 100
137 10.0 7.4 11.2
54 7.2 5.5 8.3
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 97.817 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

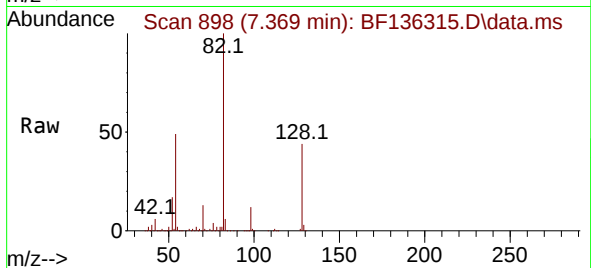
Tgt Ion: 82 Resp: 1010235
Ion Ratio Lower Upper
82 100
128 44.0 33.4 50.2
54 48.6 41.7 62.5



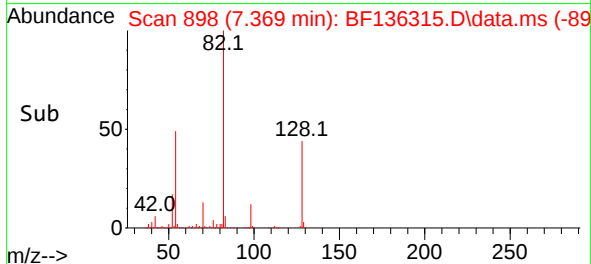
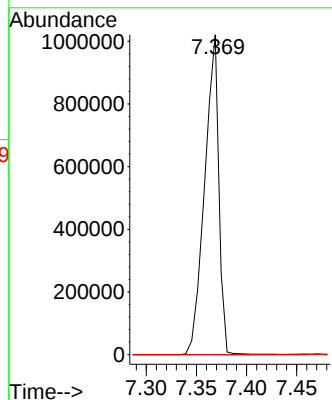


#25
Isophorone
Concen: 54.247 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

Instrument :
BNA_F
ClientSampleId :

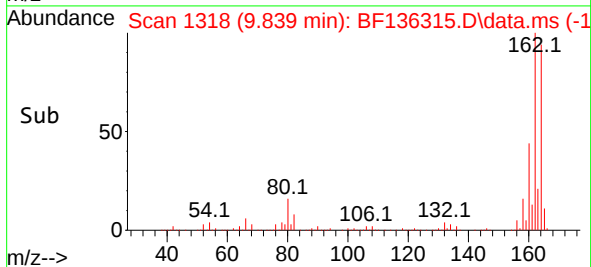
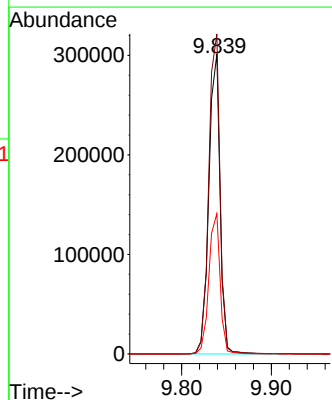
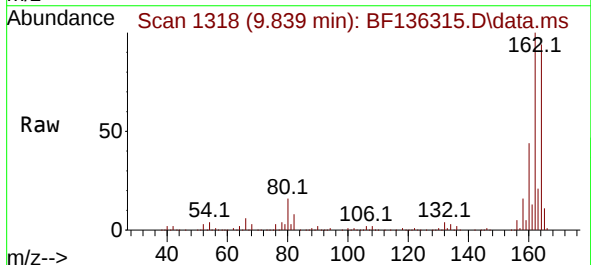


Tgt Ion: 82 Resp: 1010216
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

Tgt Ion:164 Resp: 261615
Ion Ratio Lower Upper
164 100
162 106.7 89.5 134.3
160 46.8 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 132.436 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

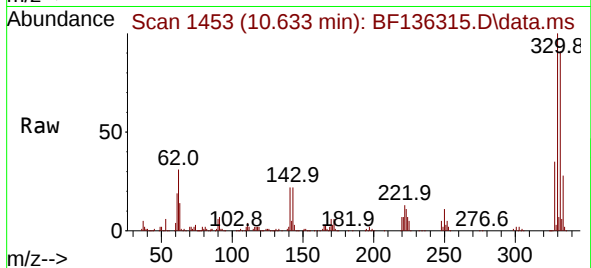
Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

Instrument :

BNA_F

ClientSampleId :



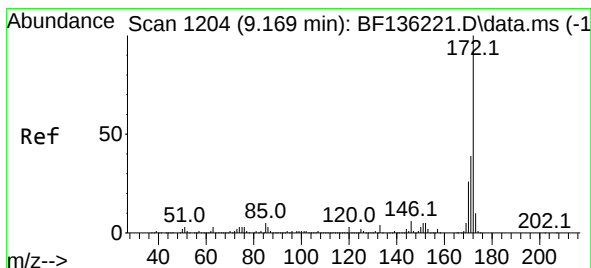
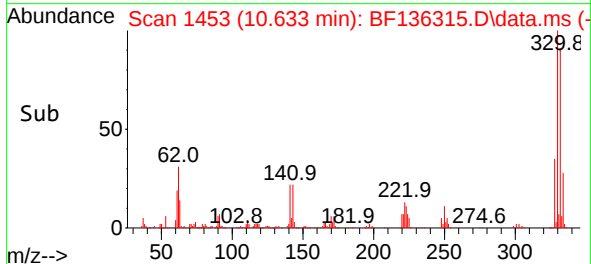
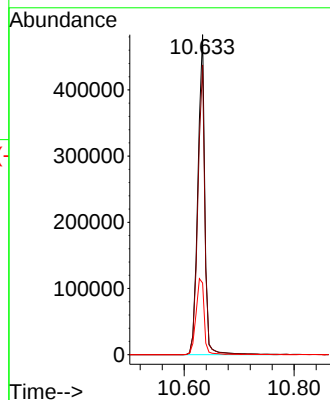
Tgt Ion:330 Resp: 423591

Ion Ratio Lower Upper

330 100

332 92.0 73.0 109.6

141 27.9 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 97.576 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

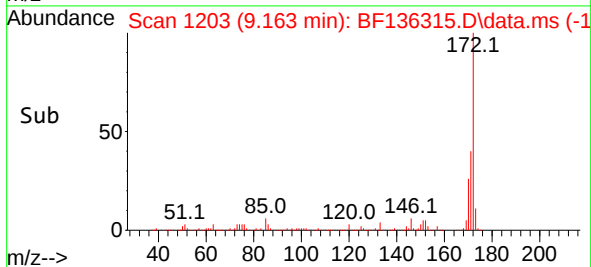
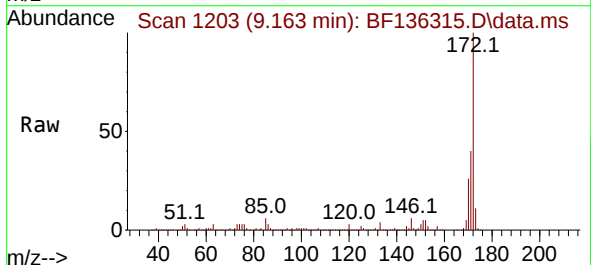
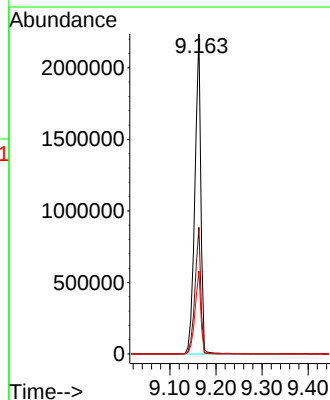
Tgt Ion:172 Resp: 1998527

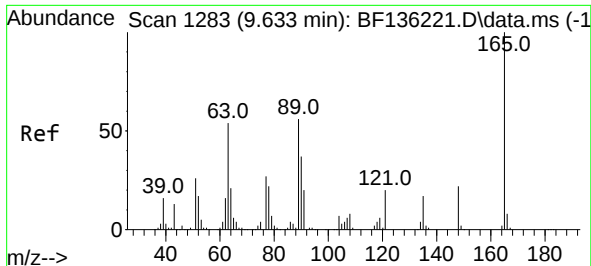
Ion Ratio Lower Upper

172 100

171 39.6 31.5 47.3

170 25.9 20.8 31.2





#51

2,6-Dinitrotoluene

Concen: 8.180 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

Instrument :

BNA_F

ClientSampleId :

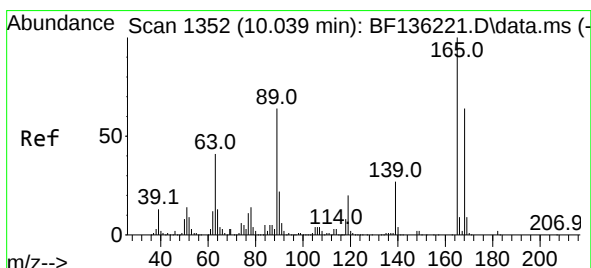
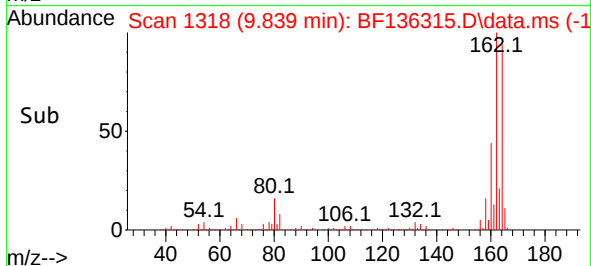
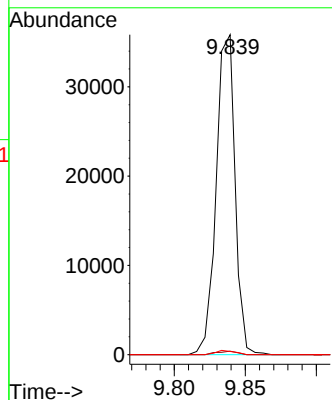
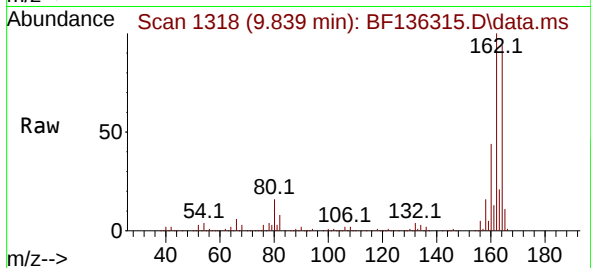
Tgt Ion:165 Resp: 33043

Ion Ratio Lower Upper

165 100

63 1.1 46.2 69.2#

89 1.0 44.9 67.3#



#57

2,4-Dinitrotoluene

Concen: 6.124 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.200 min

Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

Tgt Ion:165 Resp: 33043

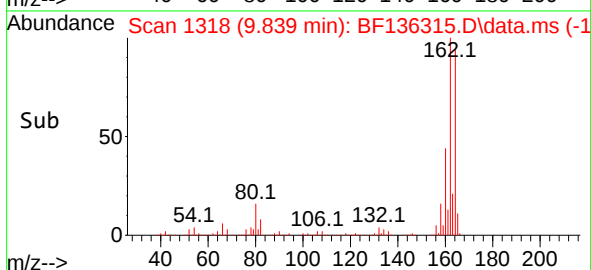
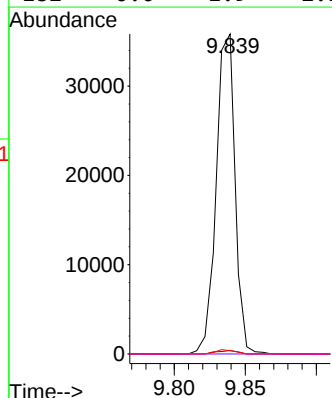
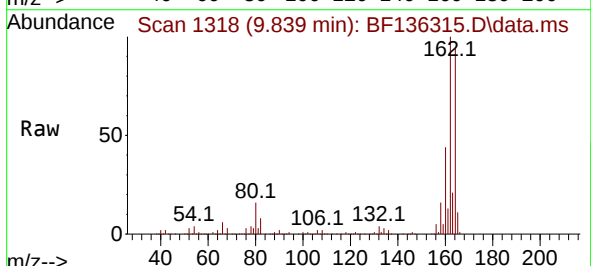
Ion Ratio Lower Upper

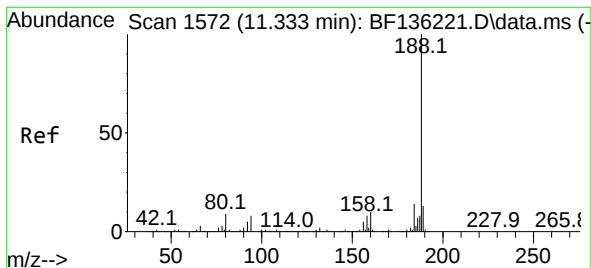
165 100

63 1.1 33.0 49.4#

89 1.0 51.5 77.3#

182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

Instrument :

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ClientSampleId :

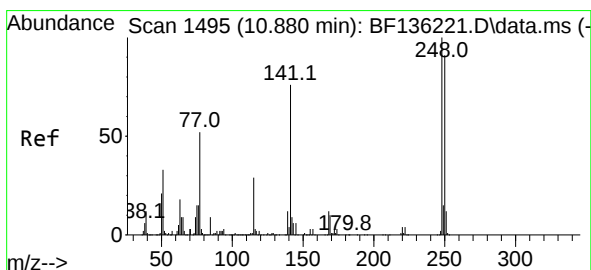
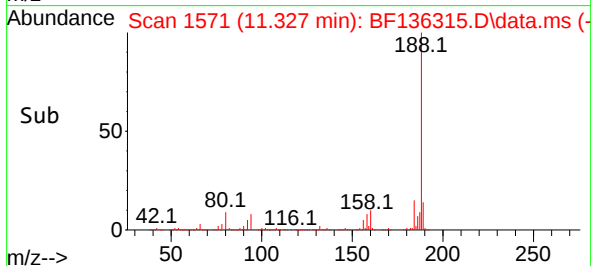
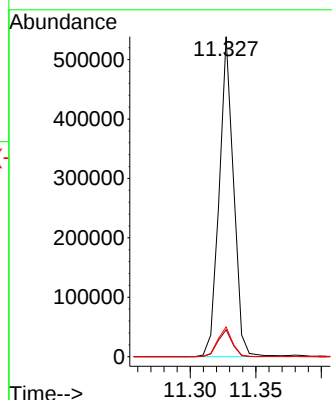
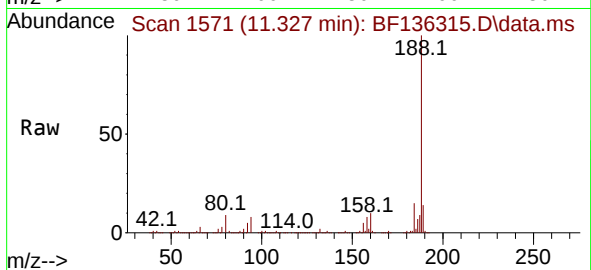
Tgt Ion:188 Resp: 409425

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 9.3 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.978 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.247 min

Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

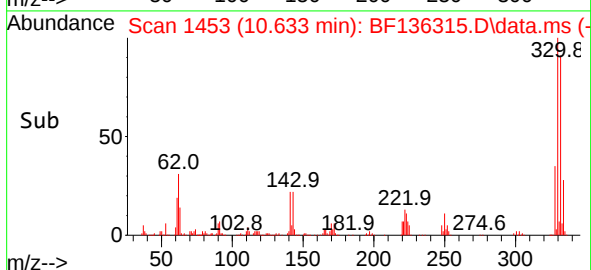
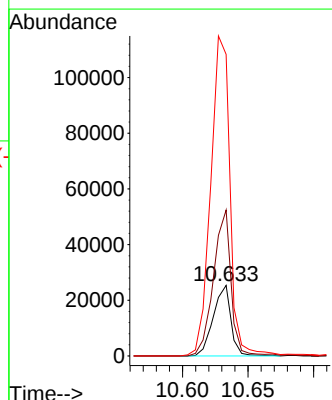
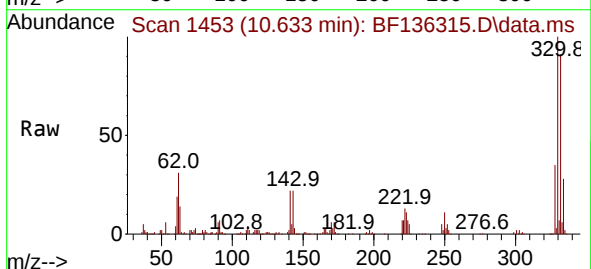
Tgt Ion:248 Resp: 23779

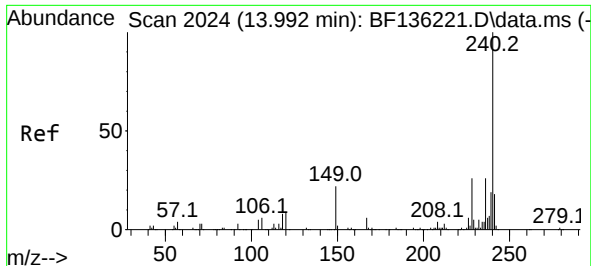
Ion Ratio Lower Upper

248 100

250 206.9 72.5 108.7#

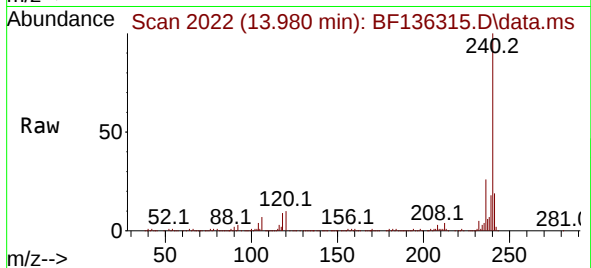
141 427.6 60.8 91.2#



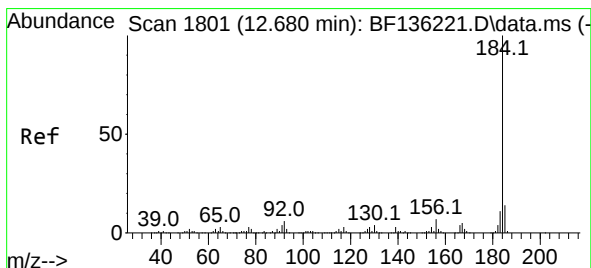
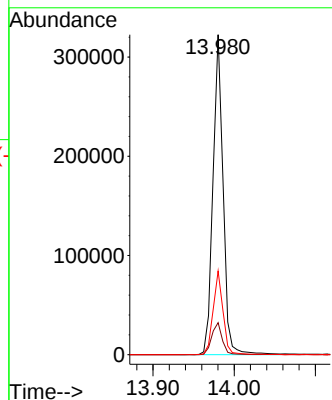
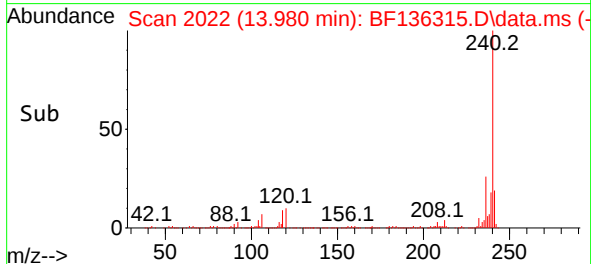


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56

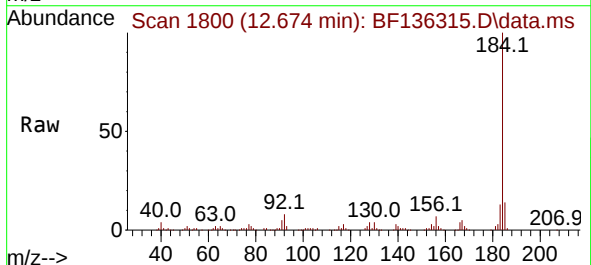
Instrument :
BNA_F
ClientSampleId :



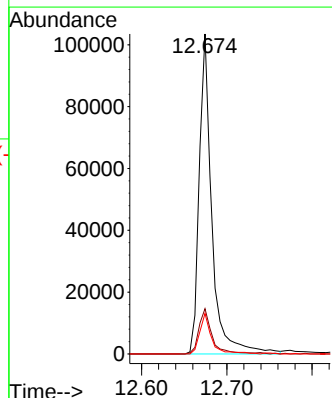
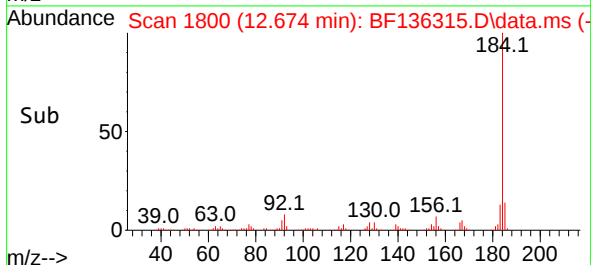
Tgt Ion:240 Resp: 279134
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.2
236 26.1 21.1 31.7

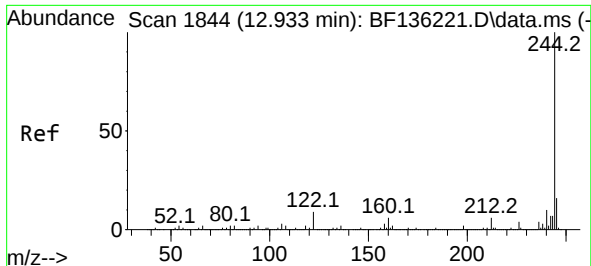


#77
Benzidine
Concen: 23.282 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136315.D
Acq: 30 Nov 2023 15:56



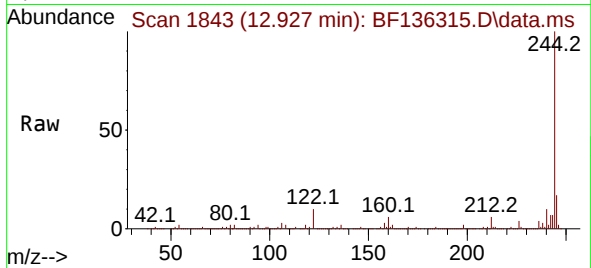
Tgt Ion:184 Resp: 106831
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 12.7 9.0 13.4



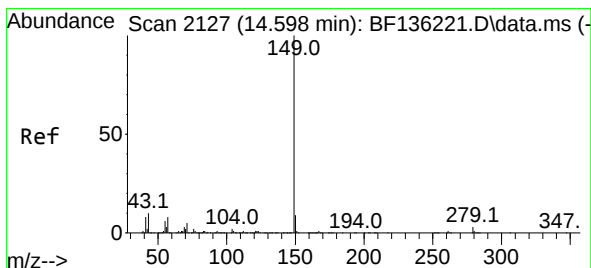
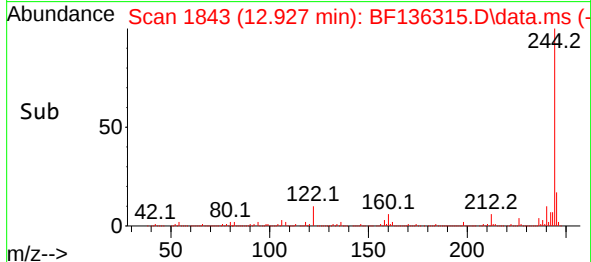
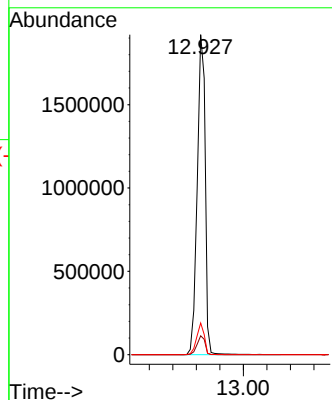


#79
 Terphenyl-d14
 Concen: 74.448 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136315.D
 Acq: 30 Nov 2023 15:56

Instrument :
 BNA_F
 ClientSampleId :

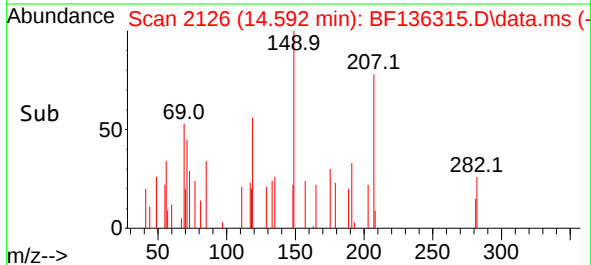
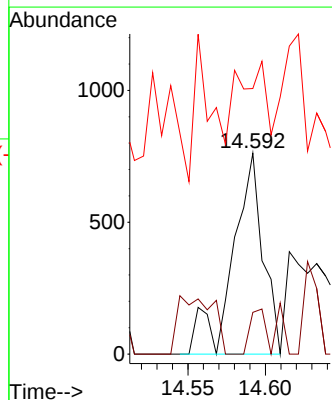
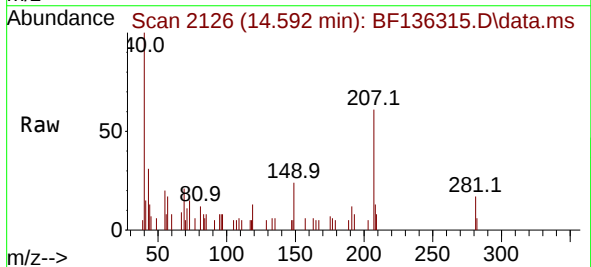


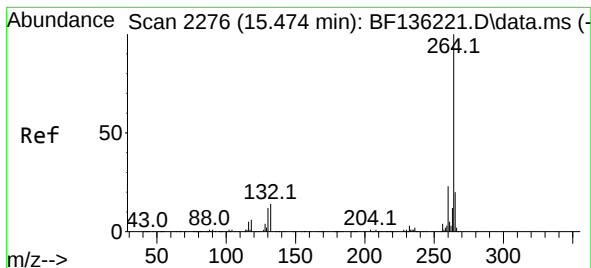
Tgt Ion:244 Resp: 1801577
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.9 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.212 ng
 RT: 14.592 min Scan# 2126
 Delta R.T. -0.006 min
 Lab File: BF136315.D
 Acq: 30 Nov 2023 15:56

Tgt Ion:149 Resp: 1035
 Ion Ratio Lower Upper
 149 100
 167 11.2 1.0 1.6#
 43 45.7 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

Instrument :

BNA_F

ClientSampleId :

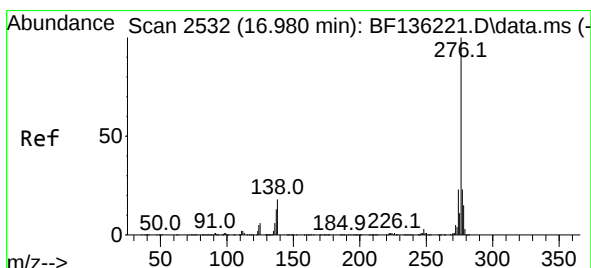
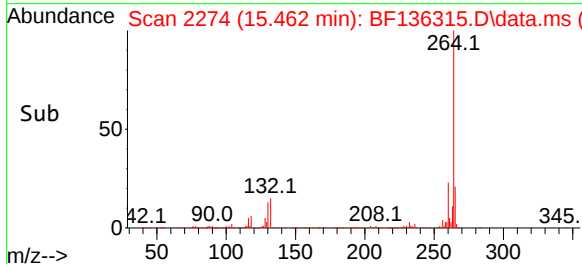
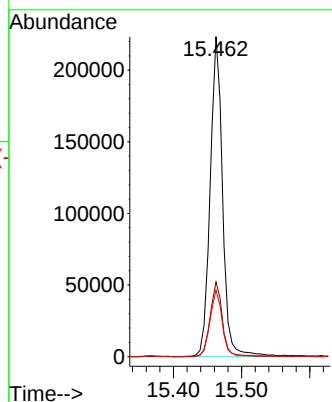
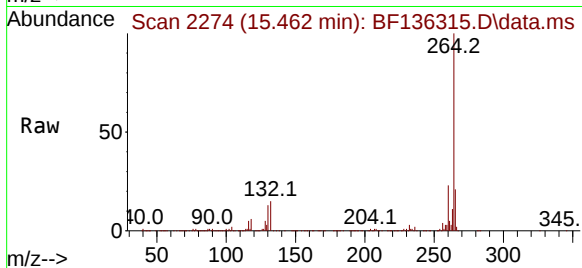
Tgt Ion:264 Resp: 283363

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 20.7 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.692 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.006 min

Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

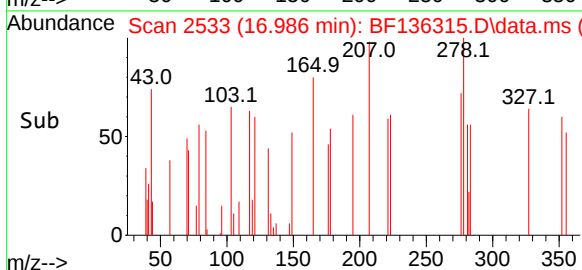
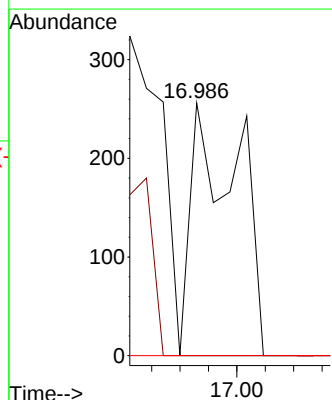
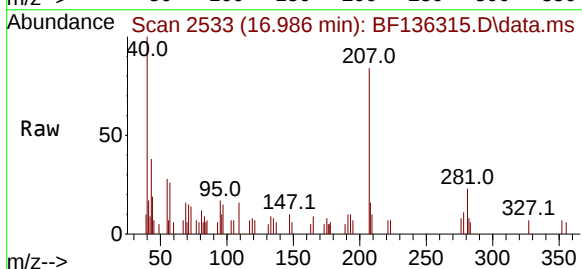
Tgt Ion:276 Resp: 289

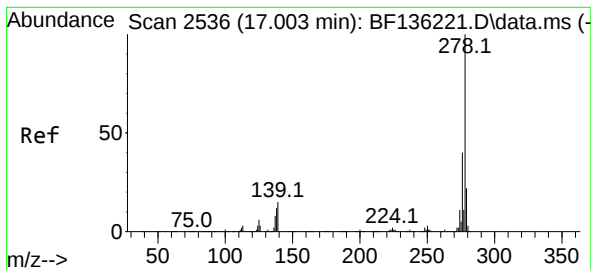
Ion Ratio Lower Upper

276 100

138 41.9 17.7 26.5#

277 0.0 19.6 29.4#





#91

Dibenzo(a,h)anthracene

Concen: 2.812 ng

RT: 16.956 min Scan# 21

Delta R.T. -0.047 min

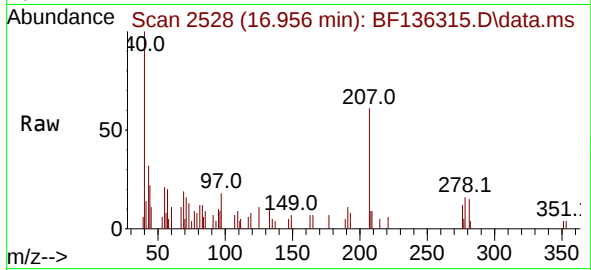
Lab File: BF136315.D

Acq: 30 Nov 2023 15:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 278 Resp: 1778

Ion Ratio Lower Upper

278 100

139 0.0 11.7 17.5#

279 0.0 17.8 26.8#

