

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136340.D
 Acq On : 01 Dec 2023 16:26
 Operator : CG\JU
 Sample : 05366-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-13(10-15)

Quant Time: Dec 04 06:00:59 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)

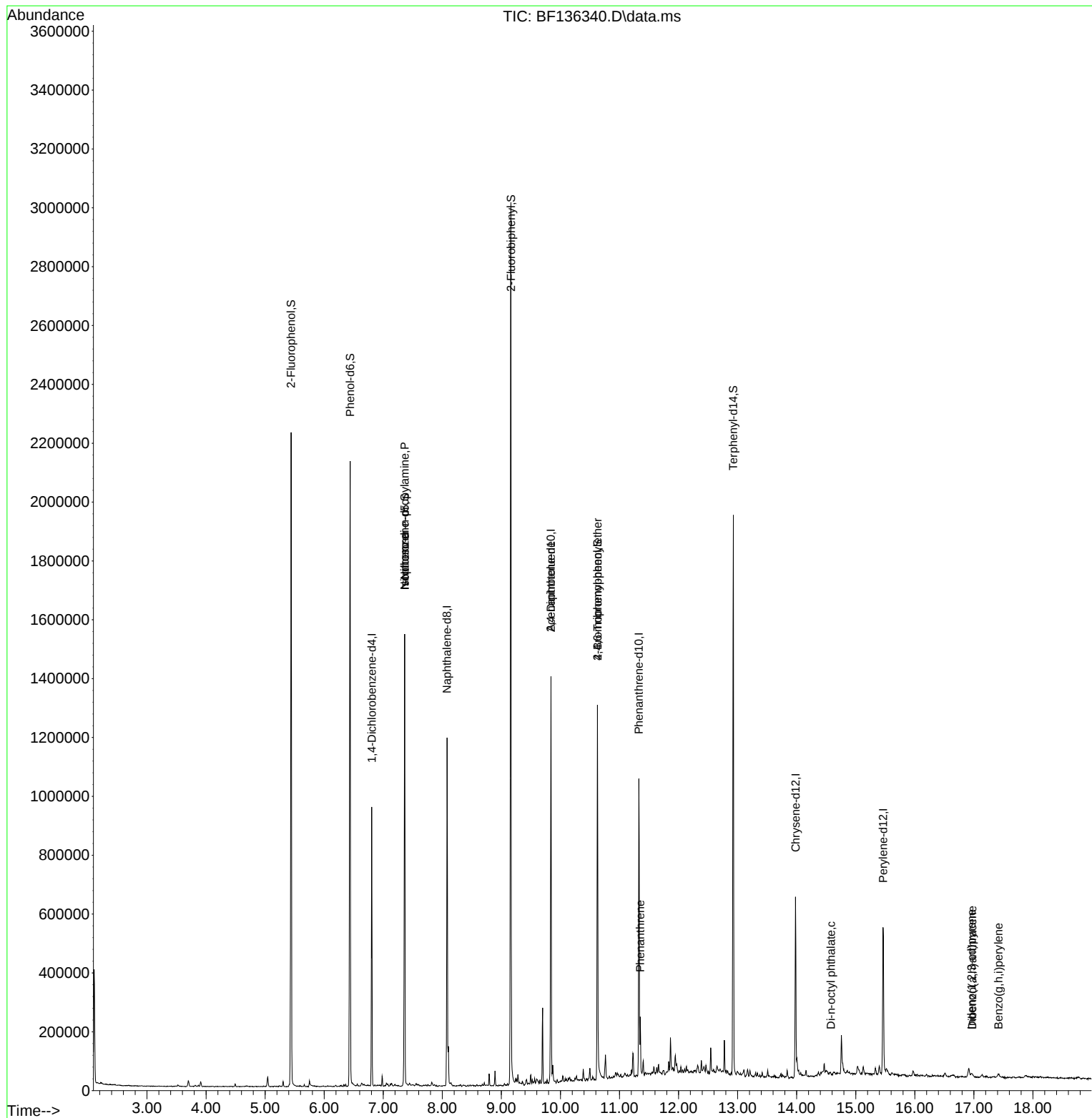
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	121985	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	510627	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	249108	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	372266	20.000	ng	0.00
76) Chrysene-d12	13.980	240	193965	20.000	ng	-0.01
86) Perylene-d12	15.463	264	238081	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	602786	68.778	ng	0.00
7) Phenol-d6	6.440	99	758559	69.221	ng	0.00
23) Nitrobenzene-d5	7.363	82	477549	49.420	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	163473	53.676	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	988996	50.711	ng	0.00
79) Terphenyl-d14	12.927	244	655997	39.011	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	63260	9.652	ng	# 74
25) Isophorone	7.363	82	477542	27.407	ng	# 68
57) 2,4-Dinitrotoluene	9.839	165	31566	6.144	ng	# 28
67) 4-Bromophenyl-phenylether	10.628	248	9761	2.247	ng	# 1
71) Phenanthrene	11.351	178	65452	3.128	ng	# 94
85) Di-n-octyl phthalate	14.580	149	124	5.171	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.962	276	10421	3.232	ng	# 85
91) Dibenzo(a,h)anthracene	16.974	278	5092	3.050	ng	# 69
92) Benzo(g,h,i)perylene	17.415	276	12014	2.706	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136340.D
Acq On : 01 Dec 2023 16:26
Operator : CG\JU
Sample : 05366-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-13(10-15)

Quant Time: Dec 04 06:00:59 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

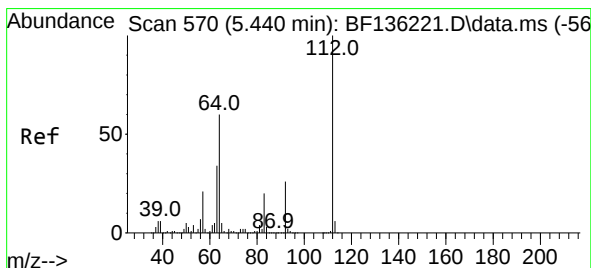
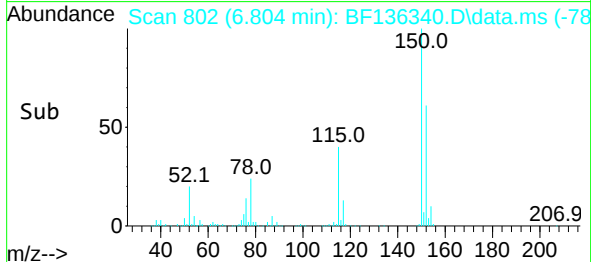
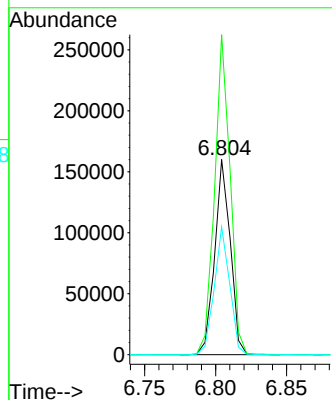
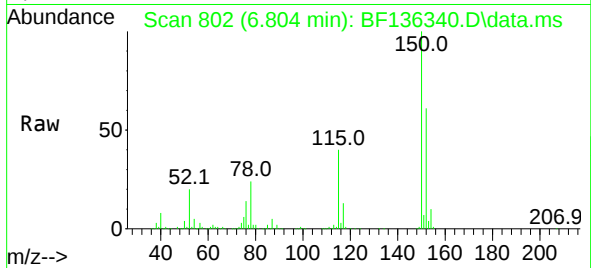




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

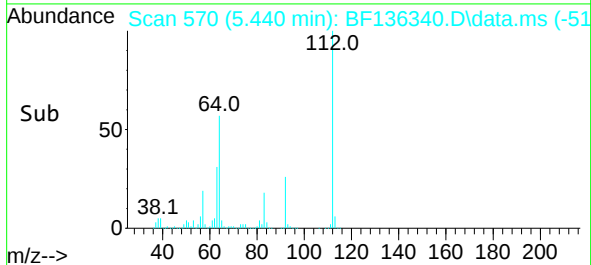
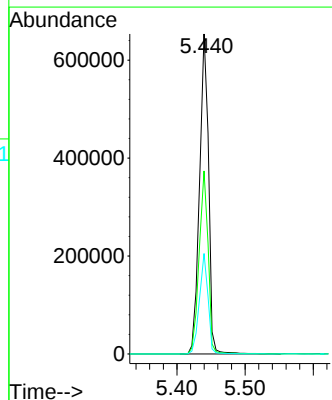
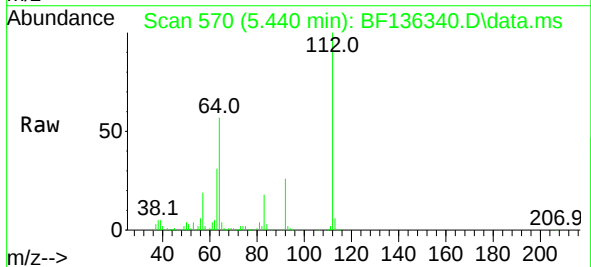
Instrument :
BNA_F
ClientSampleId :
P-13(10-15)

Tgt Ion:152 Resp: 121985
Ion Ratio Lower Upper
152 100
150 163.9 137.8 206.8
115 65.5 52.7 79.1



#5
2-Fluorophenol
Concen: 68.778 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

Tgt Ion:112 Resp: 602786
Ion Ratio Lower Upper
112 100
64 57.2 48.2 72.4
63 31.4 27.0 40.6

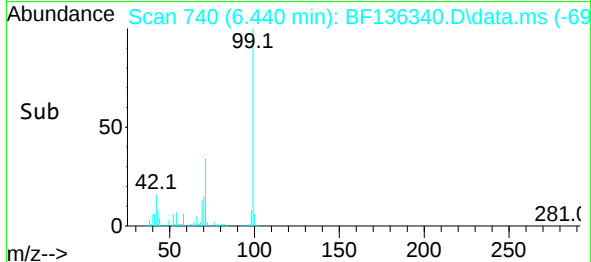
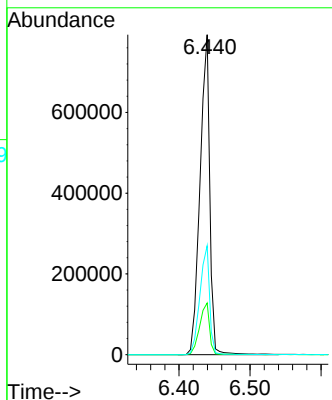
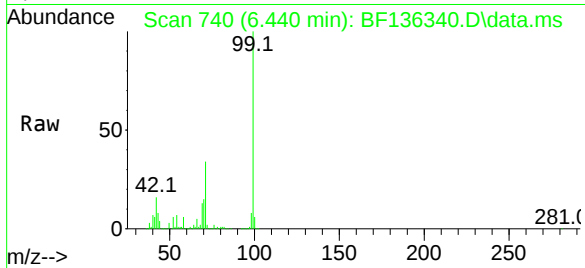




#7
Phenol-d6
Concen: 69.221 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

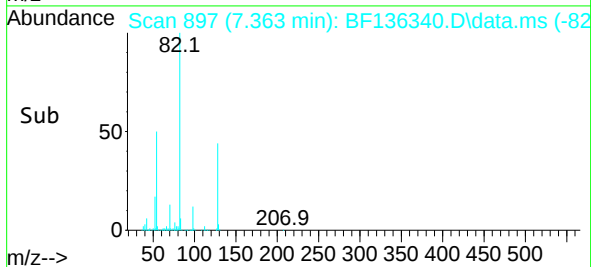
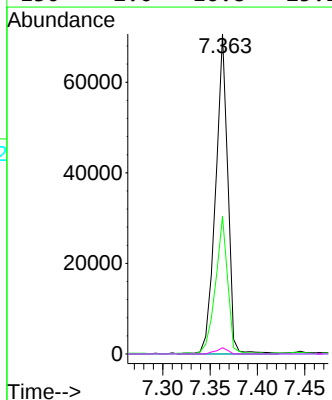
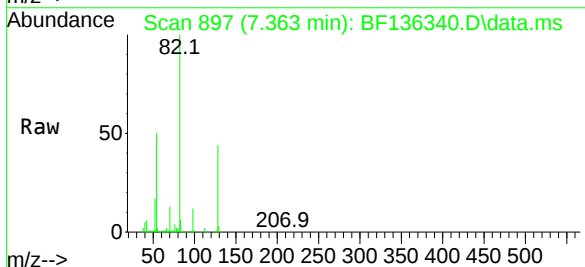
Instrument :
BNA_F
ClientSampleId :
P-13(10-15)

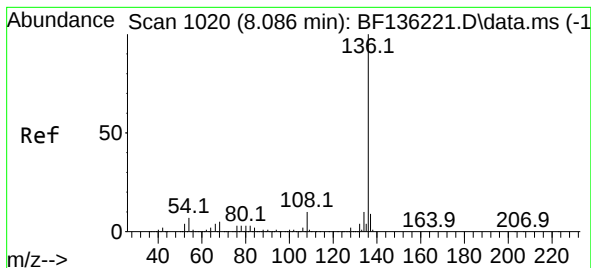
Tgt Ion: 99 Resp: 758559
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.6
71 34.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.652 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

Tgt Ion: 70 Resp: 63260
Ion Ratio Lower Upper
70 100
42 43.1 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# 1

Delta R.T. -0.006 min

Lab File: BF136340.D

Acq: 01 Dec 2023 16:26

Instrument :

BNA_F

ClientSampleId :

P-13(10-15)

Tgt Ion:136 Resp: 510627

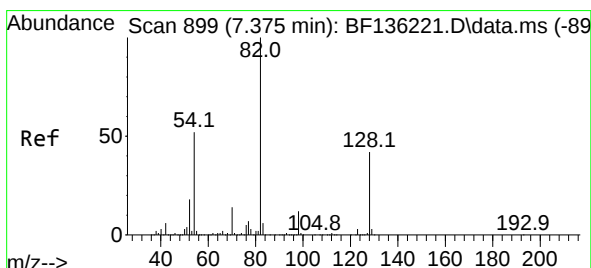
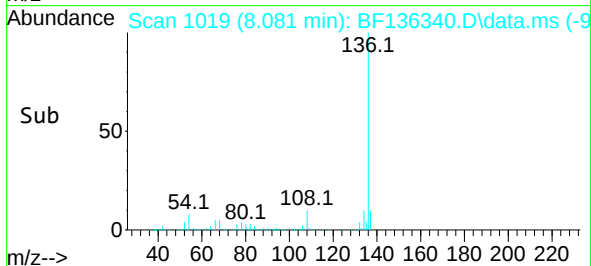
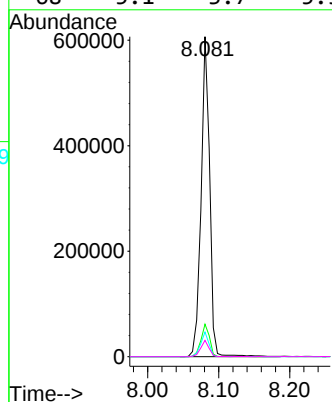
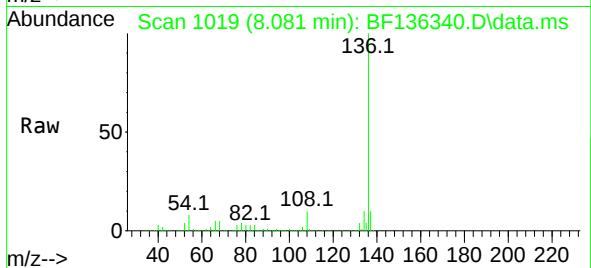
Ion Ratio Lower Upper

136 100

137 10.1 7.4 11.2

54 7.7 5.5 8.3

68 5.1 3.7 5.5



#23

Nitrobenzene-d5

Concen: 49.420 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136340.D

Acq: 01 Dec 2023 16:26

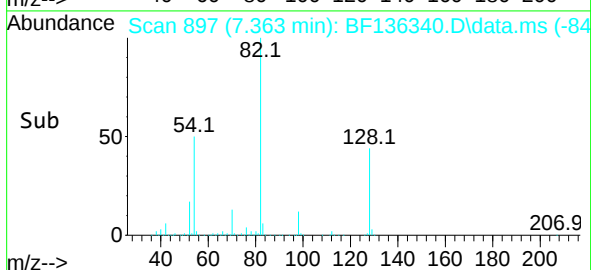
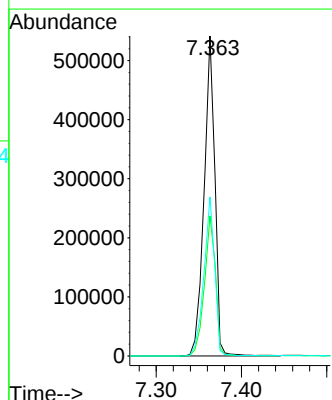
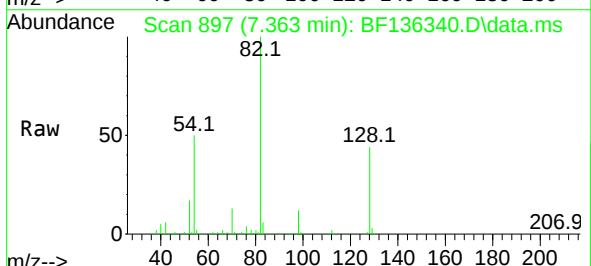
Tgt Ion: 82 Resp: 477549

Ion Ratio Lower Upper

82 100

128 43.8 33.4 50.2

54 49.7 41.7 62.5

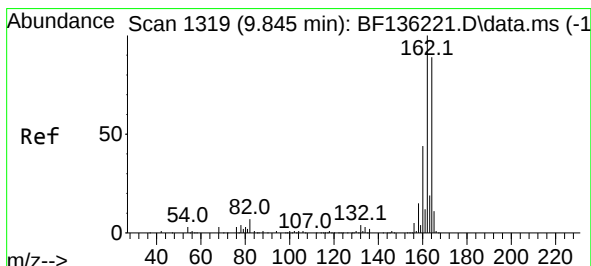
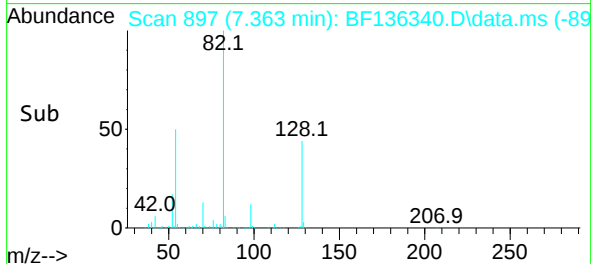
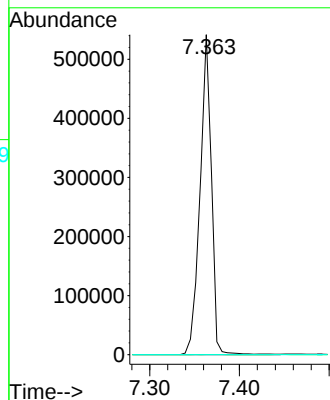
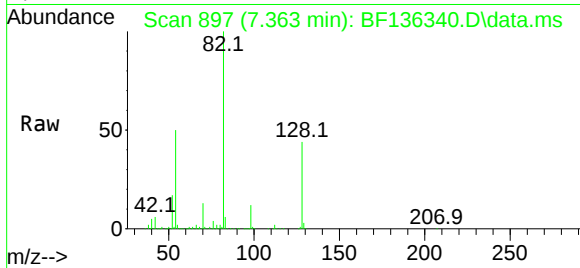




#25
Isophorone
Concen: 27.407 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

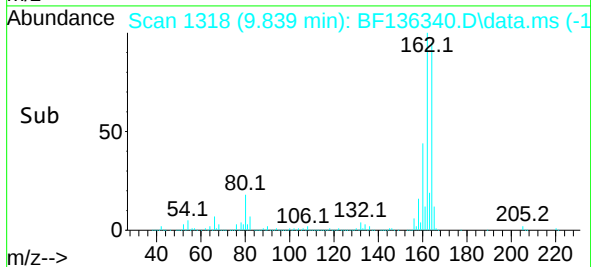
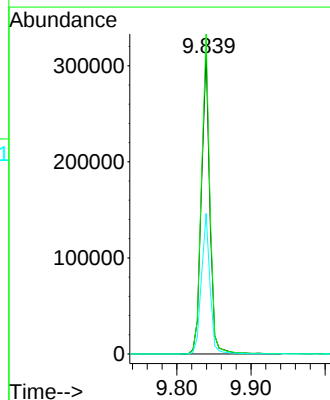
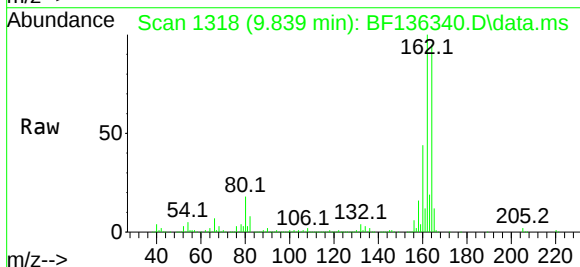
Instrument :
BNA_F
ClientSampleId :
P-13(10-15)

Tgt Ion: 82 Resp: 477542
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: BF136340.D
Acq: 01 Dec 2023 16:26

Tgt Ion: 164 Resp: 249108
Ion Ratio Lower Upper
164 100
162 105.8 89.5 134.3
160 46.5 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 53.676 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136340.D

Acq: 01 Dec 2023 16:26

Instrument :

BNA_F

ClientSampleId :

P-13(10-15)

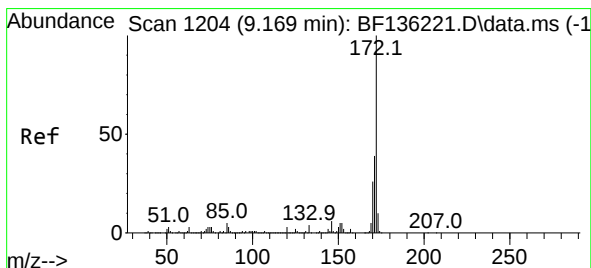
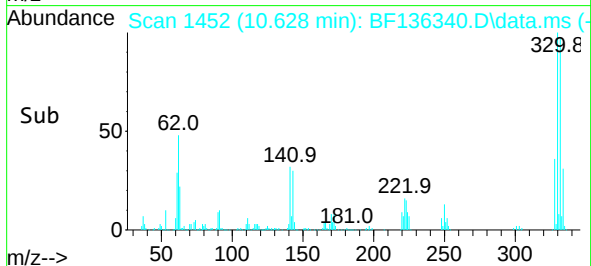
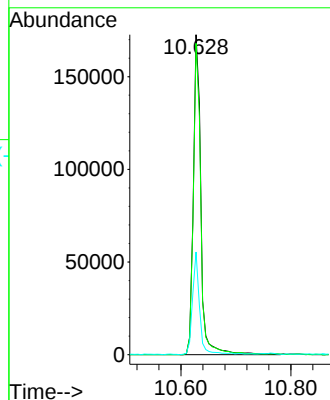
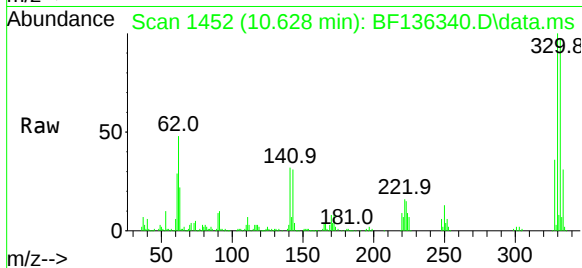
Tgt Ion:330 Resp: 163473

Ion Ratio Lower Upper

330 100

332 95.6 73.0 109.6

141 30.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 50.711 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136340.D

Acq: 01 Dec 2023 16:26

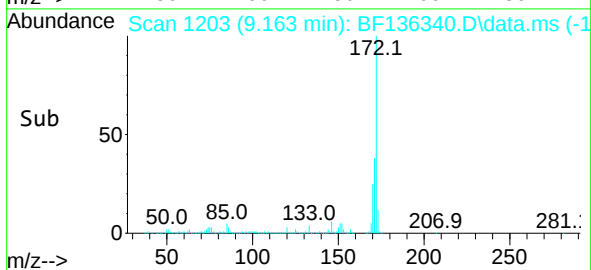
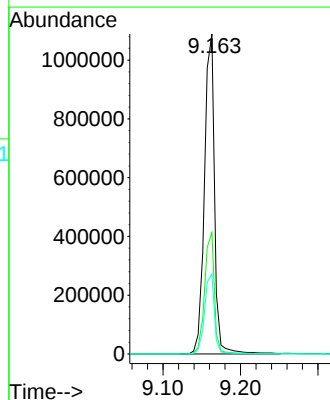
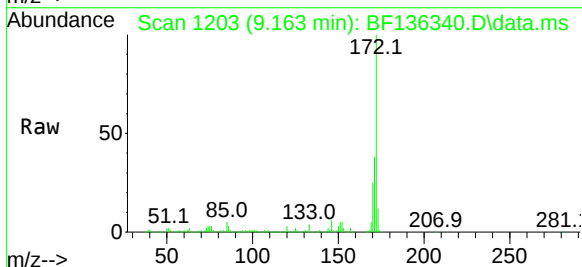
Tgt Ion:172 Resp: 988996

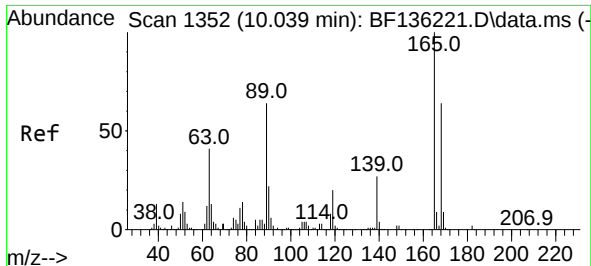
Ion Ratio Lower Upper

172 100

171 38.0 31.5 47.3

170 25.0 20.8 31.2

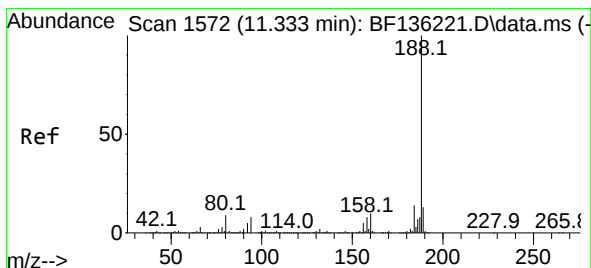
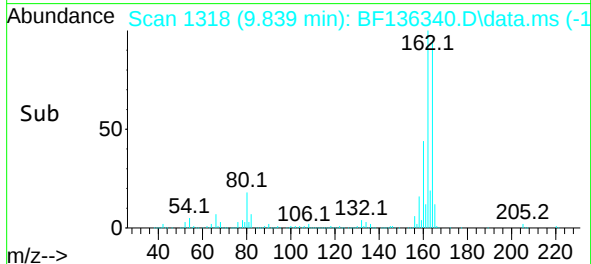
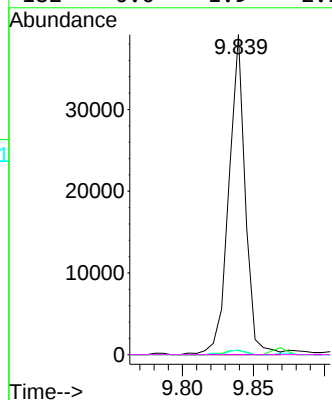
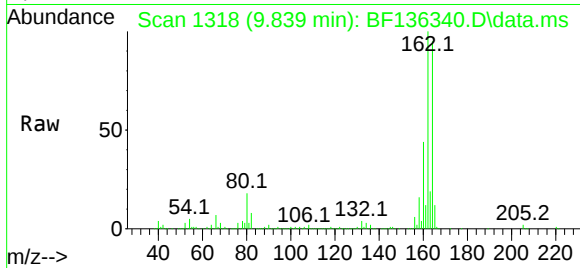




#57
2,4-Dinitrotoluene
Concen: 6.144 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

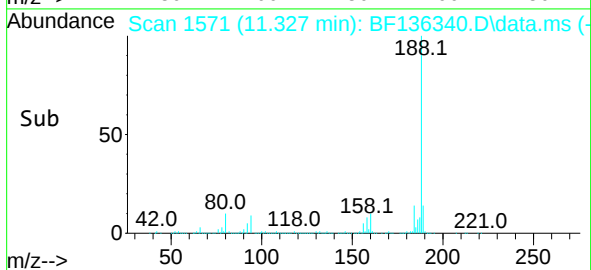
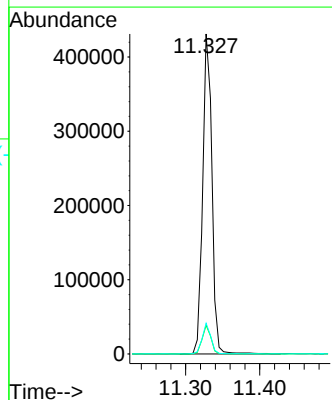
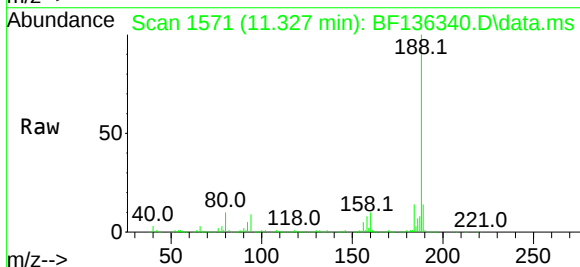
Instrument :
BNA_F
ClientSampleId :
P-13(10-15)

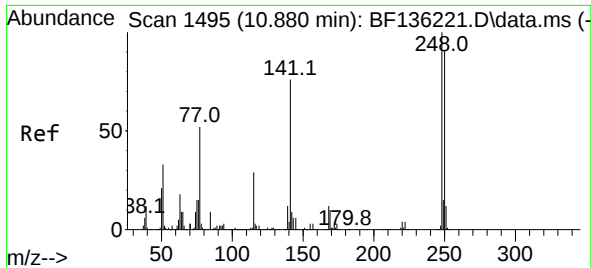
Tgt Ion:165 Resp: 31566
Ion Ratio Lower Upper
165 100
63 1.3 33.0 49.4#
89 1.5 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

Tgt Ion:188 Resp: 372266
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.6 7.2 10.8

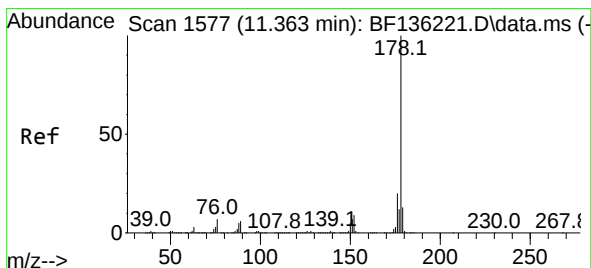
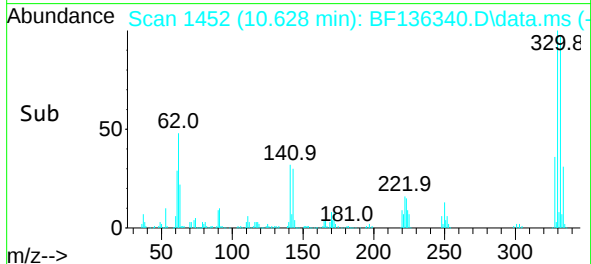
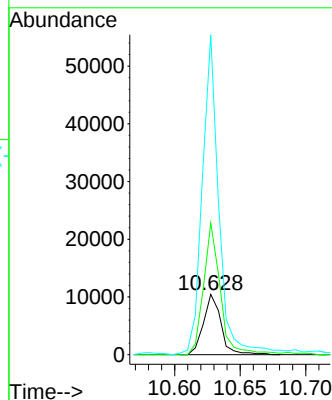
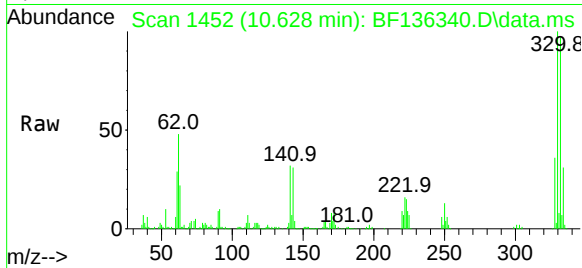




#67
4-Bromophenyl-phenylether
Concen: 2.247 ng
RT: 10.628 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

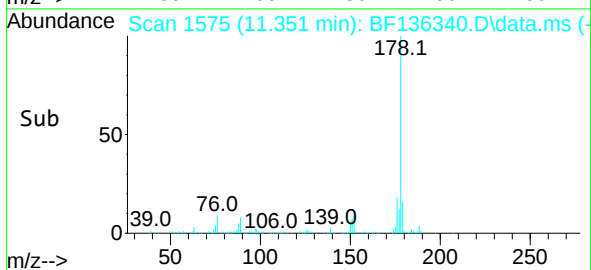
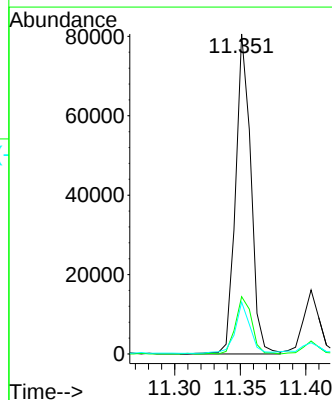
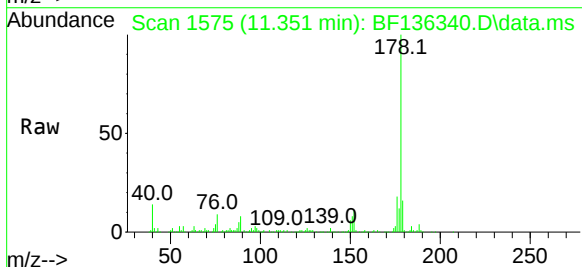
Instrument :
BNA_F
ClientSampleId :
P-13(10-15)

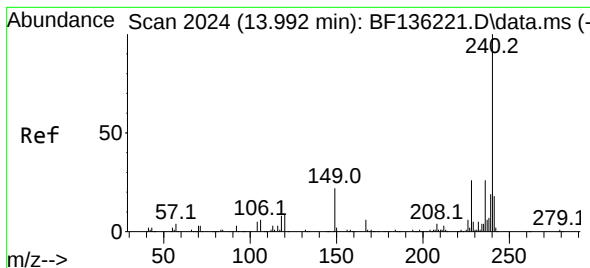
Tgt Ion:248 Resp: 9761
Ion Ratio Lower Upper
248 100
250 218.5 72.5 108.7#
141 530.7 60.8 91.2#



#71
Phenanthrene
Concen: 3.128 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

Tgt Ion:178 Resp: 65452
Ion Ratio Lower Upper
178 100
176 17.9 16.2 24.2
179 16.2 10.3 15.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136340.D

Acq: 01 Dec 2023 16:26

Instrument :

BNA_F

ClientSampleId :

P-13(10-15)

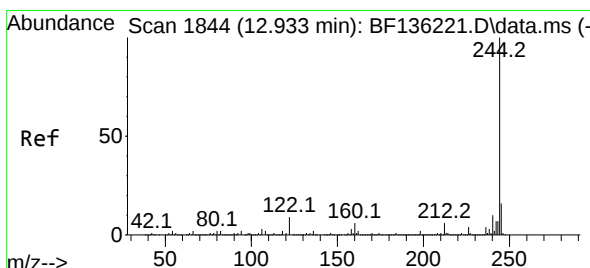
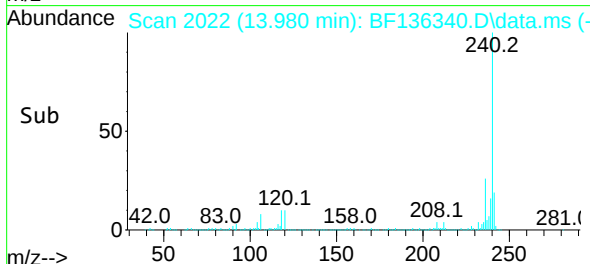
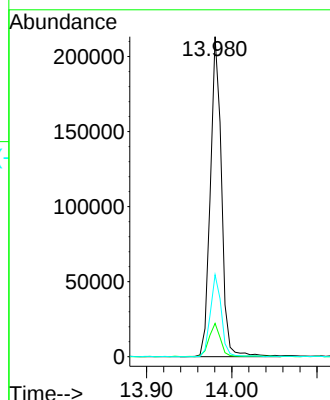
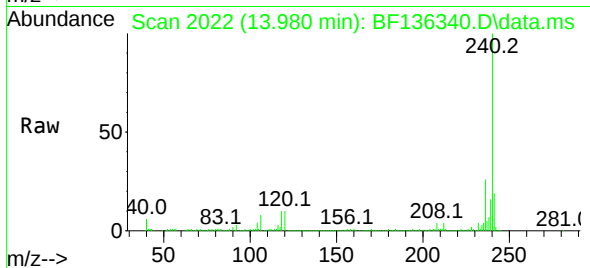
Tgt Ion:240 Resp: 193965

Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.2

236 25.6 21.1 31.7



#79

Terphenyl-d14

Concen: 39.011 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136340.D

Acq: 01 Dec 2023 16:26

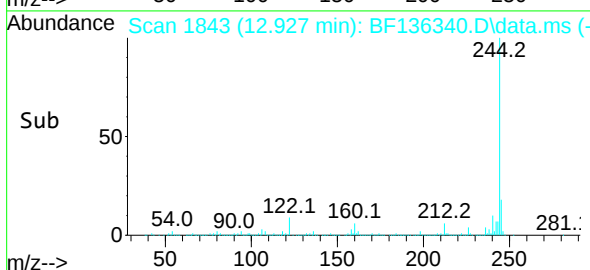
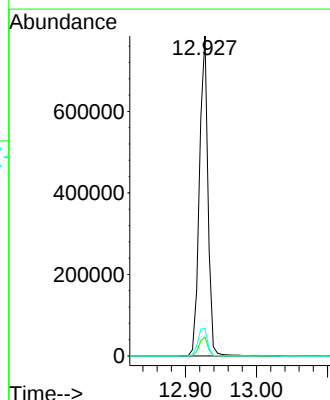
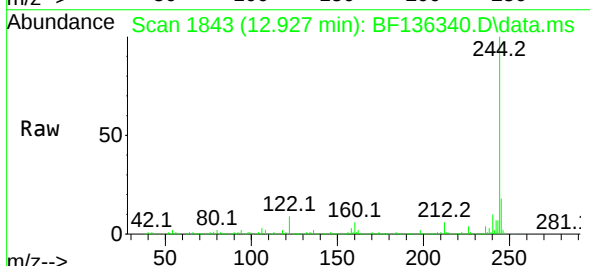
Tgt Ion:244 Resp: 655997

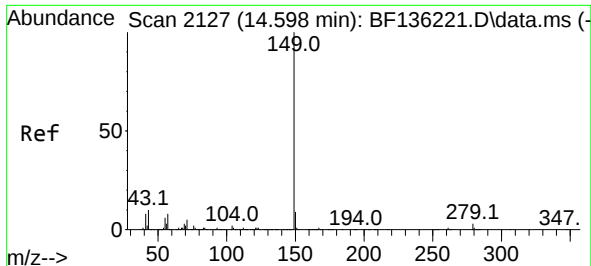
Ion Ratio Lower Upper

244 100

212 5.9 4.6 7.0

122 8.6 7.3 10.9

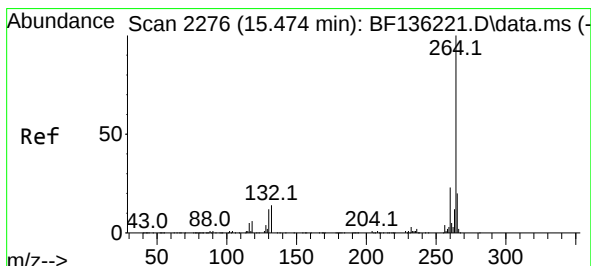
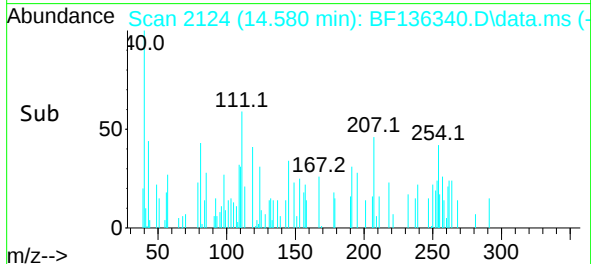
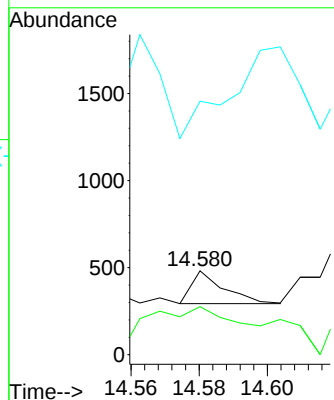
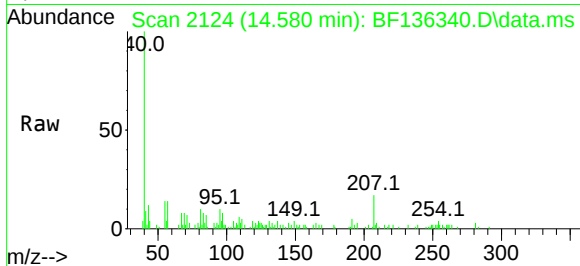




#85
Di-n-octyl phthalate
Concen: 5.171 ng
RT: 14.580 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

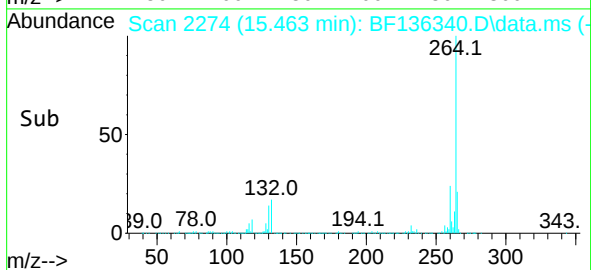
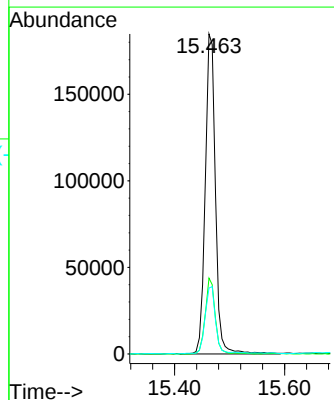
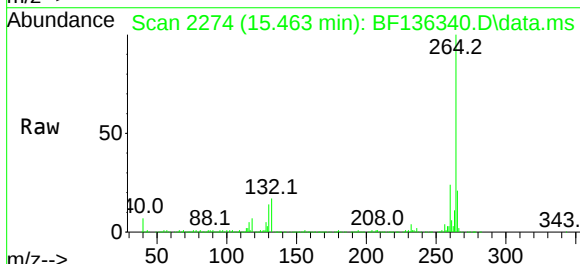
Instrument :
BNA_F
ClientSampleId :
P-13(10-15)

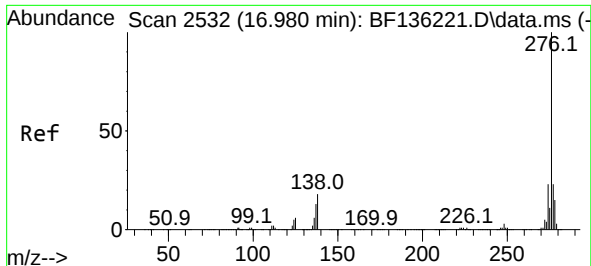
Tgt Ion:149 Resp: 124
Ion Ratio Lower Upper
149 100
167 535.5 1.0 1.6#
43 456.5 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.011 min
Lab File: BF136340.D
Acq: 01 Dec 2023 16:26

Tgt Ion:264 Resp: 238081
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 20.6 15.7 23.5

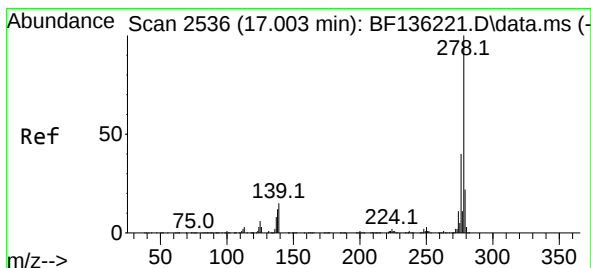
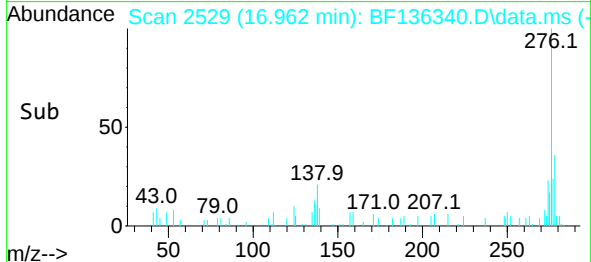
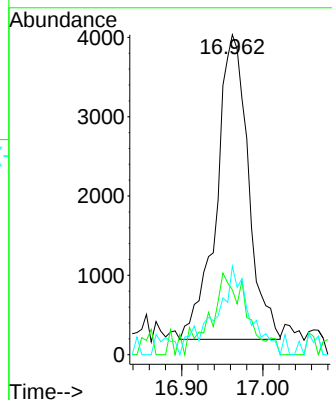
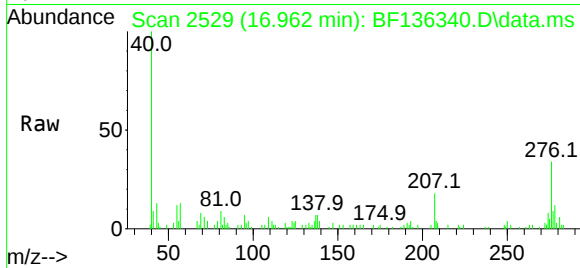




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.232 ng
 RT: 16.962 min Scan# 2529
 Delta R.T. -0.018 min
 Lab File: BF136340.D
 Acq: 01 Dec 2023 16:26

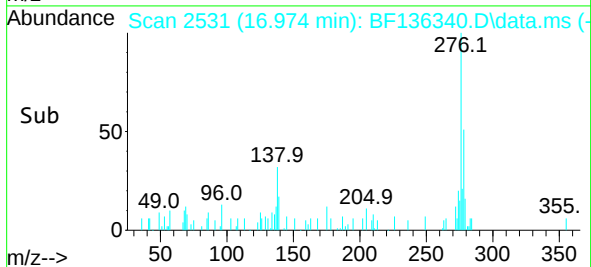
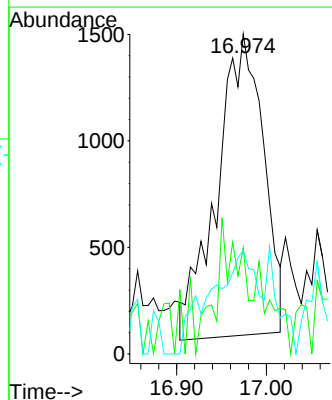
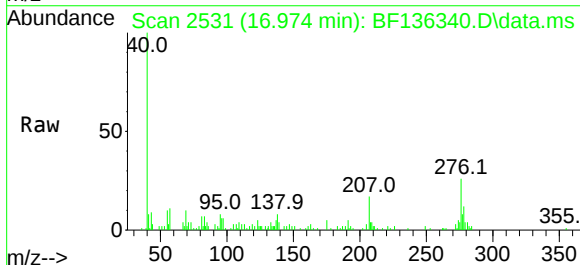
Instrument :
 BNA_F
 ClientSampleId :
 P-13(10-15)

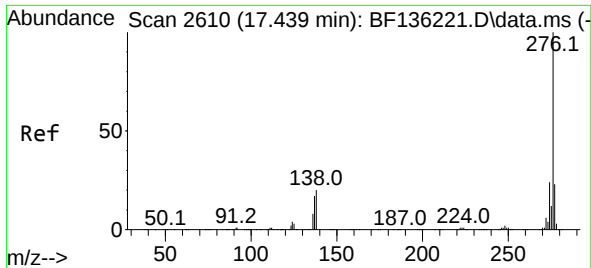
Tgt Ion:276 Resp: 10421
 Ion Ratio Lower Upper
 276 100
 138 30.2 17.7 26.5#
 277 31.5 19.6 29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.050 ng
 RT: 16.974 min Scan# 2531
 Delta R.T. -0.029 min
 Lab File: BF136340.D
 Acq: 01 Dec 2023 16:26

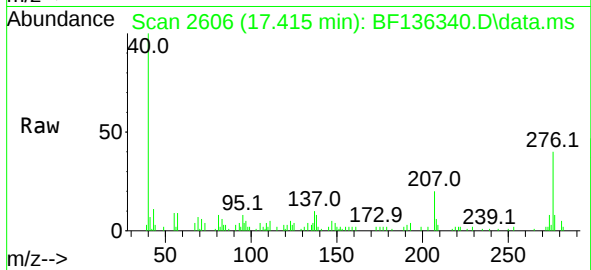
Tgt Ion:278 Resp: 5092
 Ion Ratio Lower Upper
 278 100
 139 33.2 11.7 17.5#
 279 32.4 17.8 26.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.706 ng
 RT: 17.415 min Scan# 20
 Delta R.T. -0.024 min
 Lab File: BF136340.D
 Acq: 01 Dec 2023 16:26

Instrument :
 BNA_F
 ClientSampleId :
 P-13(10-15)



Tgt Ion:	276	Resp:	12014
Ion Ratio	Lower	Upper	
276	100		
277	21.1	18.6	27.8
138	19.9	15.8	23.8

