

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136228.D
 Acq On : 27 Nov 2023 18:20
 Operator : CG\JU
 Sample : 05470-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 28 04:09:31 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)

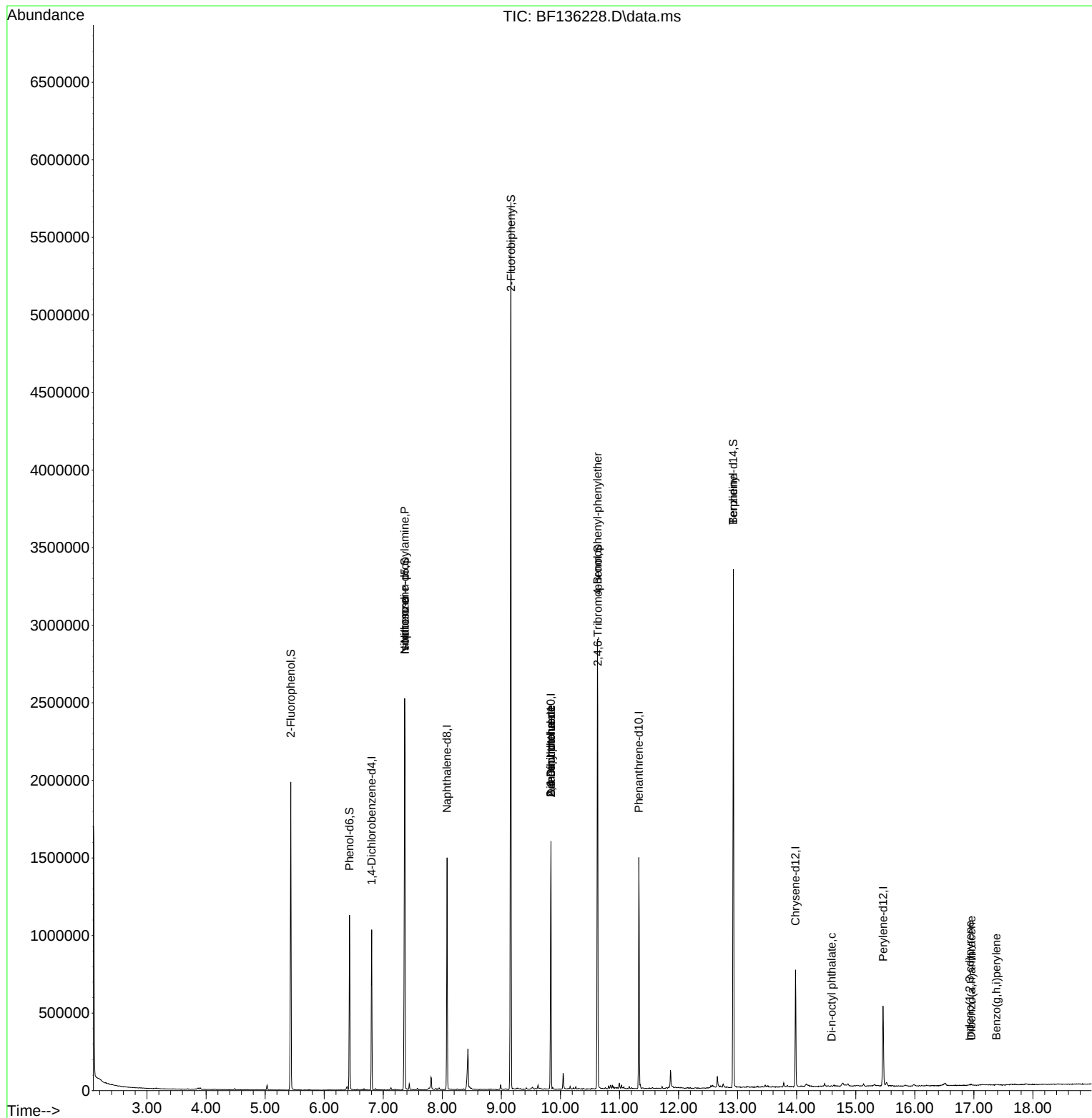
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	133759	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	582840	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	292651	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	510725	20.000	ng	0.00
76) Chrysene-d12	13.980	240	239328	20.000	ng	-0.01
86) Perylene-d12	15.462	264	238489	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	469287	48.832	ng	0.00
7) Phenol-d6	6.428	99	344019	28.630	ng	-0.02
23) Nitrobenzene-d5	7.363	82	873464	79.193	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	383960	107.314	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1716172	74.904	ng	0.00
79) Terphenyl-d14	12.927	244	1128730	54.401	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	118006	16.420	ng	# 76
25) Isophorone	7.363	82	872008	43.846	ng	# 68
50) Dimethylphthalate	9.839	163	62832	2.841	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	36671	8.115	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	36671	6.075	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	21424	3.596	ng	# 1
77) Benzidine	12.927	184	13387	3.403	ng	# 93
85) Di-n-octyl phthalate	14.592	149	1132	5.226	ng	# 78
87) Indeno(1,2,3-cd)pyrene	16.927	276	2503	2.812	ng	# 65
91) Dibenzo(a,h)anthracene	16.956	278	3699	2.957	ng	# 83
92) Benzo(g,h,i)perylene	17.380	276	3480	2.134	ng	93

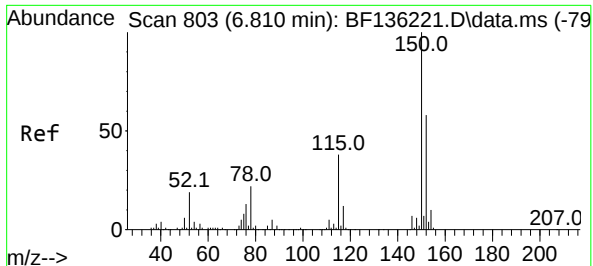
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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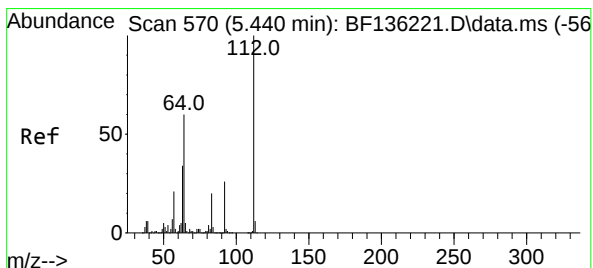
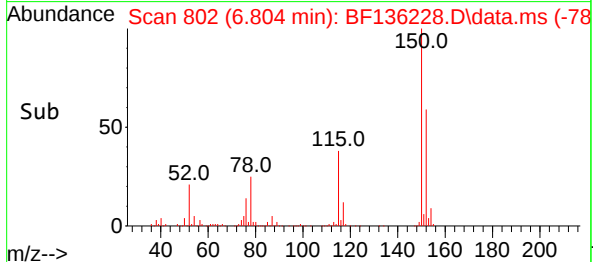
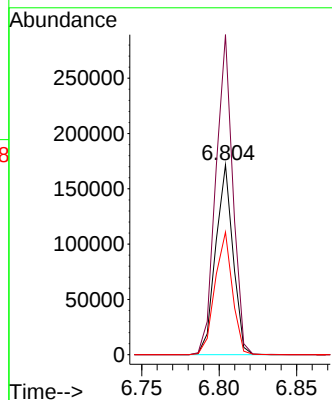
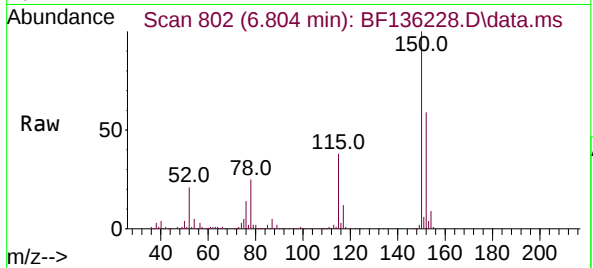




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

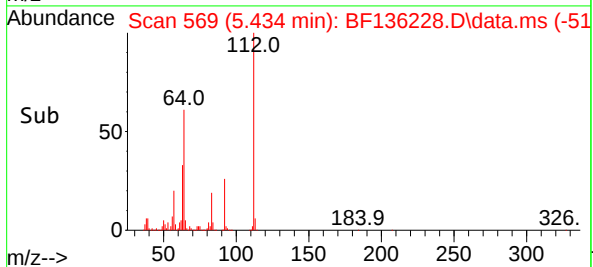
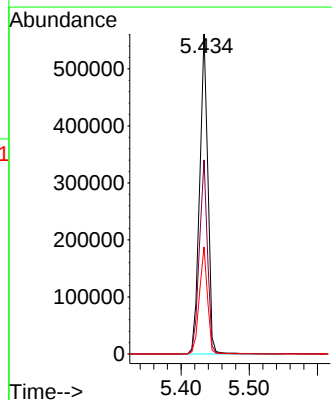
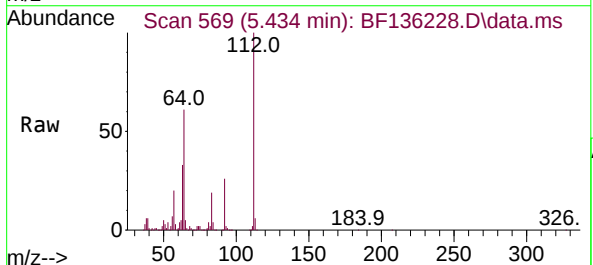
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 133759
Ion Ratio Lower Upper
152 100
150 168.4 137.8 206.8
115 64.5 52.7 79.1



#5
2-Fluorophenol
Concen: 48.832 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

Tgt Ion:112 Resp: 469287
Ion Ratio Lower Upper
112 100
64 60.7 48.2 72.4
63 33.4 27.0 40.6

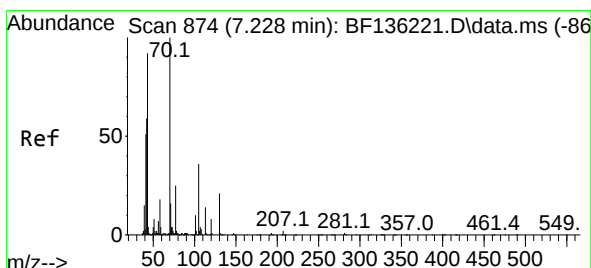
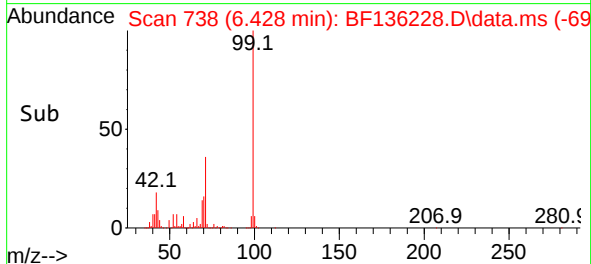
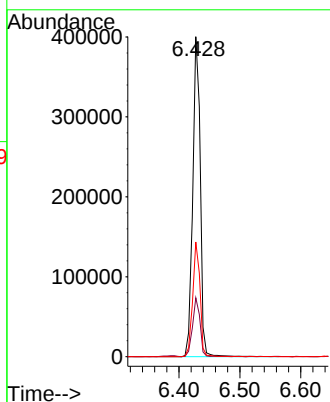
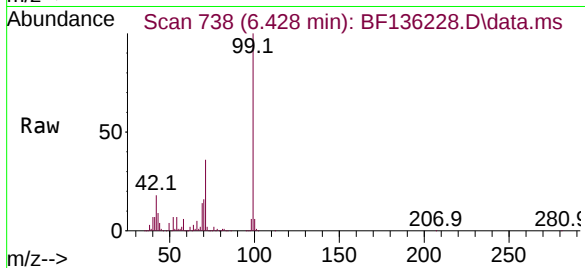




#7
Phenol-d6
Concen: 28.630 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

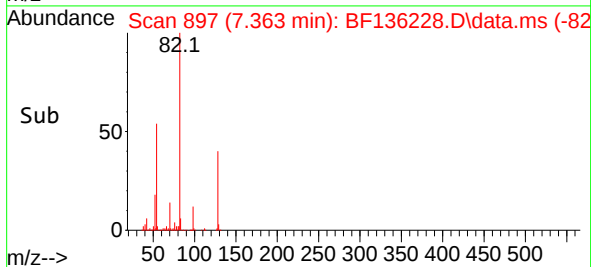
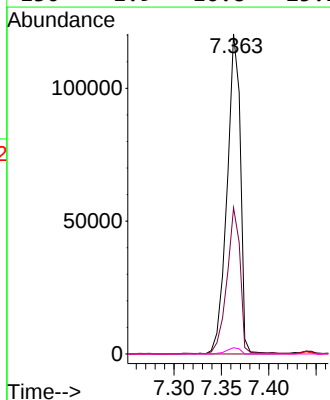
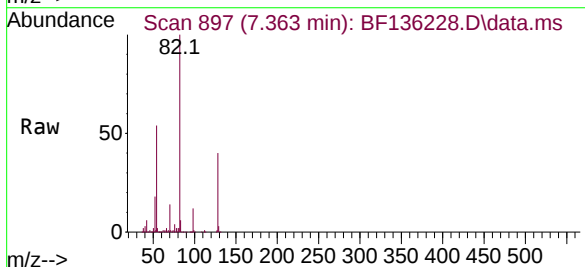
Instrument :
BNA_F
ClientSampleId :
TP-1

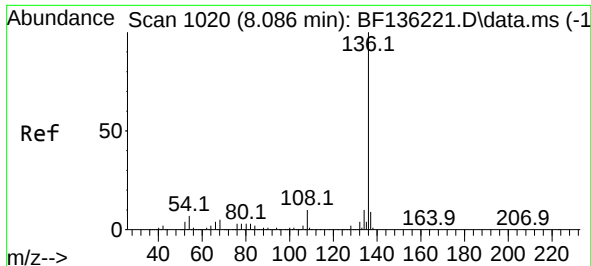
Tgt Ion: 99 Resp: 344019
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.6
71 35.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.420 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

Tgt Ion: 70 Resp: 118006
Ion Ratio Lower Upper
70 100
42 45.7 47.0 70.4#
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#

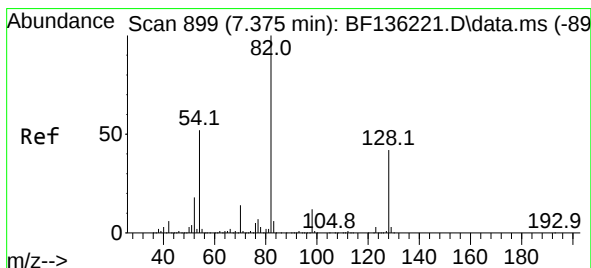
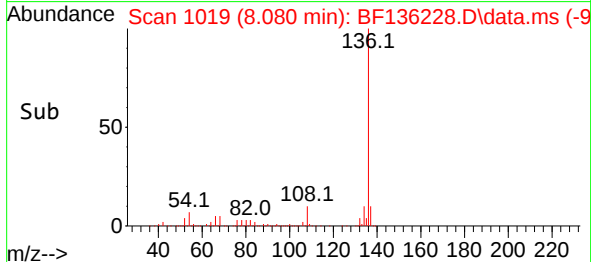
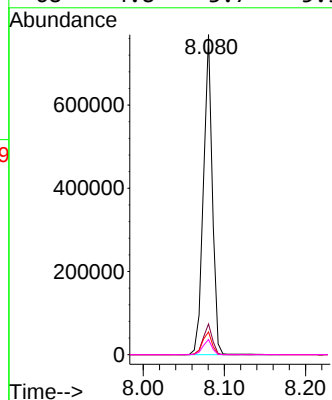
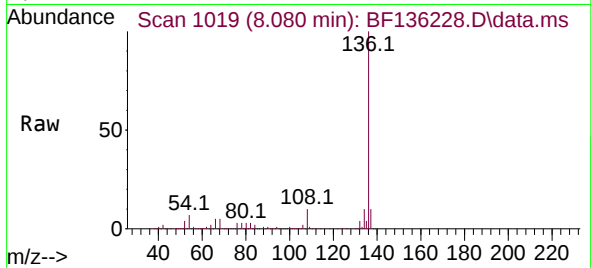




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

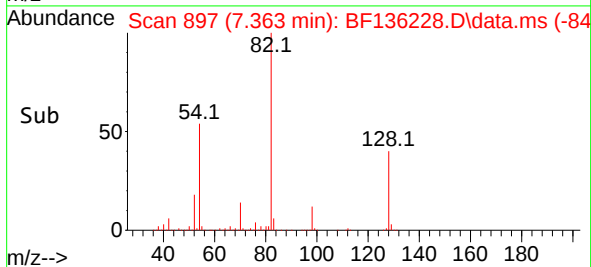
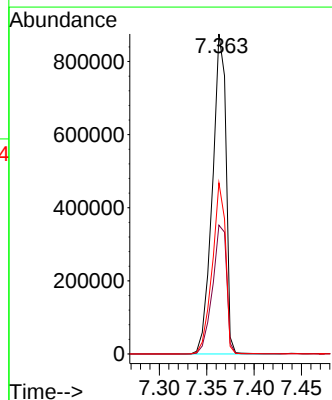
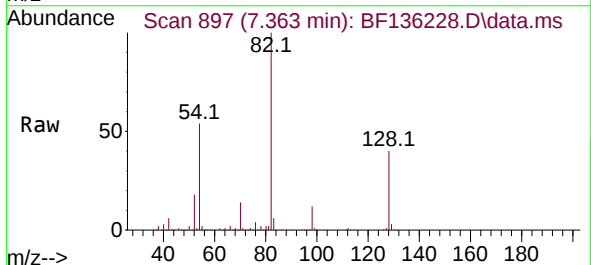
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 582840
Ion Ratio Lower Upper
136 100
137 9.6 7.4 11.2
54 7.1 5.5 8.3
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 79.193 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

Tgt Ion: 82 Resp: 873464
Ion Ratio Lower Upper
82 100
128 40.2 33.4 50.2
54 53.5 41.7 62.5

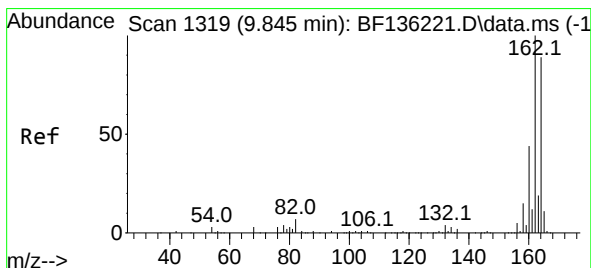
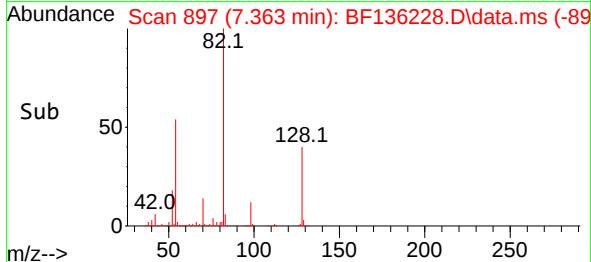
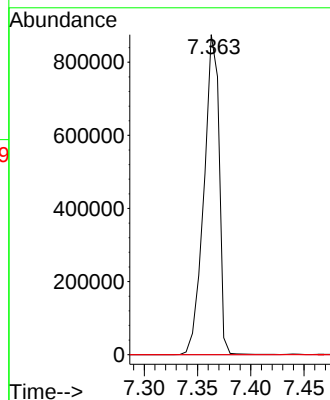
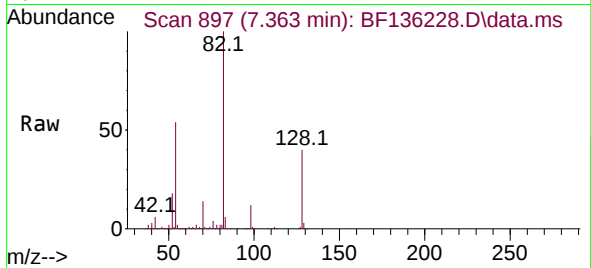




#25
Isophorone
Concen: 43.846 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

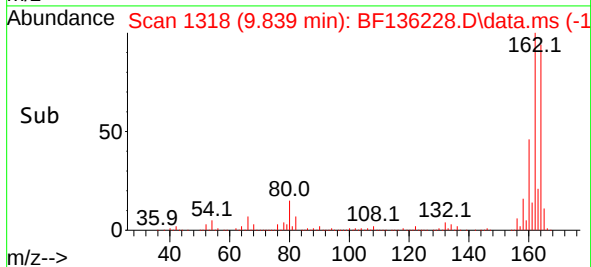
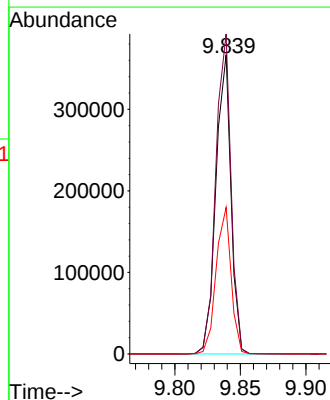
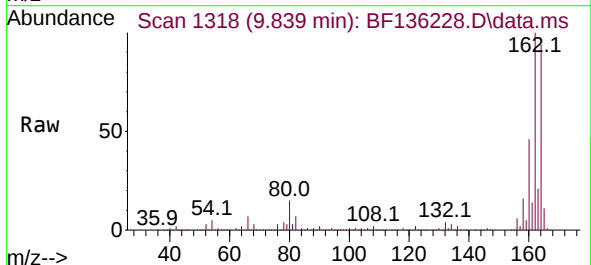
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 872008
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: BF136228.D
Acq: 27 Nov 2023 18:20

Tgt Ion: 164 Resp: 292651
Ion Ratio Lower Upper
164 100
162 106.9 89.5 134.3
160 49.0 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 107.314 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136228.D

Acq: 27 Nov 2023 18:20

Instrument :

BNA_F

ClientSampleId :

TP-1

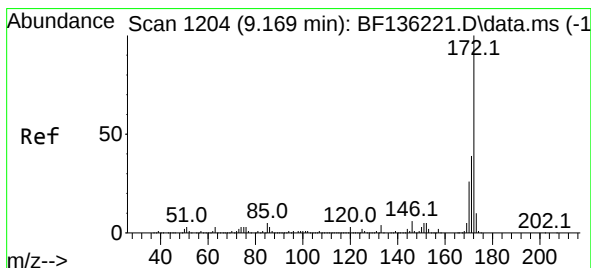
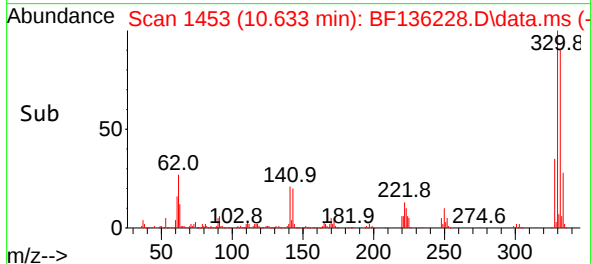
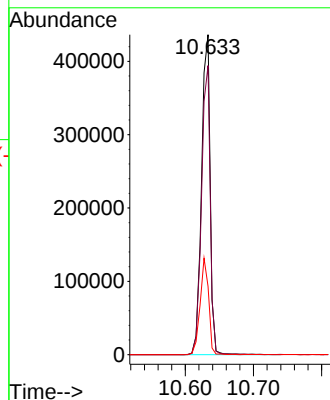
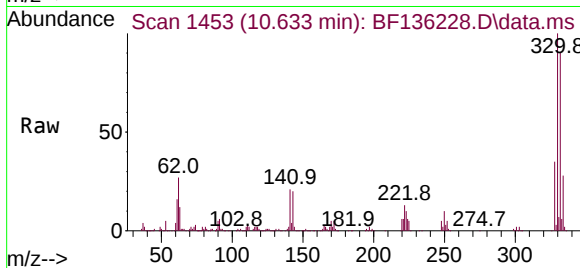
Tgt Ion:330 Resp: 383960

Ion Ratio Lower Upper

330 100

332 91.3 73.0 109.6

141 29.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 74.904 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136228.D

Acq: 27 Nov 2023 18:20

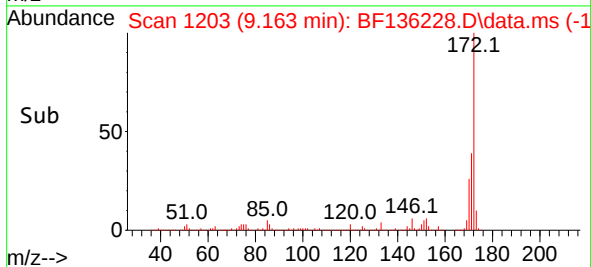
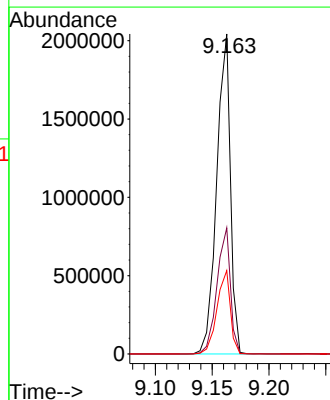
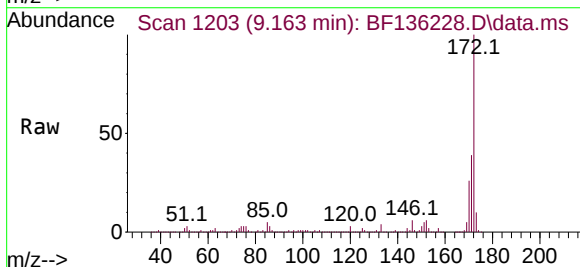
Tgt Ion:172 Resp: 1716172

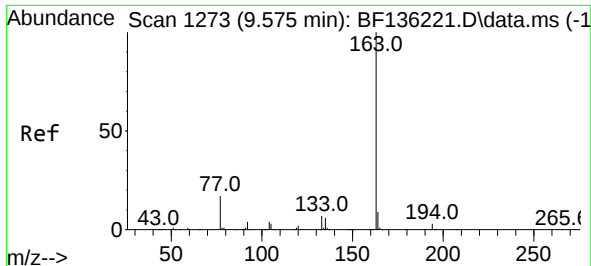
Ion Ratio Lower Upper

172 100

171 39.4 31.5 47.3

170 26.1 20.8 31.2

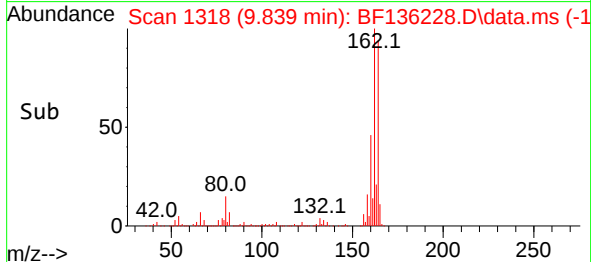
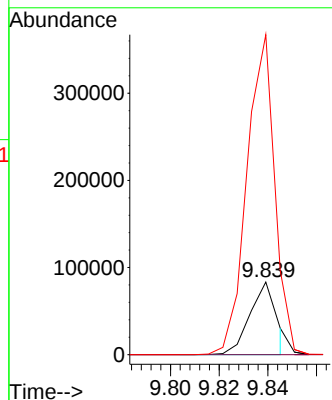
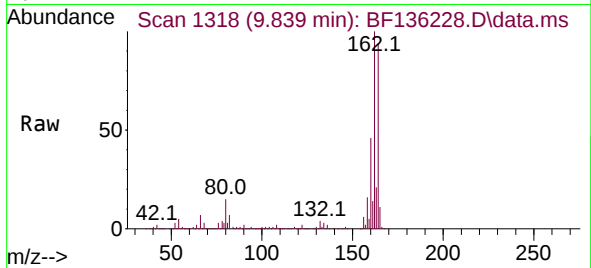




#50
Dimethylphthalate
Concen: 2.841 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

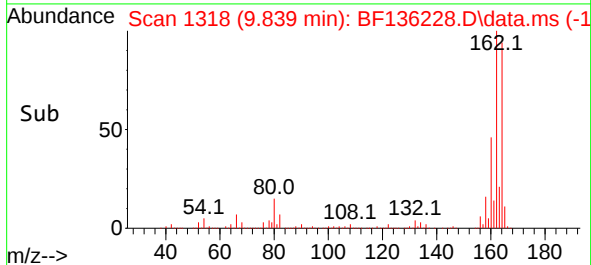
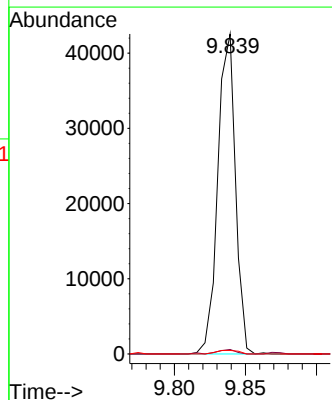
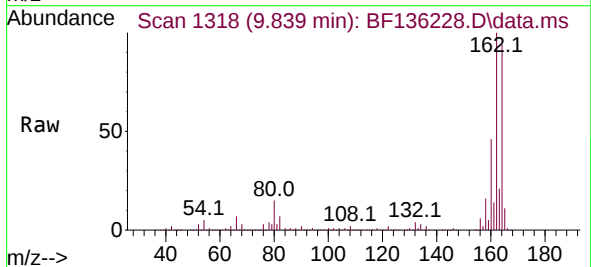
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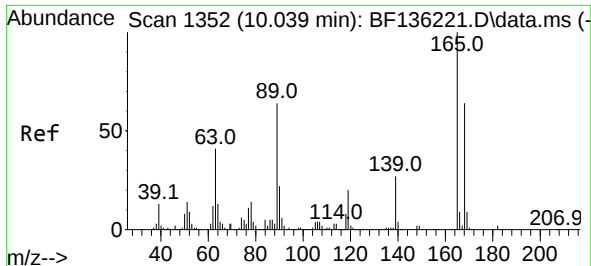
Tgt Ion:163 Resp: 62832
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 440.4 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.115 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

Tgt Ion:165 Resp: 36671
Ion Ratio Lower Upper
165 100
63 1.4 46.2 69.2#
89 1.1 44.9 67.3#





#57
2,4-Dinitrotoluene
Concen: 6.075 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

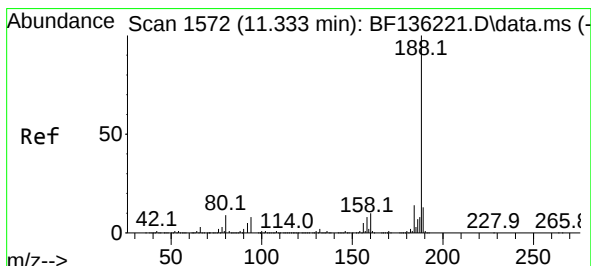
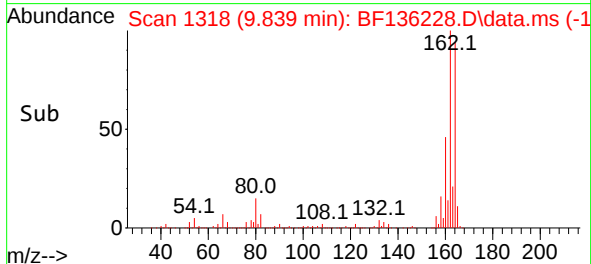
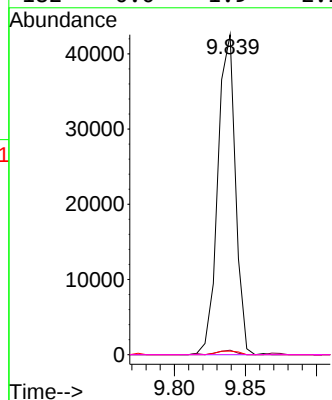
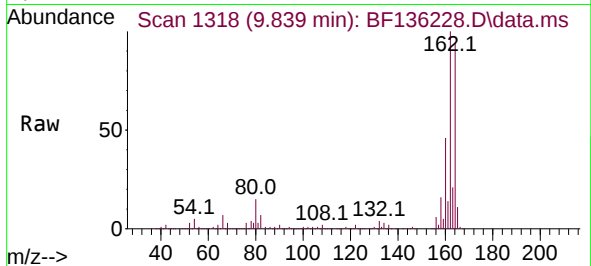
Instrument :

BNA_F

ClientSampleId :

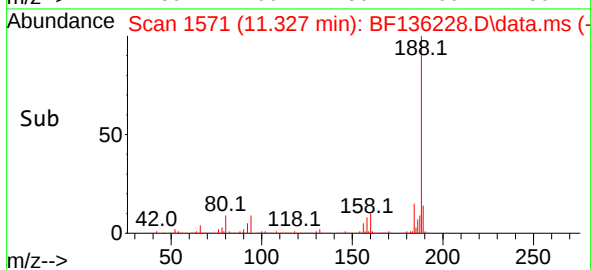
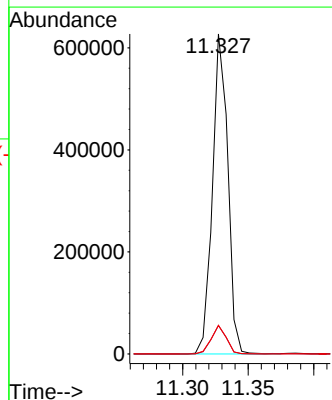
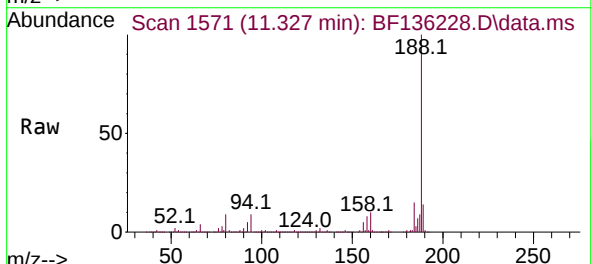
TP-1

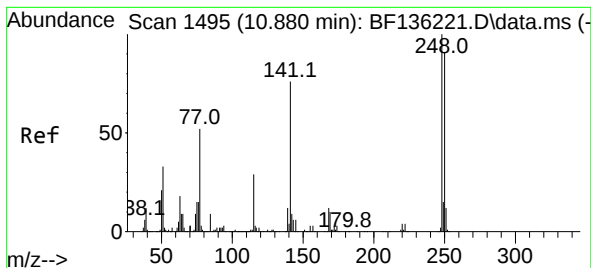
Tgt Ion:165 Resp: 36671
Ion Ratio Lower Upper
165 100
63 1.4 33.0 49.4#
89 1.1 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

Tgt Ion:188 Resp: 510725
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.0 7.2 10.8

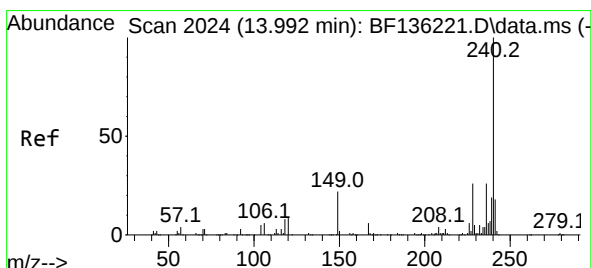
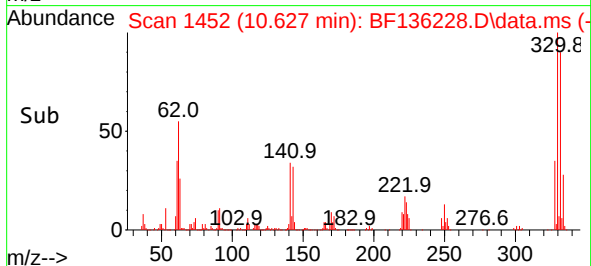
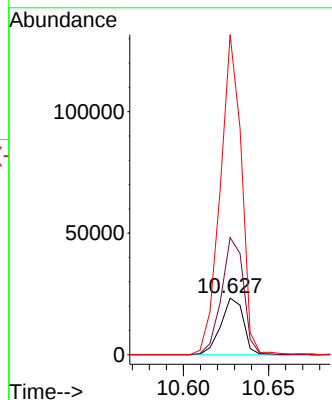
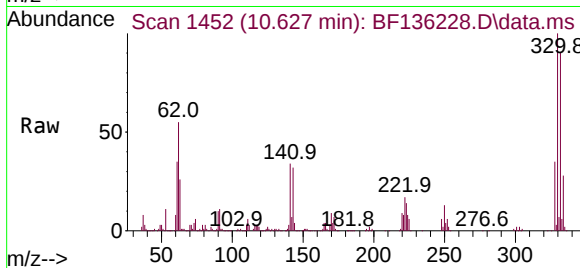




#67
4-Bromophenyl-phenylether
Concen: 3.596 ng
RT: 10.627 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

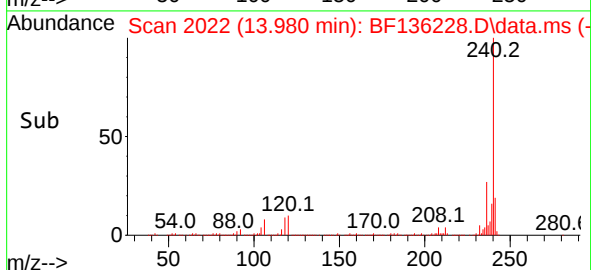
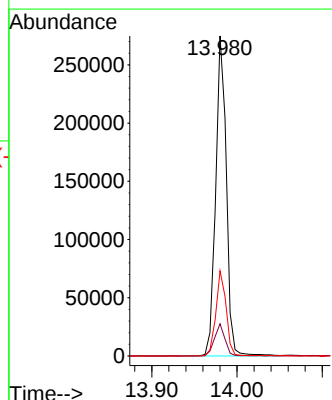
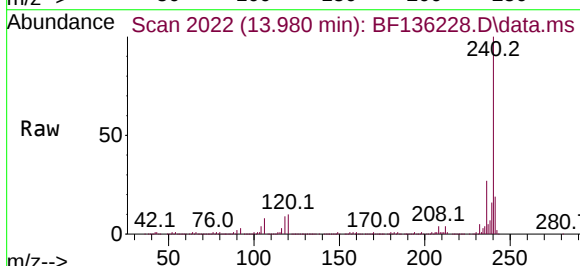
Instrument :
BNA_F
ClientSampleId :
TP-1

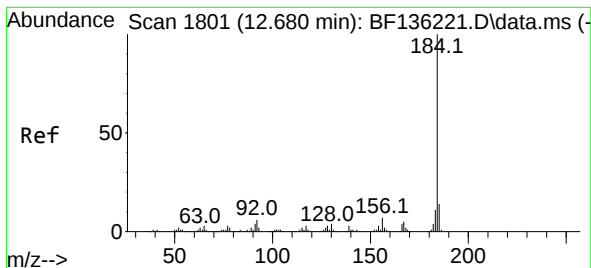
Tgt Ion:248 Resp: 21424
Ion Ratio Lower Upper
248 100
250 206.6 72.5 108.7#
141 564.7 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

Tgt Ion:240 Resp: 239328
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.2
236 26.6 21.1 31.7





#77

Benzidine

Concen: 3.403 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.247 min

Lab File: BF136228.D

Acq: 27 Nov 2023 18:20

Instrument :

BNA_F

ClientSampleId :

TP-1

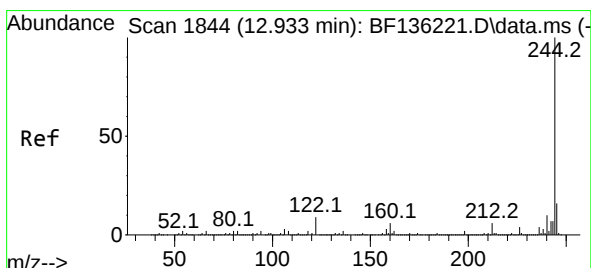
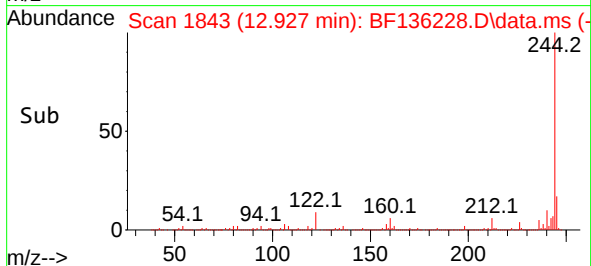
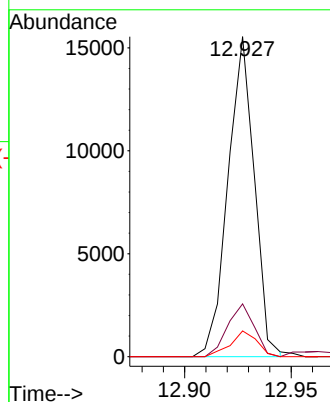
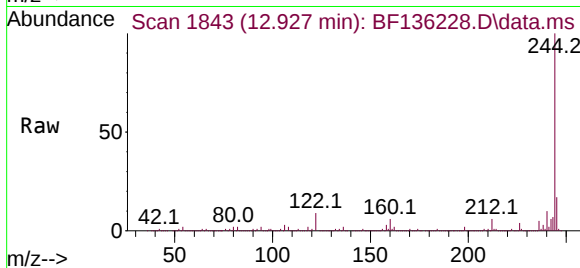
Tgt Ion:184 Resp: 13387

Ion Ratio Lower Upper

184 100

185 16.5 11.0 16.6

183 8.1 9.0 13.4#



#79

Terphenyl-d14

Concen: 54.401 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136228.D

Acq: 27 Nov 2023 18:20

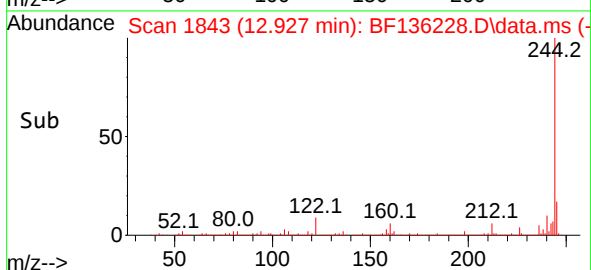
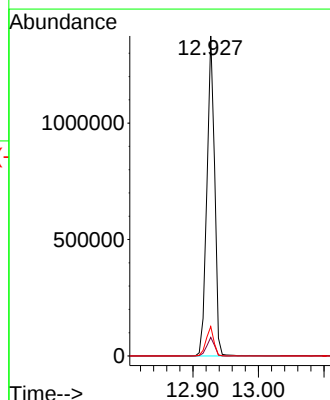
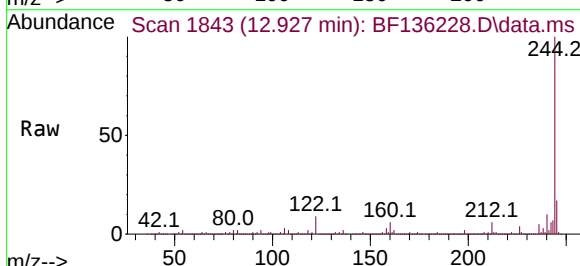
Tgt Ion:244 Resp: 1128730

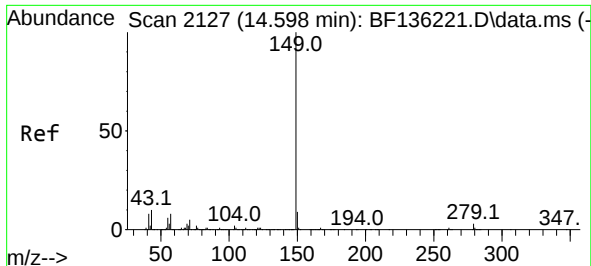
Ion Ratio Lower Upper

244 100

212 5.8 4.6 7.0

122 9.2 7.3 10.9

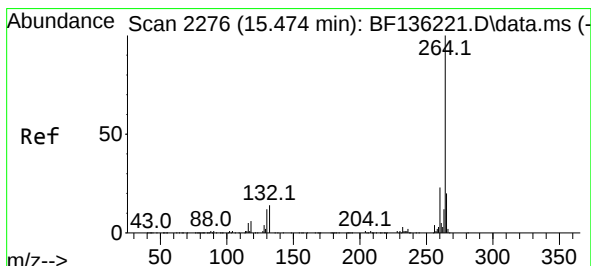
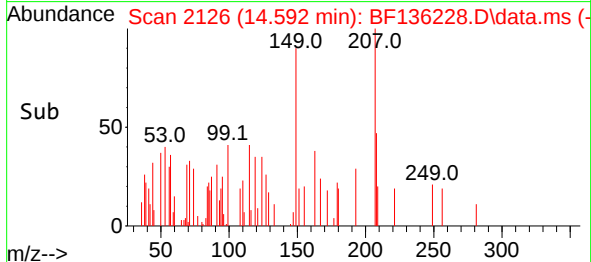
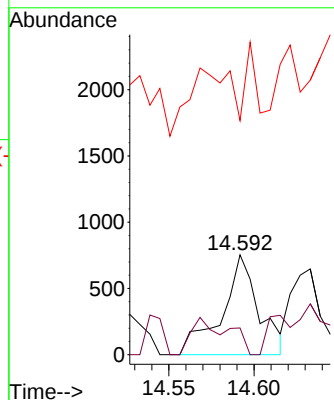
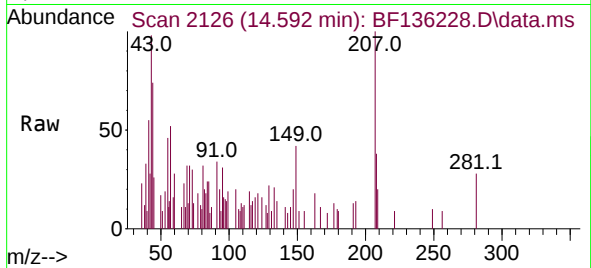




#85
Di-n-octyl phthalate
Concen: 5.226 ng
RT: 14.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

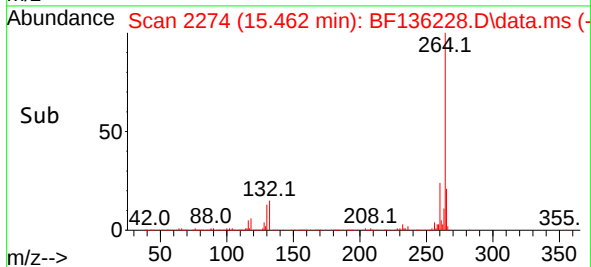
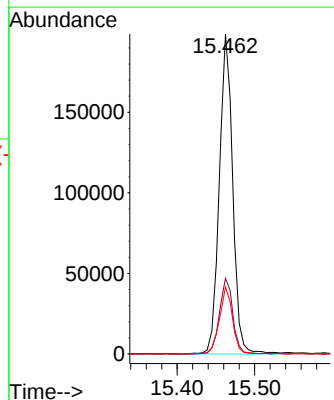
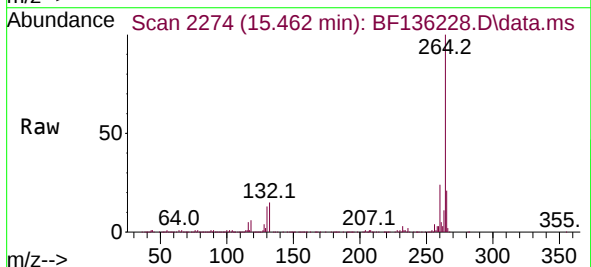
Instrument :
BNA_F
ClientSampleId :
TP-1

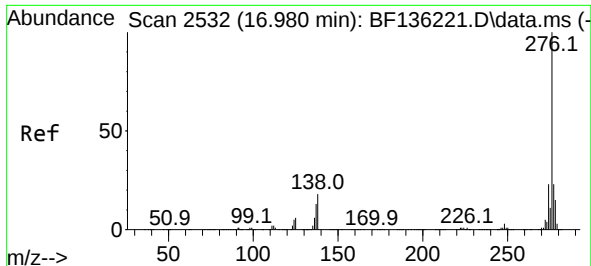
Tgt Ion:149 Resp: 1132
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 0.0 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF136228.D
Acq: 27 Nov 2023 18:20

Tgt Ion:264 Resp: 238489
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 20.9 15.7 23.5

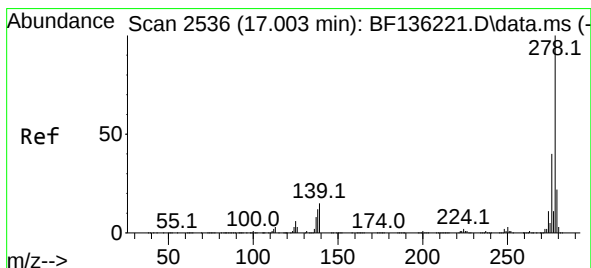
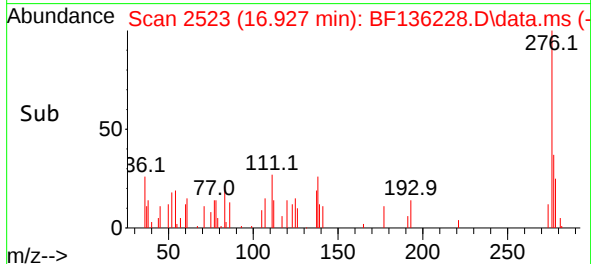
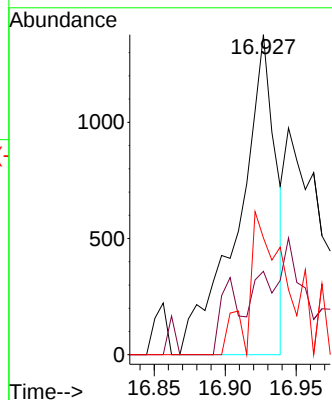
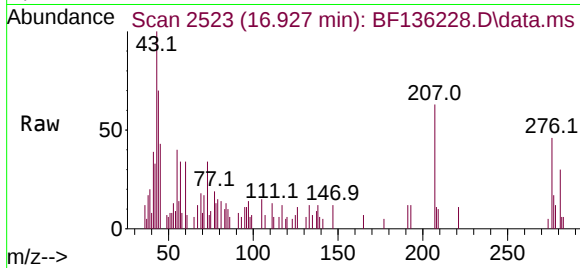




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.812 ng
 RT: 16.927 min Scan# 21
 Delta R.T. -0.053 min
 Lab File: BF136228.D
 Acq: 27 Nov 2023 18:20

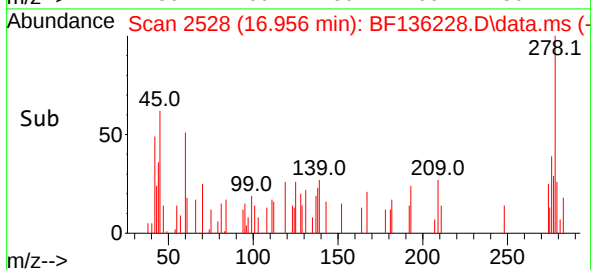
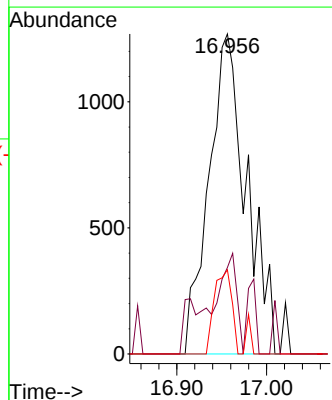
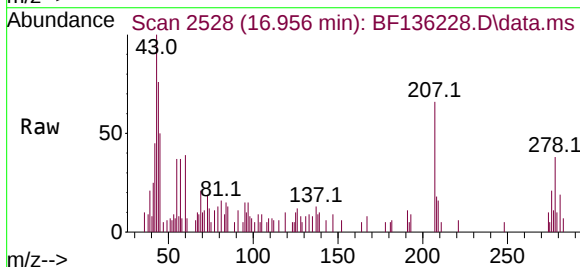
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

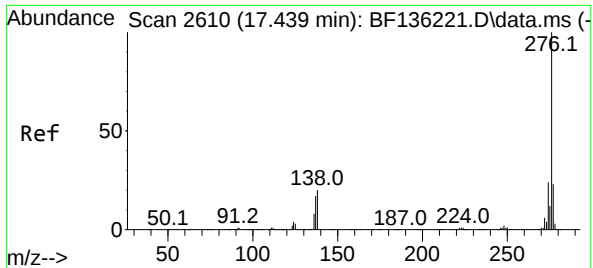
Tgt Ion:276 Resp: 2503
 Ion Ratio Lower Upper
 276 100
 138 13.3 17.7 26.5#
 277 49.0 19.6 29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 2.957 ng
 RT: 16.956 min Scan# 2528
 Delta R.T. -0.047 min
 Lab File: BF136228.D
 Acq: 27 Nov 2023 18:20

Tgt Ion:278 Resp: 3699
 Ion Ratio Lower Upper
 278 100
 139 27.0 11.7 17.5#
 279 26.3 17.8 26.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.134 ng
 RT: 17.380 min Scan# 20
 Delta R.T. -0.059 min
 Lab File: BF136228.D
 Acq: 27 Nov 2023 18:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:276 Resp: 3480
 Ion Ratio Lower Upper
 276 100
 277 20.1 18.6 27.8
 138 16.3 15.8 23.8

