

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136085.D
 Acq On : 01 Nov 2023 19:33
 Operator : CG\JU
 Sample : 05142-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037

Quant Time: Nov 01 22:42:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

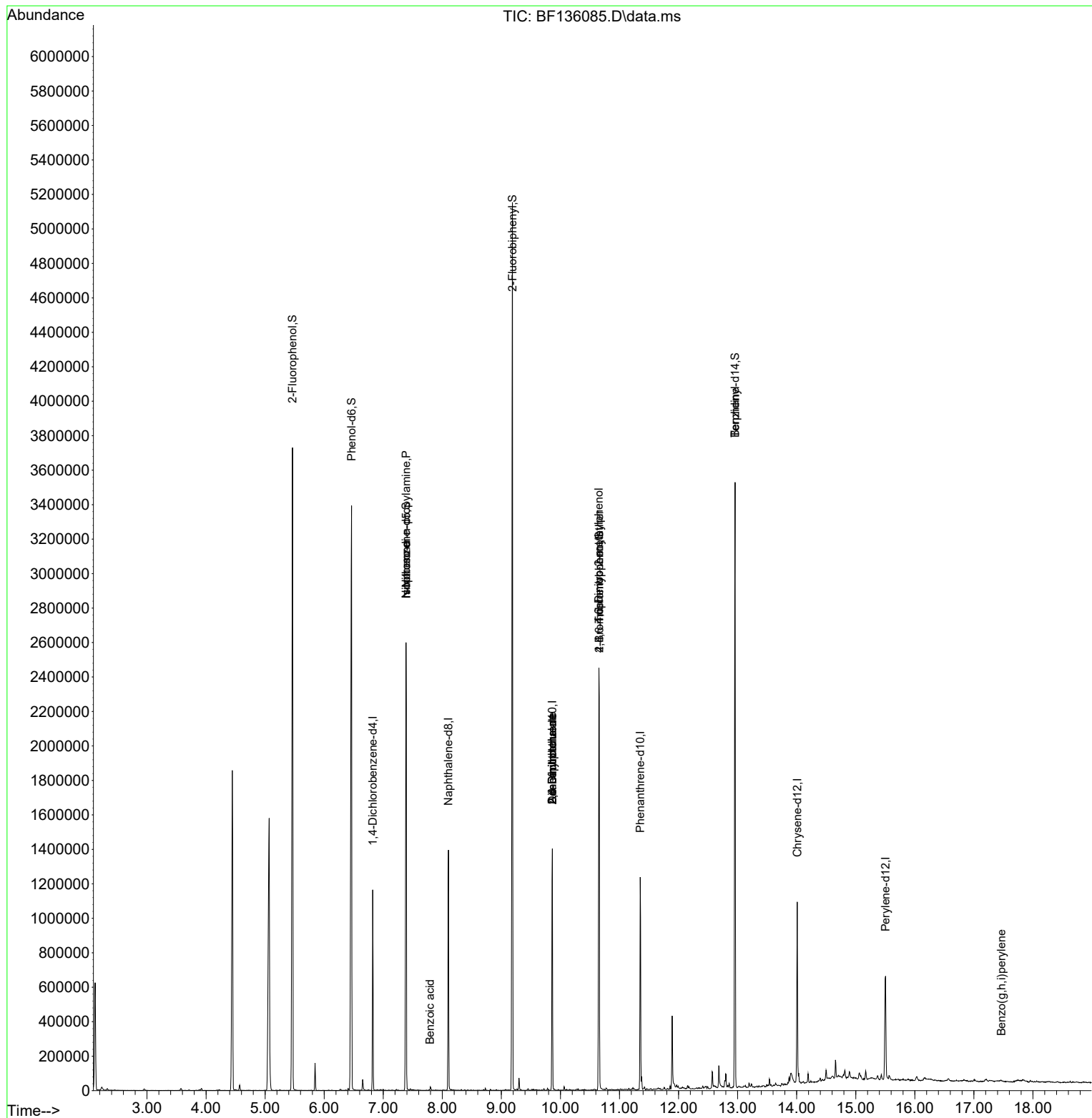
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	148402	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	574586	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	279799	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	436782	20.000	ng	0.00
76) Chrysene-d12	14.010	240	312754	20.000	ng	0.00
86) Perylene-d12	15.504	264	290774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1208189	127.934	ng	0.01
7) Phenol-d6	6.463	99	1461412	124.201	ng	0.00
23) Nitrobenzene-d5	7.387	82	903301	94.770	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	340018	113.851	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1520682	86.638	ng	0.00
79) Terphenyl-d14	12.957	244	1240985	61.663	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	118567	17.636	ng	# 78
25) Isophorone	7.387	82	901908	50.121	ng	# 64
32) Benzoic acid	7.792	122	227	5.145	ng	# 52
50) Dimethylphthalate	9.863	163	57163	3.097	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	35427	8.975	ng	# 28
57) 2,4-Dinitrotoluene	9.863	165	35427	7.093	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.651	198	706	6.049	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	20784	4.539	ng	# 1
77) Benzidine	12.957	184	14928	2.449	ng	# 89
92) Benzo(g,h,i)perylene	17.468	276	6231	3.225	ng	97

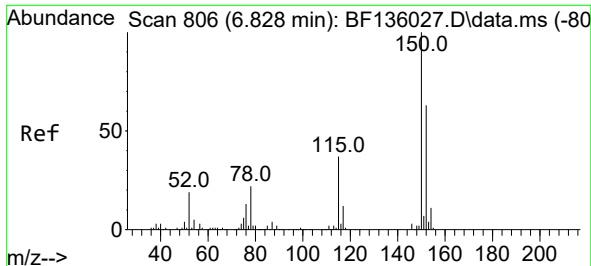
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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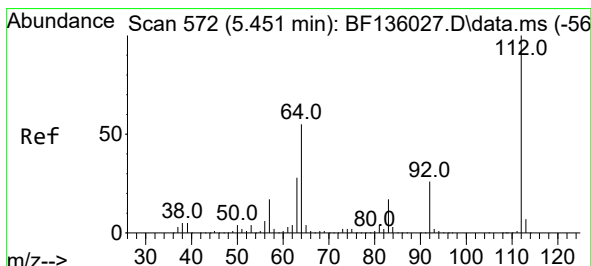
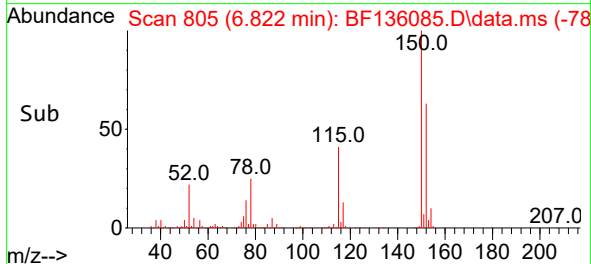
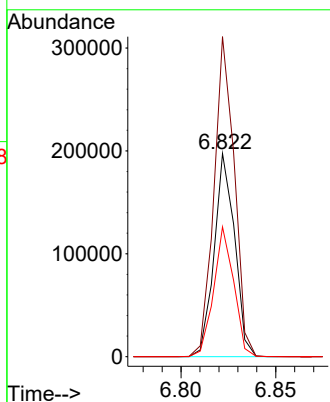
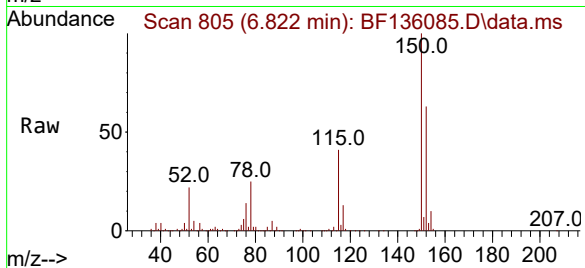




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

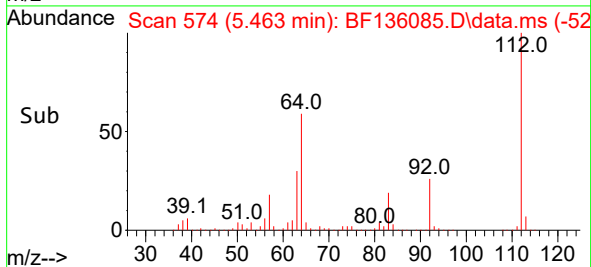
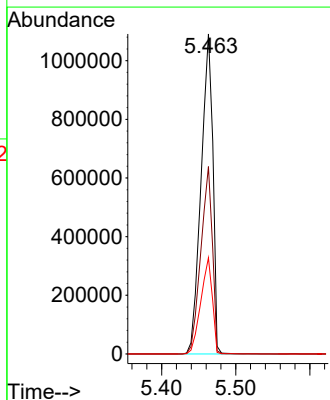
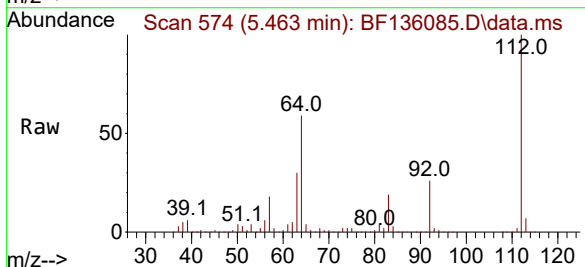
Instrument :
BNA_F
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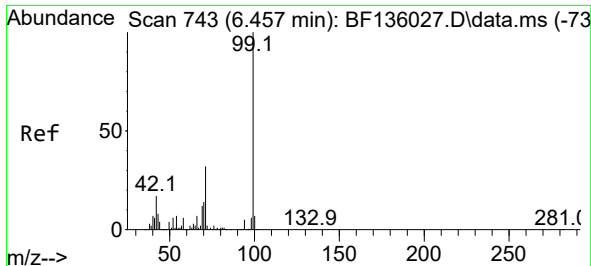
Tgt Ion:152 Resp: 148402
Ion Ratio Lower Upper
152 100
150 157.5 126.4 189.6
115 63.9 47.0 70.4



#5
2-Fluorophenol
Concen: 127.934 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

Tgt Ion:112 Resp: 1208189
Ion Ratio Lower Upper
112 100
64 58.6 43.9 65.9
63 30.1 22.4 33.6

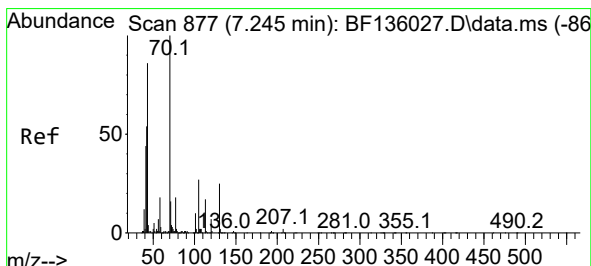
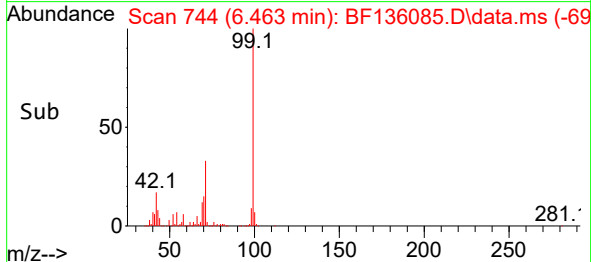
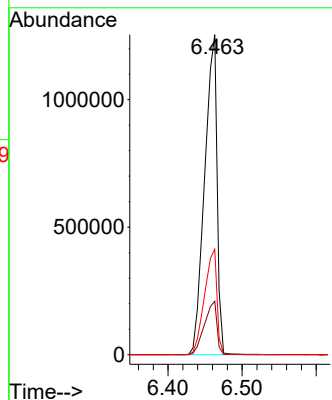
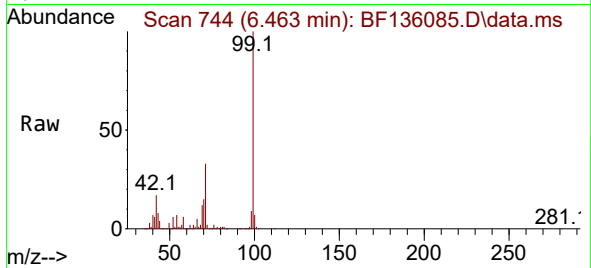




#7
Phenol-d6
Concen: 124.201 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

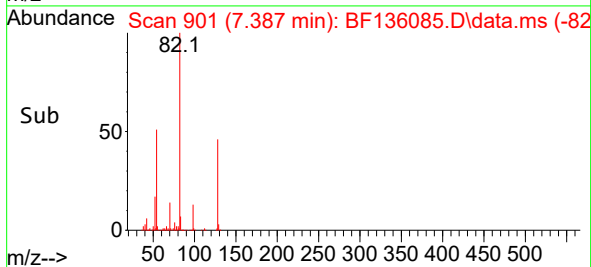
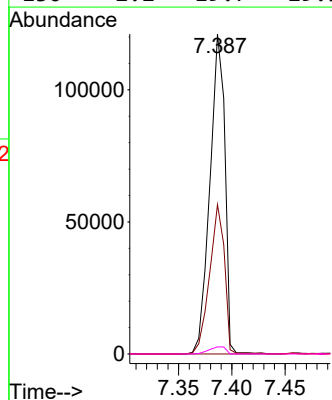
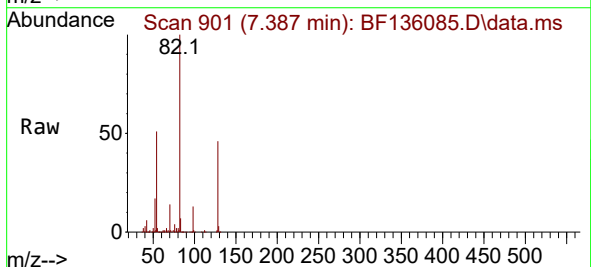
Instrument :
BNA_F
ClientSampleId :
PSC-124037

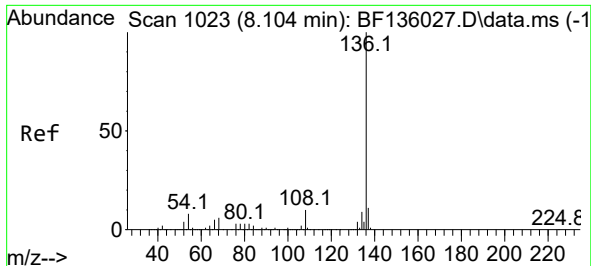
Tgt Ion: 99 Resp: 1461412
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 32.9 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.636 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.141 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

Tgt Ion: 70 Resp: 118567
Ion Ratio Lower Upper
70 100
42 46.7 43.0 64.4
101 0.0 8.0 12.0#
130 2.2 19.7 29.5#

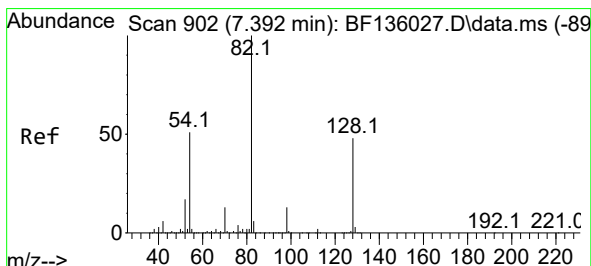
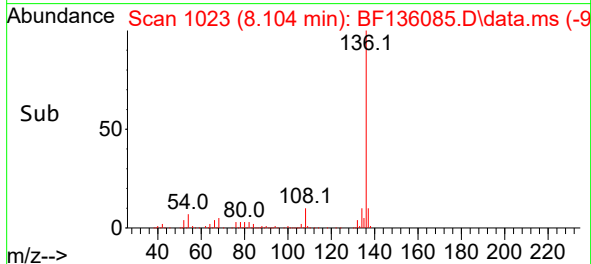
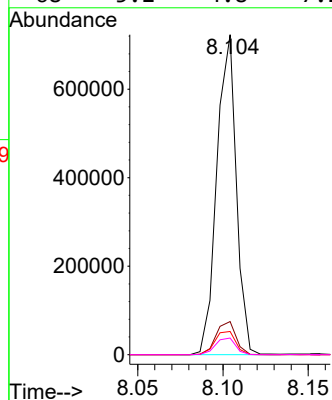
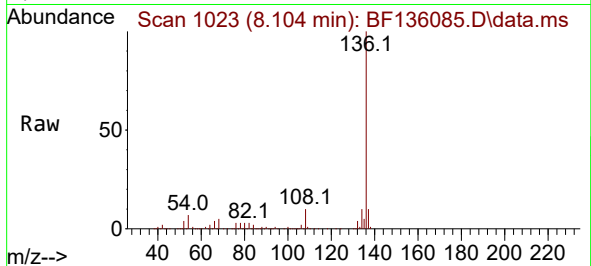




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

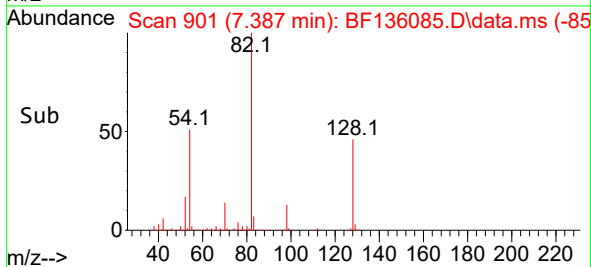
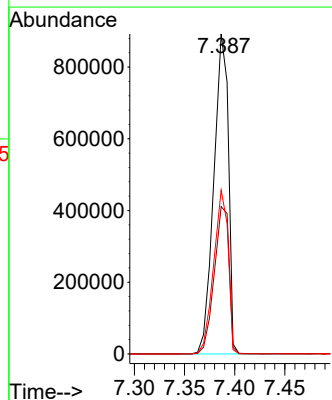
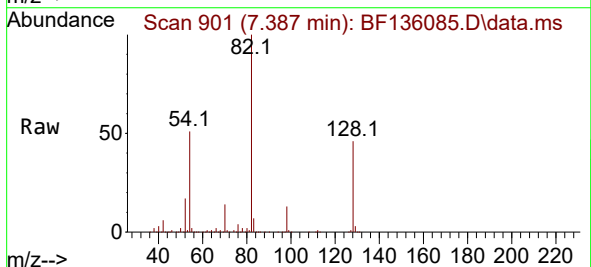
Instrument :
BNA_F
ClientSampleId :
PSC-124037

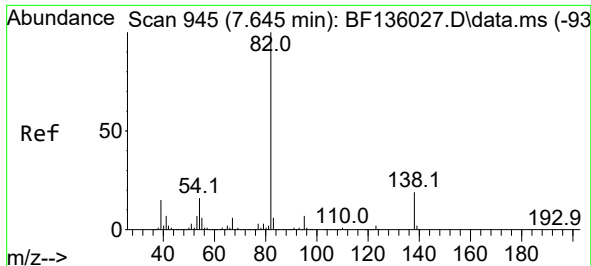
Tgt Ion:	136	Resp:	574586
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.3	6.6	9.8
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 94.770 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

Tgt Ion:	82	Resp:	903301
Ion	Ratio	Lower	Upper
82	100		
128	46.0	38.6	57.8
54	51.2	40.8	61.2

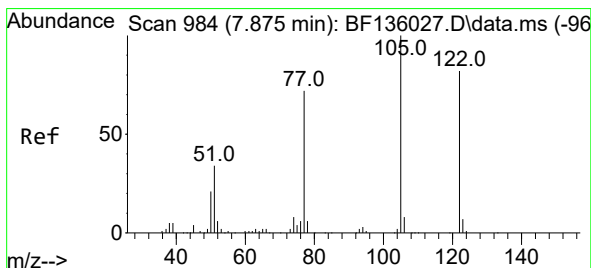
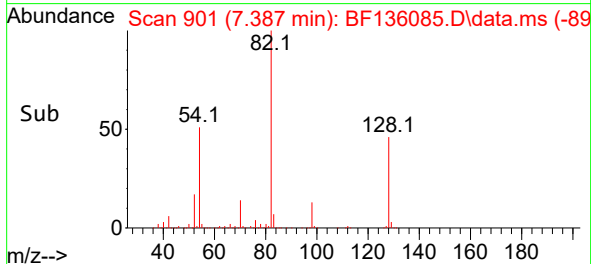
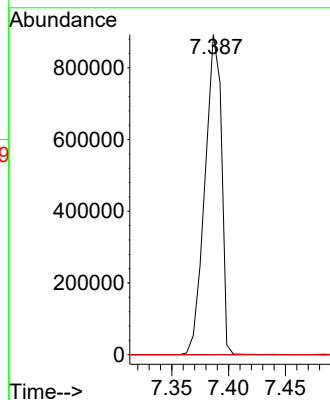
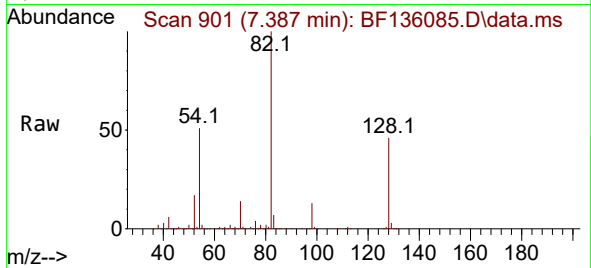




#25
Isophorone
Concen: 50.121 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

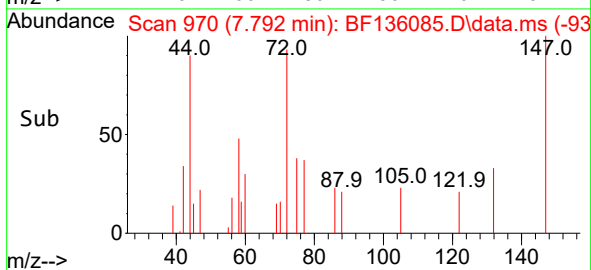
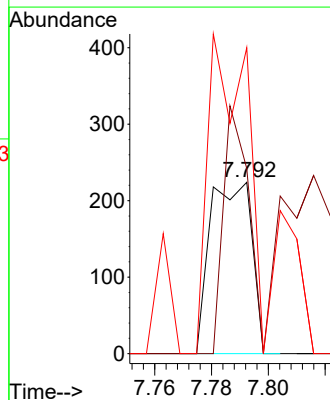
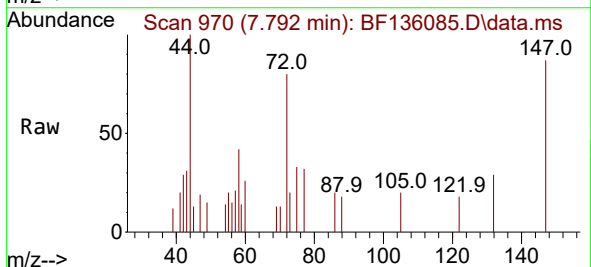
Instrument :
BNA_F
ClientSampleId :
PSC-124037

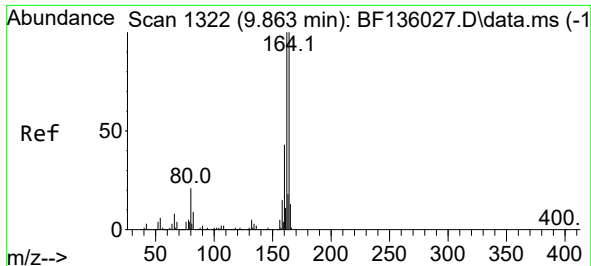
Tgt Ion: 82 Resp: 901908
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.145 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.083 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

Tgt Ion:122 Resp: 227
Ion Ratio Lower Upper
122 100
105 108.0 99.5 139.5
77 178.6 66.8 106.8#

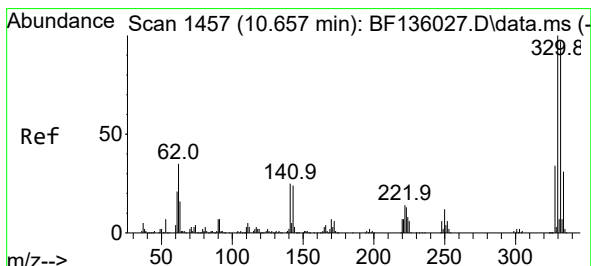
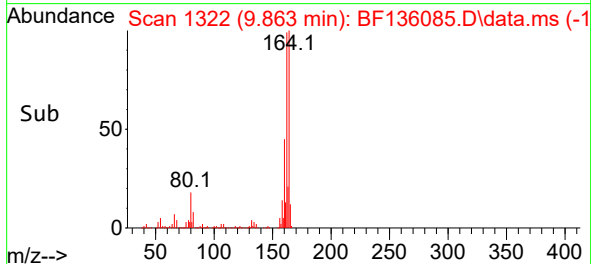
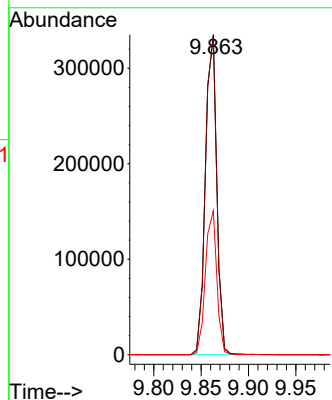
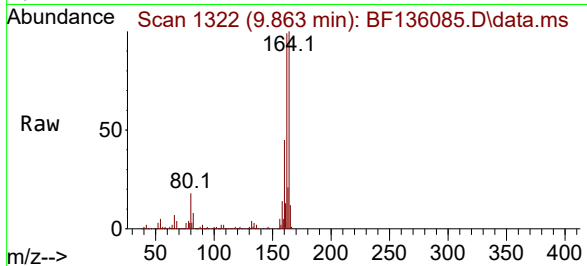




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

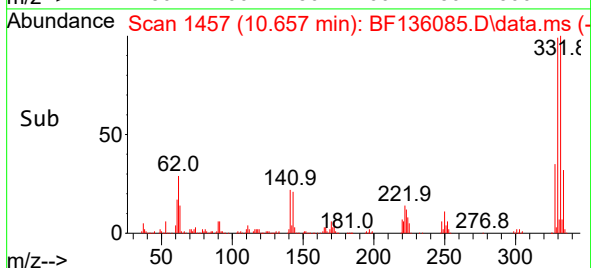
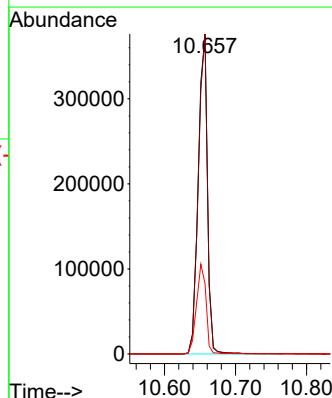
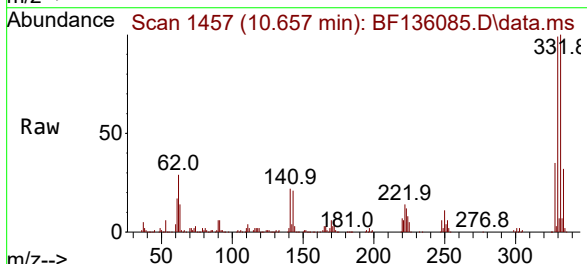
Instrument :
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ClientSampleId :
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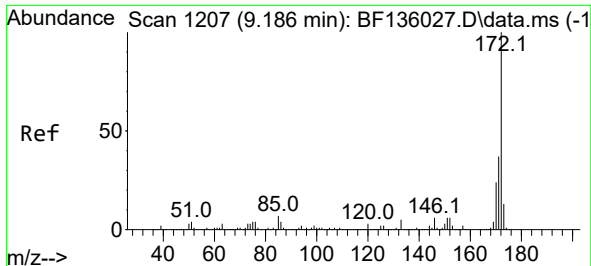
Tgt Ion:164 Resp: 279799
Ion Ratio Lower Upper
164 100
162 99.3 80.1 120.1
160 45.0 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 113.851 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

Tgt Ion:330 Resp: 340018
Ion Ratio Lower Upper
330 100
332 98.4 76.9 115.3
141 29.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 86.638 ng

RT: 9.186 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136085.D

Acq: 01 Nov 2023 19:33

Instrument :

BNA_F

ClientSampleId :

PSC-124037

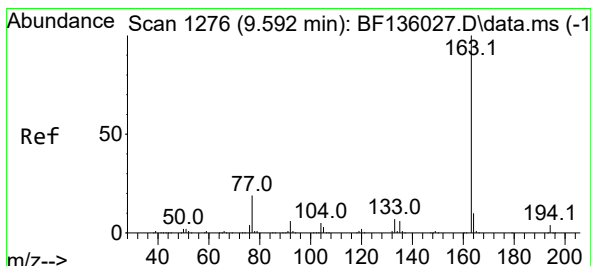
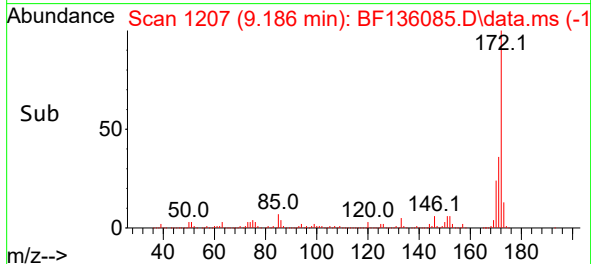
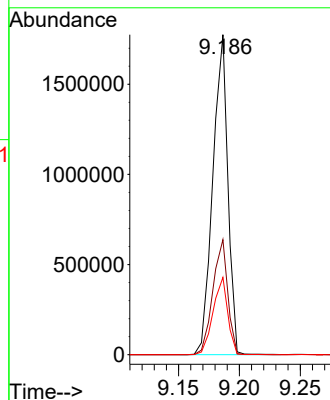
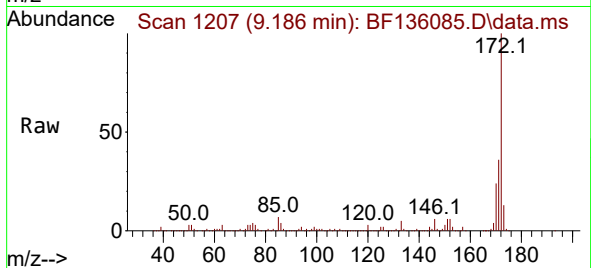
Tgt Ion:172 Resp: 1520682

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 24.1 19.3 28.9



#50

Dimethylphthalate

Concen: 3.097 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.271 min

Lab File: BF136085.D

Acq: 01 Nov 2023 19:33

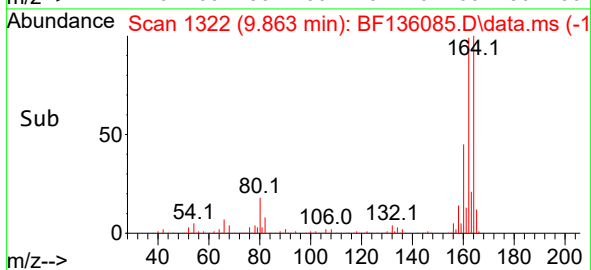
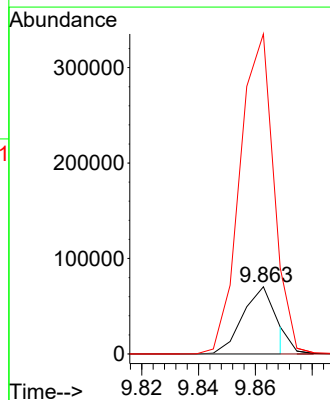
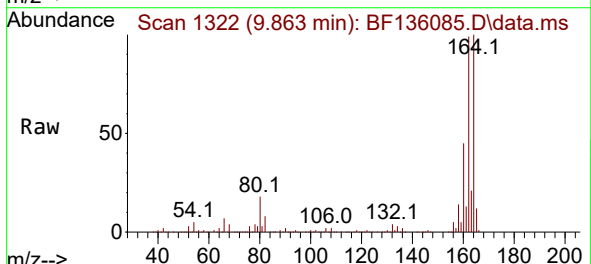
Tgt Ion:163 Resp: 57163

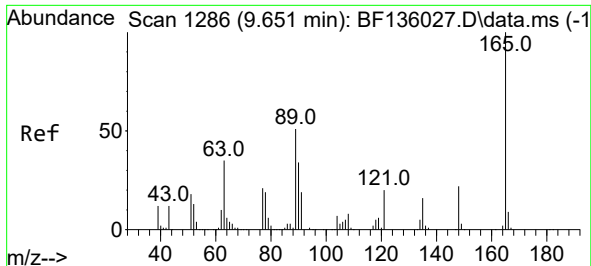
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 476.5 8.1 12.1#

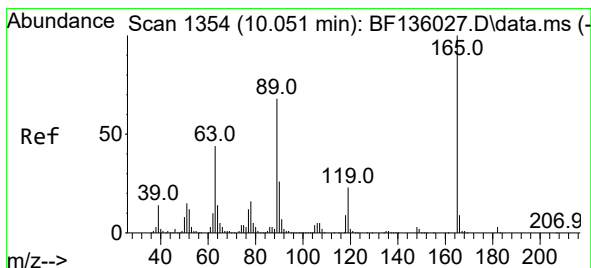
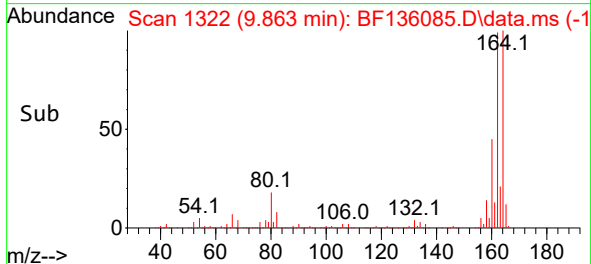
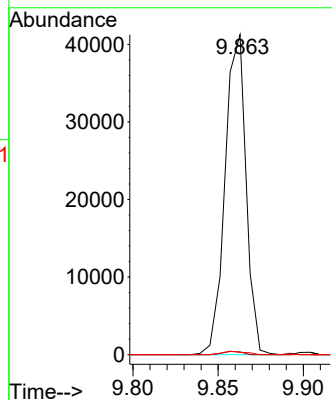
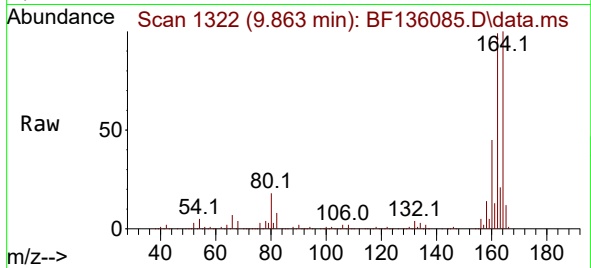




#51
2,6-Dinitrotoluene
Concen: 8.975 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

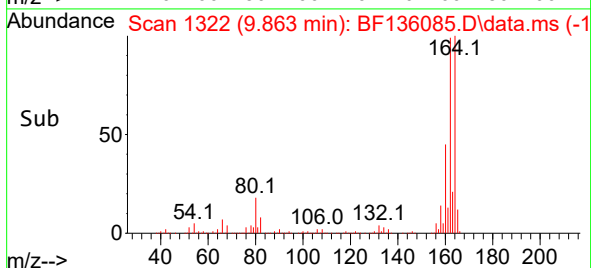
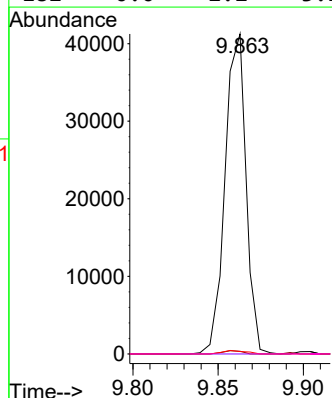
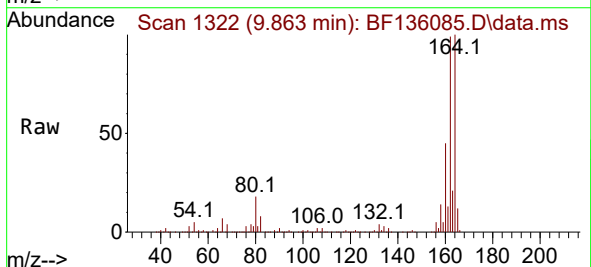
Instrument :
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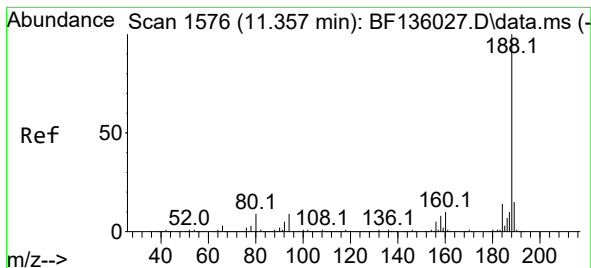
Tgt Ion:165 Resp: 35427
Ion Ratio Lower Upper
165 100
63 0.8 40.8 61.2#
89 0.8 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.093 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

Tgt Ion:165 Resp: 35427
Ion Ratio Lower Upper
165 100
63 0.8 35.2 52.8#
89 0.8 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136085.D

Acq: 01 Nov 2023 19:33

Instrument :

BNA_F

ClientSampleId :

PSC-124037

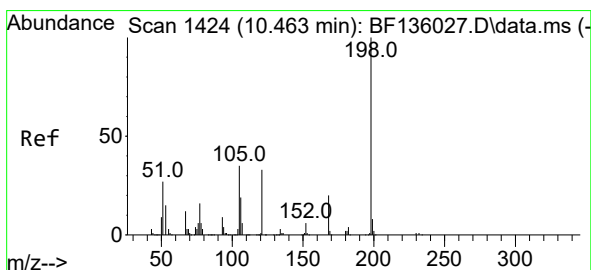
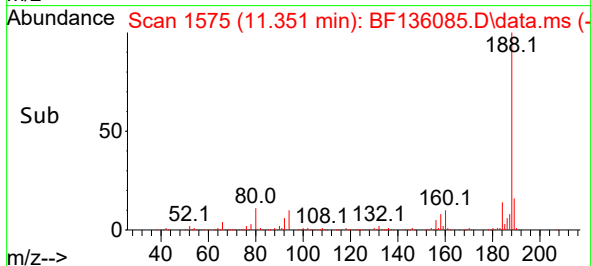
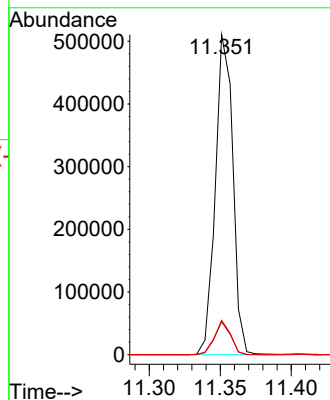
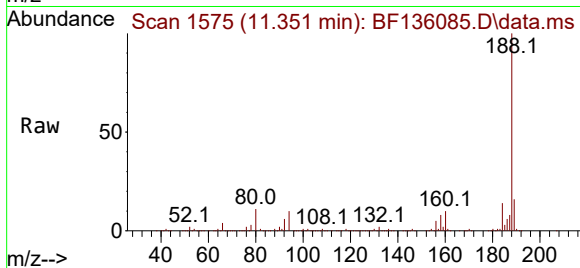
Tgt Ion:188 Resp: 436782

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

80 10.7 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.049 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.188 min

Lab File: BF136085.D

Acq: 01 Nov 2023 19:33

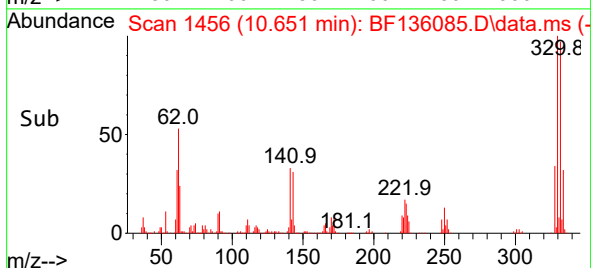
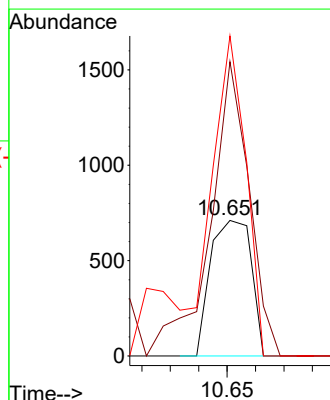
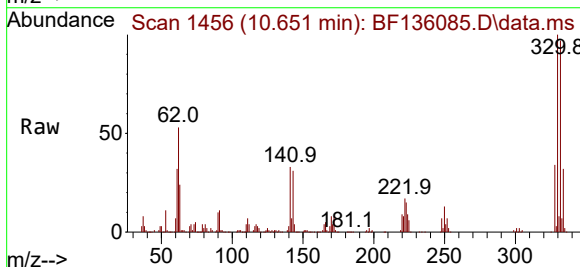
Tgt Ion:198 Resp: 706

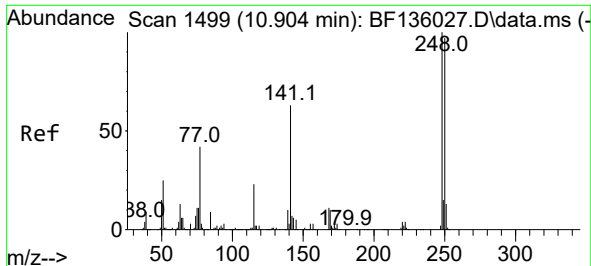
Ion Ratio Lower Upper

198 100

51 217.0 12.9 52.9#

105 236.0 16.0 56.0#

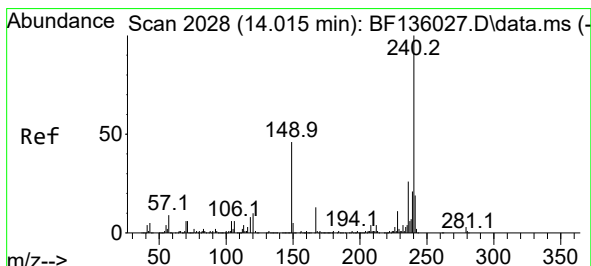
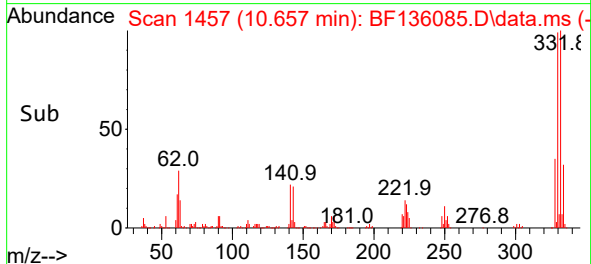
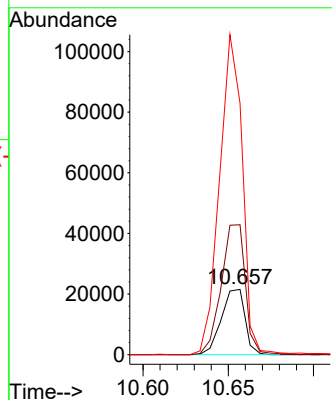
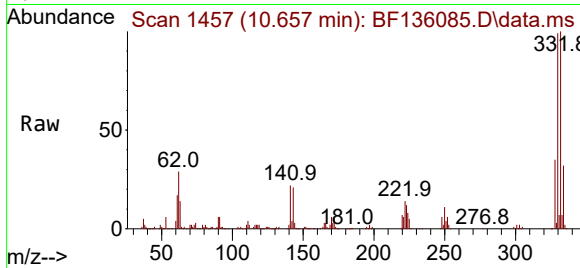




#67
4-Bromophenyl-phenylether
Concen: 4.539 ng
RT: 10.657 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

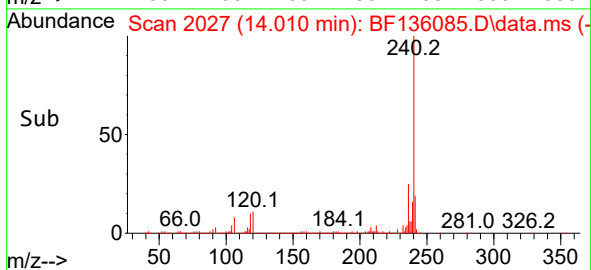
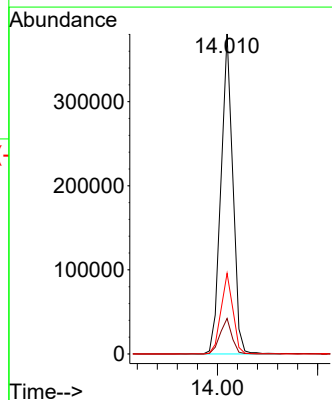
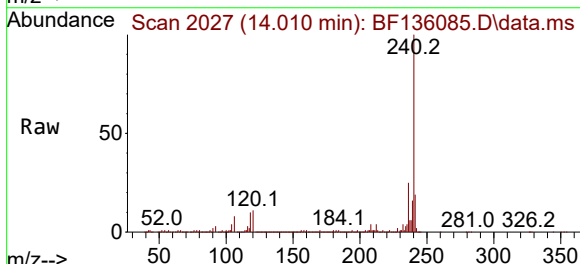
Instrument :
BNA_F
ClientSampleId :
PSC-124037

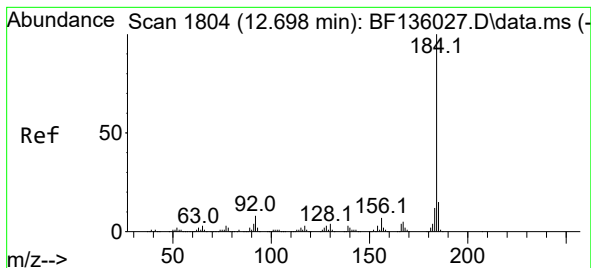
Tgt Ion:248 Resp: 20784
Ion Ratio Lower Upper
248 100
250 199.0 77.6 116.4#
141 385.1 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

Tgt Ion:240 Resp: 312754
Ion Ratio Lower Upper
240 100
120 11.1 7.6 11.4
236 25.2 20.6 31.0





#77

Benzidine

Concen: 2.449 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.259 min

Lab File: BF136085.D

Acq: 01 Nov 2023 19:33

Instrument :

BNA_F

ClientSampleId :

PSC-124037

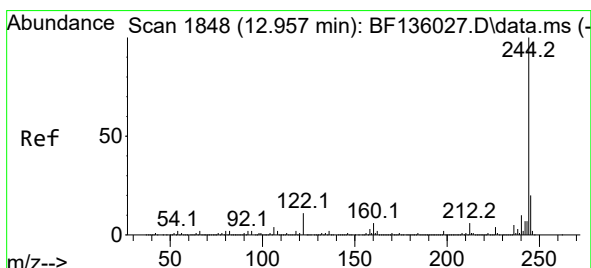
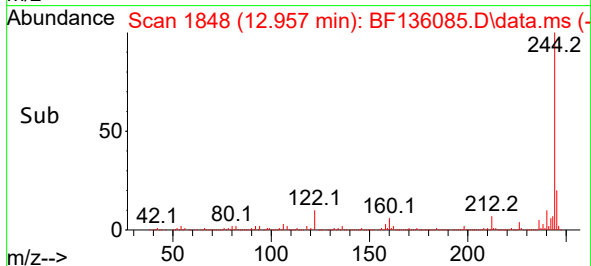
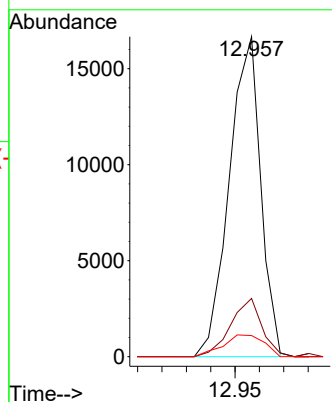
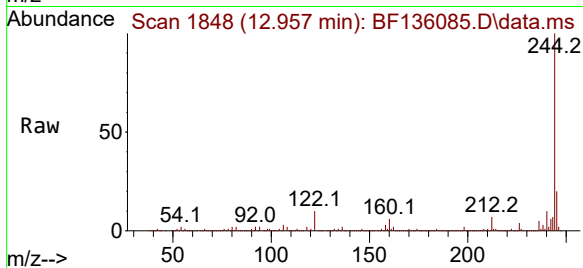
Tgt Ion:184 Resp: 14928

Ion Ratio Lower Upper

184 100

185 18.2 11.8 17.8#

183 6.6 9.5 14.3#



#79

Terphenyl-d14

Concen: 61.663 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF136085.D

Acq: 01 Nov 2023 19:33

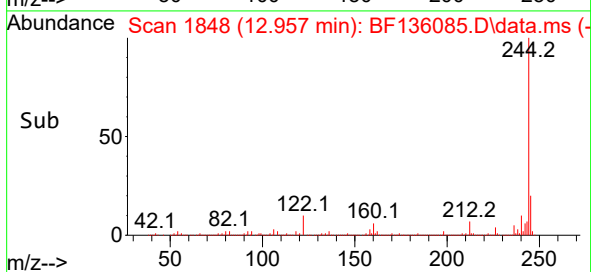
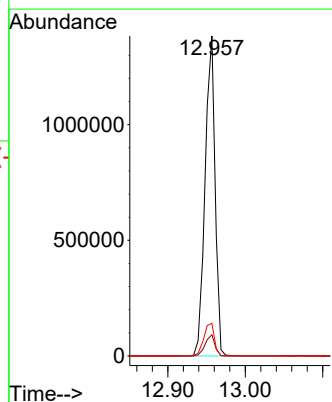
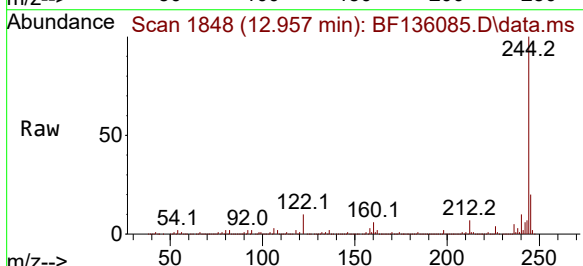
Tgt Ion:244 Resp: 1240985

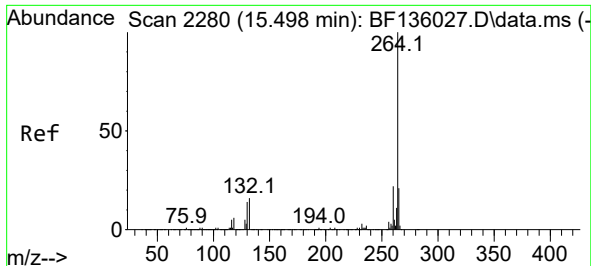
Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.2 8.6 12.8

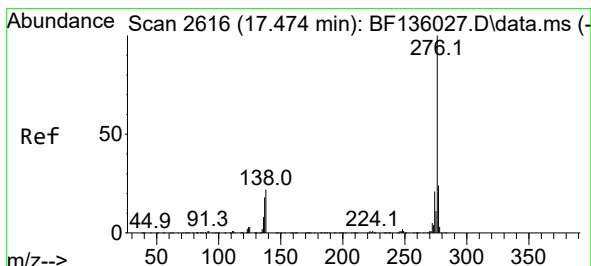
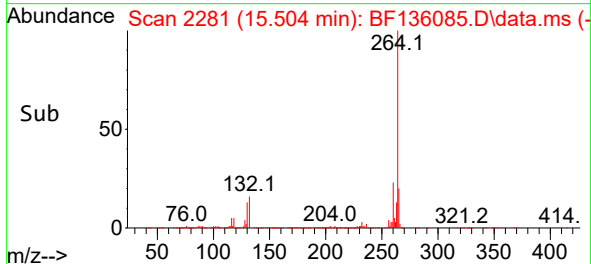
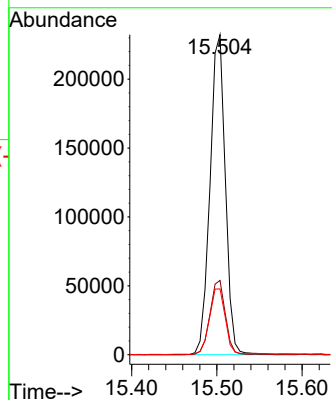
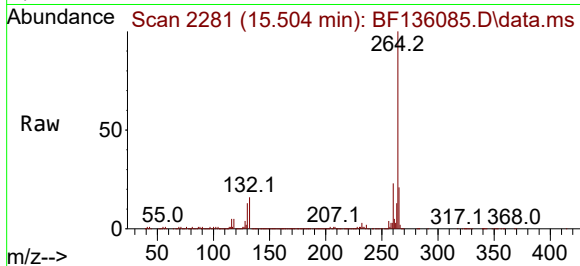




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

Instrument :
BNA_F
ClientSampleId :
PSC-124037

Tgt Ion:264 Resp: 290774
Ion Ratio Lower Upper
264 100
260 23.2 17.9 26.9
265 20.5 16.8 25.2



#92
Benzo(g,h,i)perylene
Concen: 3.225 ng
RT: 17.468 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF136085.D
Acq: 01 Nov 2023 19:33

Tgt Ion:276 Resp: 6231
Ion Ratio Lower Upper
276 100
277 25.2 19.0 28.4
138 20.6 17.4 26.2

