

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136150.D
 Acq On : 06 Nov 2023 12:31
 Operator : CG\JU
 Sample : PB156895BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156895BL

Quant Time: Nov 06 13:00:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

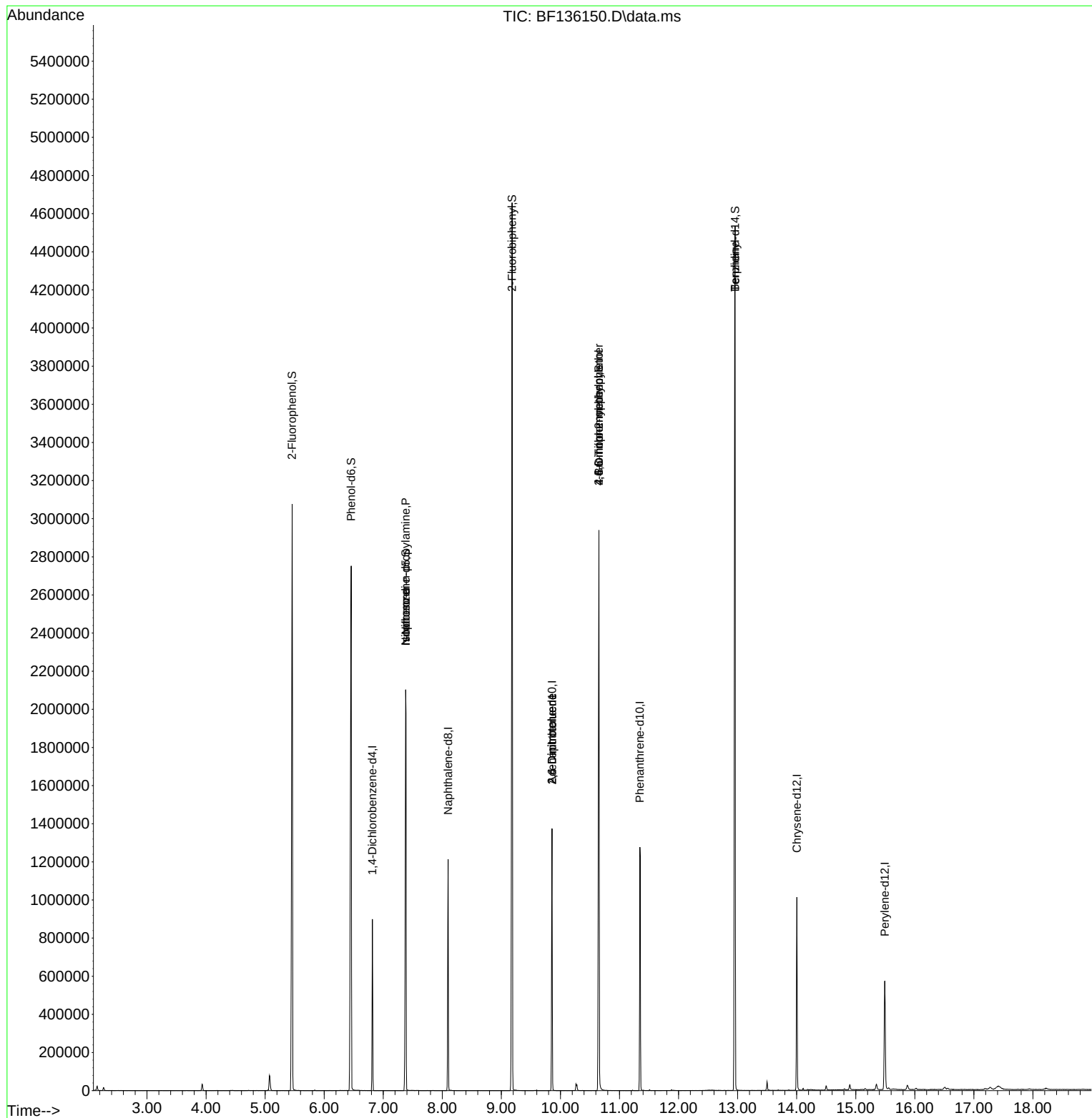
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	119002	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	483247	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	252281	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	490804	20.000	ng	0.00
76) Chrysene-d12	14.004	240	323866	20.000	ng	0.00
86) Perylene-d12	15.492	264	278532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	981972	129.668	ng	0.01
7) Phenol-d6	6.457	99	1186915	125.793	ng	0.00
23) Nitrobenzene-d5	7.381	82	771824	96.281	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	380658	141.362	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1454265	91.891	ng	0.00
79) Terphenyl-d14	12.957	244	1875692	90.003	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	103981	19.287	ng	# 78
25) Isophorone	7.381	82	771812	50.999	ng	# 64
51) 2,6-Dinitrotoluene	9.857	165	33051	9.286	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	33051	7.340	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.651	198	814	6.056	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	23972	4.659	ng	# 1
77) Benzidine	12.957	184	23176	3.671	ng	# 94

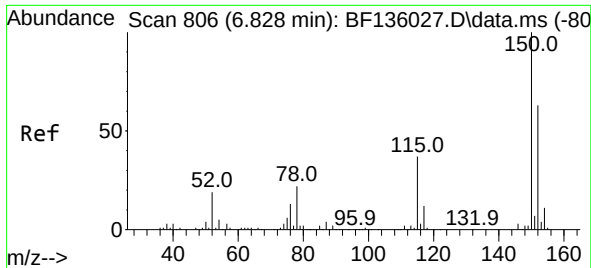
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 00:53:35 2023
Response via : Initial Calibration

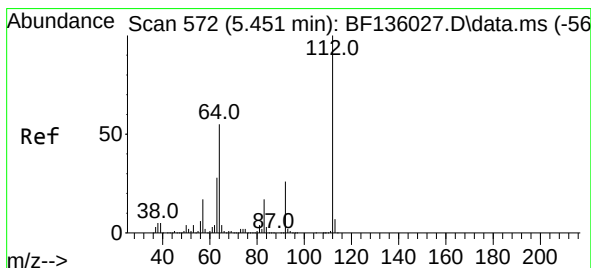
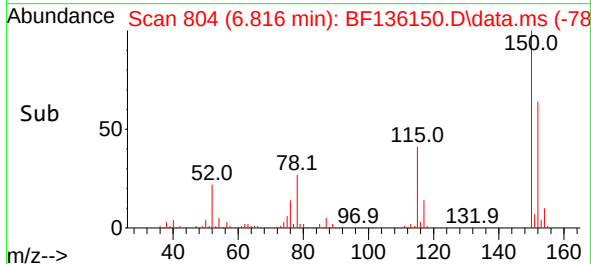
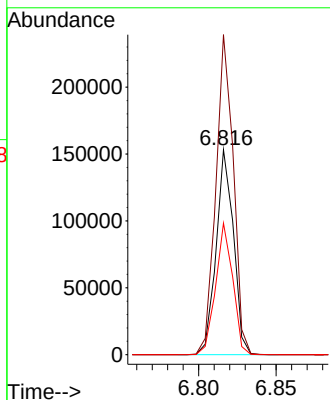
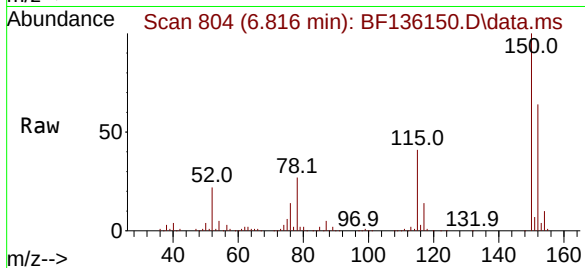




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

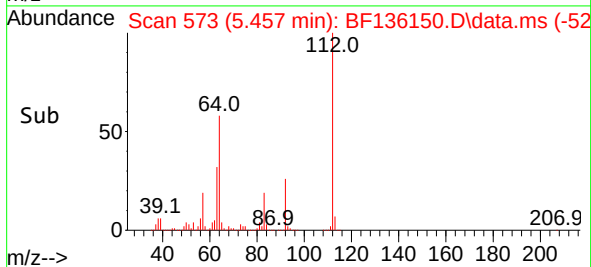
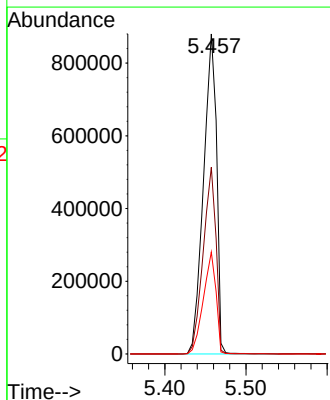
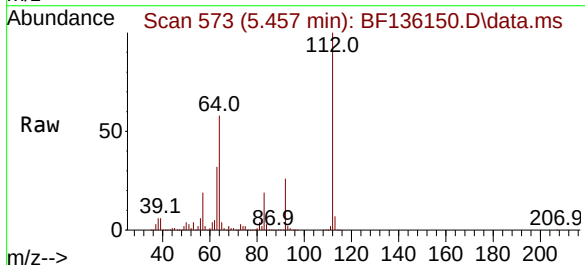
Instrument :
BNA_F
ClientSampleId :
PB156895BL

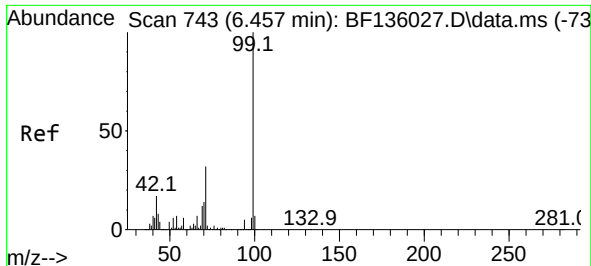
Tgt Ion:152 Resp: 119002
Ion Ratio Lower Upper
152 100
150 156.1 126.4 189.6
115 64.2 47.0 70.4



#5
2-Fluorophenol
Concen: 129.668 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

Tgt Ion:112 Resp: 981972
Ion Ratio Lower Upper
112 100
64 58.3 43.9 65.9
63 31.8 22.4 33.6



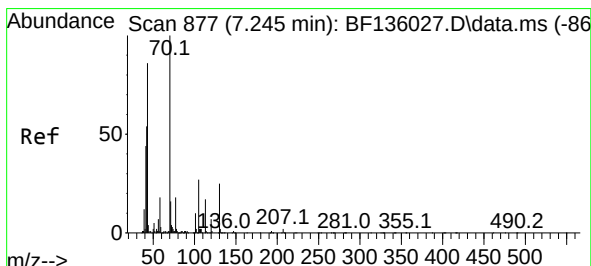
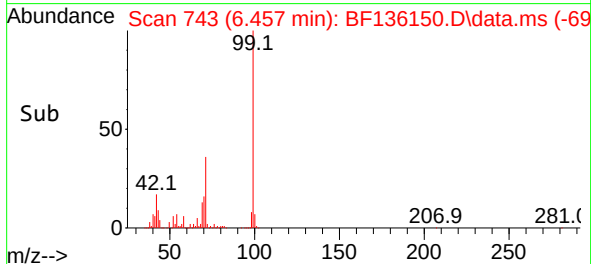
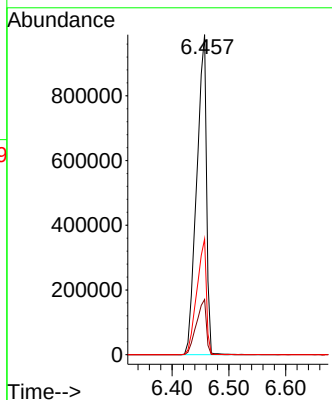
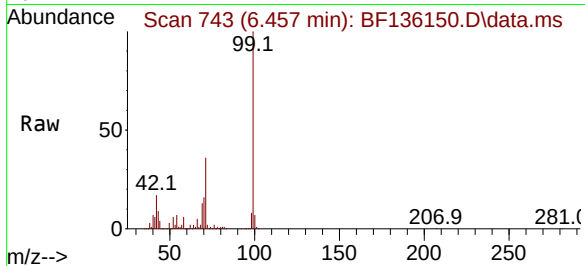


#7
Phenol-d6
Concen: 125.793 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

Instrument :
BNA_F
ClientSampleId :
PB156895BL

Tgt Ion: 99 Resp: 1186915

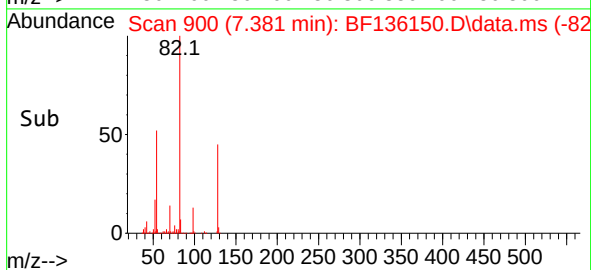
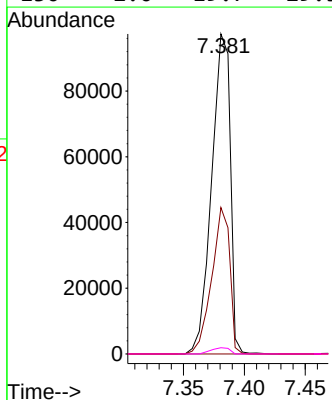
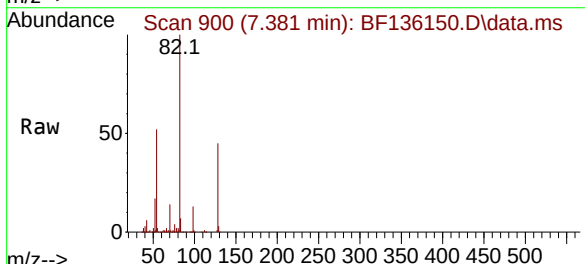
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	36.2	25.9	38.9

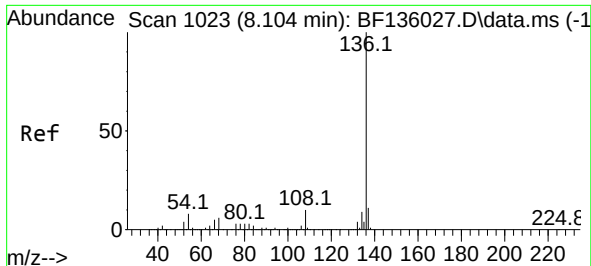


#19
n-Nitroso-di-n-propylamine
Concen: 19.287 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

Tgt Ion: 70 Resp: 103981

Ion	Ratio	Lower	Upper
70	100		
42	45.8	43.0	64.4
101	0.0	8.0	12.0#
130	2.0	19.7	29.5#

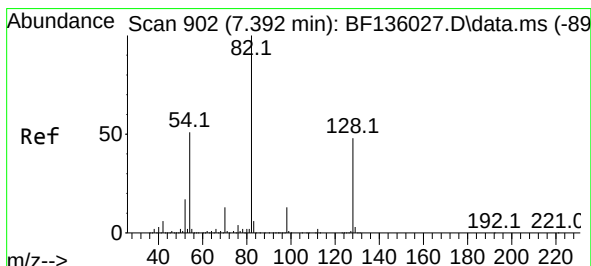
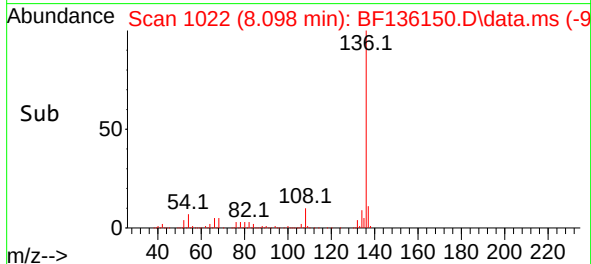
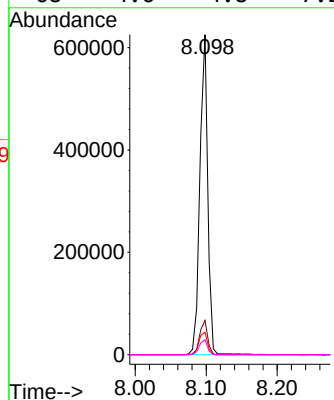
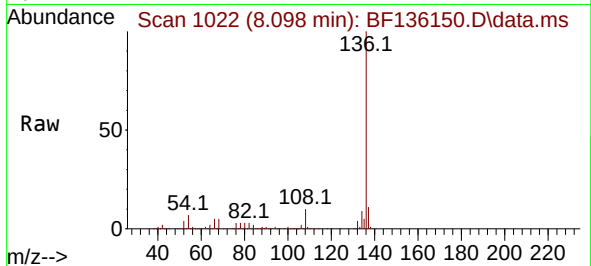




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

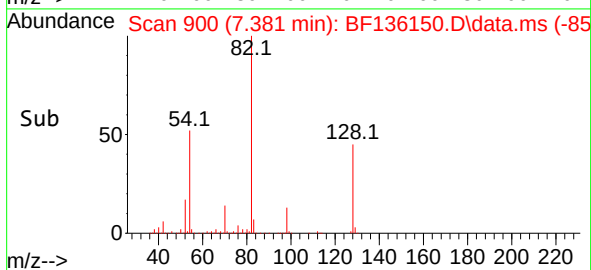
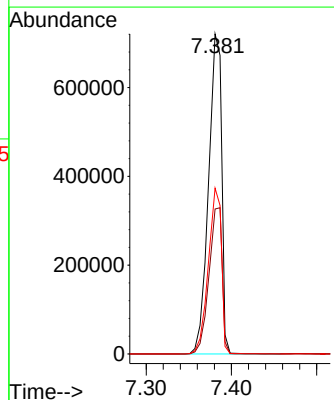
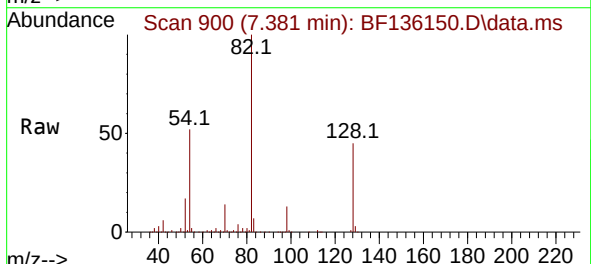
Instrument :
BNA_F
ClientSampleId :
PB156895BL

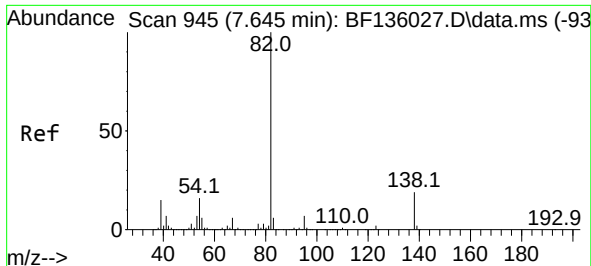
Tgt Ion:	136	Resp:	483247
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.0	6.6	9.8
68	4.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 96.281 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

Tgt Ion:	82	Resp:	771824
Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.6	57.8
54	51.8	40.8	61.2

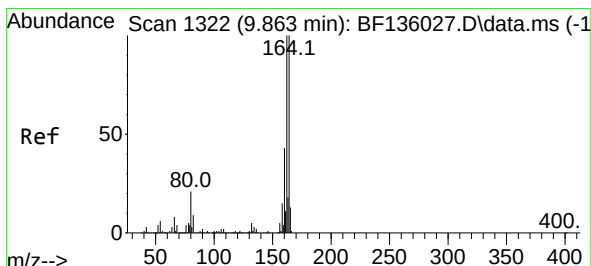
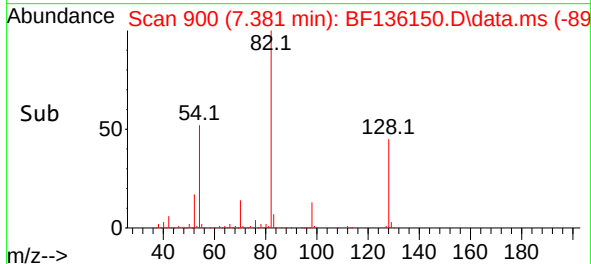
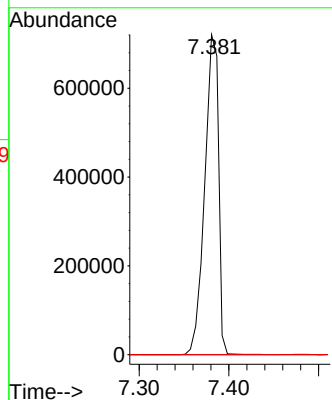
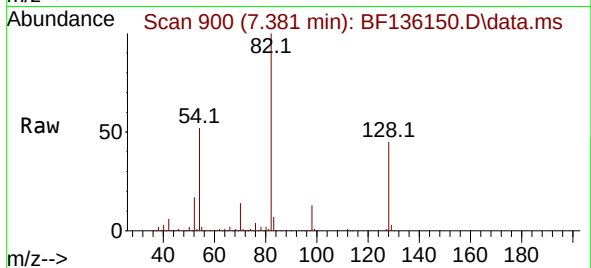




#25
Isophorone
Concen: 50.999 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

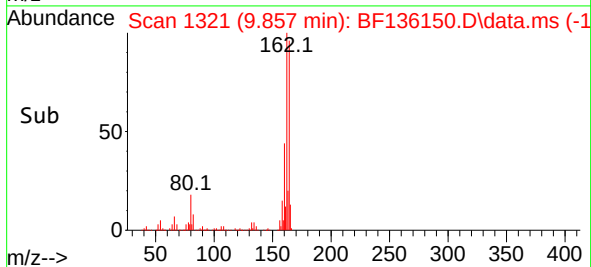
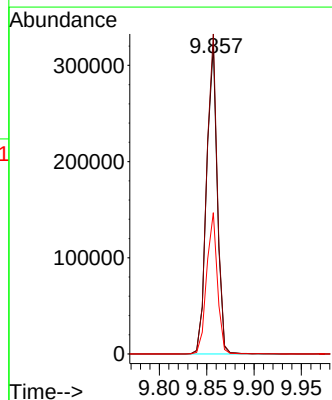
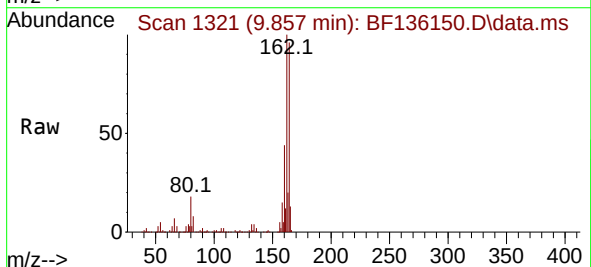
Instrument :
BNA_F
ClientSampleId :
PB156895BL

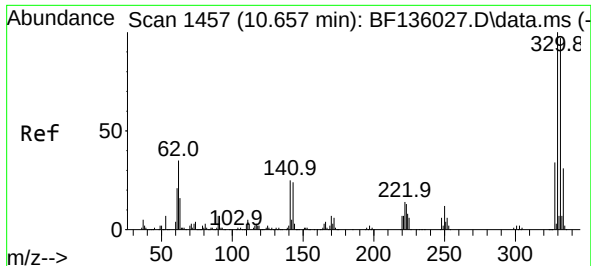
Tgt Ion: 82 Resp: 771812
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

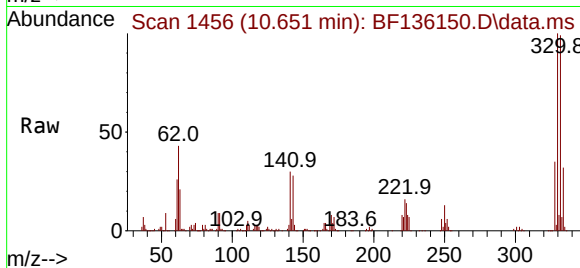
Tgt Ion: 164 Resp: 252281
Ion Ratio Lower Upper
164 100
162 103.8 80.1 120.1
160 45.8 34.8 52.2



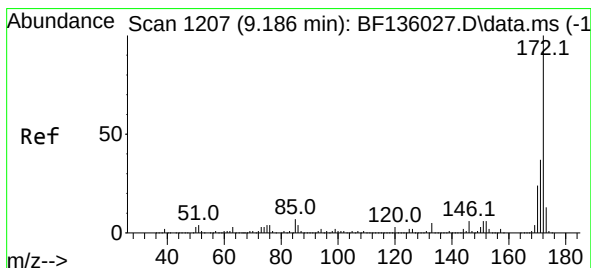
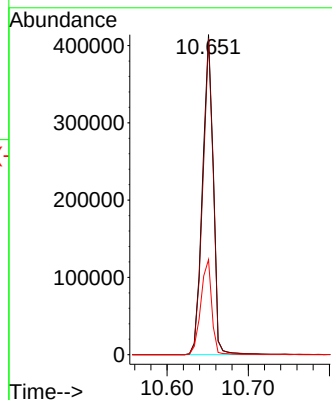
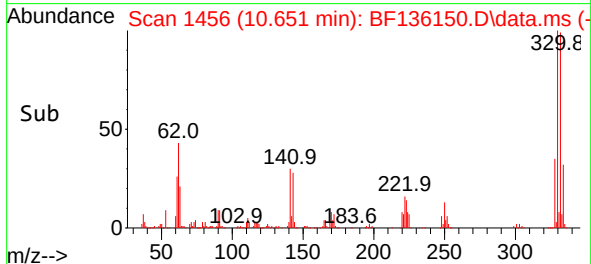


#42
2,4,6-Tribromophenol
Concen: 141.362 ng
RT: 10.651 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

Instrument :
BNA_F
ClientSampleId :
PB156895BL

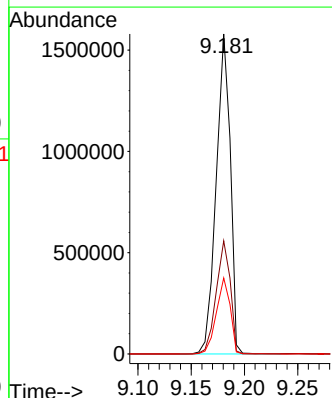
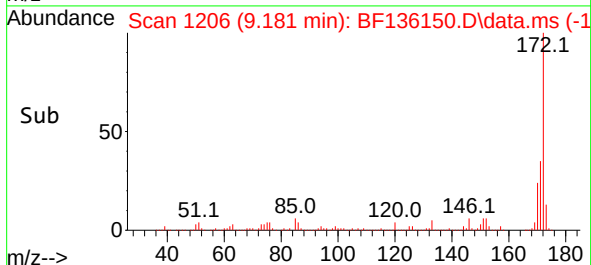
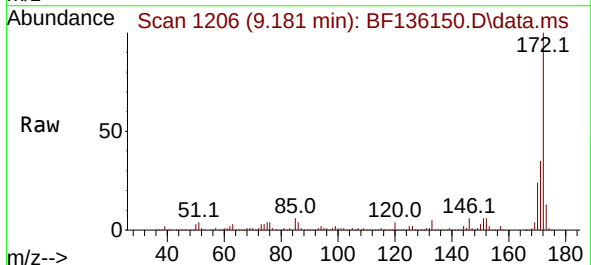


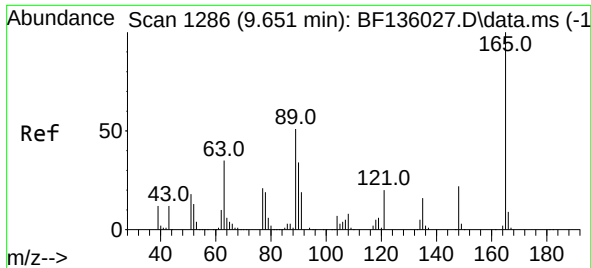
Tgt Ion:330 Resp: 380658
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 30.3 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 91.891 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

Tgt Ion:172 Resp: 1454265
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.8 19.3 28.9

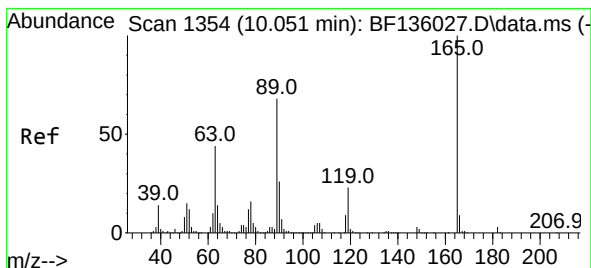
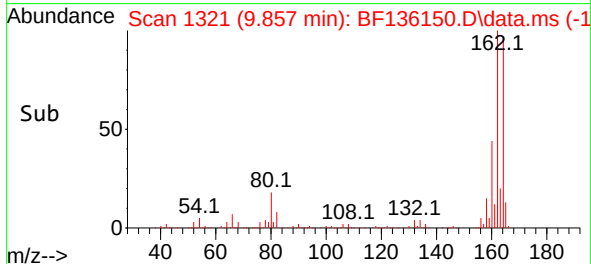
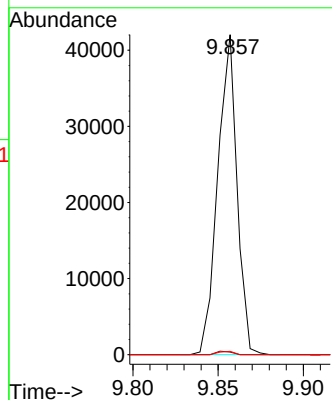
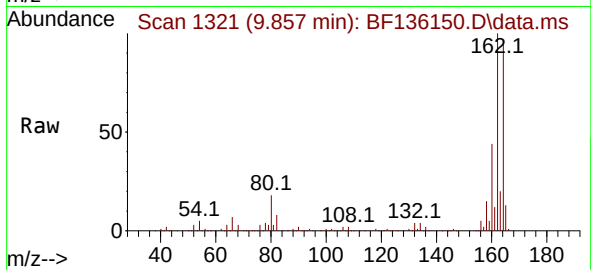




#51
2,6-Dinitrotoluene
Concen: 9.286 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

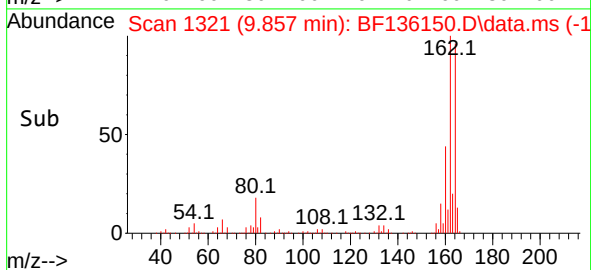
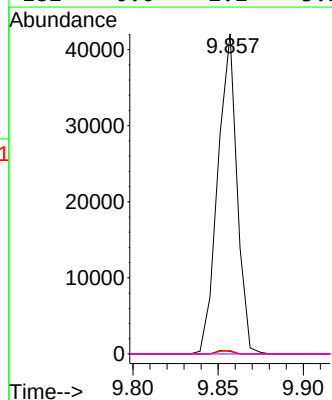
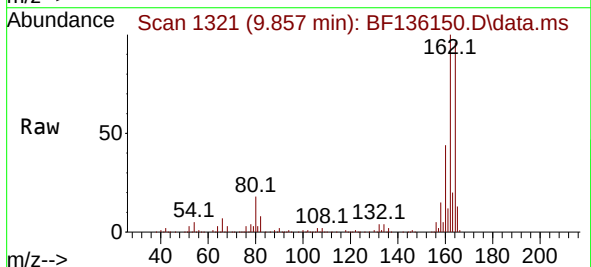
Instrument :
BNA_F
ClientSampleId :
PB156895BL

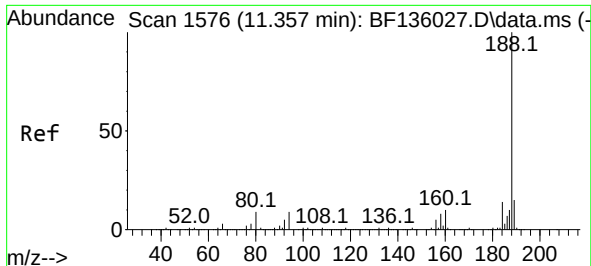
Tgt Ion:165 Resp: 33051
Ion Ratio Lower Upper
165 100
63 0.8 40.8 61.2#
89 1.1 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.340 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

Tgt Ion:165 Resp: 33051
Ion Ratio Lower Upper
165 100
63 0.8 35.2 52.8#
89 1.1 54.8 82.2#
182 0.0 2.2 3.2#

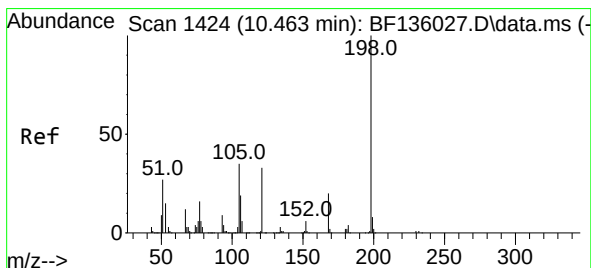
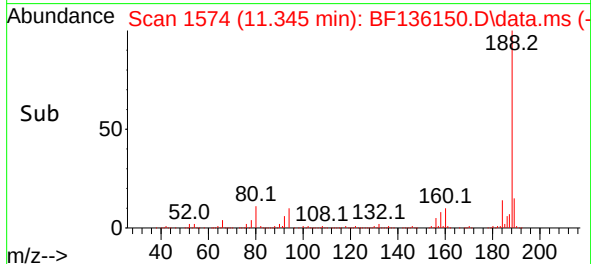
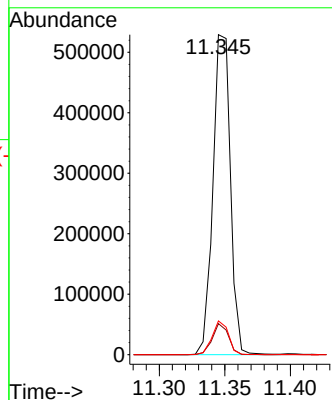
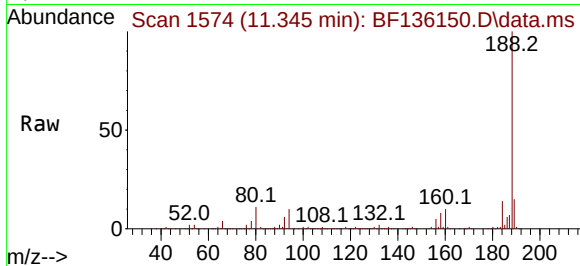




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

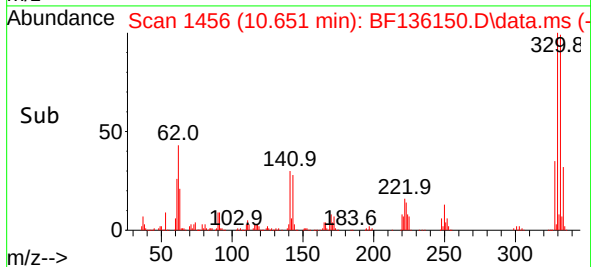
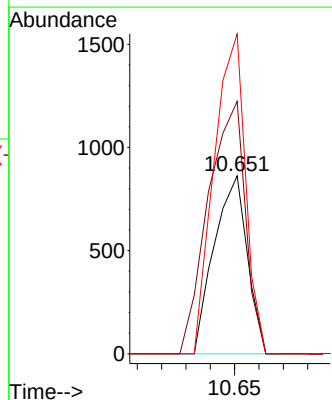
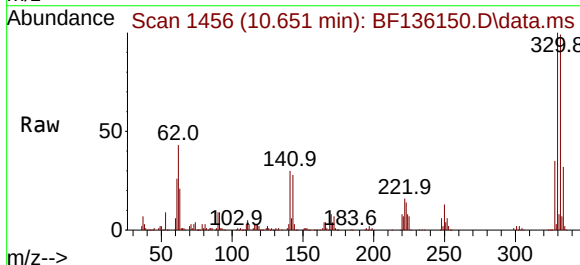
Instrument :
BNA_F
ClientSampleId :
PB156895BL

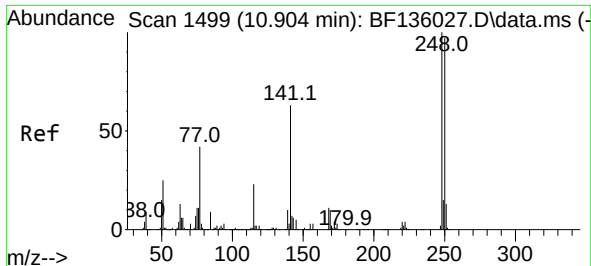
Tgt Ion:188 Resp: 490804
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.5 7.4 11.0



#65
4,6-Dinitro-2-methylphenol
Concen: 6.056 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.194 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

Tgt Ion:198 Resp: 814
Ion Ratio Lower Upper
198 100
51 142.0 12.9 52.9#
105 179.8 16.0 56.0#

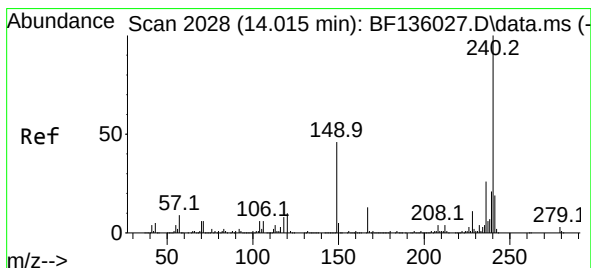
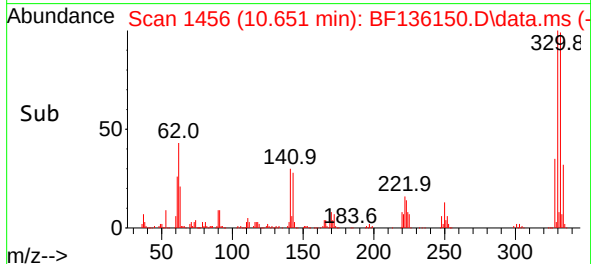
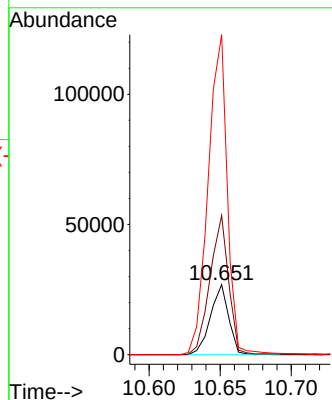
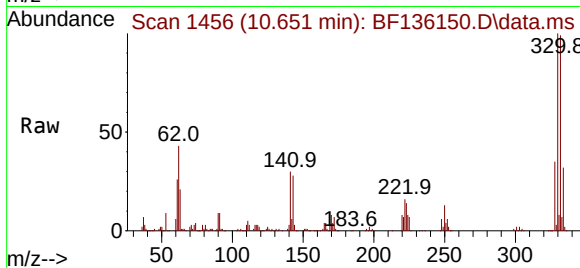




#67
4-Bromophenyl-phenylether
Concen: 4.659 ng
RT: 10.651 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

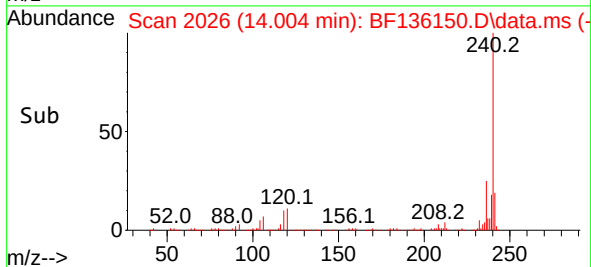
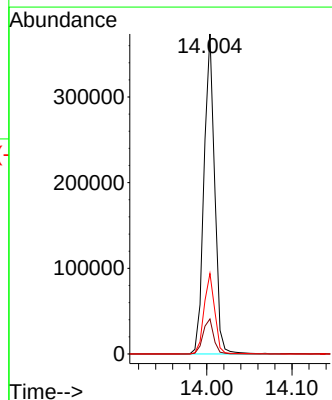
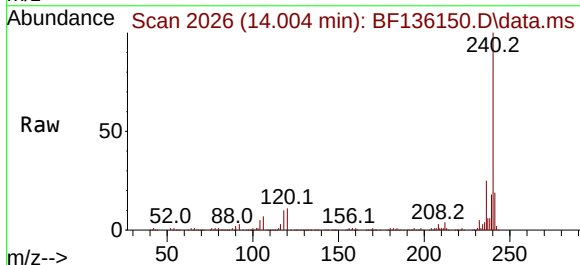
Instrument :
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ClientSampleId :
PB156895BL

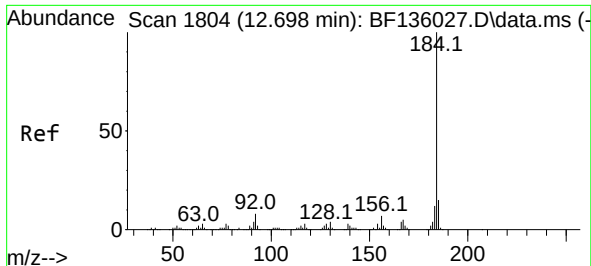
Tgt Ion:248 Resp: 23972
Ion Ratio Lower Upper
248 100
250 198.9 77.6 116.4#
141 457.1 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

Tgt Ion:240 Resp: 323866
Ion Ratio Lower Upper
240 100
120 11.0 7.6 11.4
236 25.1 20.6 31.0

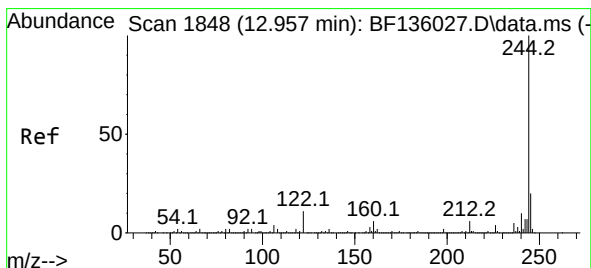
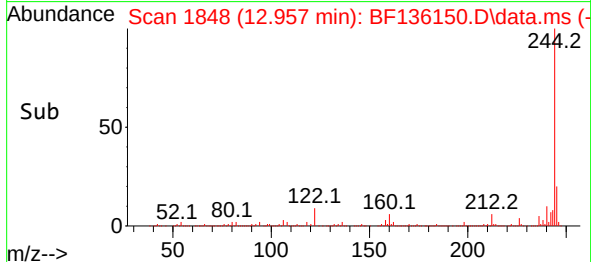
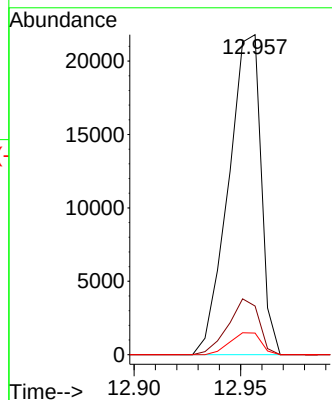
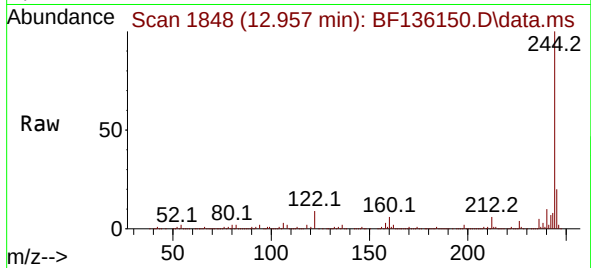




#77
Benzidine
Concen: 3.671 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.259 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

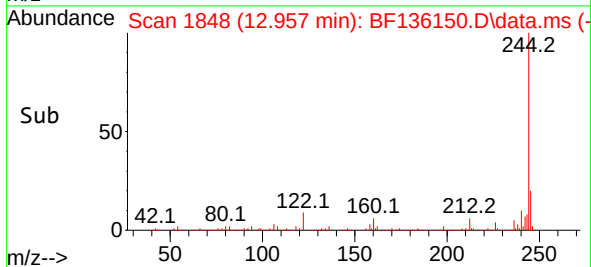
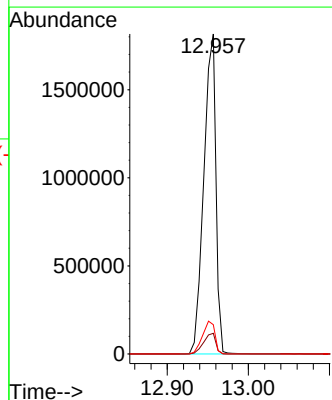
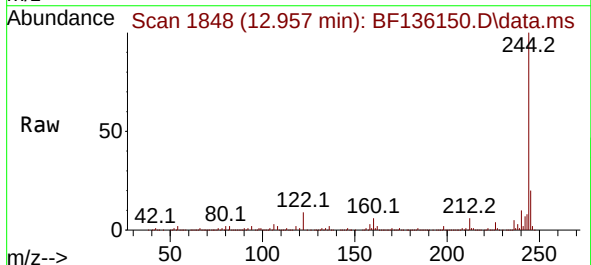
Instrument :
BNA_F
ClientSampleId :
PB156895BL

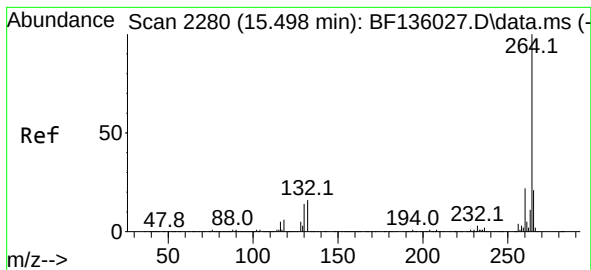
Tgt Ion:184 Resp: 23176
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 6.7 9.5 14.3#



#79
Terphenyl-d14
Concen: 90.003 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF136150.D
Acq: 06 Nov 2023 12:31

Tgt Ion:244 Resp: 1875692
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 9.2 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136150.D

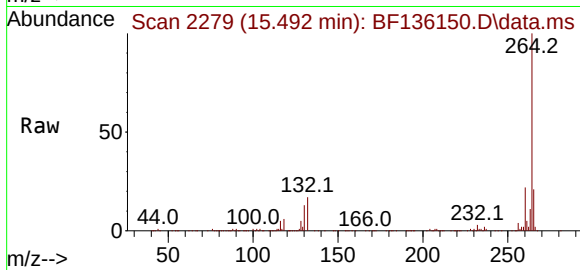
Acq: 06 Nov 2023 12:31

Instrument :

BNA_F

ClientSampleId :

PB156895BL



Tgt Ion:264 Resp: 278532

Ion Ratio Lower Upper

264 100

260 21.5 17.9 26.9

265 20.6 16.8 25.2

