

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136412.D
 Acq On : 05 Dec 2023 18:12
 Operator : CG\JU
 Sample : PB156824BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156824BL

Quant Time: Dec 05 18:50:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 18:10:13 2023
 Response via : Initial Calibration

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

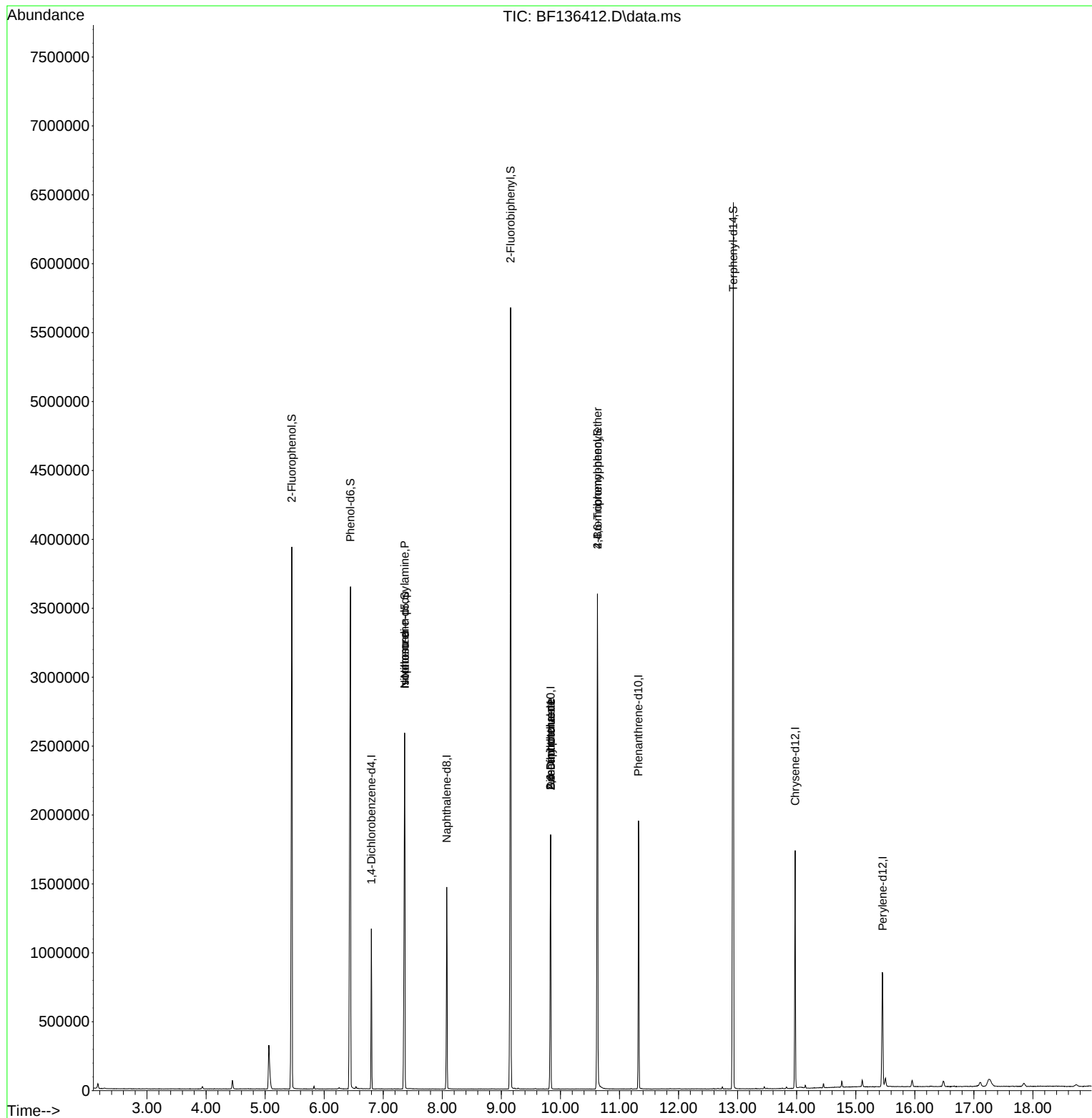
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	155606	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	680704	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	359053	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	722921	20.000	ng	0.00
76) Chrysene-d12	13.974	240	537847	20.000	ng	0.00
86) Perylene-d12	15.456	264	418799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1360440	129.117	ng	0.02
7) Phenol-d6	6.445	99	1653141	125.753	ng	0.00
23) Nitrobenzene-d5	7.363	82	1028280	81.664	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	574389	129.742	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2098526	79.750	ng	0.00
79) Terphenyl-d14	12.927	244	2761165	67.665	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.439	77	2286	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	135295	17.841	ng	# 79
25) Isophorone	7.363	82	1025384	45.327	ng	# 65
50) Dimethylphthalate	9.833	163	74792	2.829	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	46217	7.771	ng	# 28
57) 2,4-Dinitrotoluene	9.833	165	46217	5.875	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	33443	3.979	ng	# 1

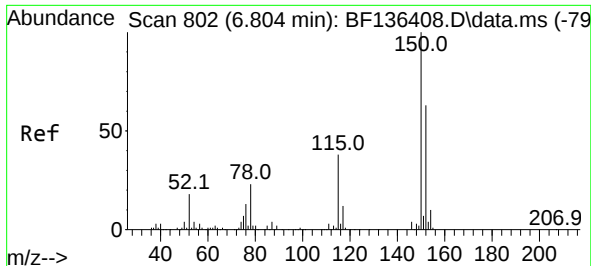
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
Data File : BF136412.D
Acq On : 05 Dec 2023 18:12
Operator : CG\JU
Sample : PB156824BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB156824BL

Quant Time: Dec 05 18:50:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 18:10:13 2023
Response via : Initial Calibration

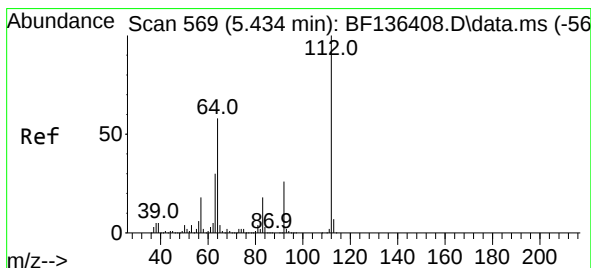
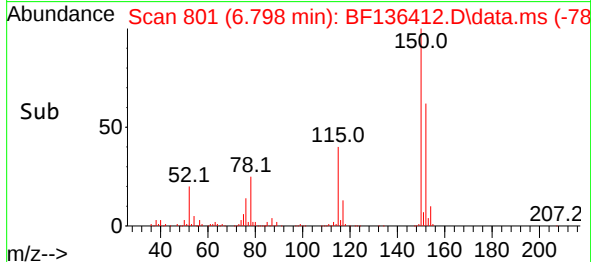
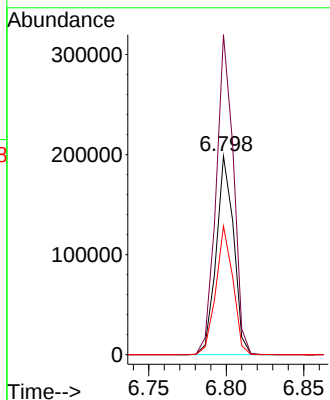
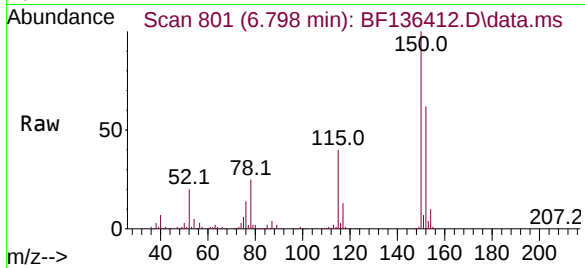




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

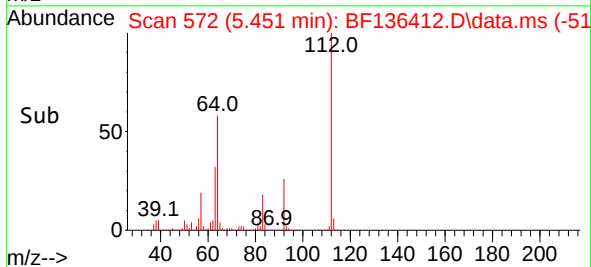
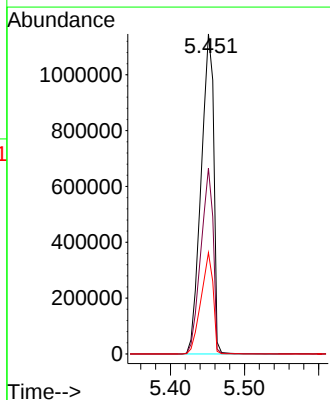
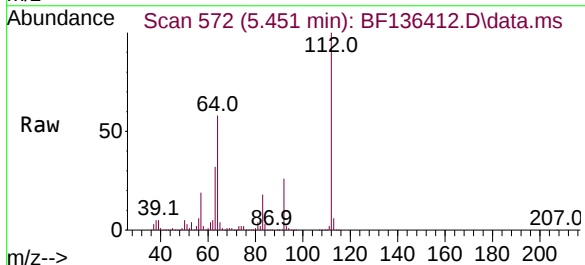
Instrument :
BNA_F
ClientSampleId :
PB156824BL

Tgt Ion:152 Resp: 155606
Ion Ratio Lower Upper
152 100
150 161.2 126.4 189.6
115 64.7 48.2 72.4



#5
2-Fluorophenol
Concen: 129.117 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

Tgt Ion:112 Resp: 1360440
Ion Ratio Lower Upper
112 100
64 58.1 46.5 69.7
63 31.7 23.9 35.9

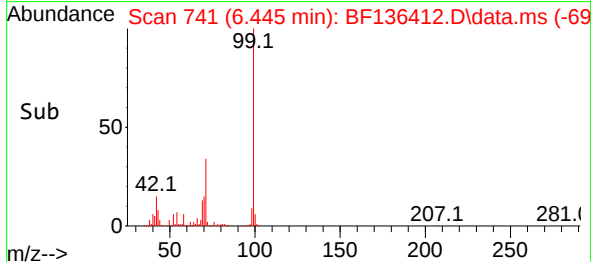
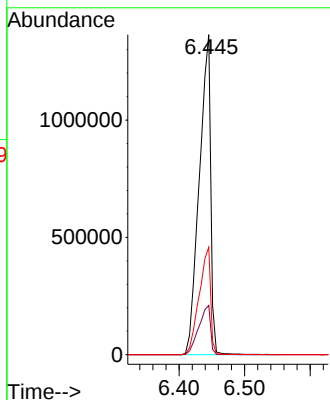
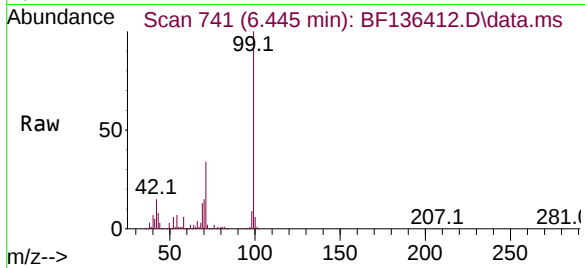




#7
Phenol-d6
Concen: 125.753 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

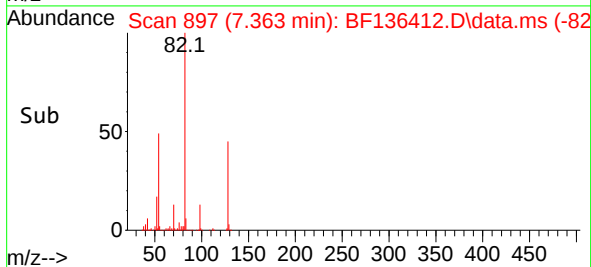
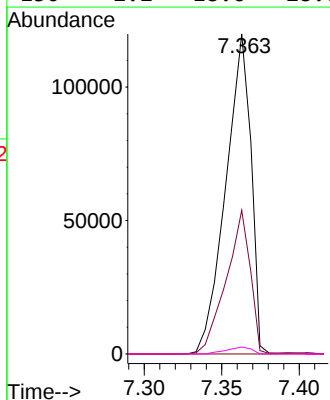
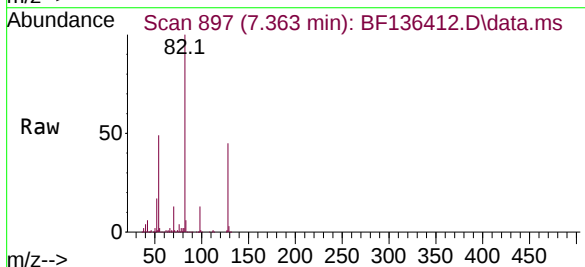
Instrument :
BNA_F
ClientSampleId :
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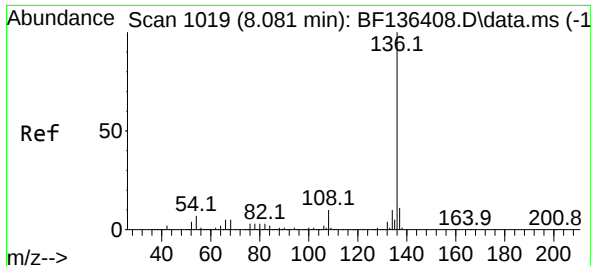
Tgt Ion: 99 Resp: 1653141
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.6 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.841 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

Tgt Ion: 70 Resp: 135295
Ion Ratio Lower Upper
70 100
42 44.9 41.4 62.0
101 0.0 8.2 12.4#
130 2.2 18.6 28.0#



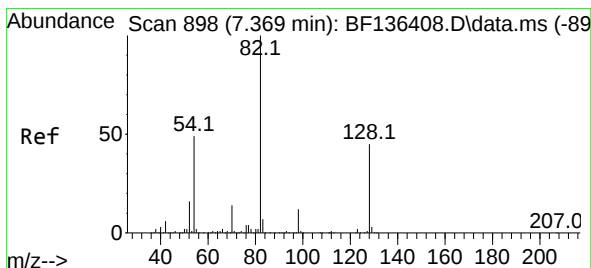
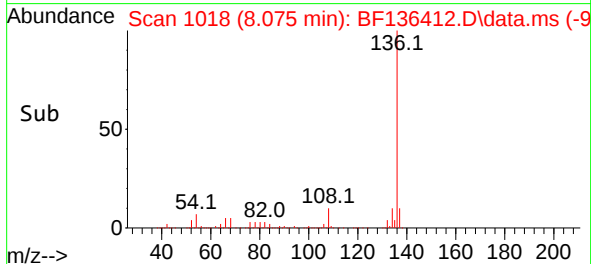
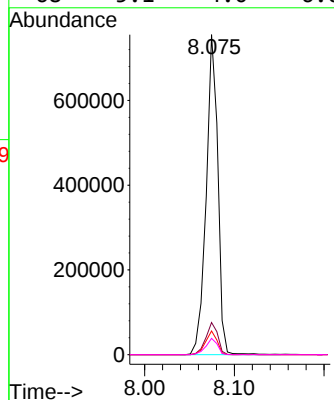
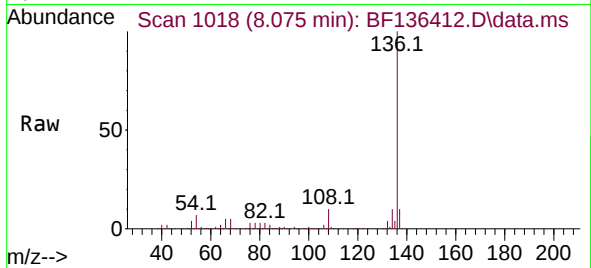


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

Instrument :
BNA_F
ClientSampleId :
PB156824BL

Tgt Ion:136 Resp: 680704

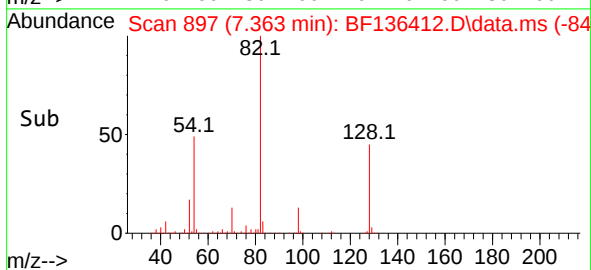
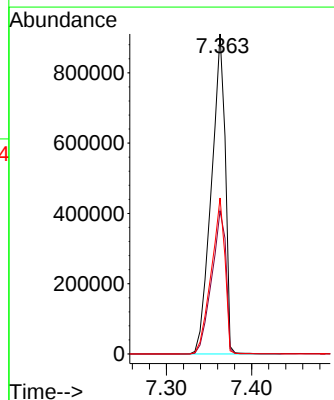
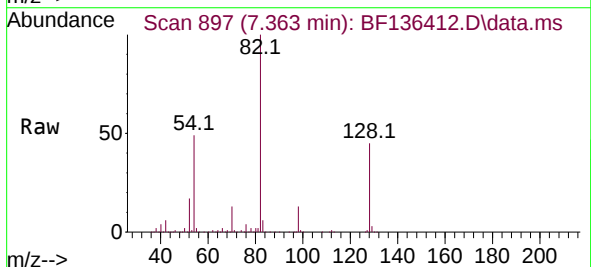
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	12.8
54	7.4	5.7	8.5
68	5.1	4.0	6.0

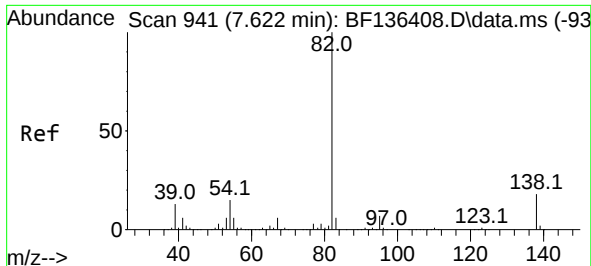


#23
Nitrobenzene-d5
Concen: 81.664 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

Tgt Ion: 82 Resp: 1028280

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.3	54.5
54	48.8	39.0	58.6

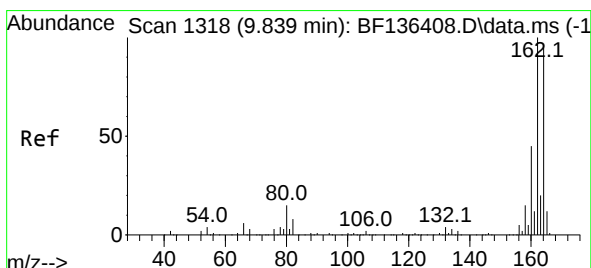
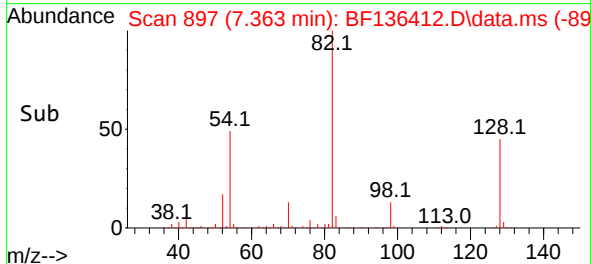
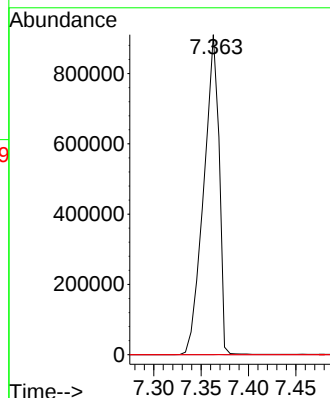
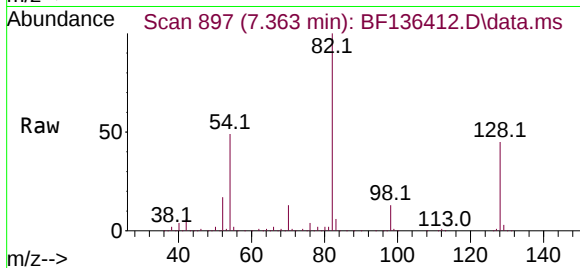




#25
Isophorone
Concen: 45.327 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

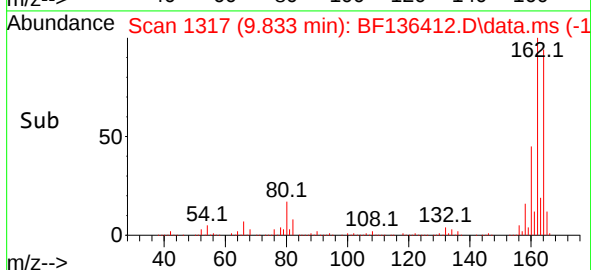
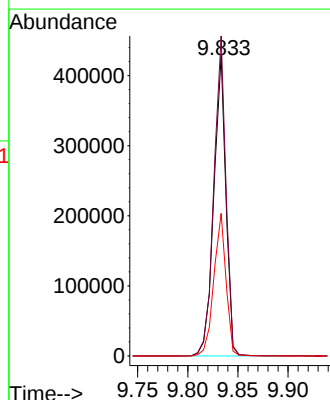
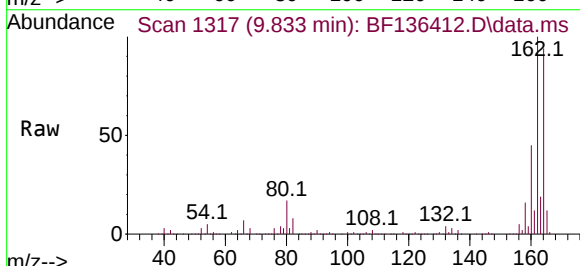
Instrument :
BNA_F
ClientSampleId :
PB156824BL

Tgt Ion: 82 Resp: 1025384
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

Tgt Ion:164 Resp: 359053
Ion Ratio Lower Upper
164 100
162 106.5 84.4 126.6
160 47.5 37.6 56.4

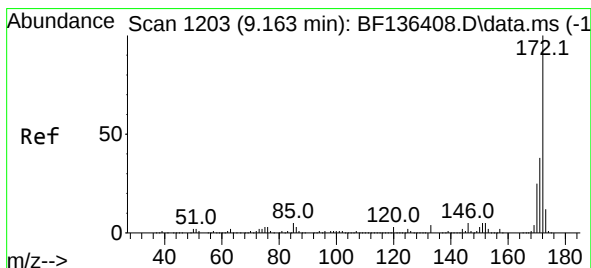
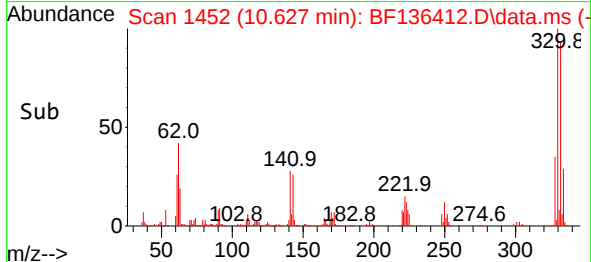
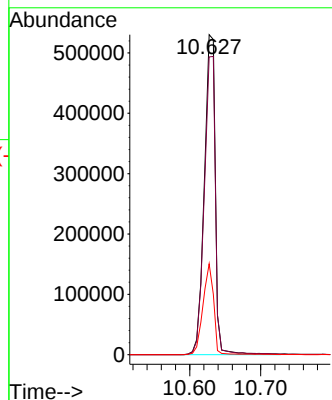
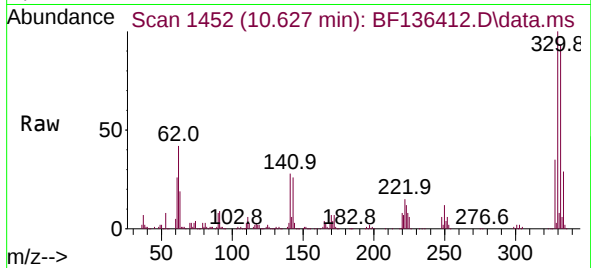




#42
2,4,6-Tribromophenol
Concen: 129.742 ng
RT: 10.627 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

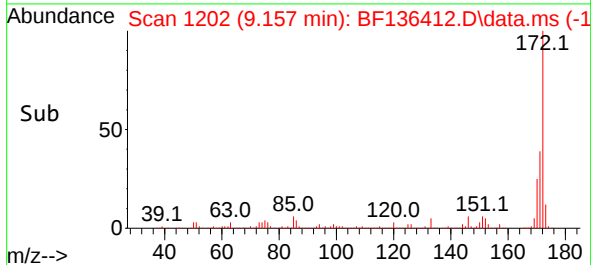
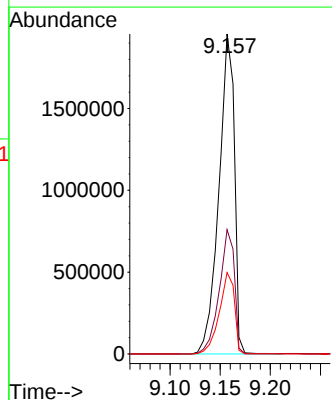
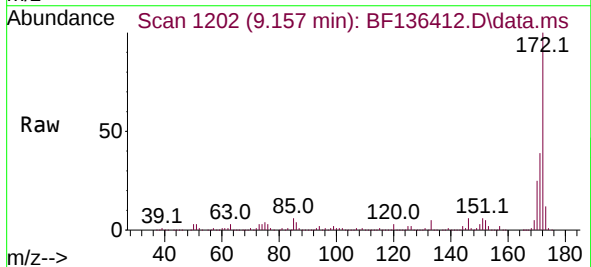
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BNA_F
ClientSampleId :
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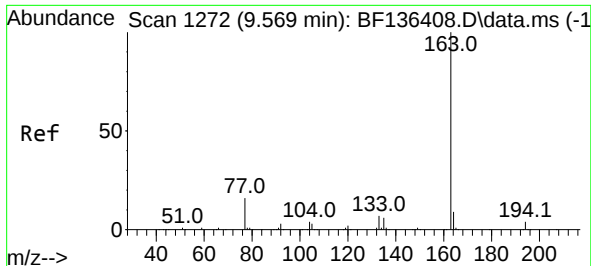
Tgt Ion:330 Resp: 574389
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 27.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 79.750 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

Tgt Ion:172 Resp: 2098526
Ion Ratio Lower Upper
172 100
171 38.9 30.5 45.7
170 25.5 19.9 29.9

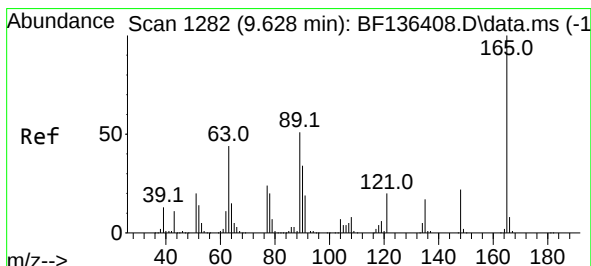
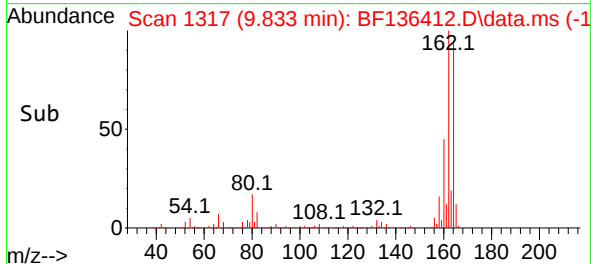
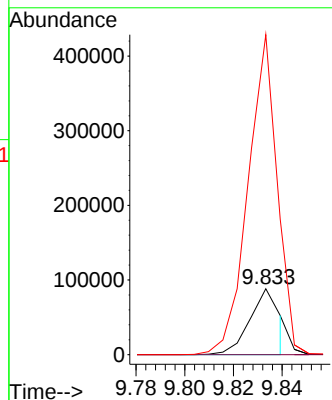
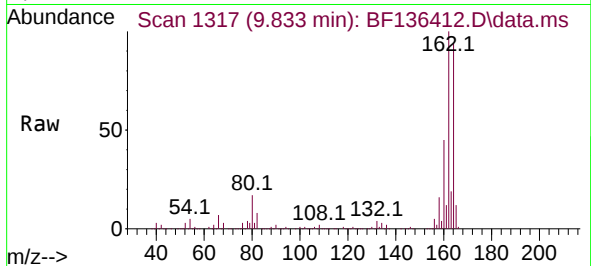




#50
Dimethylphthalate
Concen: 2.829 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

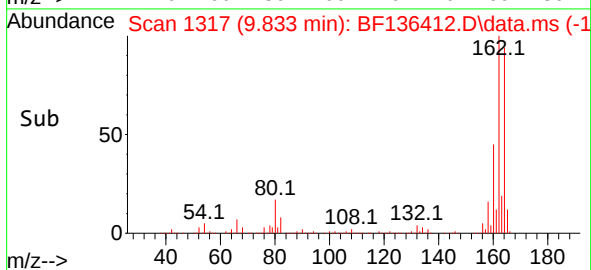
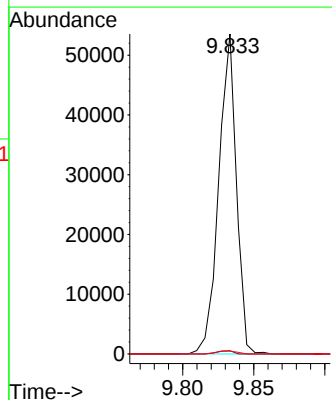
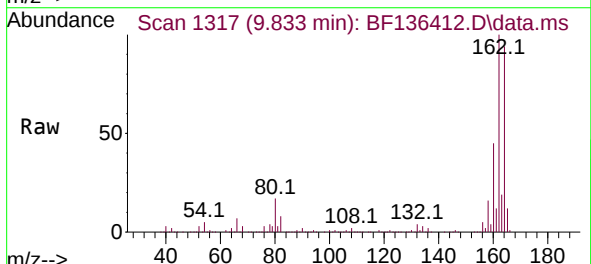
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BNA_F
ClientSampleId :
PB156824BL

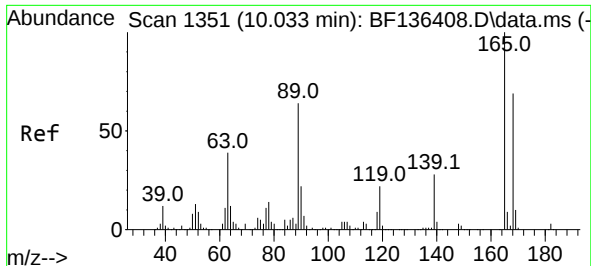
Tgt Ion:163 Resp: 74792
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 485.1 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.771 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

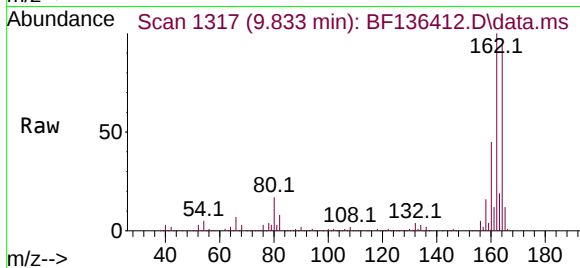
Tgt Ion:165 Resp: 46217
Ion Ratio Lower Upper
165 100
63 1.0 40.4 60.6#
89 0.9 40.6 60.8#



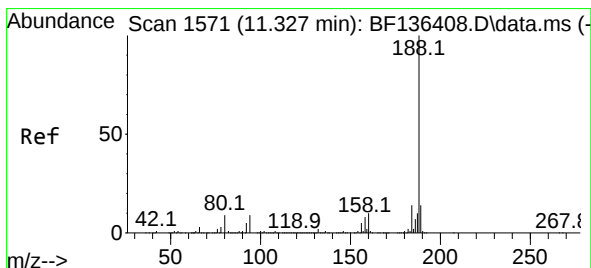
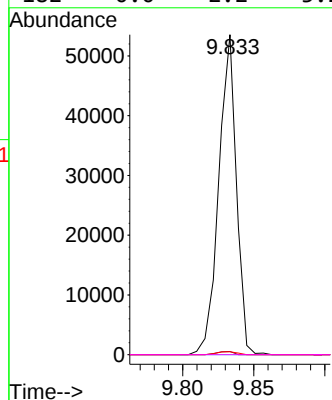
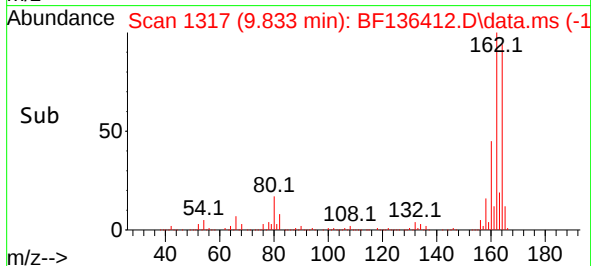


#57
2,4-Dinitrotoluene
Concen: 5.875 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

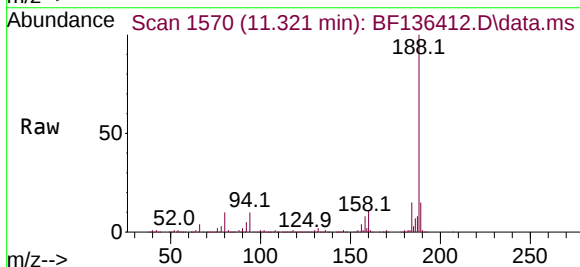
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BNA_F
ClientSampleId :
PB156824BL



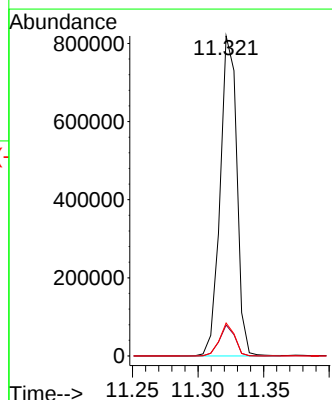
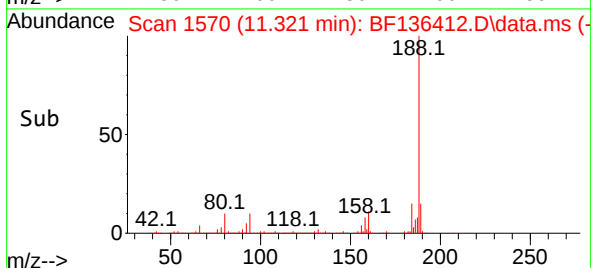
Tgt Ion:165 Resp: 46217
Ion Ratio Lower Upper
165 100
63 1.0 31.4 47.2#
89 0.9 51.7 77.5#
182 0.0 2.2 3.2#

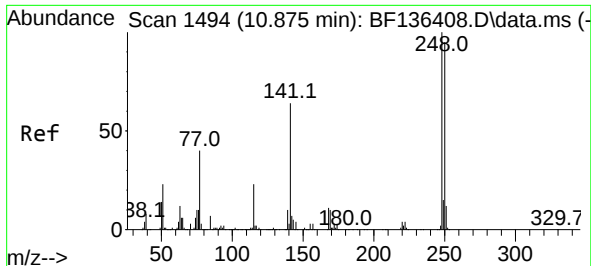


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12



Tgt Ion:188 Resp: 722921
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.3 7.2 10.8

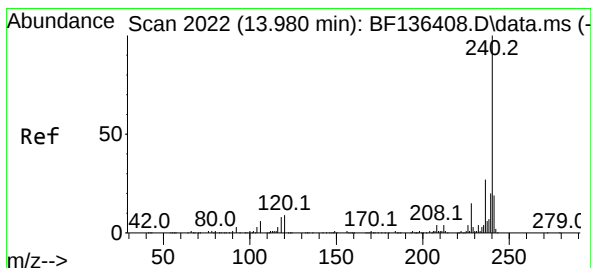
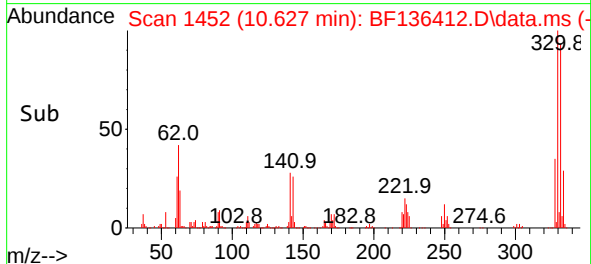
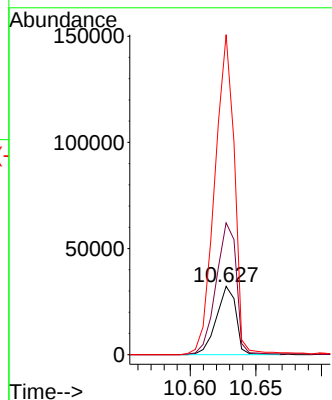
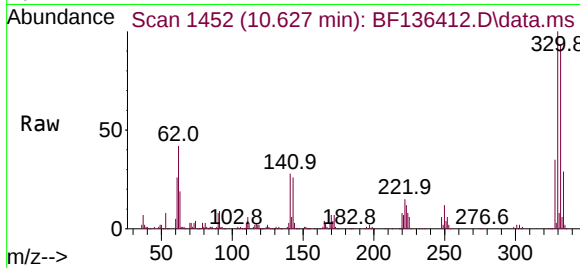




#67
4-Bromophenyl-phenylether
Concen: 3.979 ng
RT: 10.627 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

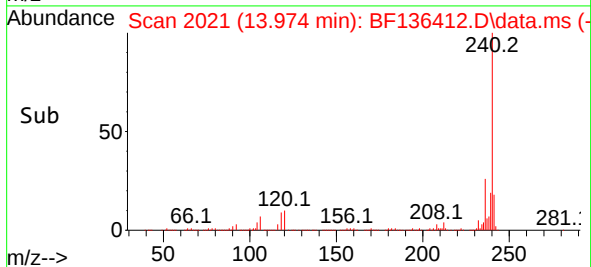
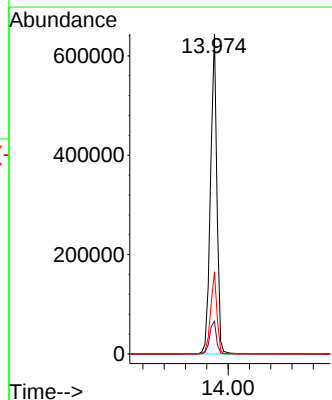
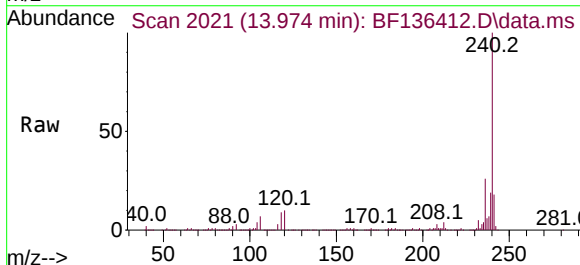
Instrument :
BNA_F
ClientSampleId :
PB156824BL

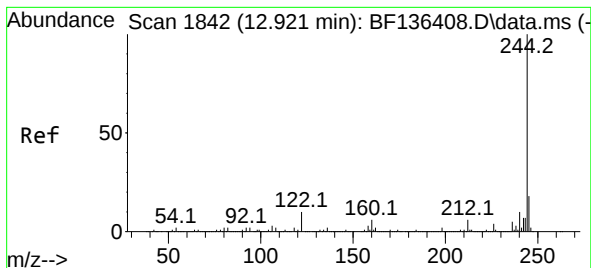
Tgt Ion:248 Resp: 33443
Ion Ratio Lower Upper
248 100
250 193.0 76.2 114.2#
141 468.5 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136412.D
Acq: 05 Dec 2023 18:12

Tgt Ion:240 Resp: 537847
Ion Ratio Lower Upper
240 100
120 10.2 7.3 10.9
236 25.7 21.3 31.9





#79

Terphenyl-d14

Concen: 67.665 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF136412.D

Acq: 05 Dec 2023 18:12

Instrument :

BNA_F

ClientSampleId :

PB156824BL

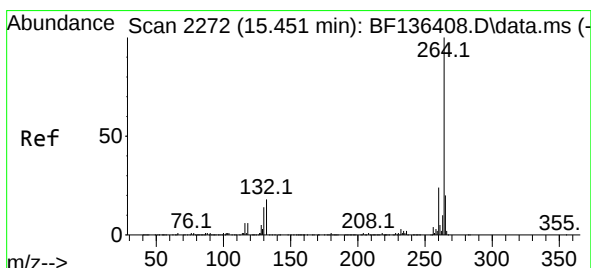
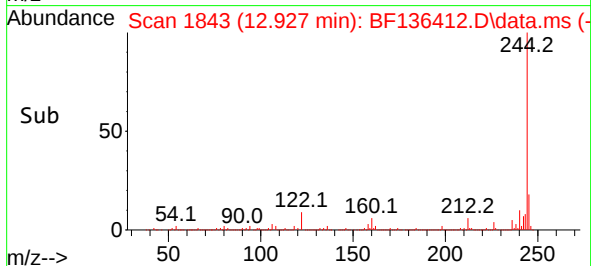
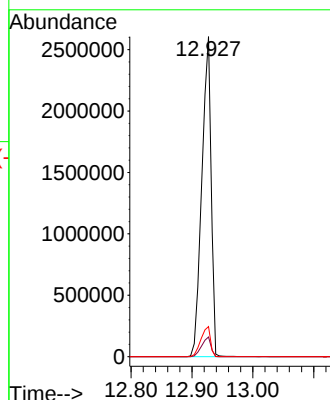
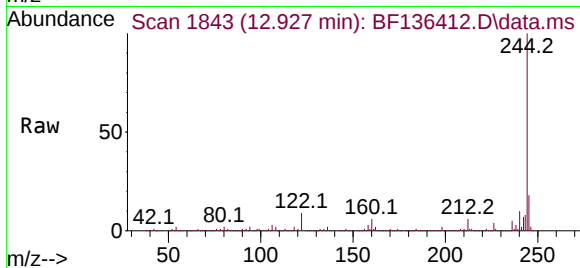
Tgt Ion:244 Resp: 2761165

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 9.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136412.D

Acq: 05 Dec 2023 18:12

Tgt Ion:264 Resp: 418799

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 20.6 15.9 23.9

