

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139875.D
 Acq On : 19 Oct 2024 16:53
 Operator : RC/JU
 Sample : P4425-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 21 01:41:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

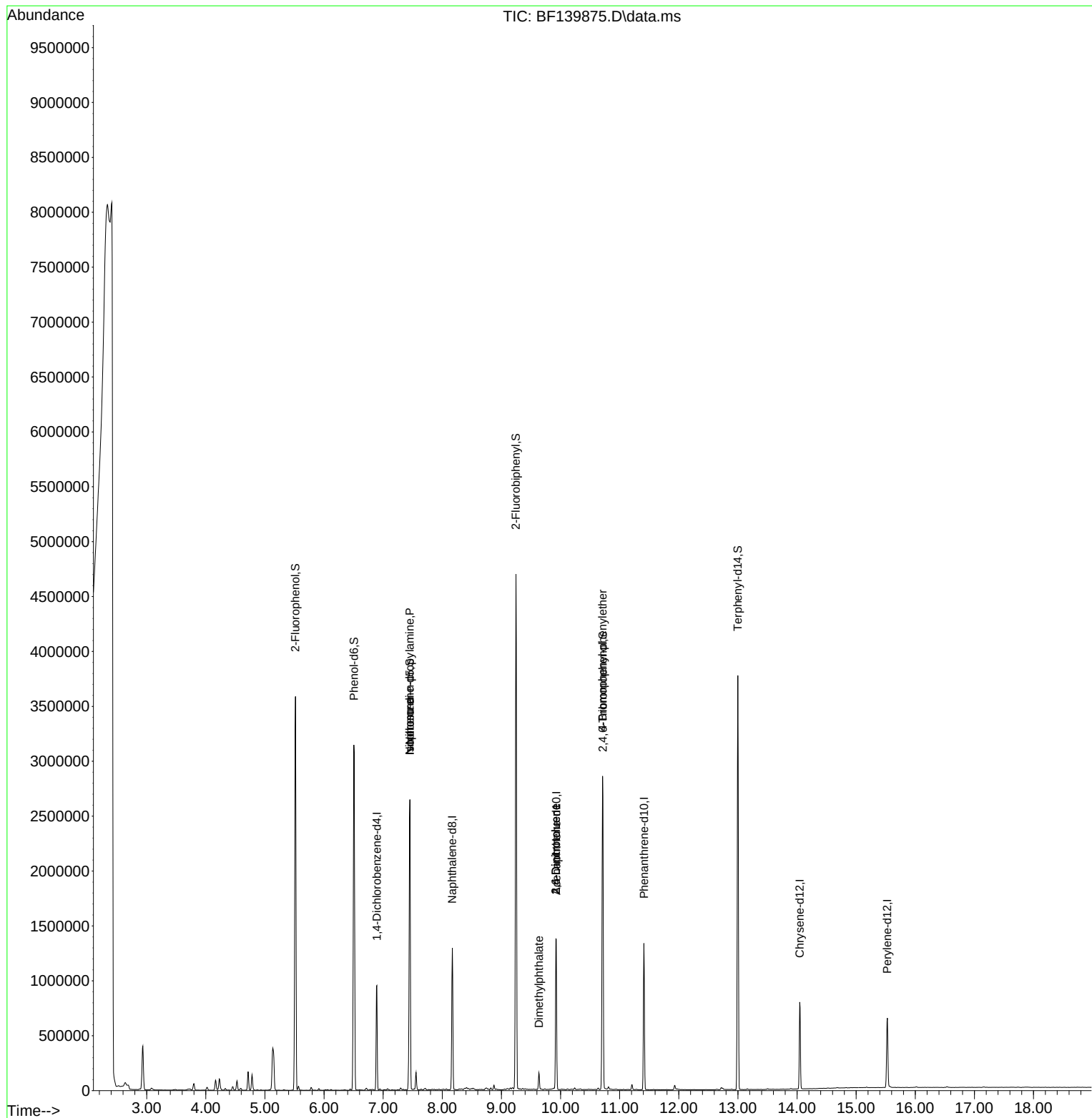
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	199577	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	755660	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	412131	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	670097	20.000	ng	0.00
76) Chrysene-d12	14.045	240	370038	20.000	ng	0.00
86) Perylene-d12	15.527	264	367770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1376417	107.967	ng	0.02
7) Phenol-d6	6.504	99	1614666	97.791	ng	0.00
23) Nitrobenzene-d5	7.451	82	1216282	89.208	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	510100	132.324	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2076089	83.254	ng	0.00
79) Terphenyl-d14	12.998	244	1853476	81.619	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	166442	16.621	ng	# 79
25) Isophorone	7.451	82	1214320	46.925	ng	# 67
50) Dimethylphthalate	9.634	163	83704	3.261	ng	99
51) 2,6-Dinitrotoluene	9.922	165	54730	9.847	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	54730	8.007	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	32675	4.733	ng	# 1

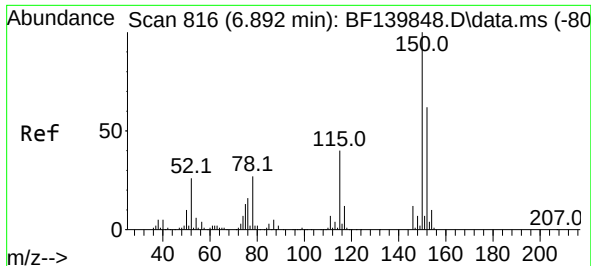
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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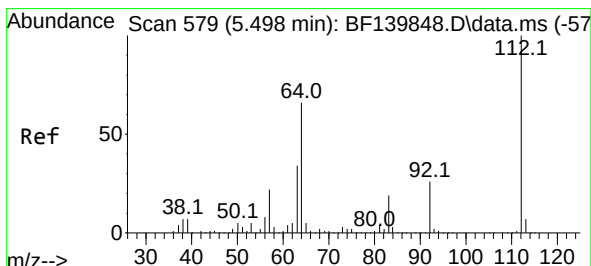
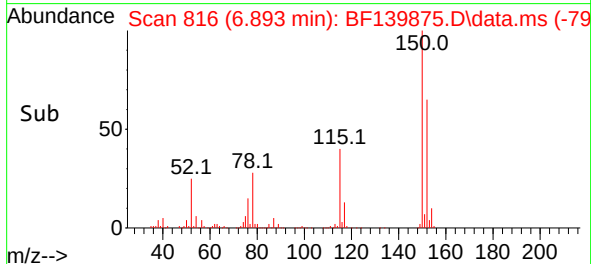
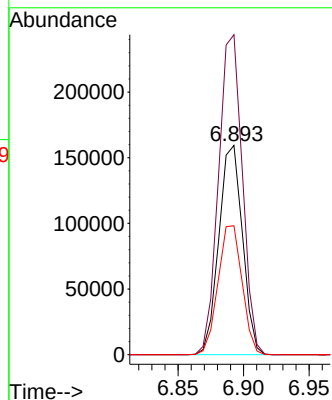
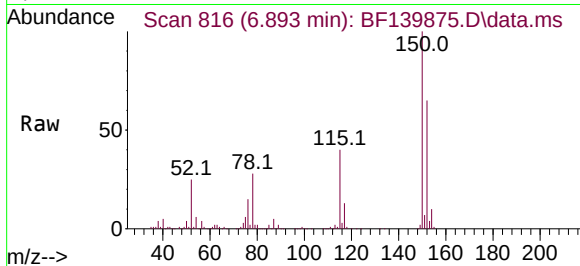




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

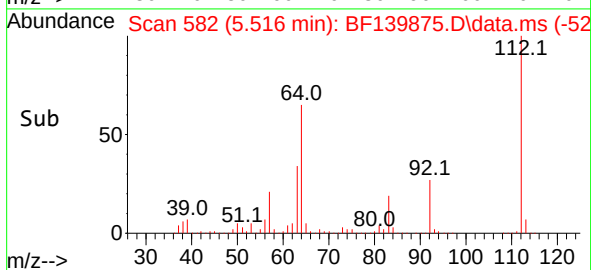
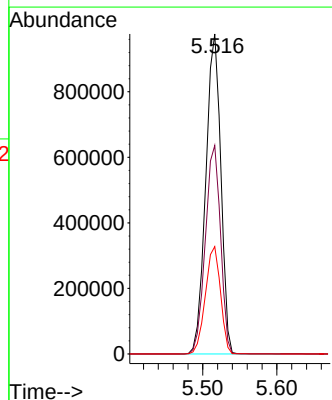
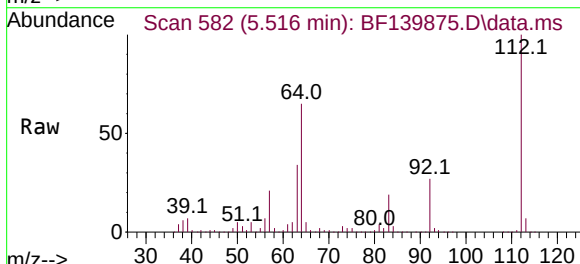
Instrument :
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TP-1

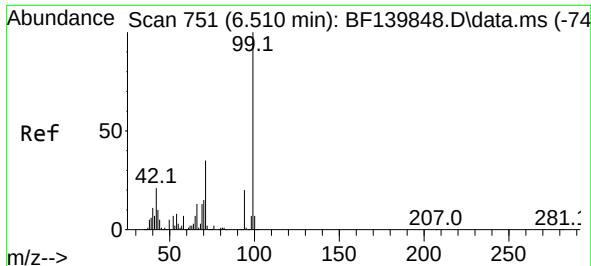
Tgt Ion:152 Resp: 199577
Ion Ratio Lower Upper
152 100
150 152.9 130.2 195.2
115 61.6 51.4 77.2



#5
2-Fluorophenol
Concen: 107.967 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

Tgt Ion:112 Resp: 1376417
Ion Ratio Lower Upper
112 100
64 65.2 53.0 79.6
63 33.5 27.0 40.4





#7
Phenol-d6
Concen: 97.791 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

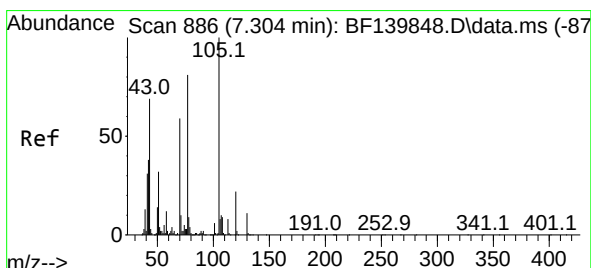
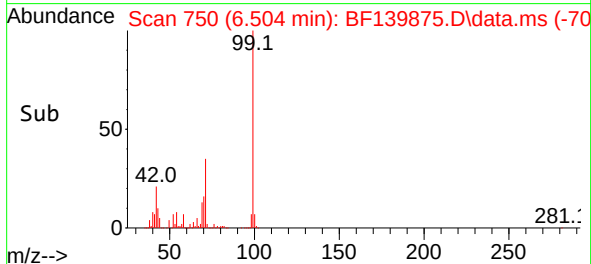
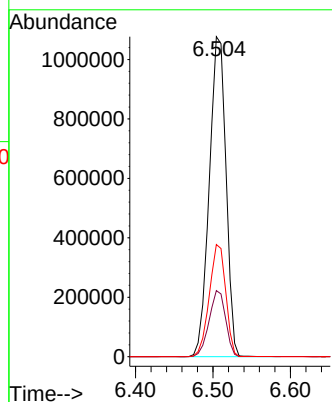
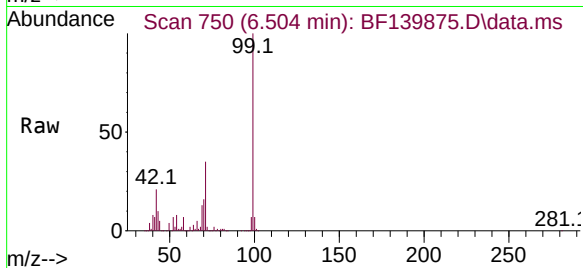
Instrument :

BNA_F

ClientSampleId :

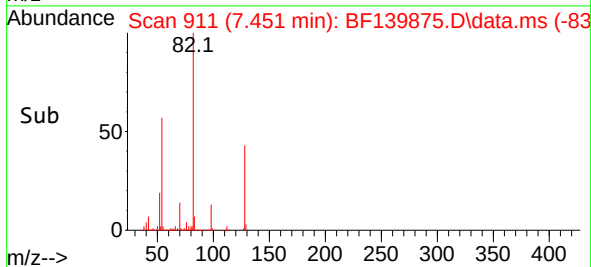
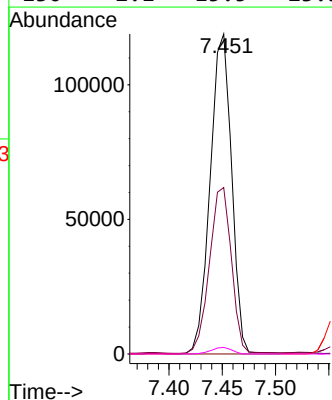
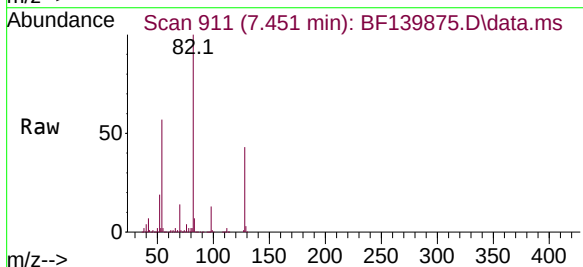
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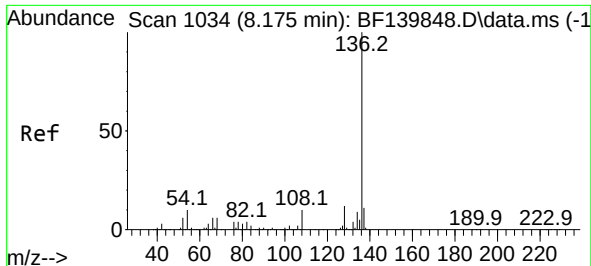
Tgt Ion: 99 Resp: 1614666
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 35.0 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.621 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

Tgt Ion: 70 Resp: 166442
Ion Ratio Lower Upper
70 100
42 52.0 51.5 77.3
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



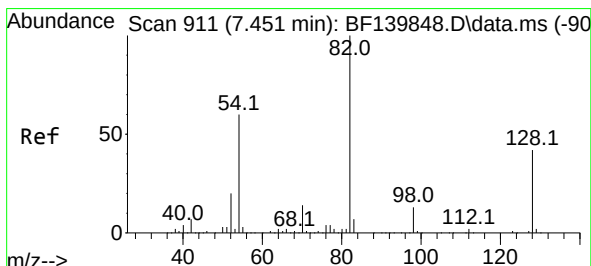
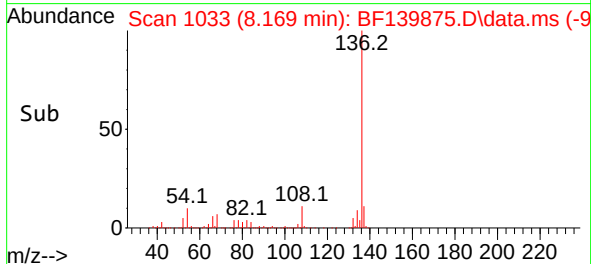
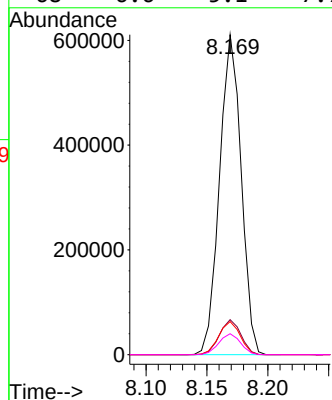
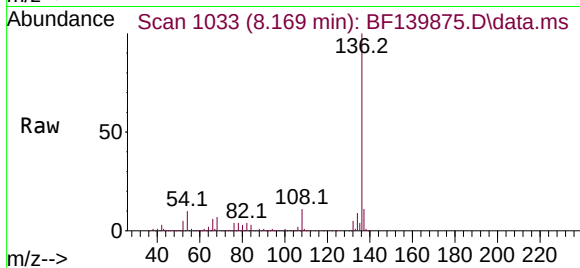


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 755660

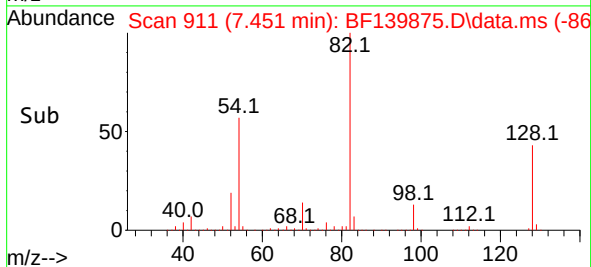
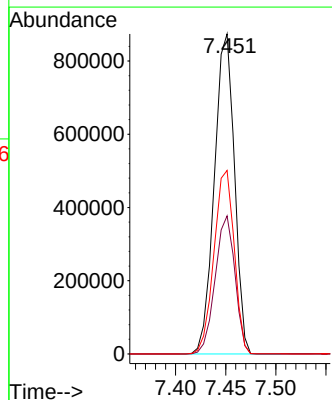
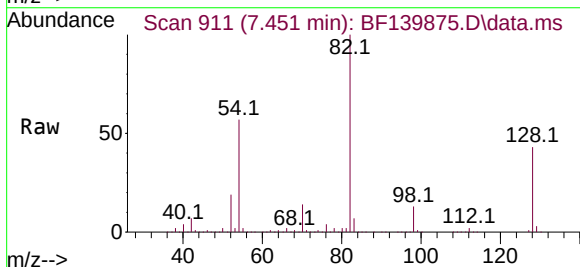
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.3	8.4	12.6
68	6.6	5.1	7.7

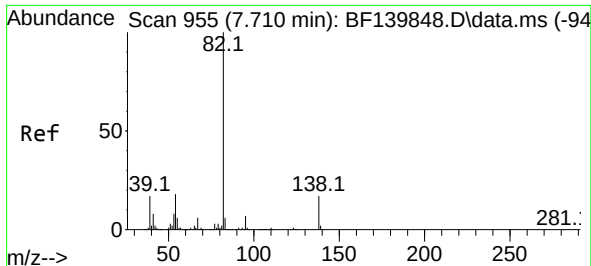


#23
Nitrobenzene-d5
Concen: 89.208 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

Tgt Ion: 82 Resp: 1216282

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	57.4	47.8	71.8

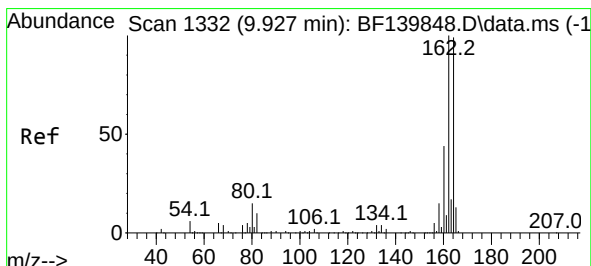
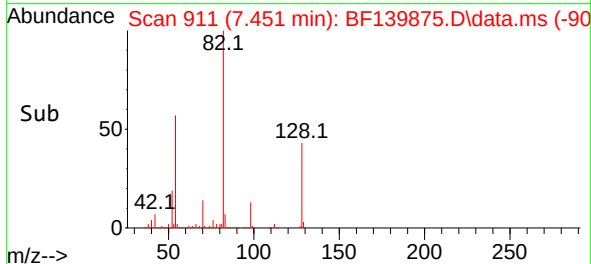
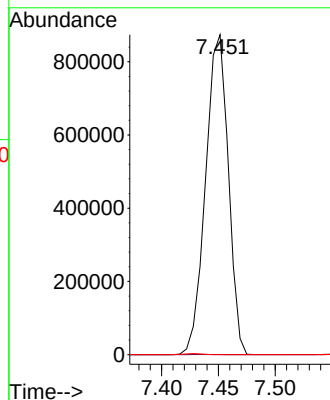
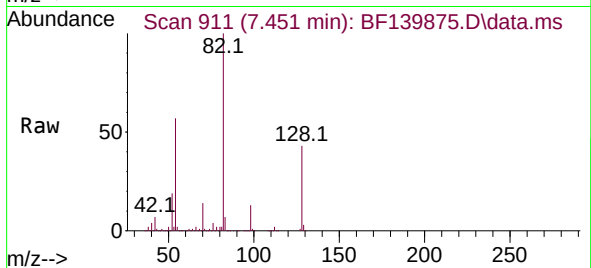




#25
Isophorone
Concen: 46.925 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

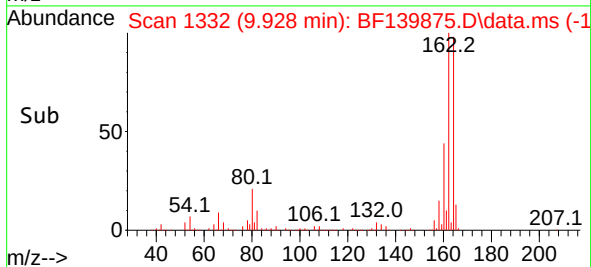
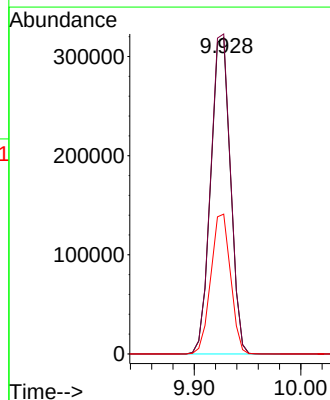
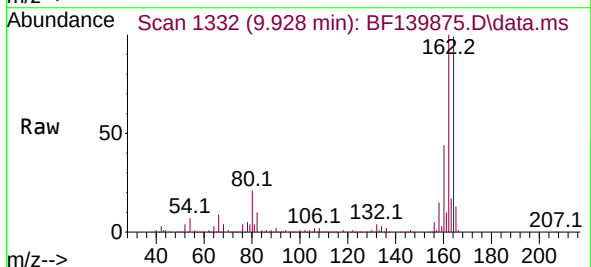
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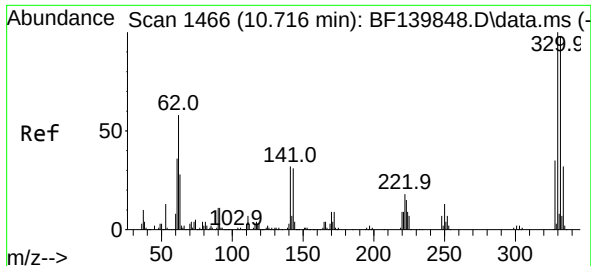
Tgt Ion: 82 Resp: 1214320
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

Tgt Ion:164 Resp: 412131
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 44.2 35.4 53.0

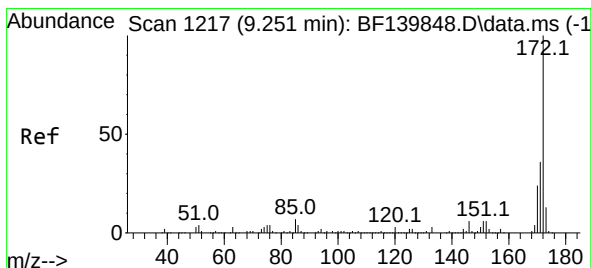
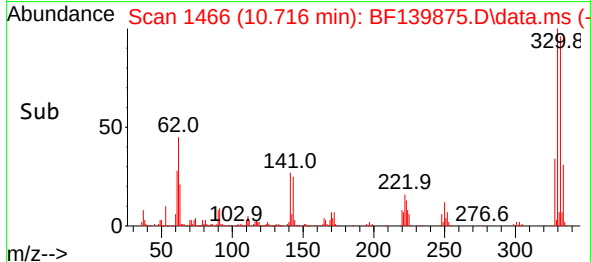
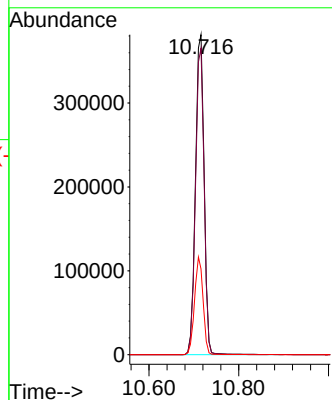
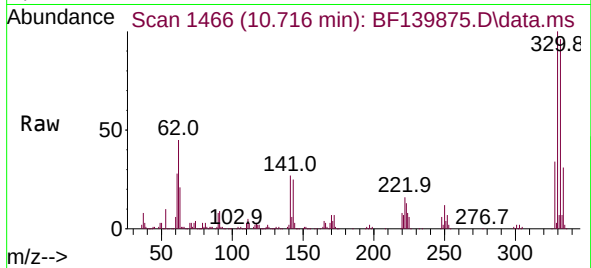




#42
2,4,6-Tribromophenol
Concen: 132.324 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

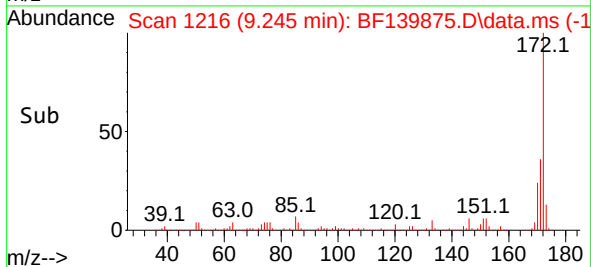
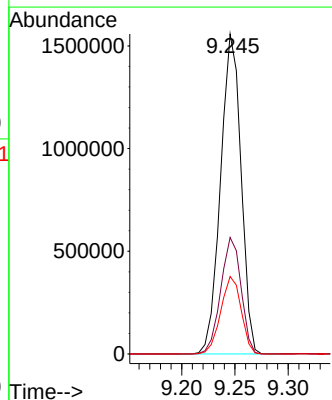
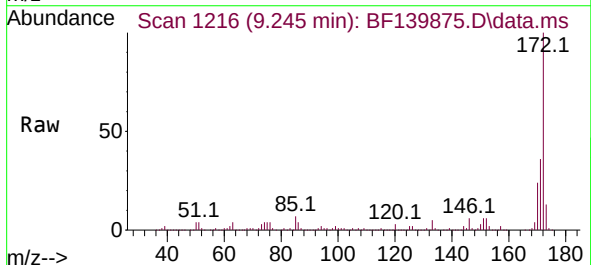
Instrument :
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ClientSampleId :
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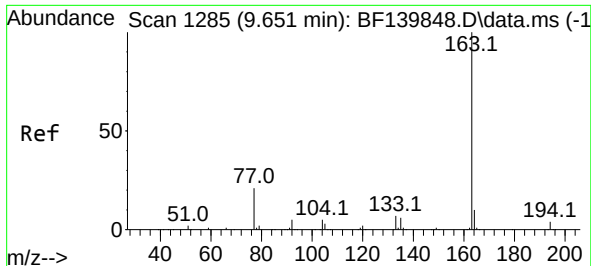
Tgt Ion:330 Resp: 510100
Ion Ratio Lower Upper
330 100
332 95.3 78.1 117.1
141 30.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 83.254 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

Tgt Ion:172 Resp: 2076089
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.2 19.1 28.7

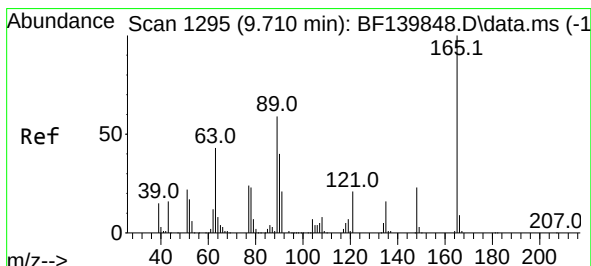
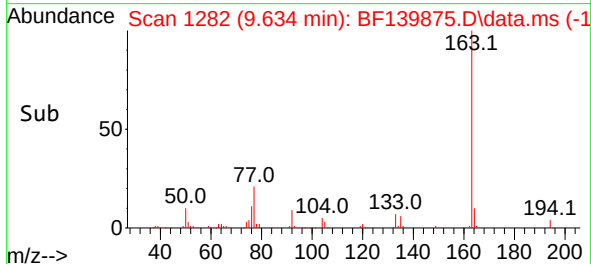
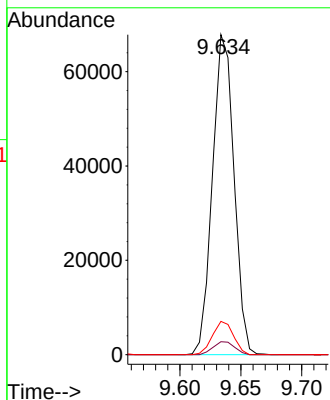
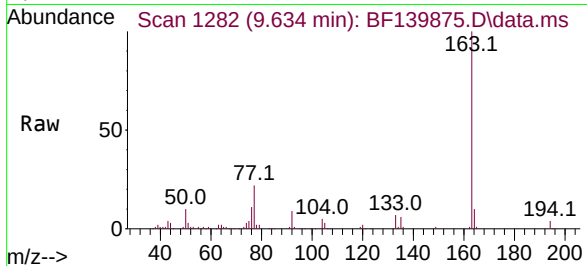




#50
Dimethylphthalate
Concen: 3.261 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

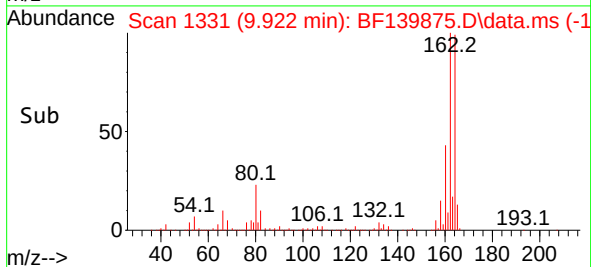
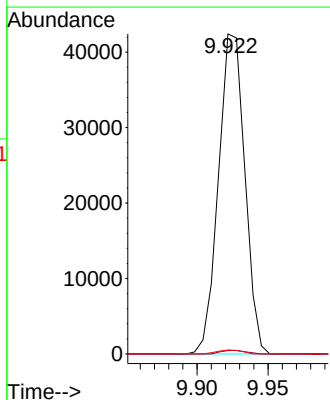
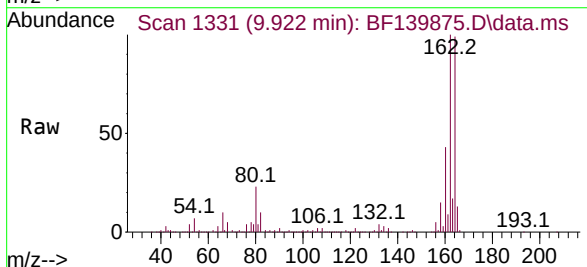
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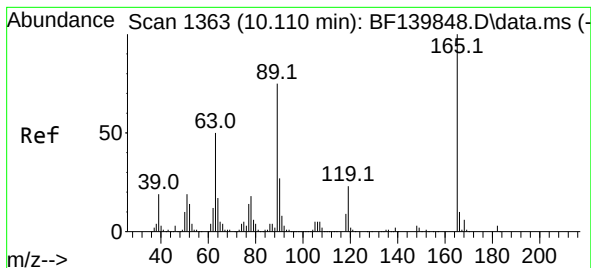
Tgt Ion:163 Resp: 83704
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 9.847 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

Tgt Ion:165 Resp: 54730
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.3 47.5 71.3#

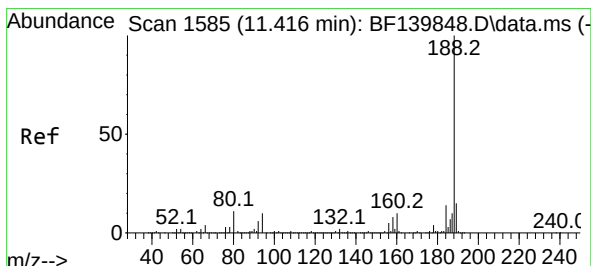
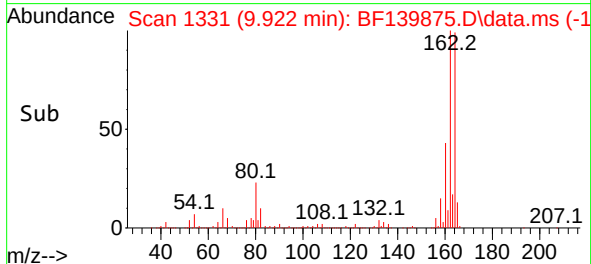
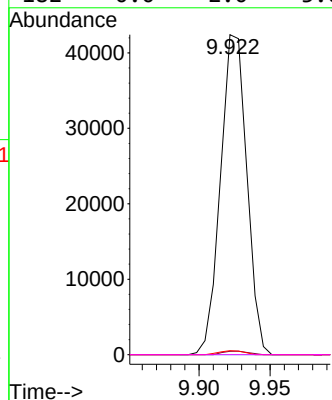
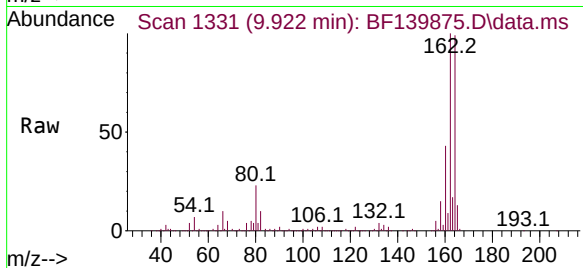




#57
2,4-Dinitrotoluene
Concen: 8.007 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

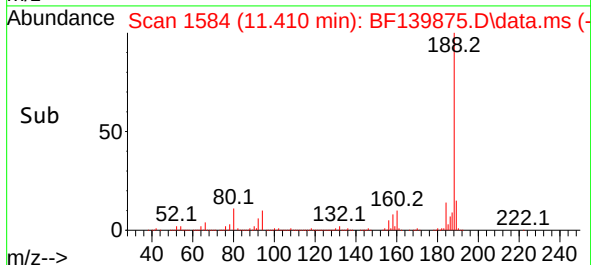
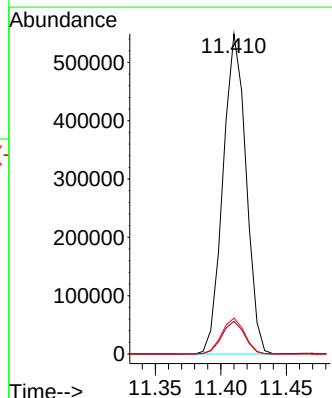
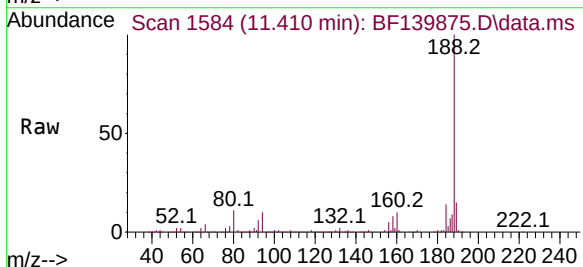
Instrument :
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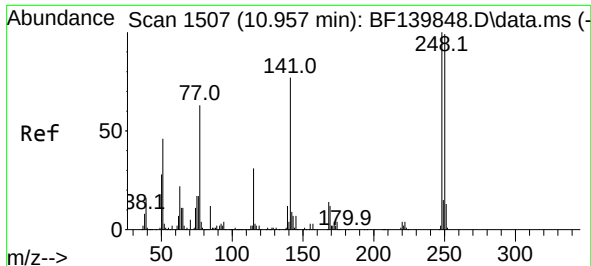
Tgt Ion:165 Resp: 54730
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

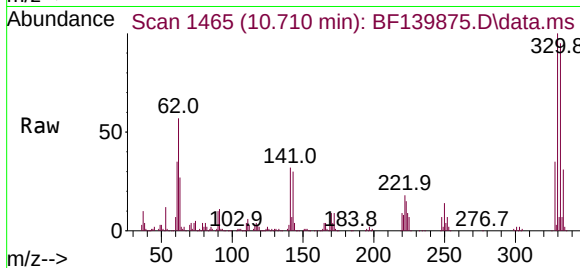
Tgt Ion:188 Resp: 670097
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.2 9.0 13.4



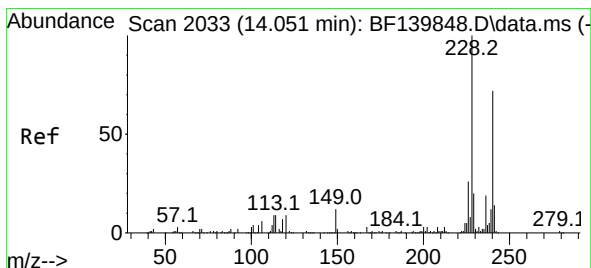
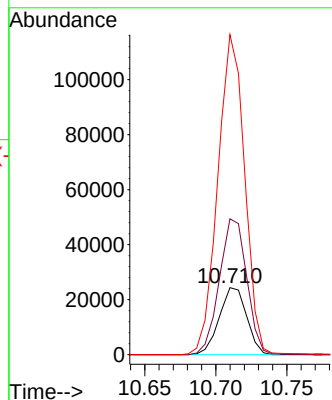
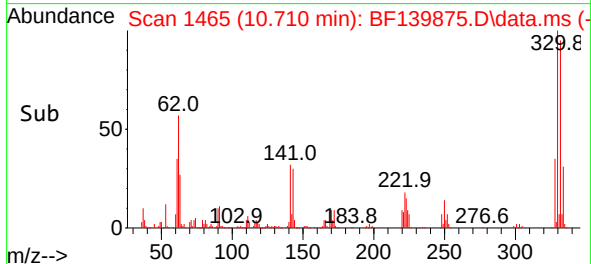


#67
4-Bromophenyl-phenylether
Concen: 4.733 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

Instrument :
BNA_F
ClientSampleId :
TP-1

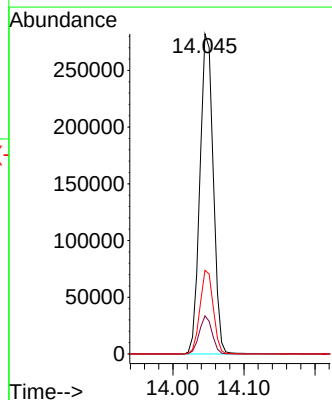
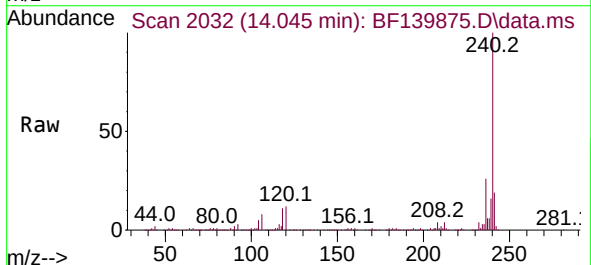


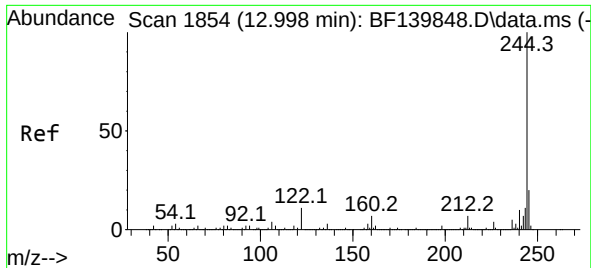
Tgt Ion:248 Resp: 32675
Ion Ratio Lower Upper
248 100
250 202.5 79.0 118.6#
141 477.0 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139875.D
Acq: 19 Oct 2024 16:53

Tgt Ion:240 Resp: 370038
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 26.1 20.9 31.3

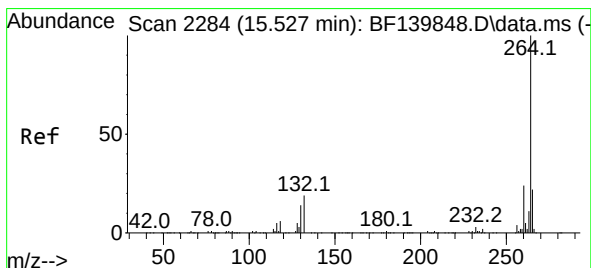
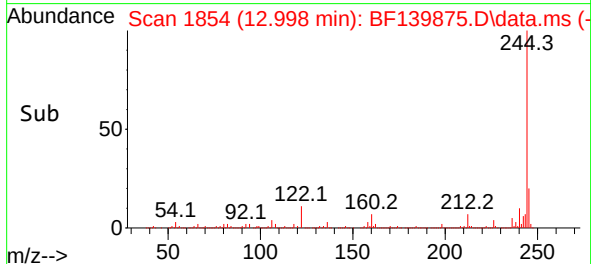
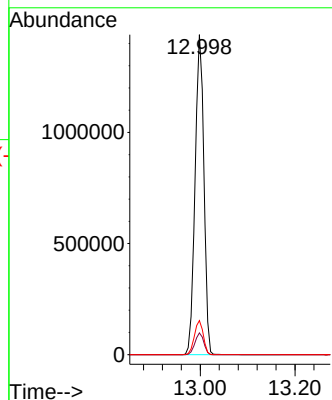
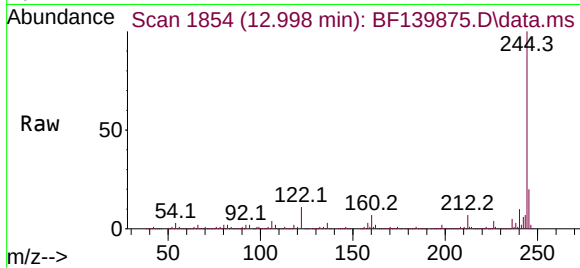




#79
 Terphenyl-d14
 Concen: 81.619 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139875.D
 Acq: 19 Oct 2024 16:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1853476
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139875.D
 Acq: 19 Oct 2024 16:53

Tgt Ion:264 Resp: 367770
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.4 17.4 26.0

