

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140174.D
 Acq On : 30 Oct 2024 22:37
 Operator : RC/JU
 Sample : P4598-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Nov 01 02:19:52 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)

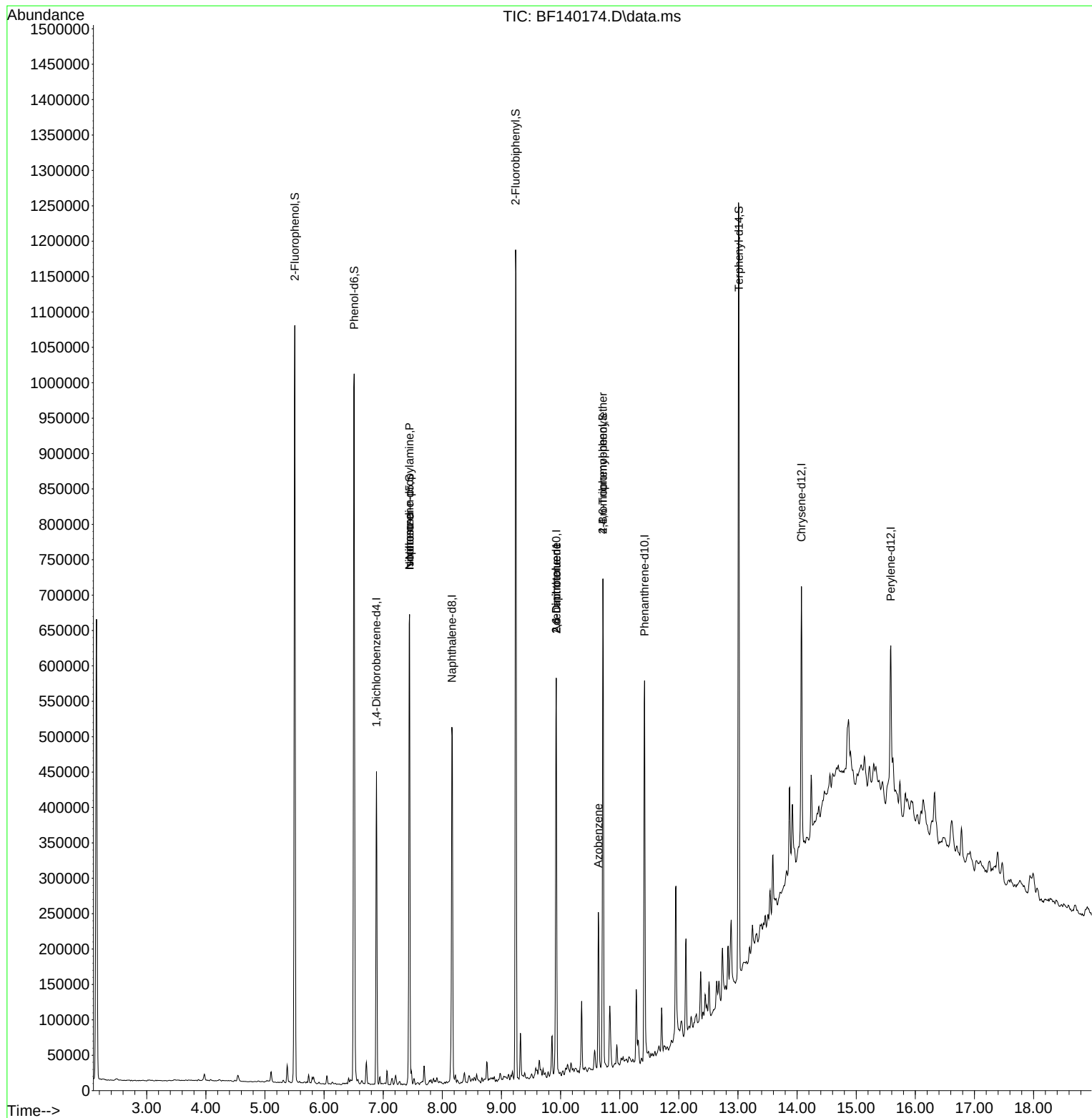
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	85198	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	303707	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	158983	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	284535	20.000	ng	0.00
76) Chrysene-d12	14.074	240	169088	20.000	ng	0.02
86) Perylene-d12	15.586	264	128543	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	374831	68.874	ng	0.00
7) Phenol-d6	6.510	99	451322	64.030	ng	0.00
23) Nitrobenzene-d5	7.445	82	287328	52.435	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	109891	73.897	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	519654	54.020	ng	-0.01
79) Terphenyl-d14	13.016	244	556049	53.586	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	40229	9.410	ng	# 75
25) Isophorone	7.445	82	285931	27.492	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	21141	9.860	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	21323	8.087	ng	# 22
63) Azobenzene	10.639	77	55282	5.363	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	7361	2.511	ng	# 1

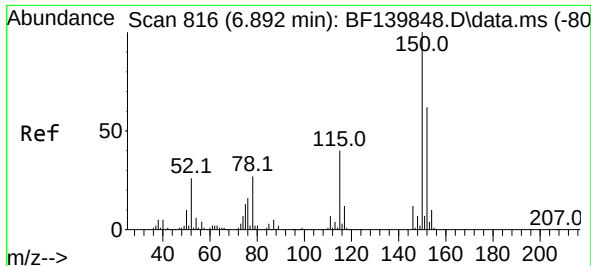
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

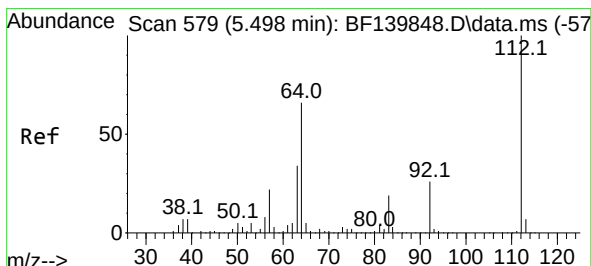
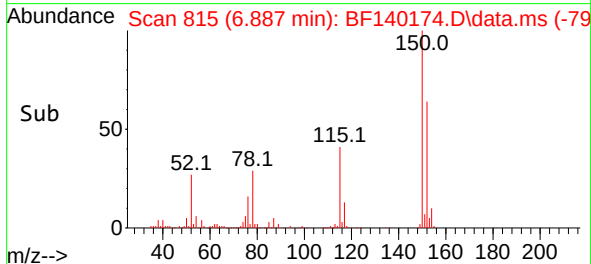
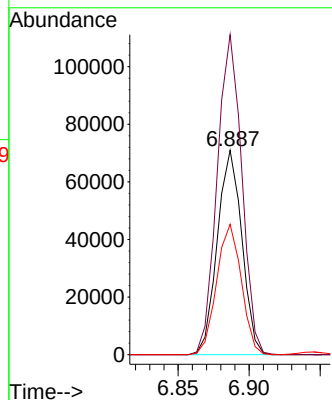
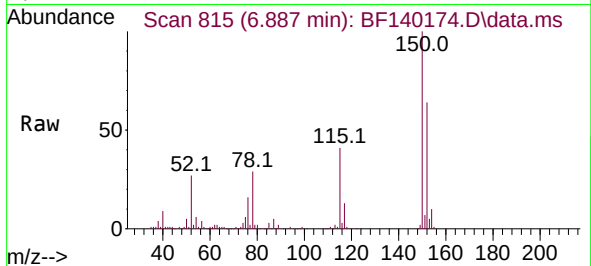




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

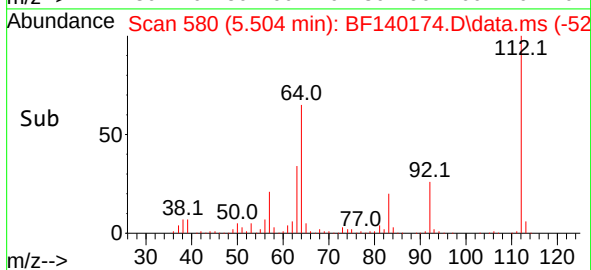
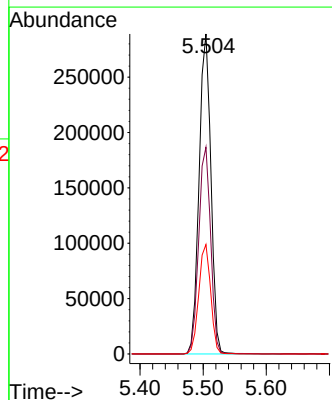
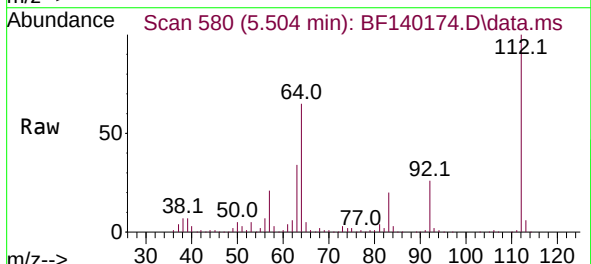
Instrument :
BNA_F
ClientSampleId :
TP-8

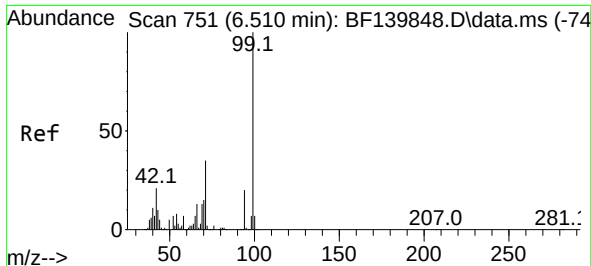
Tgt Ion:152 Resp: 85198
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 68.874 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Tgt Ion:112 Resp: 374831
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 34.2 27.0 40.4

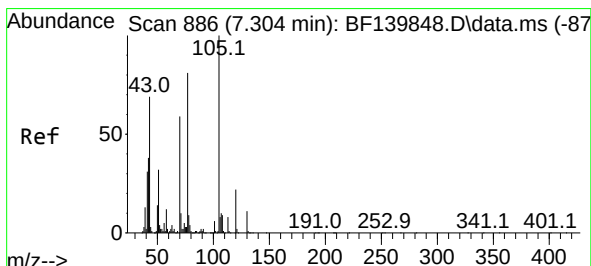
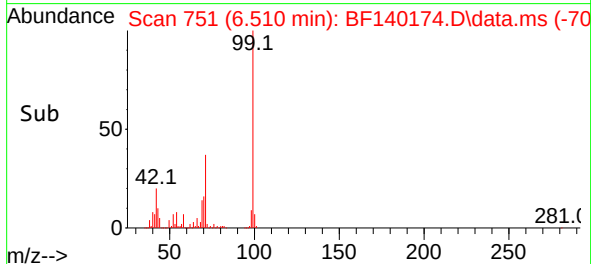
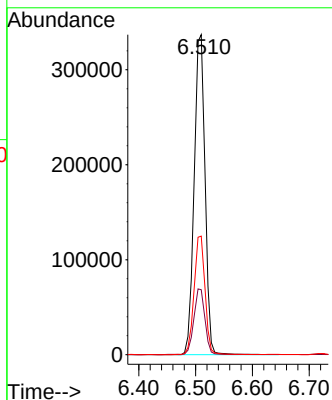
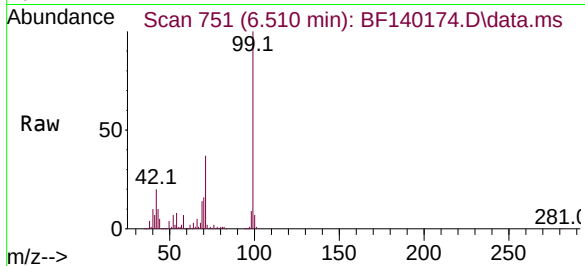




#7
Phenol-d6
Concen: 64.030 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

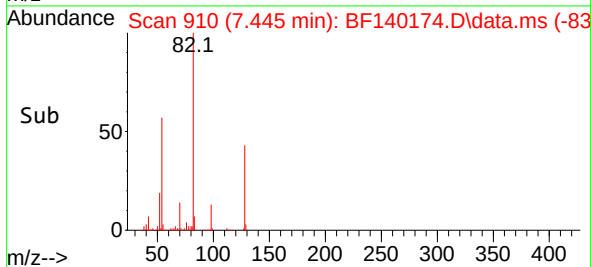
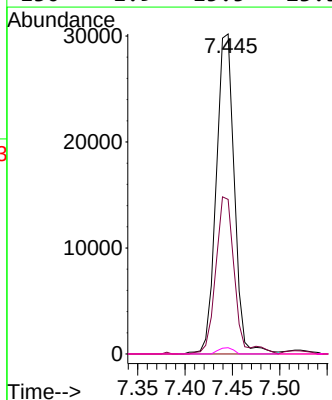
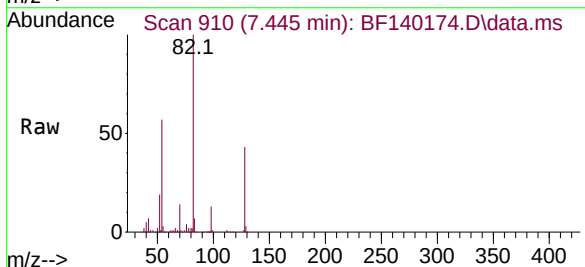
Instrument :
BNA_F
ClientSampleId :
TP-8

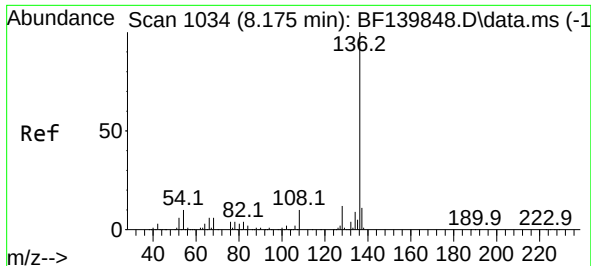
Tgt Ion: 99 Resp: 451322
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 37.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.410 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Tgt Ion: 70 Resp: 40229
Ion Ratio Lower Upper
70 100
42 48.3 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



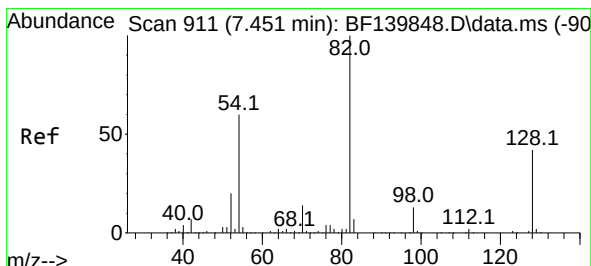
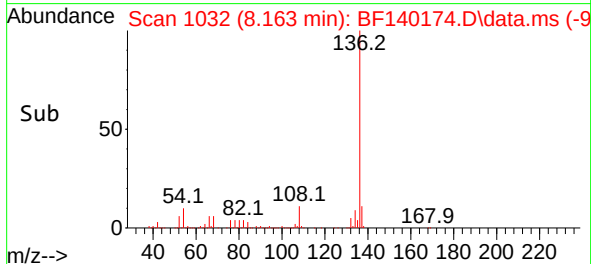
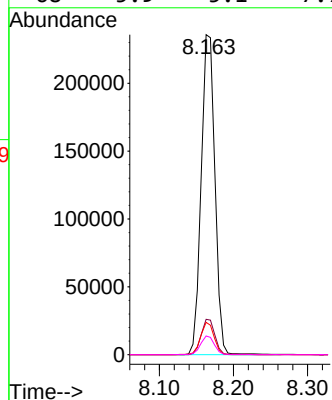
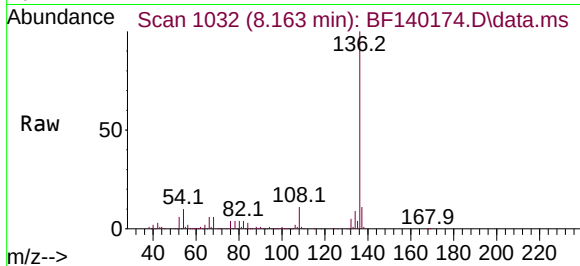


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:136 Resp: 303707

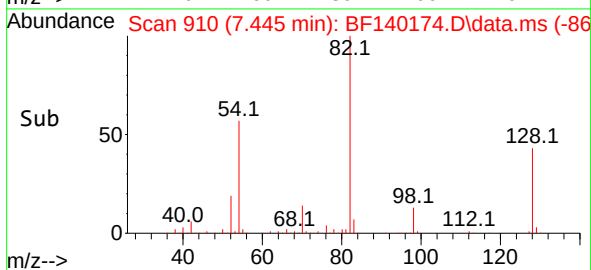
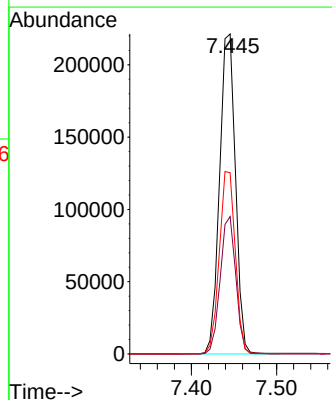
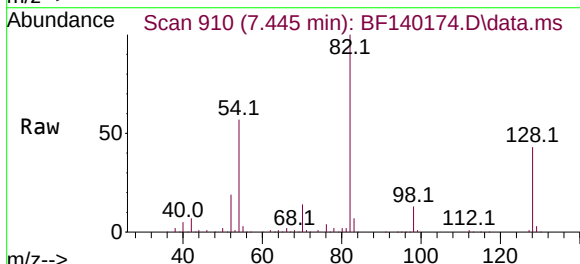
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.1	8.4	12.6
68	5.9	5.1	7.7

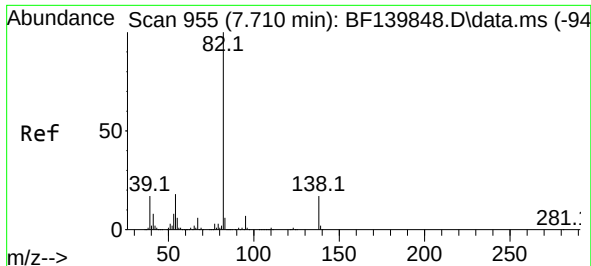


#23
Nitrobenzene-d5
Concen: 52.435 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Tgt Ion: 82 Resp: 287328

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	56.7	47.8	71.8

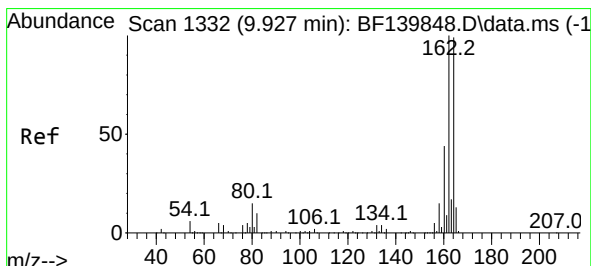
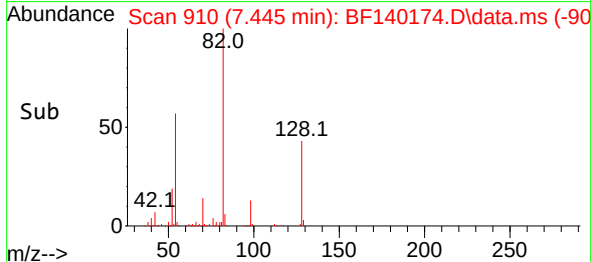
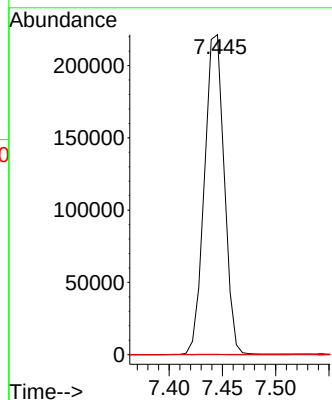
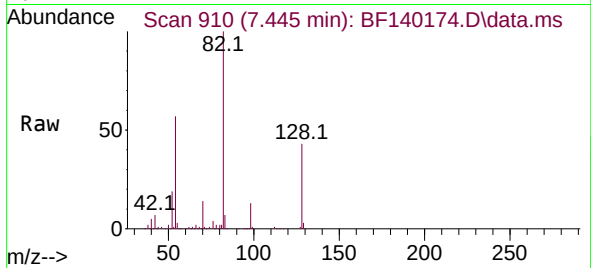




#25
Isophorone
Concen: 27.492 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

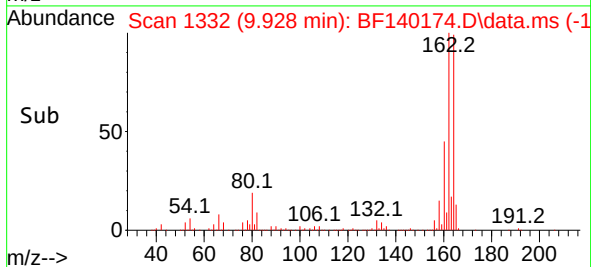
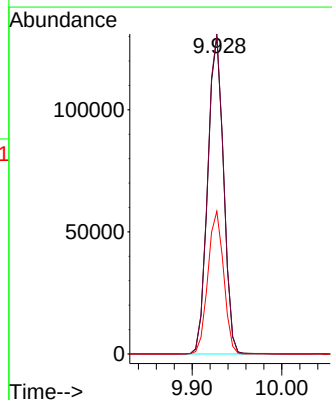
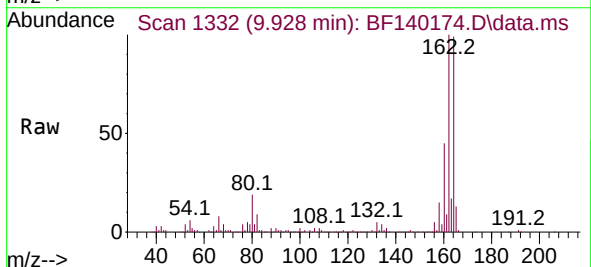
Instrument :
BNA_F
ClientSampleId :
TP-8

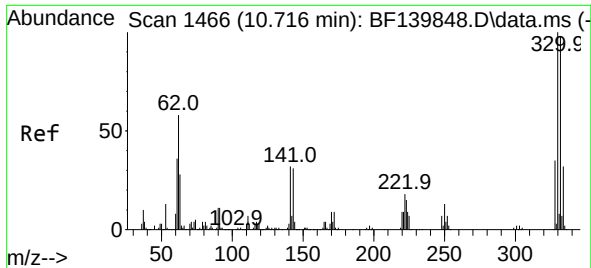
Tgt Ion: 82 Resp: 285931
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Tgt Ion:164 Resp: 158983
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 45.0 35.4 53.0

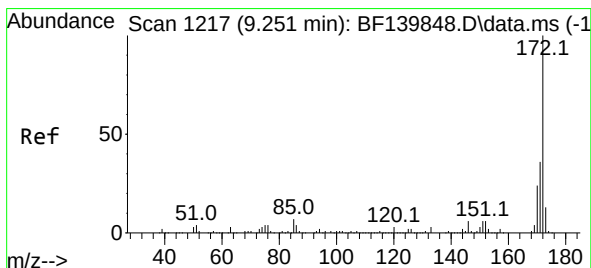
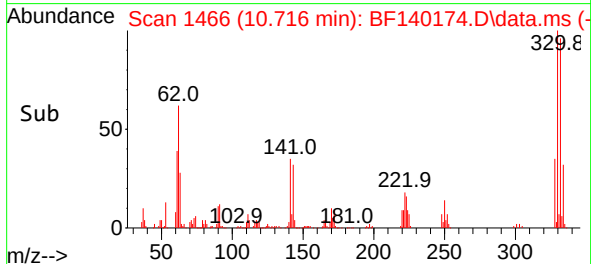
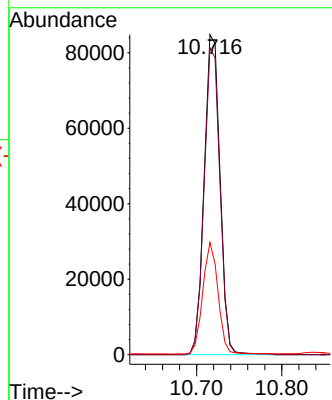
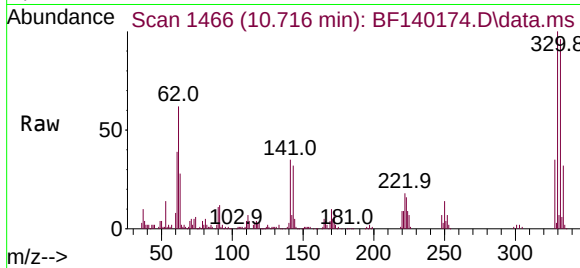




#42
2,4,6-Tribromophenol
Concen: 73.897 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

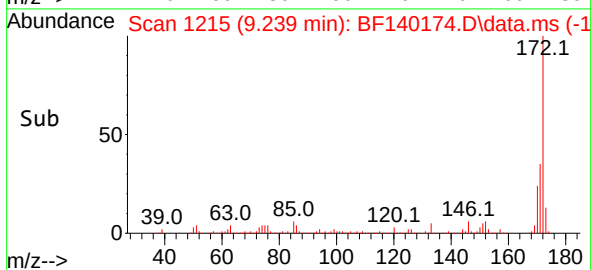
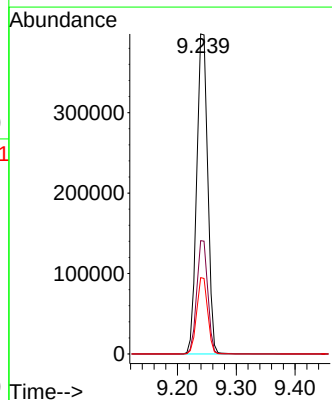
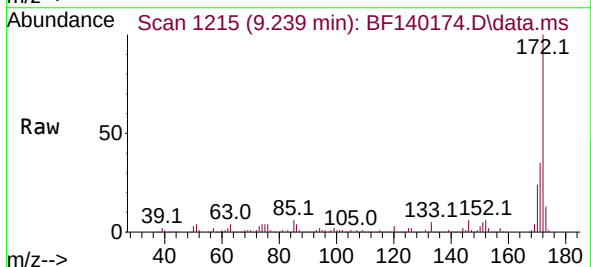
Instrument :
BNA_F
ClientSampleId :
TP-8

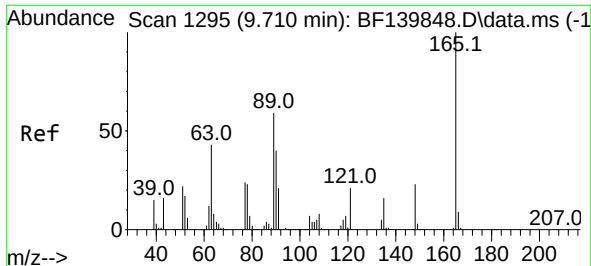
Tgt Ion:330 Resp: 109891
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 33.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 54.020 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Tgt Ion:172 Resp: 519654
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 19.1 28.7

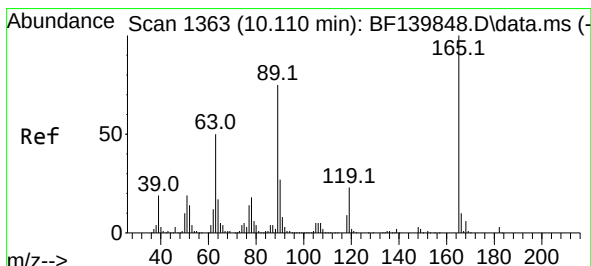
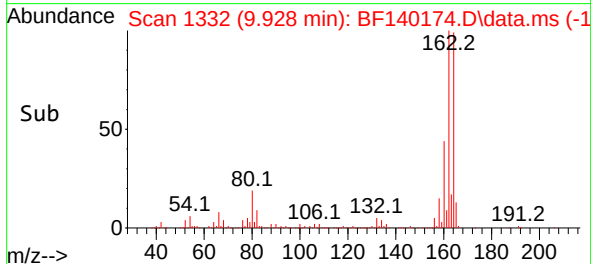
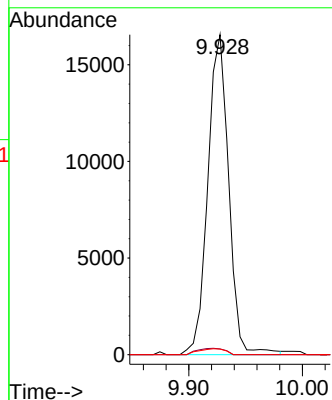
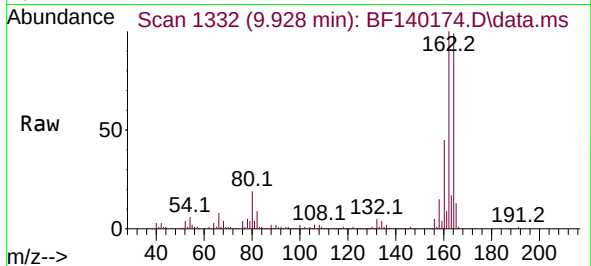




#51
2,6-Dinitrotoluene
Concen: 9.860 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

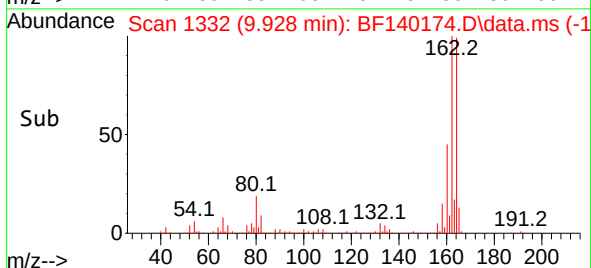
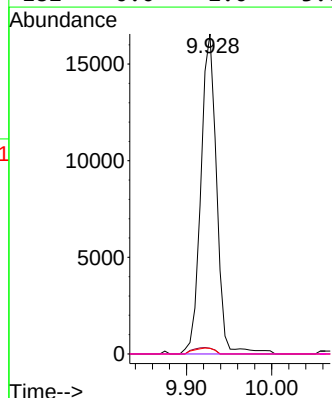
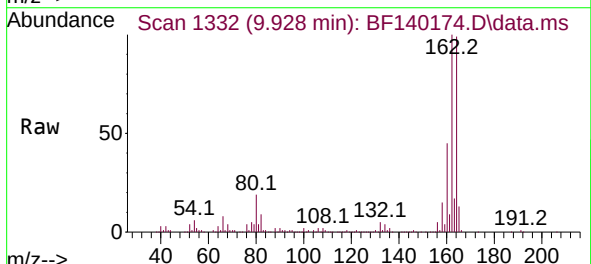
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ClientSampleId :
TP-8

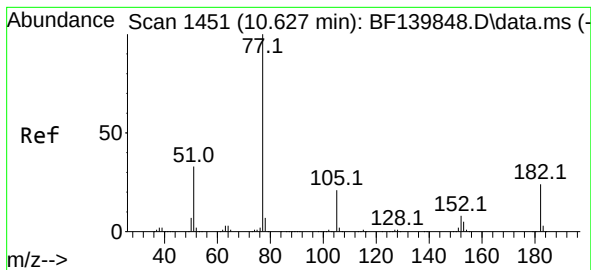
Tgt Ion:165 Resp: 21141
Ion Ratio Lower Upper
165 100
63 1.8 50.6 75.8#
89 1.7 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 8.087 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Tgt Ion:165 Resp: 21323
Ion Ratio Lower Upper
165 100
63 1.8 40.1 60.1#
89 1.7 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 5.363 ng

RT: 10.639 min Scan# 1453

Delta R.T. 0.012 min

Lab File: BF140174.D

Acq: 30 Oct 2024 22:37

Instrument :

BNA_F

ClientSampleId :

TP-8

Tgt Ion: 77 Resp: 55282

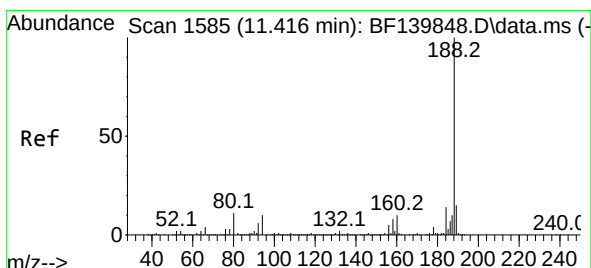
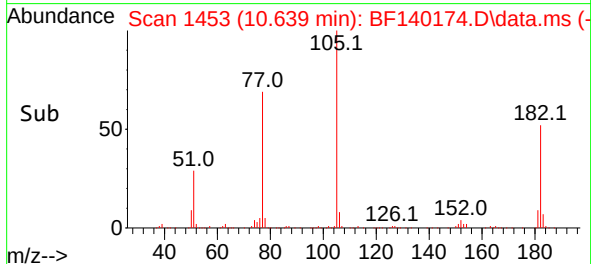
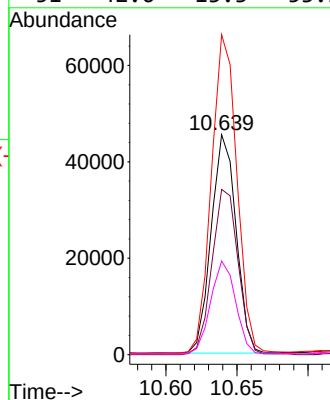
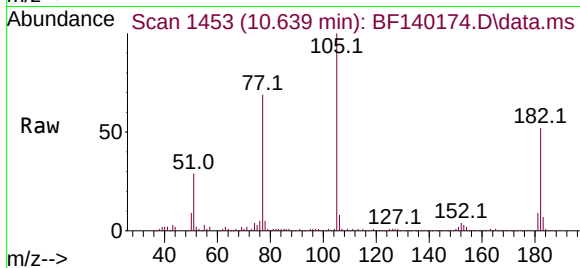
Ion Ratio Lower Upper

77 100

182 75.2 3.3 43.3#

105 145.5 1.2 41.2#

51 42.6 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF140174.D

Acq: 30 Oct 2024 22:37

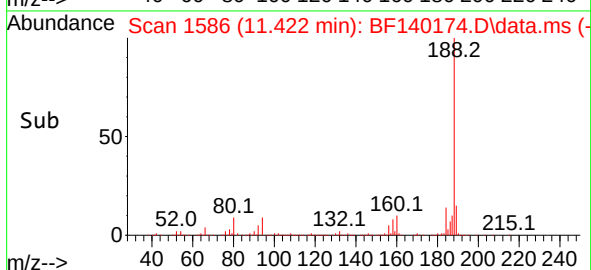
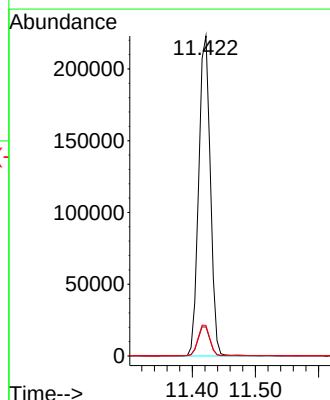
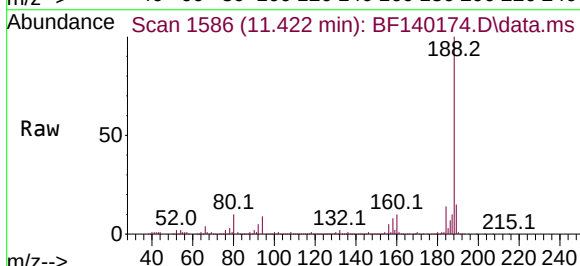
Tgt Ion:188 Resp: 284535

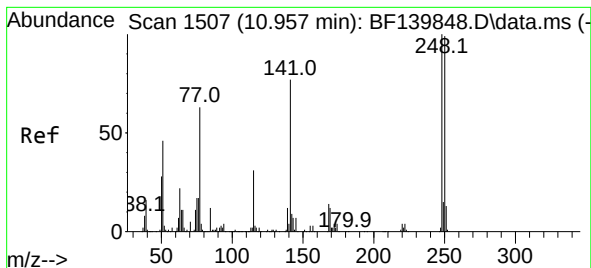
Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

80 9.6 9.0 13.4

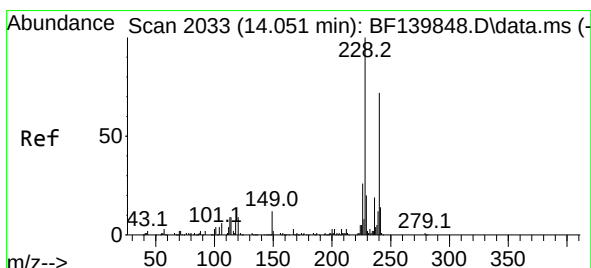
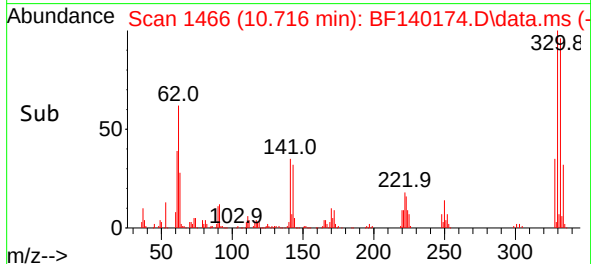
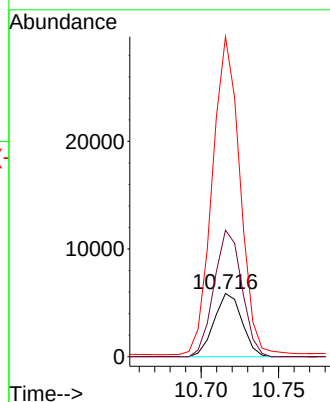
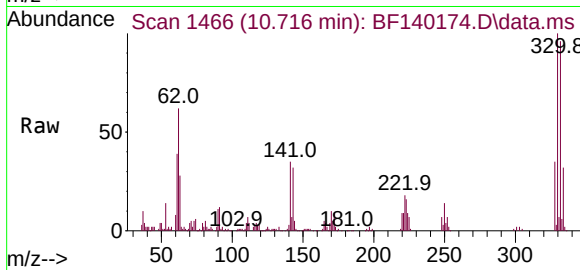




#67
4-Bromophenyl-phenylether
Concen: 2.511 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

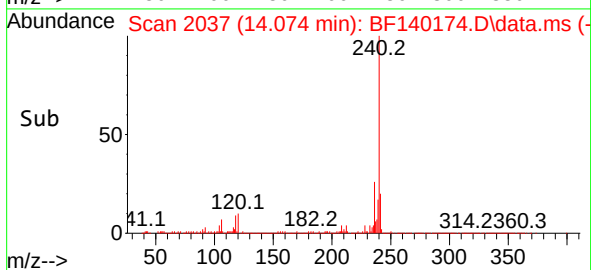
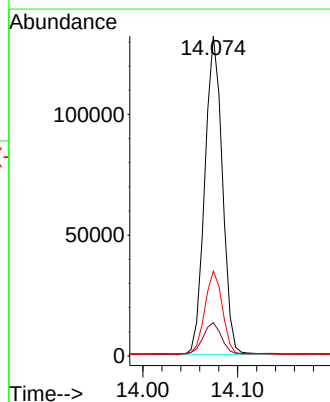
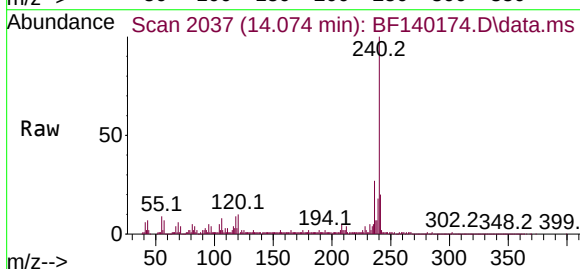
Instrument :
BNA_F
ClientSampleId :
TP-8

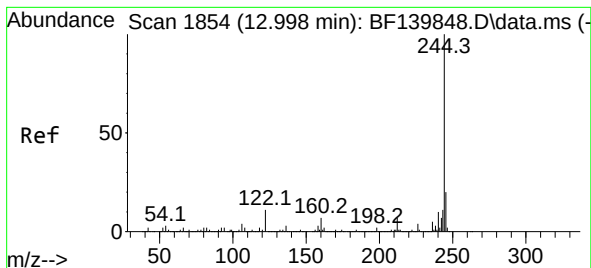
Tgt Ion:248 Resp: 7361
Ion Ratio Lower Upper
248 100
250 200.1 79.0 118.6#
141 505.8 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Tgt Ion:240 Resp: 169088
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 53.586 ng

RT: 13.016 min Scan# 1857

Delta R.T. 0.018 min

Lab File: BF140174.D

Acq: 30 Oct 2024 22:37

Instrument :

BNA_F

ClientSampleId :

TP-8

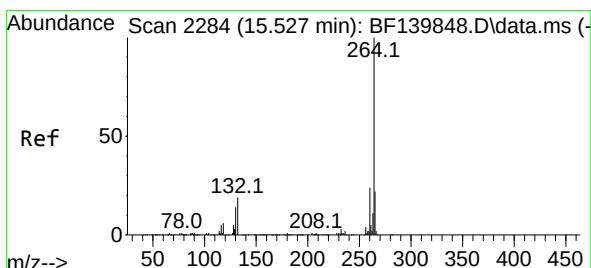
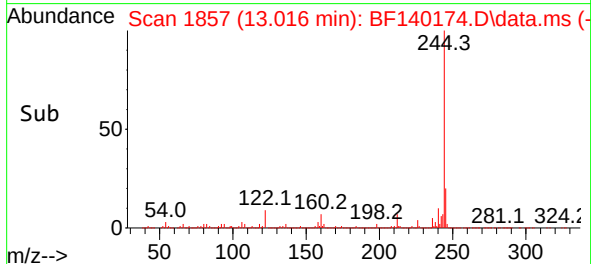
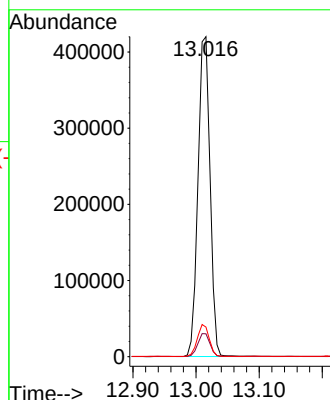
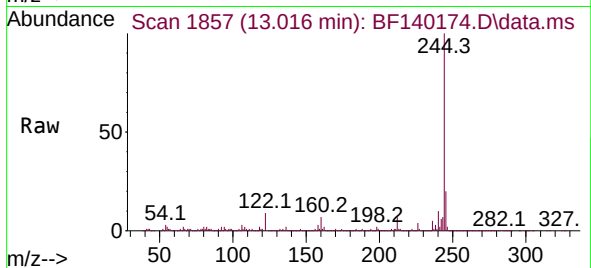
Tgt Ion:244 Resp: 556049

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 9.2 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2294

Delta R.T. 0.059 min

Lab File: BF140174.D

Acq: 30 Oct 2024 22:37

Tgt Ion:264 Resp: 128543

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.9 17.4 26.0

