

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140056.D
 Acq On : 26 Oct 2024 13:30
 Operator : RC/JU
 Sample : P4547-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-20

Quant Time: Oct 28 01:06:49 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)

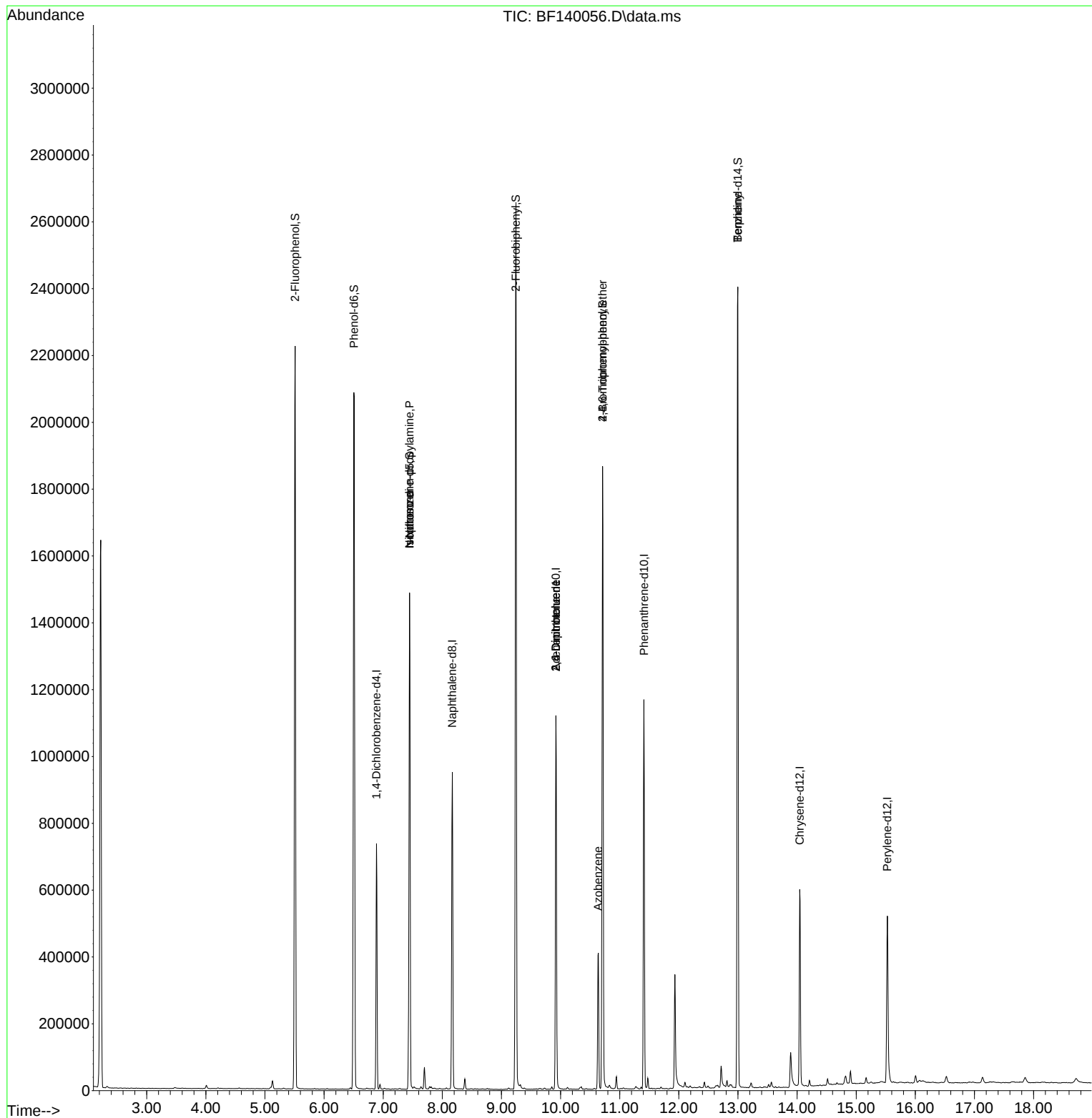
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	147112	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	584008	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	342667	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	606568	20.000	ng	0.00
76) Chrysene-d12	14.045	240	287964	20.000	ng	0.00
86) Perylene-d12	15.527	264	309365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	847521	90.189	ng	0.01
7) Phenol-d6	6.504	99	1080319	88.763	ng	0.00
23) Nitrobenzene-d5	7.445	82	682996	64.818	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	342332	106.805	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1243957	59.997	ng	0.00
79) Terphenyl-d14	12.998	244	1249504	70.705	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	92439	12.523	ng	# 76
25) Isophorone	7.445	82	678327	33.917	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	43751	9.467	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	43752	7.699	ng	# 21
63) Azobenzene	10.633	77	109523	4.930	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	22229	3.557	ng	# 1
77) Benzidine	12.998	184	15581	3.291	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140056.D
Acq On : 26 Oct 2024 13:30
Operator : RC/JU
Sample : P4547-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-20

Quant Time: Oct 28 01:06:49 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

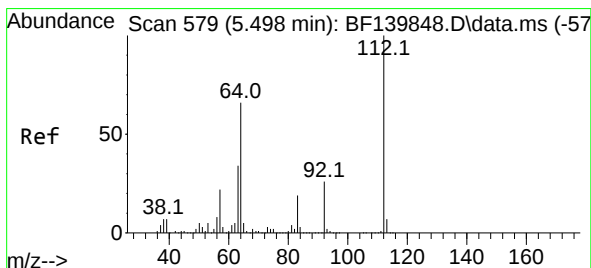
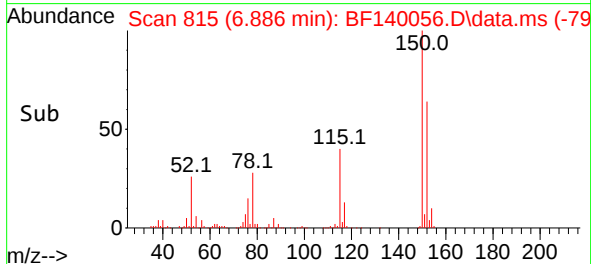
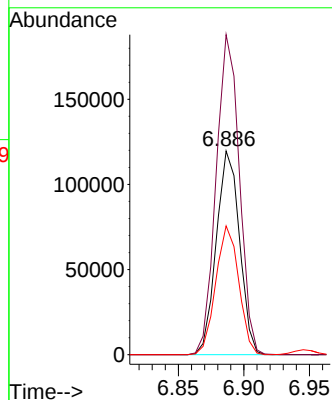
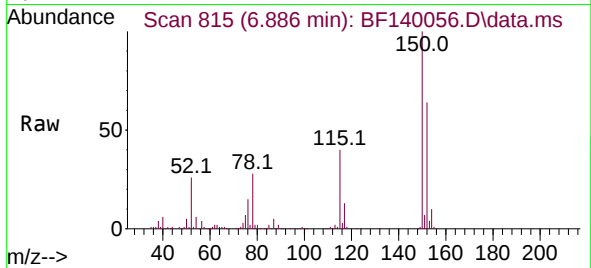




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

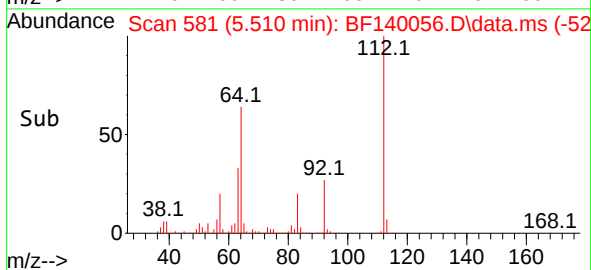
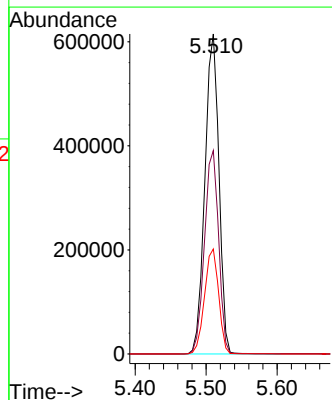
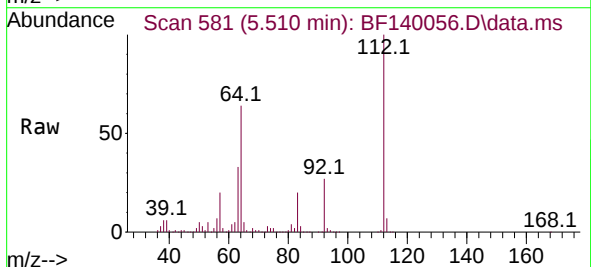
Instrument :
BNA_F
ClientSampleId :
BP-F-20

Tgt Ion:152 Resp: 147112
Ion Ratio Lower Upper
152 100
150 157.1 130.2 195.2
115 63.3 51.4 77.2



#5
2-Fluorophenol
Concen: 90.189 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

Tgt Ion:112 Resp: 847521
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 32.8 27.0 40.4

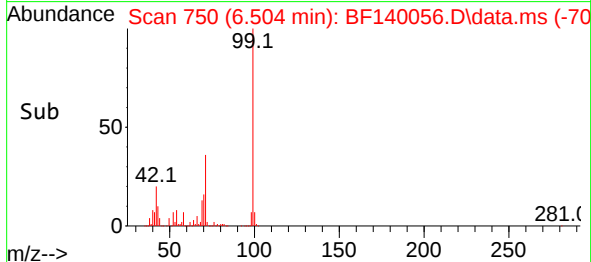
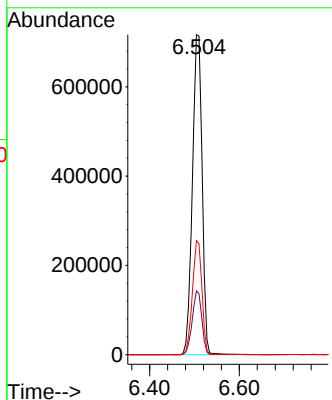
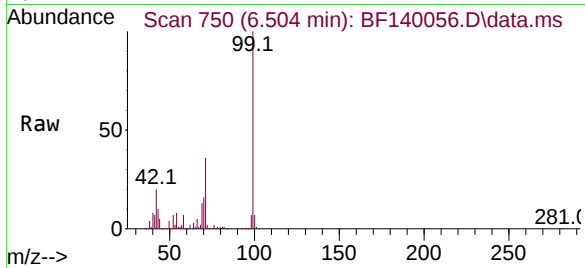




#7
Phenol-d6
Concen: 88.763 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

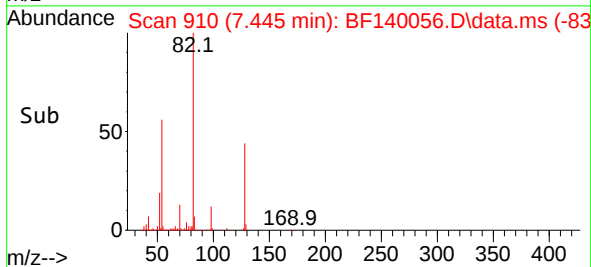
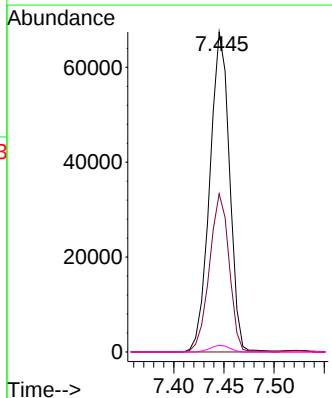
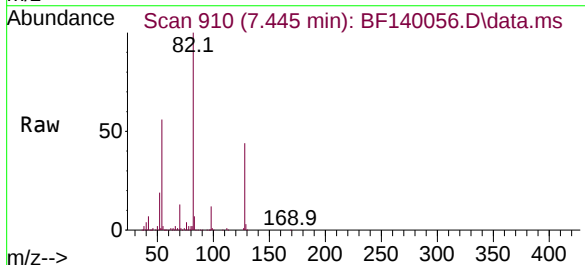
Instrument :
BNA_F
ClientSampleId :
BP-F-20

Tgt Ion: 99 Resp: 1080319
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 35.6 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.523 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

Tgt Ion: 70 Resp: 92439
Ion Ratio Lower Upper
70 100
42 49.4 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

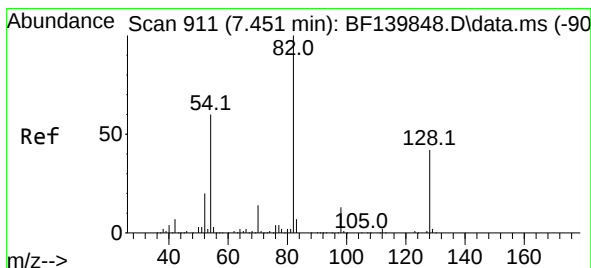
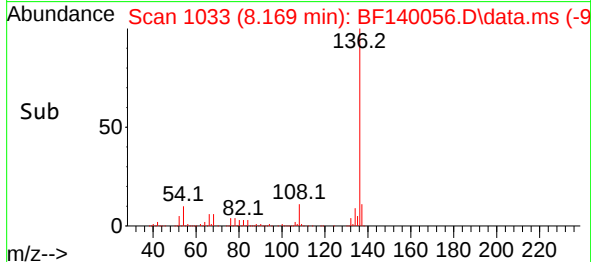
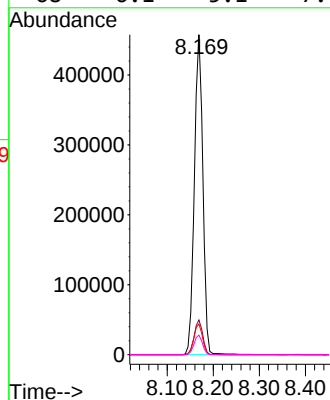
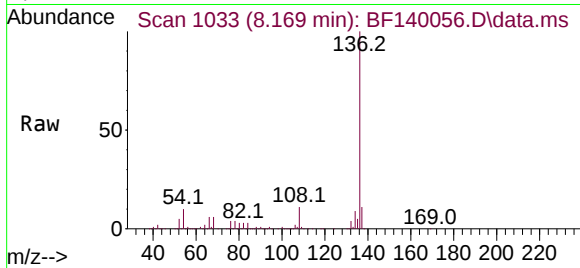




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

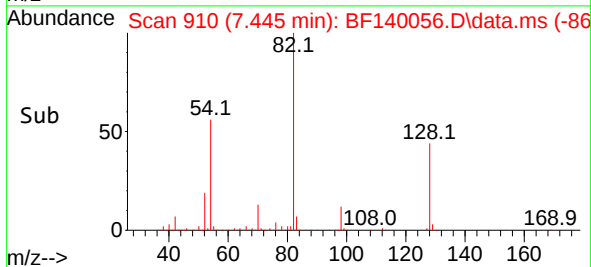
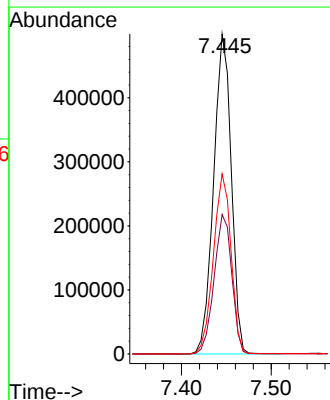
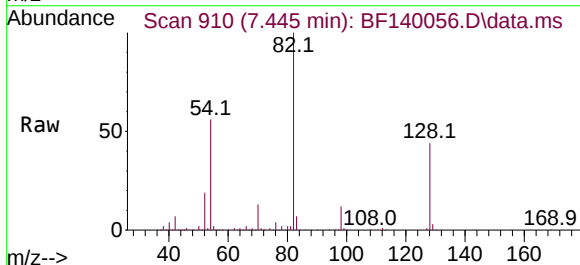
Instrument :
BNA_F
ClientSampleId :
BP-F-20

Tgt Ion:136 Resp: 584008
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 8.4 12.6
68 6.1 5.1 7.7



#23
Nitrobenzene-d5
Concen: 64.818 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

Tgt Ion: 82 Resp: 682996
Ion Ratio Lower Upper
82 100
128 43.6 33.4 50.0
54 56.3 47.8 71.8

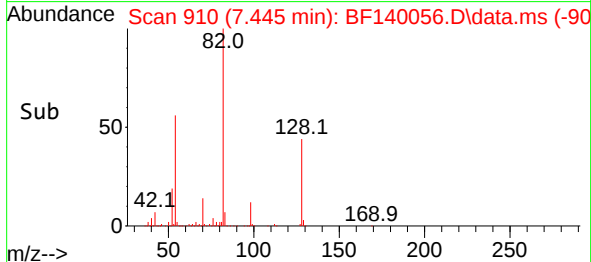
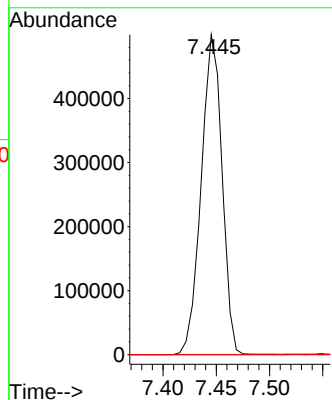
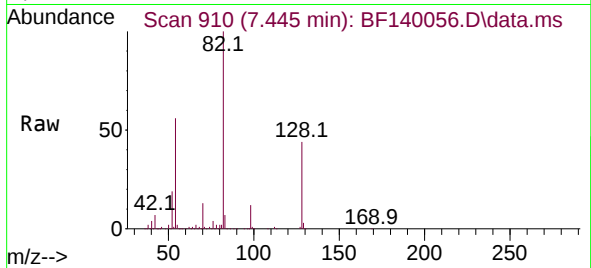




#25
Isophorone
Concen: 33.917 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

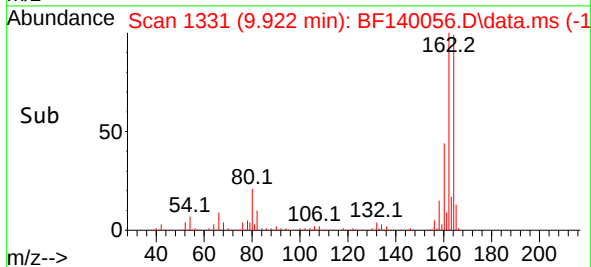
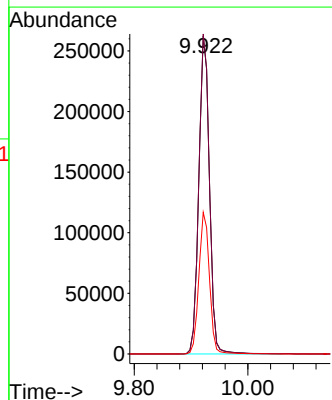
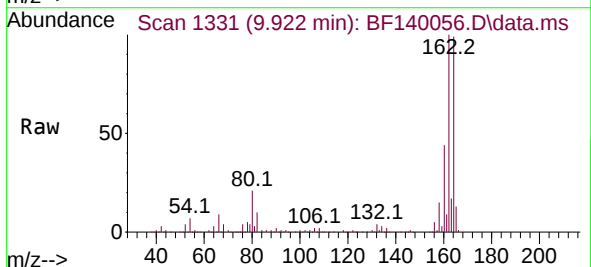
Instrument :
BNA_F
ClientSampleId :
BP-F-20

Tgt Ion: 82 Resp: 678327
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: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

Tgt Ion:164 Resp: 342667
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 106.805 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140056.D

Acq: 26 Oct 2024 13:30

Instrument :

BNA_F

ClientSampleId :

BP-F-20

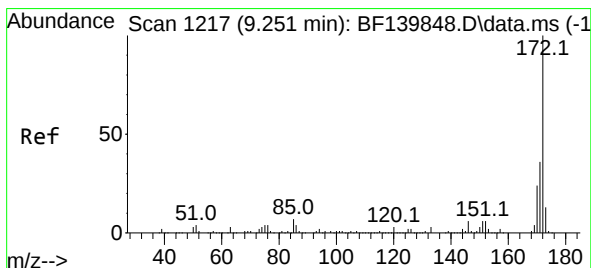
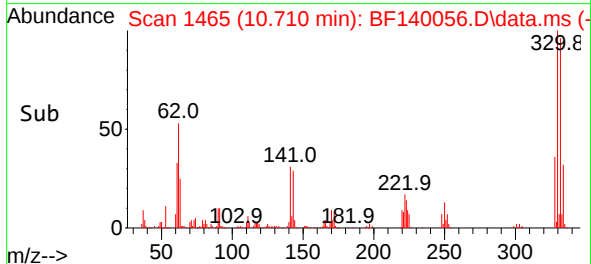
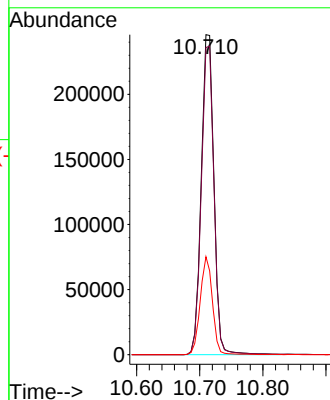
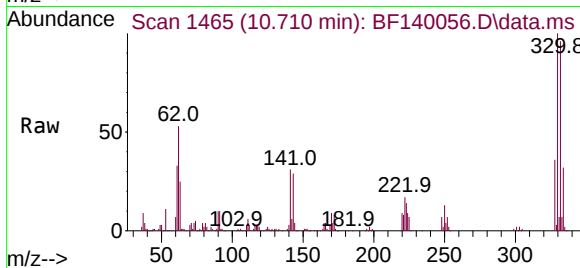
Tgt Ion:330 Resp: 342332

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 29.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 59.997 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140056.D

Acq: 26 Oct 2024 13:30

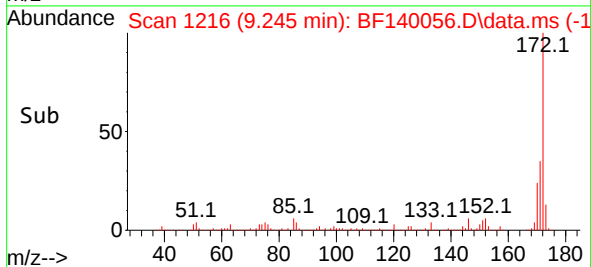
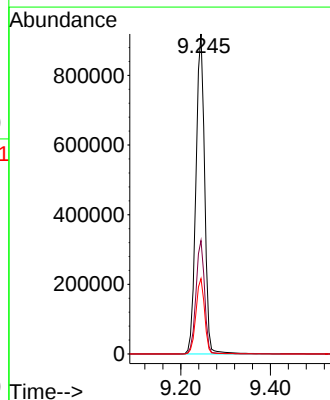
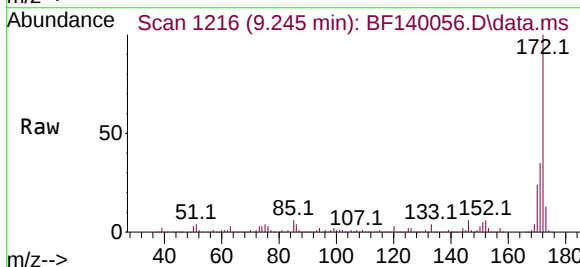
Tgt Ion:172 Resp: 1243957

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.6 19.1 28.7

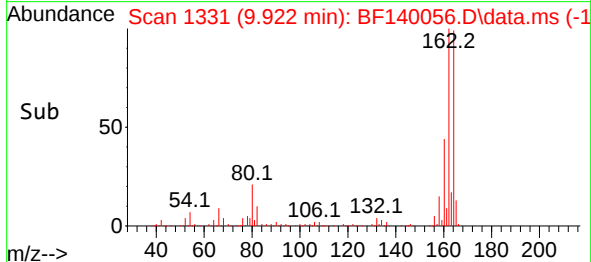
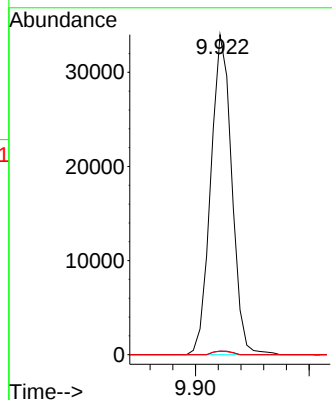
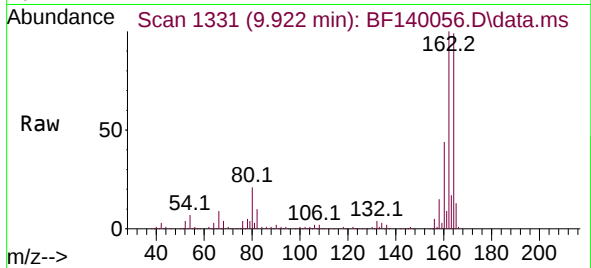




#51
2,6-Dinitrotoluene
Concen: 9.467 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

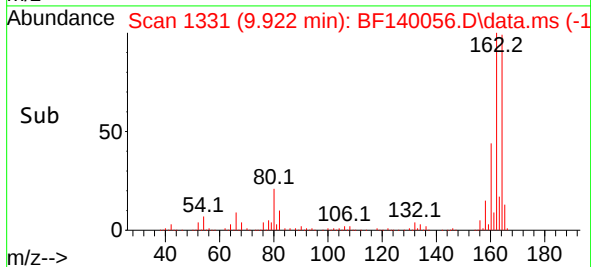
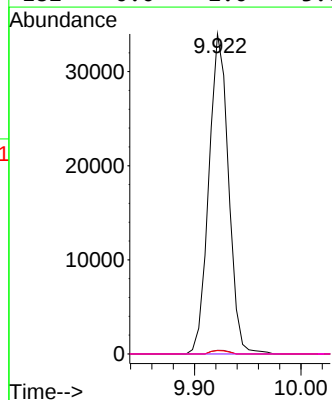
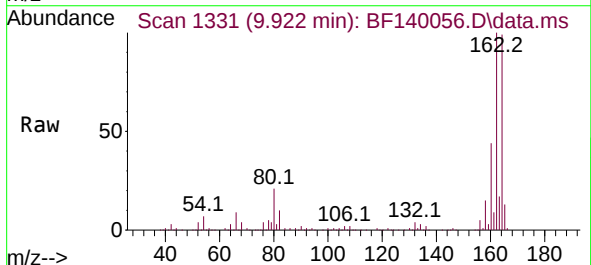
Instrument :
BNA_F
ClientSampleId :
BP-F-20

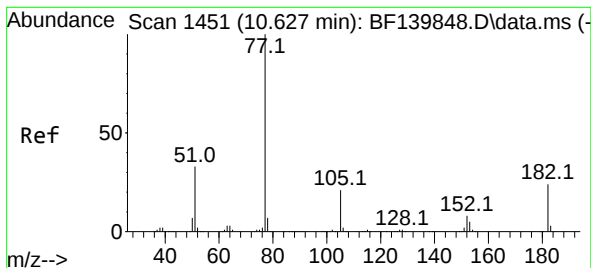
Tgt Ion:165 Resp: 43751
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.699 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

Tgt Ion:165 Resp: 43752
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 4.930 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF140056.D

Acq: 26 Oct 2024 13:30

Instrument :

BNA_F

ClientSampleId :

BP-F-20

Tgt Ion: 77 Resp: 109523

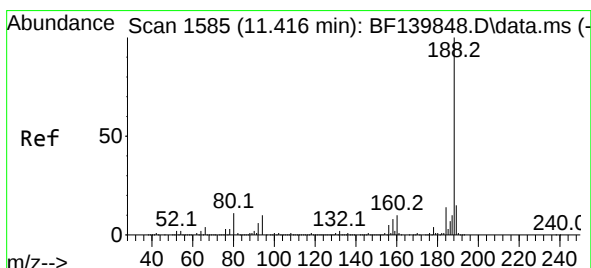
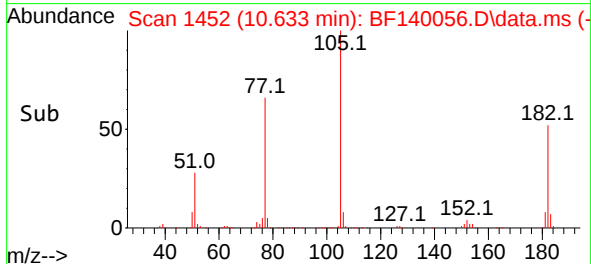
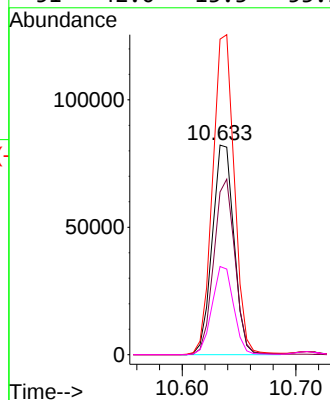
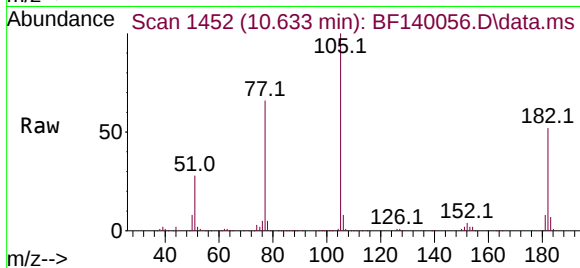
Ion Ratio Lower Upper

77 100

182 77.6 3.3 43.3#

105 150.5 1.2 41.2#

51 42.0 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140056.D

Acq: 26 Oct 2024 13:30

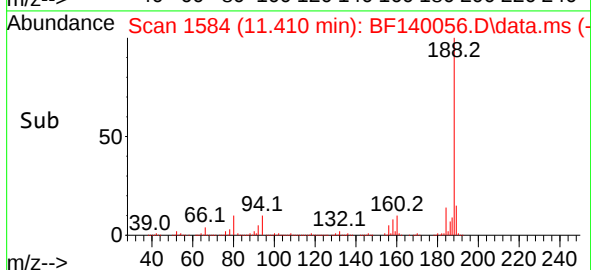
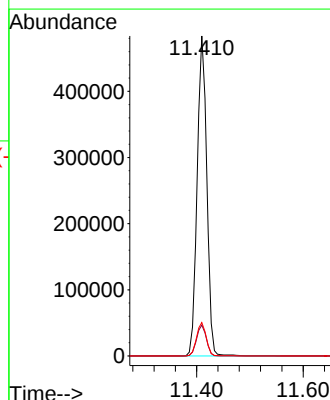
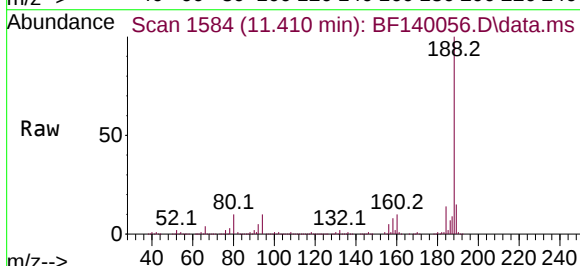
Tgt Ion:188 Resp: 606568

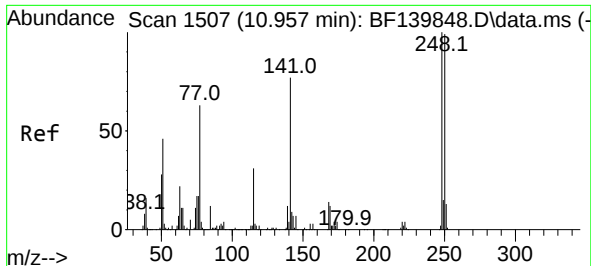
Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.4 9.0 13.4

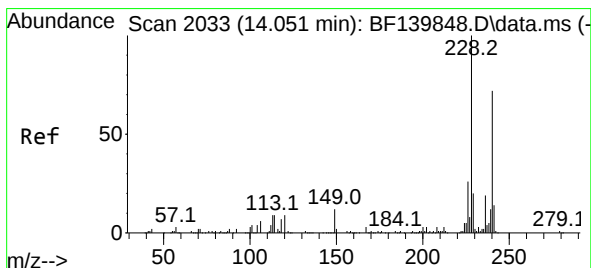
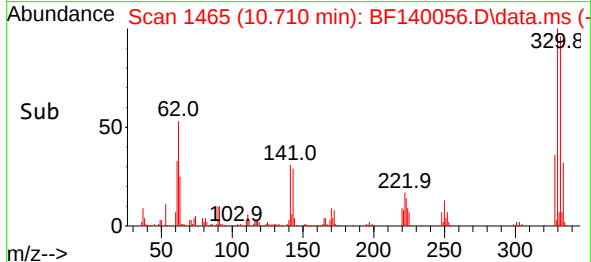
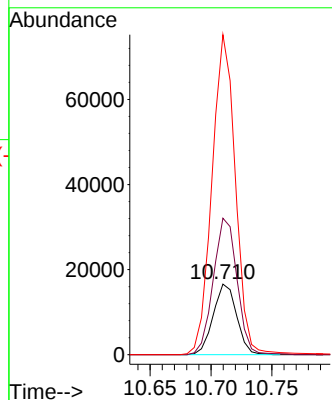
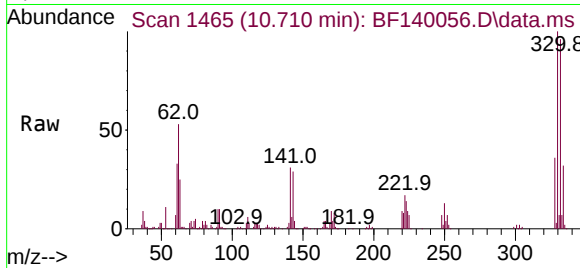




#67
4-Bromophenyl-phenylether
Concen: 3.557 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

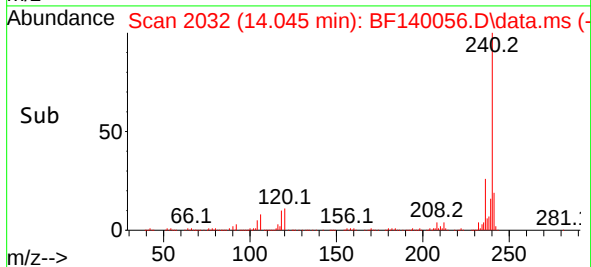
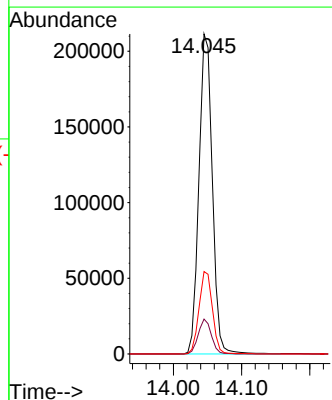
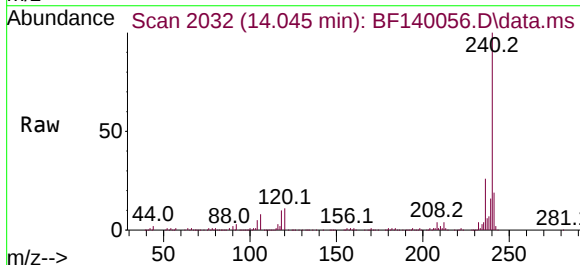
Instrument :
BNA_F
ClientSampleId :
BP-F-20

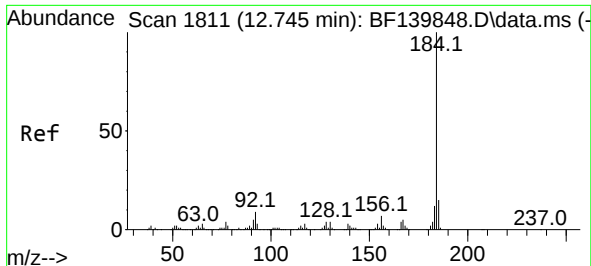
Tgt Ion:248 Resp: 22229
Ion Ratio Lower Upper
248 100
250 193.3 79.0 118.6#
141 453.2 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

Tgt Ion:240 Resp: 287964
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.7 20.9 31.3

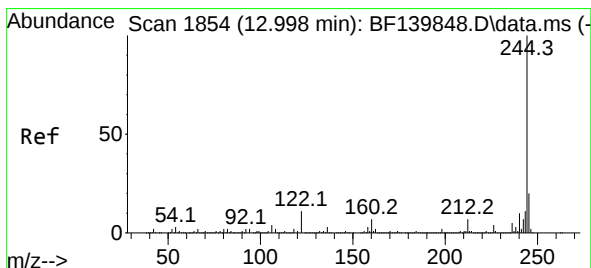
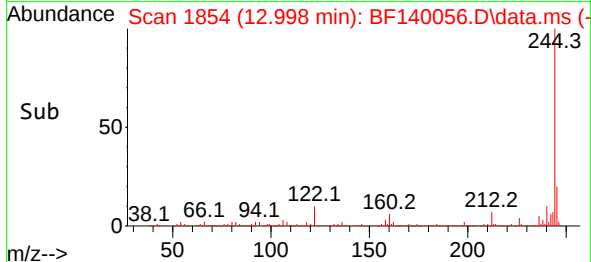
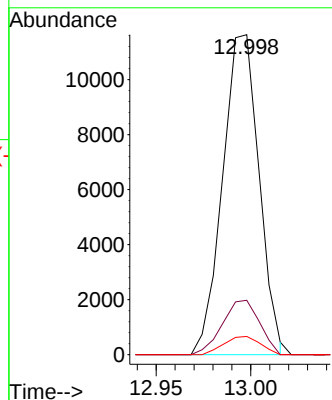
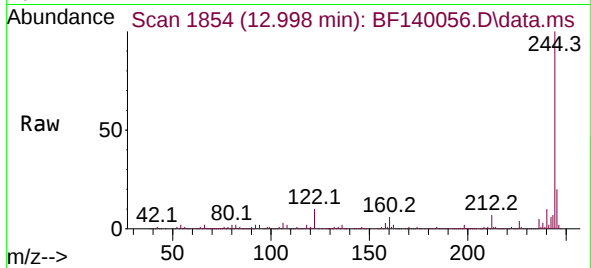




#77
Benzidine
Concen: 3.291 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

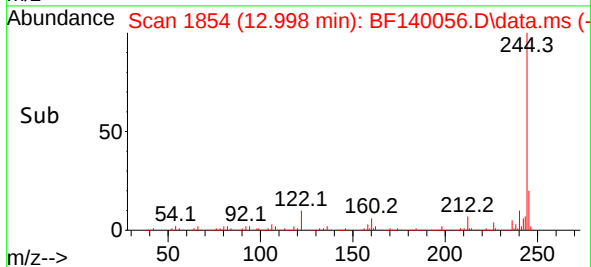
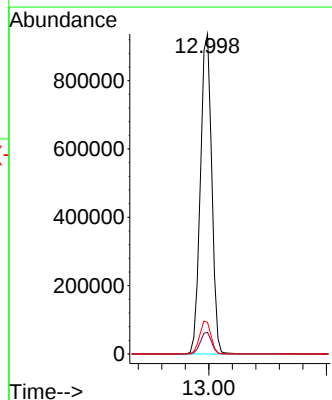
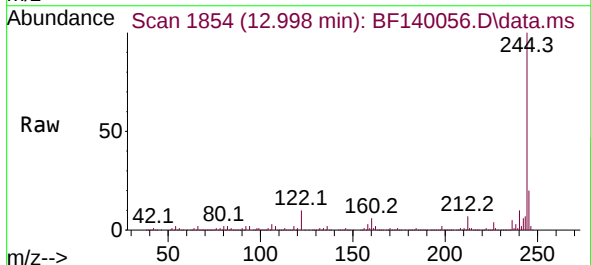
Instrument :
BNA_F
ClientSampleId :
BP-F-20

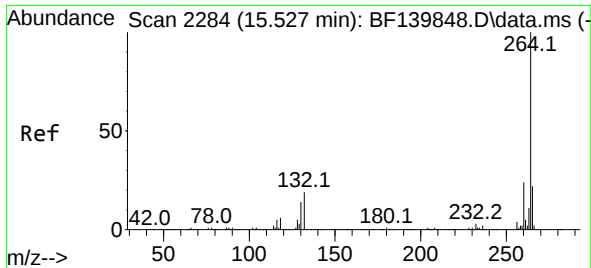
Tgt Ion:184 Resp: 15581
Ion Ratio Lower Upper
184 100
185 17.0 12.0 18.0
183 5.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 70.705 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

Tgt Ion:244 Resp: 1249504
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.8 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140056.D
 Acq: 26 Oct 2024 13:30

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-20

Tgt Ion:264	Resp:	309365
Ion	Ratio	Lower Upper
264	100	
260	23.9	19.4 29.2
265	21.8	17.4 26.0

