

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139200.D
 Acq On : 28 Aug 2024 10:37
 Operator : RC/JU
 Sample : PB162991TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162991TB

Quant Time: Aug 28 11:24:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

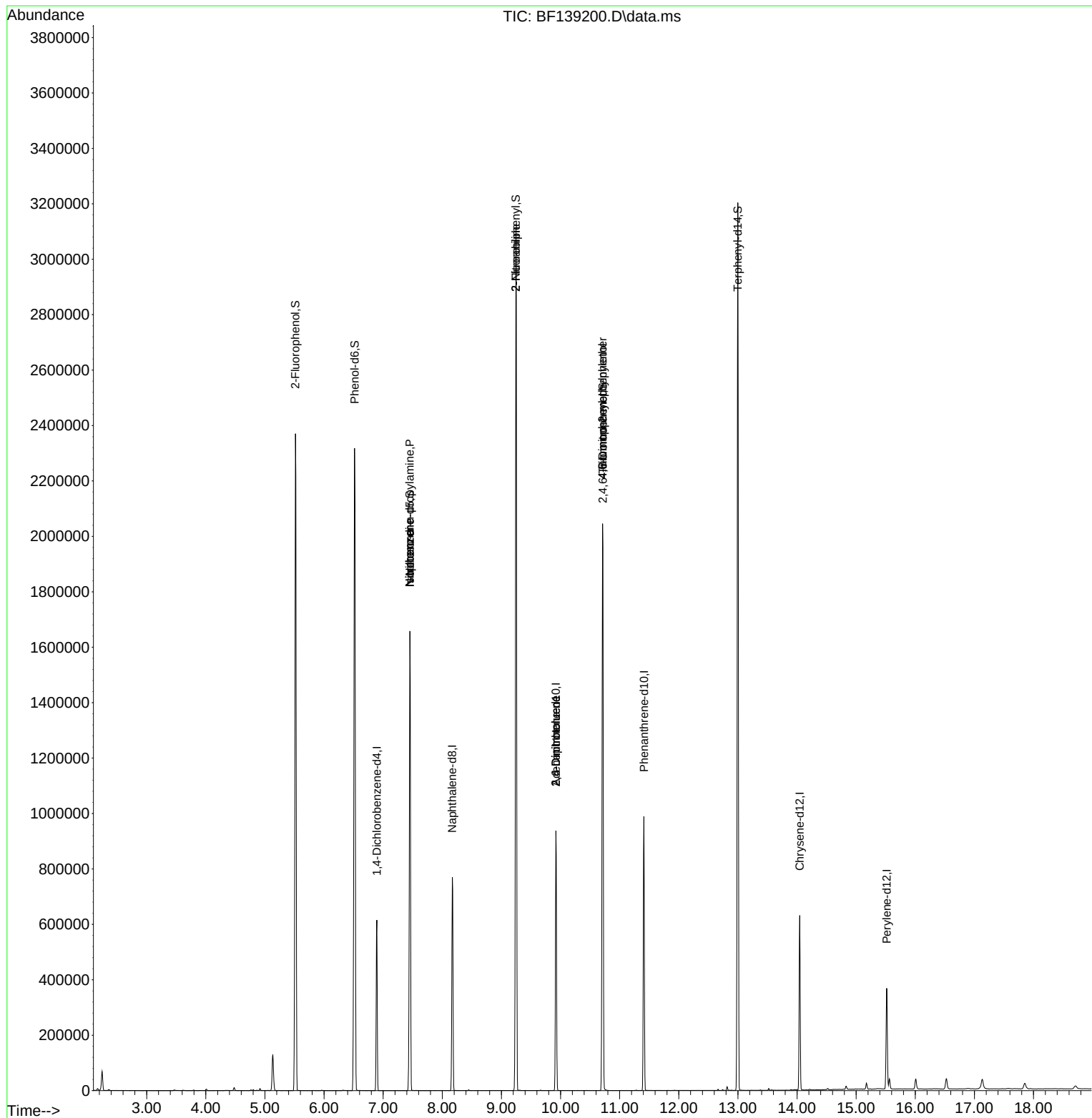
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	121107	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	464556	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	277722	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	496912	20.000	ng	0.00
76) Chrysene-d12	14.045	240	293090	20.000	ng	0.00
86) Perylene-d12	15.515	264	211523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	895234	124.214	ng	0.01
7) Phenol-d6	6.516	99	1167322	118.016	ng	0.00
23) Nitrobenzene-d5	7.451	82	798498	95.224	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	351923	147.957	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1379686	77.169	ng	0.00
79) Terphenyl-d14	12.998	244	1592787	84.795	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	109581	18.523	ng	# 79
24) Nitrobenzene	7.451	77	2522	3.496	ng	# 42
25) Isophorone	7.451	82	796562	48.036	ng	# 68
48) 2-Nitroaniline	9.245	65	2826	6.305	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	35524	14.421	ng	# 15
57) 2,4-Dinitrotoluene	9.922	165	35524	13.078	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	798	7.333	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	23557	4.462	ng	# 1

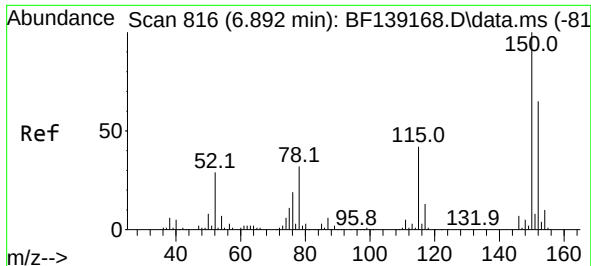
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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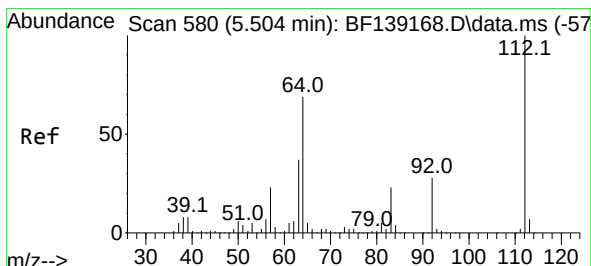
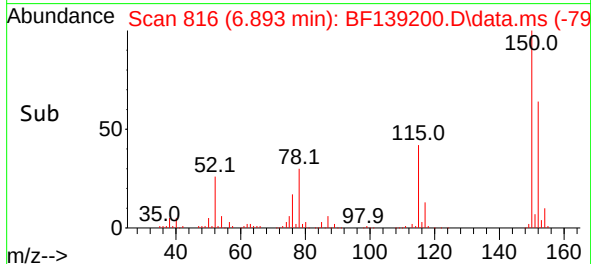
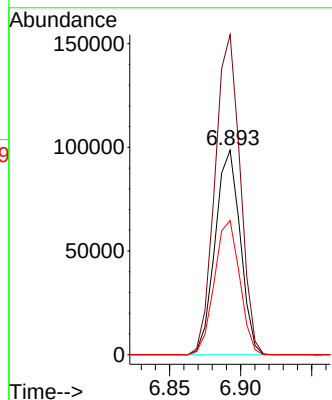
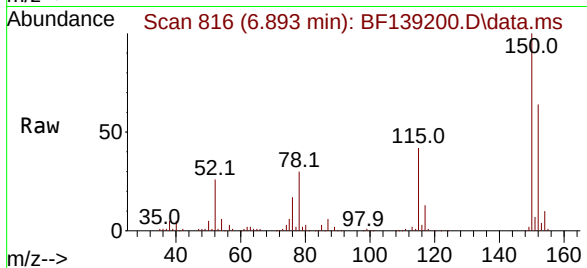




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

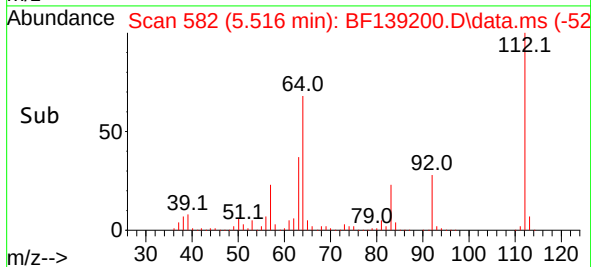
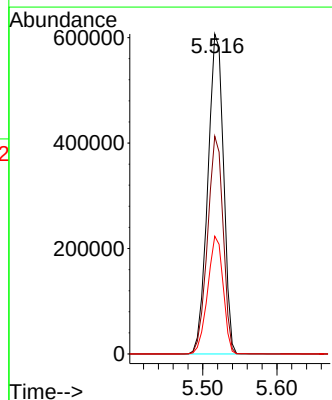
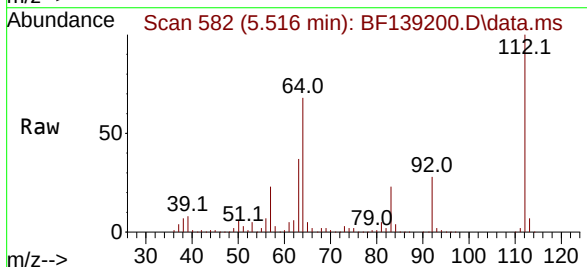
Instrument :
BNA_F
ClientSampleId :
PB162991TB

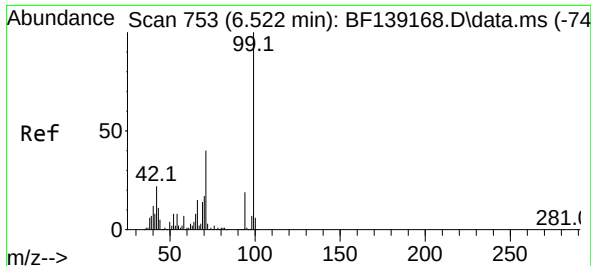
Tgt Ion:152 Resp: 121107
Ion Ratio Lower Upper
152 100
150 156.5 123.7 185.5
115 65.5 51.8 77.8



#5
2-Fluorophenol
Concen: 124.214 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

Tgt Ion:112 Resp: 895234
Ion Ratio Lower Upper
112 100
64 68.1 55.5 83.3
63 36.8 29.8 44.6



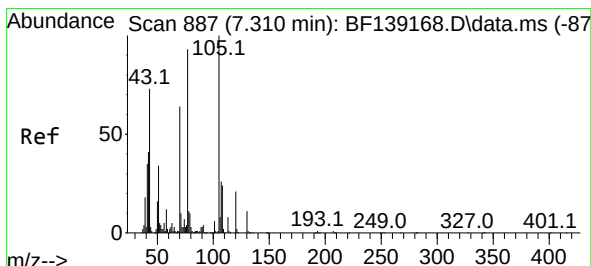
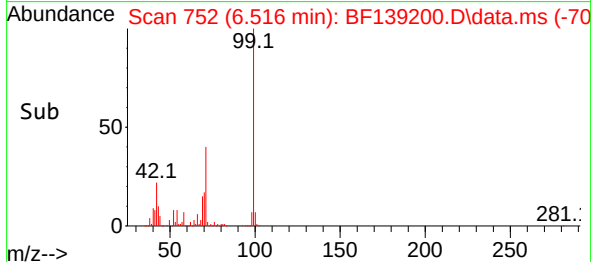
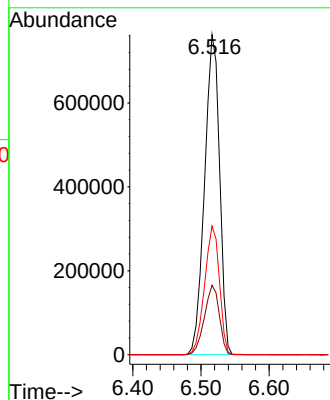
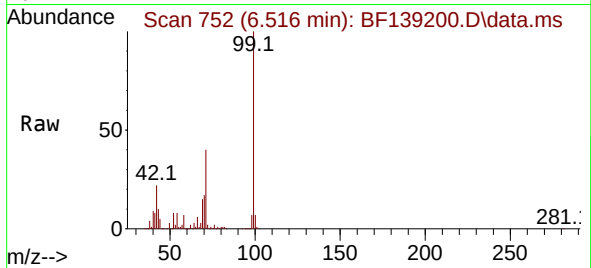


#7
Phenol-d6
Concen: 118.016 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

Instrument :
BNA_F
ClientSampleId :
PB162991TB

Tgt Ion: 99 Resp: 1167322

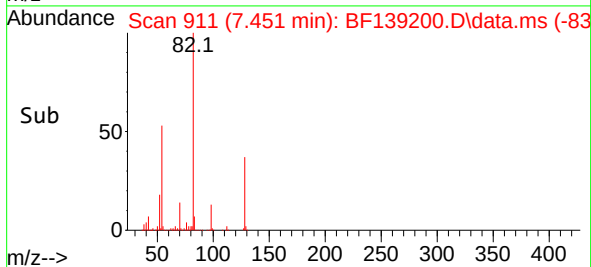
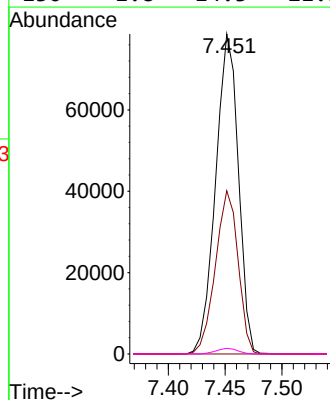
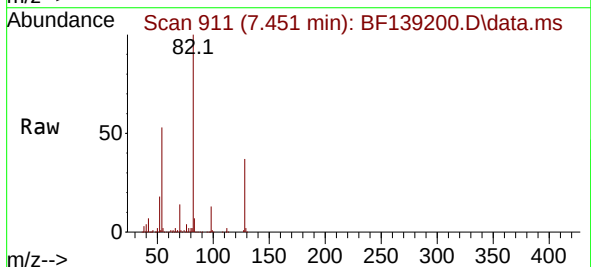
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.9	26.9
71	40.2	31.7	47.5

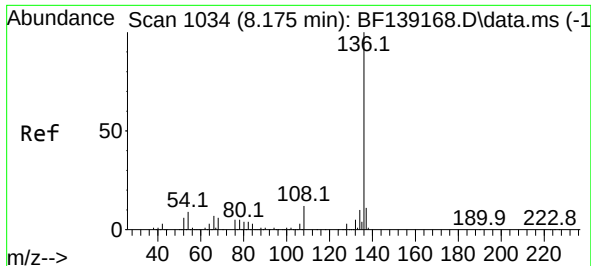


#19
n-Nitroso-di-n-propylamine
Concen: 18.523 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

Tgt Ion: 70 Resp: 109581

Ion	Ratio	Lower	Upper
70	100		
42	51.0	50.8	76.2
101	0.0	7.4	11.0#
130	1.8	14.3	21.5#

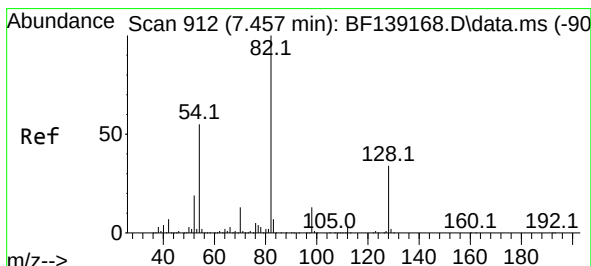
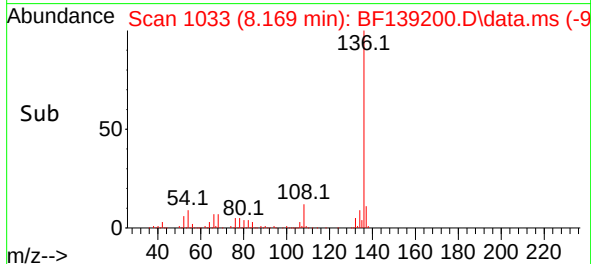
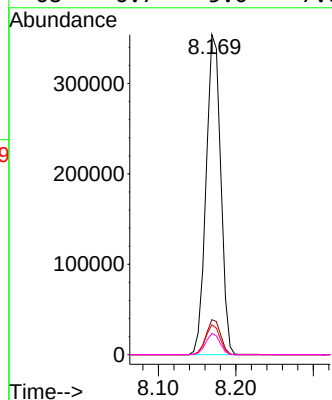
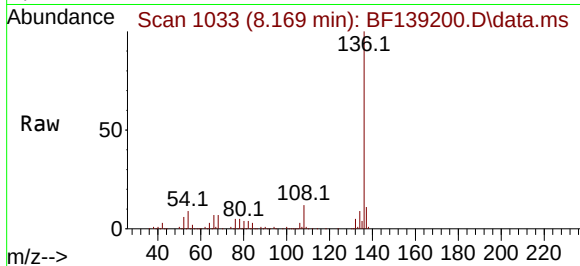




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

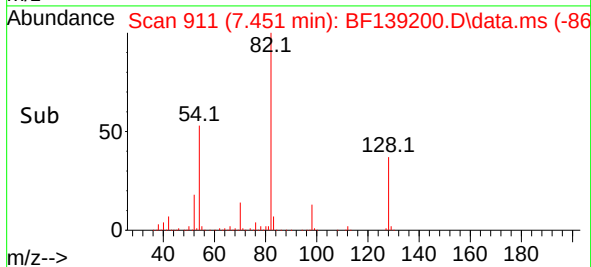
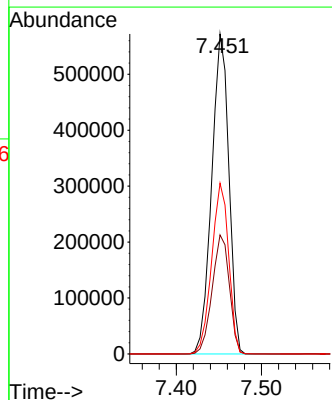
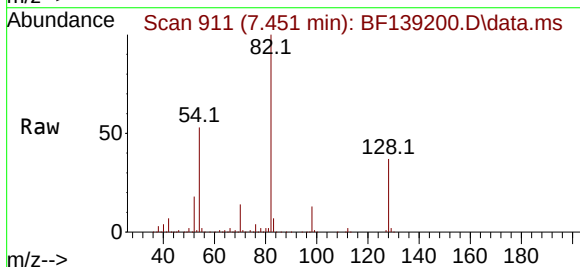
Instrument :
BNA_F
ClientSampleId :
PB162991TB

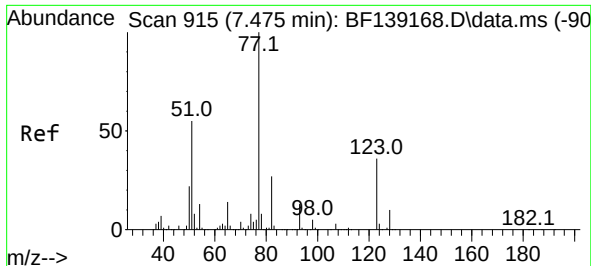
Tgt Ion:	136	Resp:	464556
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.3	7.6	11.4
68	6.7	5.0	7.6



#23
Nitrobenzene-d5
Concen: 95.224 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

Tgt Ion:	82	Resp:	798498
Ion	Ratio	Lower	Upper
82	100		
128	37.2	27.1	40.7
54	53.3	44.2	66.4





#24

Nitrobenzene

Concen: 3.496 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.024 min

Lab File: BF139200.D

Acq: 28 Aug 2024 10:37

Instrument :

BNA_F

ClientSampleId :

PB162991TB

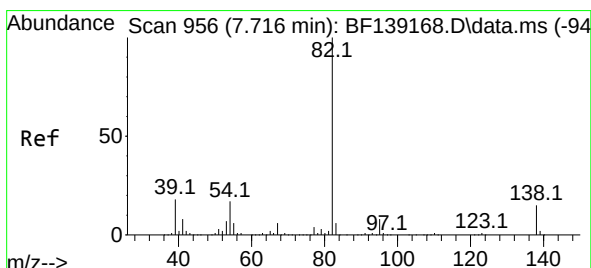
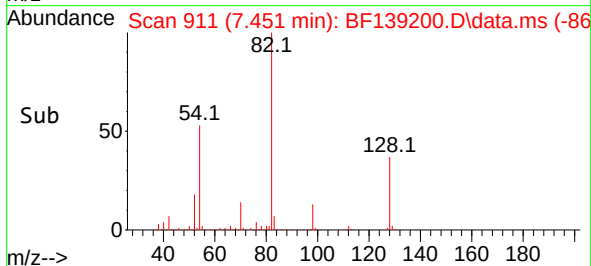
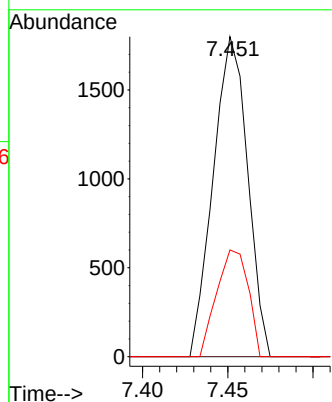
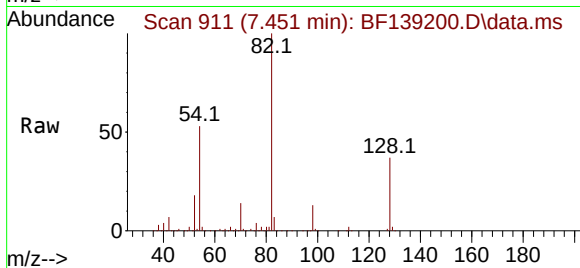
Tgt Ion: 77 Resp: 2522

Ion Ratio Lower Upper

77 100

123 0.0 28.7 43.1#

65 33.3 10.9 16.3#



#25

Isophorone

Concen: 48.036 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF139200.D

Acq: 28 Aug 2024 10:37

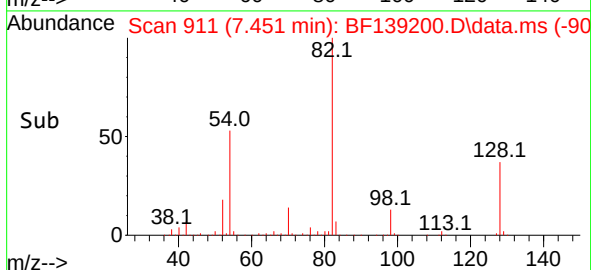
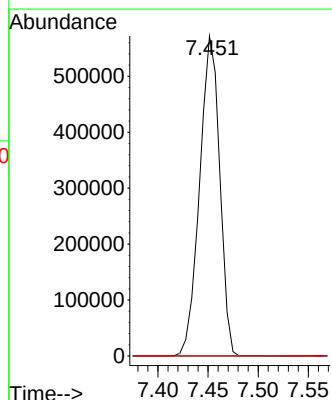
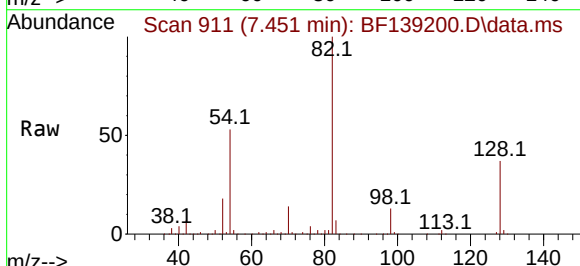
Tgt Ion: 82 Resp: 796562

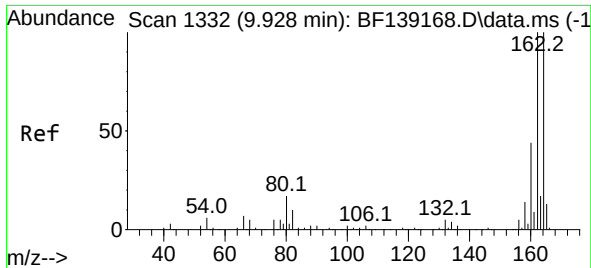
Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 12.2 18.4#

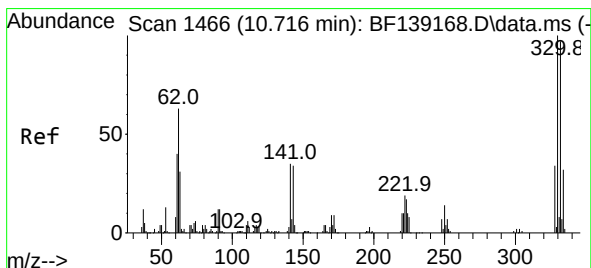
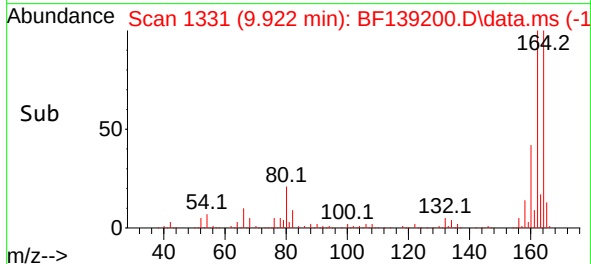
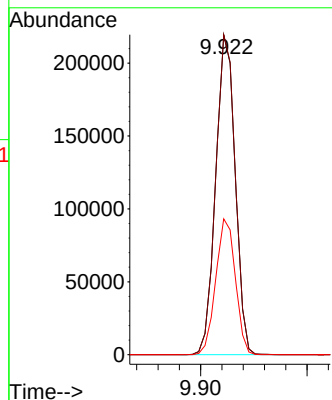
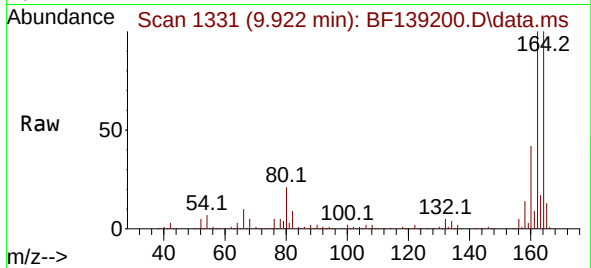




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

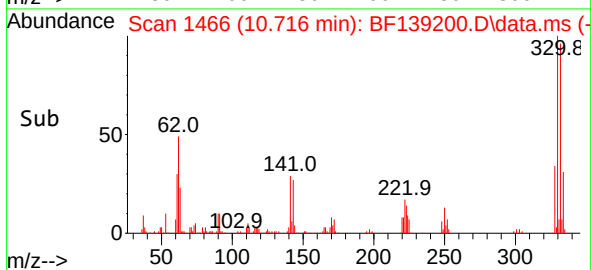
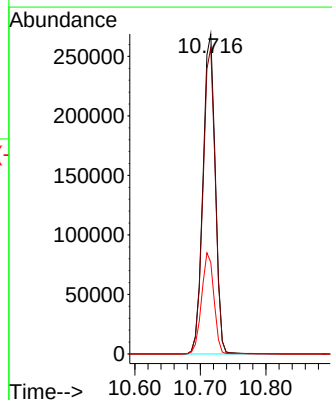
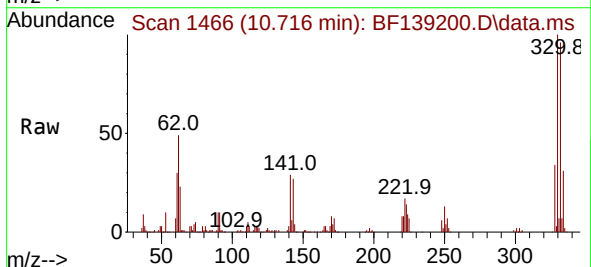
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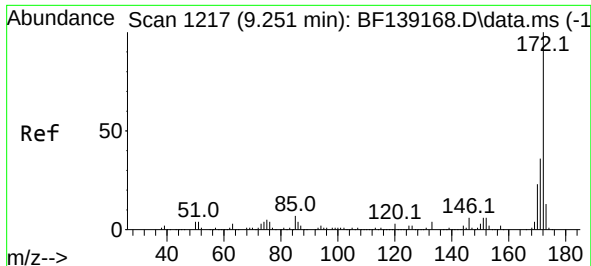
Tgt Ion:164 Resp: 277722
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 42.5 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 147.957 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

Tgt Ion:330 Resp: 351923
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 31.7 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 77.169 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139200.D

Acq: 28 Aug 2024 10:37

Instrument :

BNA_F

ClientSampleId :

PB162991TB

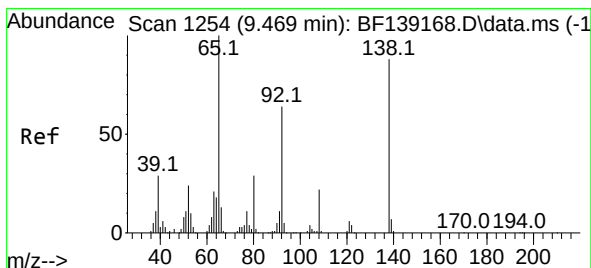
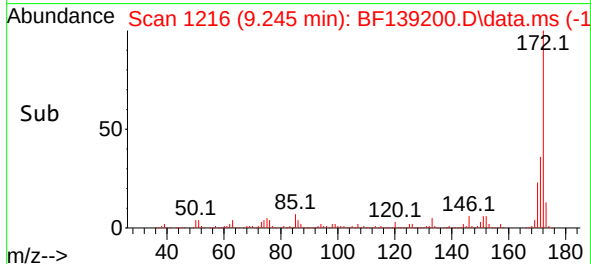
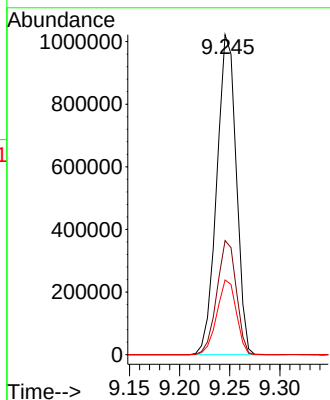
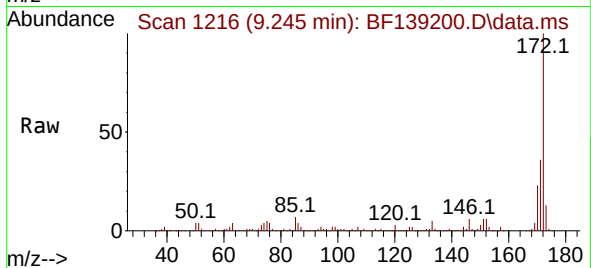
Tgt Ion:172 Resp: 1379686

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.3 18.8 28.2



#48

2-Nitroaniline

Concen: 6.305 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.224 min

Lab File: BF139200.D

Acq: 28 Aug 2024 10:37

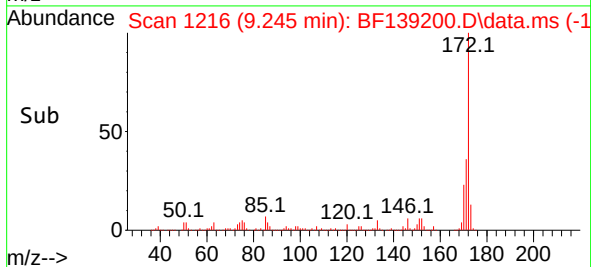
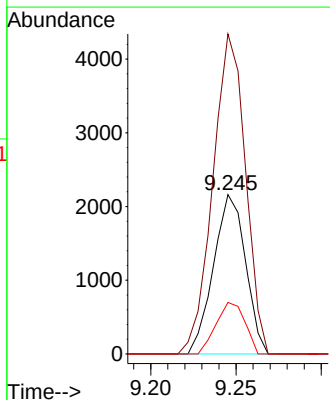
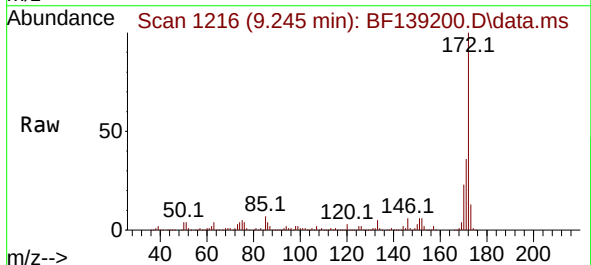
Tgt Ion: 65 Resp: 2826

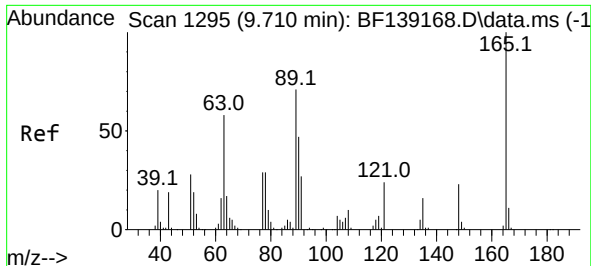
Ion Ratio Lower Upper

65 100

92 200.7 51.2 76.8#

138 32.4 70.0 105.0#

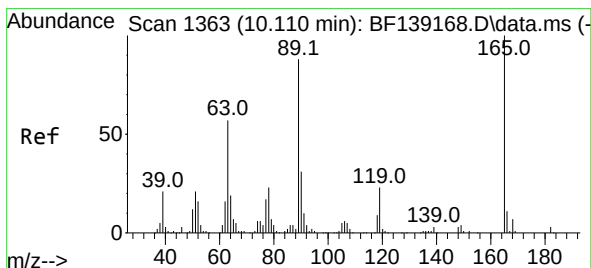
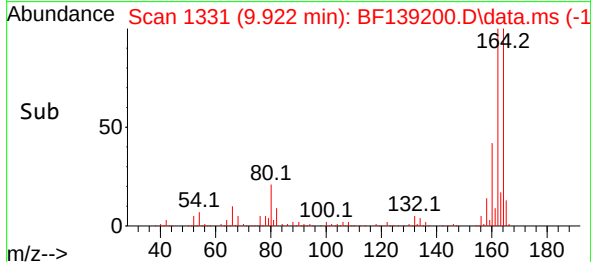
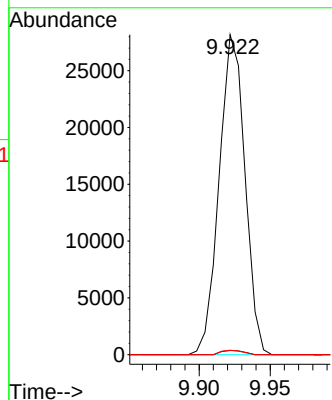
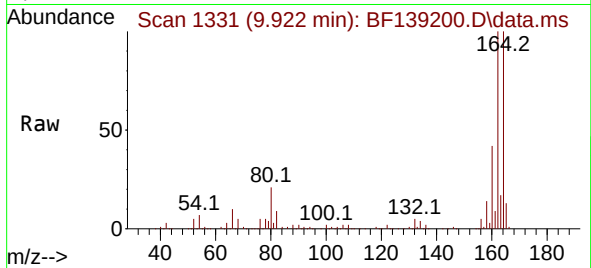




#51
2,6-Dinitrotoluene
Concen: 14.421 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

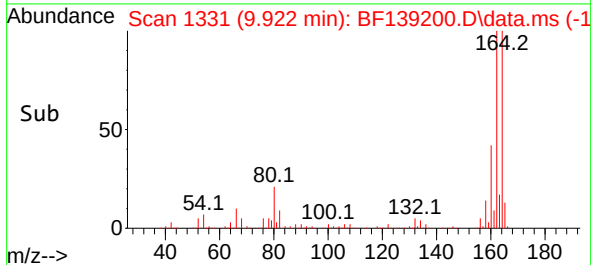
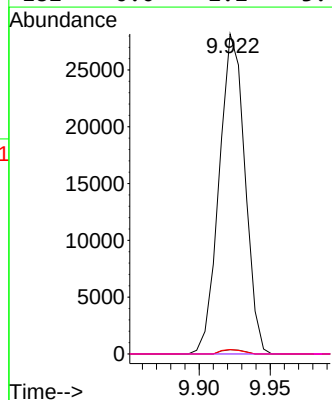
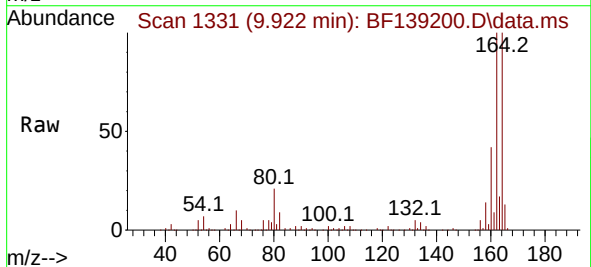
Instrument :
BNA_F
ClientSampleId :
PB162991TB

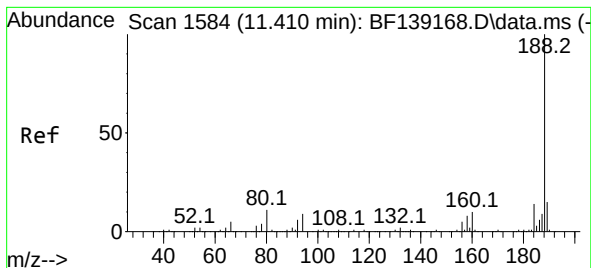
Tgt Ion:165 Resp: 35524
Ion Ratio Lower Upper
165 100
63 1.3 60.1 90.1#
89 1.4 57.0 85.6#



#57
2,4-Dinitrotoluene
Concen: 13.078 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

Tgt Ion:165 Resp: 35524
Ion Ratio Lower Upper
165 100
63 1.3 46.2 69.2#
89 1.4 70.2 105.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139200.D

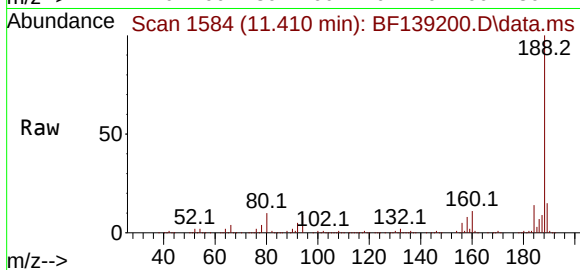
Acq: 28 Aug 2024 10:37

Instrument :

BNA_F

ClientSampleId :

PB162991TB



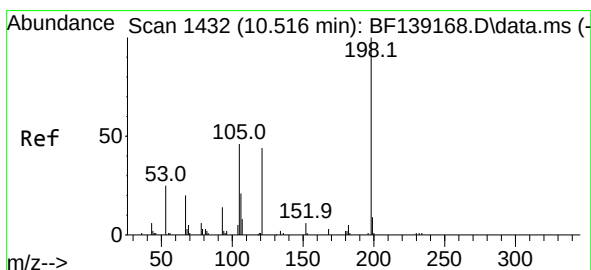
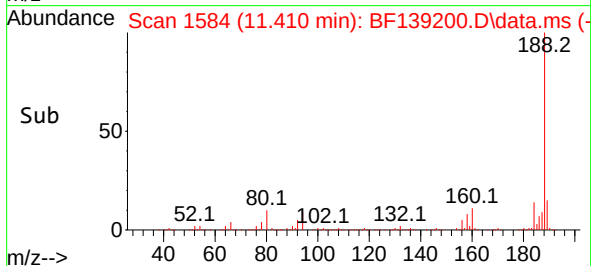
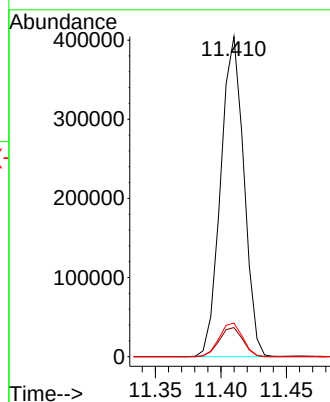
Tgt Ion:188 Resp: 496912

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.5 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.333 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139200.D

Acq: 28 Aug 2024 10:37

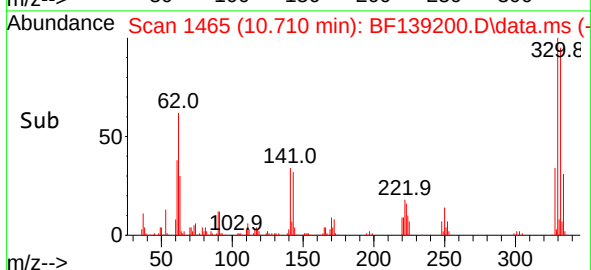
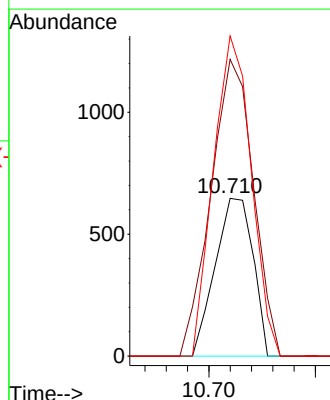
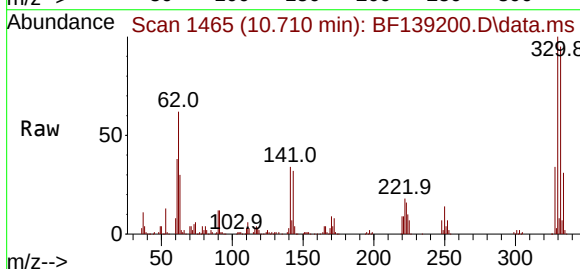
Tgt Ion:198 Resp: 798

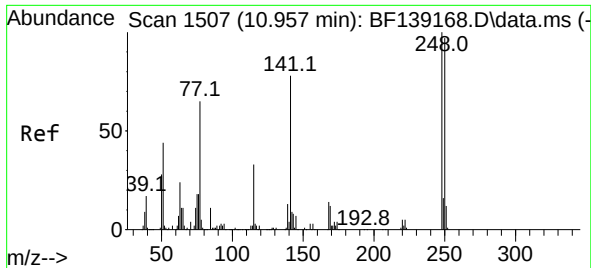
Ion Ratio Lower Upper

198 100

51 188.1 39.2 79.2#

105 202.9 29.3 69.3#

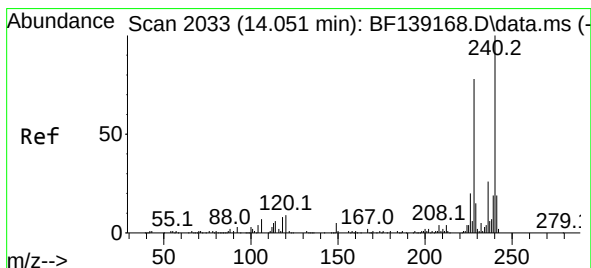
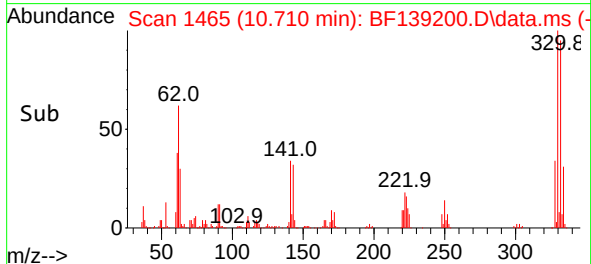
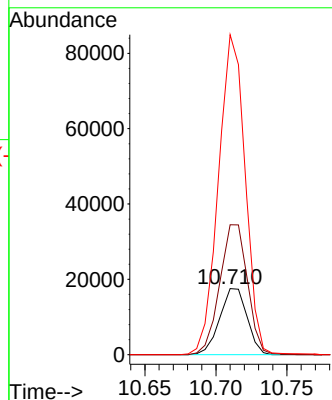
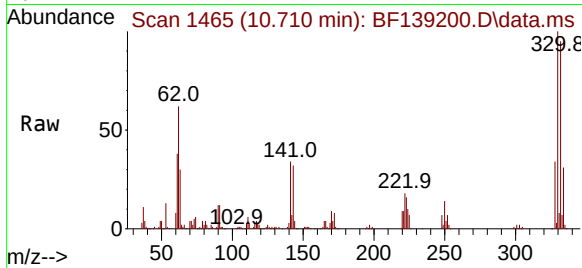




#67
4-Bromophenyl-phenylether
Concen: 4.462 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

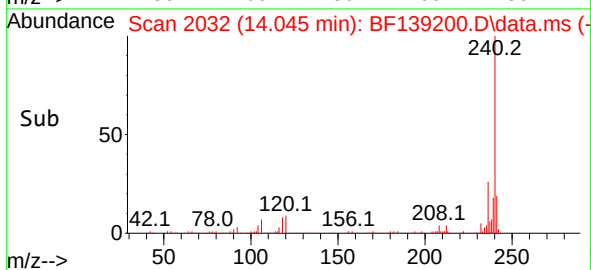
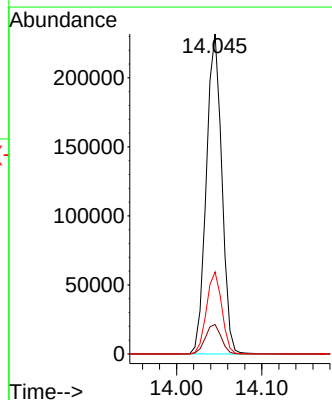
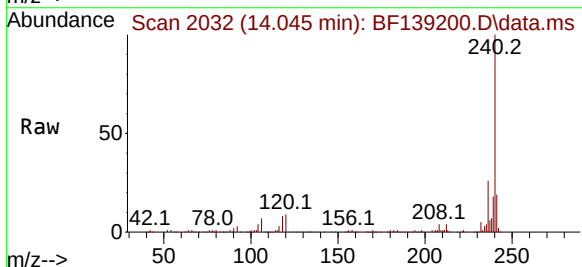
Instrument :
BNA_F
ClientSampleId :
PB162991TB

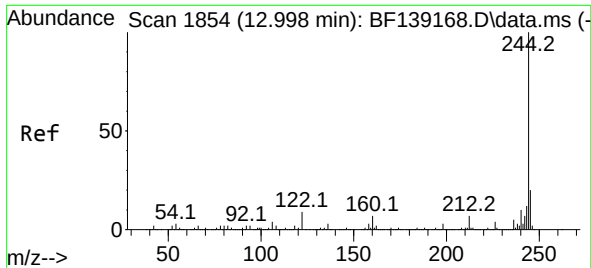
Tgt Ion:248 Resp: 23557
Ion Ratio Lower Upper
248 100
250 196.7 78.0 117.0#
141 484.4 62.6 94.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139200.D
Acq: 28 Aug 2024 10:37

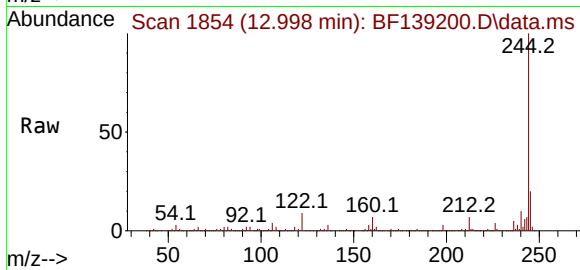
Tgt Ion:240 Resp: 293090
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 25.7 20.9 31.3





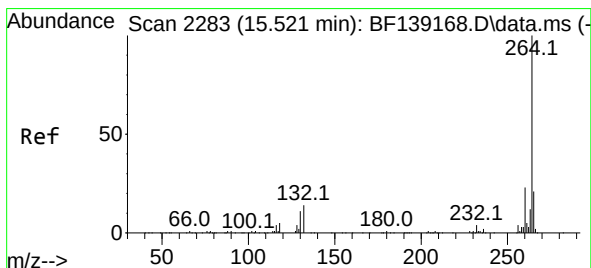
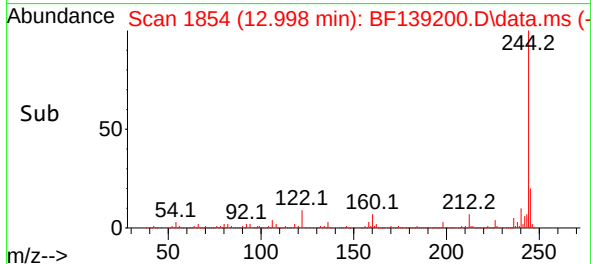
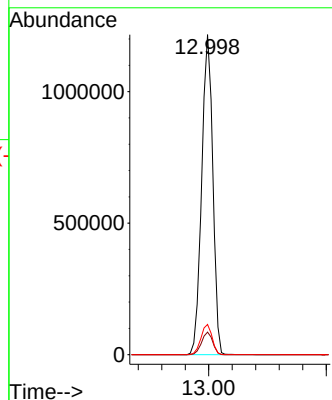
#79
 Terphenyl-d14
 Concen: 84.795 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139200.D
 Acq: 28 Aug 2024 10:37

Instrument :
 BNA_F
 ClientSampleId :
 PB162991TB



Tgt Ion:244 Resp: 1592787

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.5	7.6	11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF139200.D
 Acq: 28 Aug 2024 10:37

Tgt Ion:264 Resp: 211523

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.0	17.0	25.6

