

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139715.D
 Acq On : 09 Oct 2024 11:40
 Operator : RC/JU
 Sample : PB163947BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163947BL

Quant Time: Oct 09 12:48:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

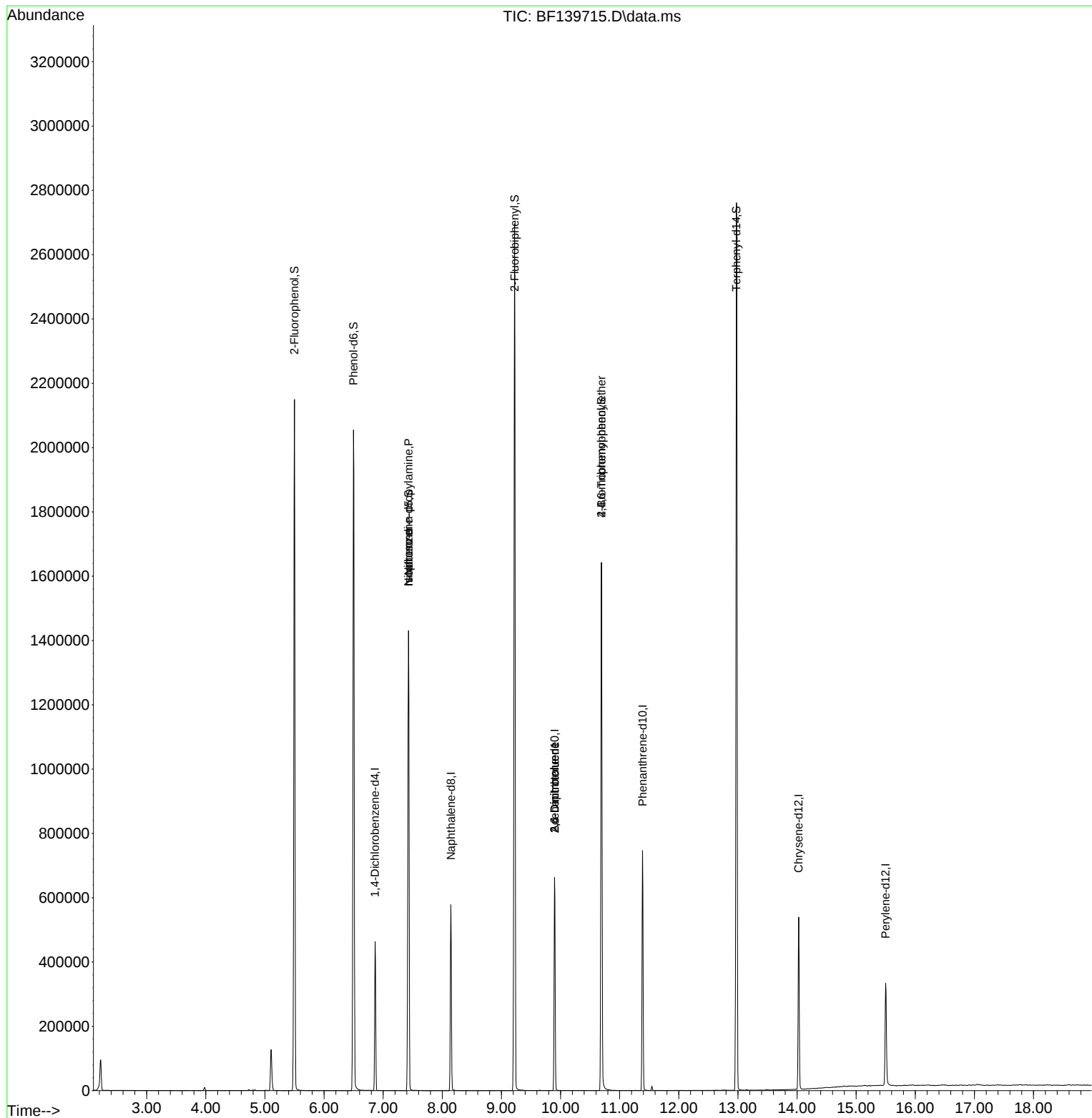
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92304	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	351162	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	199451	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	392411	20.000	ng	0.00
76) Chrysene-d12	14.027	240	247748	20.000	ng	0.00
86) Perylene-d12	15.498	264	192020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	764737	143.599	ng	0.01
7) Phenol-d6	6.498	99	992310	138.559	ng	0.00
23) Nitrobenzene-d5	7.428	82	664031	95.739	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	265159	137.718	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1219274	93.848	ng	0.00
79) Terphenyl-d14	12.975	244	1410023	93.386	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.428	70	89442	19.426	ng	# 76
25) Isophorone	7.428	82	659082	53.502	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	25930	8.792	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	25930	6.726	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	17788	4.421	ng	# 1

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

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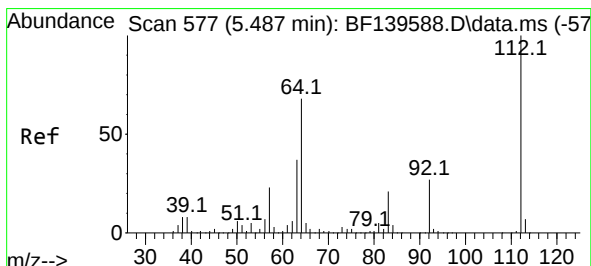
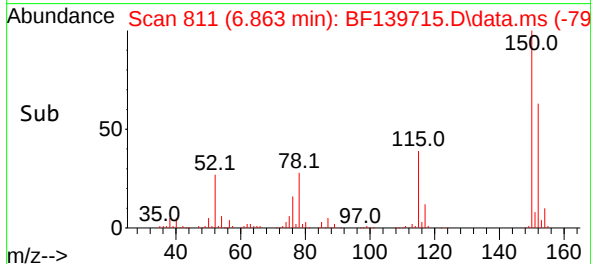
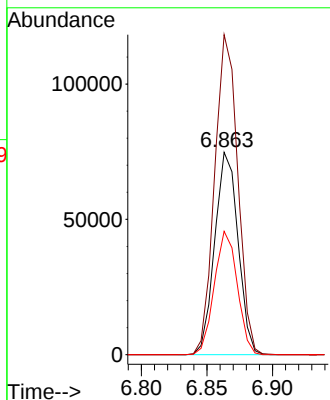
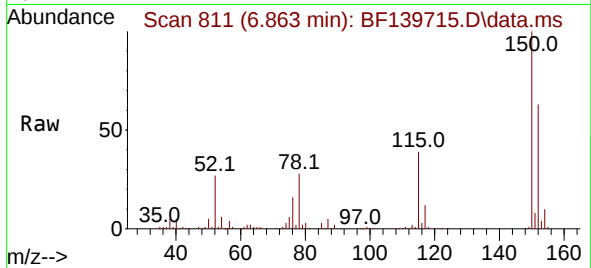




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

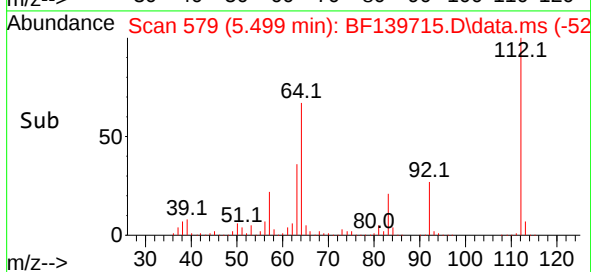
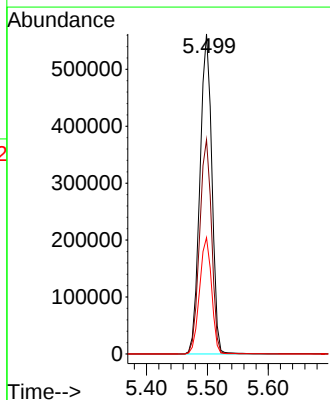
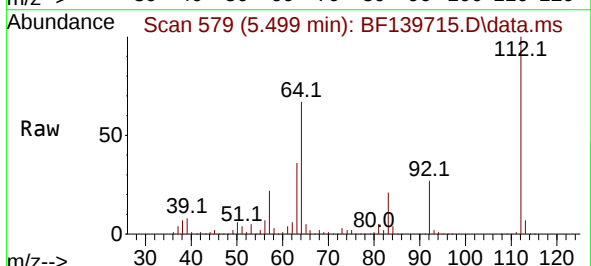
Instrument :
BNA_F
ClientSampleId :
PB163947BL

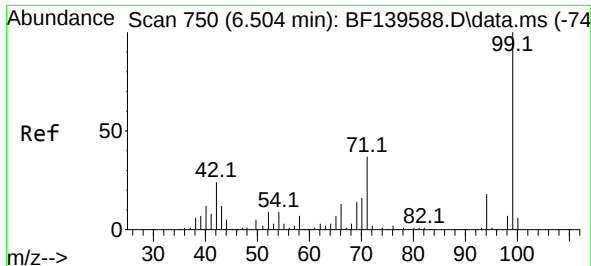
Tgt Ion:152 Resp: 92304
Ion Ratio Lower Upper
152 100
150 158.1 127.2 190.8
115 60.9 49.0 73.4



#5
2-Fluorophenol
Concen: 143.599 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

Tgt Ion:112 Resp: 764737
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.4
63 36.3 29.4 44.2

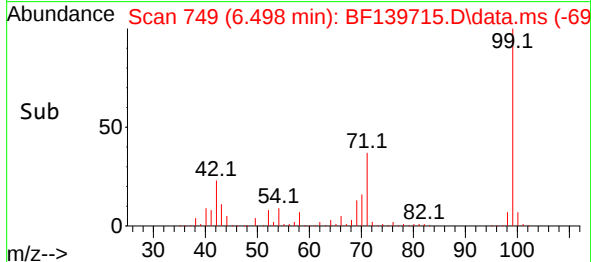
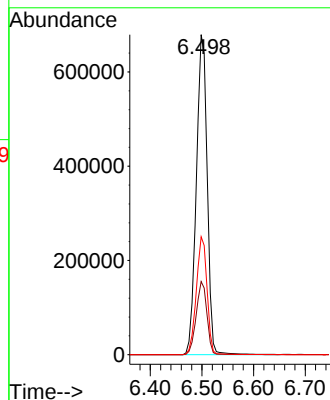
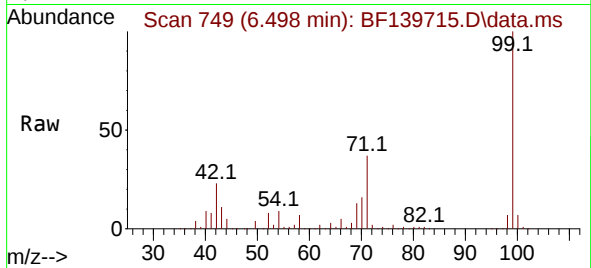




#7
Phenol-d6
Concen: 138.559 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

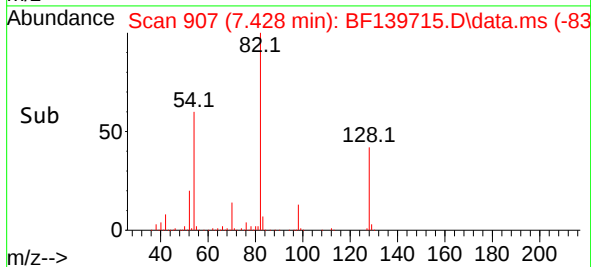
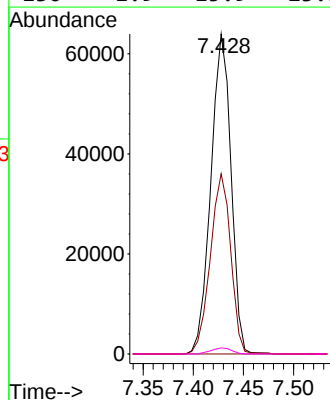
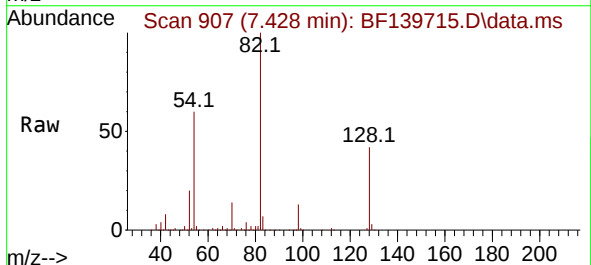
Instrument :
BNA_F
ClientSampleId :
PB163947BL

Tgt Ion: 99 Resp: 992310
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 36.8 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.426 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

Tgt Ion: 70 Resp: 89442
Ion Ratio Lower Upper
70 100
42 56.3 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

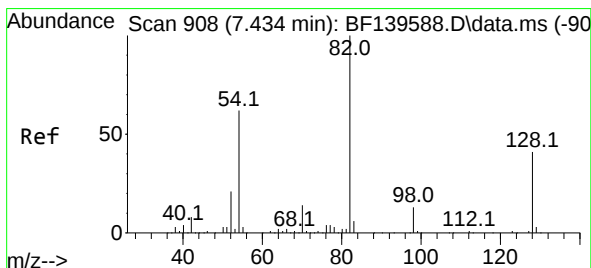
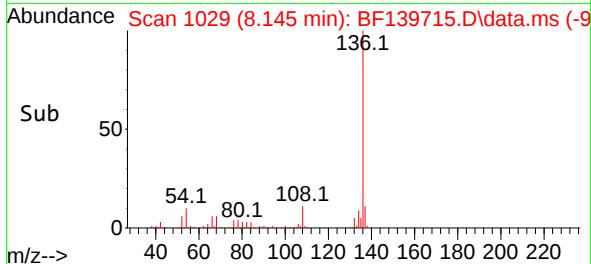
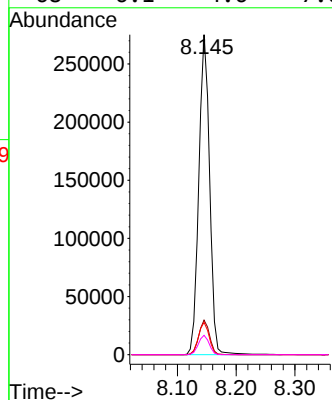
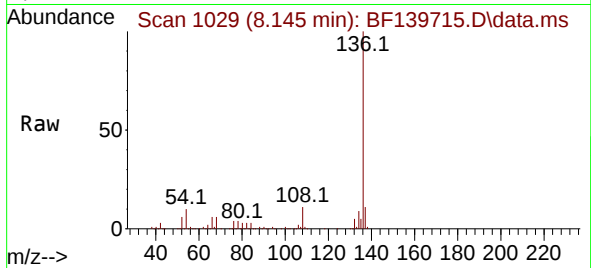
Instrument :

BNA_F

ClientSampleId :

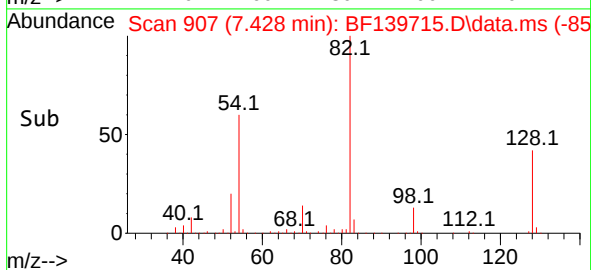
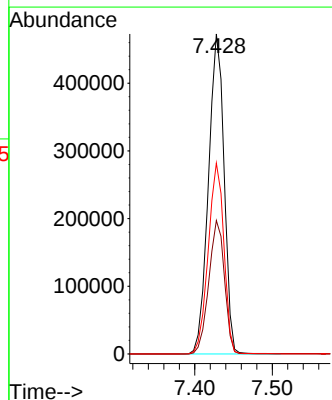
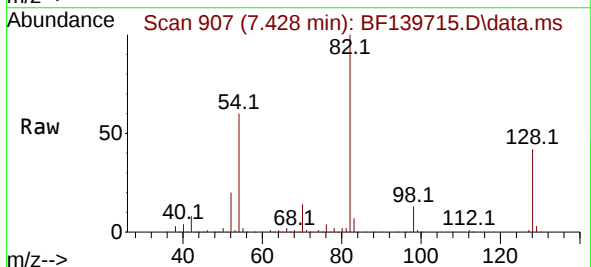
PB163947BL

Tgt	Ion:136	Resp:	351162
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.1	8.3	12.5
68	6.1	4.6	7.0



#23
Nitrobenzene-d5
Concen: 95.739 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

Tgt Ion: 82	Resp: 664031
Ion Ratio	Lower Upper
82 100	
128 41.7	32.4 48.6
54 59.6	49.1 73.7

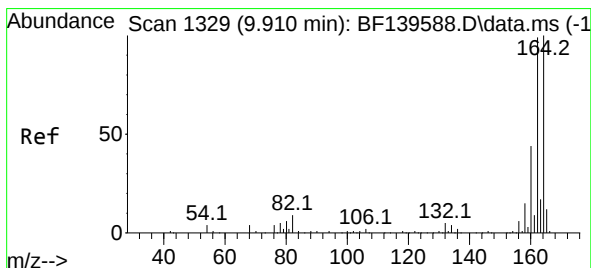
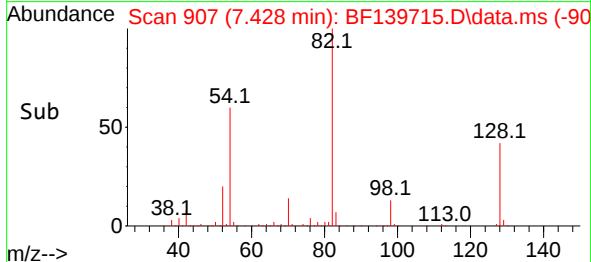
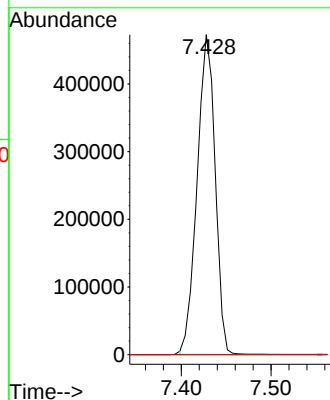
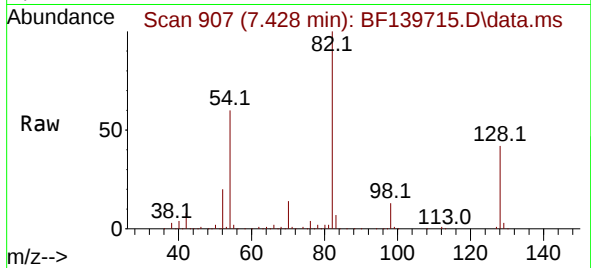




#25
Isophorone
Concen: 53.502 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

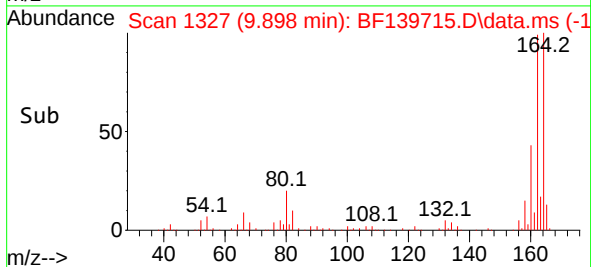
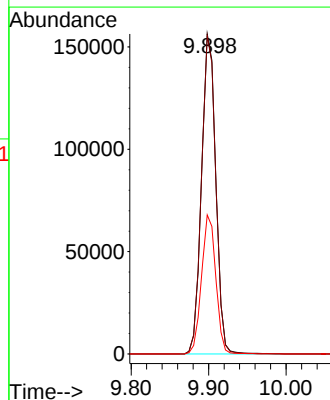
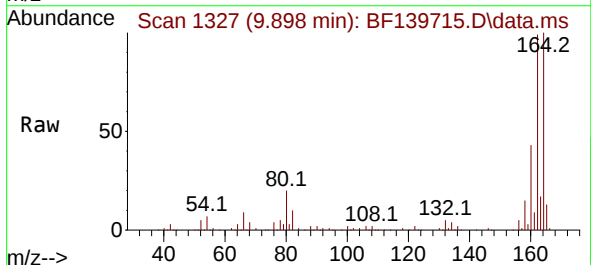
Instrument :
BNA_F
ClientSampleId :
PB163947BL

Tgt Ion: 82 Resp: 659082
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

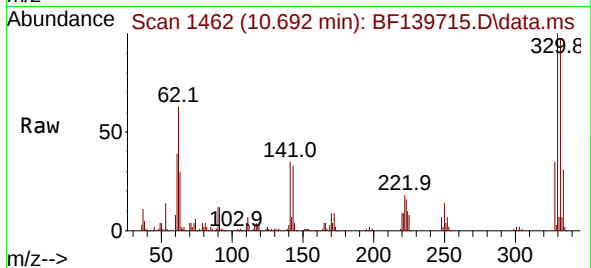
Tgt Ion:164 Resp: 199451
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 43.4 35.1 52.7



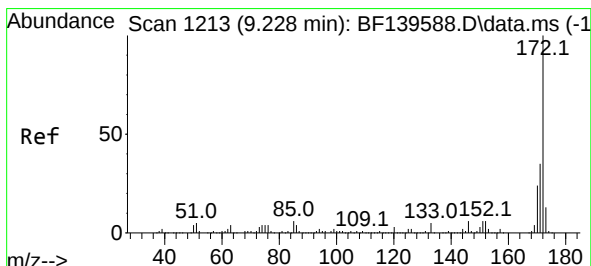
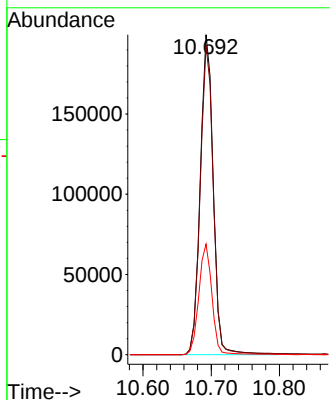
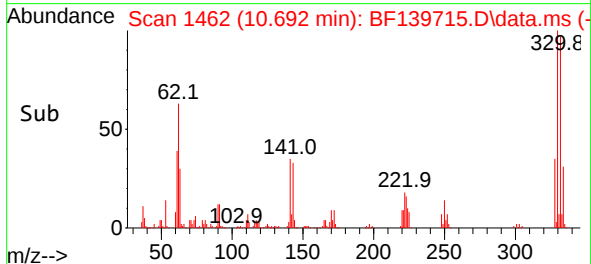


#42
2,4,6-Tribromophenol
Concen: 137.718 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

Instrument :
BNA_F
ClientSampleId :
PB163947BL

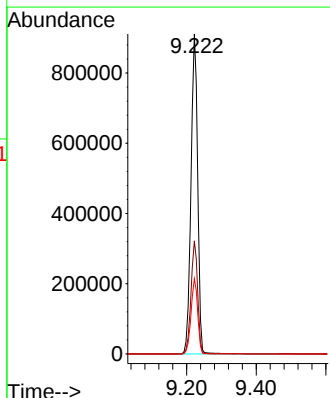
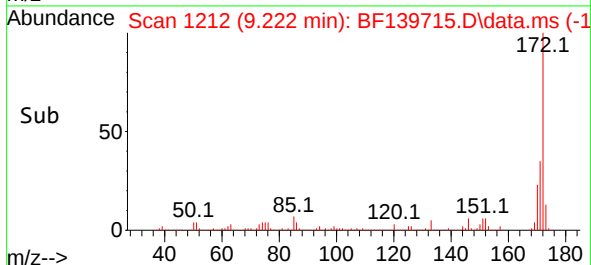
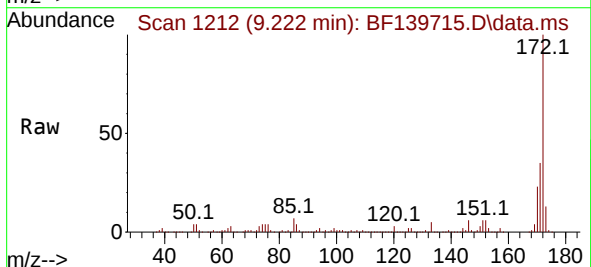


Tgt Ion:330 Resp: 265159
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 34.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 93.848 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

Tgt Ion:172 Resp: 1219274
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.5 18.8 28.2

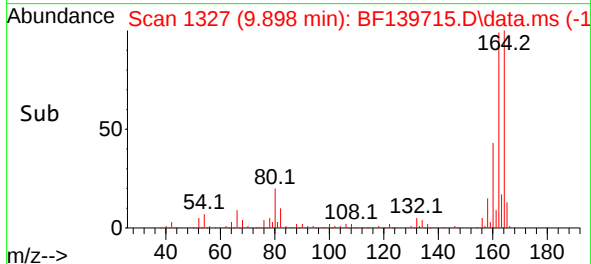
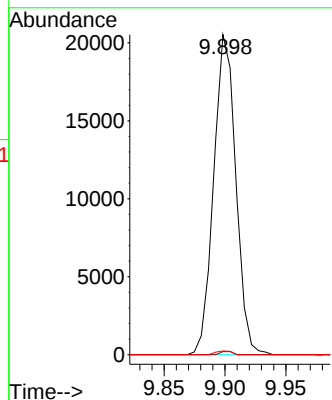
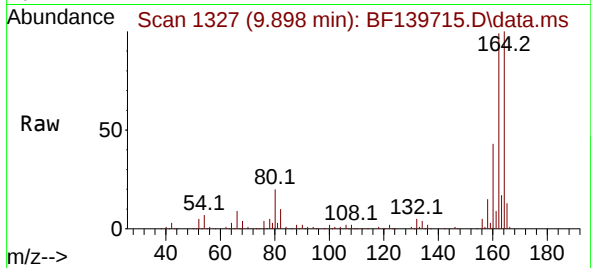




#51
2,6-Dinitrotoluene
Concen: 8.792 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

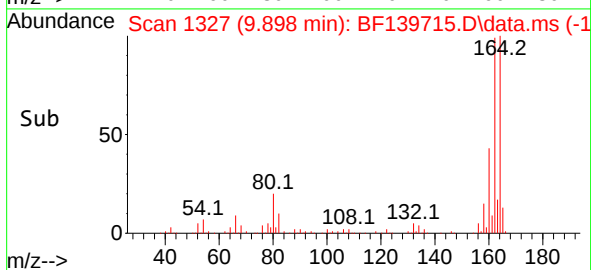
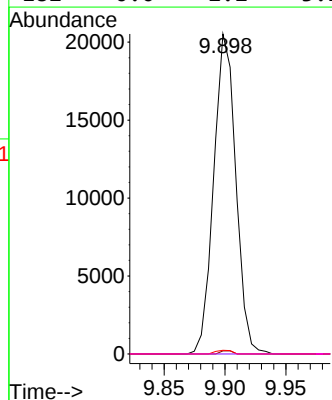
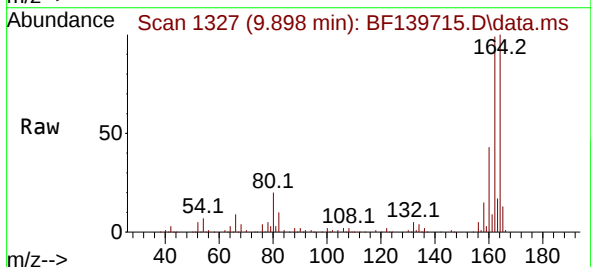
Instrument :
BNA_F
ClientSampleId :
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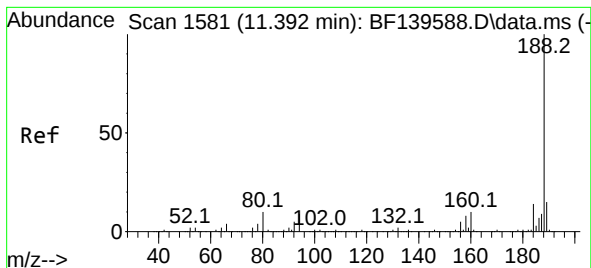
Tgt Ion:165 Resp: 25930
Ion Ratio Lower Upper
165 100
63 1.0 56.7 85.1#
89 1.2 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.726 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139715.D
Acq: 09 Oct 2024 11:40

Tgt Ion:165 Resp: 25930
Ion Ratio Lower Upper
165 100
63 1.0 46.9 70.3#
89 1.2 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139715.D

Acq: 09 Oct 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB163947BL

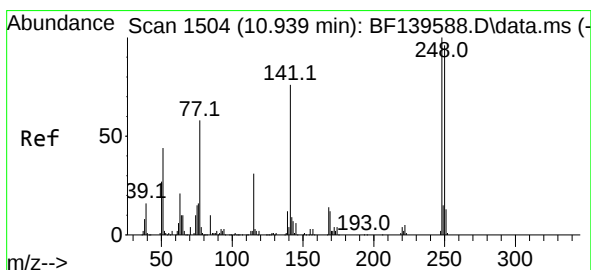
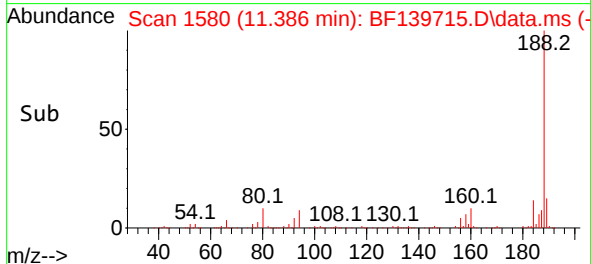
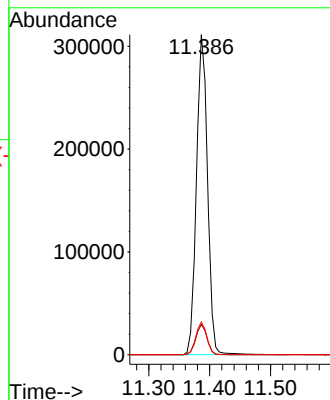
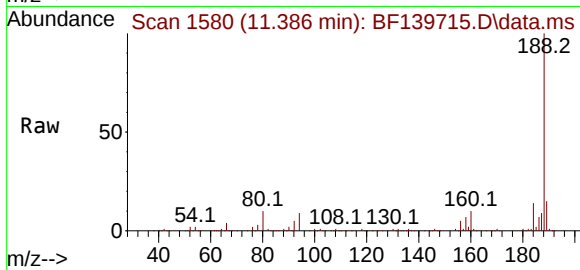
Tgt Ion:188 Resp: 392411

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.2 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.421 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139715.D

Acq: 09 Oct 2024 11:40

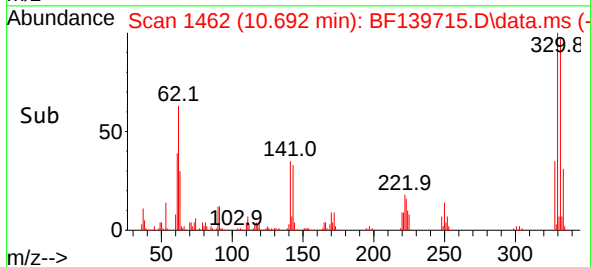
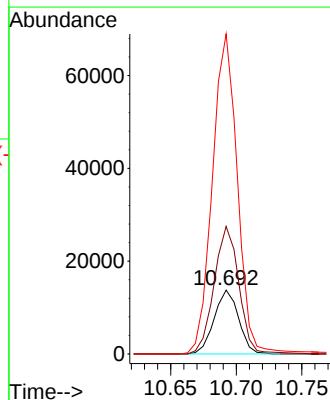
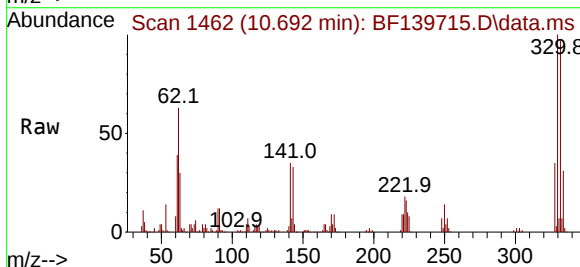
Tgt Ion:248 Resp: 17788

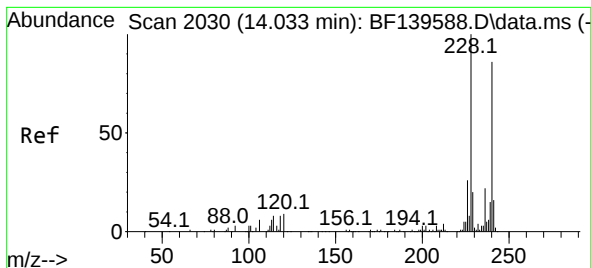
Ion Ratio Lower Upper

248 100

250 200.0 77.1 115.7#

141 501.4 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139715.D

Acq: 09 Oct 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB163947BL

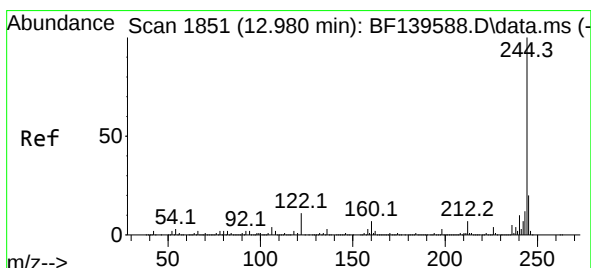
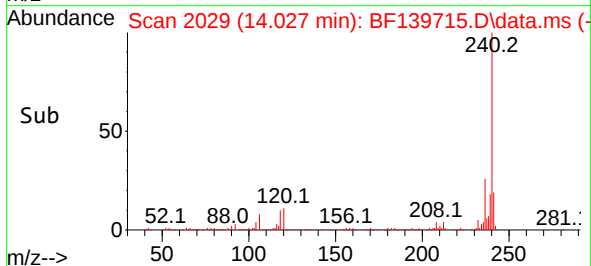
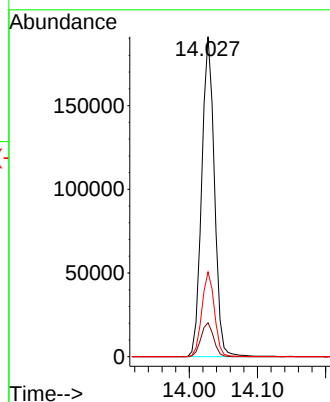
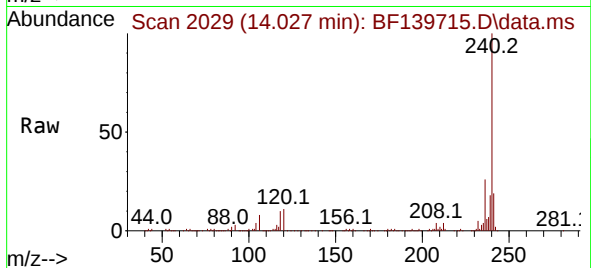
Tgt Ion:240 Resp: 247748

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 26.5 20.3 30.5



#79

Terphenyl-d14

Concen: 93.386 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BF139715.D

Acq: 09 Oct 2024 11:40

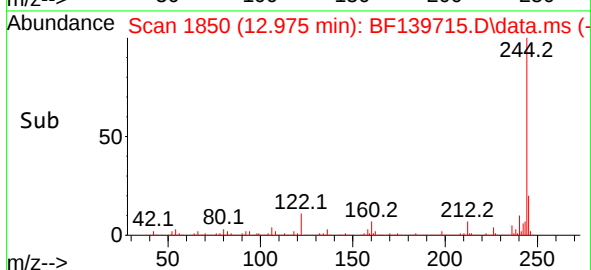
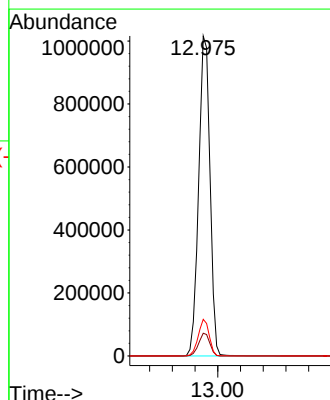
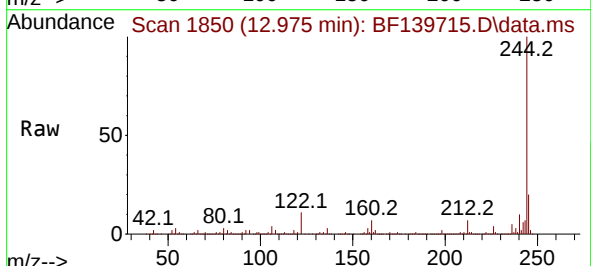
Tgt Ion:244 Resp: 1410023

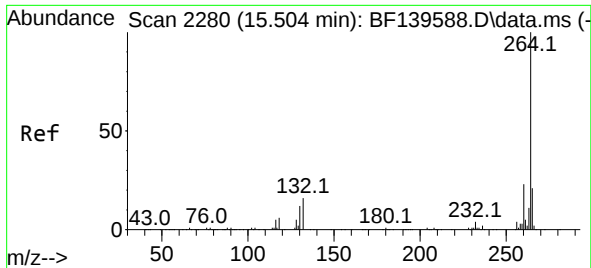
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 11.5 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139715.D
 Acq: 09 Oct 2024 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PB163947BL

Tgt Ion:264 Resp: 192020
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 20.4 16.9 25.3

