

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139308.D
 Acq On : 10 Sep 2024 19:29
 Operator : RC/JU
 Sample : P3892-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-005

Quant Time: Sep 11 01:31:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

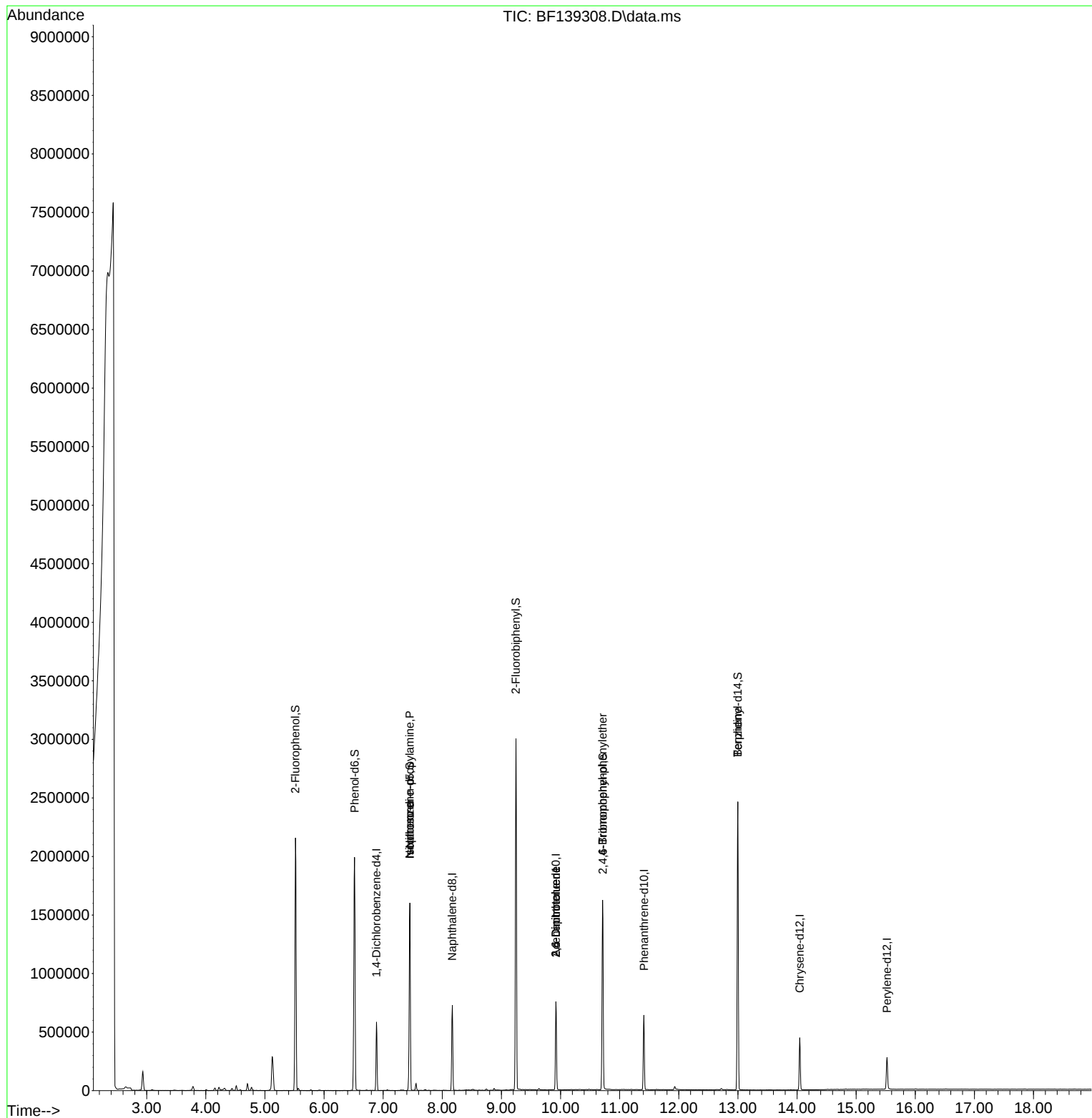
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	114398	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	418582	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	217865	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	329963	20.000	ng	0.00
76) Chrysene-d12	14.045	240	205914	20.000	ng	0.00
86) Perylene-d12	15.521	264	158592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	742572	108.588	ng	0.01
7) Phenol-d6	6.516	99	918415	100.602	ng	0.00
23) Nitrobenzene-d5	7.451	82	697182	86.648	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	249800	132.781	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1294916	91.749	ng	0.00
79) Terphenyl-d14	12.998	244	1185154	92.928	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	95652	18.192	ng	Qvalue # 75
25) Isophorone	7.451	82	694379	50.478	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	27318	9.119	ng	# 19
57) 2,4-Dinitrotoluene	9.922	165	27318	7.165	ng	# 19
67) 4-Bromophenyl-phenylether	10.710	248	16801	5.248	ng	# 1
77) Benzidine	12.998	184	16701	4.028	ng	# 92

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

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Quant Time: Sep 11 01:31:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

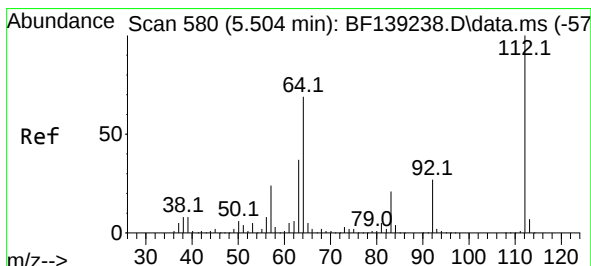
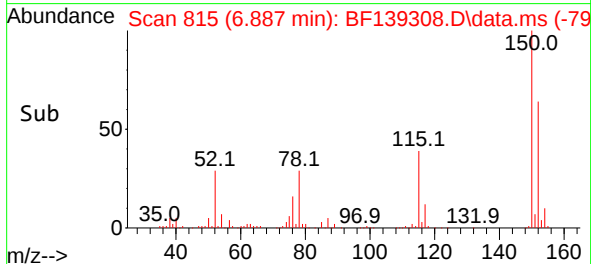
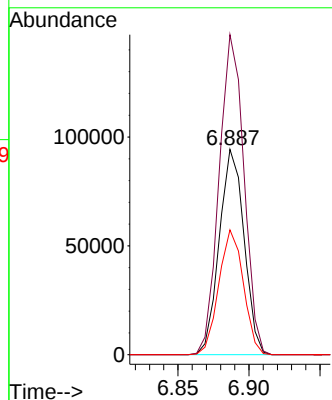
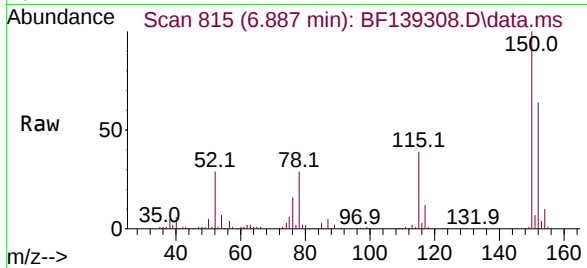




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29

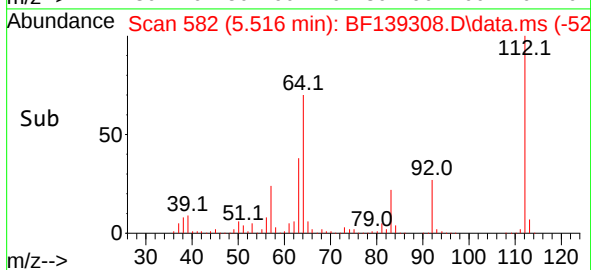
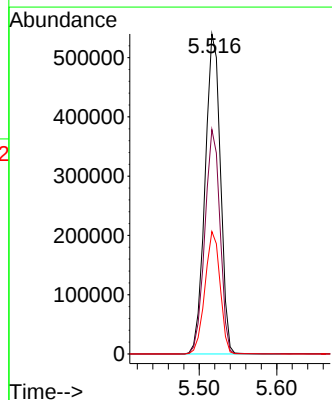
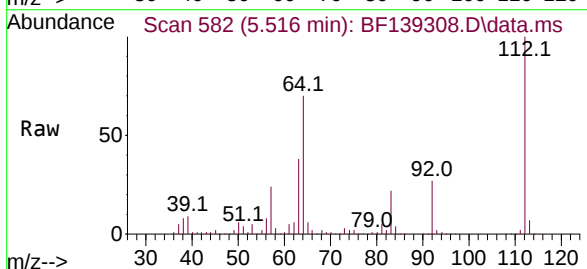
Instrument :
BNA_F
ClientSampleId :
ARS20-005

Tgt Ion:152 Resp: 114398
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.4
115 60.8 46.9 70.3



#5
2-Fluorophenol
Concen: 108.588 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29

Tgt Ion:112 Resp: 742572
Ion Ratio Lower Upper
112 100
64 70.2 55.0 82.4
63 38.3 29.9 44.9





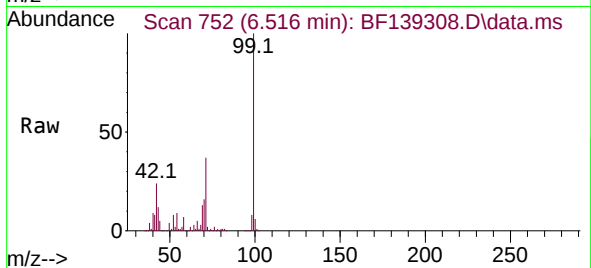
#7
Phenol-d6
Concen: 100.602 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29

Instrument :

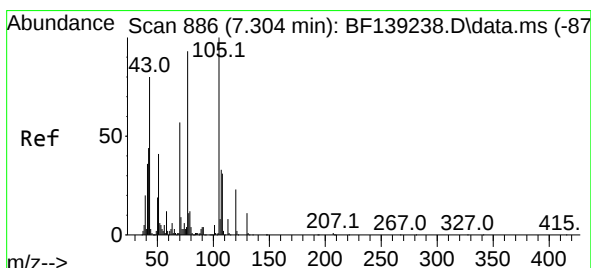
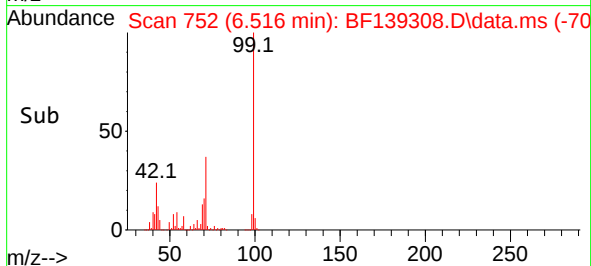
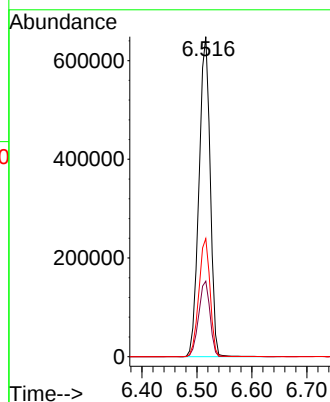
BNA_F

ClientSampleId :

ARS20-005

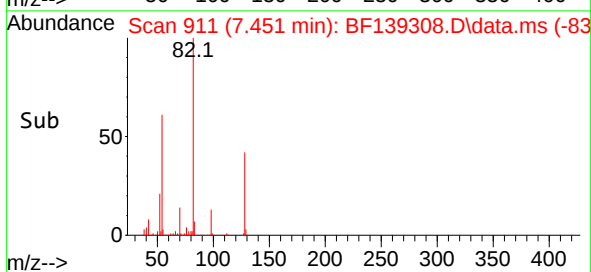
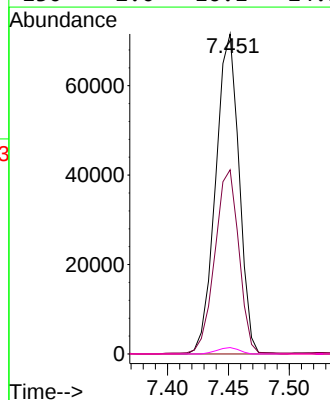
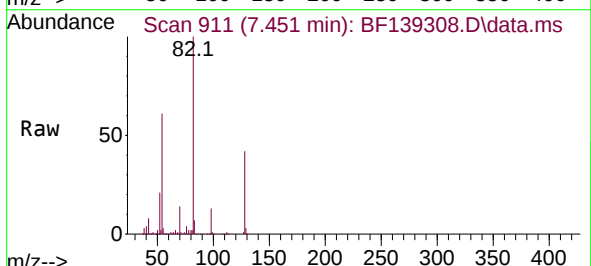


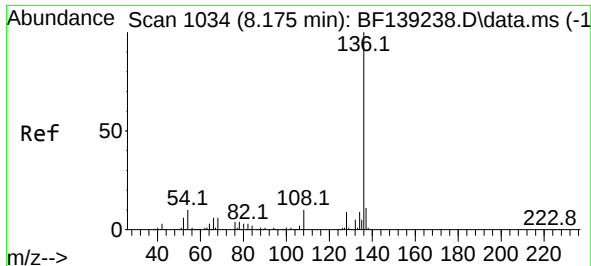
Tgt Ion: 99 Resp: 918415
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.6
71 36.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.192 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29

Tgt Ion: 70 Resp: 95652
Ion Ratio Lower Upper
70 100
42 57.6 61.0 91.6#
101 0.0 7.2 10.8#
130 2.0 16.1 24.1#



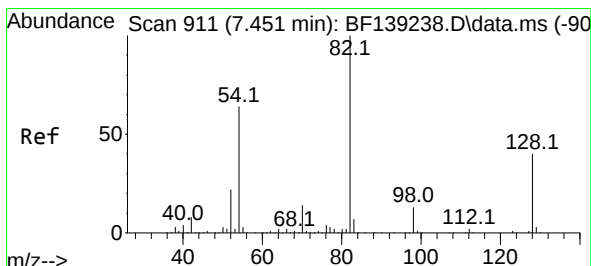
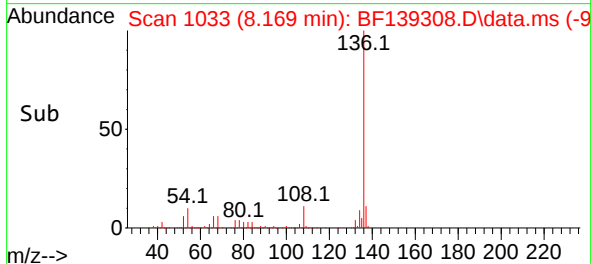
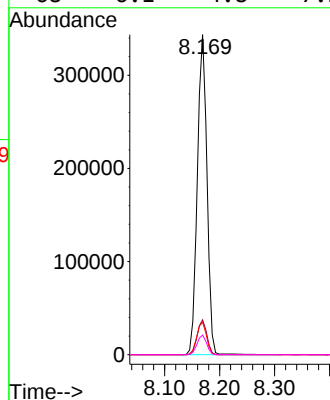
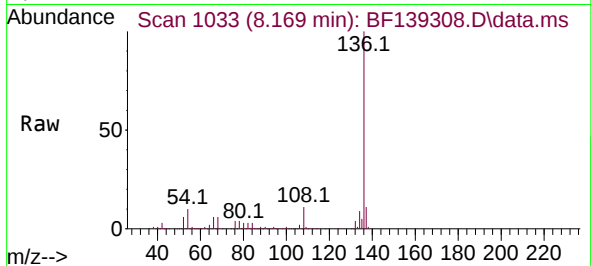


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29

Instrument :
BNA_F
ClientSampleId :
ARS20-005

Tgt Ion:136 Resp: 418582

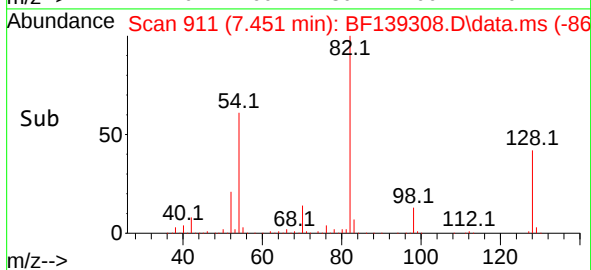
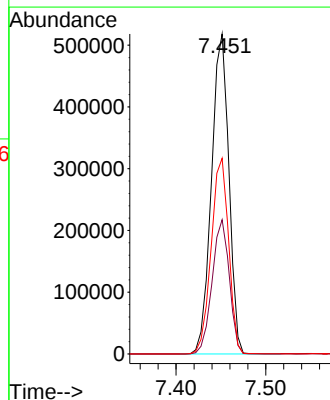
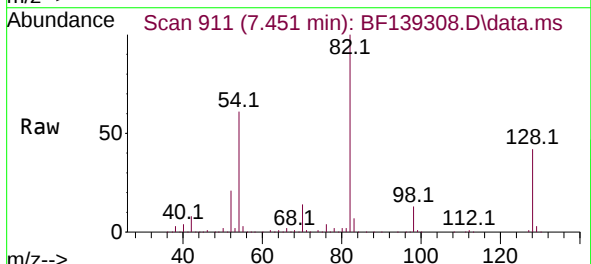
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.4	12.6
68	6.1	4.8	7.2

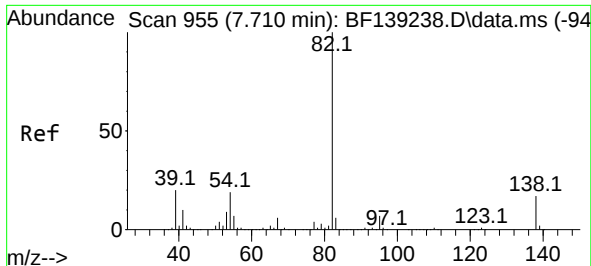


#23
Nitrobenzene-d5
Concen: 86.648 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29

Tgt Ion: 82 Resp: 697182

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.3	48.5
54	61.1	51.2	76.8

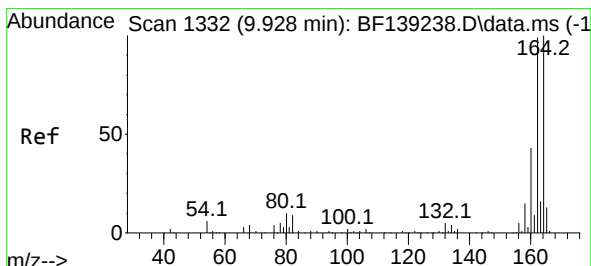
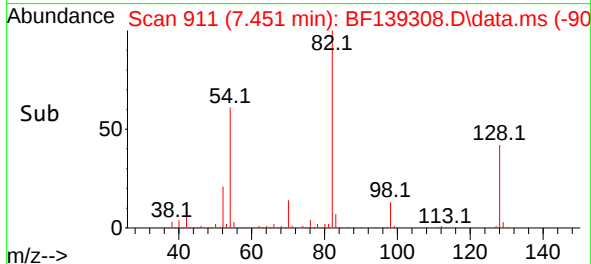
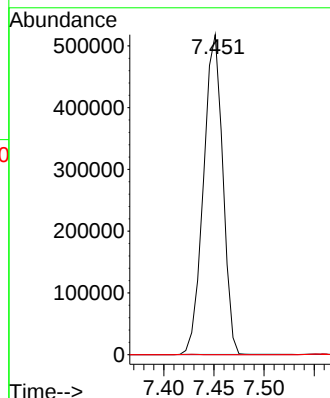
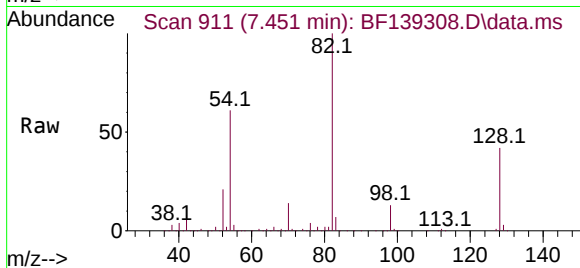




#25
Isophorone
Concen: 50.478 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29

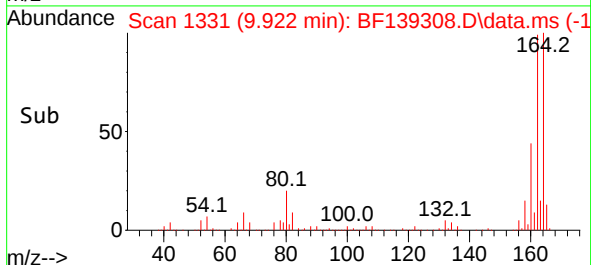
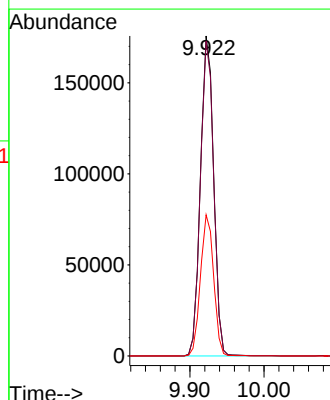
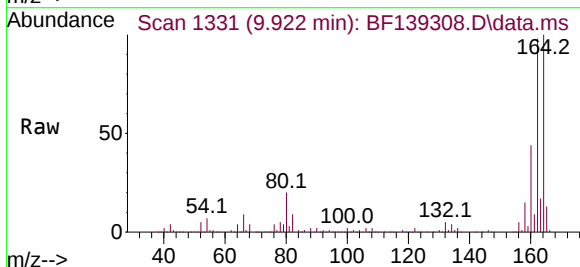
Instrument :
BNA_F
ClientSampleId :
ARS20-005

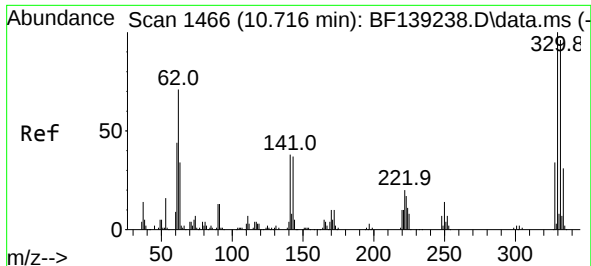
Tgt Ion: 82 Resp: 694379
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29

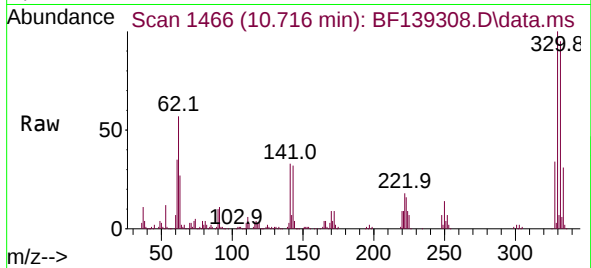
Tgt Ion:164 Resp: 217865
Ion Ratio Lower Upper
164 100
162 98.4 79.2 118.8
160 44.1 34.2 51.2



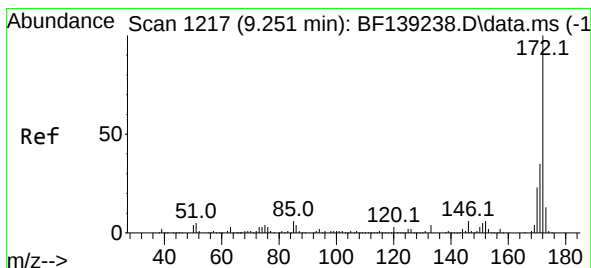
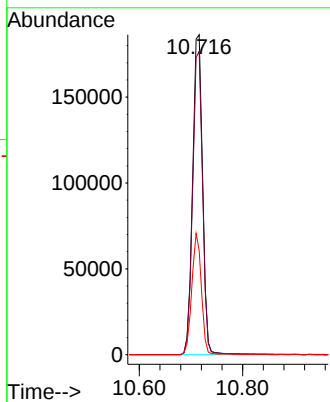
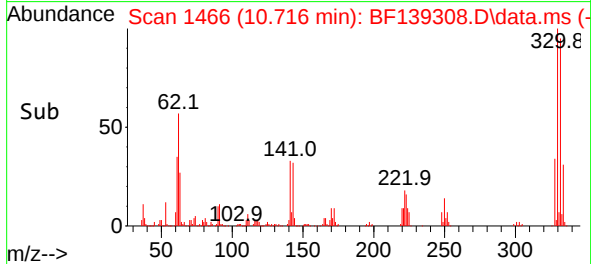


#42
2,4,6-Tribromophenol
Concen: 132.781 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29

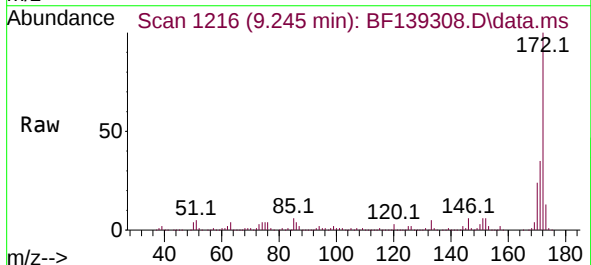
Instrument :
BNA_F
ClientSampleId :
ARS20-005



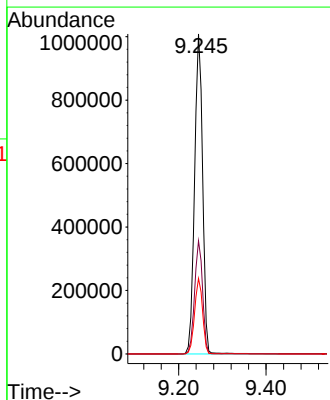
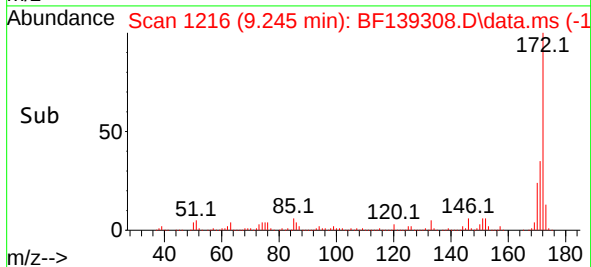
Tgt Ion:330 Resp: 249800
Ion Ratio Lower Upper
330 100
332 94.7 76.6 115.0
141 36.5 30.1 45.1

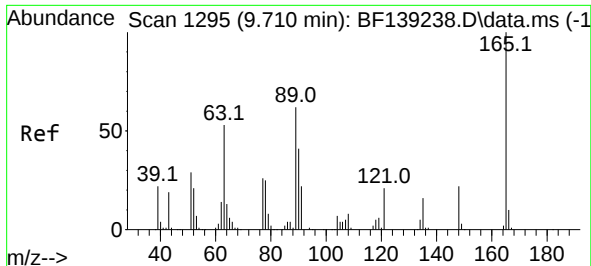


#45
2-Fluorobiphenyl
Concen: 91.749 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29



Tgt Ion:172 Resp: 1294916
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.6 18.7 28.1

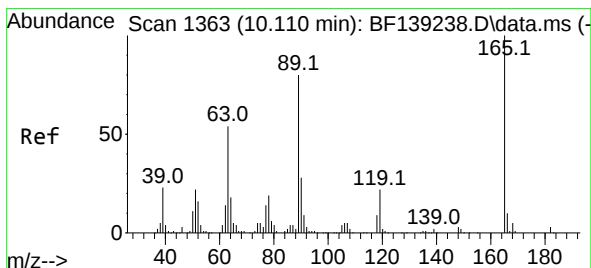
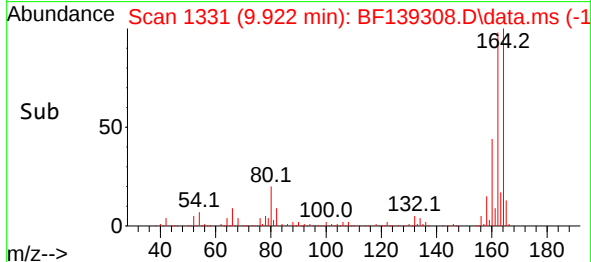
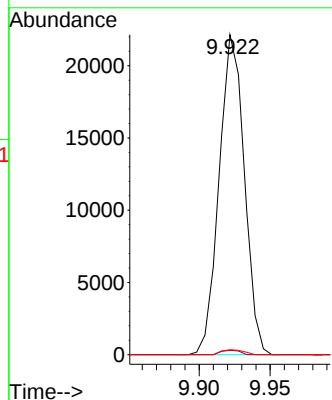
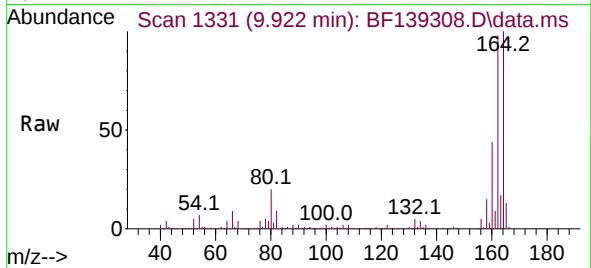




#51
2,6-Dinitrotoluene
Concen: 9.119 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29

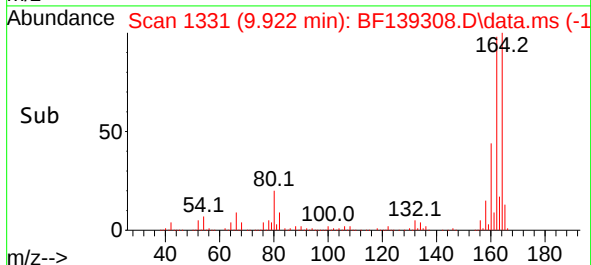
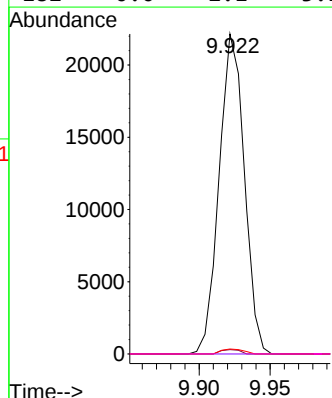
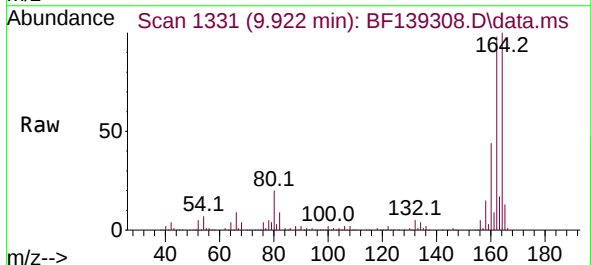
Instrument :
BNA_F
ClientSampleId :
ARS20-005

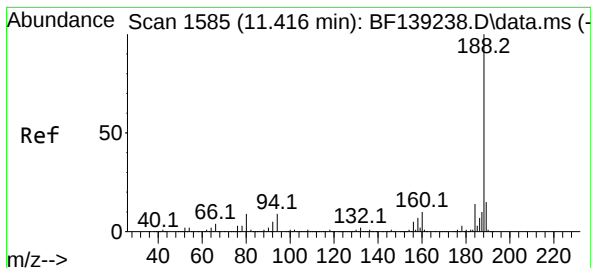
Tgt Ion:165 Resp: 27318
Ion Ratio Lower Upper
165 100
63 1.3 56.1 84.1#
89 1.5 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.165 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139308.D
Acq: 10 Sep 2024 19:29

Tgt Ion:165 Resp: 27318
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.0#
89 1.5 64.2 96.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139308.D

Acq: 10 Sep 2024 19:29

Instrument :

BNA_F

ClientSampleId :

ARS20-005

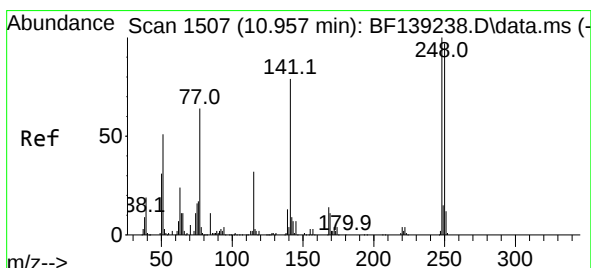
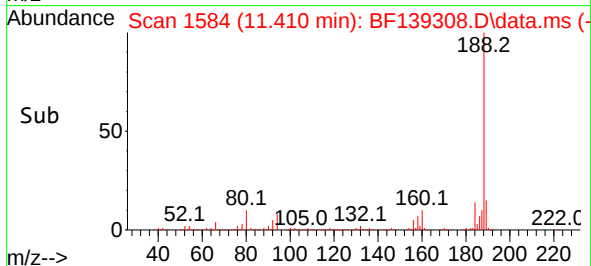
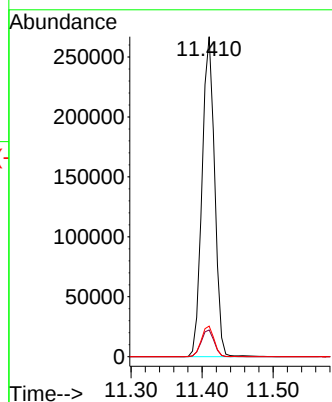
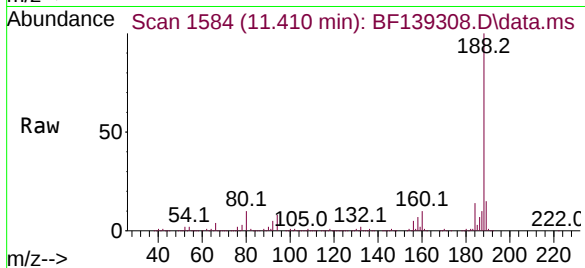
Tgt Ion:188 Resp: 329963

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.5 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.248 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139308.D

Acq: 10 Sep 2024 19:29

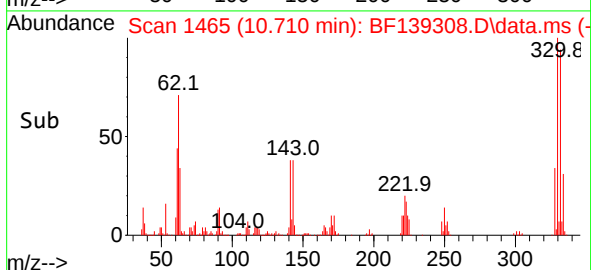
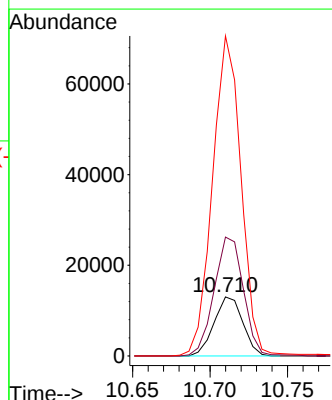
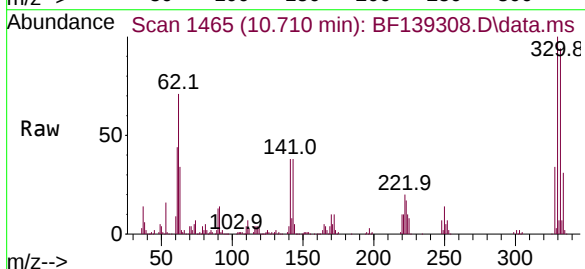
Tgt Ion:248 Resp: 16801

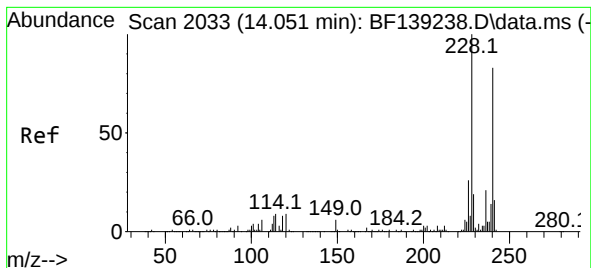
Ion Ratio Lower Upper

248 100

250 201.2 77.2 115.8#

141 541.7 63.6 95.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139308.D

Acq: 10 Sep 2024 19:29

Instrument :

BNA_F

ClientSampleId :

ARS20-005

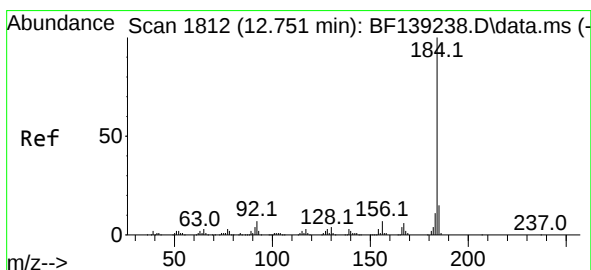
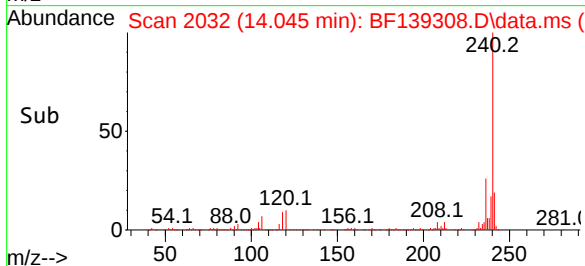
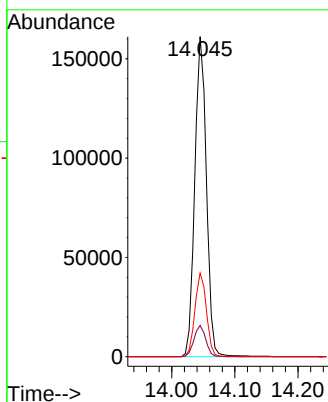
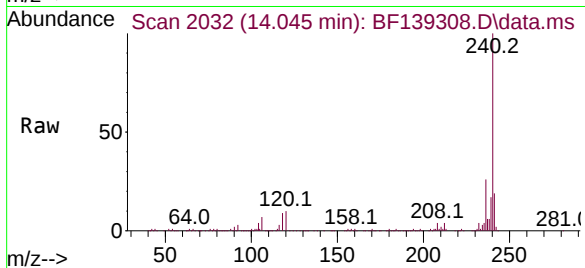
Tgt Ion:240 Resp: 205914

Ion Ratio Lower Upper

240 100

120 9.7 8.6 12.8

236 26.1 20.7 31.1



#77

Benzidine

Concen: 4.028 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.247 min

Lab File: BF139308.D

Acq: 10 Sep 2024 19:29

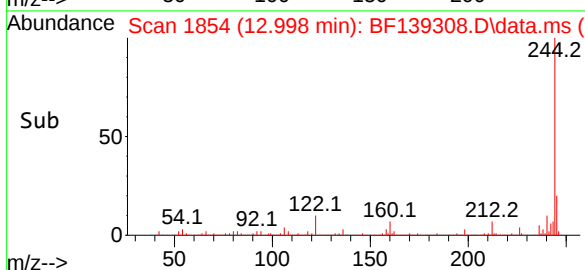
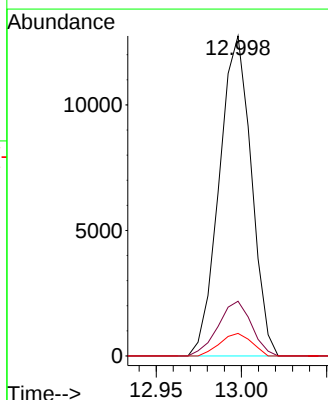
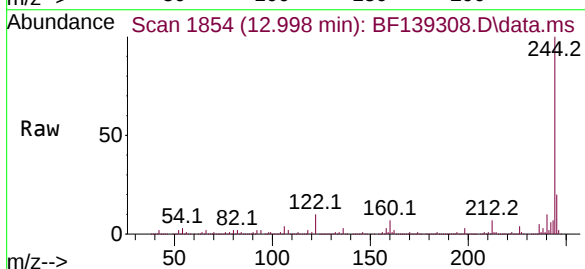
Tgt Ion:184 Resp: 16701

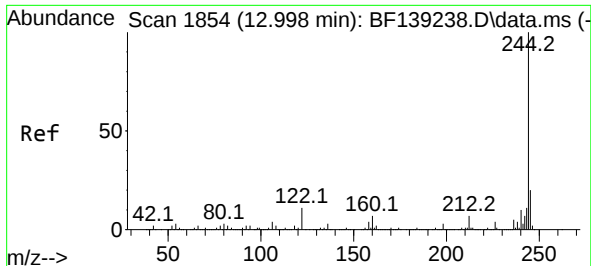
Ion Ratio Lower Upper

184 100

185 17.1 11.9 17.9

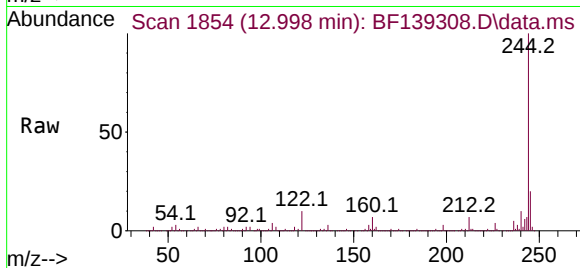
183 7.0 8.8 13.2#



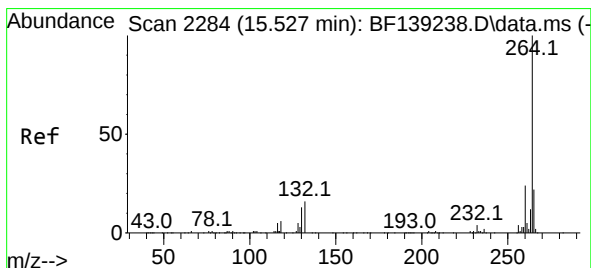
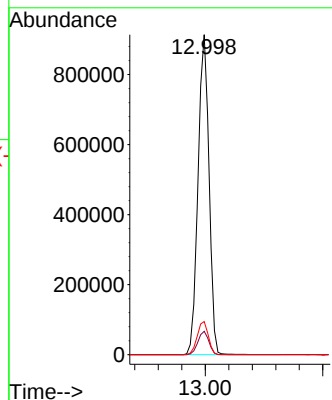
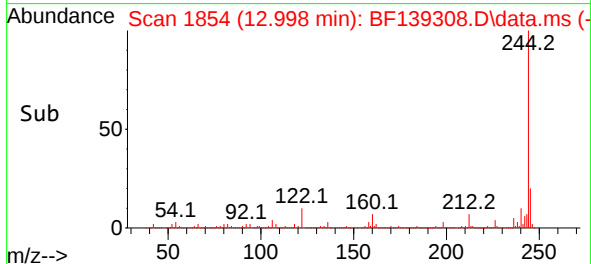


#79
 Terphenyl-d14
 Concen: 92.928 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139308.D
 Acq: 10 Sep 2024 19:29

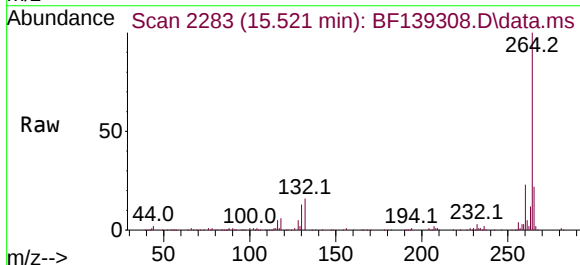
Instrument :
 BNA_F
 ClientSampleId :
 ARS20-005



Tgt Ion:244 Resp: 1185154
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.3 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF139308.D
 Acq: 10 Sep 2024 19:29



Tgt Ion:264 Resp: 158592
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.7 17.3 25.9

