

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139183.D
 Acq On : 27 Aug 2024 13:16
 Operator : RC/JU
 Sample : P3717-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

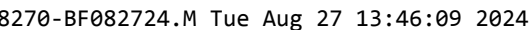
Quant Time: Aug 27 13:44:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

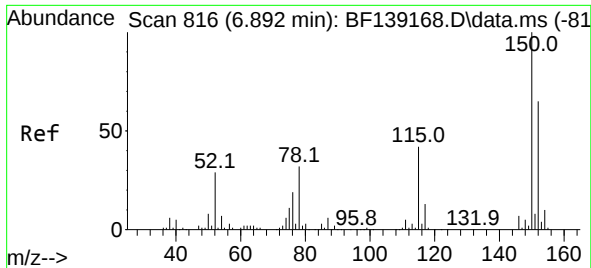
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	74969	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	275847	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	156467	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	250159	20.000	ng	0.00
76) Chrysene-d12	14.045	240	171559	20.000	ng	0.00
86) Perylene-d12	15.521	264	149859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	363512	81.478	ng	0.00
7) Phenol-d6	6.510	99	485344	79.266	ng	-0.01
23) Nitrobenzene-d5	7.451	82	301147	60.481	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	112370	83.854	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	544639	54.070	ng	0.00
79) Terphenyl-d14	12.992	244	508660	46.263	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	41552	11.346	ng	# 78
24) Nitrobenzene	7.451	77	1158	3.441	ng	# 47
25) Isophorone	7.451	82	297197	30.183	ng	# 68
48) 2-Nitroaniline	9.245	65	1023	6.117	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	18801	13.862	ng	# 14
53) 3-Nitroaniline	10.022	138	54	4.462	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	18801	12.645	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	240	7.142	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	8168	3.073	ng	# 1
77) Benzidine	12.992	184	6890	2.380	ng	# 92
80) Butylbenzylphthalate	13.468	149	121	4.510	ng	# 58
84) Bis(2-ethylhexyl)phtha...	14.033	149	1199	3.524	ng	# 83
85) Di-n-octyl phthalate	14.627	149	753	9.033	ng	# 41

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

Quant Time: Aug 27 13:44:38 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

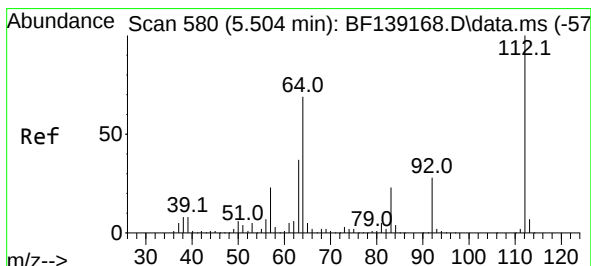
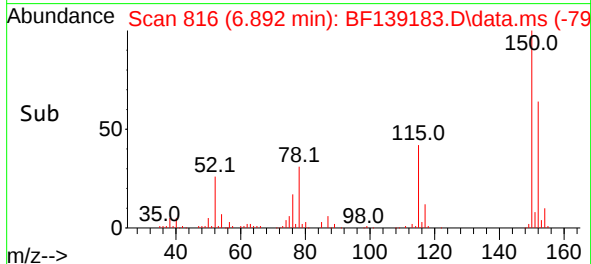
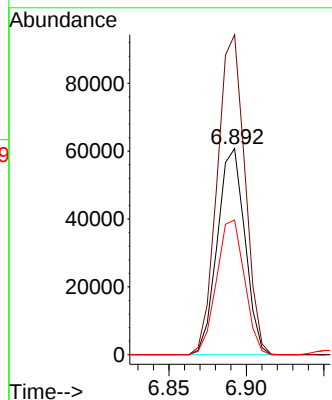
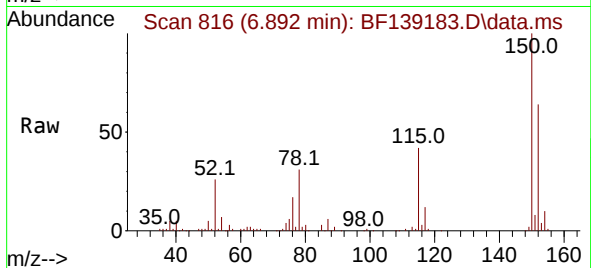




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF139183.D
 Acq: 27 Aug 2024 13:16

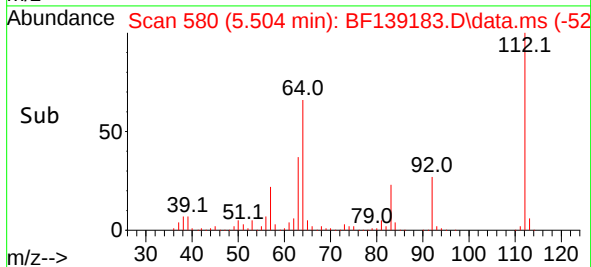
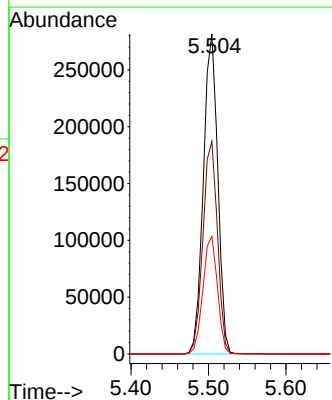
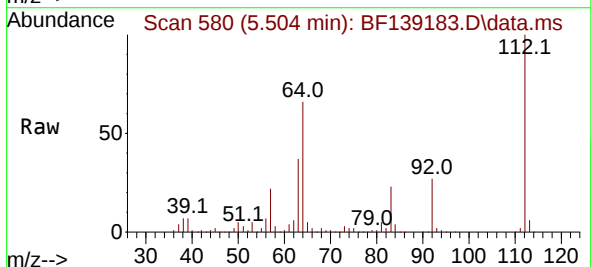
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

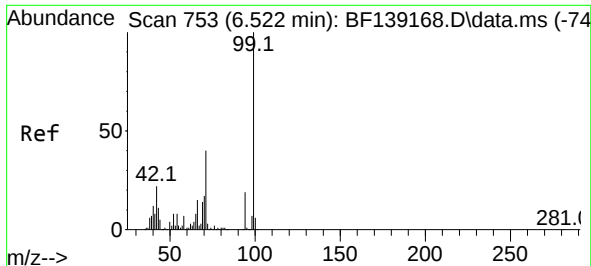
Tgt Ion:152 Resp: 74969
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.7 185.5
 115 65.4 51.8 77.8



#5
 2-Fluorophenol
 Concen: 81.478 ng
 RT: 5.504 min Scan# 580
 Delta R.T. -0.000 min
 Lab File: BF139183.D
 Acq: 27 Aug 2024 13:16

Tgt Ion:112 Resp: 363512
 Ion Ratio Lower Upper
 112 100
 64 66.4 55.5 83.3
 63 36.8 29.8 44.6



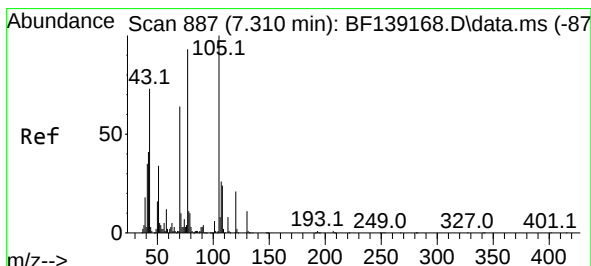
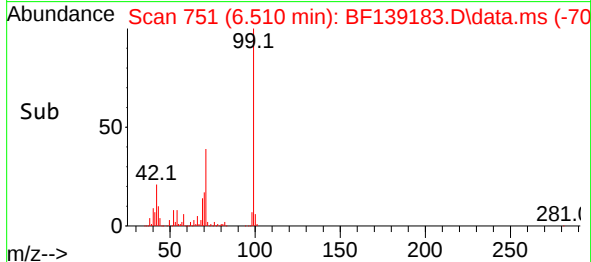
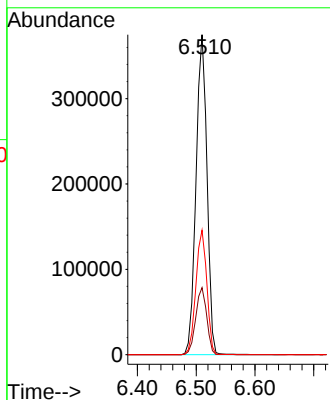
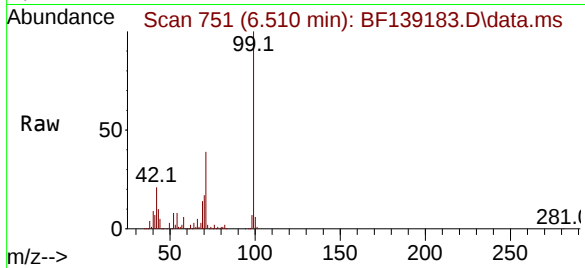


#7
Phenol-d6
Concen: 79.266 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 485344

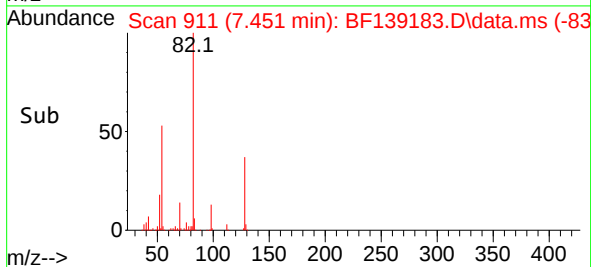
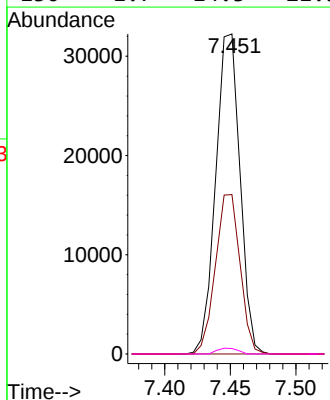
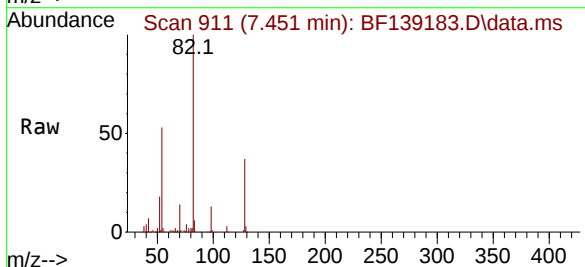
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.9	26.9
71	38.9	31.7	47.5

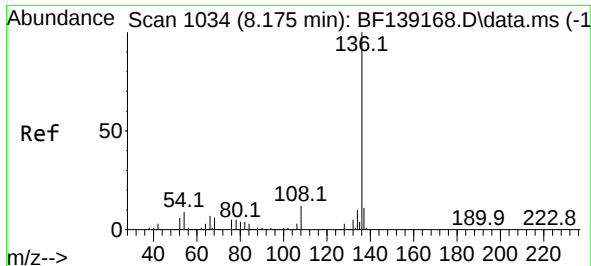


#19
n-Nitroso-di-n-propylamine
Concen: 11.346 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

Tgt Ion: 70 Resp: 41552

Ion	Ratio	Lower	Upper
70	100		
42	49.8	50.8	76.2#
101	0.0	7.4	11.0#
130	1.7	14.3	21.5#

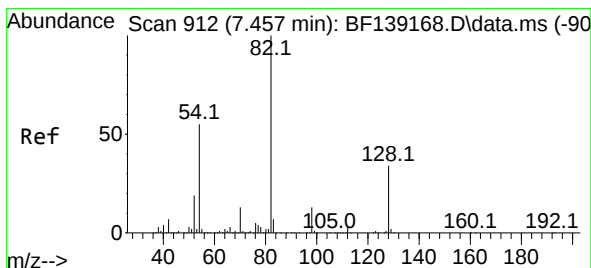
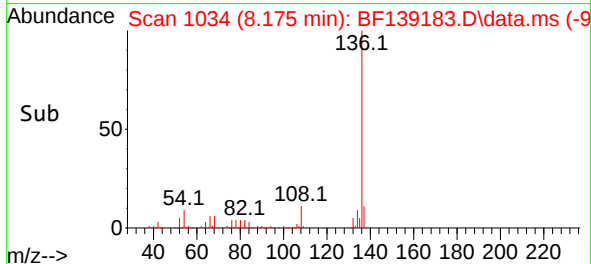
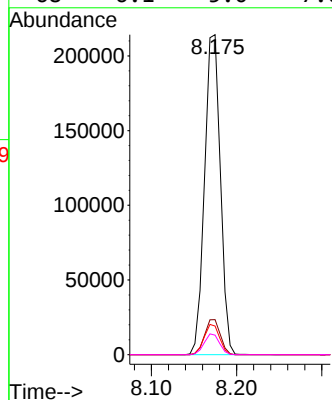
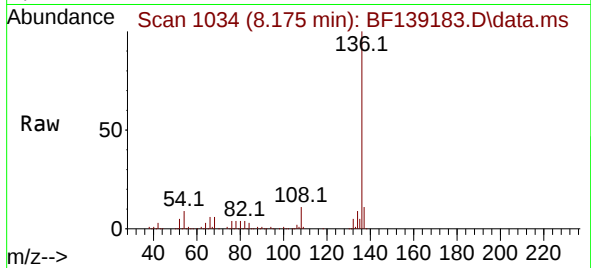




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

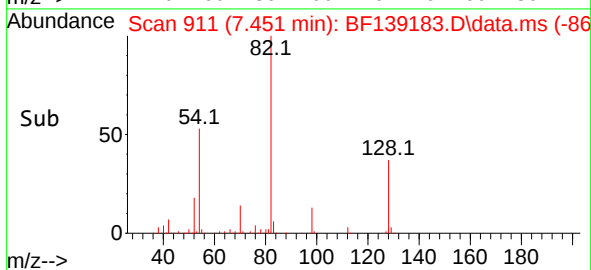
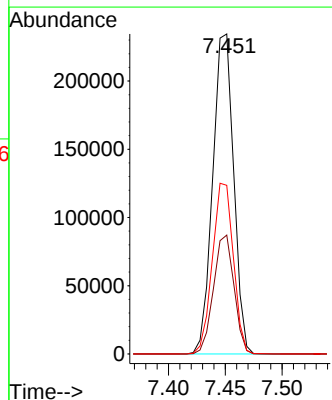
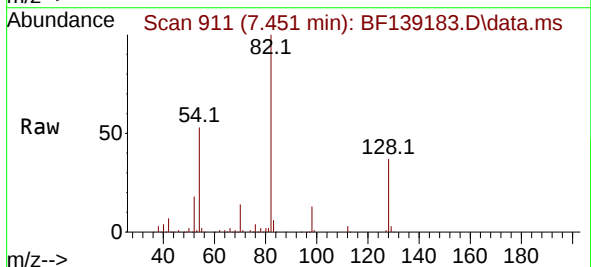
Instrument :
BNA_F
ClientSampleId :
TP-3

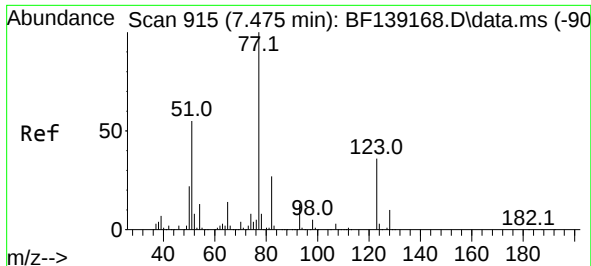
Tgt Ion:	136	Resp:	275847
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.9	7.6	11.4
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 60.481 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

Tgt Ion:	82	Resp:	301147
Ion	Ratio	Lower	Upper
82	100		
128	37.1	27.1	40.7
54	52.7	44.2	66.4

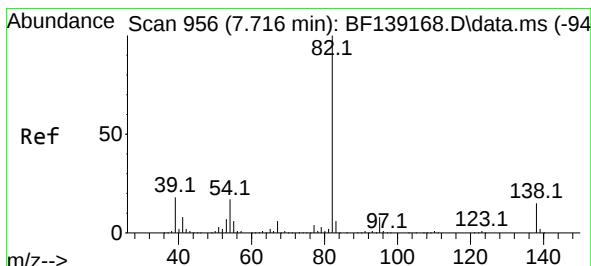
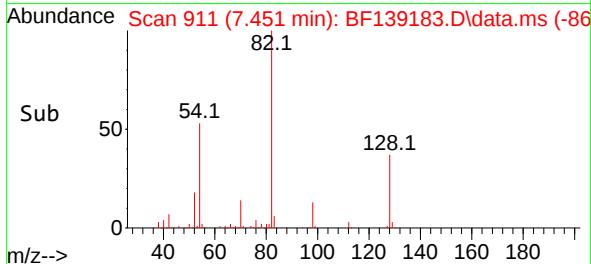
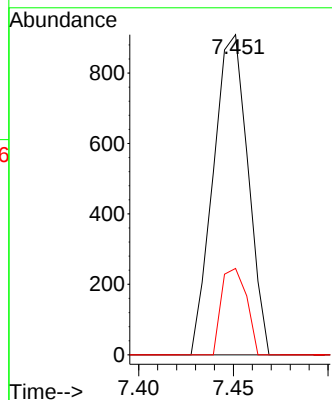
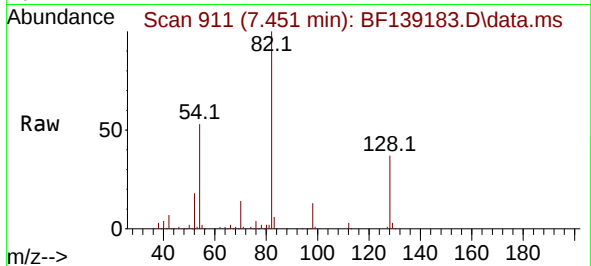




#24
Nitrobenzene
Concen: 3.441 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

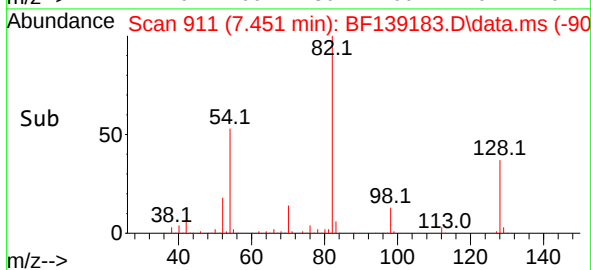
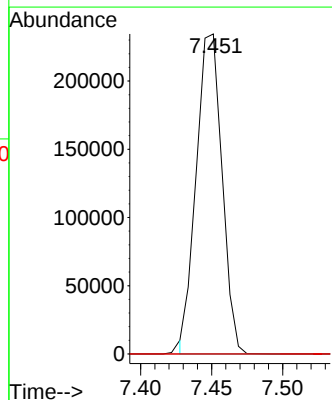
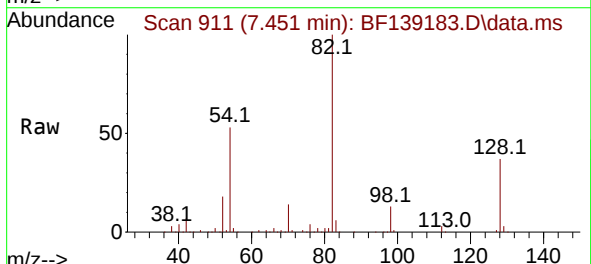
Instrument :
BNA_F
ClientSampleId :
TP-3

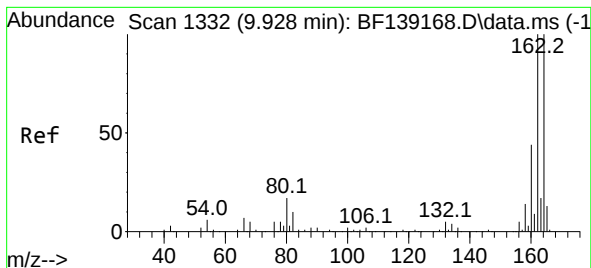
Tgt Ion: 77 Resp: 1158
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 27.0 10.9 16.3#



#25
Isophorone
Concen: 30.183 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

Tgt Ion: 82 Resp: 297197
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# 1

Delta R.T. -0.006 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

TP-3

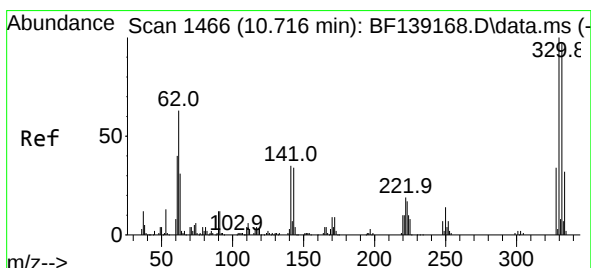
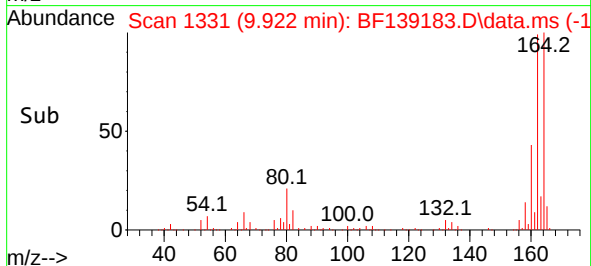
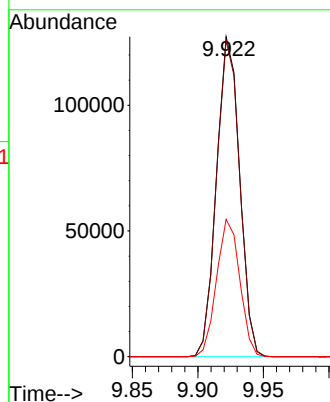
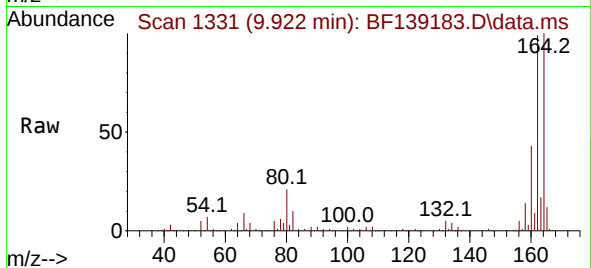
Tgt Ion:164 Resp: 156467

Ion Ratio Lower Upper

164 100

162 98.8 80.0 120.0

160 42.9 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 83.854 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

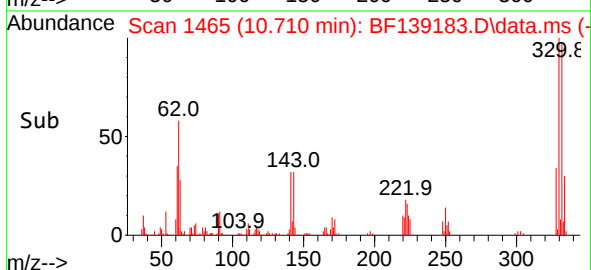
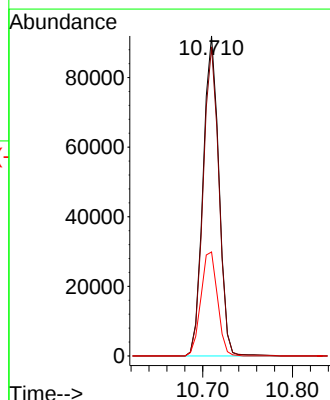
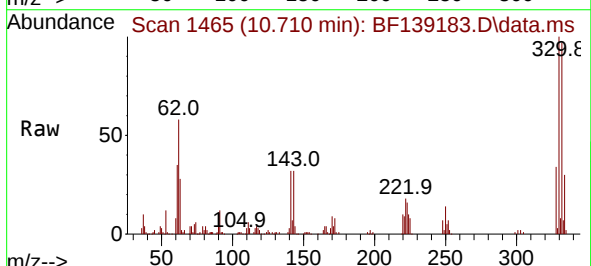
Tgt Ion:330 Resp: 112370

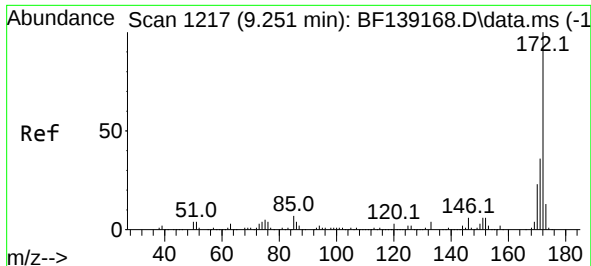
Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 34.1 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 54.070 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

TP-3

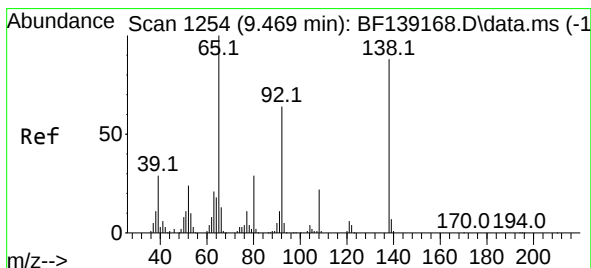
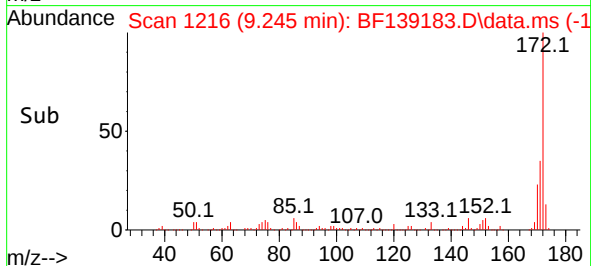
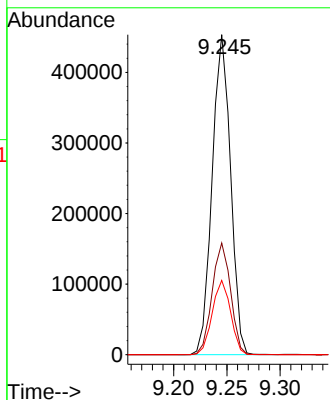
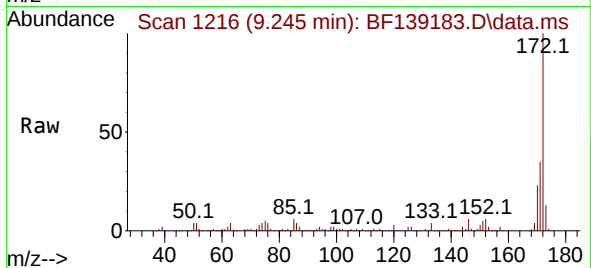
Tgt Ion:172 Resp: 544639

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.2 18.8 28.2



#48

2-Nitroaniline

Concen: 6.117 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.224 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

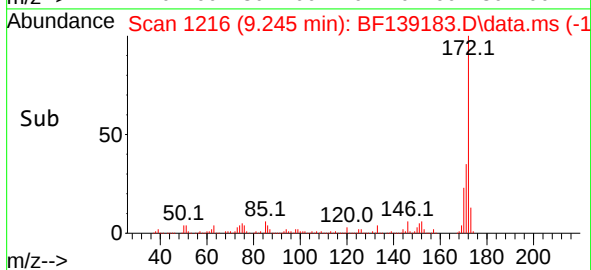
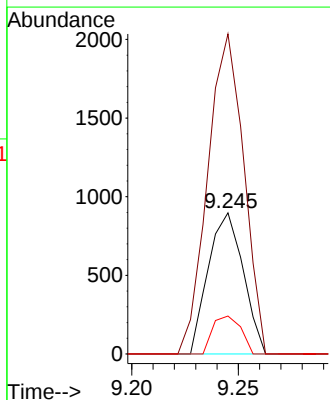
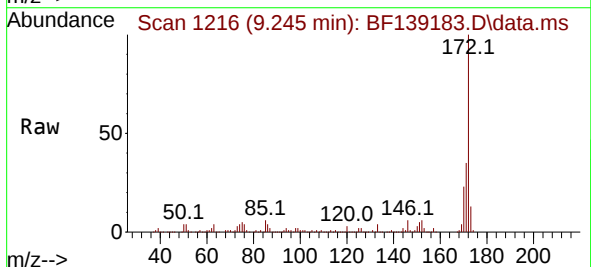
Tgt Ion: 65 Resp: 1023

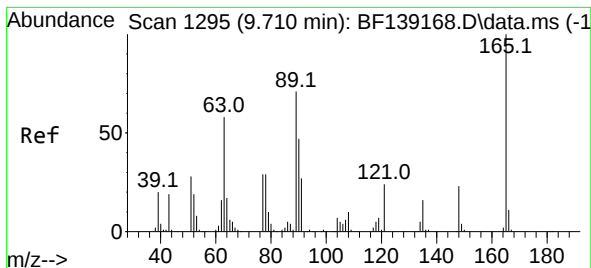
Ion Ratio Lower Upper

65 100

92 226.6 51.2 76.8#

138 26.8 70.0 105.0#





#51

2,6-Dinitrotoluene

Concen: 13.862 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

TP-3

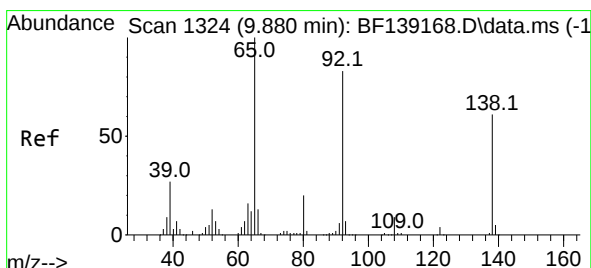
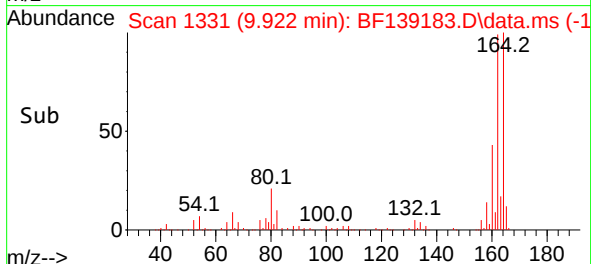
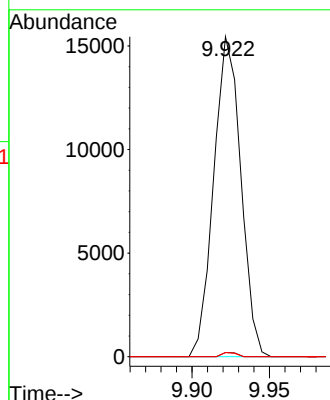
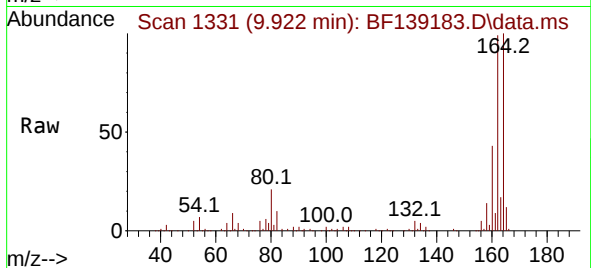
Tgt Ion:165 Resp: 18801

Ion Ratio Lower Upper

165 100

63 1.3 60.1 90.1#

89 1.3 57.0 85.6#



#53

3-Nitroaniline

Concen: 4.462 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.142 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

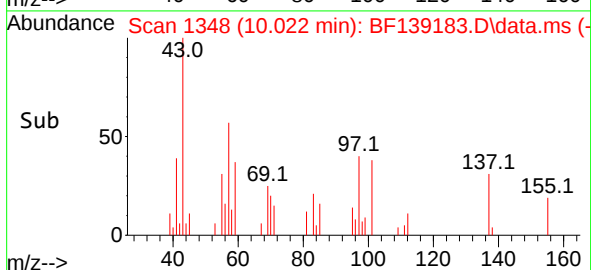
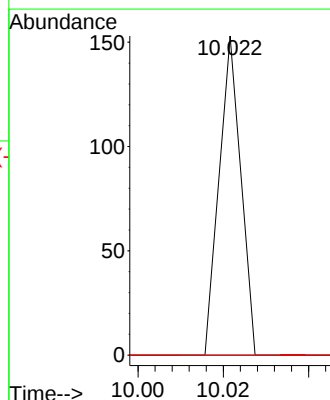
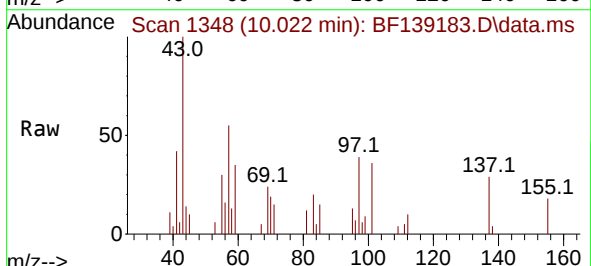
Tgt Ion:138 Resp: 54

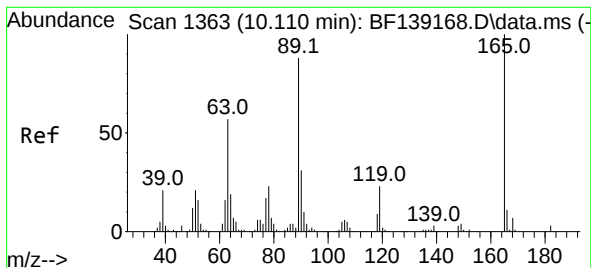
Ion Ratio Lower Upper

138 100

108 0.0 11.8 17.6#

92 0.0 108.2 162.2#





#57

2,4-Dinitrotoluene

Concen: 12.645 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.188 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

TP-3

Tgt Ion:165 Resp: 18801

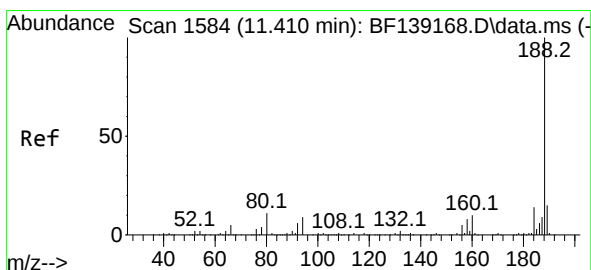
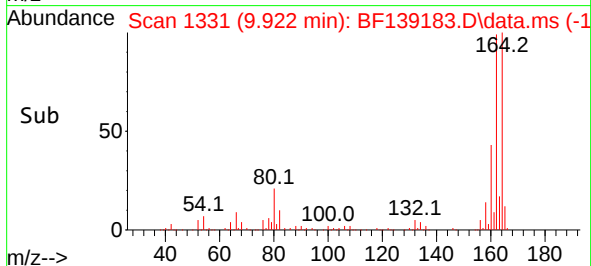
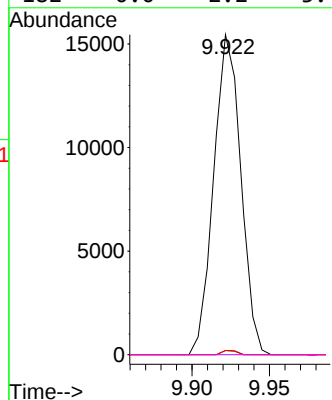
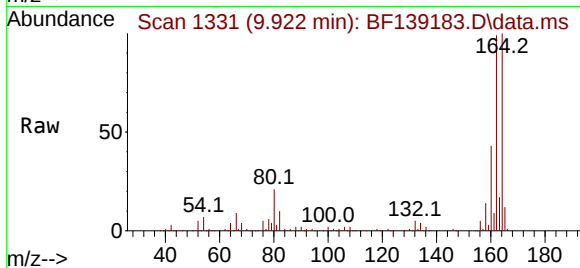
Ion Ratio Lower Upper

165 100

63 1.3 46.2 69.2#

89 1.3 70.2 105.4#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

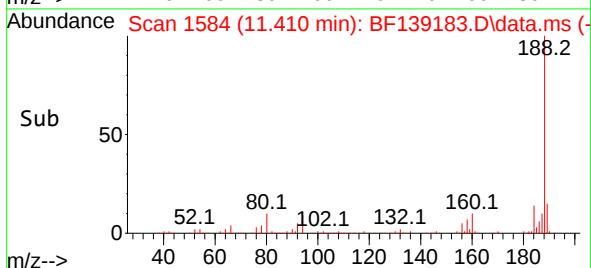
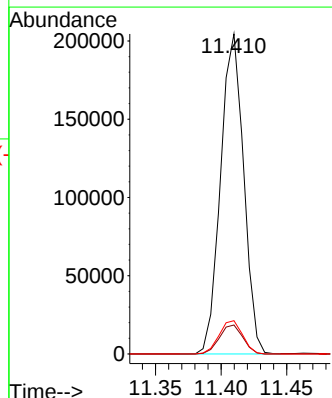
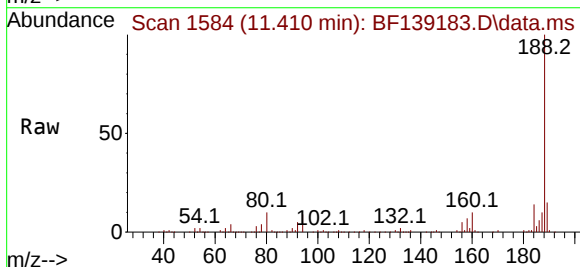
Tgt Ion:188 Resp: 250159

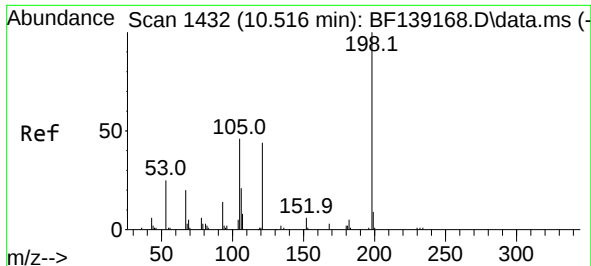
Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.4 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 7.142 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

TP-3

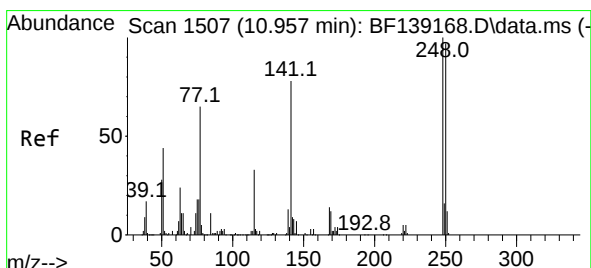
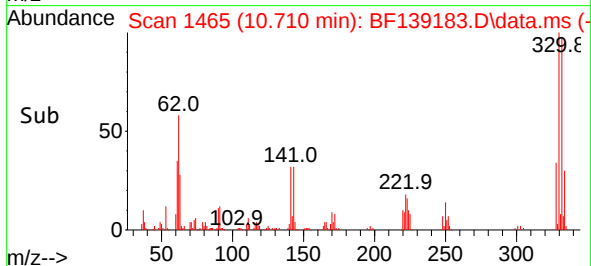
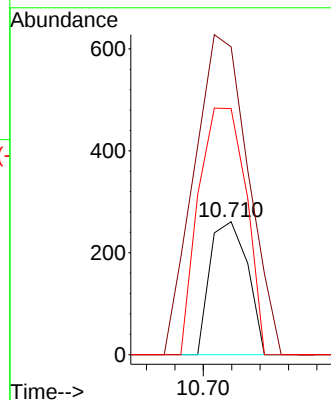
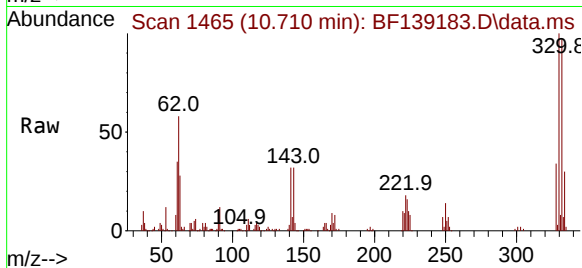
Tgt Ion:198 Resp: 240

Ion Ratio Lower Upper

198 100

51 231.4 39.2 79.2#

105 185.1 29.3 69.3#



#67

4-Bromophenyl-phenylether

Concen: 3.073 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

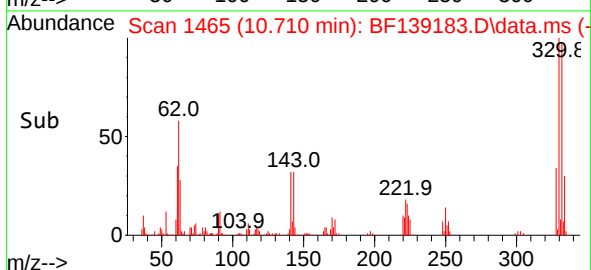
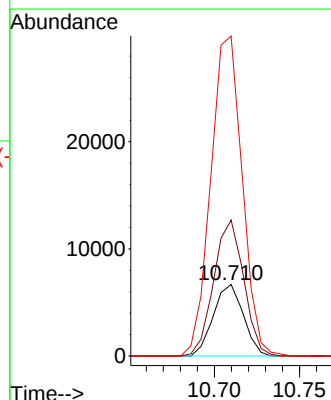
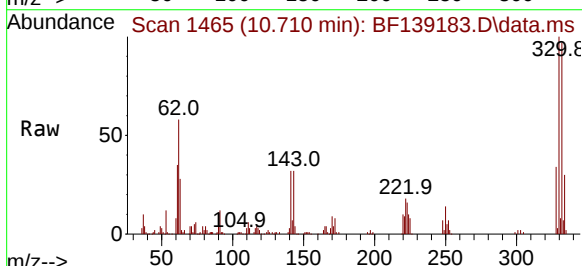
Tgt Ion:248 Resp: 8168

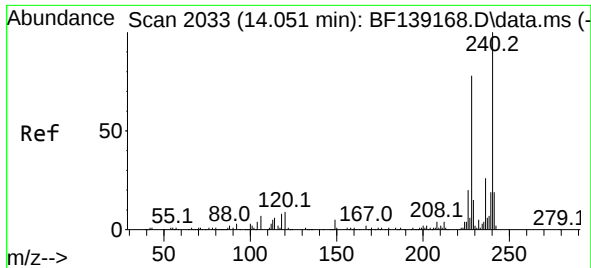
Ion Ratio Lower Upper

248 100

250 190.0 78.0 117.0#

141 447.6 62.6 94.0#

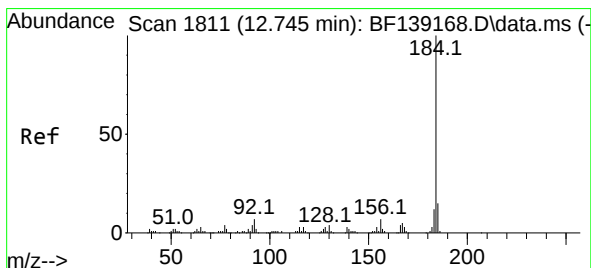
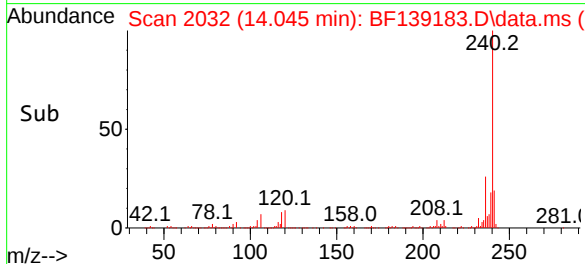
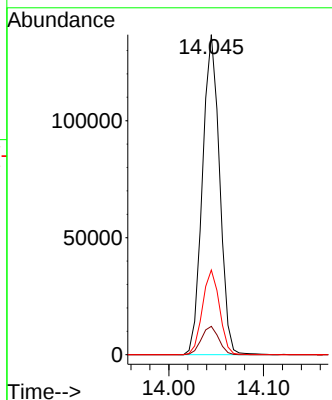
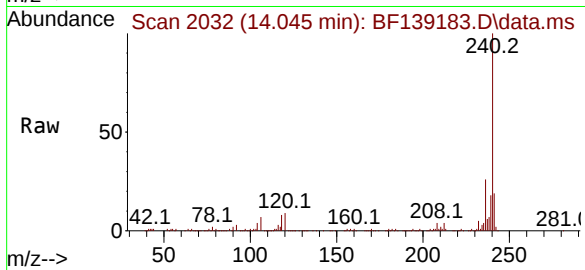




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

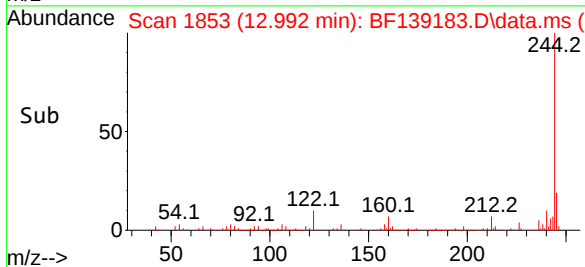
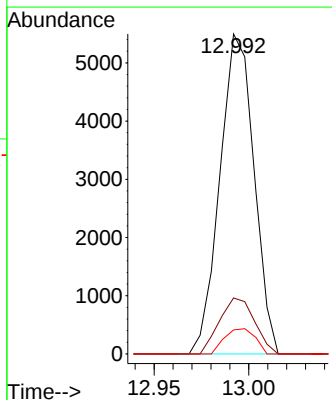
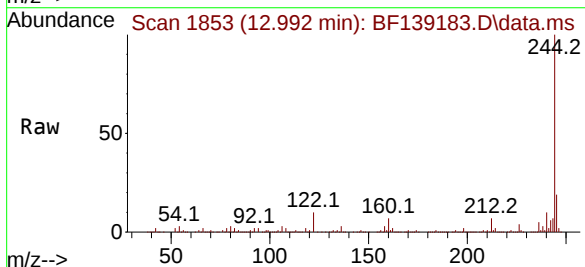
Instrument :
BNA_F
ClientSampleId :
TP-3

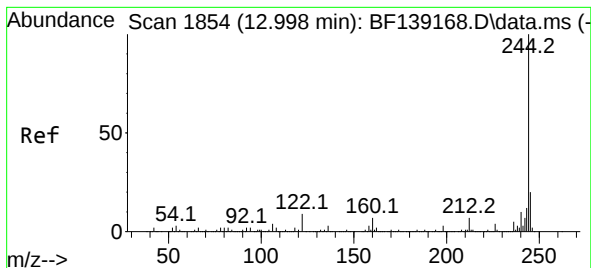
Tgt Ion:240 Resp: 171559
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 26.5 20.9 31.3



#77
Benzidine
Concen: 2.380 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

Tgt Ion:184 Resp: 6890
Ion Ratio Lower Upper
184 100
185 17.5 12.1 18.1
183 7.5 9.4 14.0#





#79

Terphenyl-d14

Concen: 46.263 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

TP-3

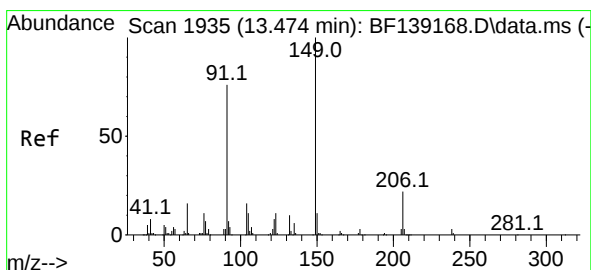
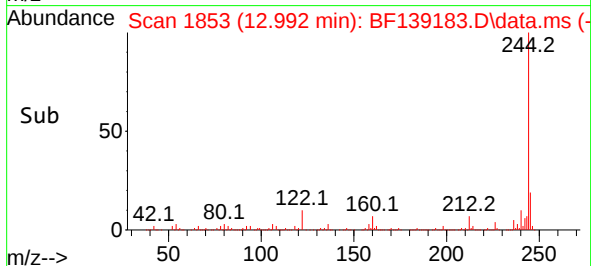
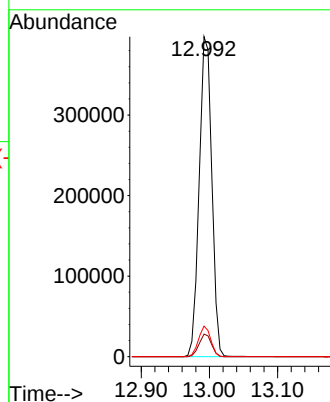
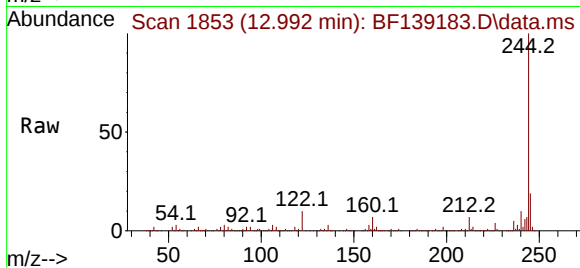
Tgt Ion:244 Resp: 508660

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.5 7.6 11.4



#80

Butylbenzylphthalate

Concen: 4.510 ng

RT: 13.468 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF139183.D

Acq: 27 Aug 2024 13:16

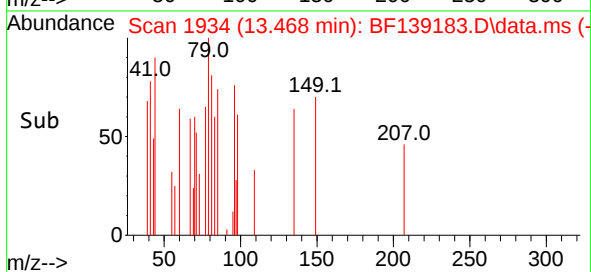
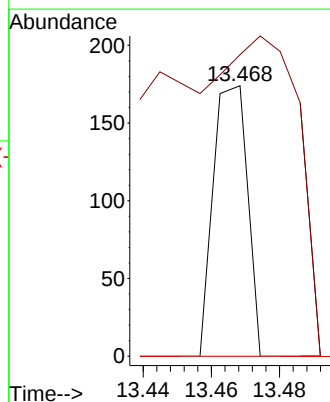
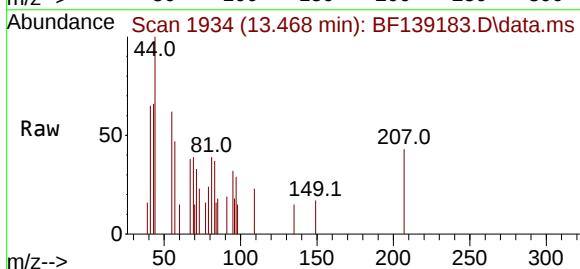
Tgt Ion:149 Resp: 121

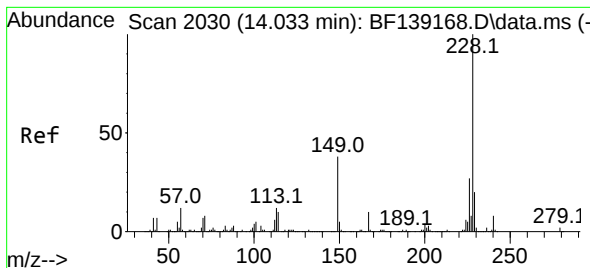
Ion Ratio Lower Upper

149 100

91 111.5 60.9 91.3#

206 0.0 17.7 26.5#

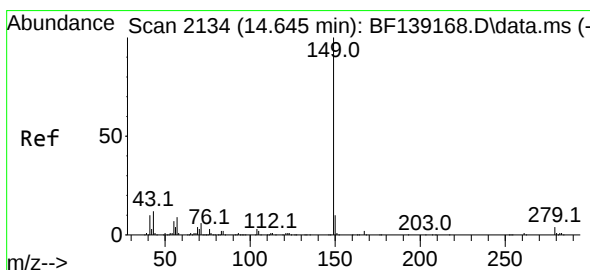
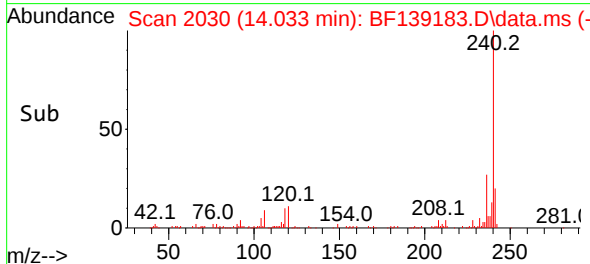
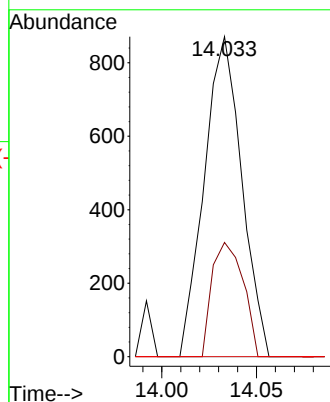
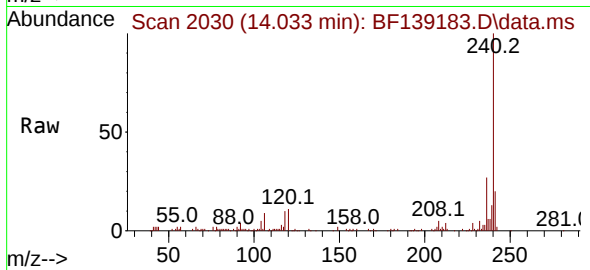




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.524 ng
 RT: 14.033 min Scan# 2030
 Delta R.T. 0.000 min
 Lab File: BF139183.D
 Acq: 27 Aug 2024 13:16

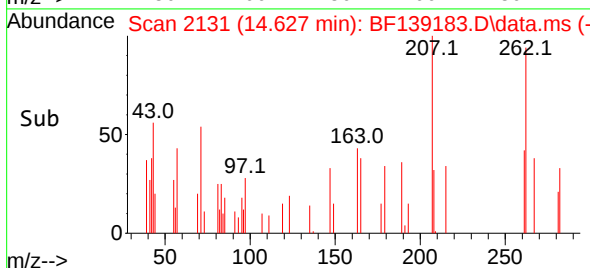
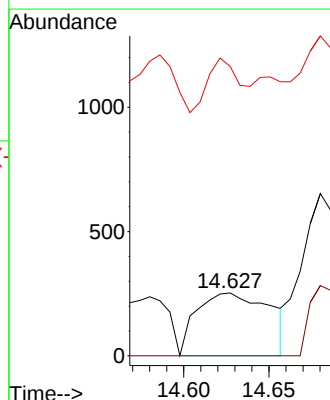
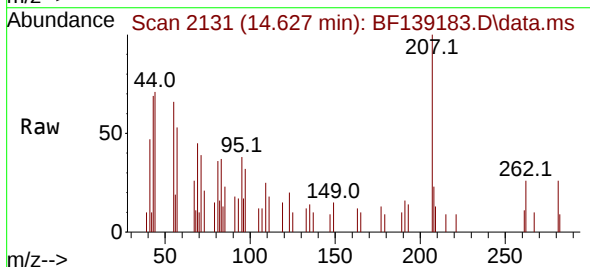
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

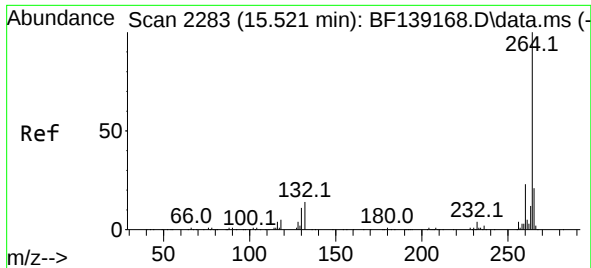
Tgt Ion:149 Resp: 1199
 Ion Ratio Lower Upper
 149 100
 167 35.7 21.3 31.9#
 279 0.0 3.4 5.0#



#85
 Di-n-octyl phthalate
 Concen: 9.033 ng
 RT: 14.627 min Scan# 2131
 Delta R.T. -0.018 min
 Lab File: BF139183.D
 Acq: 27 Aug 2024 13:16

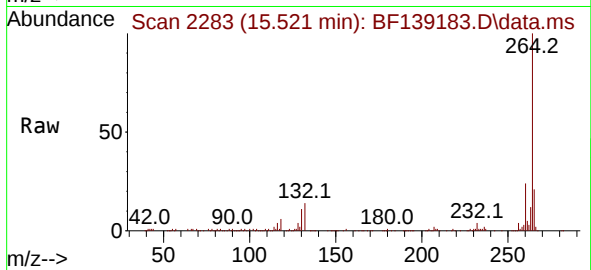
Tgt Ion:149 Resp: 753
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 38.2 9.9 14.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139183.D
Acq: 27 Aug 2024 13:16

Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:264 Resp: 149859

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.3	17.0	25.6

