

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139182.D
 Acq On : 27 Aug 2024 12:46
 Operator : RC/JU
 Sample : P3717-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

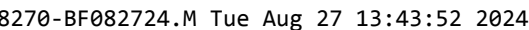
Quant Time: Aug 27 13:42:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

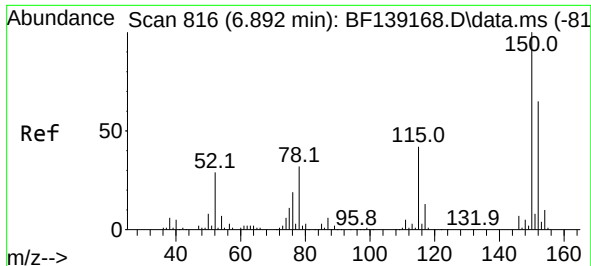
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	74805	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	274148	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	150955	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	248569	20.000	ng	0.00
76) Chrysene-d12	14.045	240	150281	20.000	ng	0.00
86) Perylene-d12	15.521	264	165328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	380797	85.539	ng	0.00
7) Phenol-d6	6.510	99	510978	83.635	ng	-0.01
23) Nitrobenzene-d5	7.445	82	314202	63.494	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	117538	90.913	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	563239	57.958	ng	0.00
79) Terphenyl-d14	12.992	244	530590	55.090	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	42378	11.597	ng	# 81
24) Nitrobenzene	7.451	77	924	3.405	ng	# 33
25) Isophorone	7.445	82	313626	32.049	ng	# 68
48) 2-Nitroaniline	9.357	65	1407	6.261	ng	# 30
51) 2,6-Dinitrotoluene	9.922	165	19299	14.416	ng	# 15
53) 3-Nitroaniline	10.022	138	126	4.497	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	19299	13.075	ng	# 16
62) 4-Nitroaniline	10.575	138	319	3.063	ng	# 49
65) 4,6-Dinitro-2-methylph...	10.704	198	341	7.264	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	8145	3.084	ng	# 1
77) Benzidine	12.992	184	7695	3.034	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.033	149	4329	4.740	ng	# 93
85) Di-n-octyl phthalate	14.680	149	4084	9.452	ng	# 67

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
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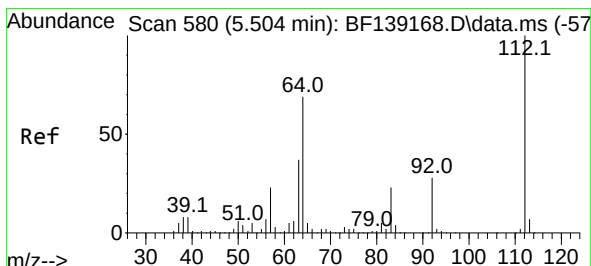
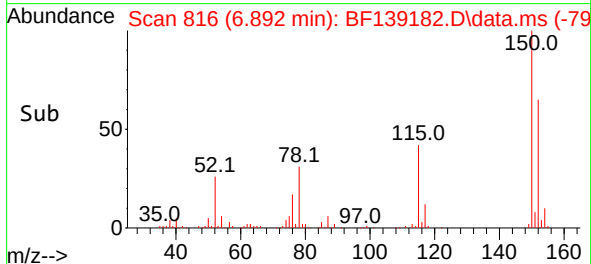
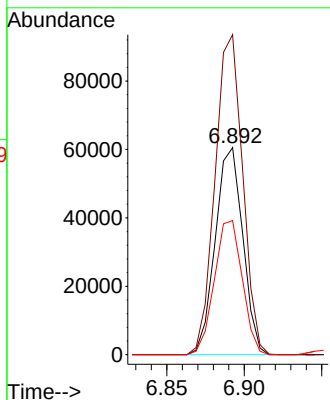
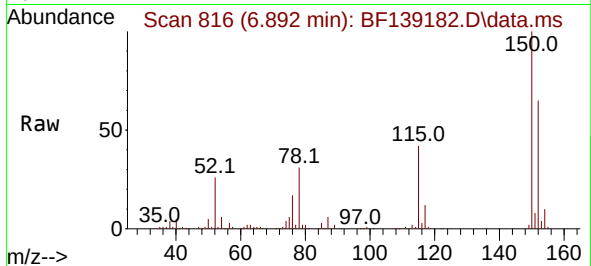




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

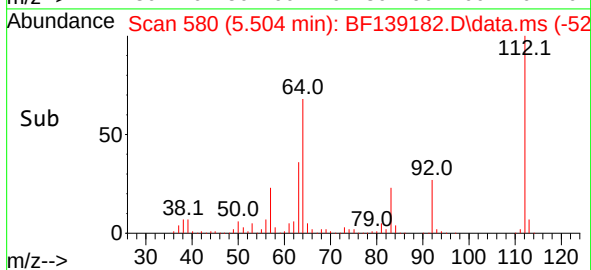
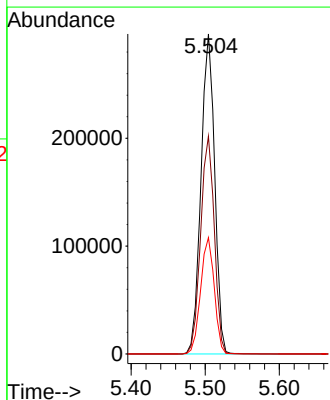
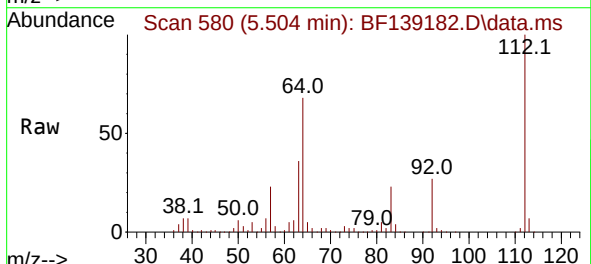
Instrument :
BNA_F
ClientSampleId :
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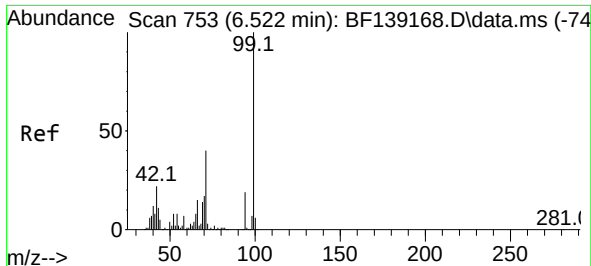
Tgt Ion:152 Resp: 74805
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 64.8 51.8 77.8



#5
2-Fluorophenol
Concen: 85.539 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

Tgt Ion:112 Resp: 380797
Ion Ratio Lower Upper
112 100
64 68.1 55.5 83.3
63 36.4 29.8 44.6

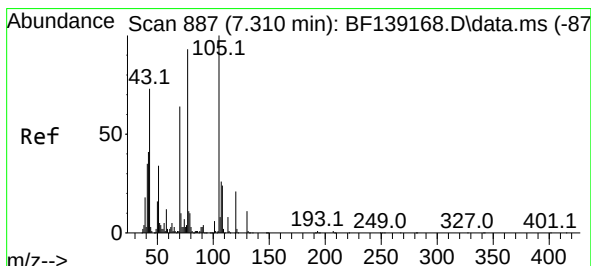
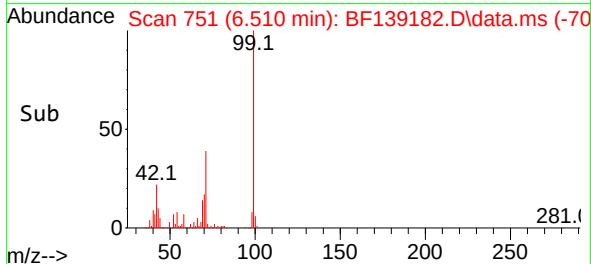
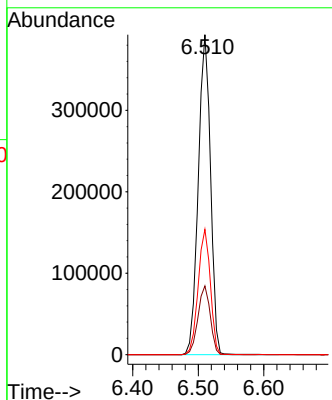
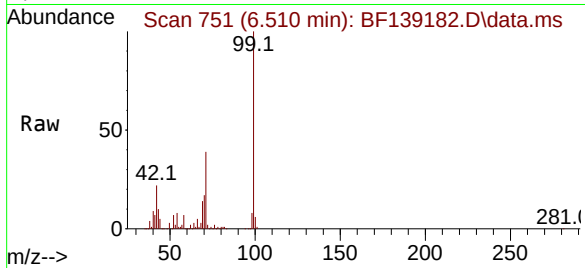




#7
Phenol-d6
Concen: 83.635 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

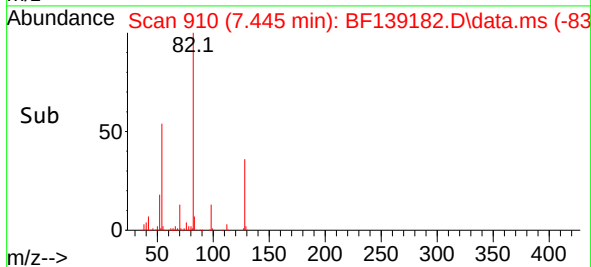
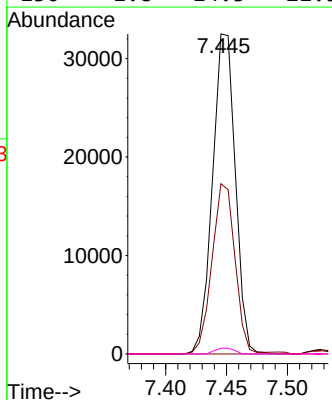
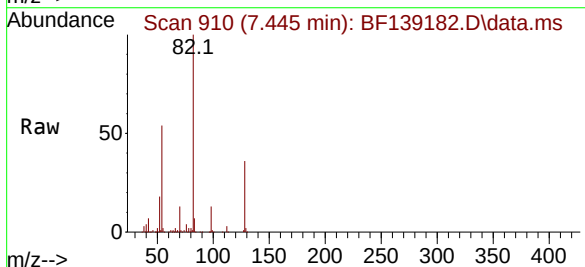
Instrument :
BNA_F
ClientSampleId :
TP-2

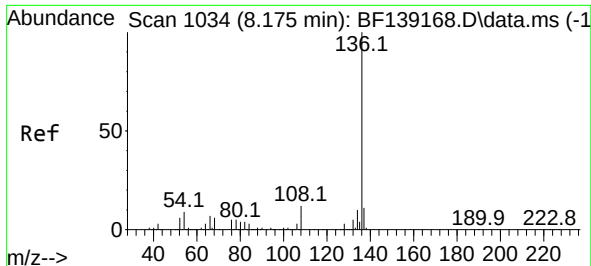
Tgt Ion: 99 Resp: 510978
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 39.1 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.597 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.135 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

Tgt Ion: 70 Resp: 42378
Ion Ratio Lower Upper
70 100
42 53.2 50.8 76.2
101 0.0 7.4 11.0#
130 1.8 14.3 21.5#

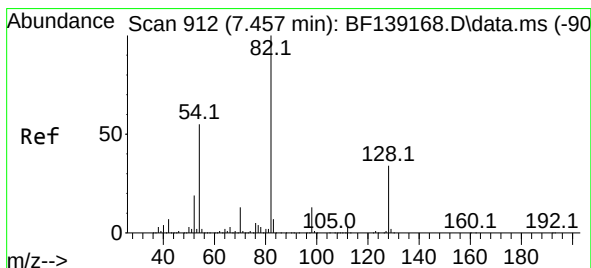
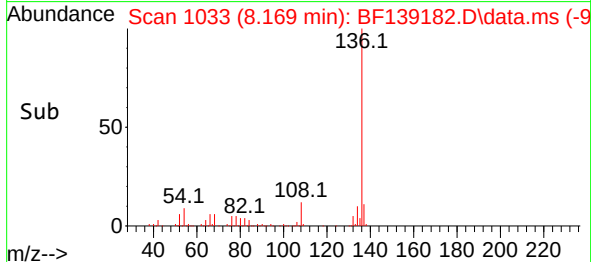
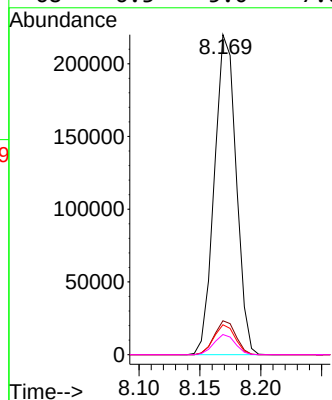
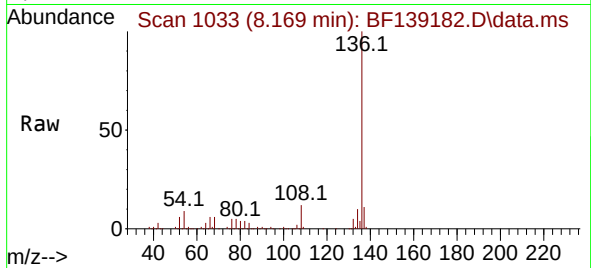




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

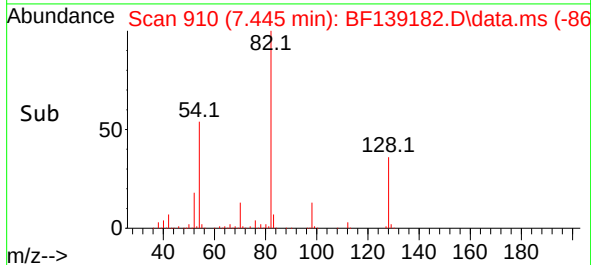
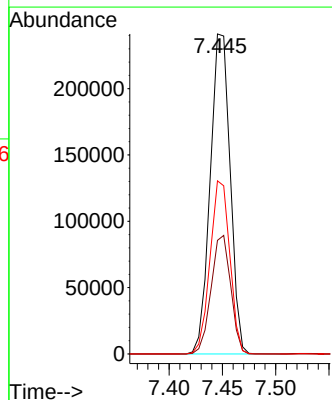
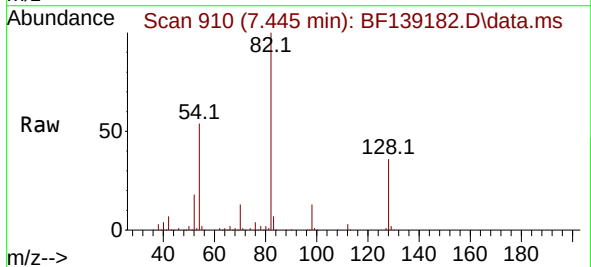
Instrument :
BNA_F
ClientSampleId :
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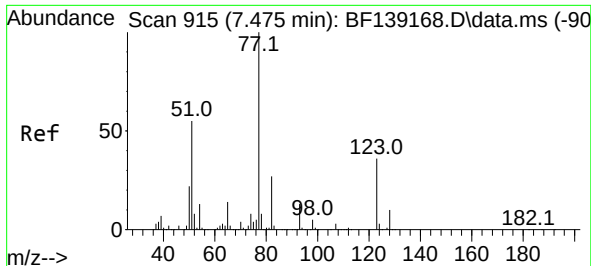
Tgt Ion:	136	Resp:	274148
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.3	7.6	11.4
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 63.494 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

Tgt Ion:	82	Resp:	314202
Ion	Ratio	Lower	Upper
82	100		
128	35.5	27.1	40.7
54	54.1	44.2	66.4

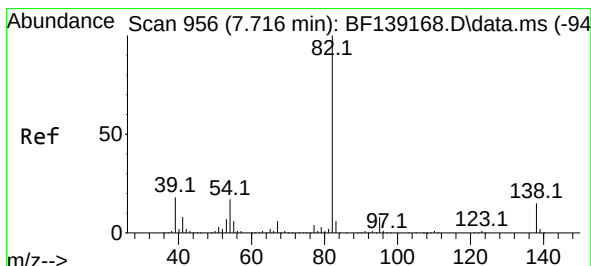
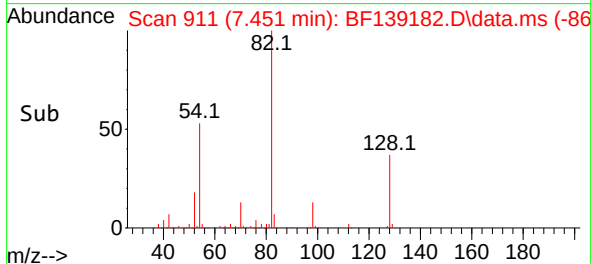
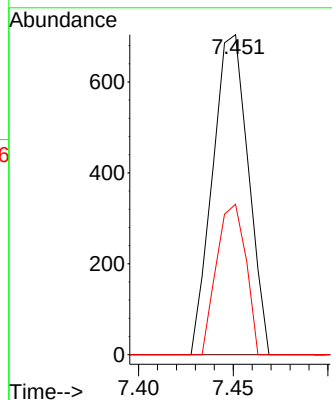
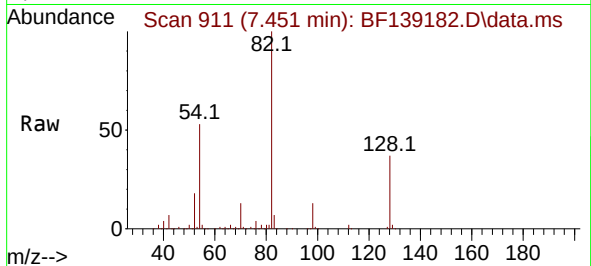




#24
Nitrobenzene
Concen: 3.405 ng
RT: 7.451 min Scan# 910
Delta R.T. -0.024 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

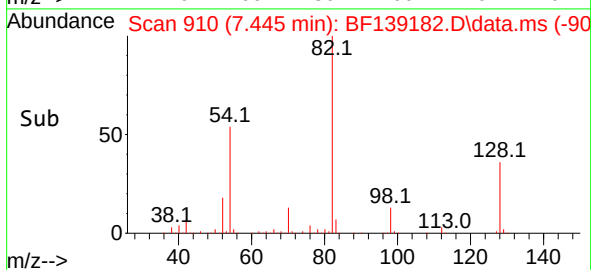
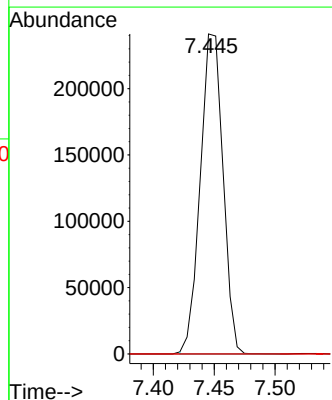
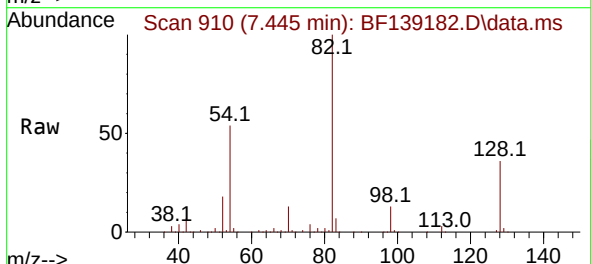
Instrument :
BNA_F
ClientSampleId :
TP-2

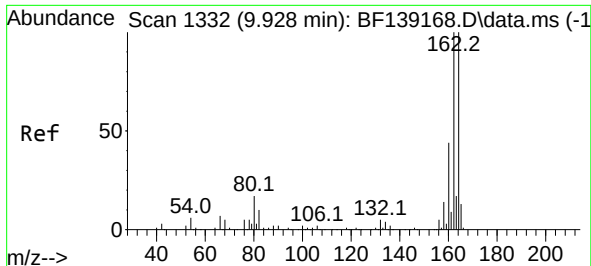
Tgt Ion: 77 Resp: 924
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 47.0 10.9 16.3#



#25
Isophorone
Concen: 32.049 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.271 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

Tgt Ion: 82 Resp: 313626
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: BF139182.D

Acq: 27 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TP-2

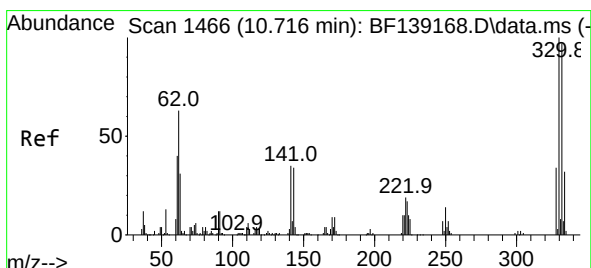
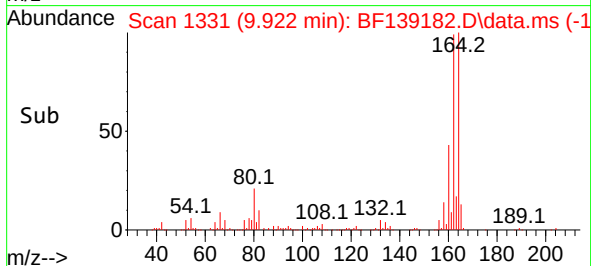
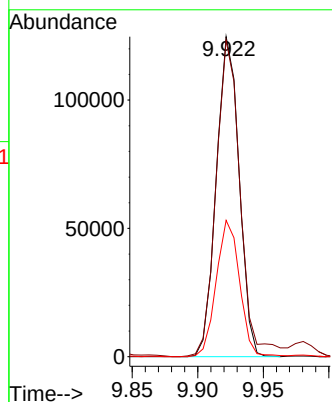
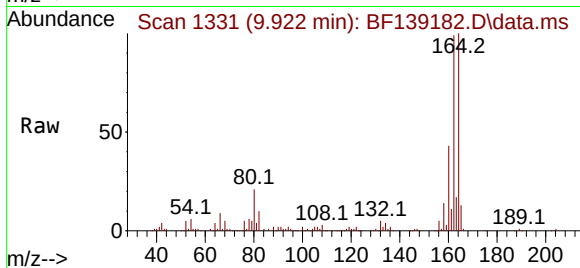
Tgt Ion:164 Resp: 150955

Ion Ratio Lower Upper

164 100

162 98.9 80.0 120.0

160 42.6 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 90.913 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139182.D

Acq: 27 Aug 2024 12:46

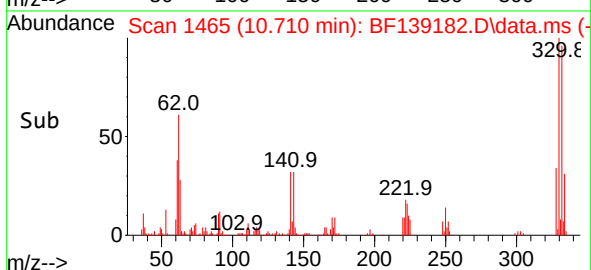
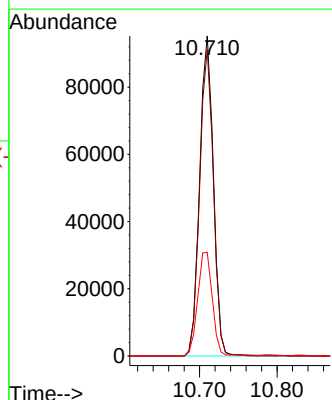
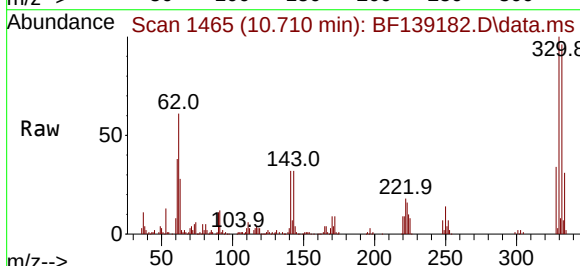
Tgt Ion:330 Resp: 117538

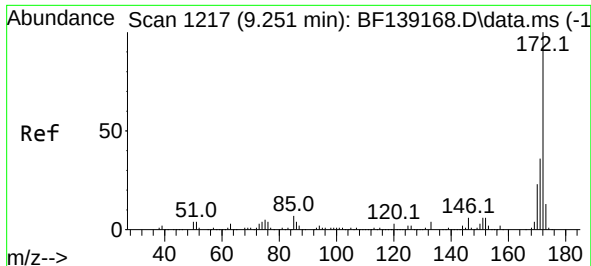
Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 34.5 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 57.958 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139182.D

Acq: 27 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

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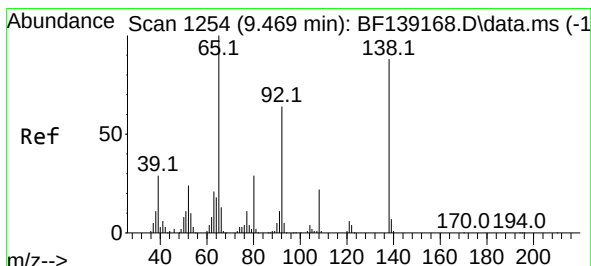
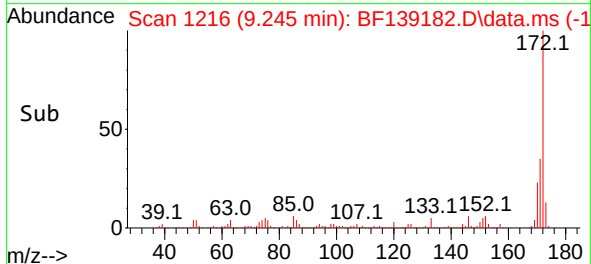
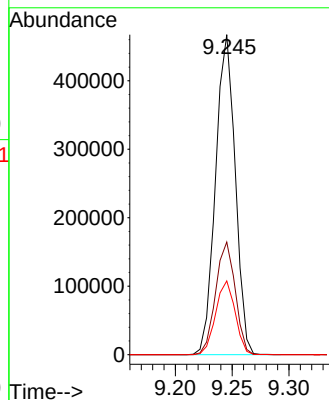
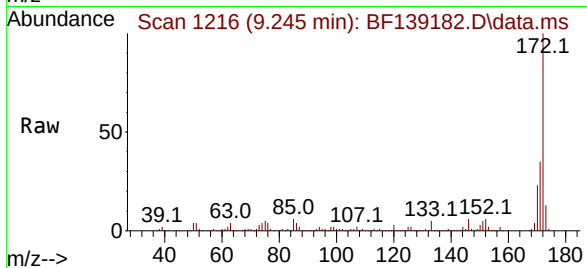
Tgt Ion:172 Resp: 563239

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.0 18.8 28.2



#48

2-Nitroaniline

Concen: 6.261 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.112 min

Lab File: BF139182.D

Acq: 27 Aug 2024 12:46

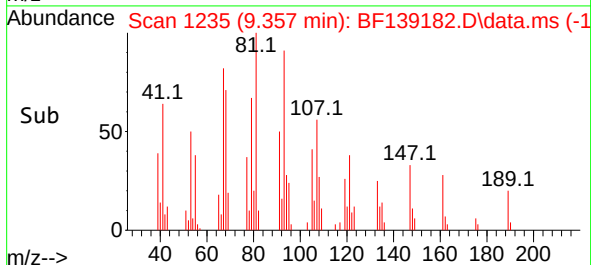
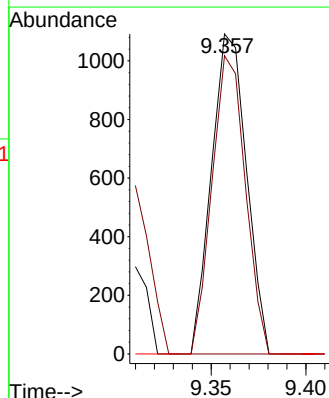
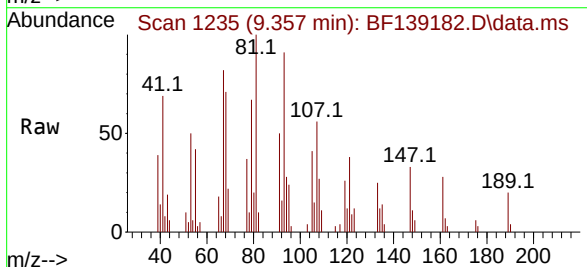
Tgt Ion: 65 Resp: 1407

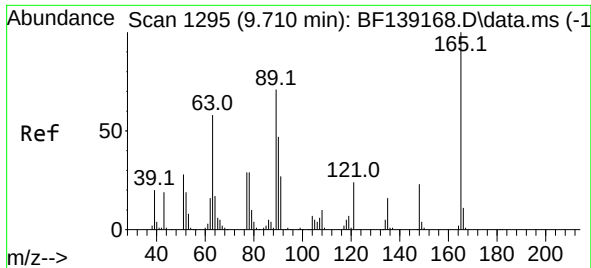
Ion Ratio Lower Upper

65 100

92 93.2 51.2 76.8#

138 0.0 70.0 105.0#

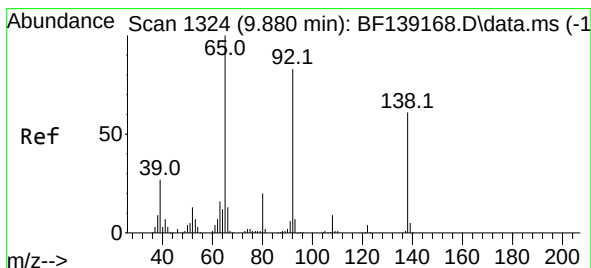
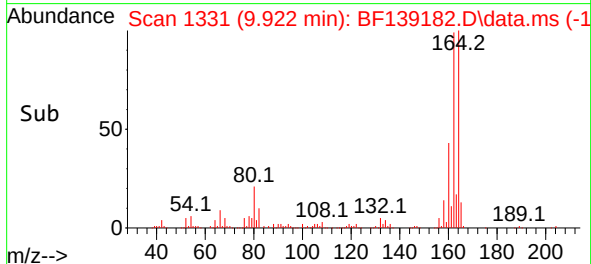
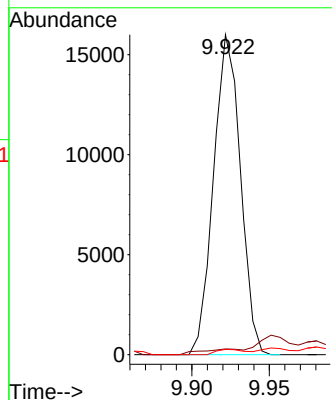
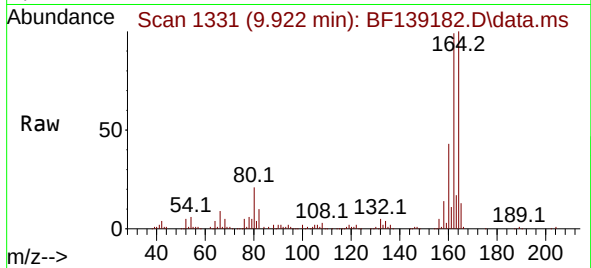




#51
2,6-Dinitrotoluene
Concen: 14.416 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

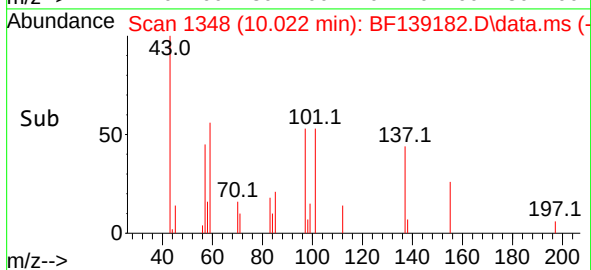
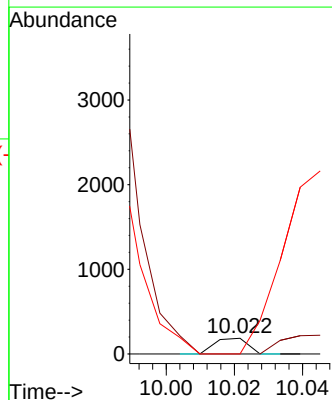
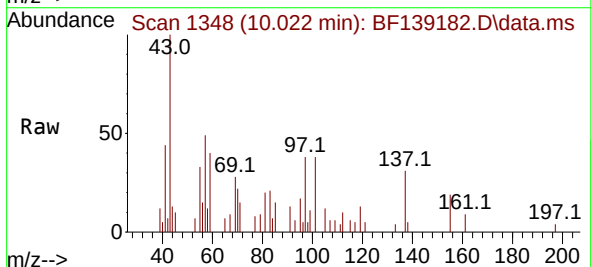
Instrument :
BNA_F
ClientSampleId :
TP-2

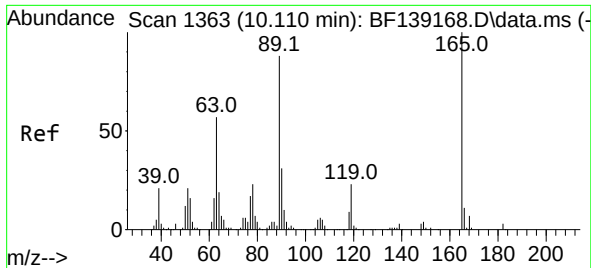
Tgt Ion:165 Resp: 19299
Ion Ratio Lower Upper
165 100
63 1.8 60.1 90.1#
89 1.7 57.0 85.6#



#53
3-Nitroaniline
Concen: 4.497 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.142 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

Tgt Ion:138 Resp: 126
Ion Ratio Lower Upper
138 100
108 0.0 11.8 17.6#
92 0.0 108.2 162.2#

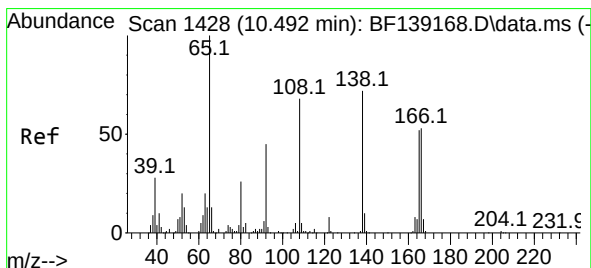
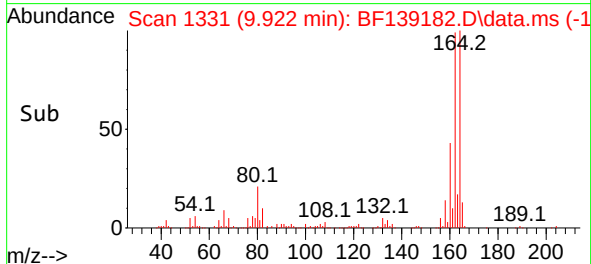
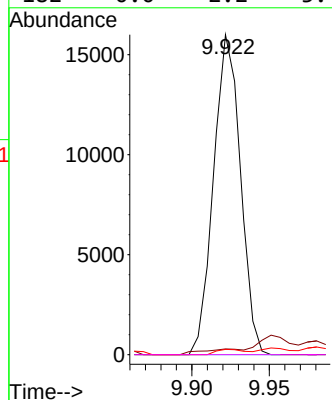
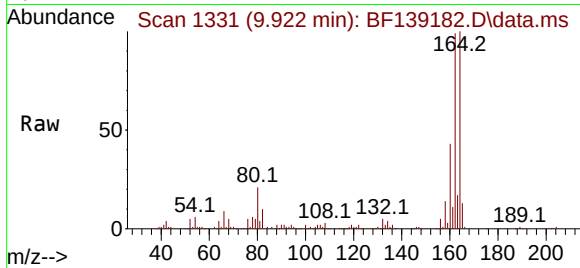




#57
2,4-Dinitrotoluene
Concen: 13.075 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

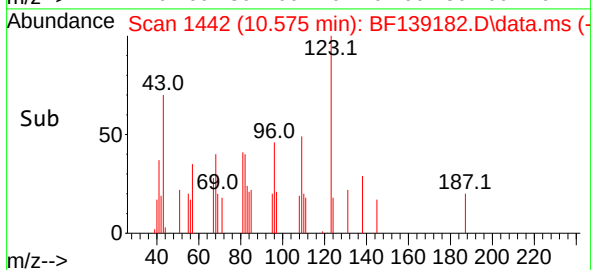
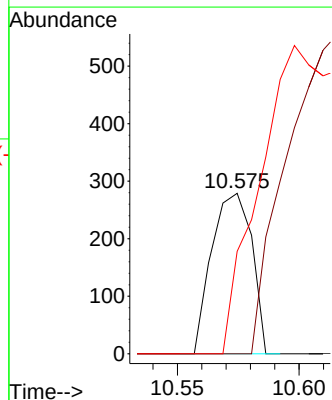
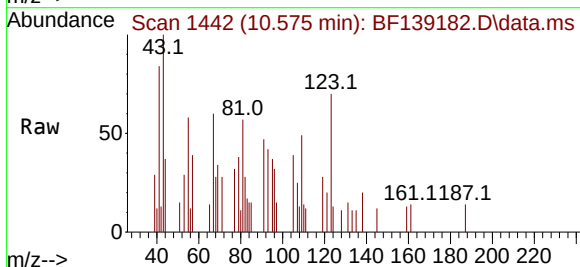
Instrument :
BNA_F
ClientSampleId :
TP-2

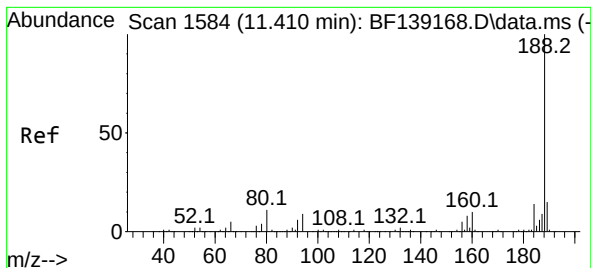
Tgt Ion:165 Resp: 19299
Ion Ratio Lower Upper
165 100
63 1.8 46.2 69.2#
89 1.7 70.2 105.4#
182 0.0 2.2 3.4#



#62
4-Nitroaniline
Concen: 3.063 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.083 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

Tgt Ion:138 Resp: 319
Ion Ratio Lower Upper
138 100
92 0.0 42.4 82.4#
108 63.8 74.0 114.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139182.D

Acq: 27 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TP-2

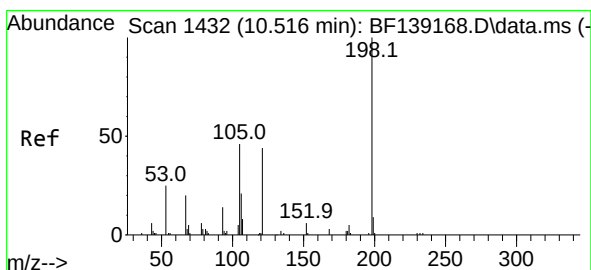
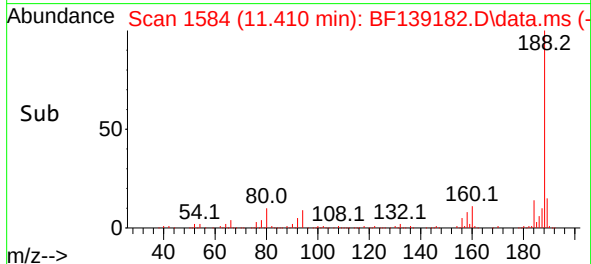
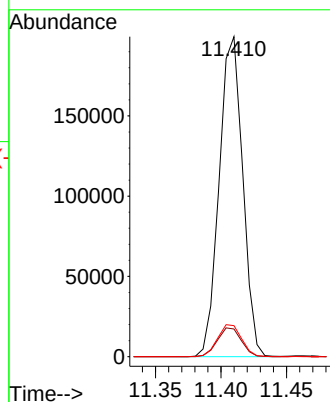
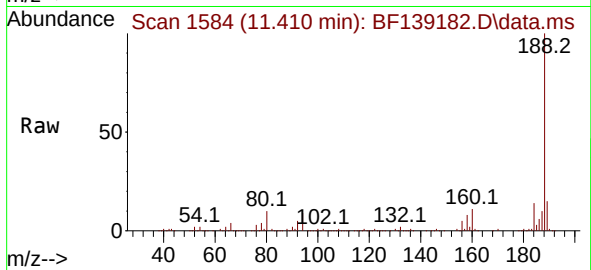
Tgt Ion:188 Resp: 248569

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.7 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.264 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.188 min

Lab File: BF139182.D

Acq: 27 Aug 2024 12:46

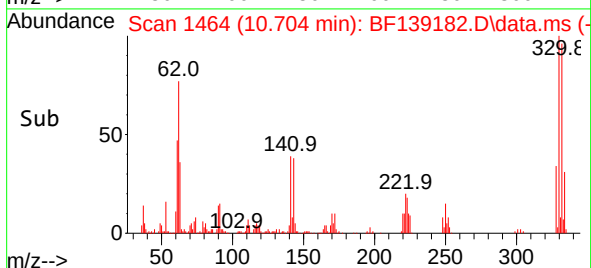
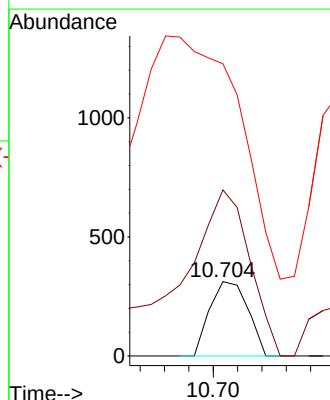
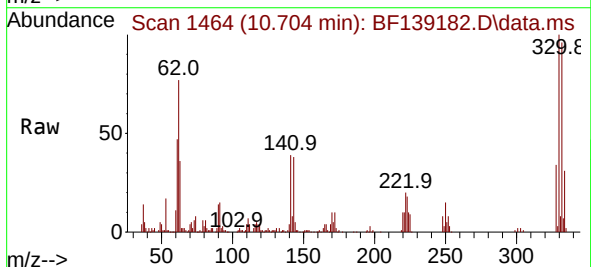
Tgt Ion:198 Resp: 341

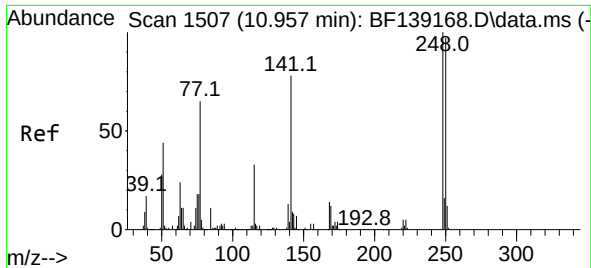
Ion Ratio Lower Upper

198 100

51 223.0 39.2 79.2#

105 392.0 29.3 69.3#

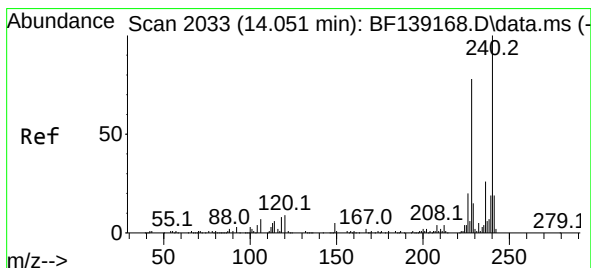
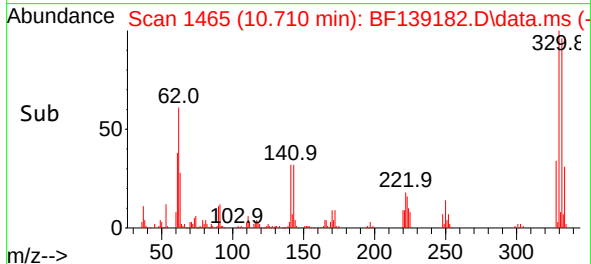
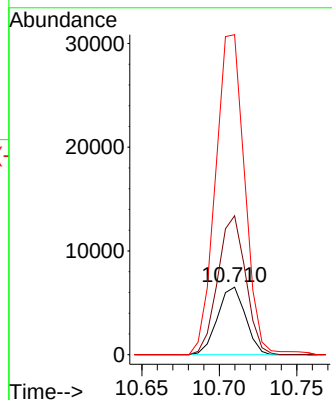
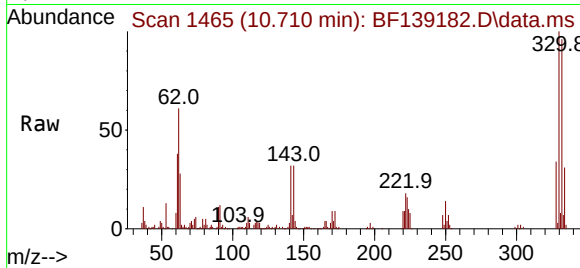




#67
4-Bromophenyl-phenylether
Concen: 3.084 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

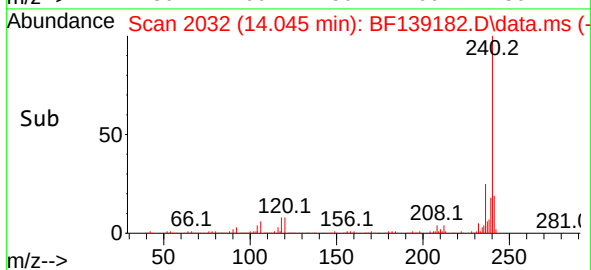
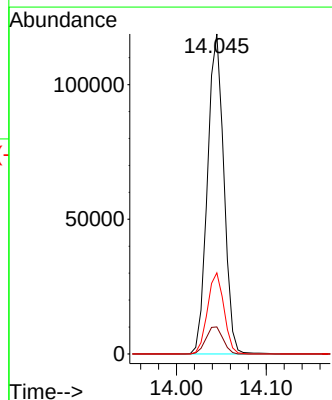
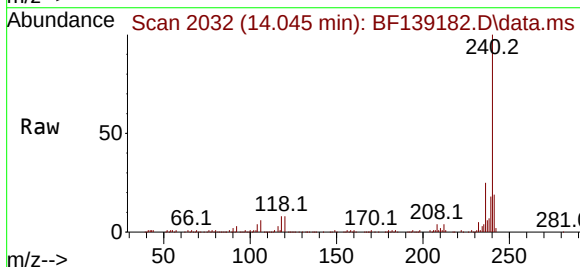
Instrument :
BNA_F
ClientSampleId :
TP-2

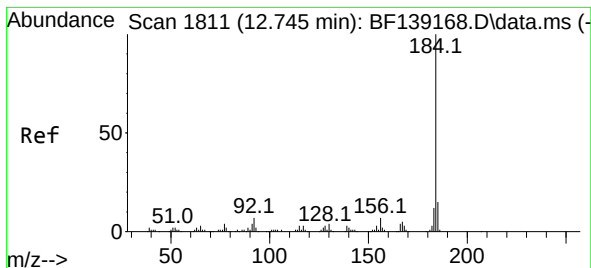
Tgt Ion:248 Resp: 8145
Ion Ratio Lower Upper
248 100
250 205.5 78.0 117.0#
141 473.3 62.6 94.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

Tgt Ion:240 Resp: 150281
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.4 20.9 31.3





#77

Benzidine

Concen: 3.034 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF139182.D

Acq: 27 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TP-2

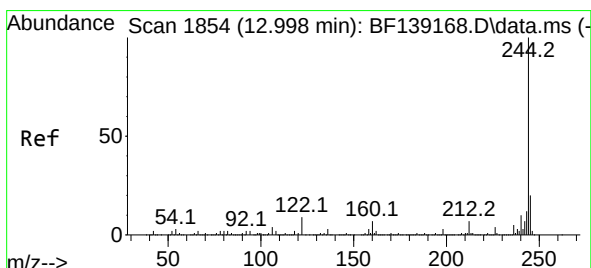
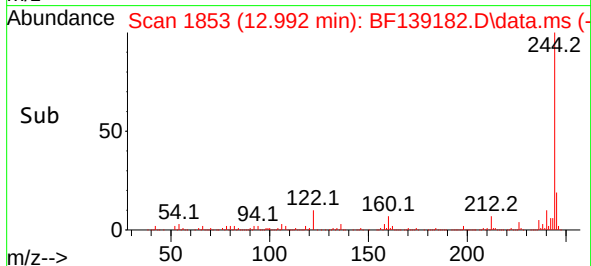
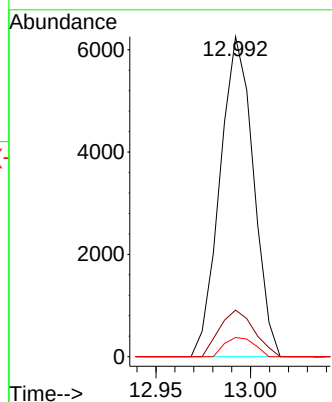
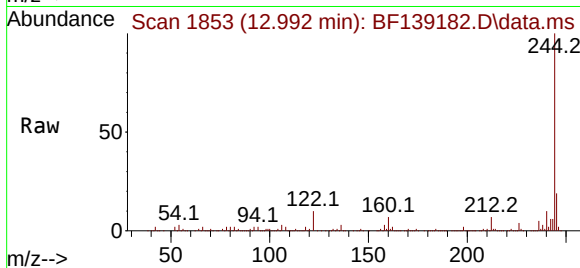
Tgt Ion:184 Resp: 7695

Ion Ratio Lower Upper

184 100

185 14.5 12.1 18.1

183 6.0 9.4 14.0#



#79

Terphenyl-d14

Concen: 55.090 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139182.D

Acq: 27 Aug 2024 12:46

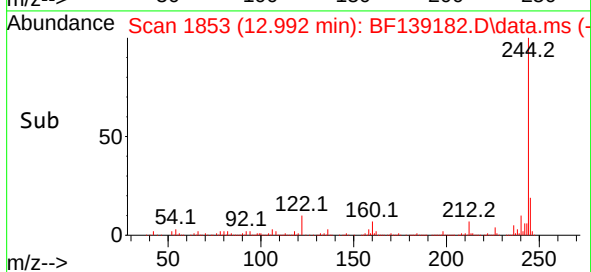
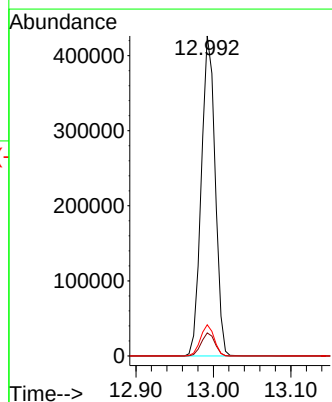
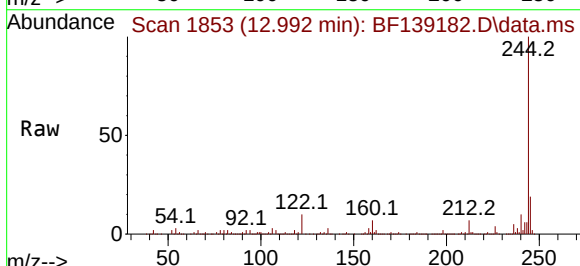
Tgt Ion:244 Resp: 530590

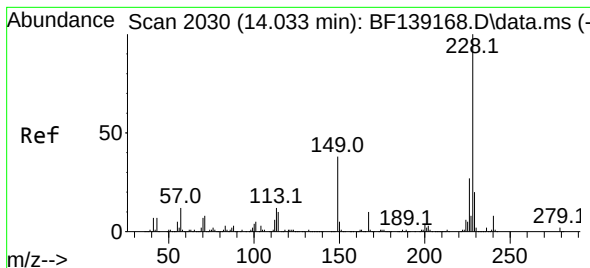
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.8 7.6 11.4

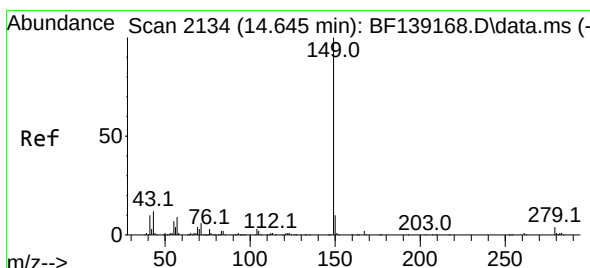
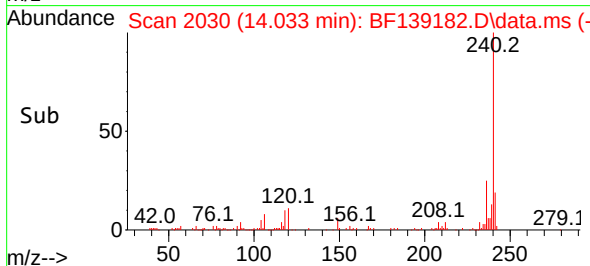
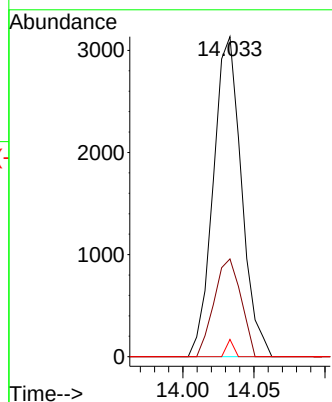
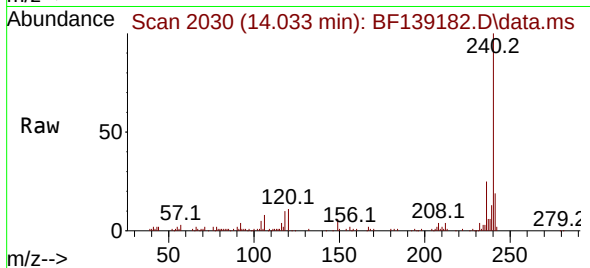




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.740 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

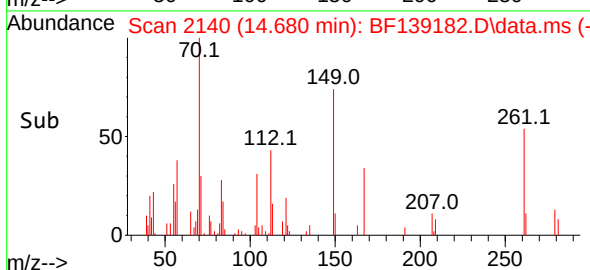
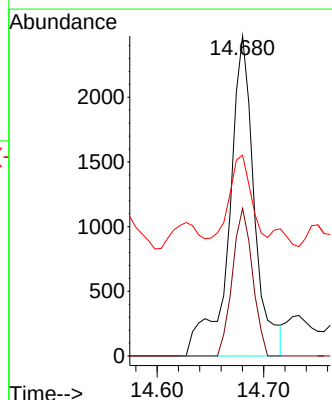
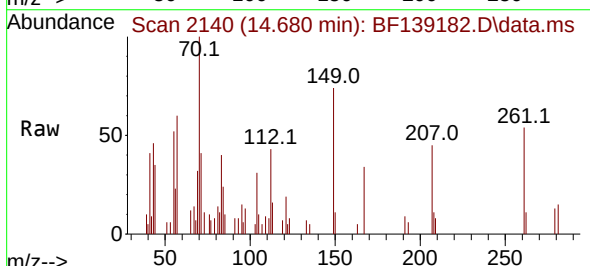
Instrument :
BNA_F
ClientSampleId :
TP-2

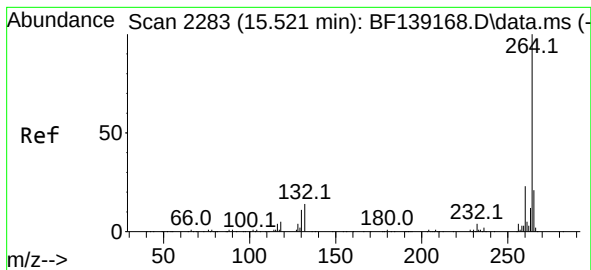
Tgt Ion:149 Resp: 4329
Ion Ratio Lower Upper
149 100
167 30.6 21.3 31.9
279 5.4 3.4 5.0#



#85
Di-n-octyl phthalate
Concen: 9.452 ng
RT: 14.680 min Scan# 2140
Delta R.T. 0.035 min
Lab File: BF139182.D
Acq: 27 Aug 2024 12:46

Tgt Ion:149 Resp: 4084
Ion Ratio Lower Upper
149 100
167 36.6 1.3 1.9#
43 22.4 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: BF139182.D

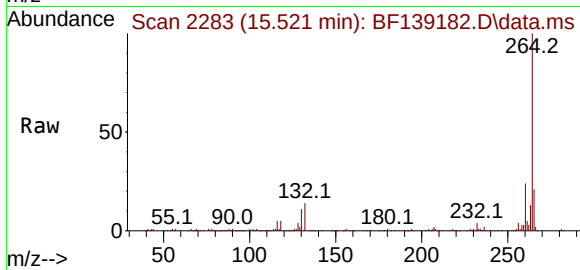
Acq: 27 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TP-2



Tgt Ion:264 Resp: 165328

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.1 17.0 25.6

