

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139181.D
 Acq On : 27 Aug 2024 12:16
 Operator : RC/JU
 Sample : P3717-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Aug 27 13:06:51 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)

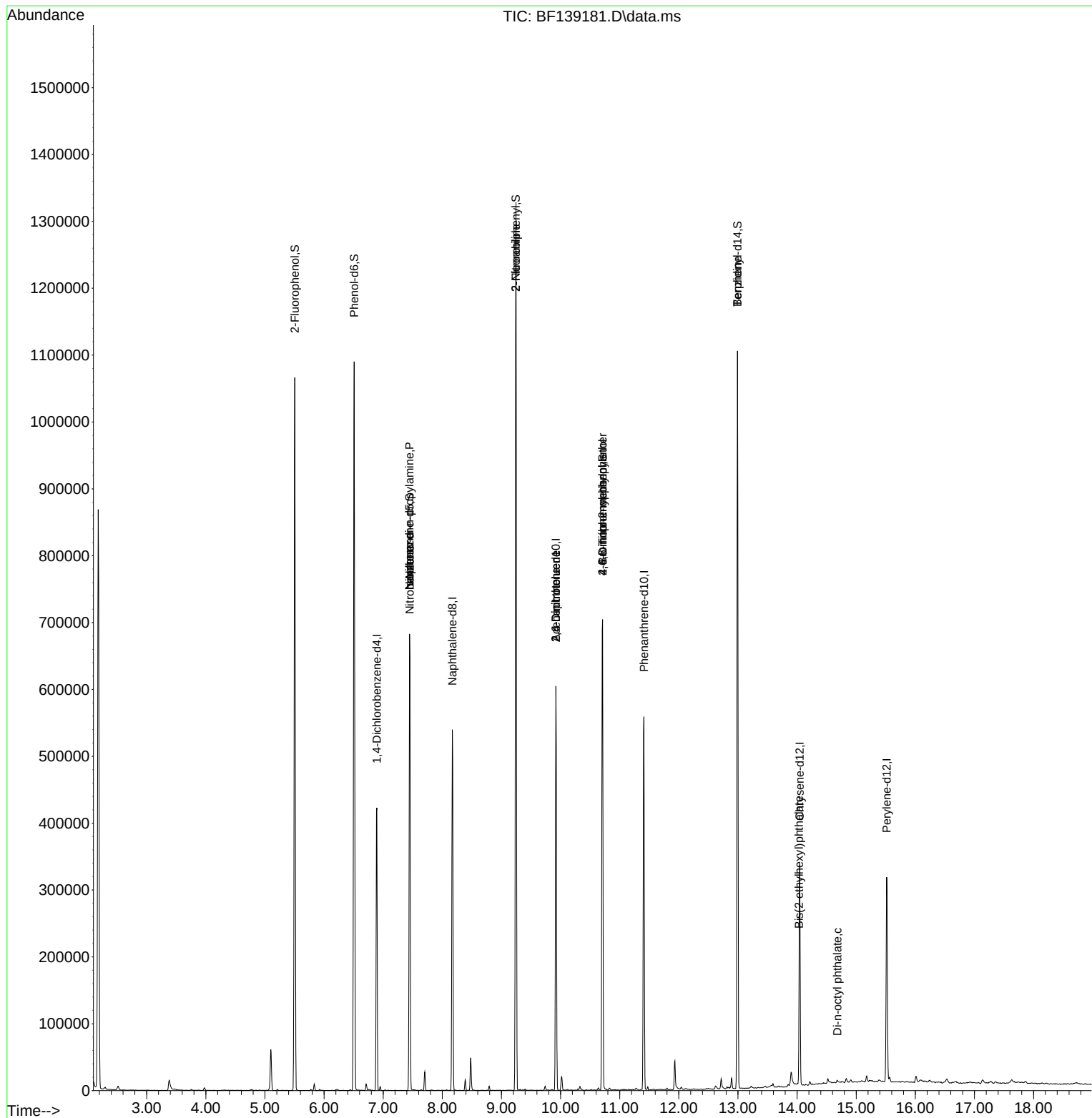
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	84114	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	310880	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	172931	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	286738	20.000	ng	0.00
76) Chrysene-d12	14.045	240	153057	20.000	ng	0.00
86) Perylene-d12	15.515	264	174253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	354493	70.818	ng	0.00
7) Phenol-d6	6.510	99	475762	69.253	ng	-0.01
23) Nitrobenzene-d5	7.445	82	301933	53.806	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	108849	73.493	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	544040	48.869	ng	0.00
79) Terphenyl-d14	12.992	244	512429	52.239	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	41335	10.060	ng	# 81
24) Nitrobenzene	7.451	77	888	3.382	ng	# 31
25) Isophorone	7.445	82	301200	27.142	ng	# 68
48) 2-Nitroaniline	9.245	65	1067	6.098	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	22029	14.383	ng	# 15
57) 2,4-Dinitrotoluene	9.922	165	22029	13.049	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	161	7.024	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	7595	2.493	ng	# 1
77) Benzidine	12.992	184	7009	2.714	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.033	149	462	3.301	ng	# 54
85) Di-n-octyl phthalate	14.680	149	594	9.024	ng	# 46

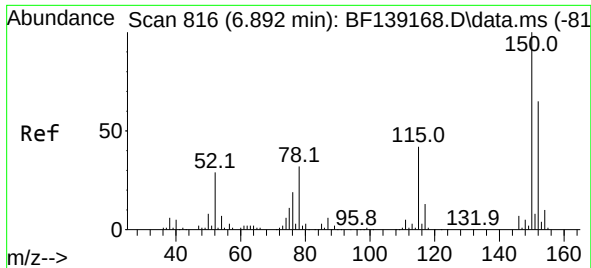
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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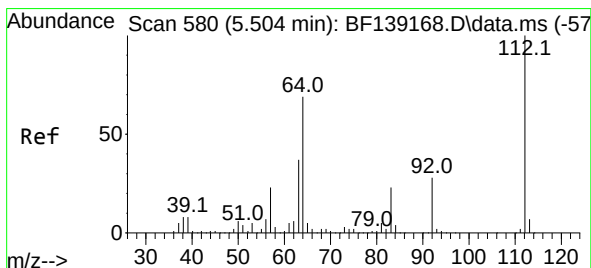
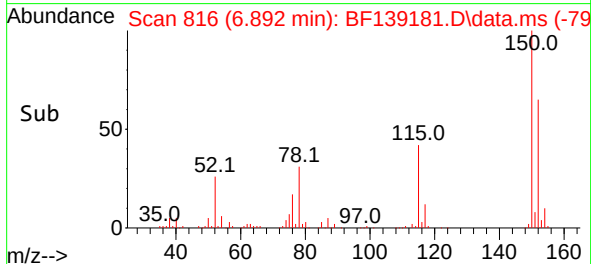
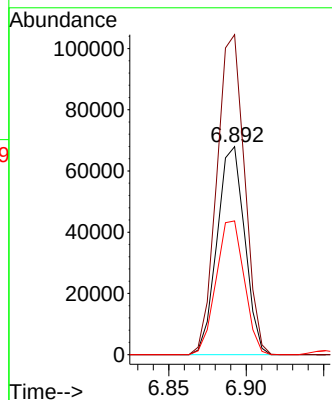
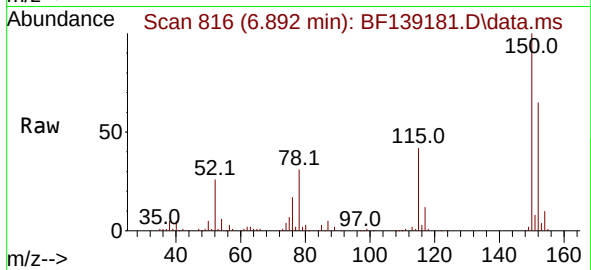




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

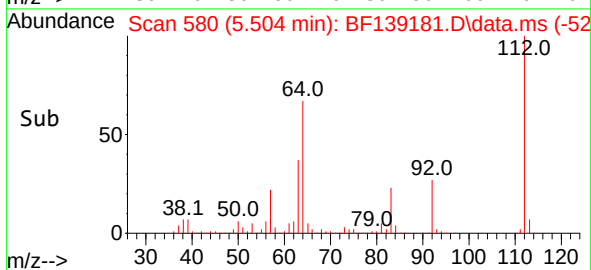
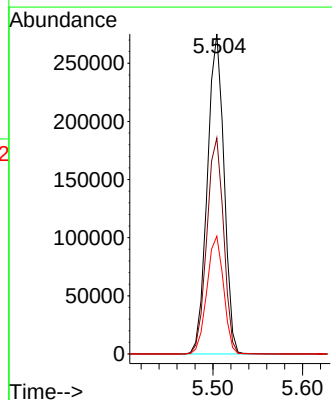
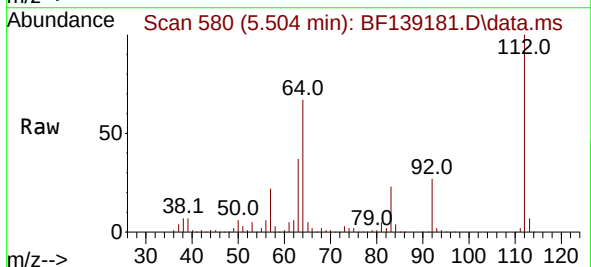
Instrument :
BNA_F
ClientSampleId :
TP-5

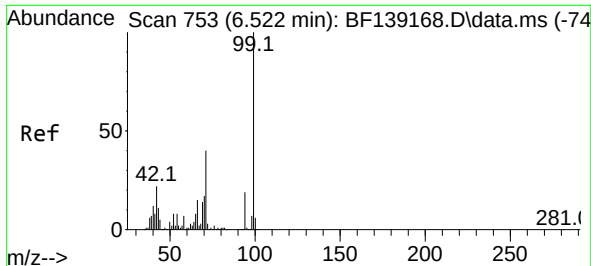
Tgt Ion:152 Resp: 84114
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 64.3 51.8 77.8



#5
2-Fluorophenol
Concen: 70.818 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

Tgt Ion:112 Resp: 354493
Ion Ratio Lower Upper
112 100
64 67.5 55.5 83.3
63 36.8 29.8 44.6

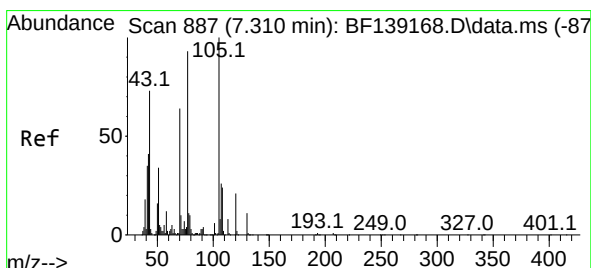
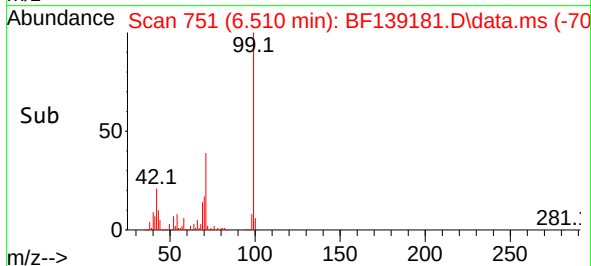
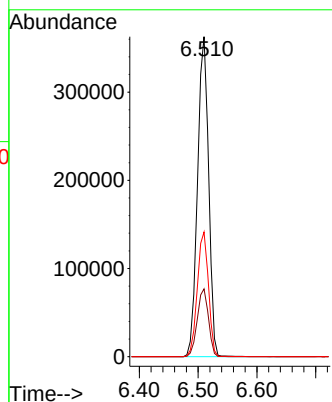
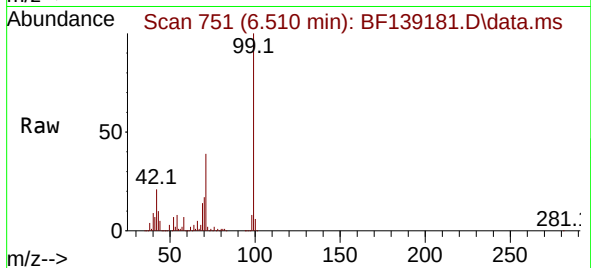




#7
Phenol-d6
Concen: 69.253 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

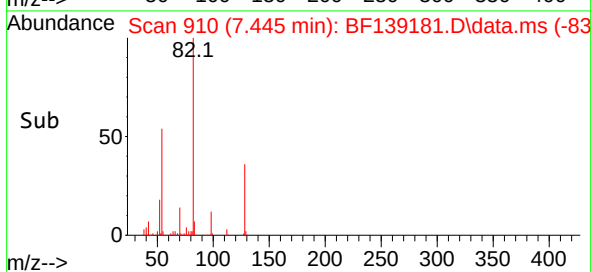
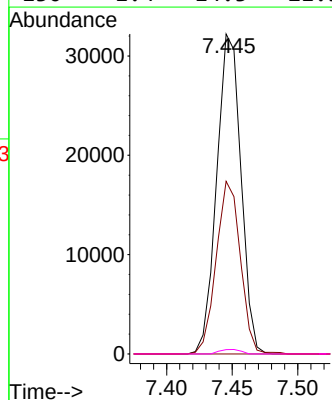
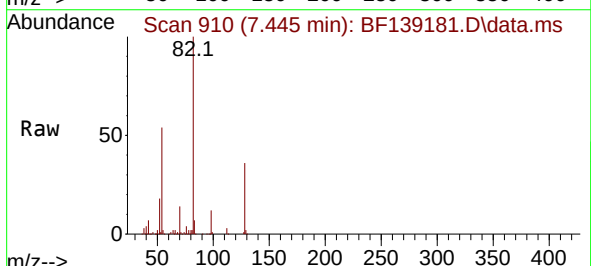
Instrument :
BNA_F
ClientSampleId :
TP-5

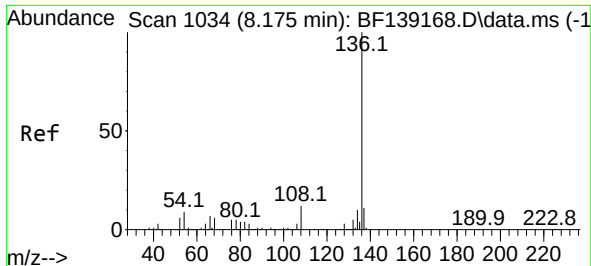
Tgt Ion: 99 Resp: 475762
Ion Ratio Lower Upper
99 100
42 21.2 17.9 26.9
71 38.9 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.060 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.135 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

Tgt Ion: 70 Resp: 41335
Ion Ratio Lower Upper
70 100
42 53.9 50.8 76.2
101 0.0 7.4 11.0#
130 1.4 14.3 21.5#

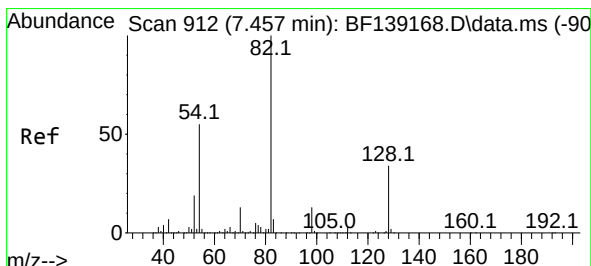
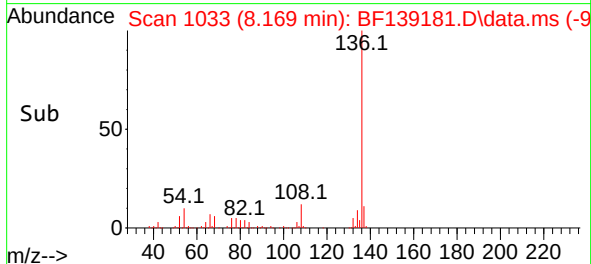
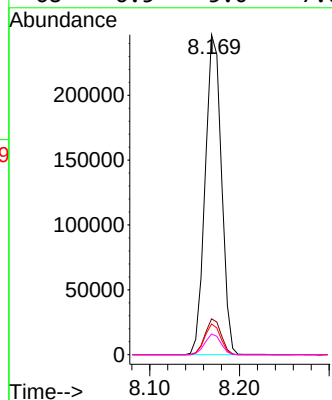
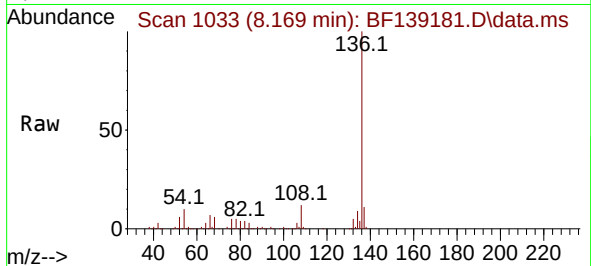




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

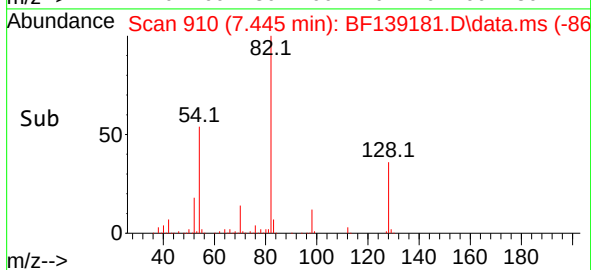
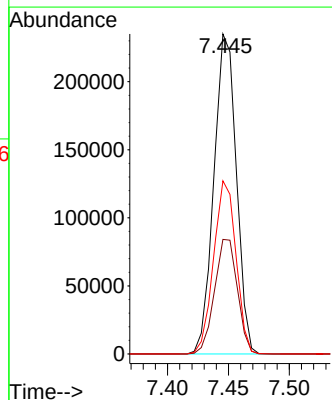
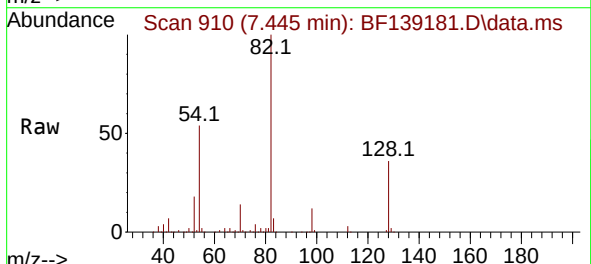
Instrument :
BNA_F
ClientSampleId :
TP-5

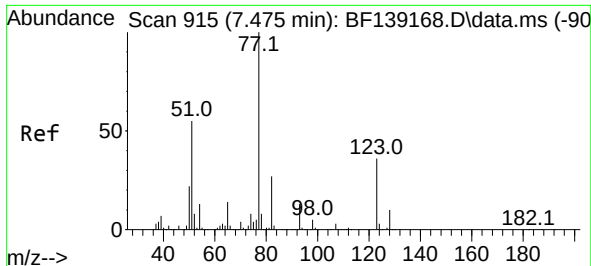
Tgt	Ion:136	Resp:	310880
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.6	7.6	11.4
68	6.5	5.0	7.6



#23
Nitrobenzene-d5
Concen: 53.806 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

Tgt Ion: 82	Resp: 301933
Ion Ratio	Lower Upper
82 100	
128 35.8	27.1 40.7
54 54.1	44.2 66.4





#24

Nitrobenzene

Concen: 3.382 ng

RT: 7.451 min Scan# 910

Delta R.T. -0.024 min

Lab File: BF139181.D

Acq: 27 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TP-5

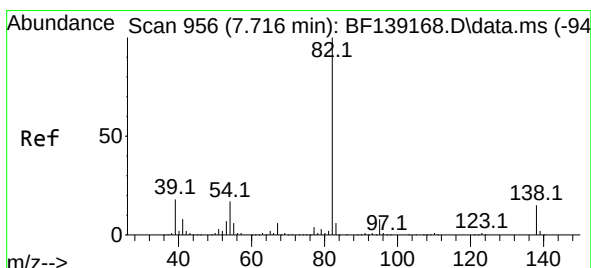
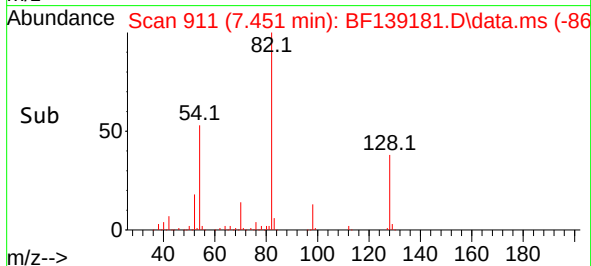
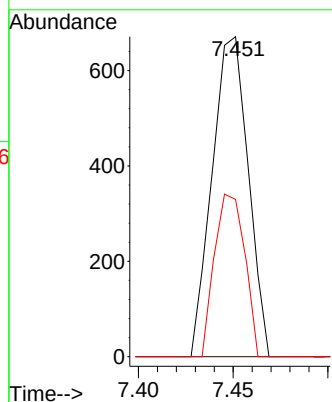
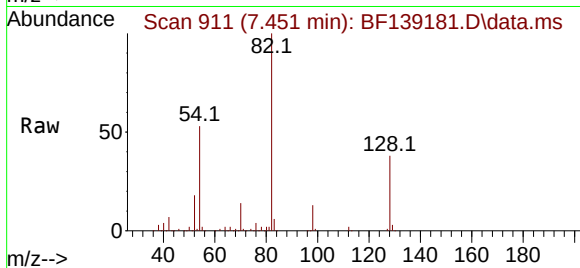
Tgt Ion: 77 Resp: 888

Ion Ratio Lower Upper

77 100

123 0.0 28.7 43.1#

65 49.2 10.9 16.3#



#25

Isophorone

Concen: 27.142 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.271 min

Lab File: BF139181.D

Acq: 27 Aug 2024 12:16

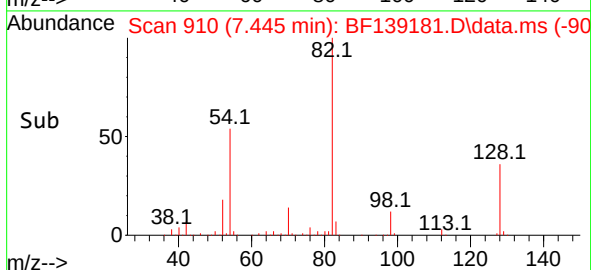
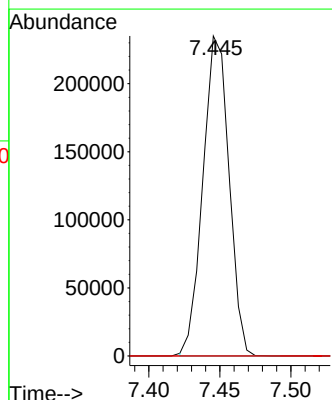
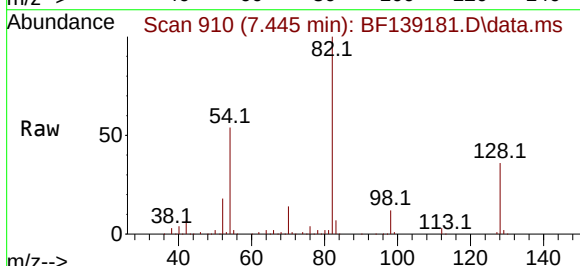
Tgt Ion: 82 Resp: 301200

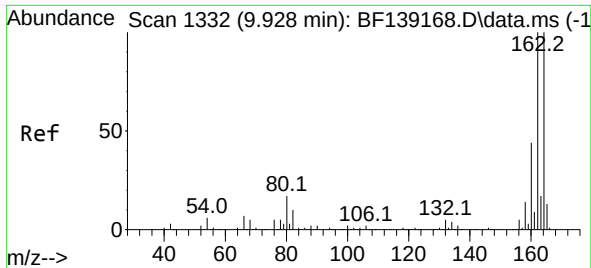
Ion Ratio Lower Upper

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: BF139181.D

Acq: 27 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TP-5

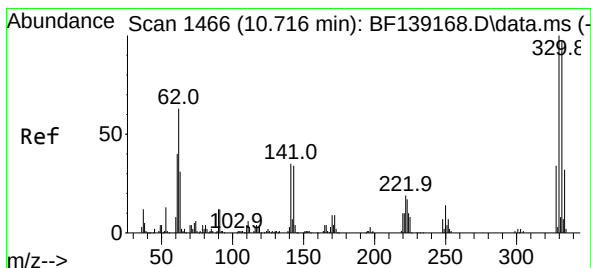
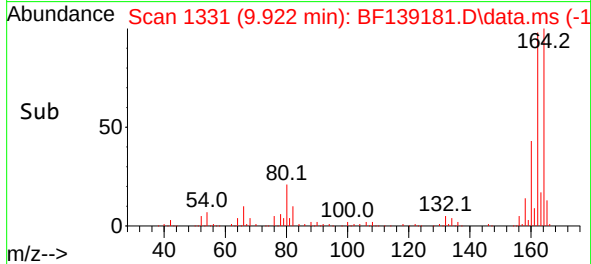
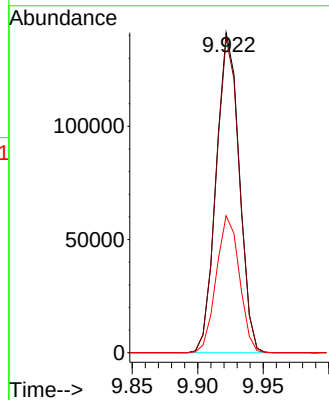
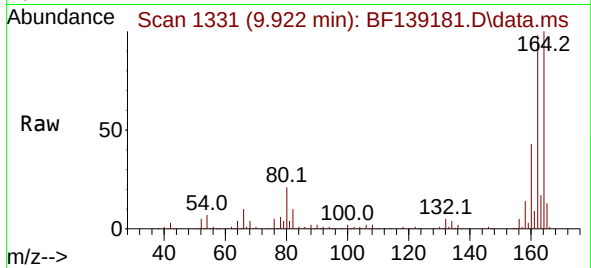
Tgt Ion:164 Resp: 172931

Ion Ratio Lower Upper

164 100

162 98.3 80.0 120.0

160 42.8 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 73.493 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139181.D

Acq: 27 Aug 2024 12:16

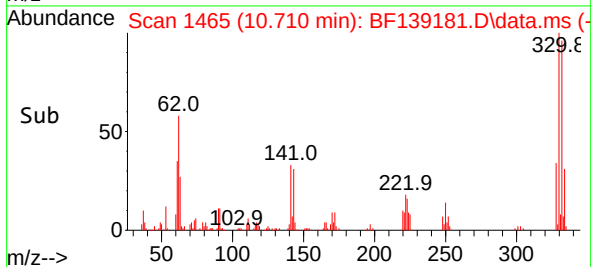
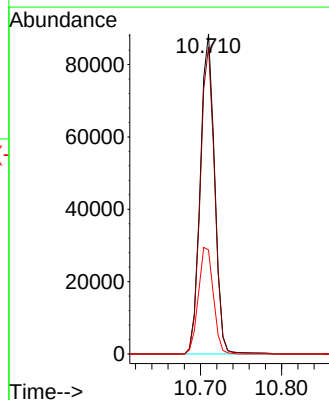
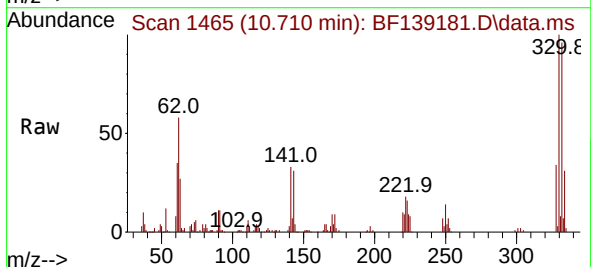
Tgt Ion:330 Resp: 108849

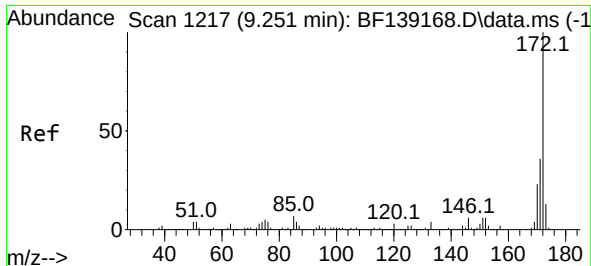
Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 34.7 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 48.869 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139181.D

Acq: 27 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TP-5

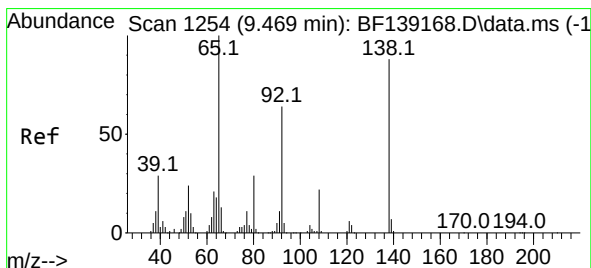
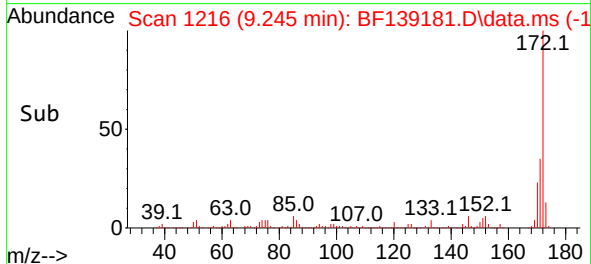
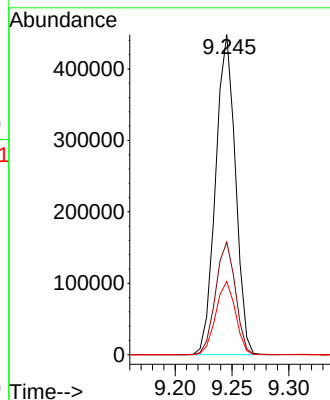
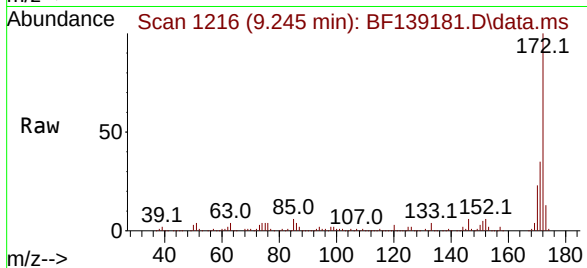
Tgt Ion:172 Resp: 544040

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 22.9 18.8 28.2



#48

2-Nitroaniline

Concen: 6.098 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.224 min

Lab File: BF139181.D

Acq: 27 Aug 2024 12:16

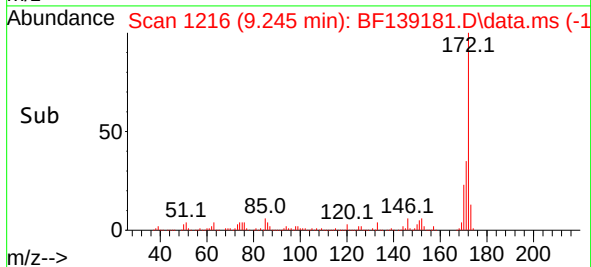
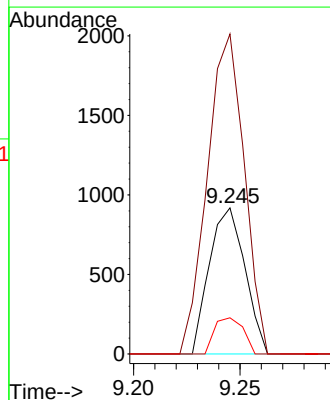
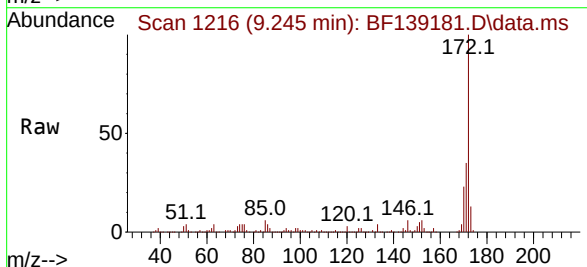
Tgt Ion: 65 Resp: 1067

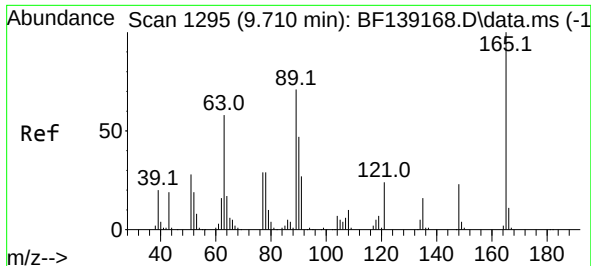
Ion Ratio Lower Upper

65 100

92 218.9 51.2 76.8#

138 24.8 70.0 105.0#





#51

2,6-Dinitrotoluene

Concen: 14.383 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139181.D

Acq: 27 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TP-5

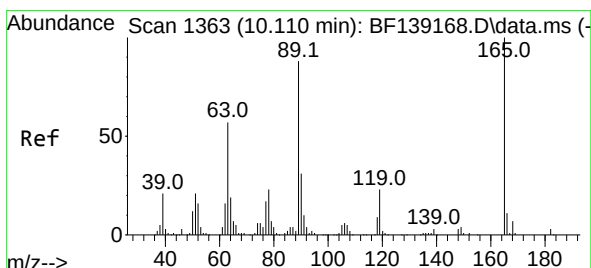
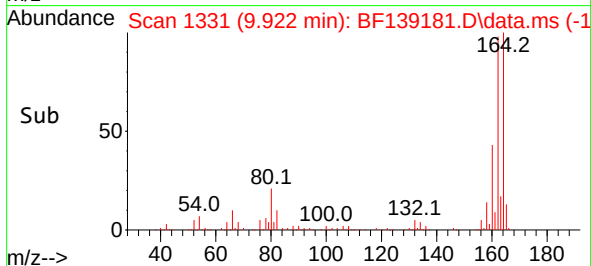
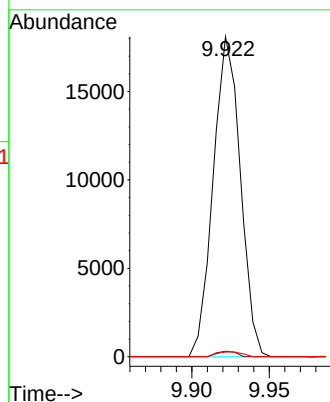
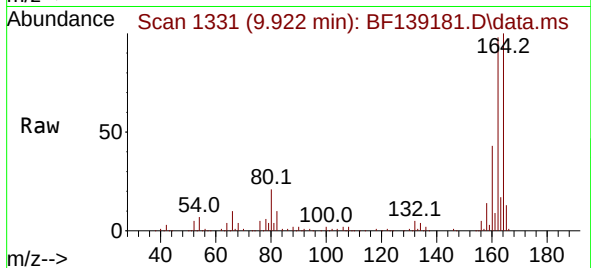
Tgt Ion:165 Resp: 22029

Ion Ratio Lower Upper

165 100

63 1.7 60.1 90.1#

89 1.5 57.0 85.6#



#57

2,4-Dinitrotoluene

Concen: 13.049 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139181.D

Acq: 27 Aug 2024 12:16

Tgt Ion:165 Resp: 22029

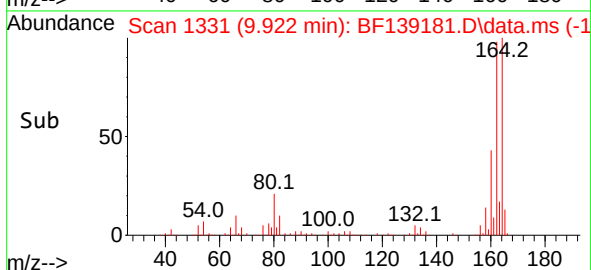
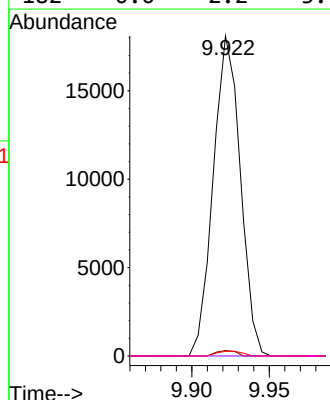
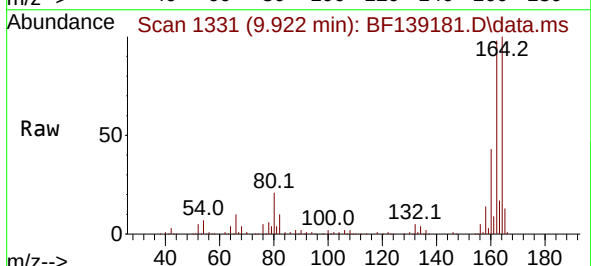
Ion Ratio Lower Upper

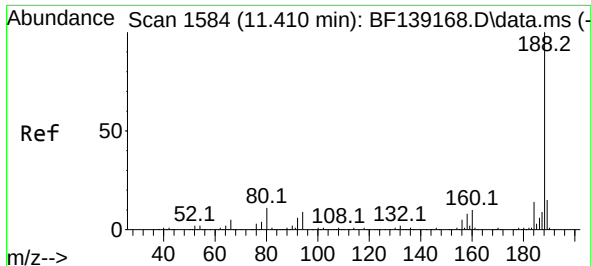
165 100

63 1.7 46.2 69.2#

89 1.5 70.2 105.4#

182 0.0 2.2 3.4#

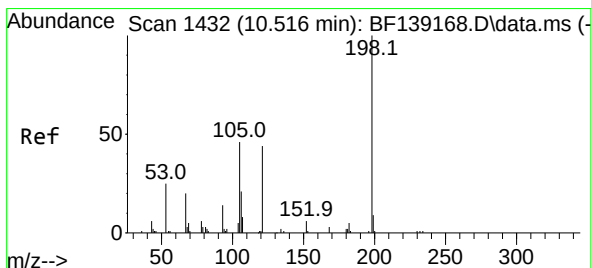
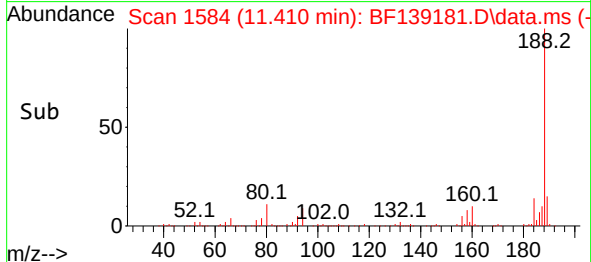
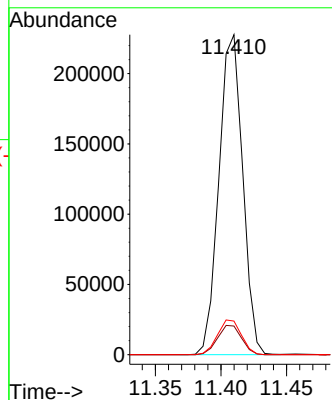
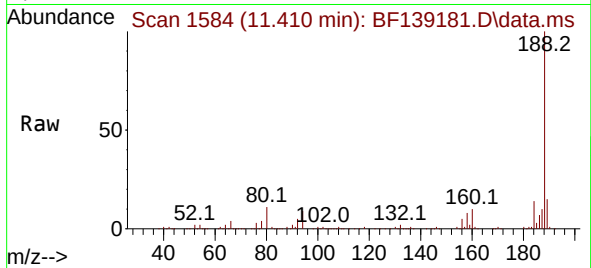




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

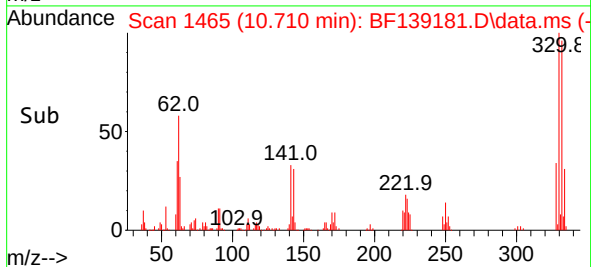
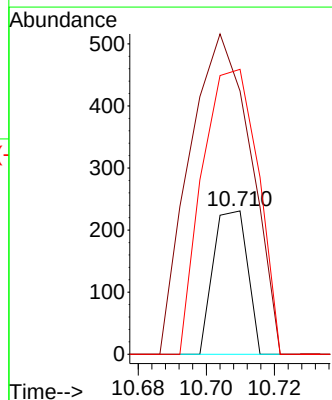
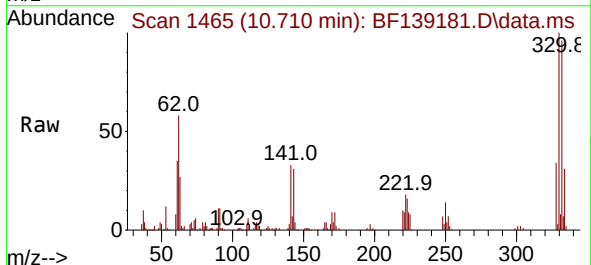
Instrument :
BNA_F
ClientSampleId :
TP-5

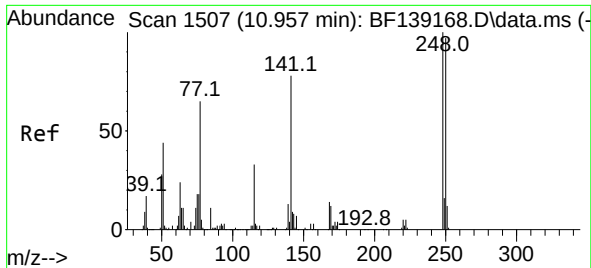
Tgt Ion:188 Resp: 286738
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.5 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 7.024 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.194 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

Tgt Ion:198 Resp: 161
Ion Ratio Lower Upper
198 100
51 183.5 39.2 79.2#
105 198.7 29.3 69.3#

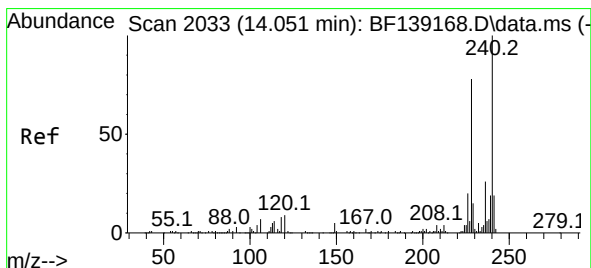
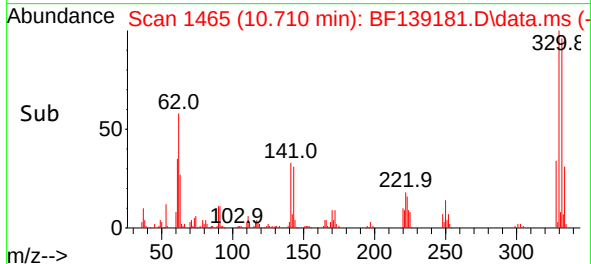
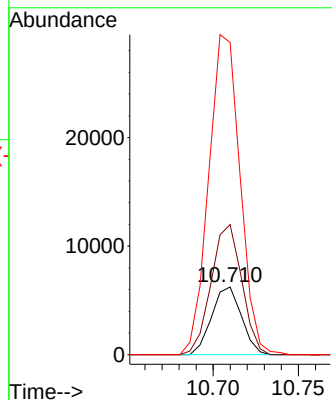
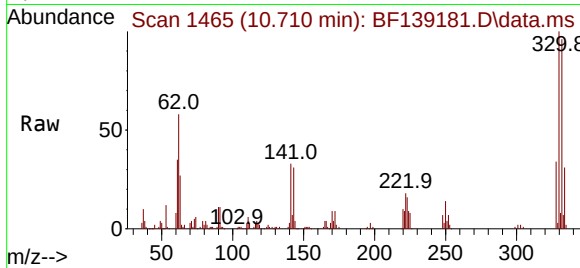




#67
4-Bromophenyl-phenylether
Concen: 2.493 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

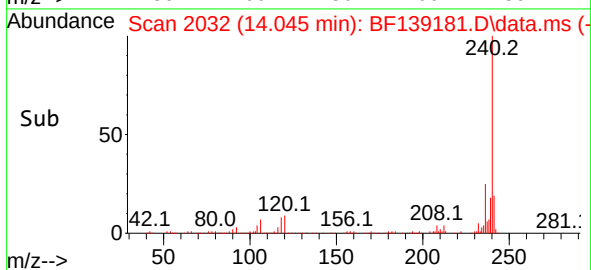
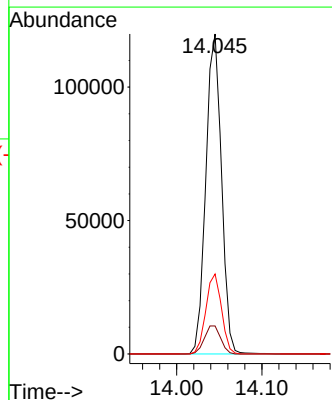
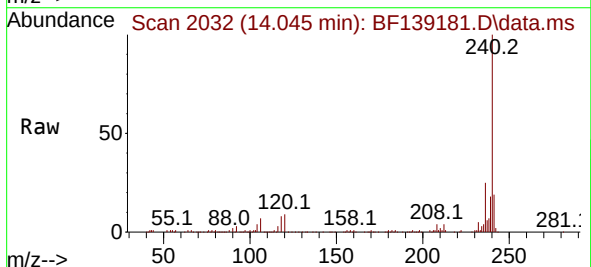
Instrument :
BNA_F
ClientSampleId :
TP-5

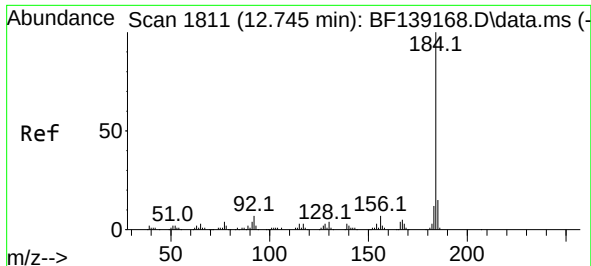
Tgt Ion:248 Resp: 7595
Ion Ratio Lower Upper
248 100
250 191.9 78.0 117.0#
141 460.8 62.6 94.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

Tgt Ion:240 Resp: 153057
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 25.0 20.9 31.3

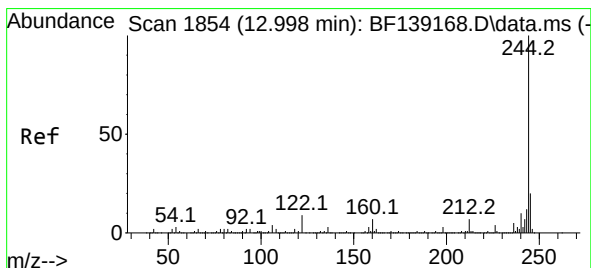
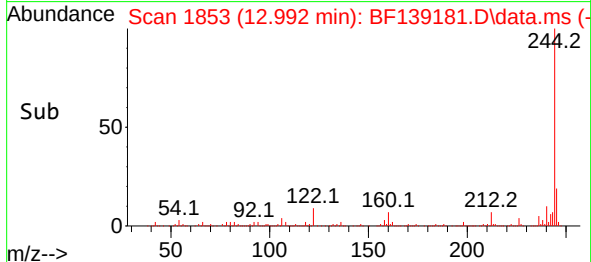
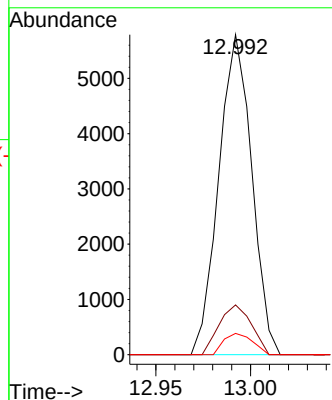
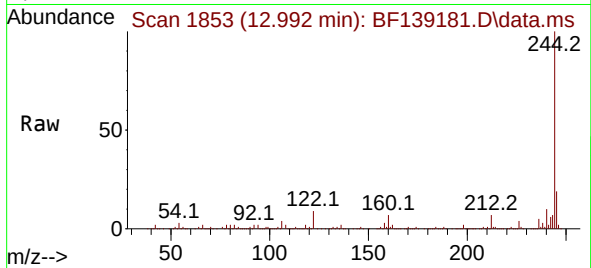




#77
Benzidine
Concen: 2.714 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

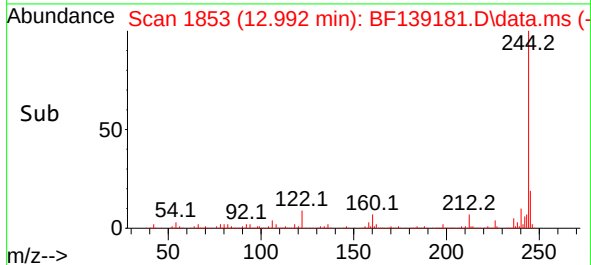
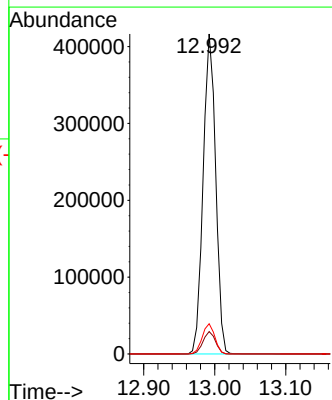
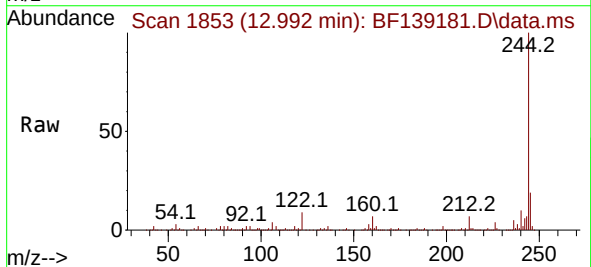
Instrument :
BNA_F
ClientSampleId :
TP-5

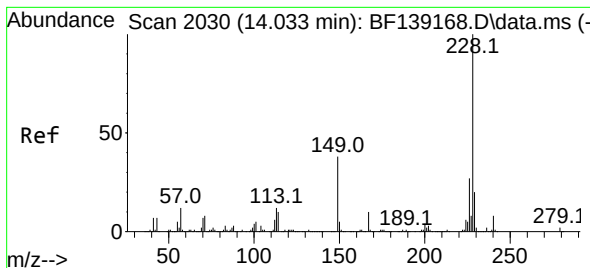
Tgt Ion:184 Resp: 7009
Ion Ratio Lower Upper
184 100
185 15.5 12.1 18.1
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 52.239 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

Tgt Ion:244 Resp: 512429
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.4 7.6 11.4

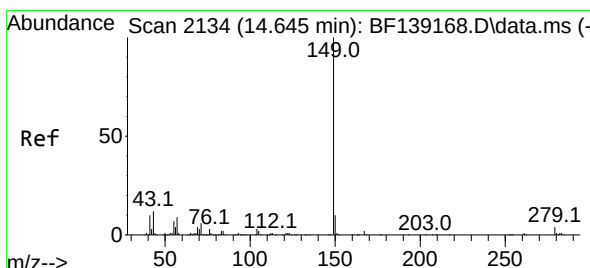
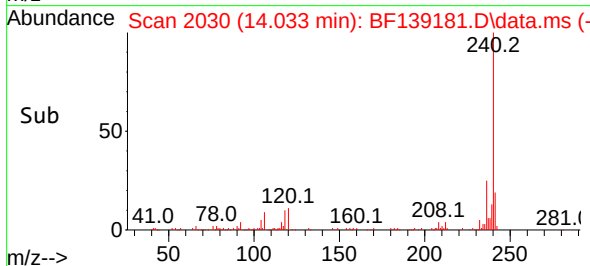
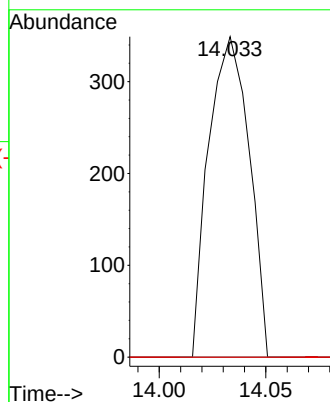
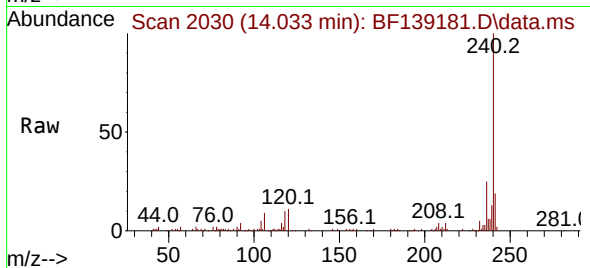




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.301 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

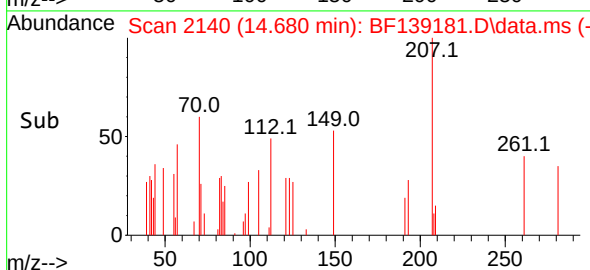
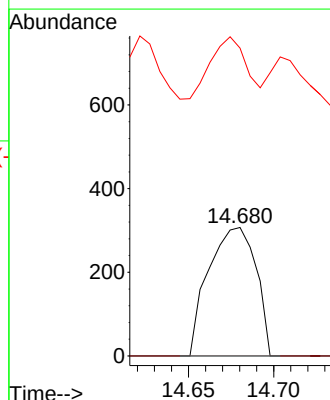
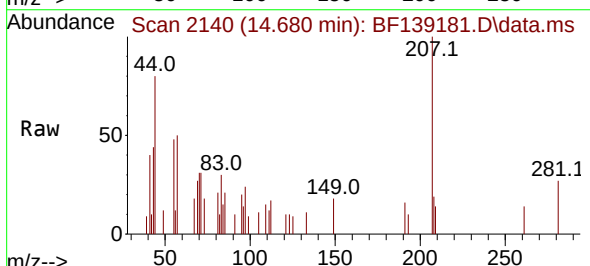
Instrument :
BNA_F
ClientSampleId :
TP-5

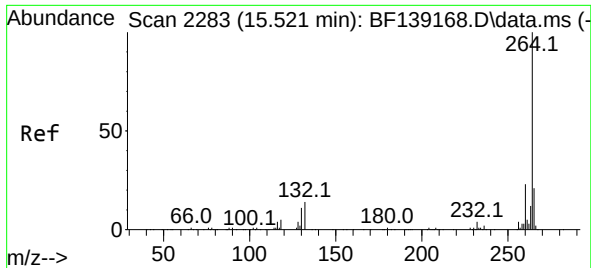
Tgt Ion:149 Resp: 462
Ion Ratio Lower Upper
149 100
167 0.0 21.3 31.9#
279 0.0 3.4 5.0#



#85
Di-n-octyl phthalate
Concen: 9.024 ng
RT: 14.680 min Scan# 2140
Delta R.T. 0.035 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

Tgt Ion:149 Resp: 594
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 36.0 9.9 14.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139181.D
 Acq: 27 Aug 2024 12:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:264 Resp: 174253
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 21.3 17.0 25.6

