

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139187.D
 Acq On : 27 Aug 2024 15:18
 Operator : RC/JU
 Sample : P3747-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLNP-DEMO

Quant Time: Aug 27 15:58:55 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)

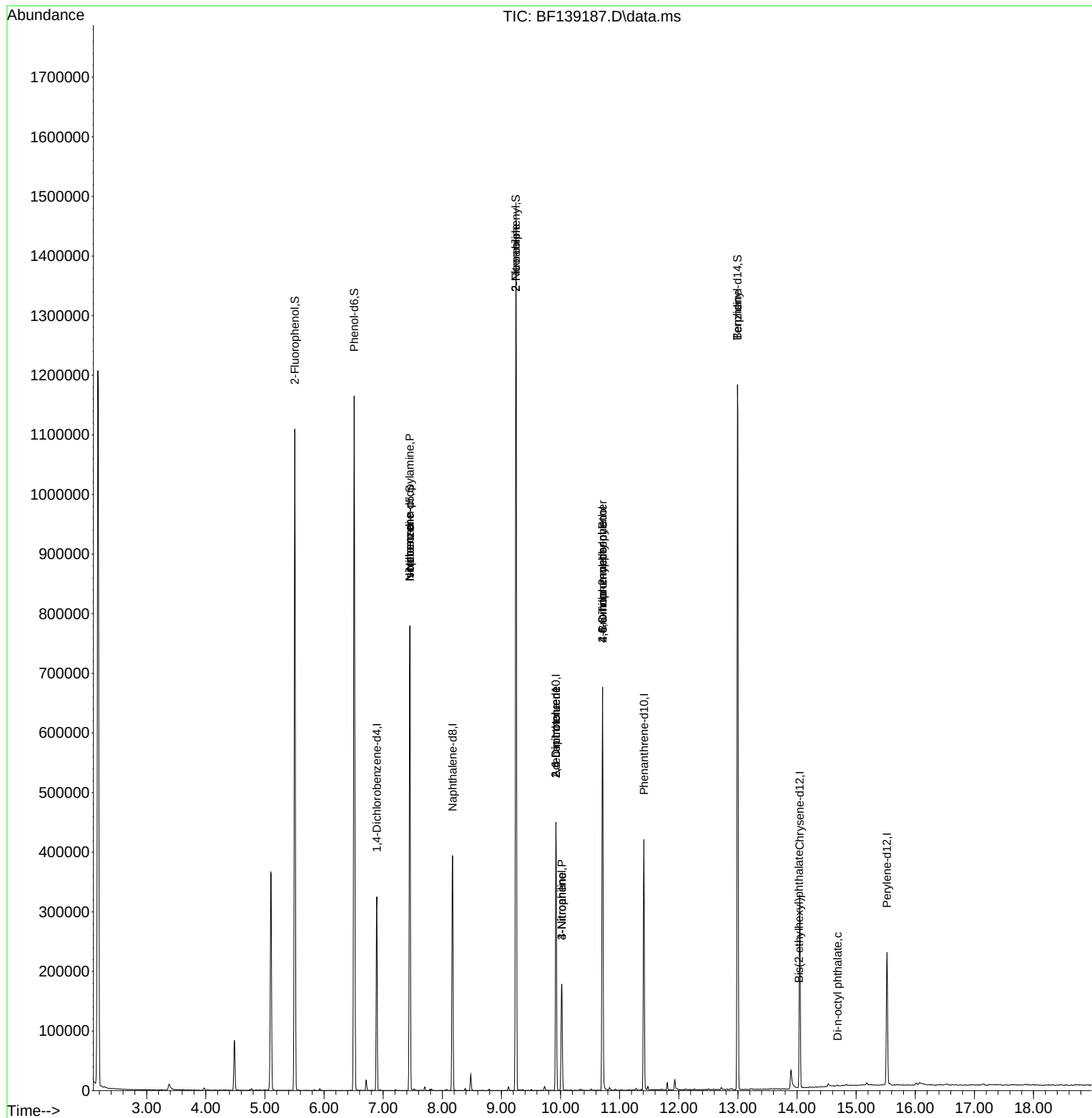
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	63493	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	234691	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	128707	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	211091	20.000	ng	0.00
76) Chrysene-d12	14.045	240	148640	20.000	ng	0.00
86) Perylene-d12	15.521	264	128673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	363800	96.281	ng	0.00
7) Phenol-d6	6.510	99	505215	97.424	ng	-0.01
23) Nitrobenzene-d5	7.451	82	331913	78.350	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	99998	90.717	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	602380	72.701	ng	0.00
79) Terphenyl-d14	12.992	244	573858	60.240	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	47092	15.183	ng	# 78
24) Nitrobenzene	7.451	77	939	3.433	ng	# 39
25) Isophorone	7.451	82	328918	39.262	ng	# 68
48) 2-Nitroaniline	9.245	65	1064	6.207	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	16888	14.659	ng	# 14
53) 3-Nitroaniline	10.022	138	1566	5.313	ng	# 1
56) 4-Nitrophenol	10.022	139	118	5.241	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	16888	13.263	ng	# 14
65) 4,6-Dinitro-2-methylph...	10.710	198	202	7.141	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	7472	3.331	ng	# 1
77) Benzidine	12.992	184	7815	3.116	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.033	149	370	3.271	ng	# 54
85) Di-n-octyl phthalate	14.686	149	252	8.984	ng	# 72

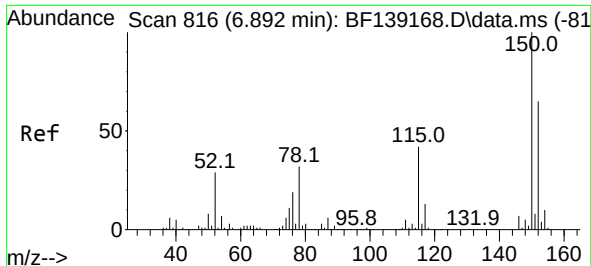
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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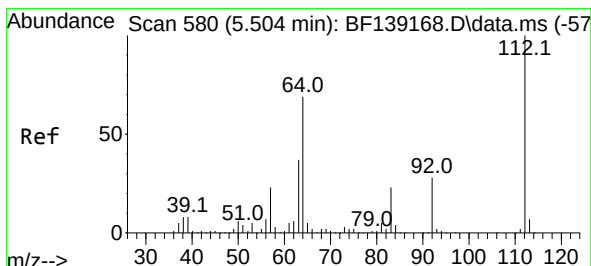
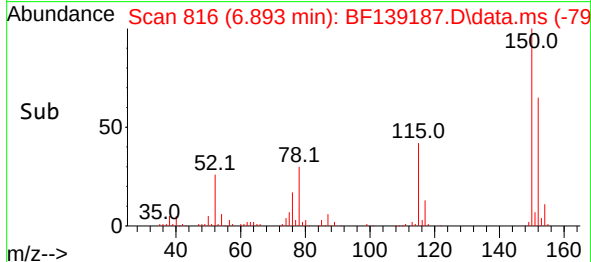
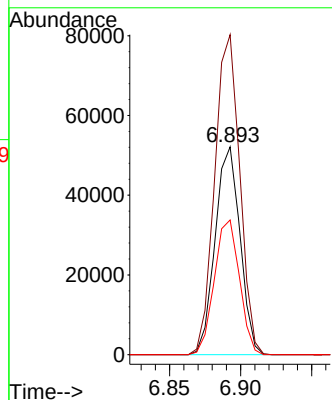
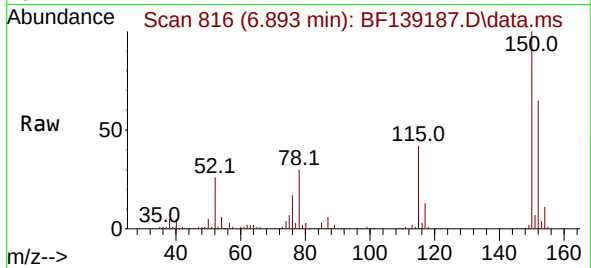




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 816
 Delta R.T. 0.001 min
 Lab File: BF139187.D
 Acq: 27 Aug 2024 15:18

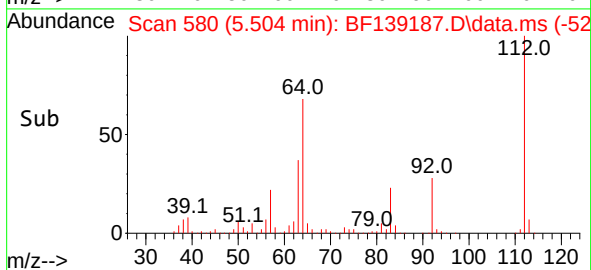
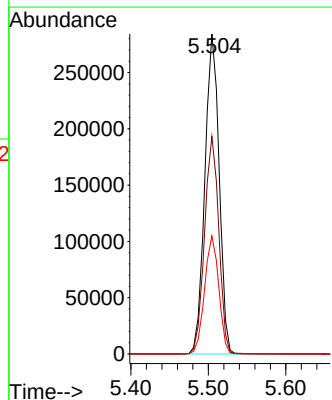
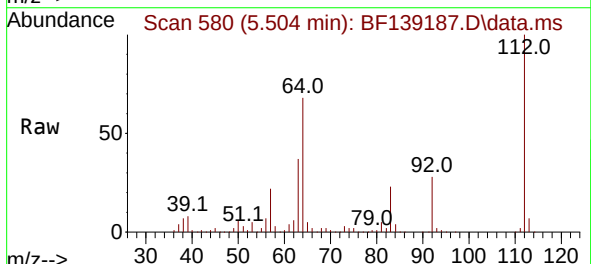
Instrument :
 BNA_F
 ClientSampleId :
 SLNP-DEMO

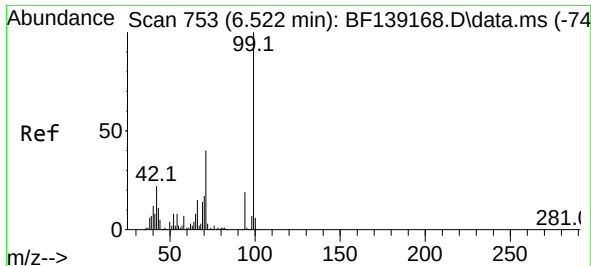
Tgt Ion:152 Resp: 63493
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.7 185.5
 115 64.8 51.8 77.8



#5
 2-Fluorophenol
 Concen: 96.281 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.000 min
 Lab File: BF139187.D
 Acq: 27 Aug 2024 15:18

Tgt Ion:112 Resp: 363800
 Ion Ratio Lower Upper
 112 100
 64 68.0 55.5 83.3
 63 36.9 29.8 44.6

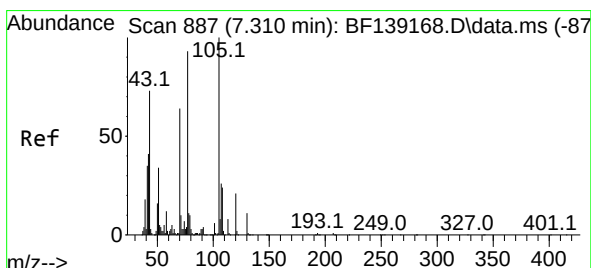
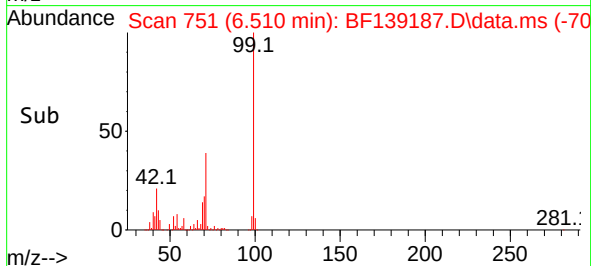
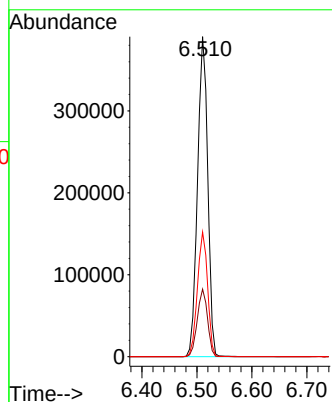
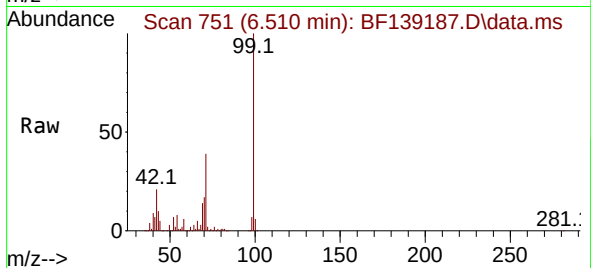




#7
Phenol-d6
Concen: 97.424 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

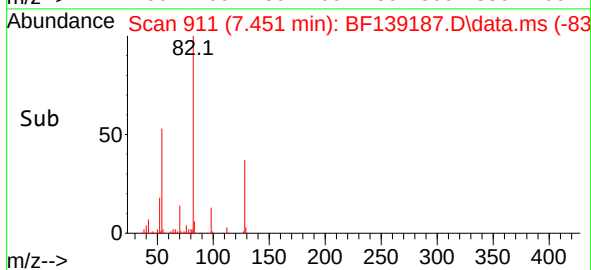
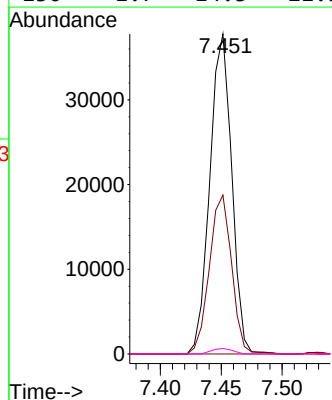
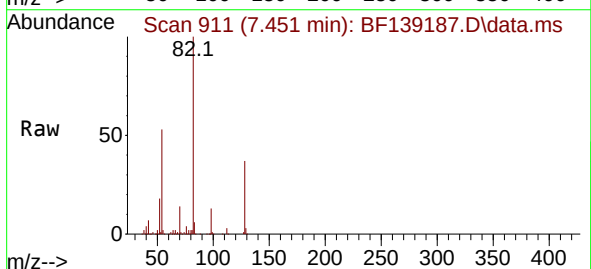
Instrument :
BNA_F
ClientSampleId :
SLNP-DEMO

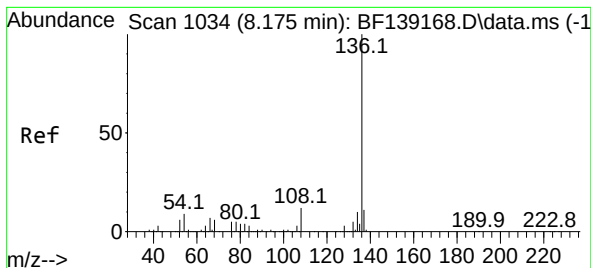
Tgt Ion: 99 Resp: 505215
Ion Ratio Lower Upper
99 100
42 21.1 17.9 26.9
71 39.0 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.183 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

Tgt Ion: 70 Resp: 47092
Ion Ratio Lower Upper
70 100
42 49.6 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: BF139187.D

Acq: 27 Aug 2024 15:18

Instrument :

BNA_F

ClientSampleId :

SLNP-DEMO

Tgt Ion:136 Resp: 234691

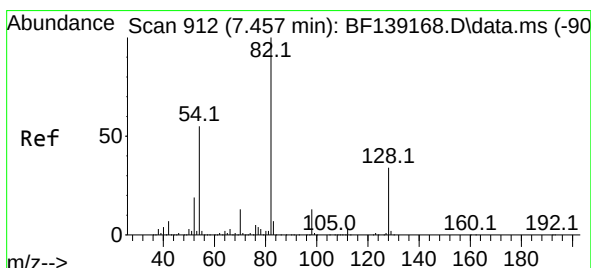
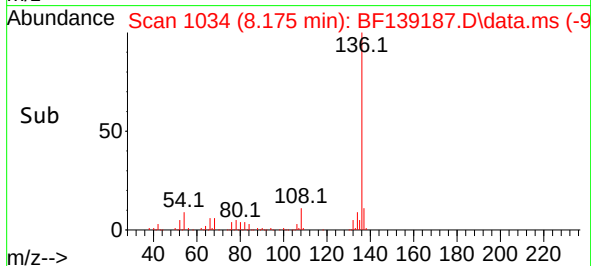
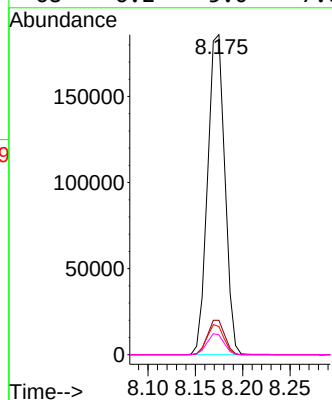
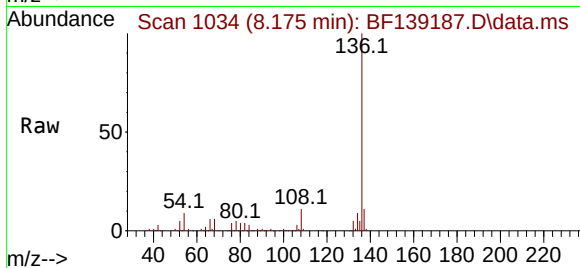
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 8.8 7.6 11.4

68 6.2 5.0 7.6



#23

Nitrobenzene-d5

Concen: 78.350 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

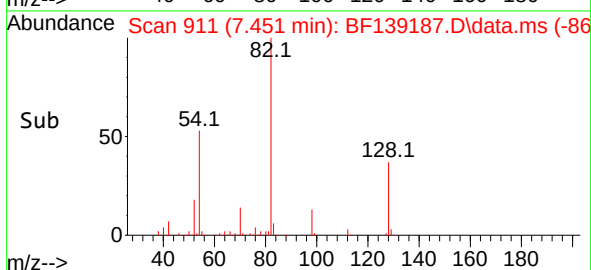
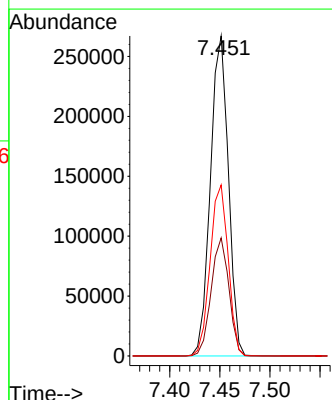
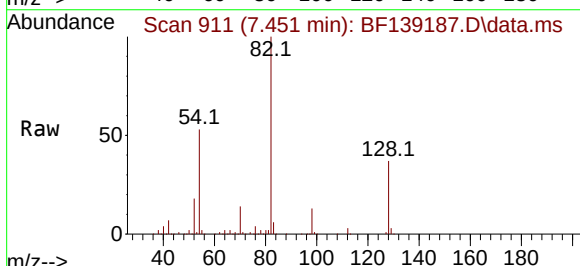
Tgt Ion: 82 Resp: 331913

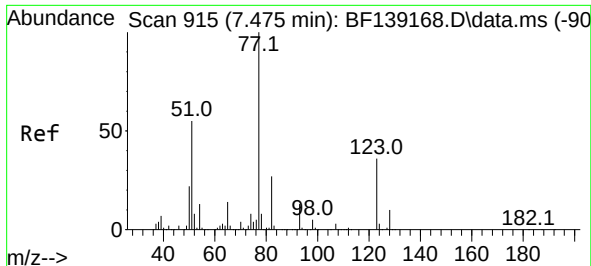
Ion Ratio Lower Upper

82 100

128 36.9 27.1 40.7

54 53.5 44.2 66.4

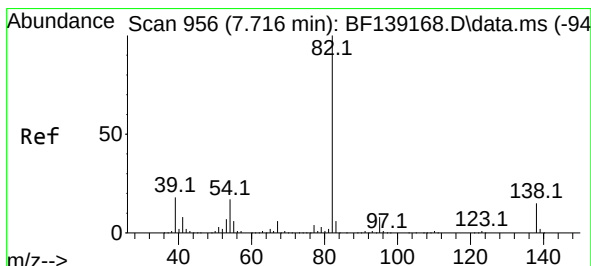
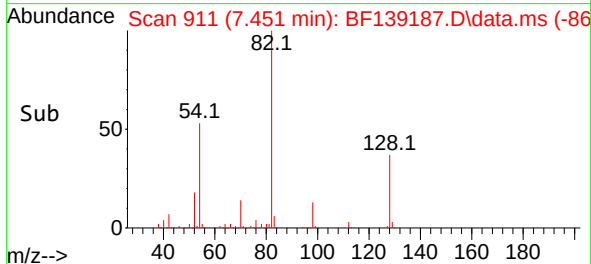
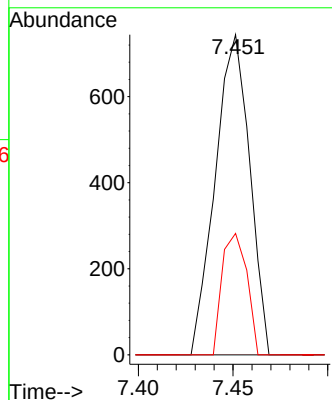
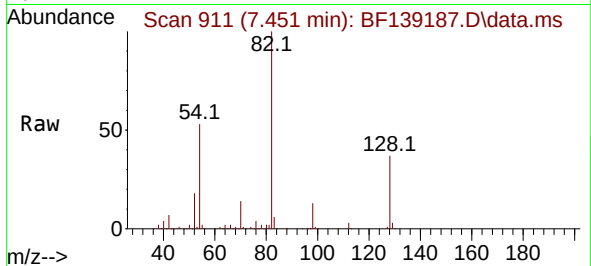




#24
Nitrobenzene
Concen: 3.433 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

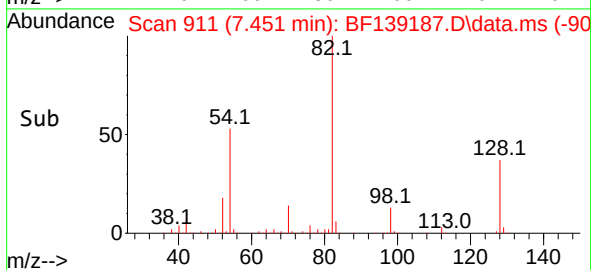
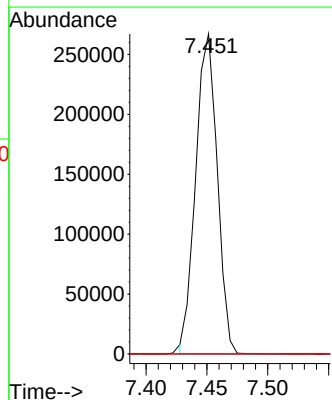
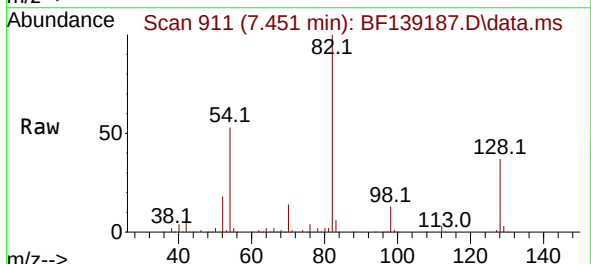
Instrument :
BNA_F
ClientSampleId :
SLNP-DEMO

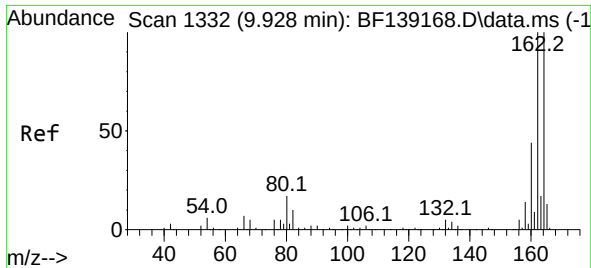
Tgt Ion: 77 Resp: 939
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 37.9 10.9 16.3#



#25
Isophorone
Concen: 39.262 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

Tgt Ion: 82 Resp: 328918
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 12.2 18.4#

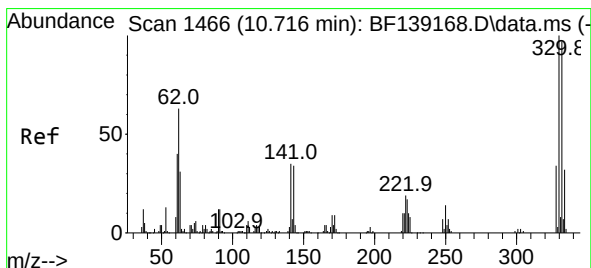
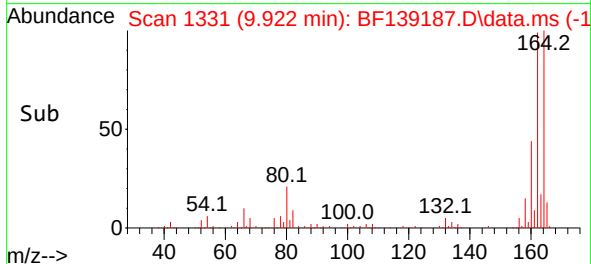
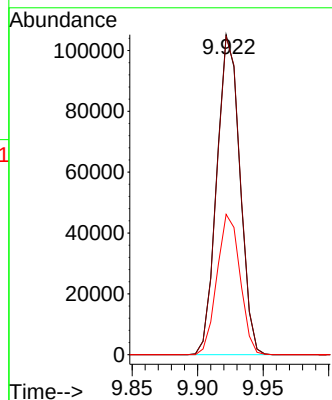
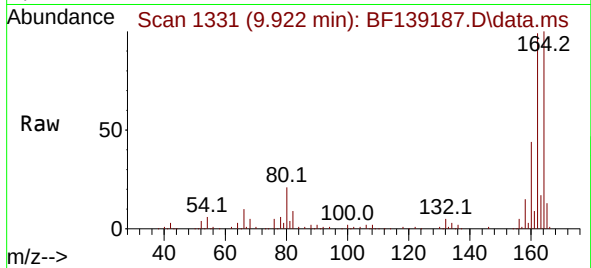




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

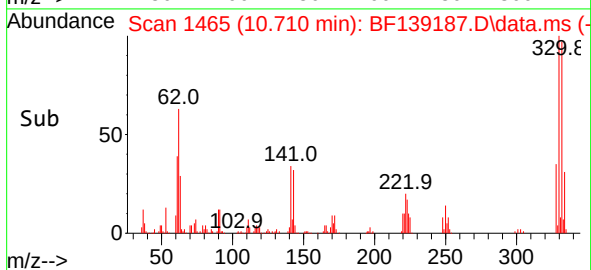
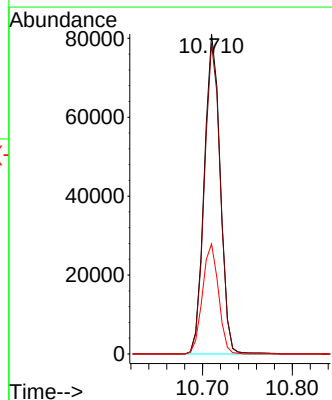
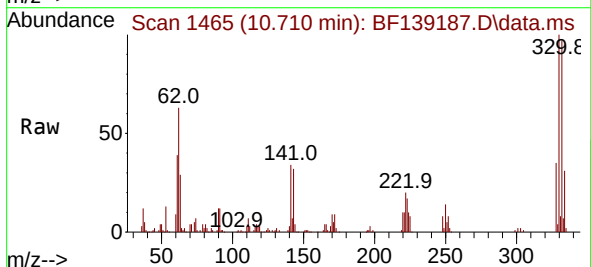
Instrument :
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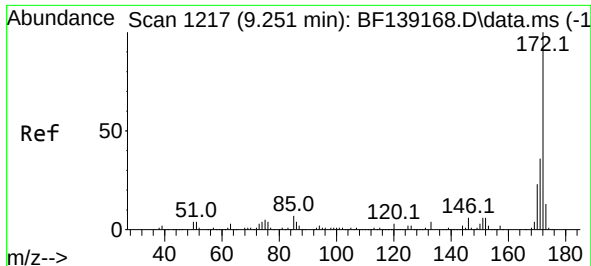
Tgt Ion:164 Resp: 128707
Ion Ratio Lower Upper
164 100
162 99.5 80.0 120.0
160 43.8 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 90.717 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

Tgt Ion:330 Resp: 99998
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 34.4 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 72.701 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

Instrument :

BNA_F

ClientSampleId :

SLNP-DEMO

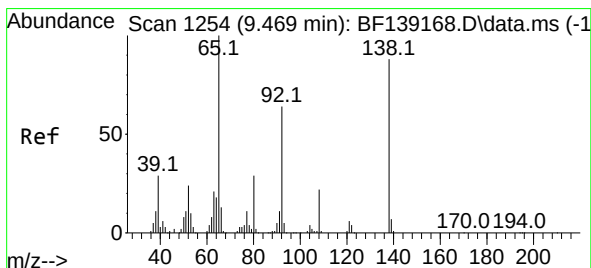
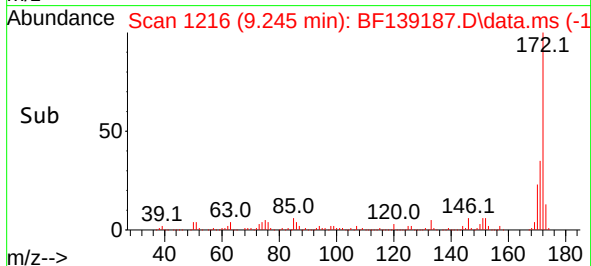
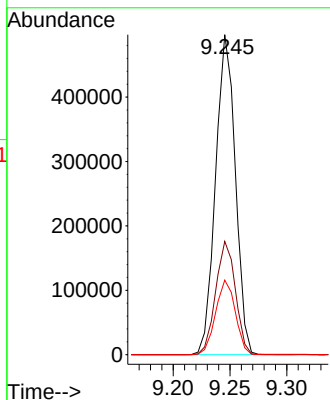
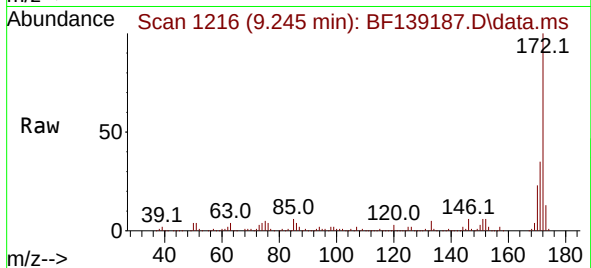
Tgt Ion:172 Resp: 602380

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.3 18.8 28.2



#48

2-Nitroaniline

Concen: 6.207 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.224 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

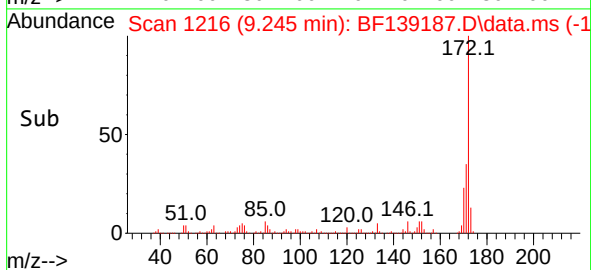
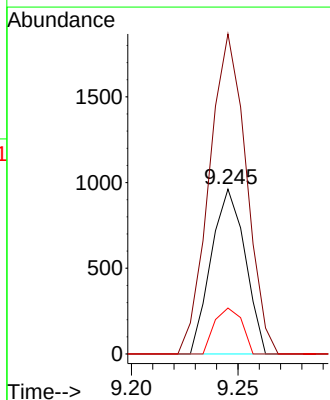
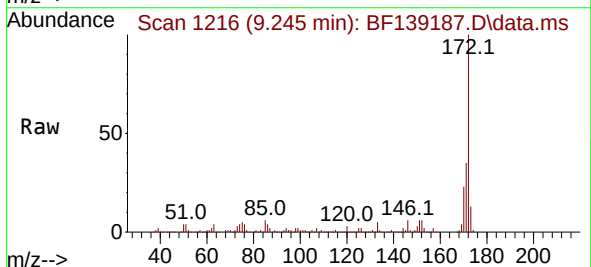
Tgt Ion: 65 Resp: 1064

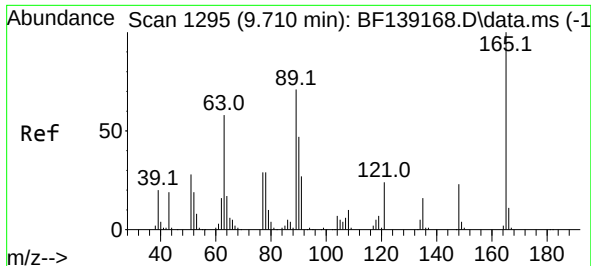
Ion Ratio Lower Upper

65 100

92 194.1 51.2 76.8#

138 27.9 70.0 105.0#





#51

2,6-Dinitrotoluene

Concen: 14.659 ng

RT: 9.922 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

Instrument :

BNA_F

ClientSampleId :

SLNP-DEMO

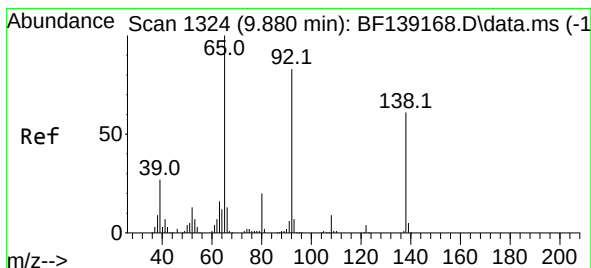
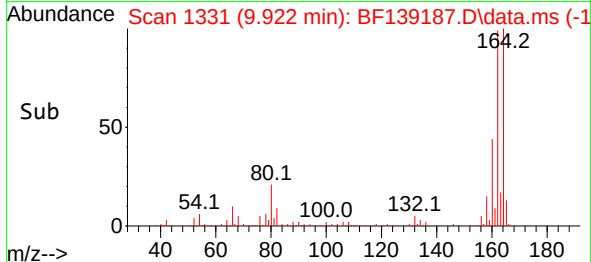
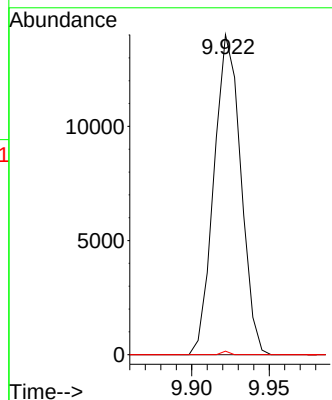
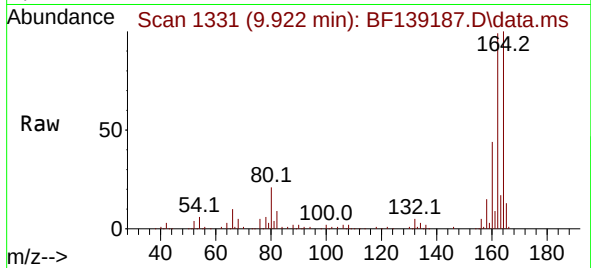
Tgt Ion:165 Resp: 16888

Ion Ratio Lower Upper

165 100

63 0.0 60.1 90.1#

89 1.1 57.0 85.6#



#53

3-Nitroaniline

Concen: 5.313 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.142 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

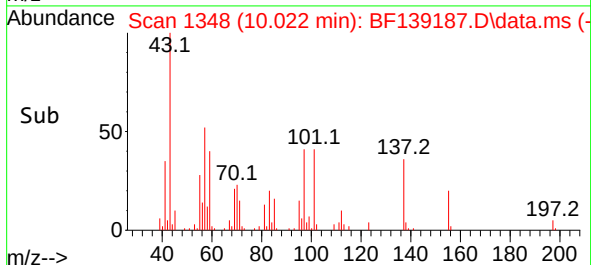
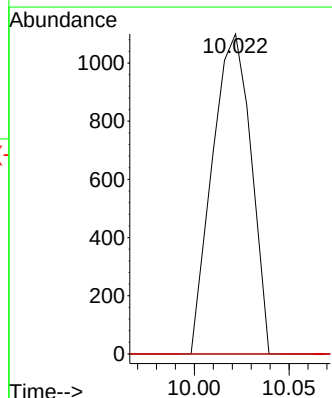
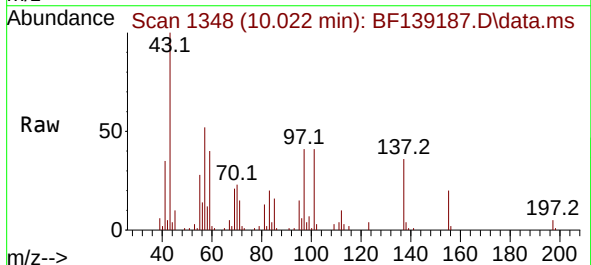
Tgt Ion:138 Resp: 1566

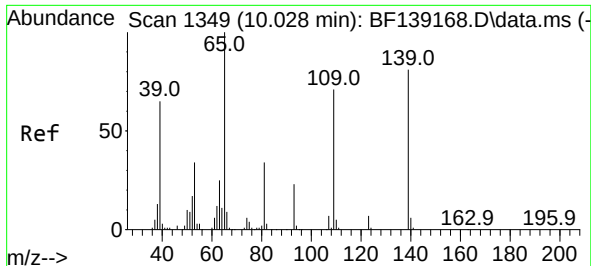
Ion Ratio Lower Upper

138 100

108 0.0 11.8 17.6#

92 0.0 108.2 162.2#

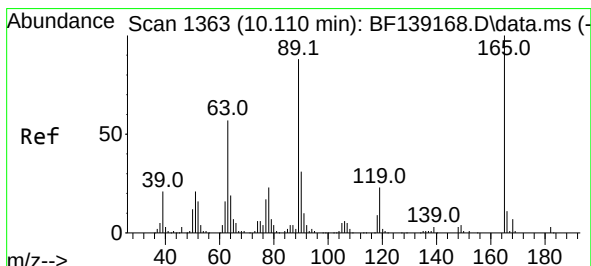
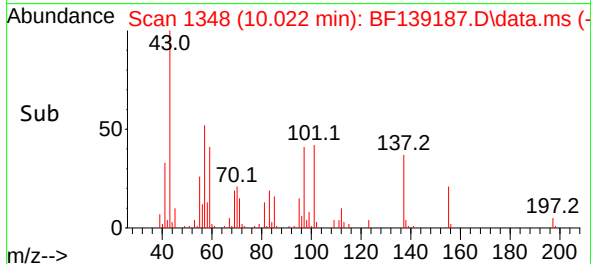
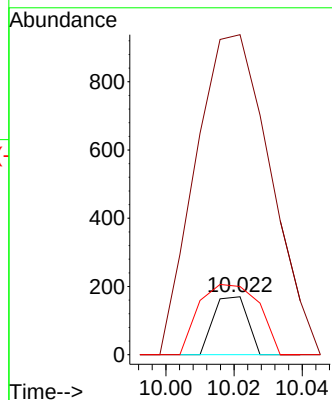
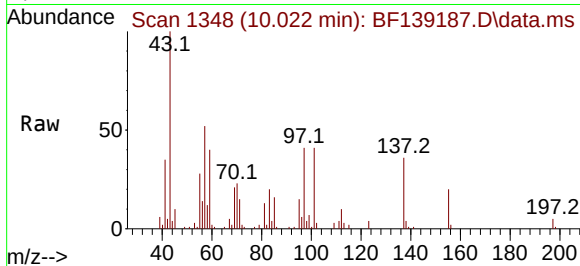




#56
4-Nitrophenol
Concen: 5.241 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

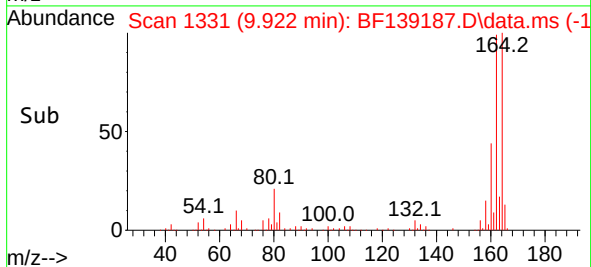
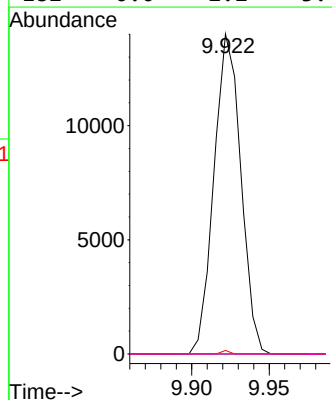
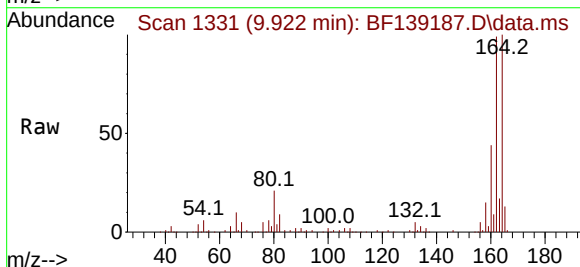
Instrument :
BNA_F
ClientSampleId :
SLNP-DEMO

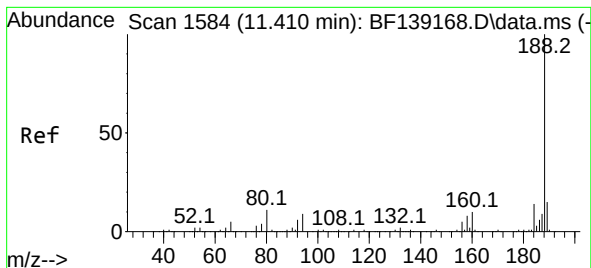
Tgt Ion:139 Resp: 118
Ion Ratio Lower Upper
139 100
109 551.8 68.2 108.2#
65 117.6 104.7 144.7



#57
2,4-Dinitrotoluene
Concen: 13.263 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139187.D
Acq: 27 Aug 2024 15:18

Tgt Ion:165 Resp: 16888
Ion Ratio Lower Upper
165 100
63 0.0 46.2 69.2#
89 1.1 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: BF139187.D

Acq: 27 Aug 2024 15:18

Instrument :

BNA_F

ClientSampleId :

SLNP-DEMO

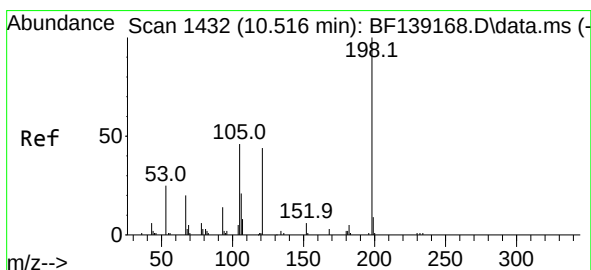
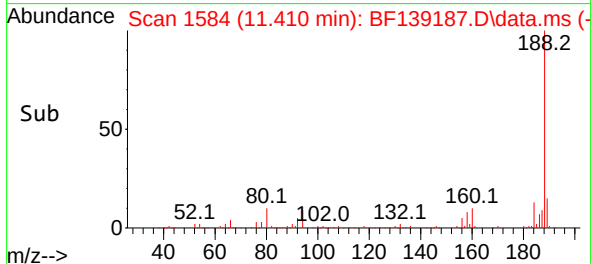
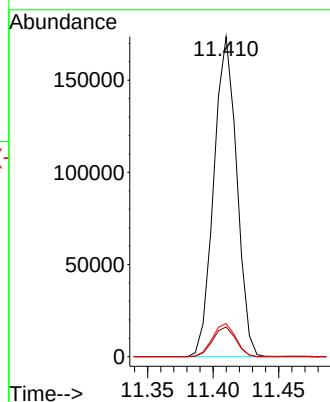
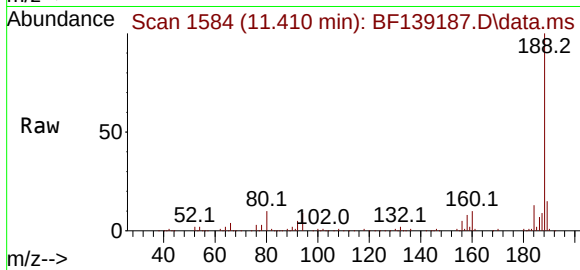
Tgt Ion:188 Resp: 211091

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.3 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.141 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

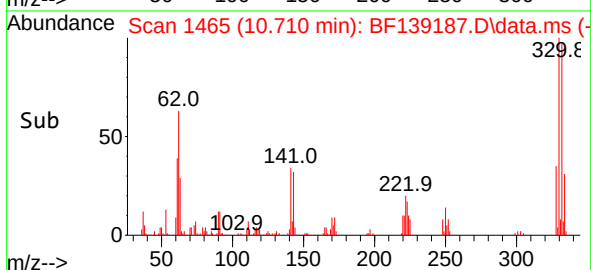
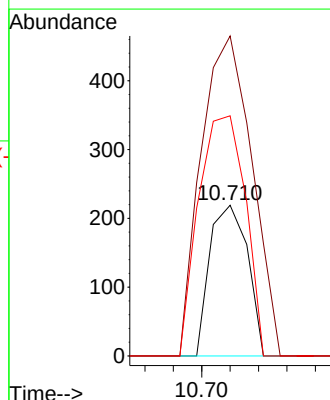
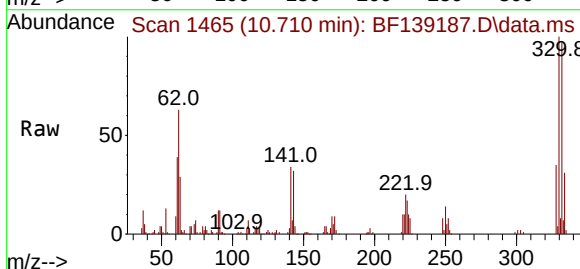
Tgt Ion:198 Resp: 202

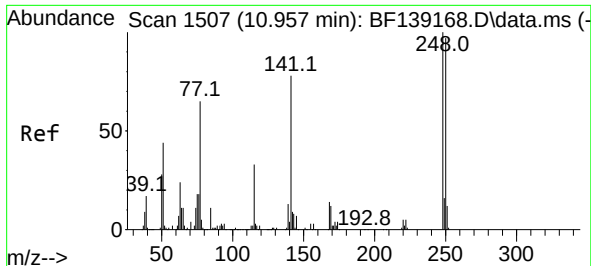
Ion Ratio Lower Upper

198 100

51 212.3 39.2 79.2#

105 159.4 29.3 69.3#





#67

4-Bromophenyl-phenylether

Concen: 3.331 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

Instrument :

BNA_F

ClientSampleId :

SLNP-DEMO

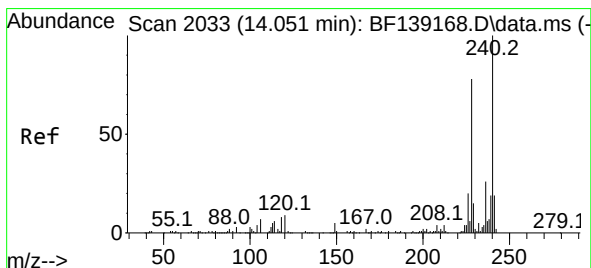
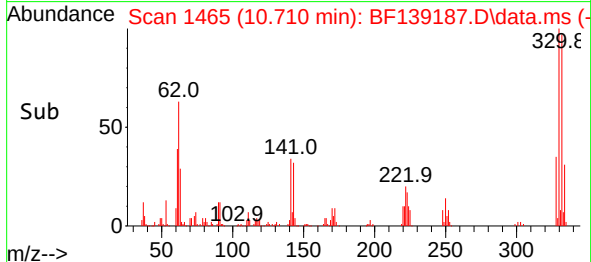
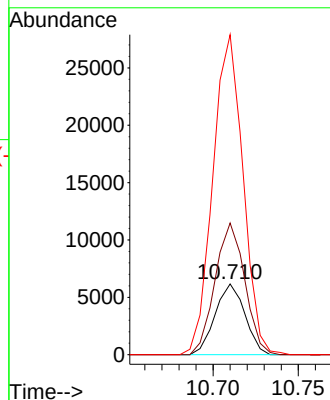
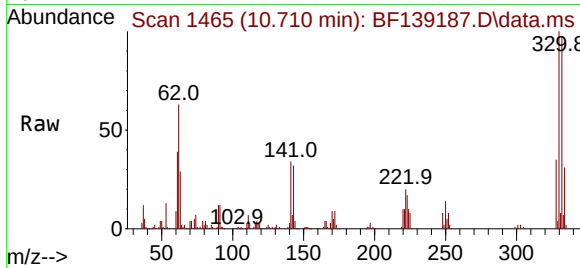
Tgt Ion:248 Resp: 7472

Ion Ratio Lower Upper

248 100

250 186.2 78.0 117.0#

141 452.3 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: BF139187.D

Acq: 27 Aug 2024 15:18

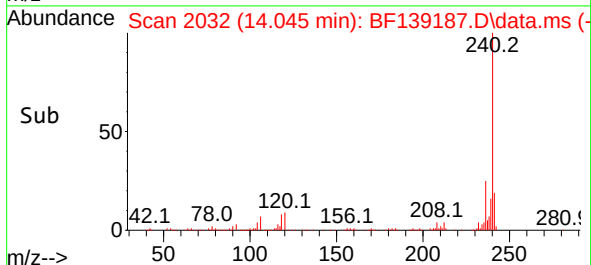
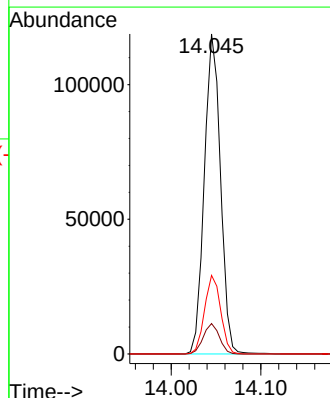
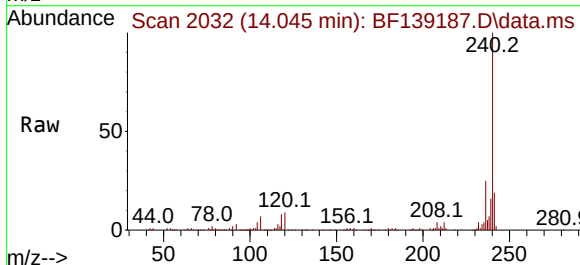
Tgt Ion:240 Resp: 148640

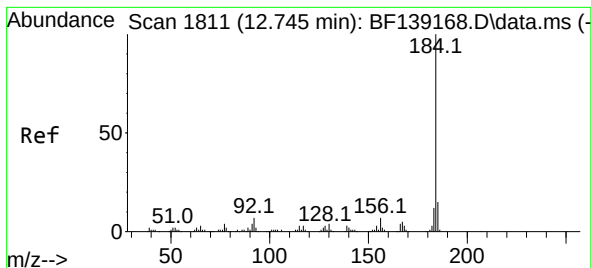
Ion Ratio Lower Upper

240 100

120 9.5 6.9 10.3

236 24.6 20.9 31.3





#77

Benzidine

Concen: 3.116 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

Instrument :

BNA_F

ClientSampleId :

SLNP-DEMO

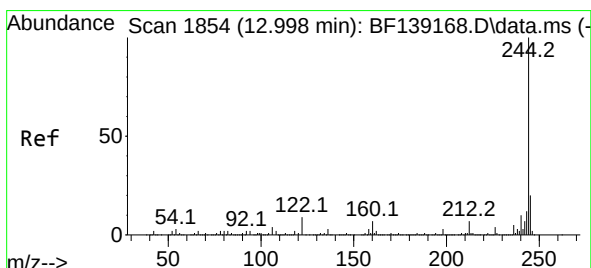
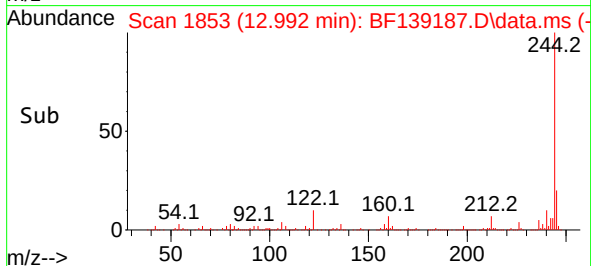
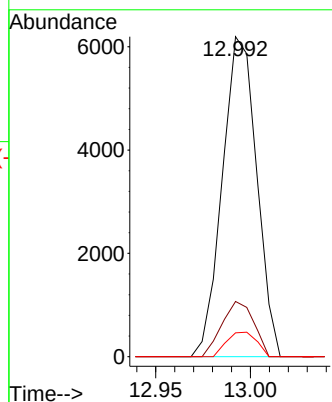
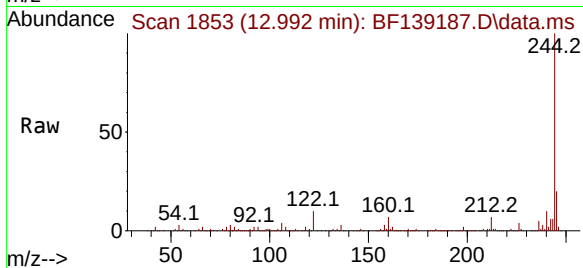
Tgt Ion:184 Resp: 7815

Ion Ratio Lower Upper

184 100

185 17.3 12.1 18.1

183 7.4 9.4 14.0#



#79

Terphenyl-d14

Concen: 60.240 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139187.D

Acq: 27 Aug 2024 15:18

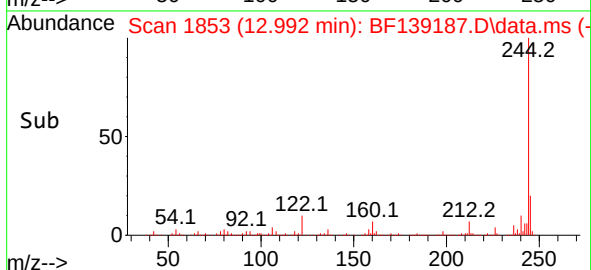
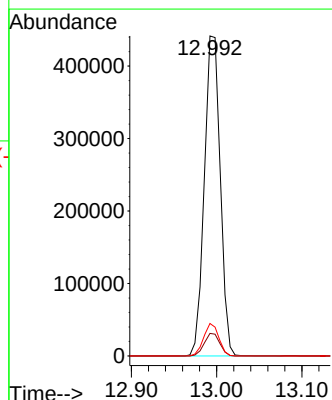
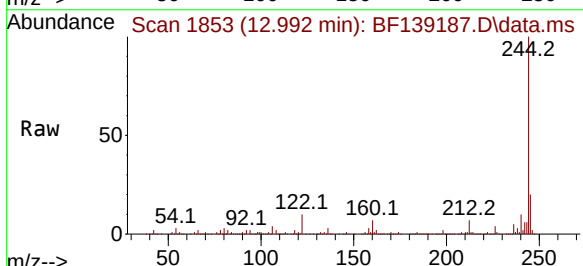
Tgt Ion:244 Resp: 573858

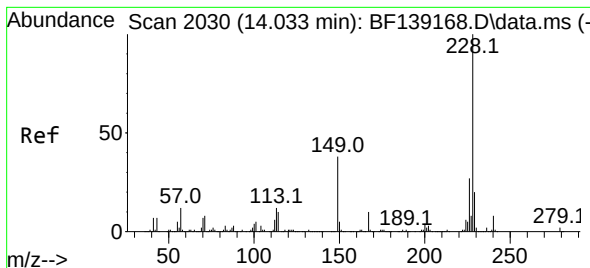
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.1 7.6 11.4

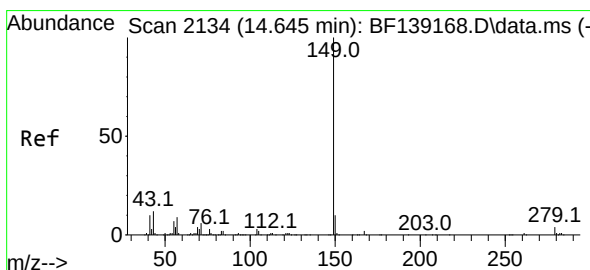
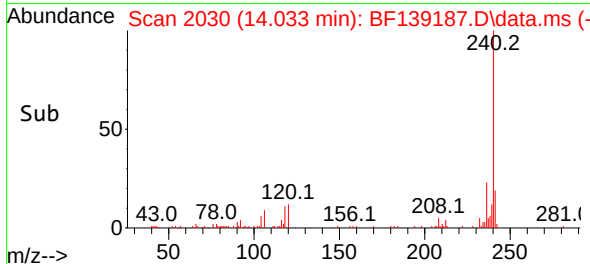
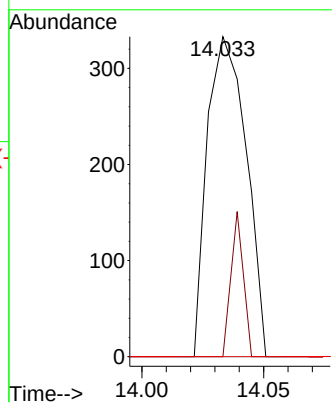
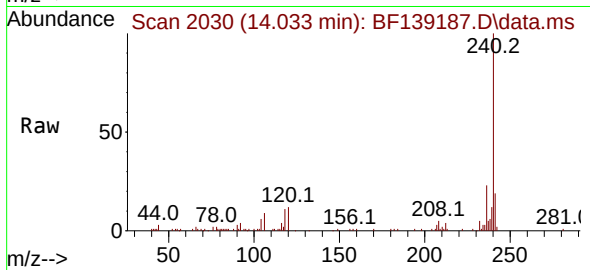




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.271 ng
 RT: 14.033 min Scan# 2030
 Delta R.T. 0.000 min
 Lab File: BF139187.D
 Acq: 27 Aug 2024 15:18

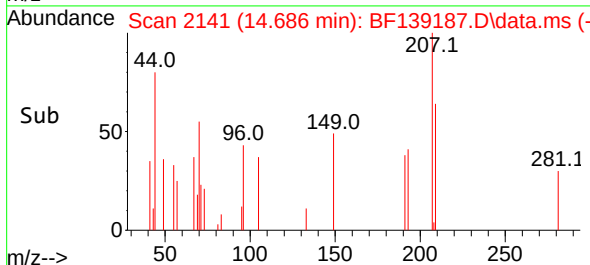
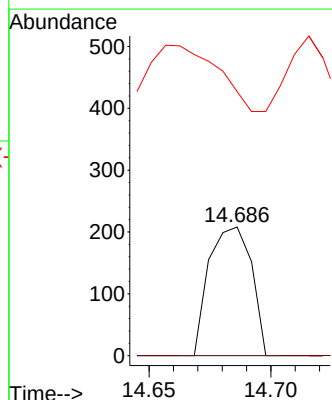
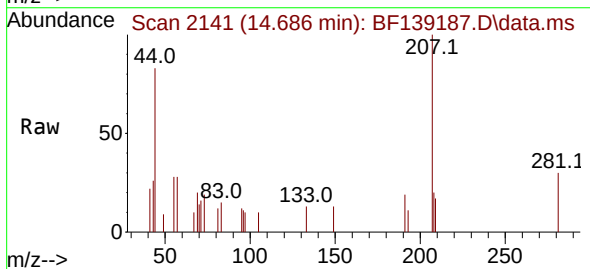
Instrument :
 BNA_F
 ClientSampleId :
 SLNP-DEMO

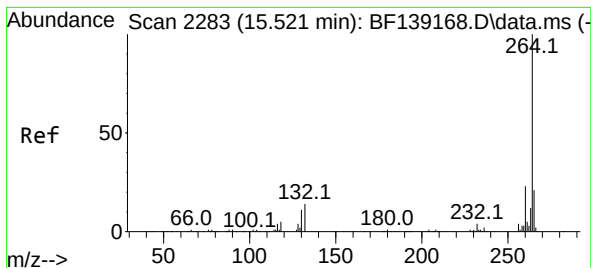
Tgt Ion:149 Resp: 370
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.3 31.9#
 279 0.0 3.4 5.0#



#85
 Di-n-octyl phthalate
 Concen: 8.984 ng
 RT: 14.686 min Scan# 2141
 Delta R.T. 0.041 min
 Lab File: BF139187.D
 Acq: 27 Aug 2024 15:18

Tgt Ion:149 Resp: 252
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 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: BF139187.D

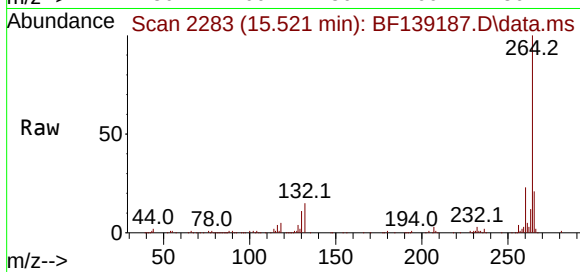
Acq: 27 Aug 2024 15:18

Instrument :

BNA_F

ClientSampleId :

SLNP-DEMO



Tgt Ion:264 Resp: 128673

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.5 17.0 25.6

