

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139185.D
 Acq On : 27 Aug 2024 14:17
 Operator : RC/JU
 Sample : P3717-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Aug 27 15:03:54 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

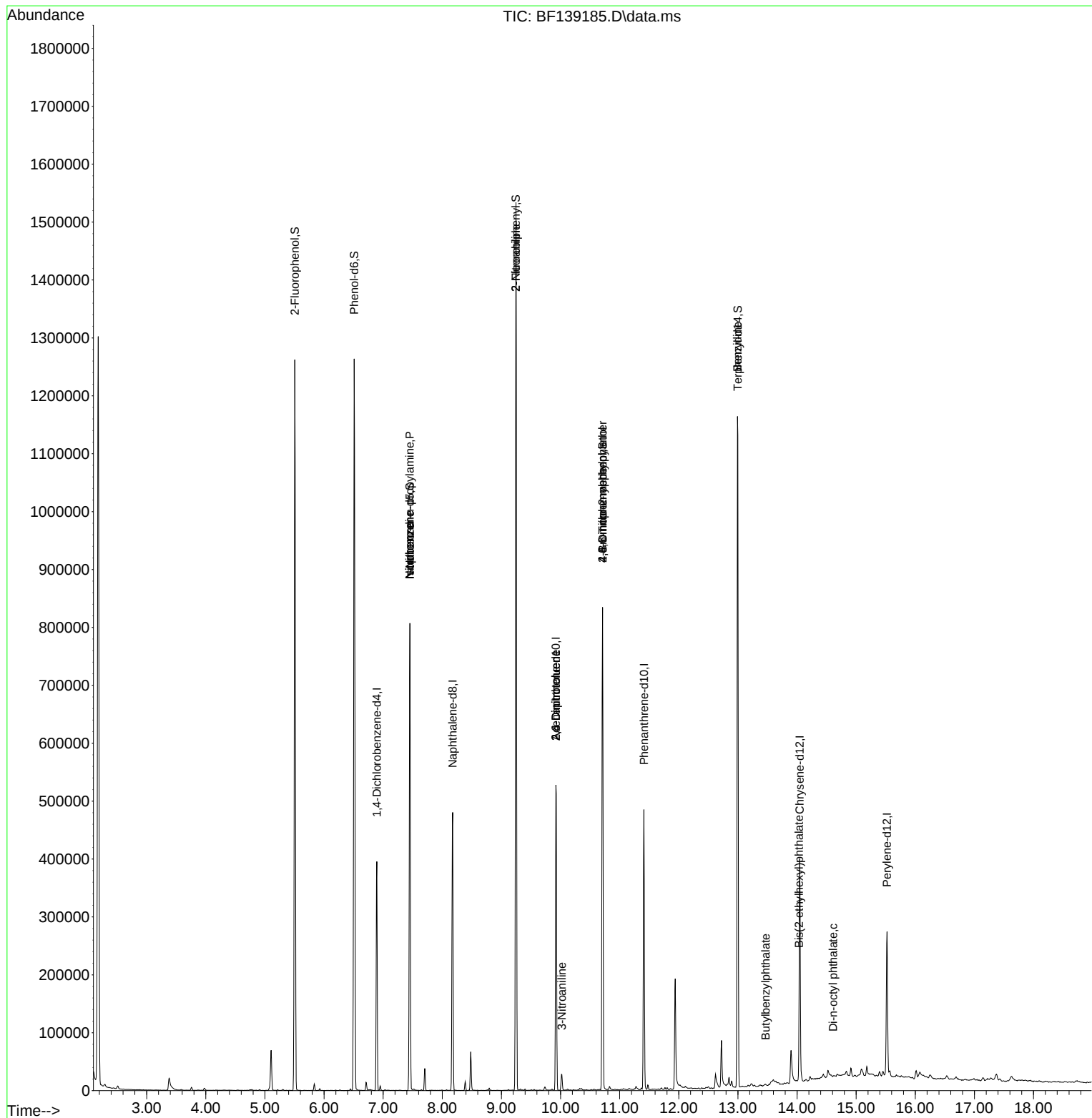
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	77327	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	281395	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	154571	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	240639	20.000	ng	0.00
76) Chrysene-d12	14.045	240	168659	20.000	ng	0.00
86) Perylene-d12	15.521	264	142969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	422662	91.847	ng	0.00
7) Phenol-d6	6.510	99	559667	88.617	ng	-0.01
23) Nitrobenzene-d5	7.451	82	346368	68.192	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	123449	93.252	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	618911	62.197	ng	0.00
79) Terphenyl-d14	12.998	244	564024	52.180	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	48592	12.864	ng	# 79
24) Nitrobenzene	7.451	77	1215	3.447	ng	# 40
25) Isophorone	7.451	82	342736	34.121	ng	# 68
48) 2-Nitroaniline	9.245	65	1248	6.197	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	19812	14.440	ng	# 14
53) 3-Nitroaniline	10.022	138	114	4.490	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	19812	13.093	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	239	7.152	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	8246	3.225	ng	# 1
77) Benzidine	12.992	184	7873	2.766	ng	# 93
80) Butylbenzylphthalate	13.469	149	117	4.509	ng	# 14
84) Bis(2-ethylhexyl)phtha...	14.033	149	1607	3.666	ng	# 93
85) Di-n-octyl phthalate	14.610	149	355	8.991	ng	# 1

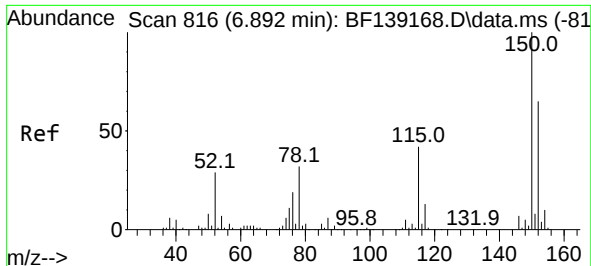
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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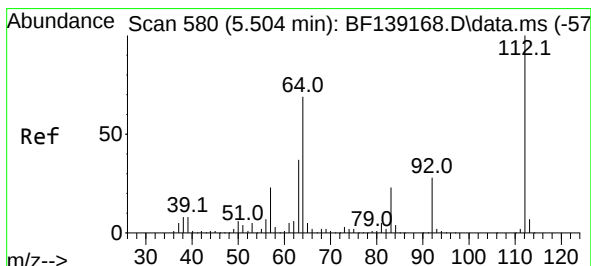
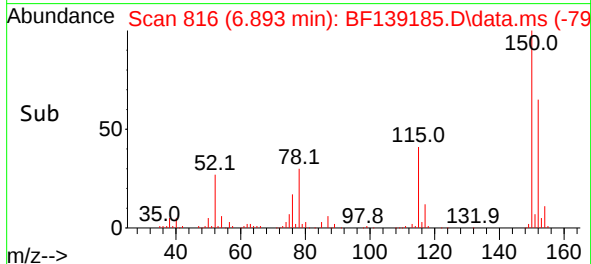
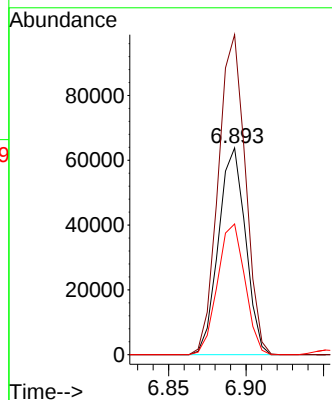
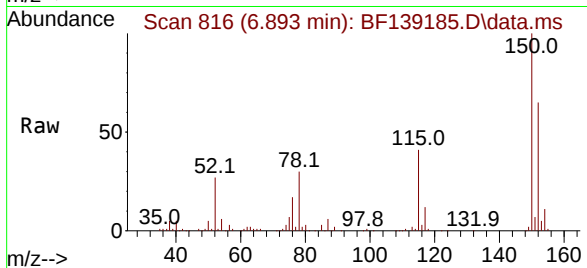




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

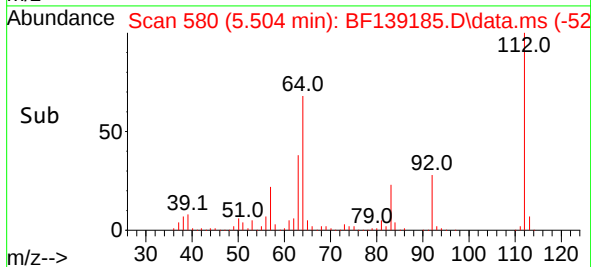
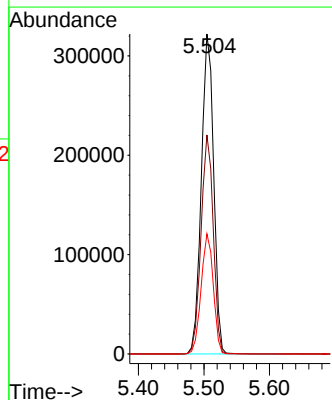
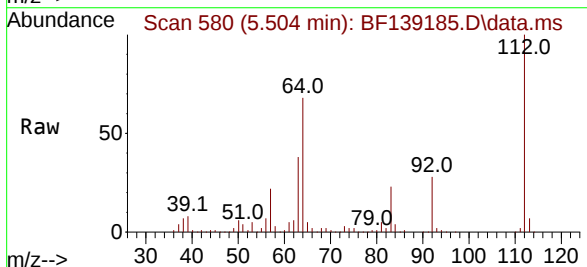
Instrument :
BNA_F
ClientSampleId :
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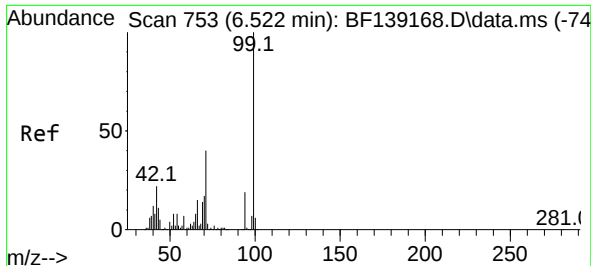
Tgt Ion:152 Resp: 77327
Ion Ratio Lower Upper
152 100
150 154.9 123.7 185.5
115 63.3 51.8 77.8



#5
2-Fluorophenol
Concen: 91.847 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

Tgt Ion:112 Resp: 422662
Ion Ratio Lower Upper
112 100
64 68.5 55.5 83.3
63 37.6 29.8 44.6

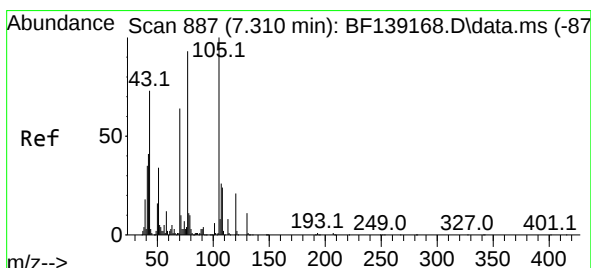
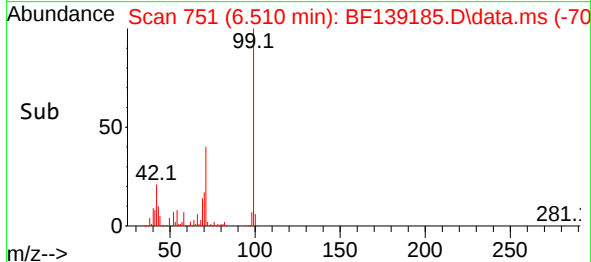
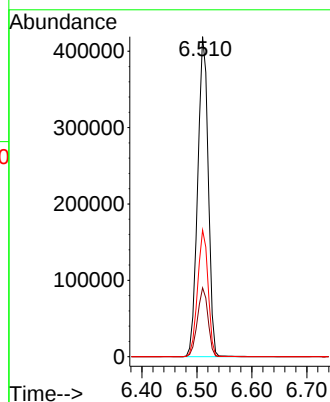
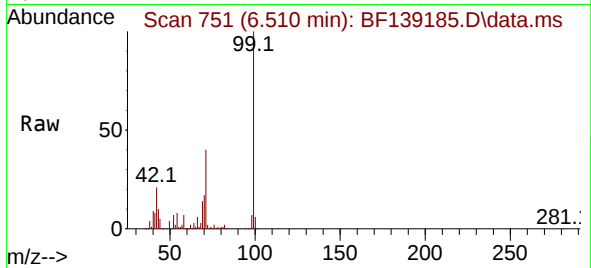




#7
Phenol-d6
Concen: 88.617 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

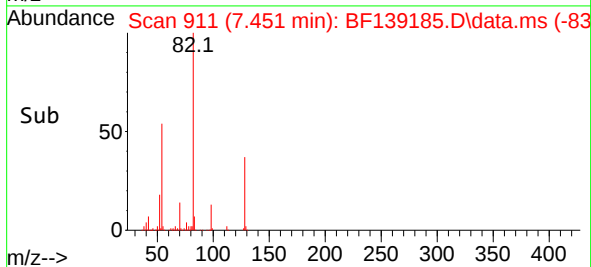
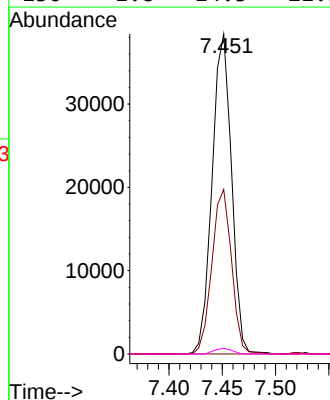
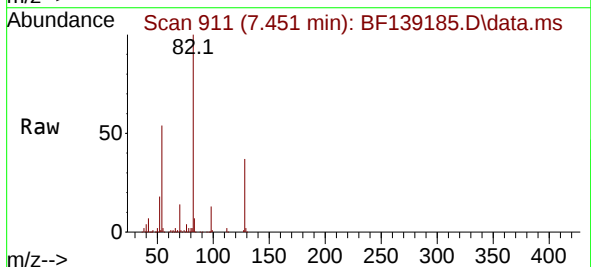
Instrument :
BNA_F
ClientSampleId :
TP-4

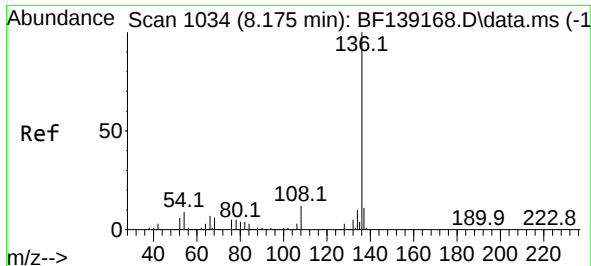
Tgt Ion: 99 Resp: 559667
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 39.6 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.864 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

Tgt Ion: 70 Resp: 48592
Ion Ratio Lower Upper
70 100
42 51.4 50.8 76.2
101 0.0 7.4 11.0#
130 1.8 14.3 21.5#

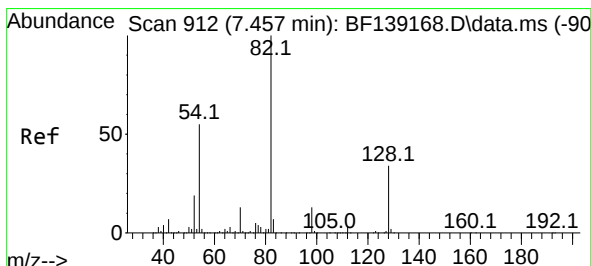
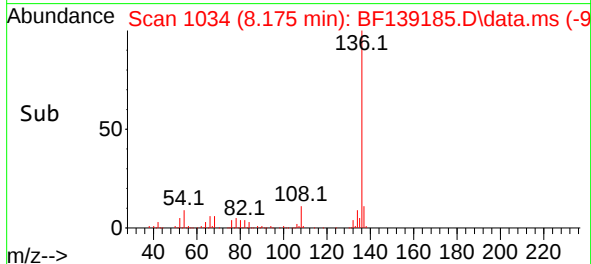
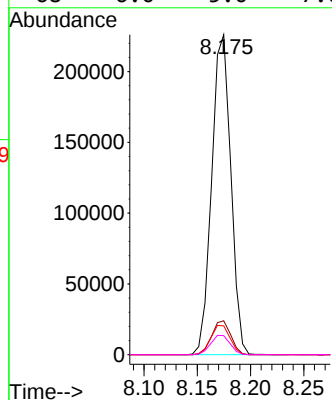
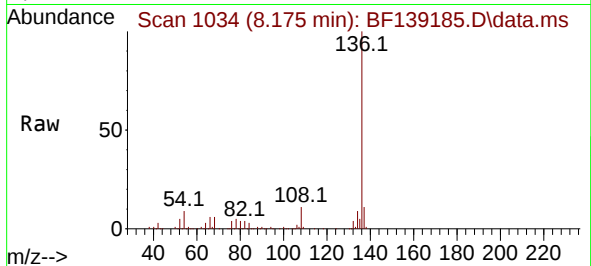




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

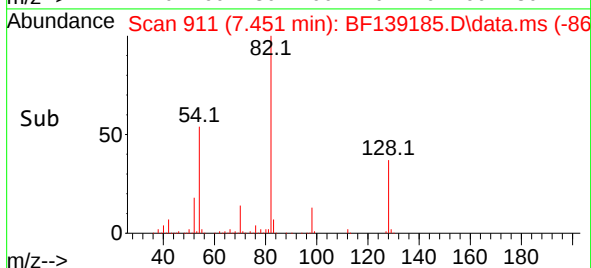
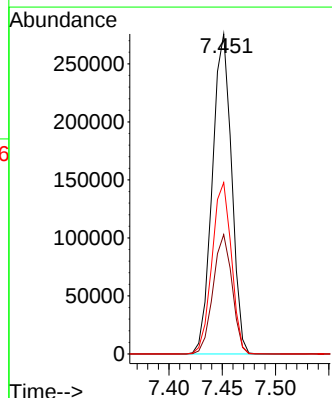
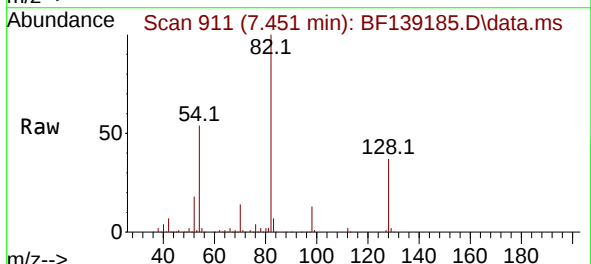
Instrument :
BNA_F
ClientSampleId :
TP-4

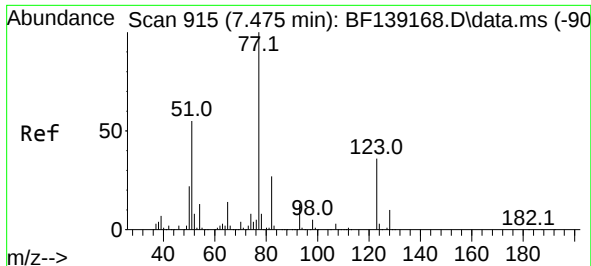
Tgt Ion:	136	Resp:	281395
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.0	7.6	11.4
68	6.0	5.0	7.6



#23
Nitrobenzene-d5
Concen: 68.192 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

Tgt Ion:	82	Resp:	346368
Ion	Ratio	Lower	Upper
82	100		
128	37.3	27.1	40.7
54	53.5	44.2	66.4

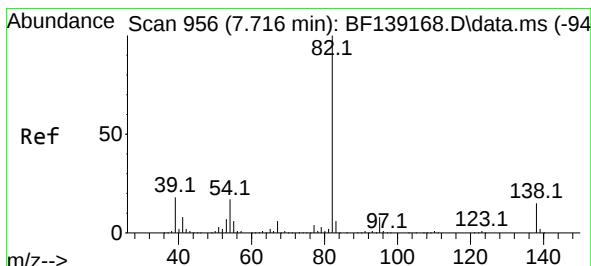
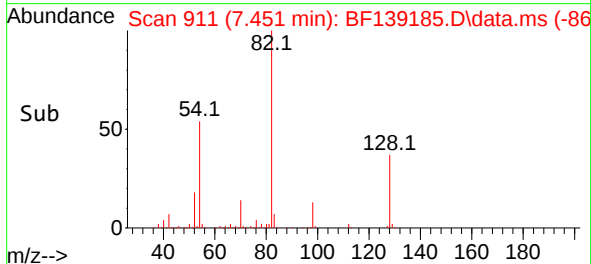
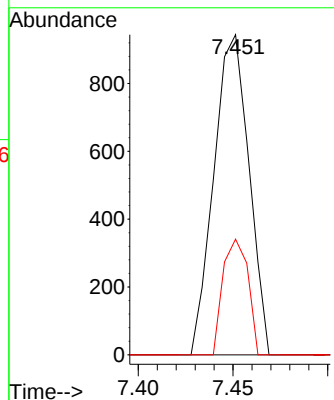
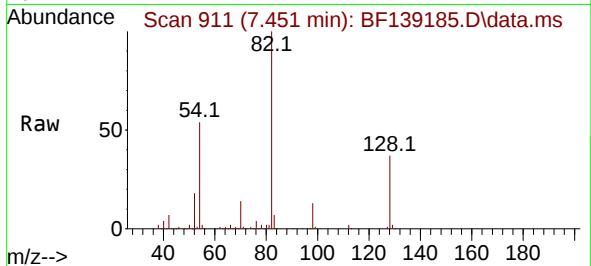




#24
Nitrobenzene
Concen: 3.447 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

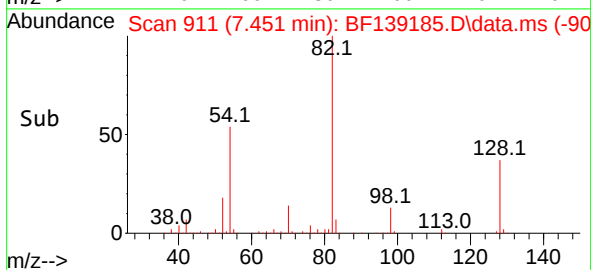
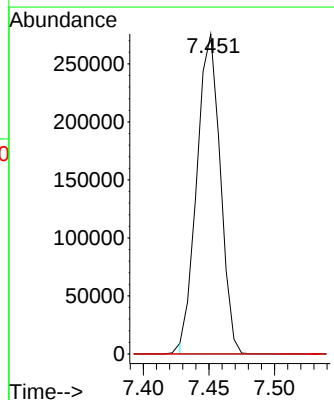
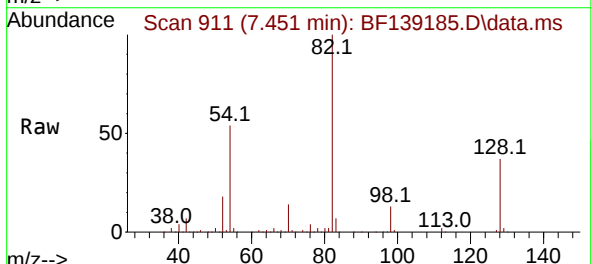
Instrument :
BNA_F
ClientSampleId :
TP-4

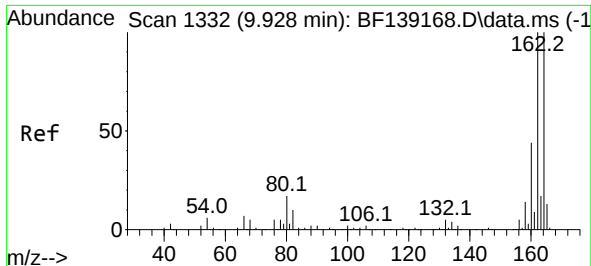
Tgt Ion: 77 Resp: 1215
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 36.1 10.9 16.3#



#25
Isophorone
Concen: 34.121 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

Tgt Ion: 82 Resp: 342736
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: BF139185.D

Acq: 27 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

TP-4

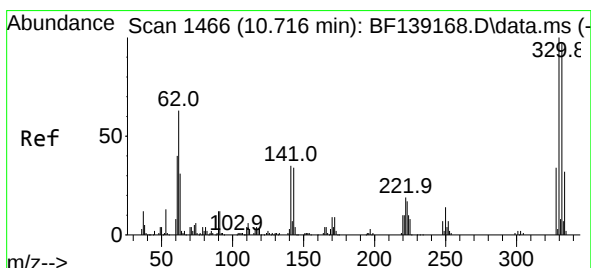
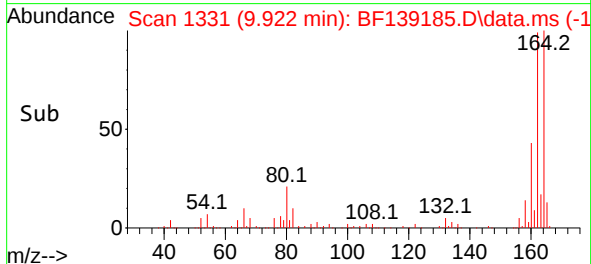
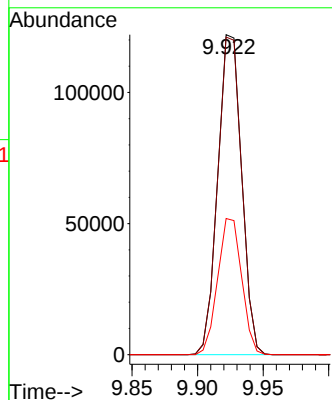
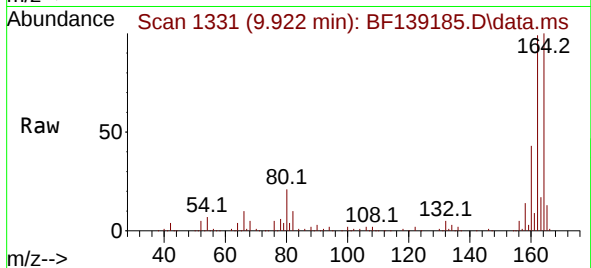
Tgt Ion:164 Resp: 154571

Ion Ratio Lower Upper

164 100

162 99.2 80.0 120.0

160 42.6 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 93.252 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139185.D

Acq: 27 Aug 2024 14:17

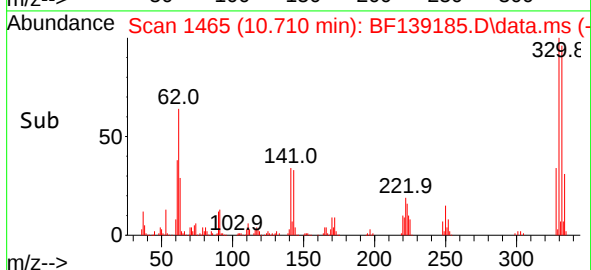
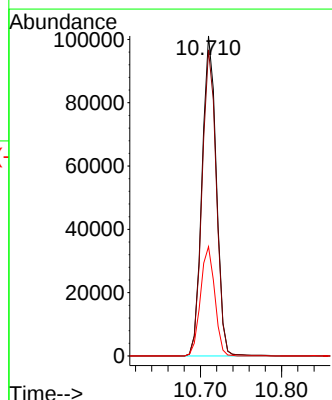
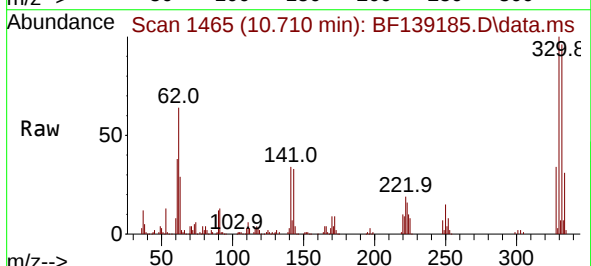
Tgt Ion:330 Resp: 123449

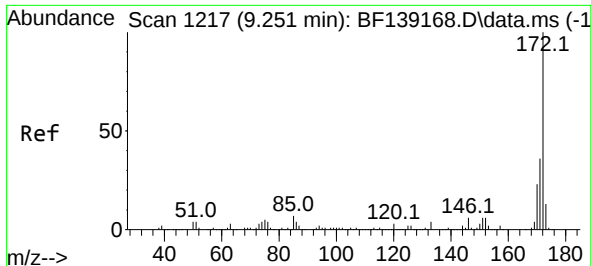
Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 34.0 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 62.197 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139185.D

Acq: 27 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

TP-4

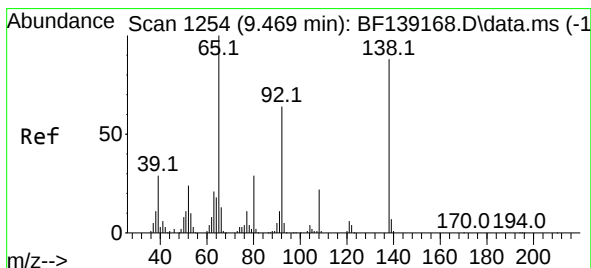
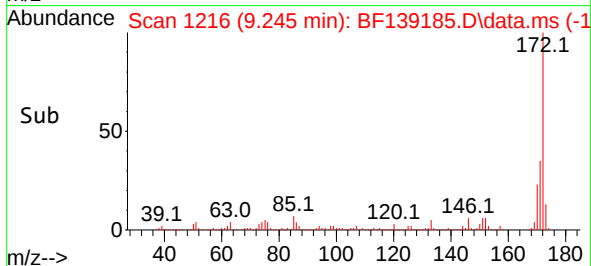
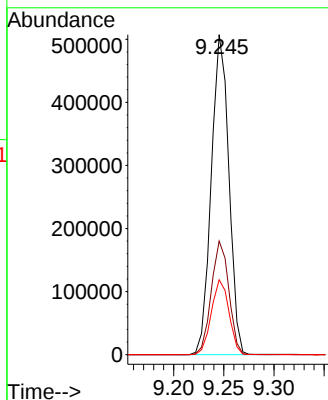
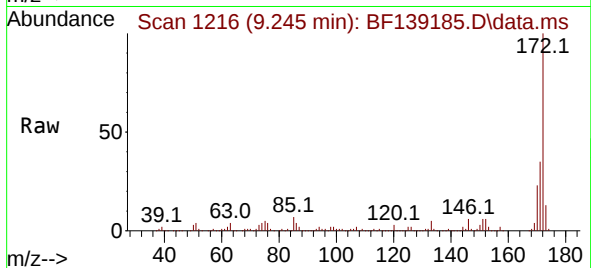
Tgt Ion:172 Resp: 618911

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.4 18.8 28.2



#48

2-Nitroaniline

Concen: 6.197 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.224 min

Lab File: BF139185.D

Acq: 27 Aug 2024 14:17

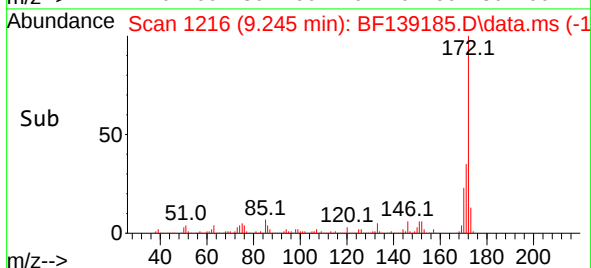
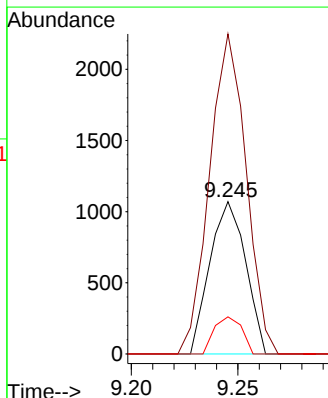
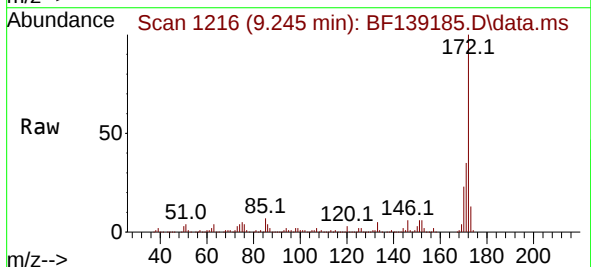
Tgt Ion: 65 Resp: 1248

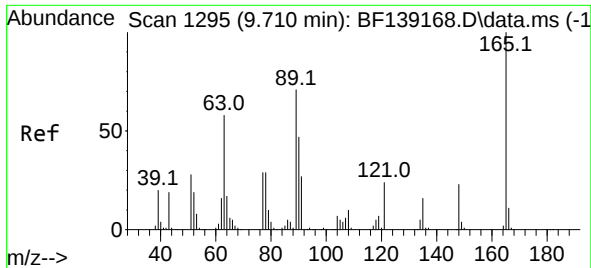
Ion Ratio Lower Upper

65 100

92 210.1 51.2 76.8#

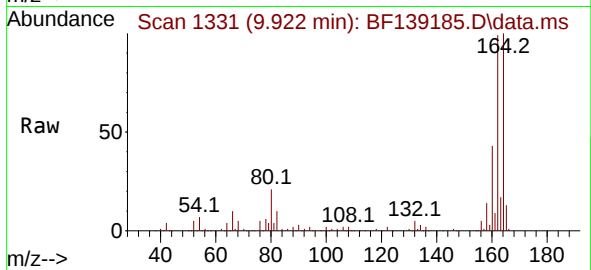
138 24.4 70.0 105.0#



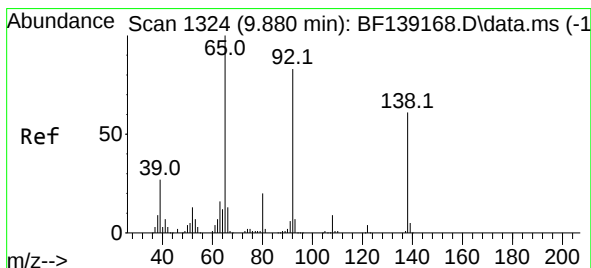
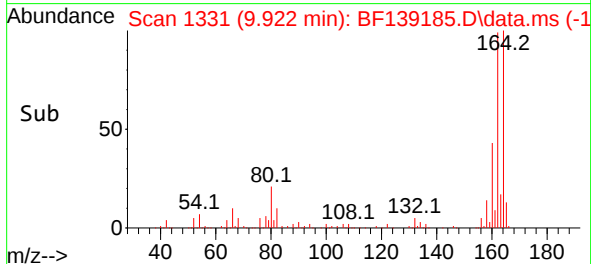
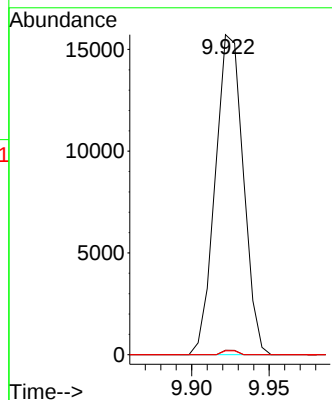


#51
2,6-Dinitrotoluene
Concen: 14.440 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

Instrument :
BNA_F
ClientSampleId :
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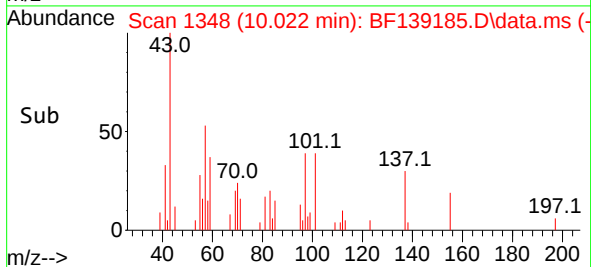
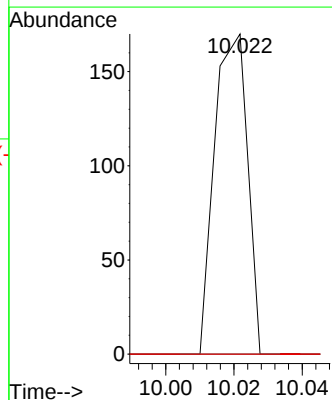
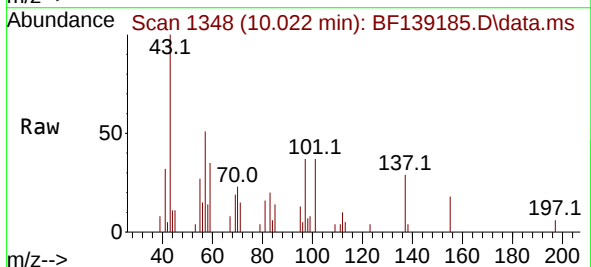


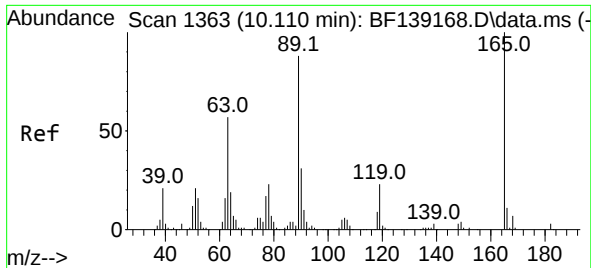
Tgt Ion:165 Resp: 19812
Ion Ratio Lower Upper
165 100
63 1.4 60.1 90.1#
89 1.2 57.0 85.6#



#53
3-Nitroaniline
Concen: 4.490 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.142 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

Tgt Ion:138 Resp: 114
Ion Ratio Lower Upper
138 100
108 0.0 11.8 17.6#
92 0.0 108.2 162.2#

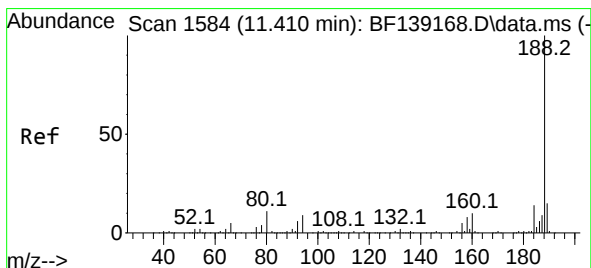
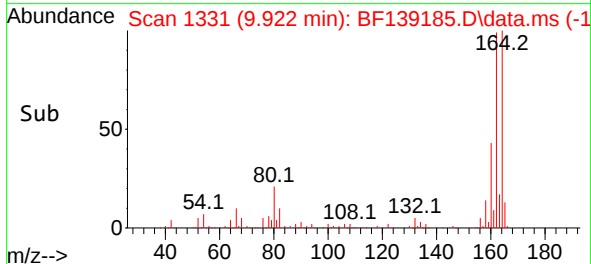
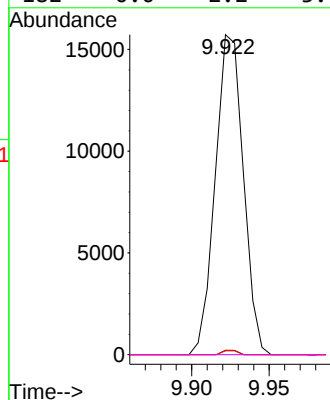
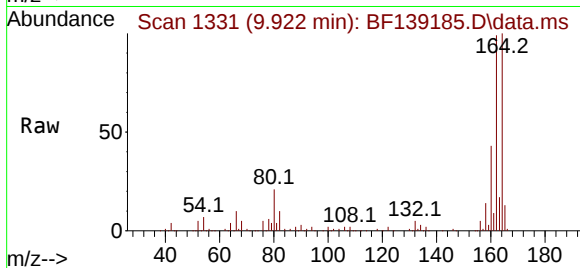




#57
2,4-Dinitrotoluene
Concen: 13.093 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

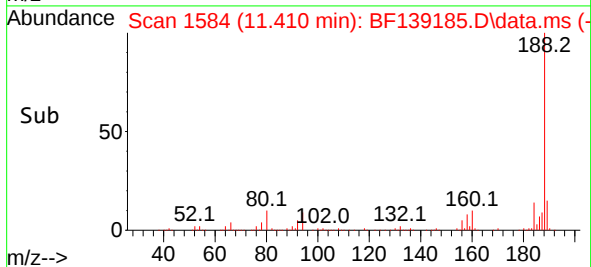
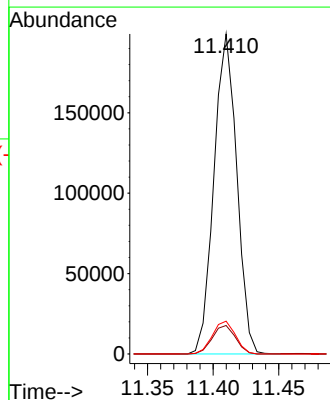
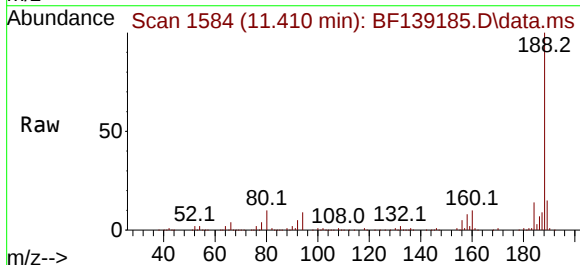
Instrument :
BNA_F
ClientSampleId :
TP-4

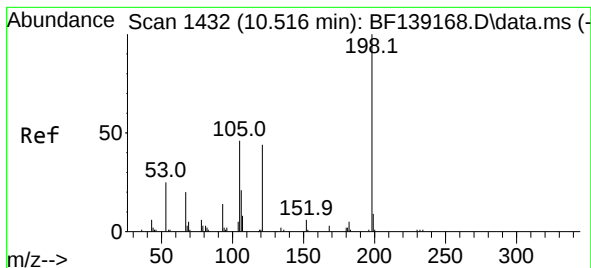
Tgt Ion:165	Resp:	19812
Ion Ratio	Lower	Upper
165	100	
63	1.4	46.2 69.2#
89	1.2	70.2 105.4#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

Tgt Ion:188	Resp:	240639
Ion Ratio	Lower	Upper
188	100	
94	8.9	7.4 11.2
80	10.3	8.9 13.3

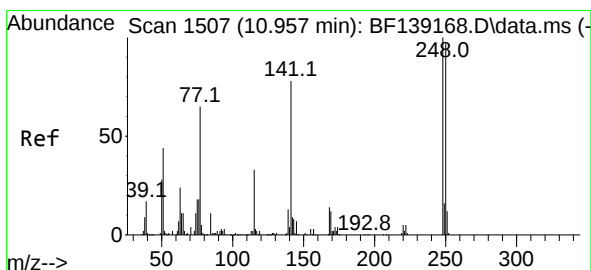
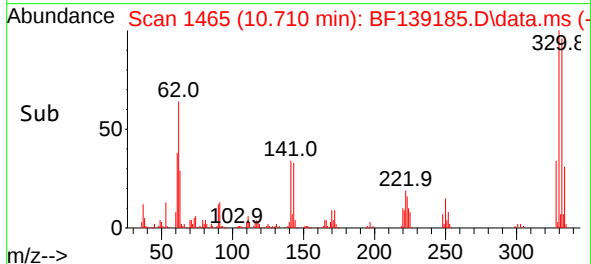
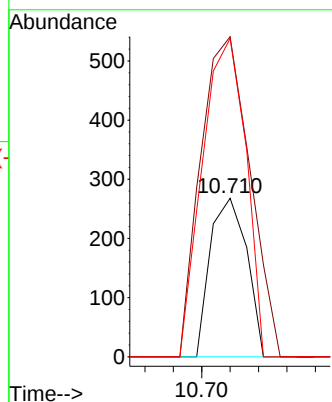
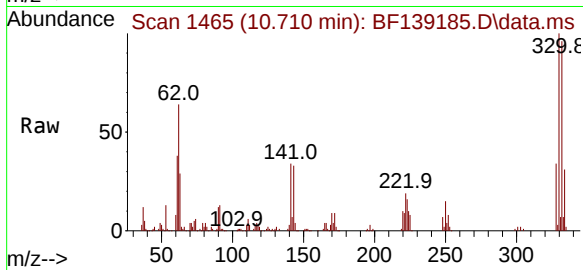




#65
4,6-Dinitro-2-methylphenol
Concen: 7.152 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.194 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

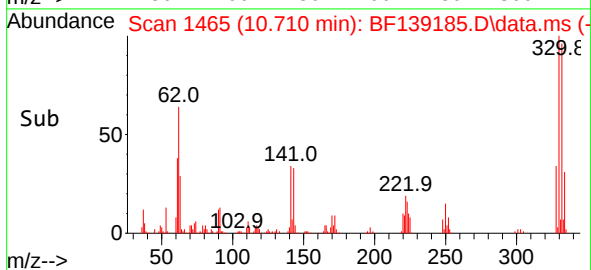
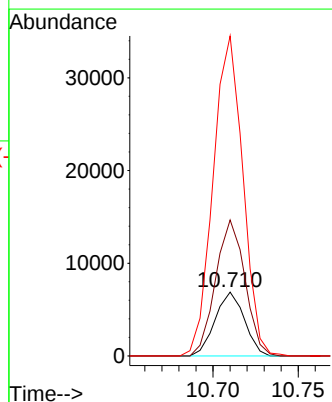
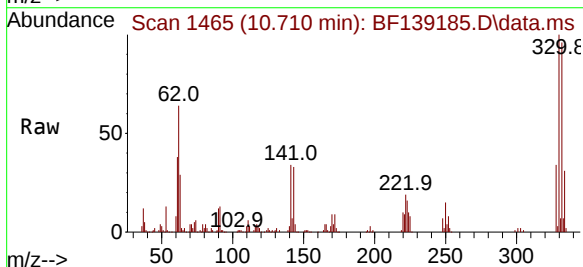
Instrument :
BNA_F
ClientSampleId :
TP-4

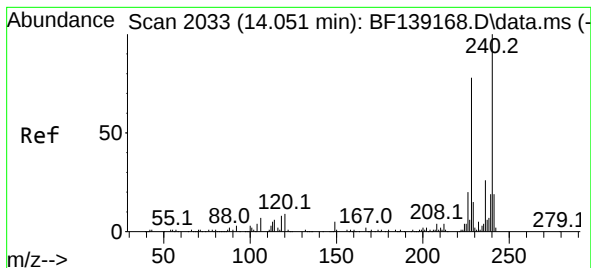
Tgt Ion:198 Resp: 239
Ion Ratio Lower Upper
198 100
51 201.9 39.2 79.2#
105 200.7 29.3 69.3#



#67
4-Bromophenyl-phenylether
Concen: 3.225 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

Tgt Ion:248 Resp: 8246
Ion Ratio Lower Upper
248 100
250 213.2 78.0 117.0#
141 501.3 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: BF139185.D

Acq: 27 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

TP-4

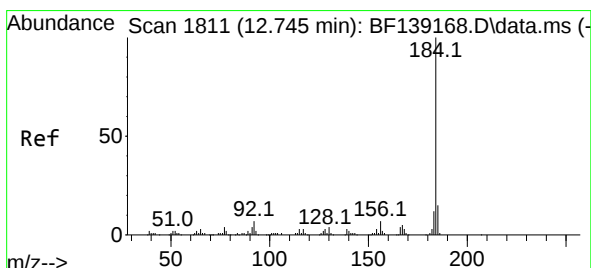
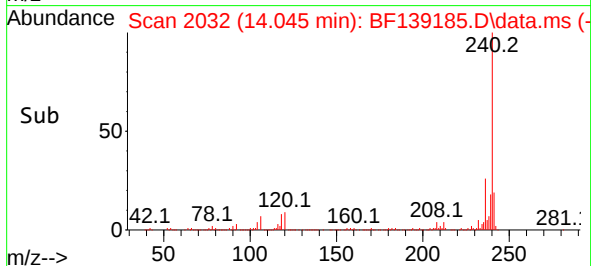
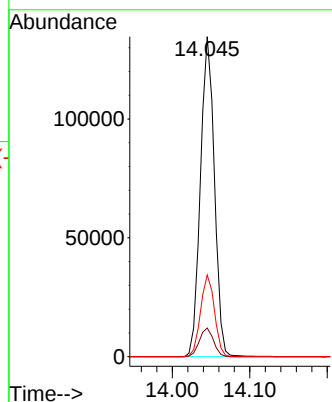
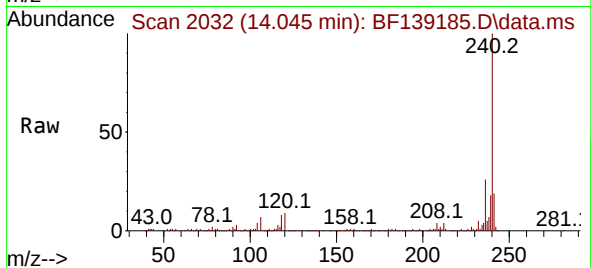
Tgt Ion:240 Resp: 168659

Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

236 25.5 20.9 31.3



#77

Benidine

Concen: 2.766 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF139185.D

Acq: 27 Aug 2024 14:17

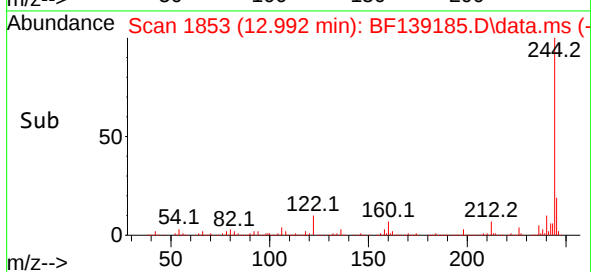
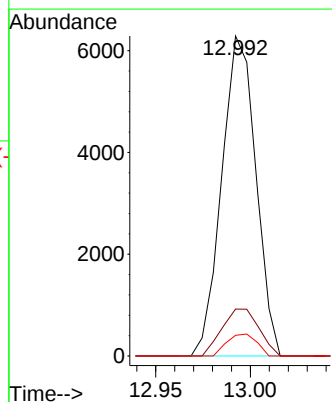
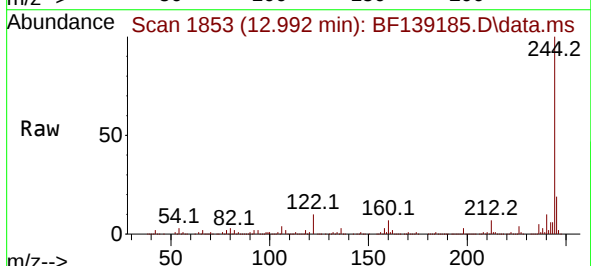
Tgt Ion:184 Resp: 7873

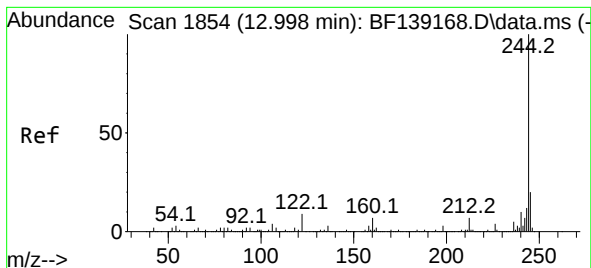
Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

183 6.5 9.4 14.0#





#79

Terphenyl-d14

Concen: 52.180 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139185.D

Acq: 27 Aug 2024 14:17

Instrument :

BNA_F

ClientSampleId :

TP-4

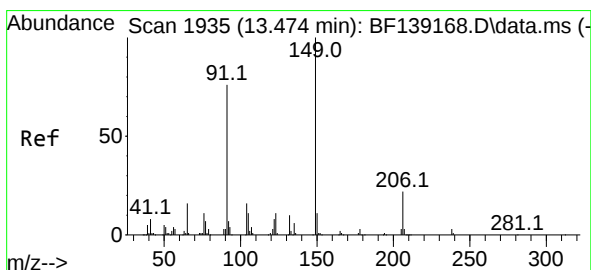
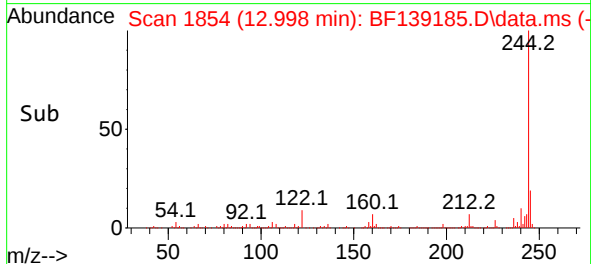
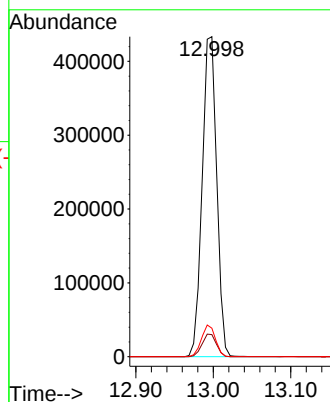
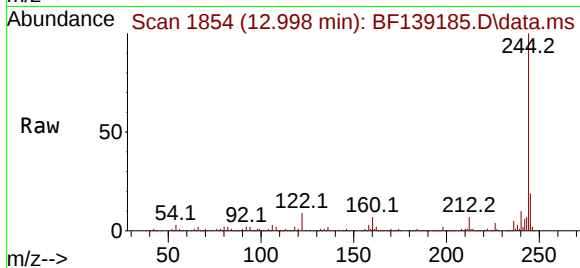
Tgt Ion:244 Resp: 564024

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 8.9 7.6 11.4



#80

Butylbenzylphthalate

Concen: 4.509 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.005 min

Lab File: BF139185.D

Acq: 27 Aug 2024 14:17

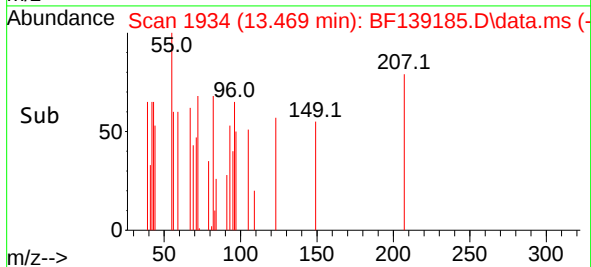
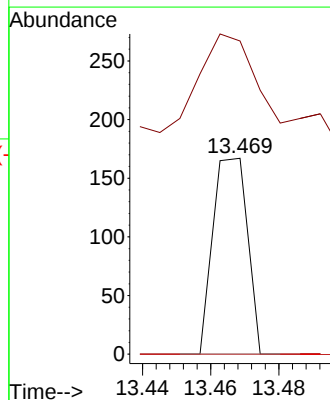
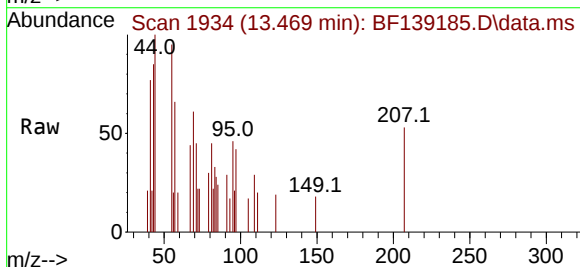
Tgt Ion:149 Resp: 117

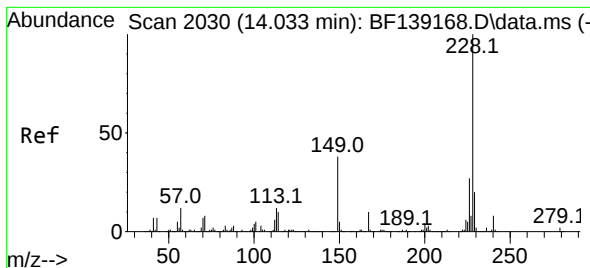
Ion Ratio Lower Upper

149 100

91 159.9 60.9 91.3#

206 0.0 17.7 26.5#

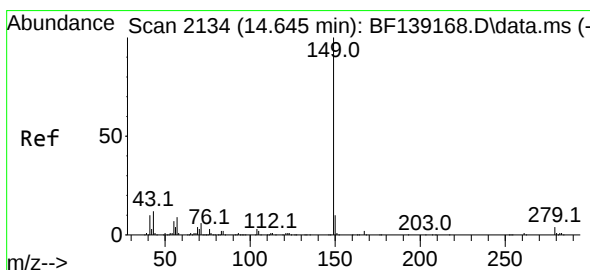
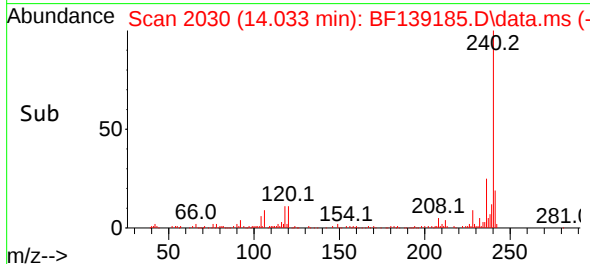
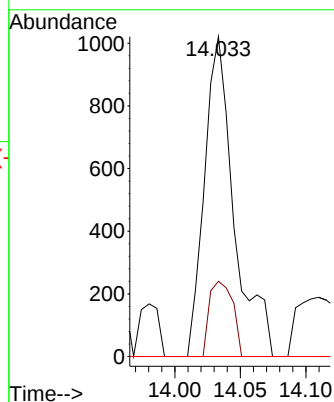
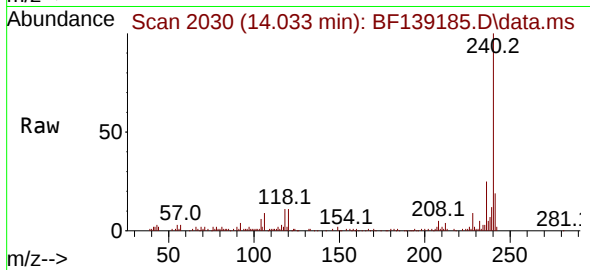




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.666 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

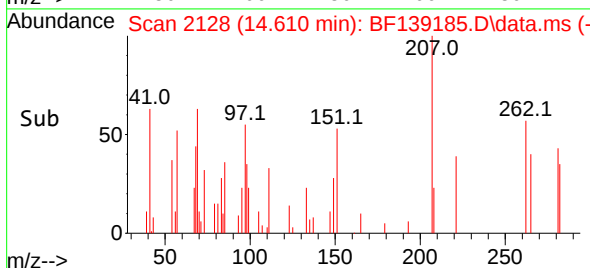
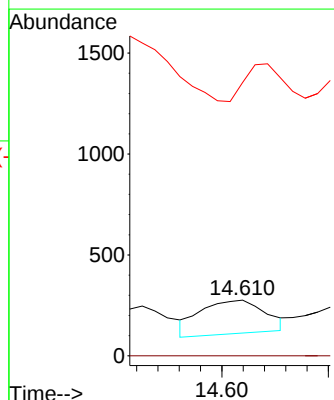
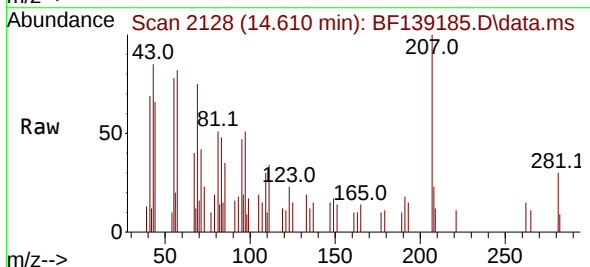
Instrument :
BNA_F
ClientSampleId :
TP-4

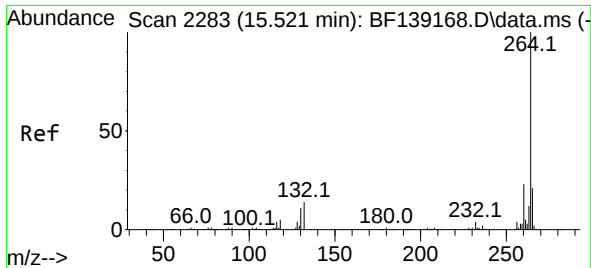
Tgt Ion:149 Resp: 1607
Ion Ratio Lower Upper
149 100
167 23.5 21.3 31.9
279 0.0 3.4 5.0#



#85
Di-n-octyl phthalate
Concen: 8.991 ng
RT: 14.610 min Scan# 2128
Delta R.T. -0.035 min
Lab File: BF139185.D
Acq: 27 Aug 2024 14:17

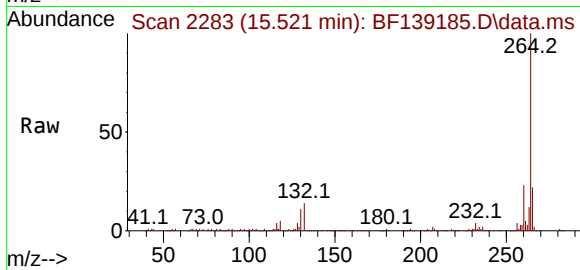
Tgt Ion:149 Resp: 355
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 81.4 9.9 14.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139185.D
 Acq: 27 Aug 2024 14:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-4



Tgt Ion:264 Resp: 142969
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 21.5 17.0 25.6

