

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139766.D
 Acq On : 11 Oct 2024 10:58
 Operator : RC/JU
 Sample : P4364-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-4.5-5.0

Quant Time: Oct 11 12:16:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

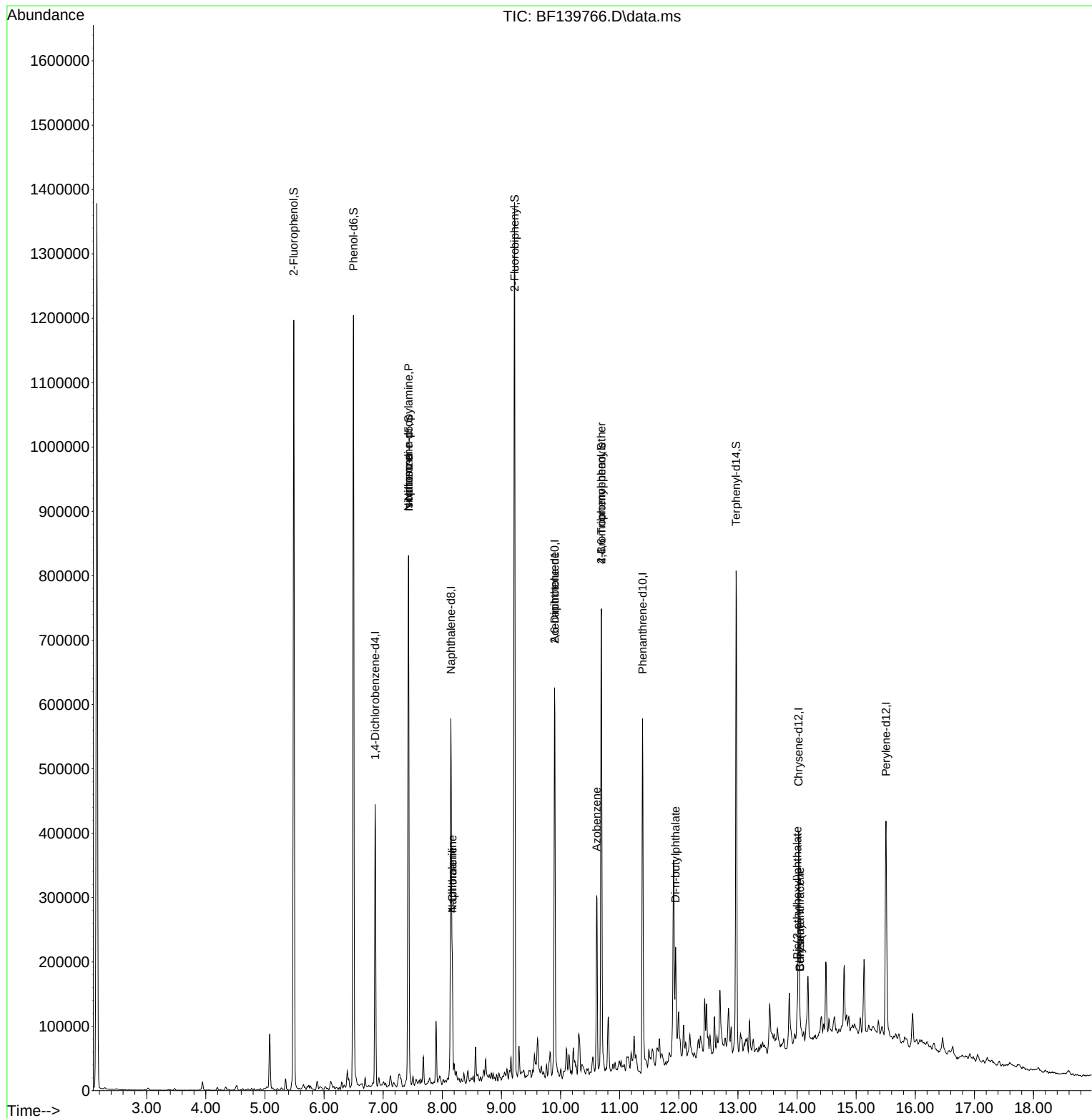
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	86523	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	331745	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	177862	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	281292	20.000	ng	0.00
76) Chrysene-d12	14.027	240	140104	20.000	ng	0.00
86) Perylene-d12	15.504	264	179767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	411824	82.497	ng	0.00
7) Phenol-d6	6.498	99	537827	80.116	ng	0.00
23) Nitrobenzene-d5	7.428	82	349678	53.367	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	114592	66.741	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	585601	50.545	ng	0.00
79) Terphenyl-d14	12.969	244	355967	41.689	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.428	70	46127	10.688	ng	# 76
25) Isophorone	7.428	82	344914	29.638	ng	# 67
31) Naphthalene	8.169	128	105569	6.224	ng	99
33) 4-Chloroaniline	8.169	127	14038	2.445	ng	# 34
51) 2,6-Dinitrotoluene	9.898	165	24297	9.238	ng	# 18
63) Azobenzene	10.610	77	70520	5.831	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	7869	2.728	ng	# 1
74) Di-n-butylphthalate	11.945	149	103839	6.776	ng	99
81) Benzo(a)anthracene	14.051	228	31122	3.379	ng	# 72
83) Chrysene	14.051	228	31122	3.696	ng	# 76
84) Bis(2-ethylhexyl)phtha...	14.004	149	16411	2.932	ng	98

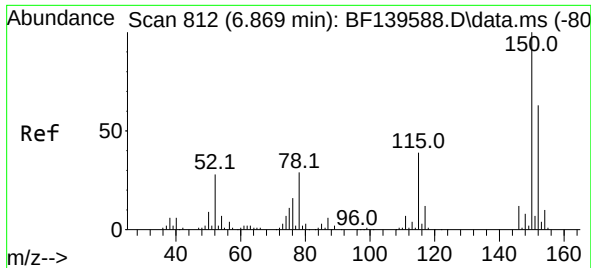
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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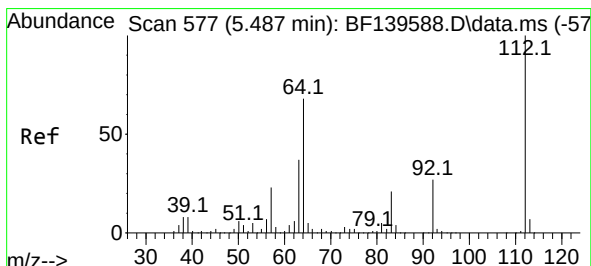
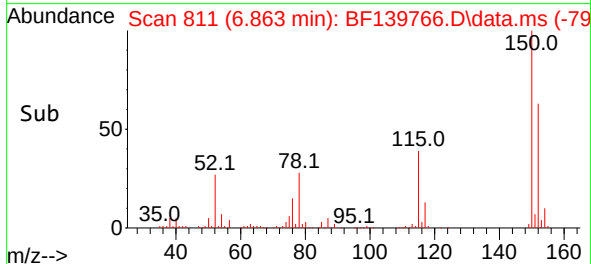
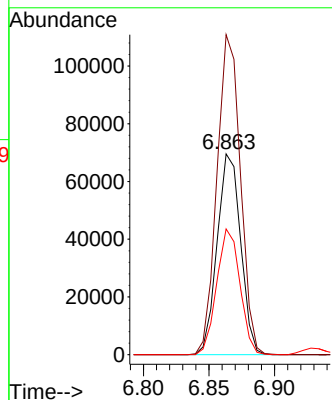
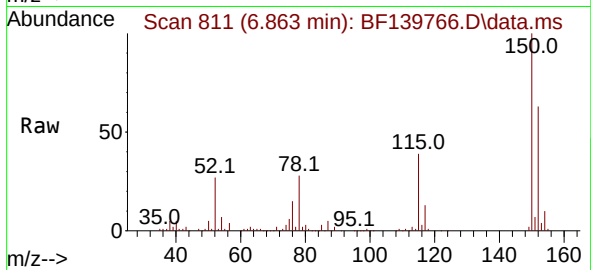




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

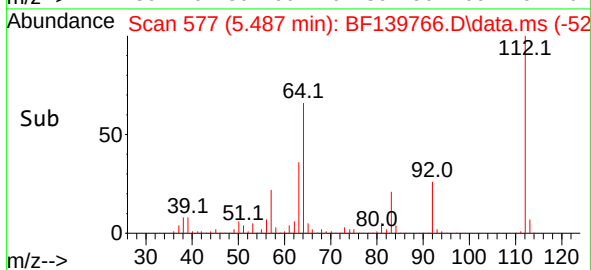
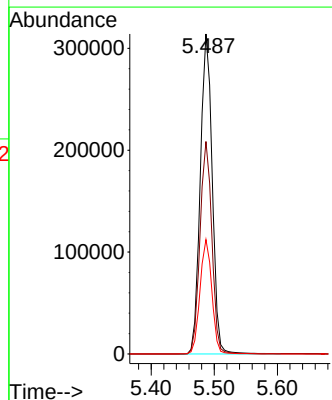
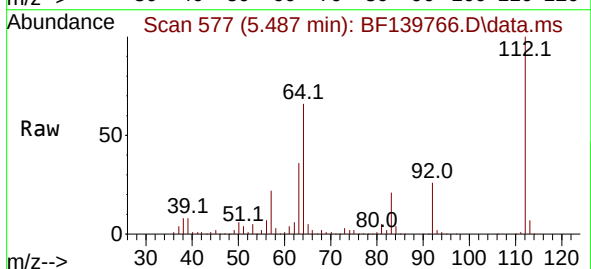
Instrument :
BNA_F
ClientSampleId :
SB-04-4.5-5.0

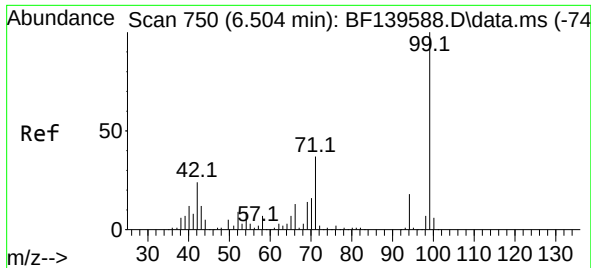
Tgt Ion:152 Resp: 86523
Ion Ratio Lower Upper
152 100
150 159.3 127.2 190.8
115 62.6 49.0 73.4



#5
2-Fluorophenol
Concen: 82.497 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Tgt Ion:112 Resp: 411824
Ion Ratio Lower Upper
112 100
64 66.4 54.2 81.4
63 35.8 29.4 44.2

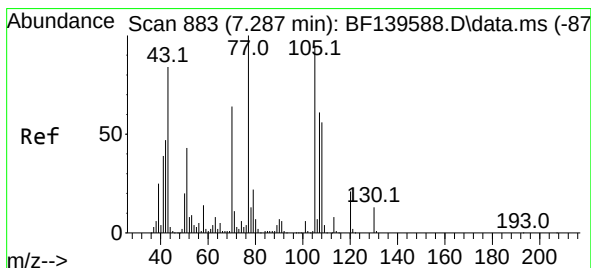
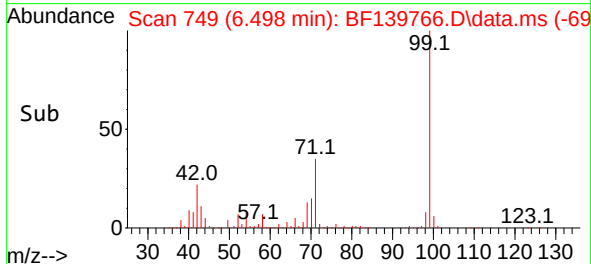
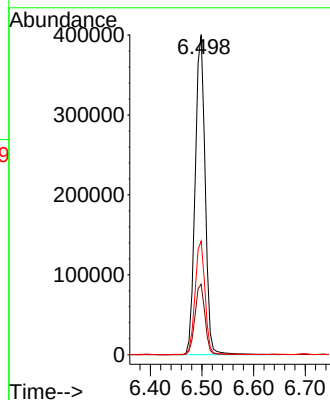
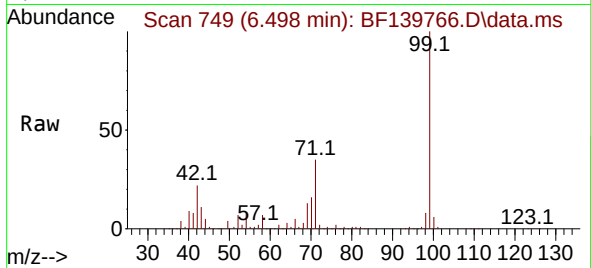




#7
Phenol-d6
Concen: 80.116 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

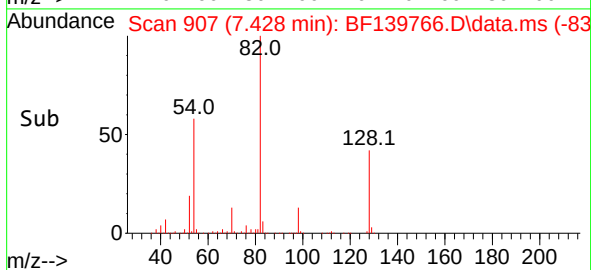
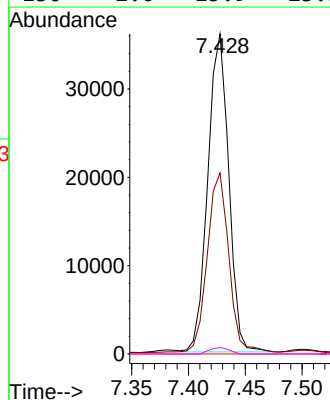
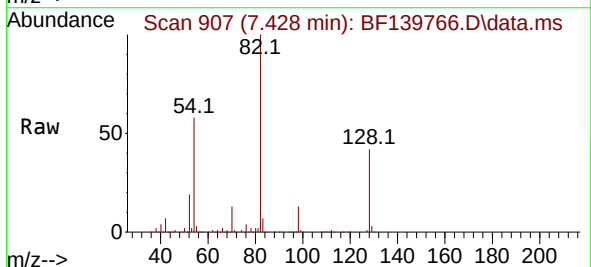
Instrument :
BNA_F
ClientSampleId :
SB-04-4.5-5.0

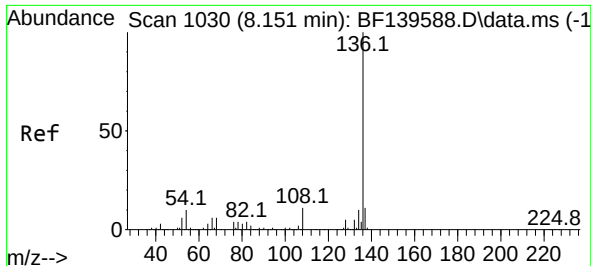
Tgt Ion: 99 Resp: 537827
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 35.5 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.688 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Tgt Ion: 70 Resp: 46127
Ion Ratio Lower Upper
70 100
42 56.6 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 15.9 23.9#

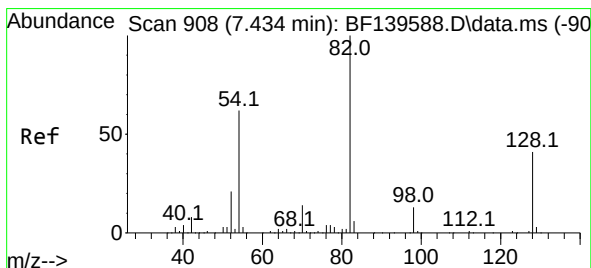
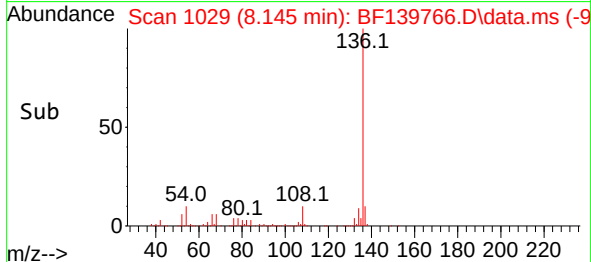
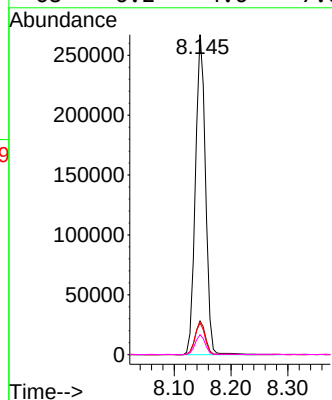
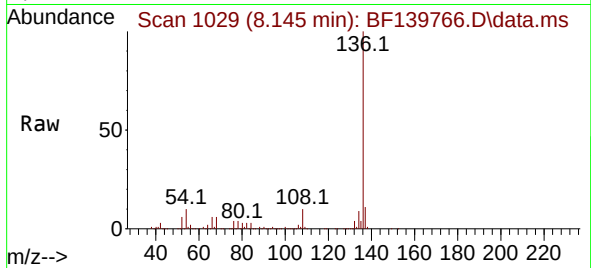




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

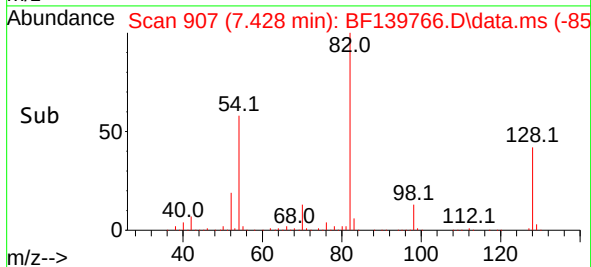
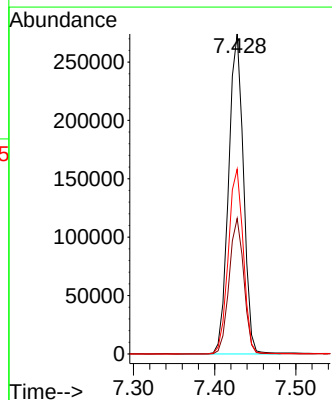
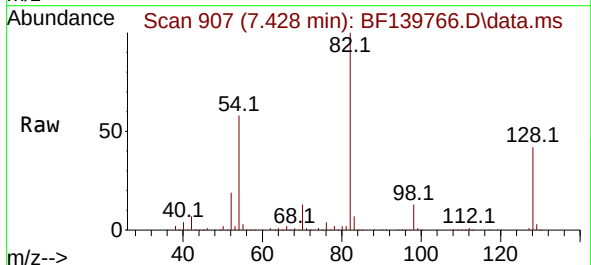
Instrument :
BNA_F
ClientSampleId :
SB-04-4.5-5.0

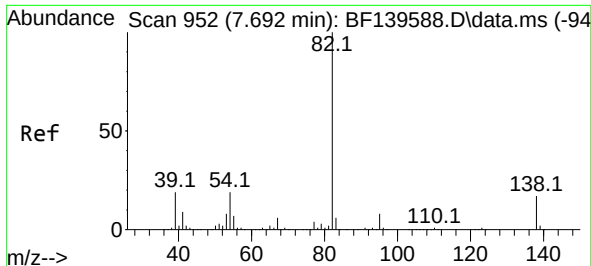
Tgt	Ion:136	Resp:	331745
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.9	8.3	12.5
68	6.2	4.6	7.0



#23
Nitrobenzene-d5
Concen: 53.367 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Tgt Ion: 82	Resp: 349678
Ion Ratio	Lower Upper
82 100	
128 42.4	32.4 48.6
54 57.8	49.1 73.7

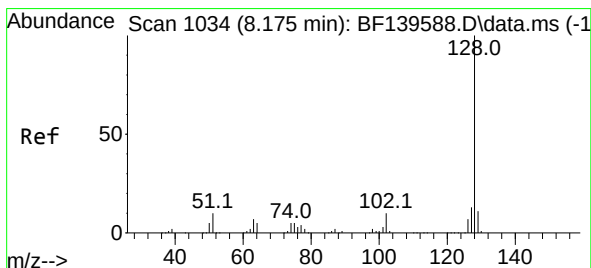
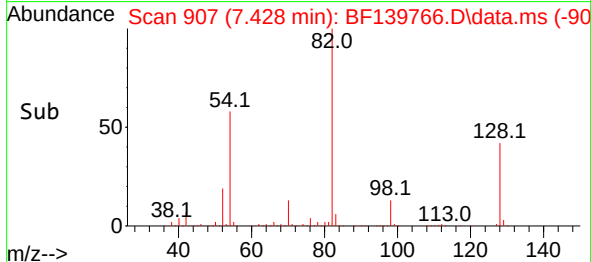
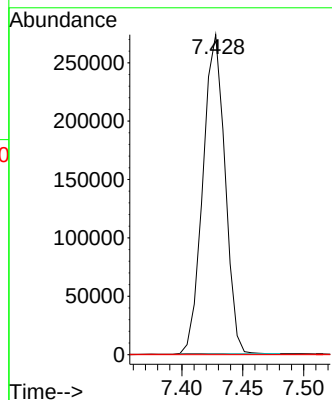
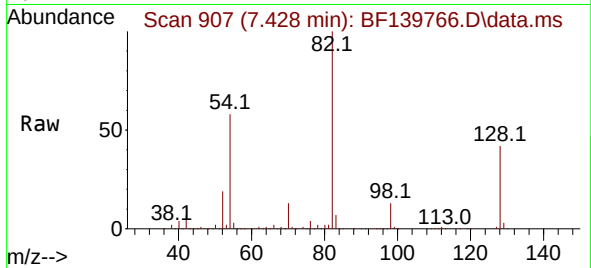




#25
Isophorone
Concen: 29.638 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

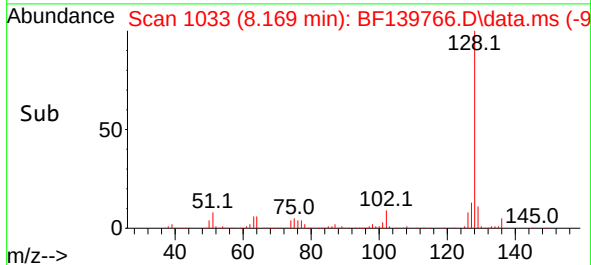
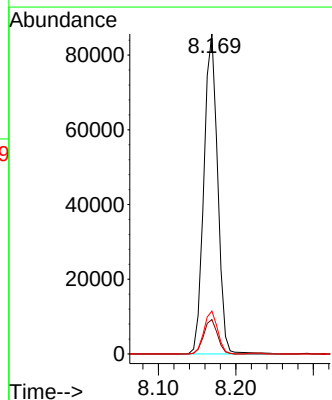
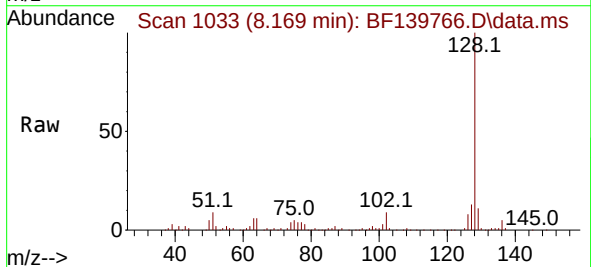
Instrument :
BNA_F
ClientSampleId :
SB-04-4.5-5.0

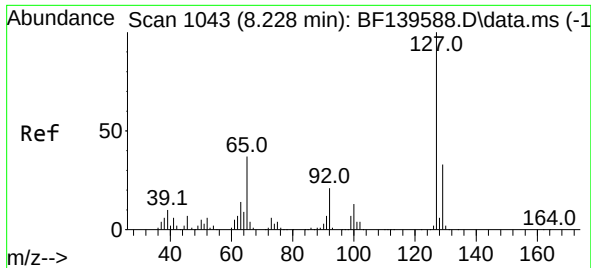
Tgt Ion: 82 Resp: 344914
Ion Ratio Lower Upper
82 100
95 0.2 6.1 9.1#
138 0.0 13.4 20.2#



#31
Naphthalene
Concen: 6.224 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Tgt Ion:128 Resp: 105569
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.4 10.5 15.7

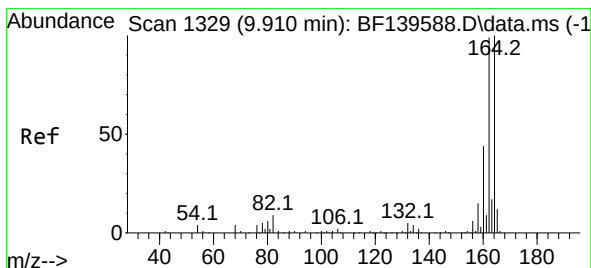
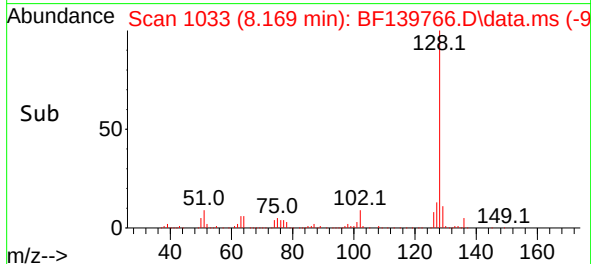
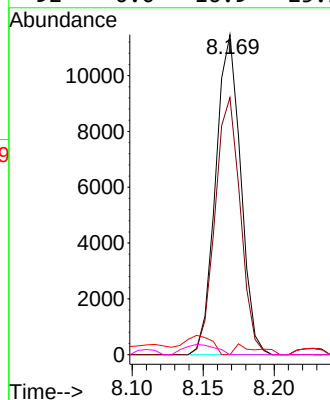
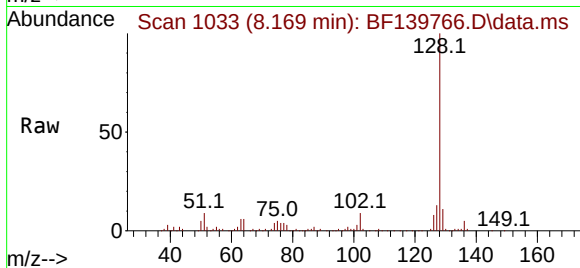




#33
4-Chloroaniline
Concen: 2.445 ng
RT: 8.169 min Scan# 1043
Delta R.T. -0.059 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

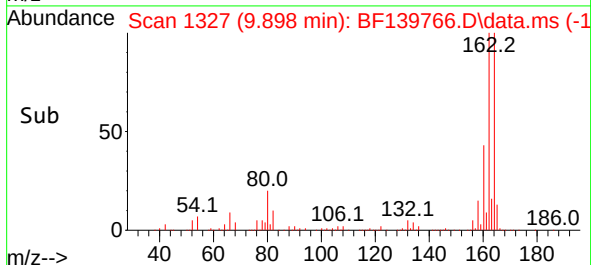
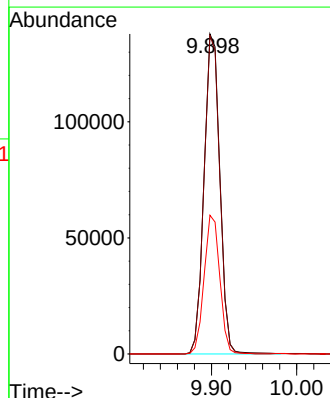
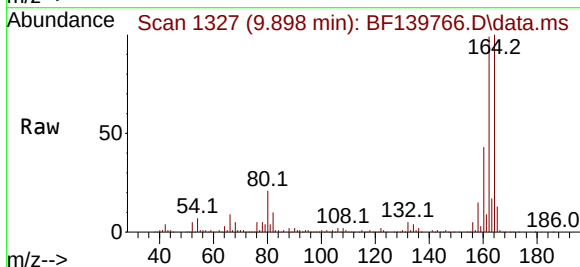
Instrument :
BNA_F
ClientSampleId :
SB-04-4.5-5.0

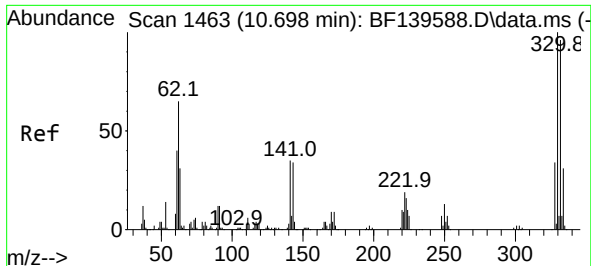
Tgt Ion:	127	Resp:	14038
Ion Ratio	Lower	Upper	
127	100		
129	80.3	26.2	39.4#
65	0.0	29.3	43.9#
92	0.0	16.9	25.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

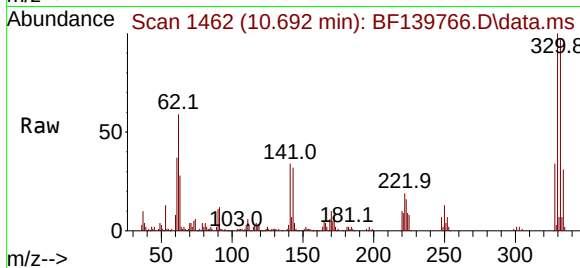
Tgt Ion:	164	Resp:	177862
Ion Ratio	Lower	Upper	
164	100		
162	99.5	79.4	119.0
160	43.3	35.1	52.7



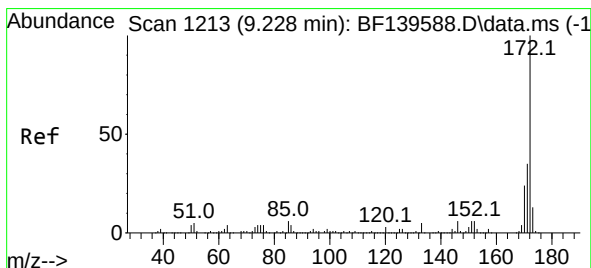
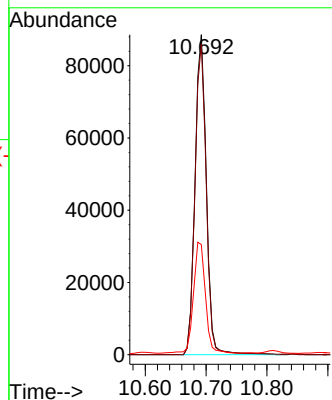
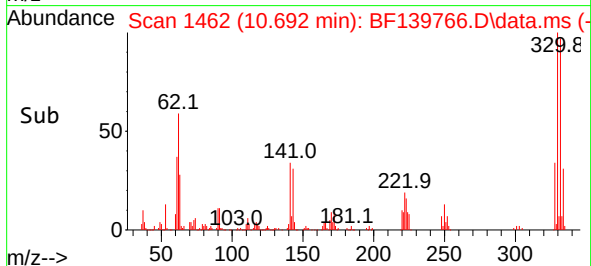


#42
2,4,6-Tribromophenol
Concen: 66.741 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

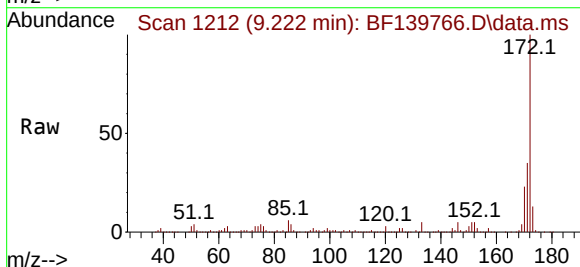
Instrument :
BNA_F
ClientSampleId :
SB-04-4.5-5.0



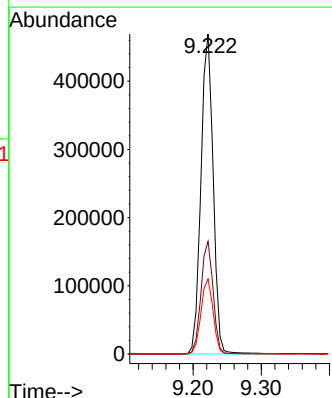
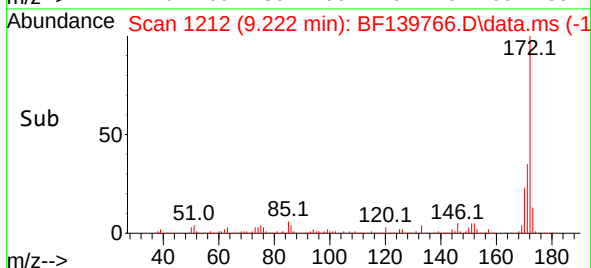
Tgt Ion:330 Resp: 114592
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 36.6 29.3 43.9

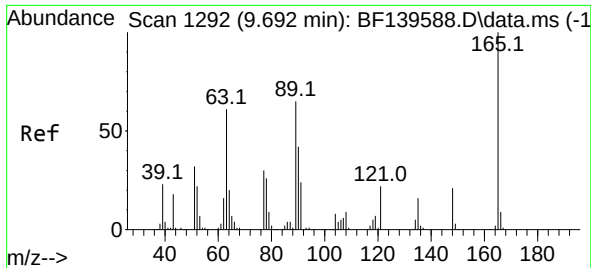


#45
2-Fluorobiphenyl
Concen: 50.545 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58



Tgt Ion:172 Resp: 585601
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.5 18.8 28.2

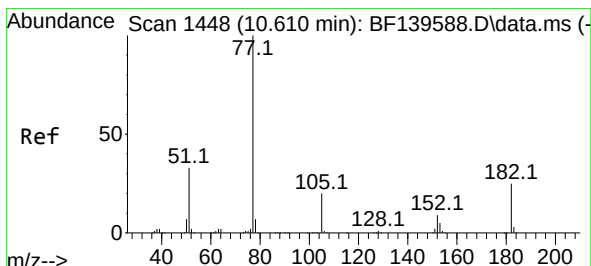
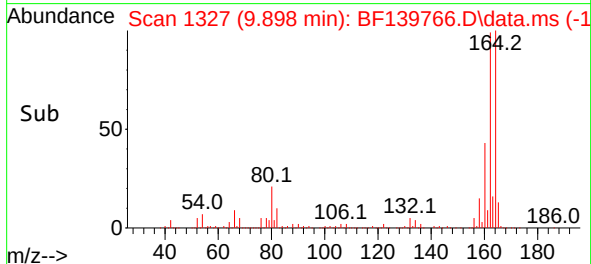
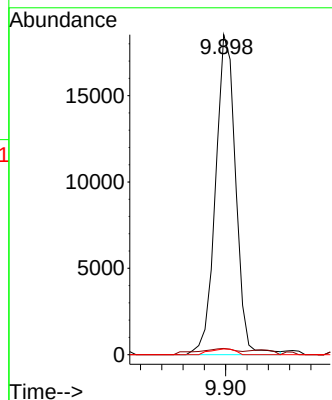
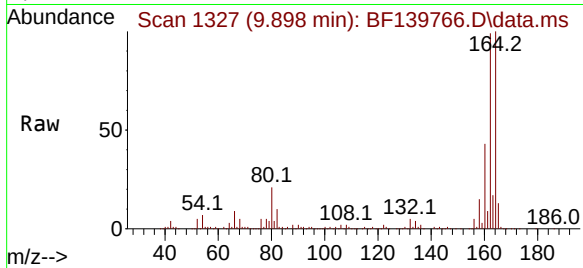




#51
2,6-Dinitrotoluene
Concen: 9.238 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

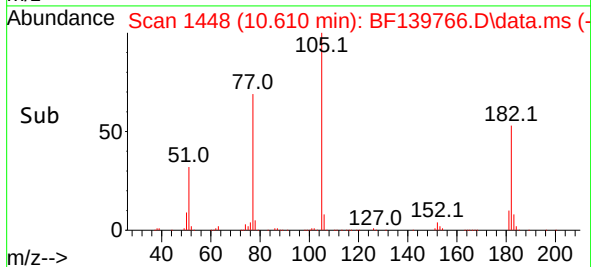
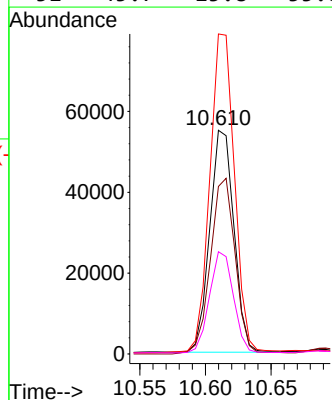
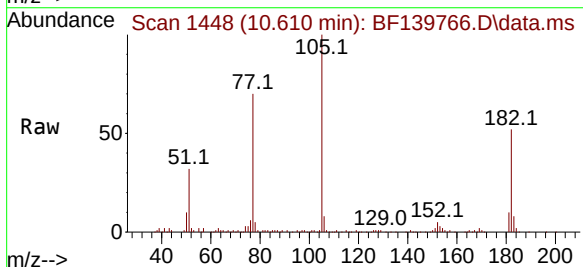
Instrument :
BNA_F
ClientSampleId :
SB-04-4.5-5.0

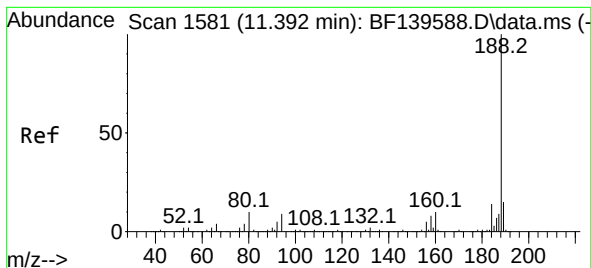
Tgt Ion:165 Resp: 24297
Ion Ratio Lower Upper
165 100
63 2.0 56.7 85.1#
89 1.8 51.6 77.4#



#63
Azobenzene
Concen: 5.831 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139766.D
Acq: 11 Oct 2024 10:58

Tgt Ion: 77 Resp: 70520
Ion Ratio Lower Upper
77 100
182 74.9 4.2 44.2#
105 143.0 0.0 39.6#
51 45.7 15.8 55.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139766.D

Acq: 11 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

SB-04-4.5-5.0

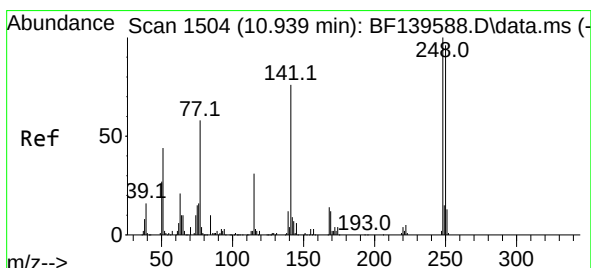
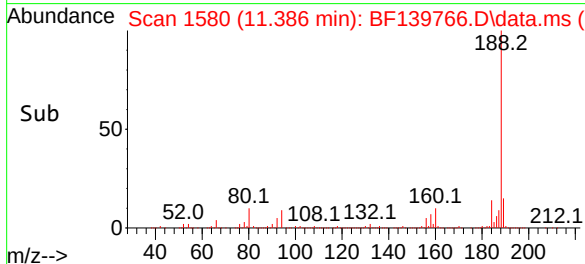
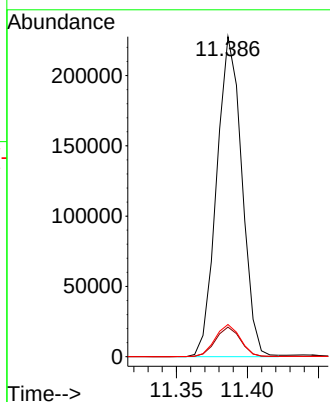
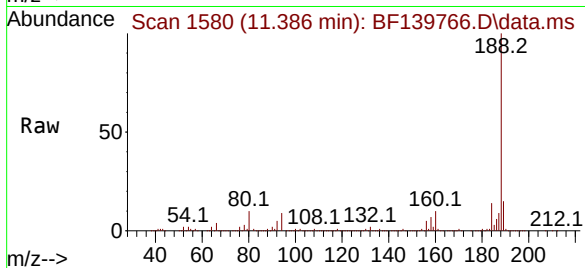
Tgt Ion:188 Resp: 281292

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.1 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 2.728 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139766.D

Acq: 11 Oct 2024 10:58

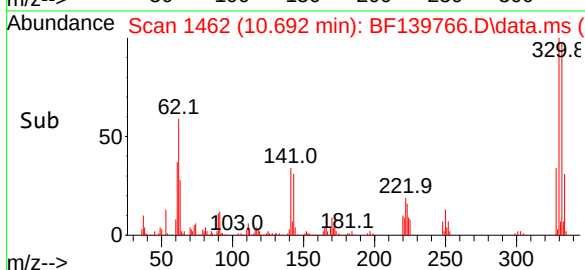
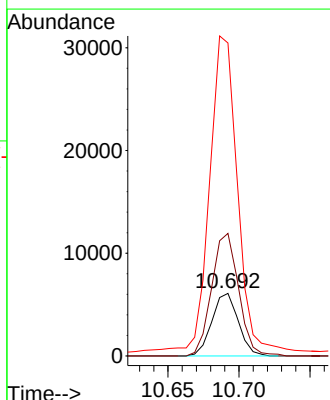
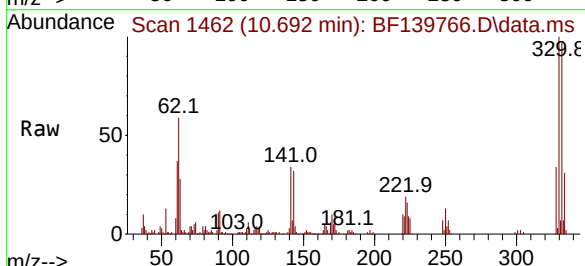
Tgt Ion:248 Resp: 7869

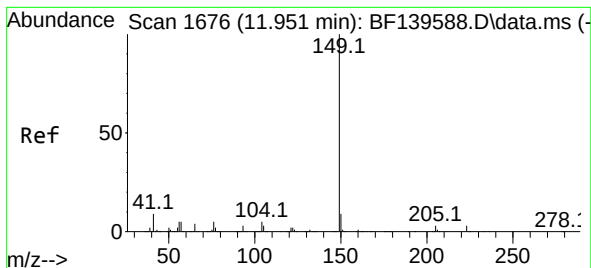
Ion Ratio Lower Upper

248 100

250 195.9 77.1 115.7#

141 500.4 60.4 90.6#





#74

Di-n-butylphthalate

Concen: 6.776 ng

RT: 11.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139766.D

Acq: 11 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

SB-04-4.5-5.0

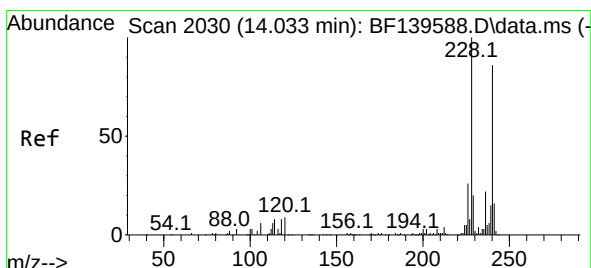
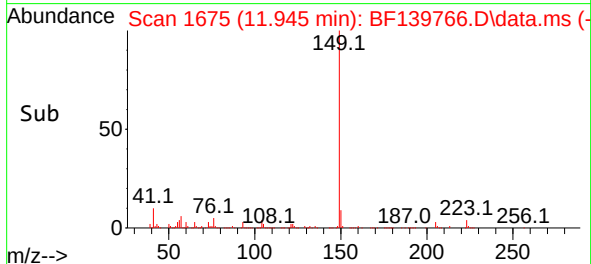
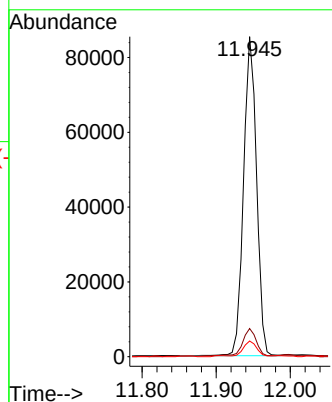
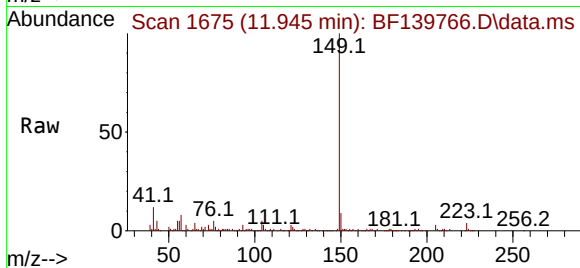
Tgt Ion:149 Resp: 103839

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

104 4.9 4.1 6.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139766.D

Acq: 11 Oct 2024 10:58

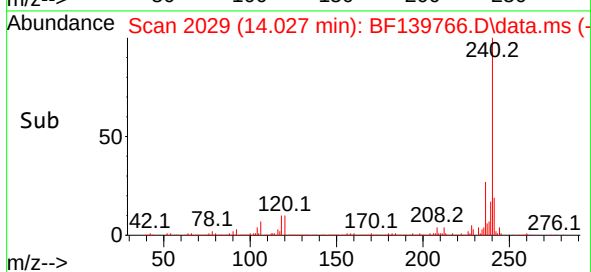
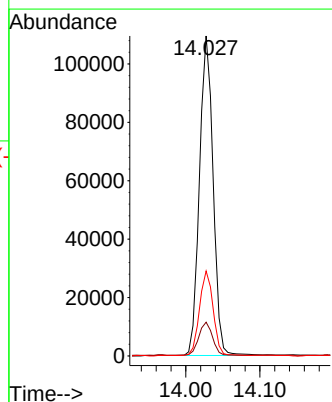
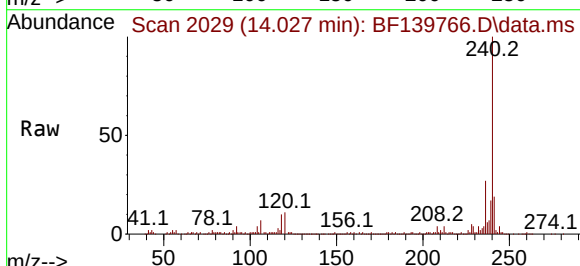
Tgt Ion:240 Resp: 140104

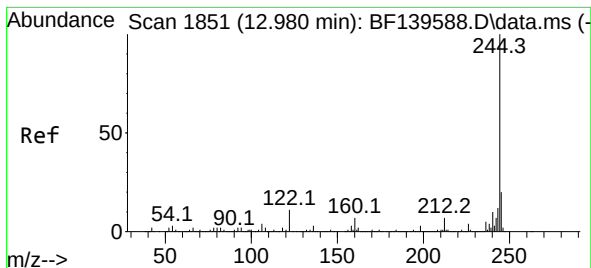
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 26.5 20.3 30.5





#79

Terphenyl-d14

Concen: 41.689 ng

RT: 12.969 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF139766.D

Acq: 11 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

SB-04-4.5-5.0

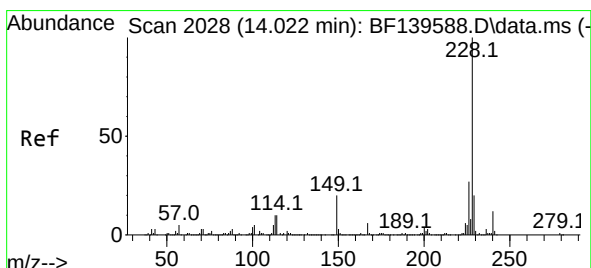
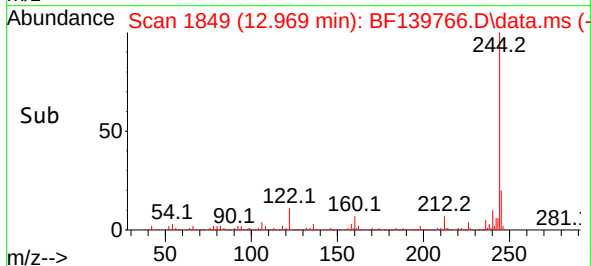
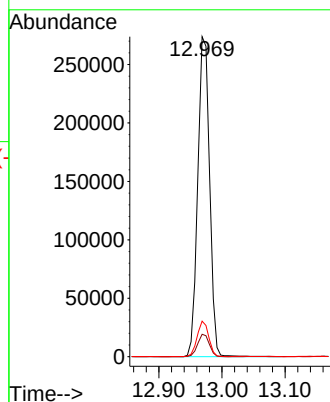
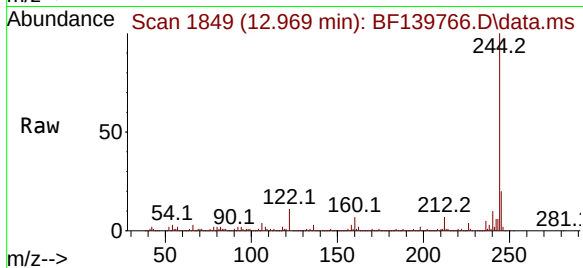
Tgt Ion:244 Resp: 355967

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 11.1 8.6 12.8



#81

Benzo(a)anthracene

Concen: 3.379 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.029 min

Lab File: BF139766.D

Acq: 11 Oct 2024 10:58

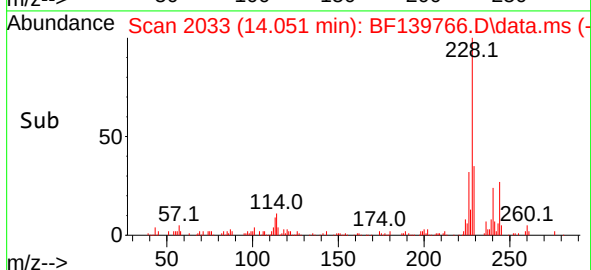
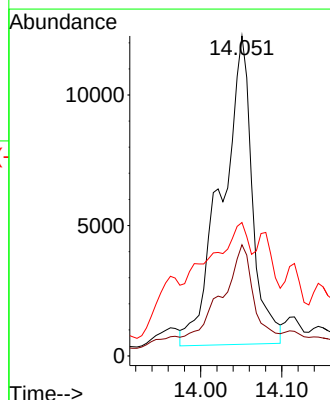
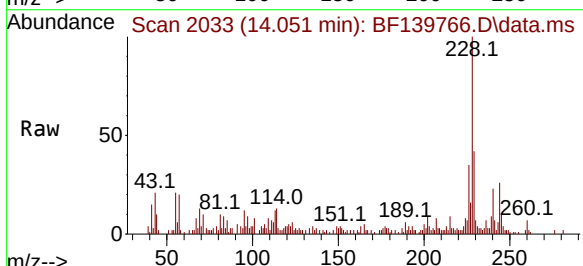
Tgt Ion:228 Resp: 31122

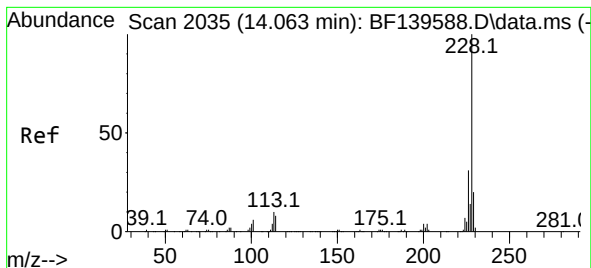
Ion Ratio Lower Upper

228 100

226 34.7 21.8 32.8#

229 41.7 15.8 23.8#





#83

Chrysene

Concen: 3.696 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF139766.D

Acq: 11 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

SB-04-4.5-5.0

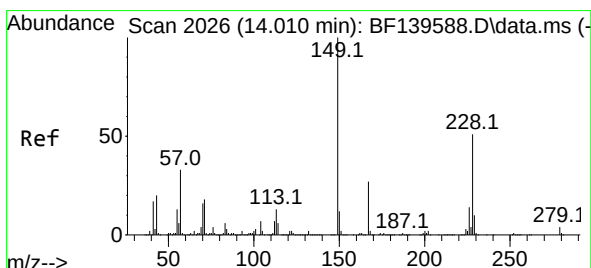
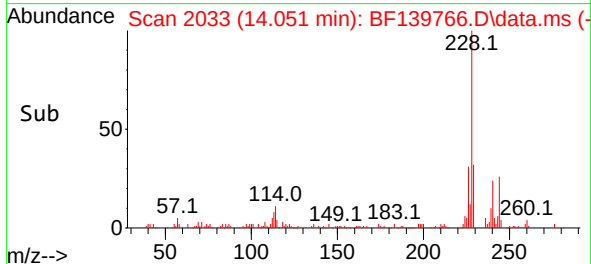
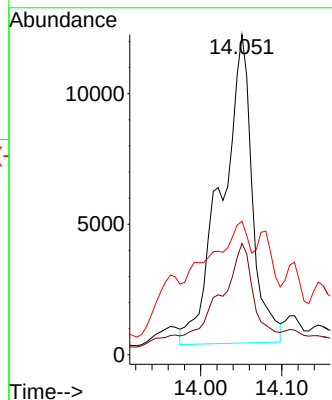
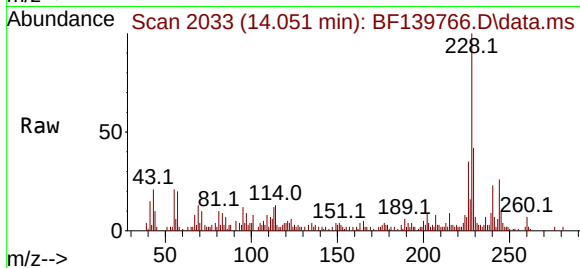
Tgt Ion:228 Resp: 31122

Ion Ratio Lower Upper

228 100

226 34.7 24.3 36.5

229 41.7 15.7 23.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.932 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139766.D

Acq: 11 Oct 2024 10:58

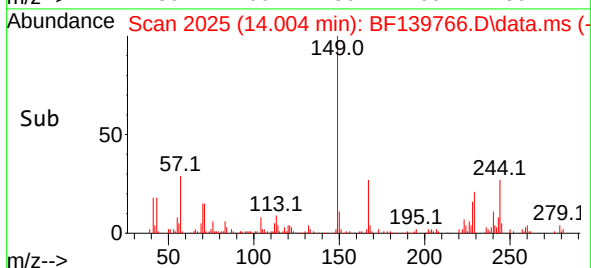
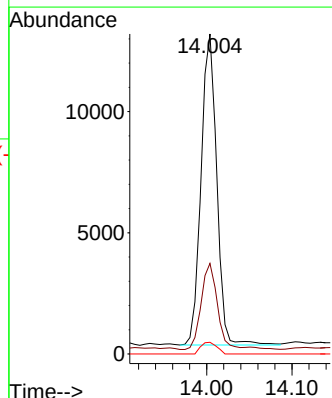
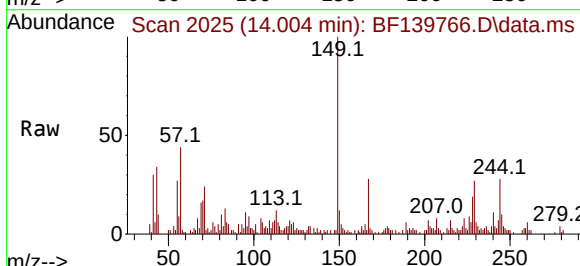
Tgt Ion:149 Resp: 16411

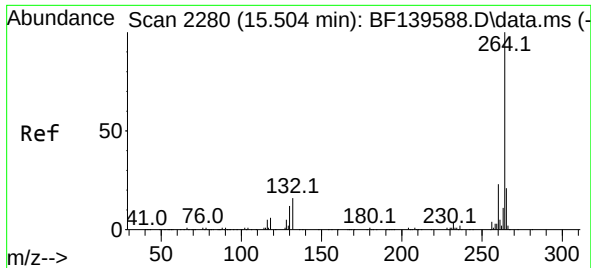
Ion Ratio Lower Upper

149 100

167 28.3 21.7 32.5

279 3.7 3.2 4.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139766.D
 Acq: 11 Oct 2024 10:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-4.5-5.0

Tgt Ion:264 Resp: 179767
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.4 16.9 25.3

