

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139563.D
 Acq On : 26 Sep 2024 23:19
 Operator : RC/JU
 Sample : P4198-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-WC-1

Quant Time: Sep 27 01:11:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

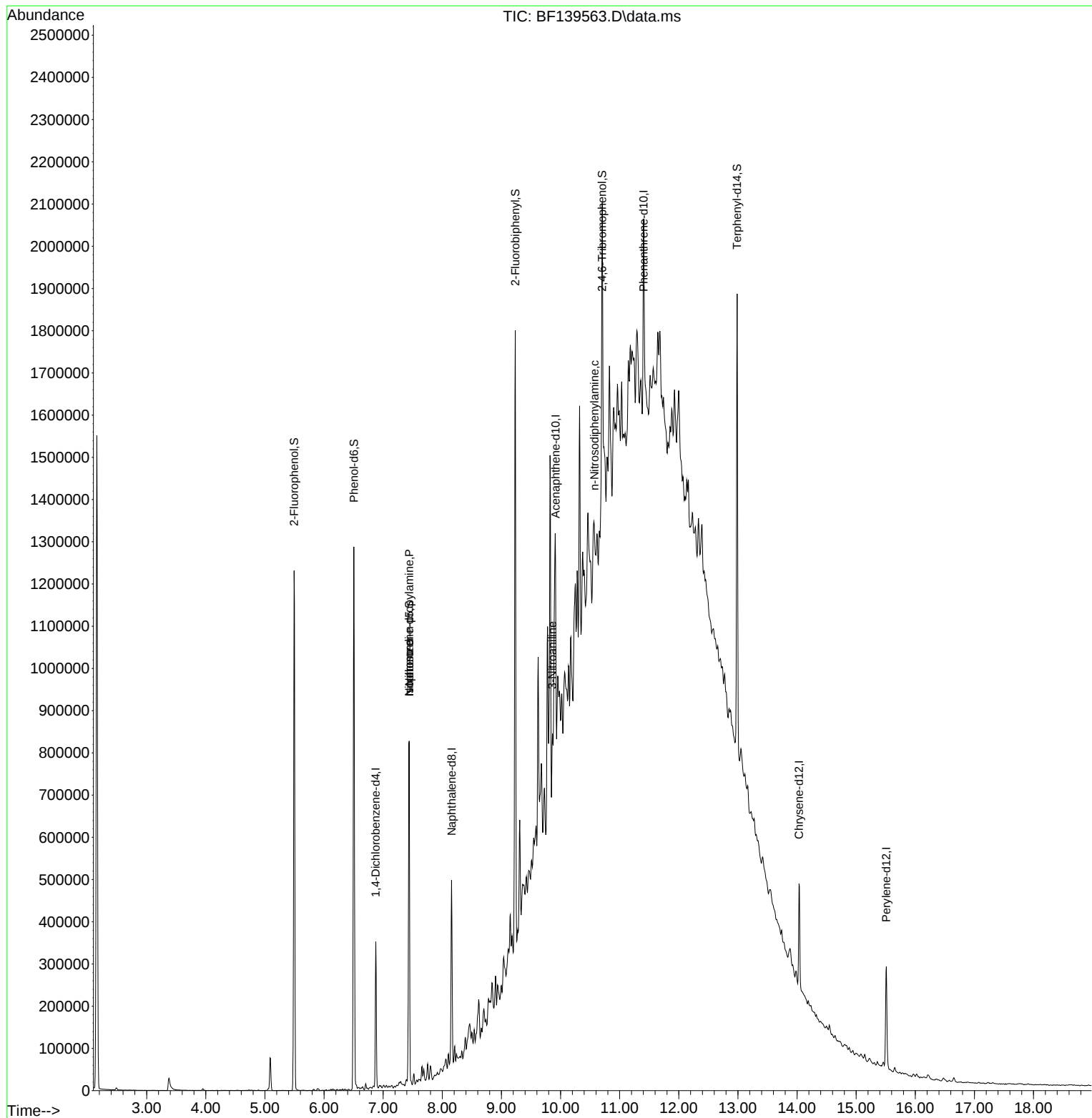
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66213	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239252	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	123896	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	211255	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	118239	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	143587	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	416583	102.637	ng	0.00
7) Phenol-d6	6.504	99	547920	102.849	ng	0.00
23) Nitrobenzene-d5	7.440	82	353746	69.509	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	119468	90.573	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	625243	70.778	ng	0.00
79) Terphenyl-d14	12.986	244	518104	71.923	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	48500	15.363	ng	# 73
25) Isophorone	7.440	82	351074	43.619	ng	# 67
53) 3-Nitroaniline	9.863	138	4282	2.378	ng	# 18
66) n-Nitrosodiphenylamine	10.575	169	15483	2.507	ng	# 50

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

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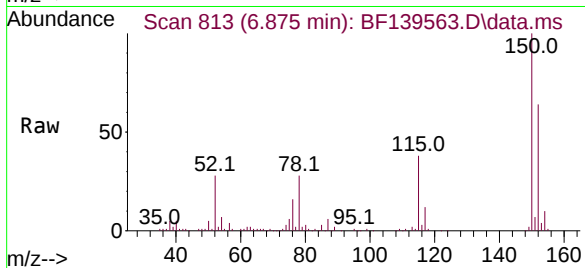
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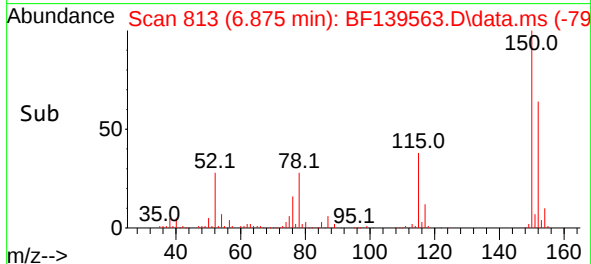
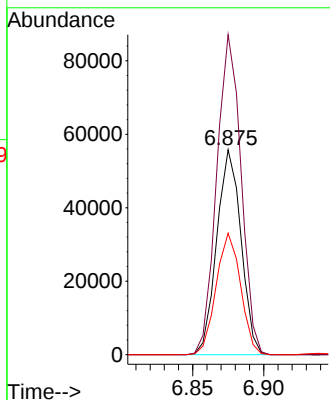


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139563.D
Acq: 26 Sep 2024 23:19

Instrument :
BNA_F
ClientSampleId :
TP1-WC-1

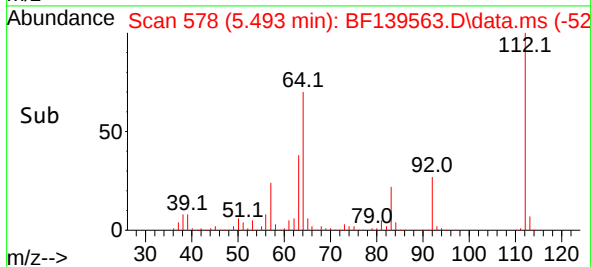
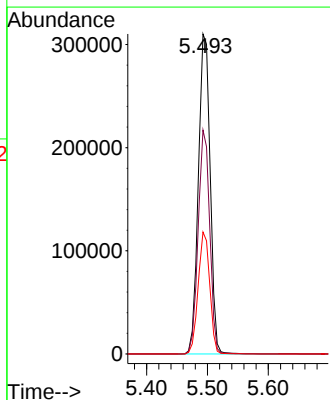
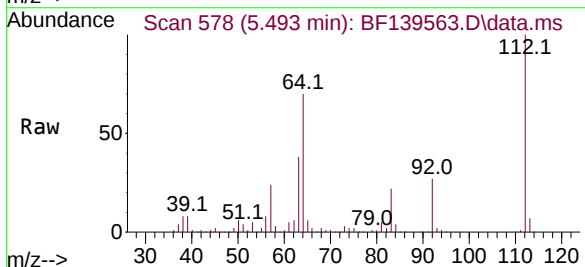


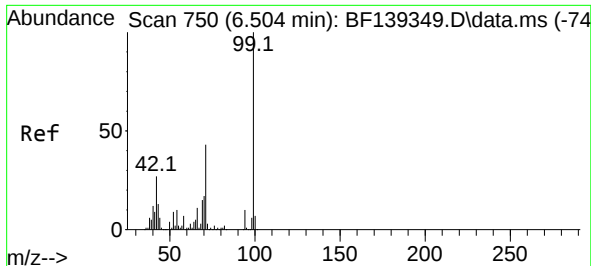
Tgt Ion:152 Resp: 66213
Ion Ratio Lower Upper
152 100
150 156.1 124.1 186.1
115 59.2 48.1 72.1



#5
2-Fluorophenol
Concen: 102.637 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF139563.D
Acq: 26 Sep 2024 23:19

Tgt Ion:112 Resp: 416583
Ion Ratio Lower Upper
112 100
64 69.9 54.8 82.2
63 38.1 33.0 49.4



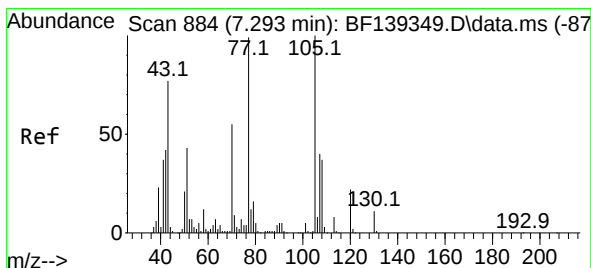
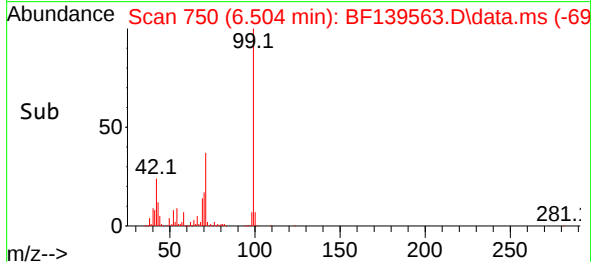
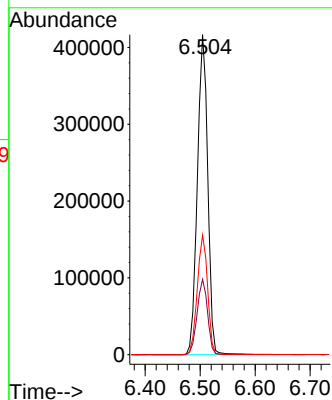
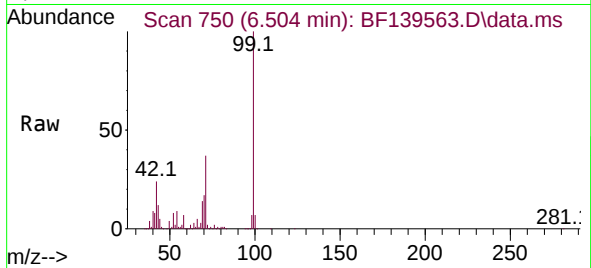


#7
Phenol-d6
Concen: 102.849 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139563.D
Acq: 26 Sep 2024 23:19

Instrument :
BNA_F
ClientSampleId :
TP1-WC-1

Tgt Ion: 99 Resp: 547920

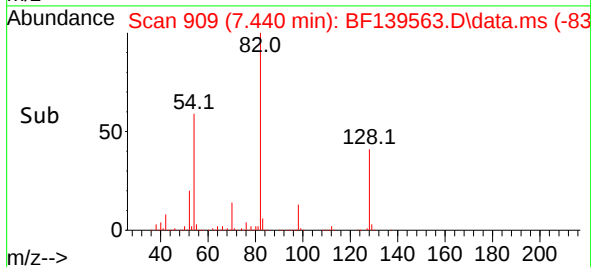
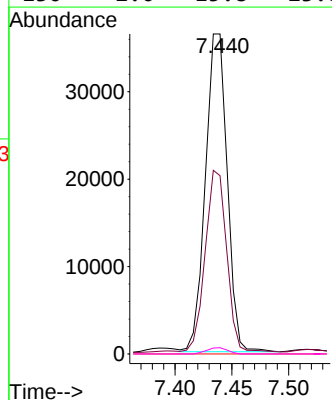
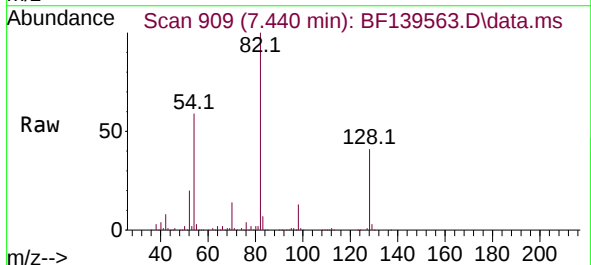
Ion	Ratio	Lower	Upper
99	100		
42	23.6	21.9	32.9
71	37.4	34.6	52.0

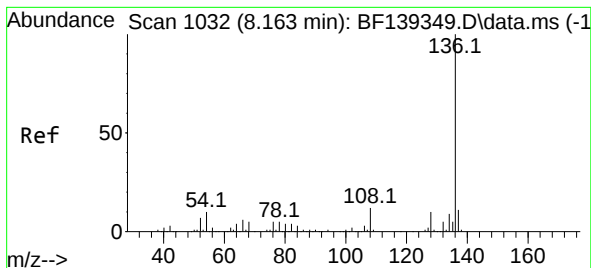


#19
n-Nitroso-di-n-propylamine
Concen: 15.363 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139563.D
Acq: 26 Sep 2024 23:19

Tgt Ion: 70 Resp: 48500

Ion	Ratio	Lower	Upper
70	100		
42	55.7	61.2	91.8#
101	0.0	7.5	11.3#
130	2.0	15.8	23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139563.D

Acq: 26 Sep 2024 23:19

Instrument :

BNA_F

ClientSampleId :

TP1-WC-1

Tgt Ion:136 Resp: 239252

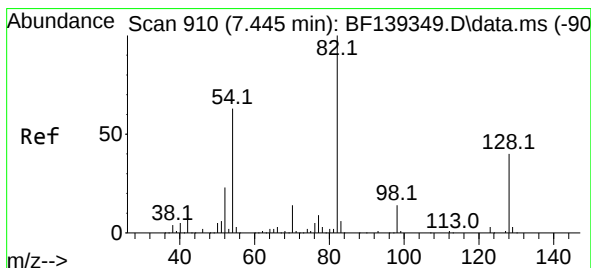
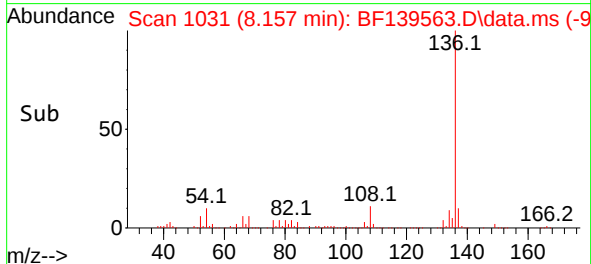
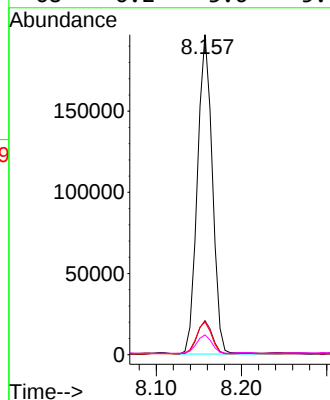
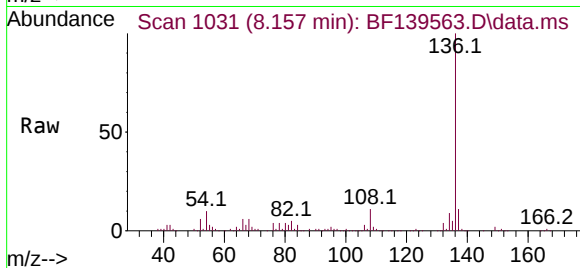
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 10.2 7.8 11.8

68 6.2 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 69.509 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139563.D

Acq: 26 Sep 2024 23:19

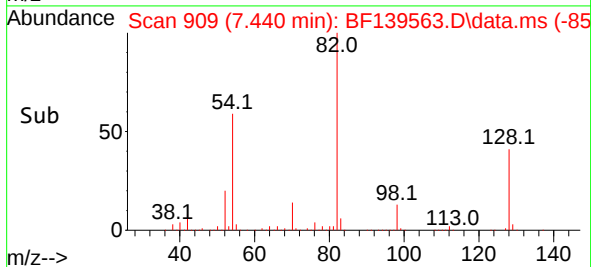
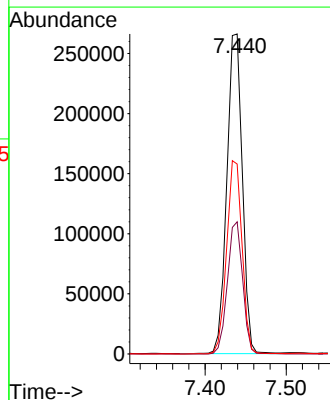
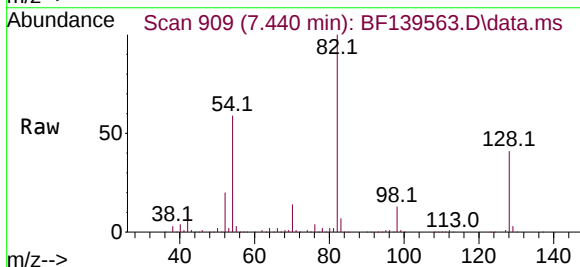
Tgt Ion: 82 Resp: 353746

Ion Ratio Lower Upper

82 100

128 41.3 31.8 47.6

54 59.4 50.6 75.8

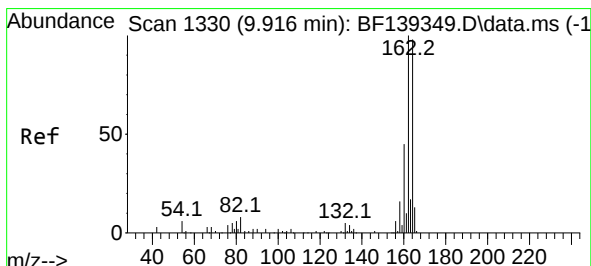
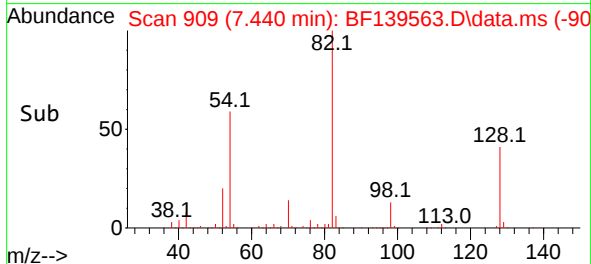
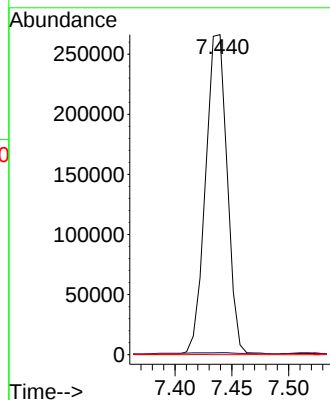
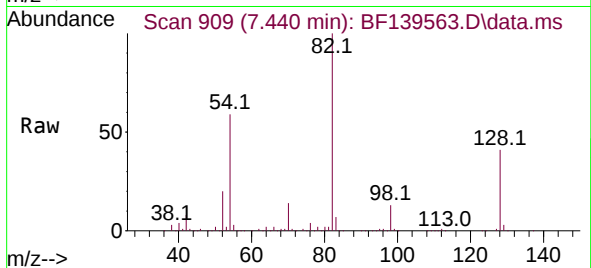




#25
Isophorone
Concen: 43.619 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139563.D
Acq: 26 Sep 2024 23:19

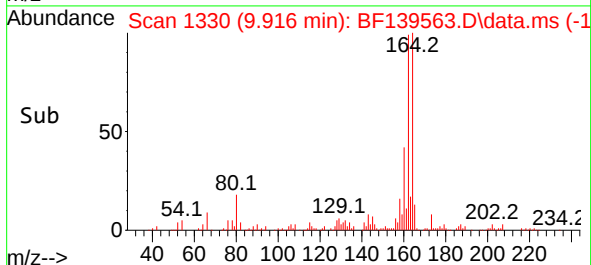
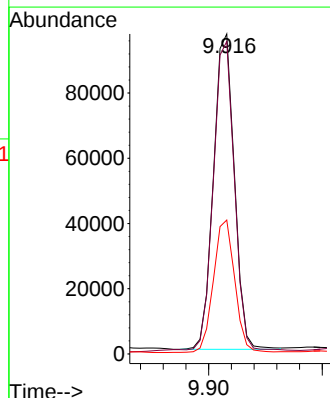
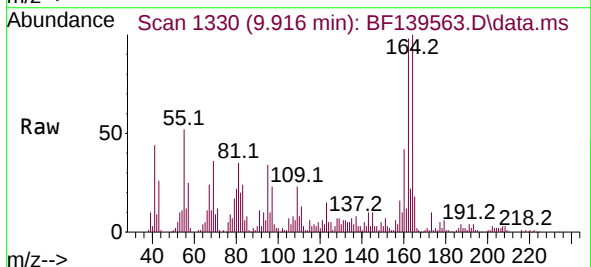
Instrument :
BNA_F
ClientSampleId :
TP1-WC-1

Tgt Ion: 82 Resp: 351074
Ion Ratio Lower Upper
82 100
95 0.7 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF139563.D
Acq: 26 Sep 2024 23:19

Tgt Ion: 164 Resp: 123896
Ion Ratio Lower Upper
164 100
162 97.7 81.3 121.9
160 41.9 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 90.573 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139563.D

Acq: 26 Sep 2024 23:19

Instrument :

BNA_F

ClientSampleId :

TP1-WC-1

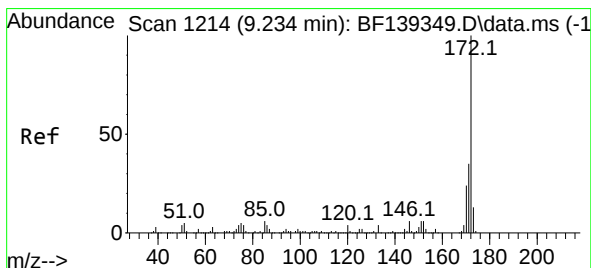
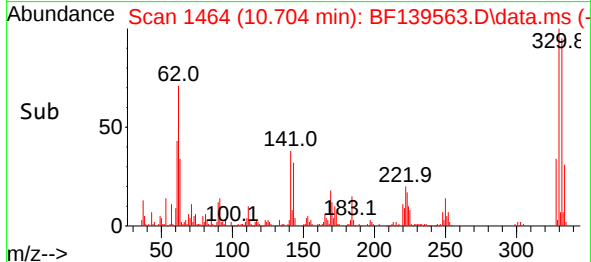
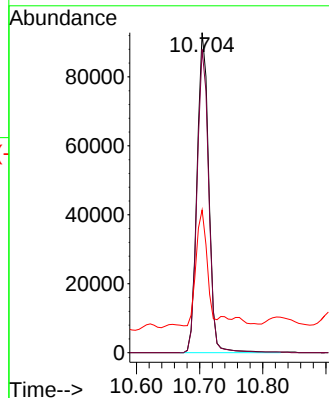
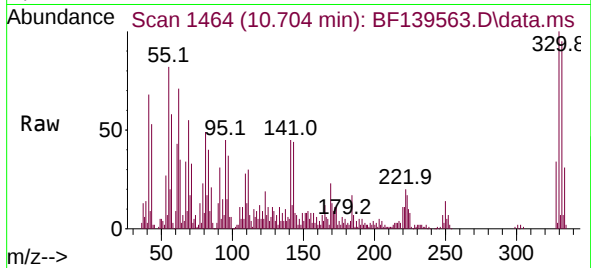
Tgt Ion:330 Resp: 119468

Ion Ratio Lower Upper

330 100

332 94.9 75.2 112.8

141 34.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 70.778 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139563.D

Acq: 26 Sep 2024 23:19

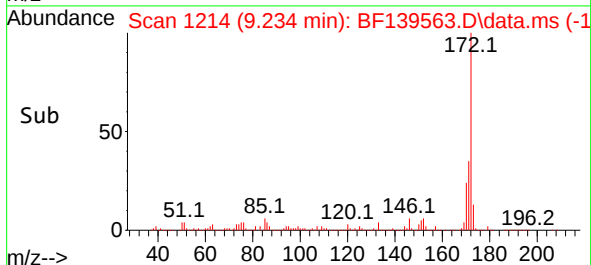
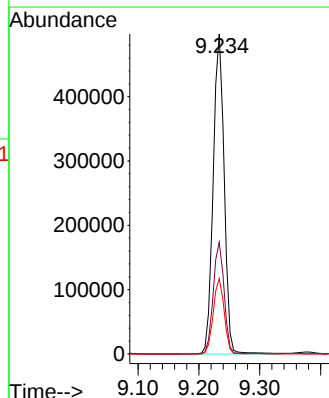
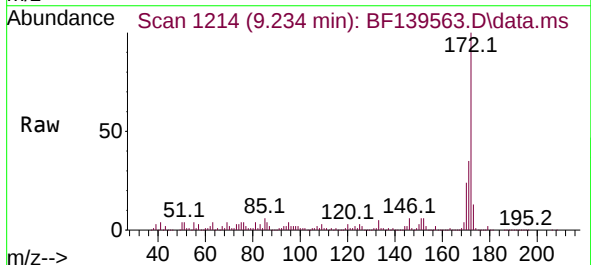
Tgt Ion:172 Resp: 625243

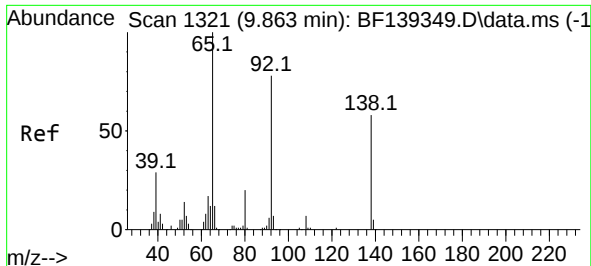
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.6 19.0 28.6

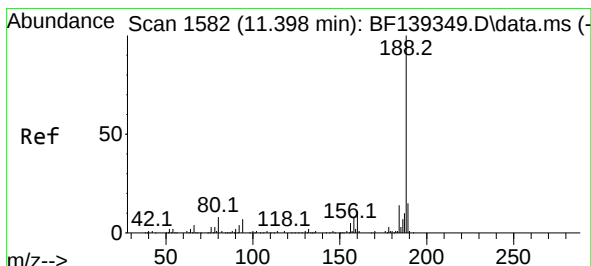
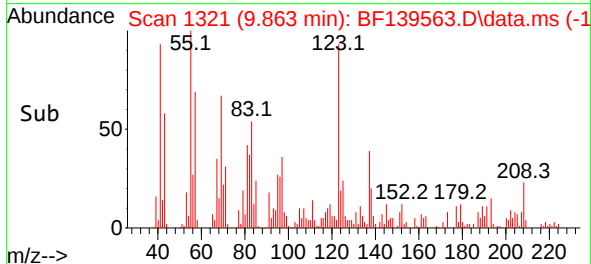
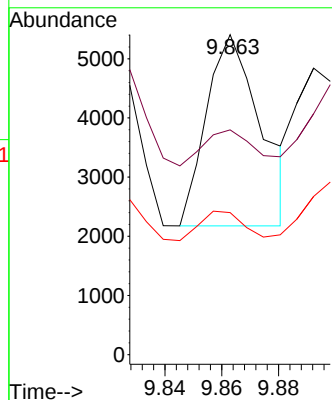
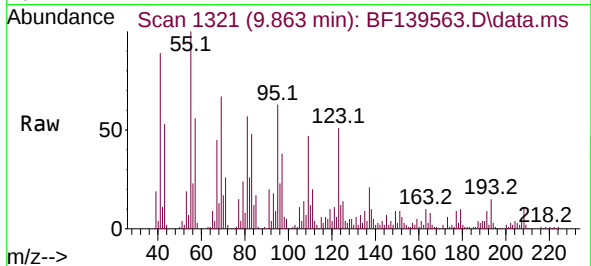




#53
3-Nitroaniline
Concen: 2.378 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139563.D
Acq: 26 Sep 2024 23:19

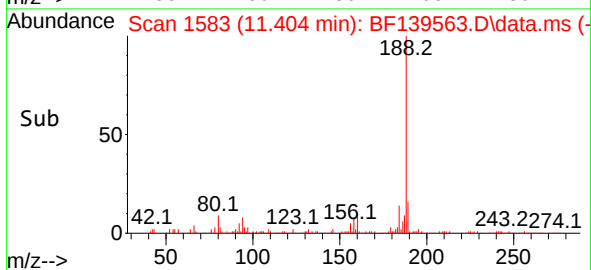
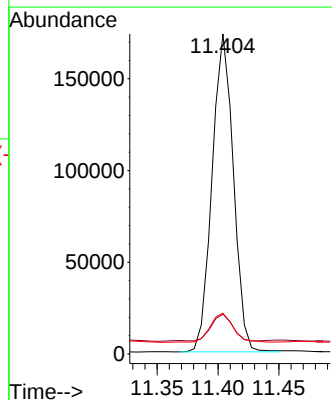
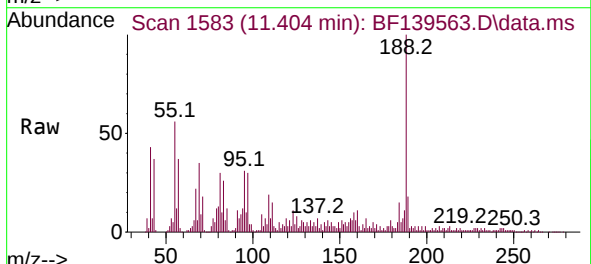
Instrument :
BNA_F
ClientSampleId :
TP1-WC-1

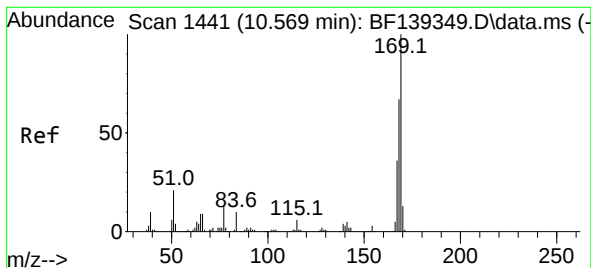
Tgt Ion:138 Resp: 4282
Ion Ratio Lower Upper
138 100
108 70.2 9.8 14.8#
92 44.4 107.4 161.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF139563.D
Acq: 26 Sep 2024 23:19

Tgt Ion:188 Resp: 211255
Ion Ratio Lower Upper
188 100
94 12.5 5.5 8.3#
80 12.8 6.6 9.8#





#66

n-Nitrosodiphenylamine

Concen: 2.507 ng

RT: 10.575 min Scan# 1441

Delta R.T. 0.006 min

Lab File: BF139563.D

Acq: 26 Sep 2024 23:19

Instrument :

BNA_F

ClientSampleId :

TP1-WC-1

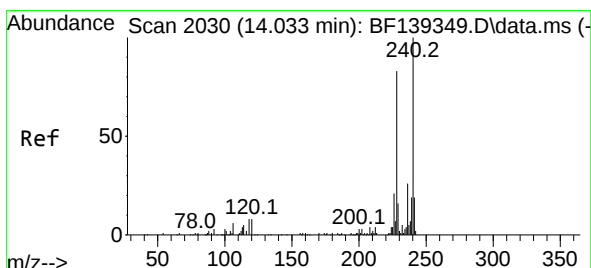
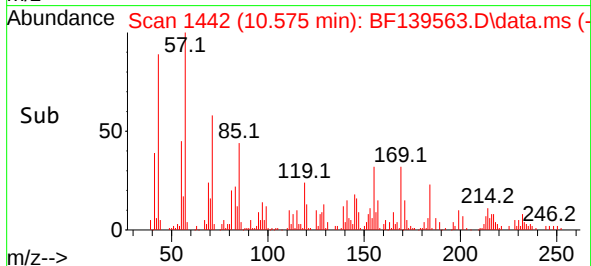
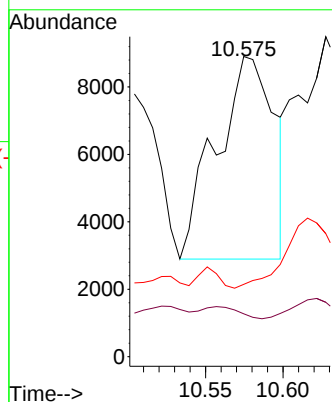
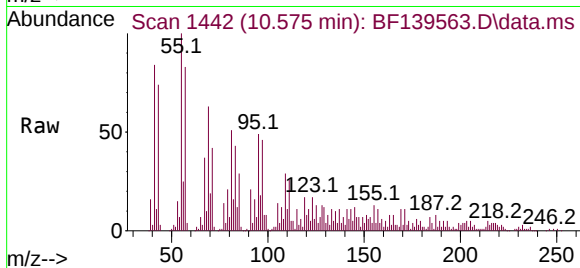
Tgt Ion:169 Resp: 15483

Ion Ratio Lower Upper

169 100

168 14.3 53.6 80.4#

167 24.1 28.7 43.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139563.D

Acq: 26 Sep 2024 23:19

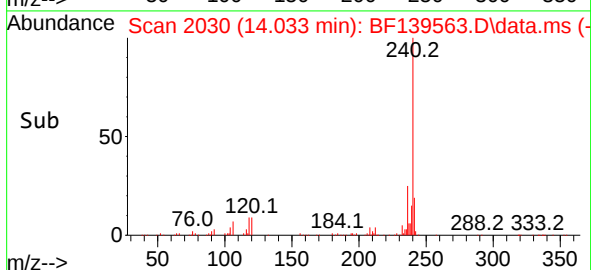
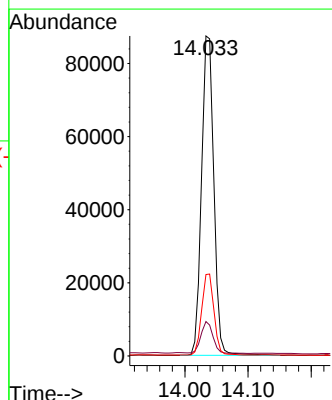
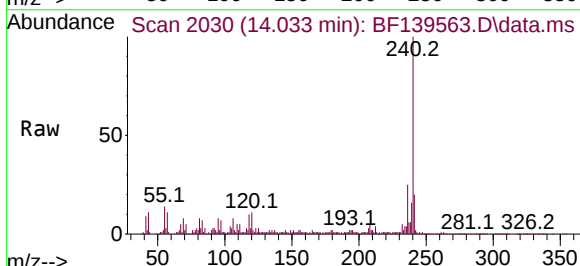
Tgt Ion:240 Resp: 118239

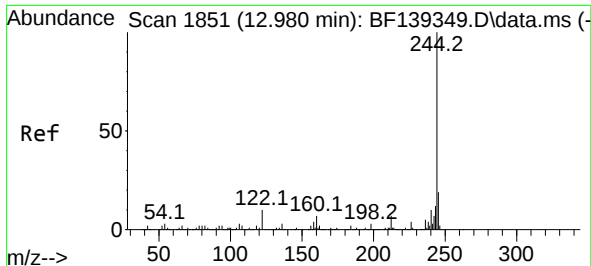
Ion Ratio Lower Upper

240 100

120 10.8 6.2 9.2#

236 25.5 20.9 31.3

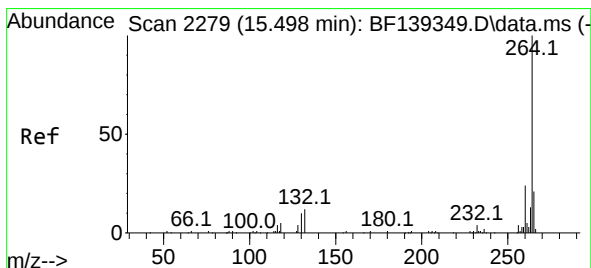
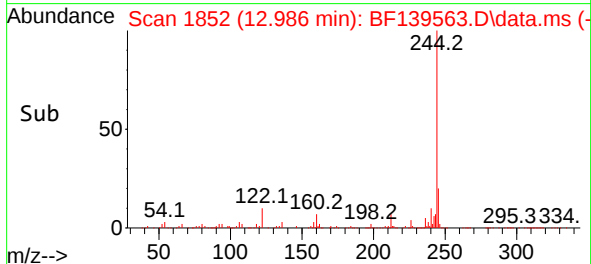
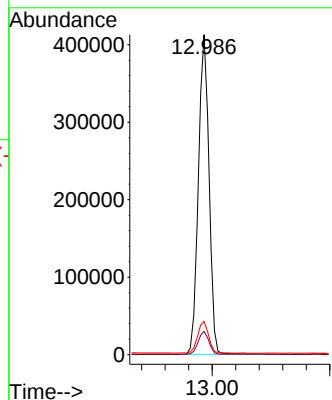
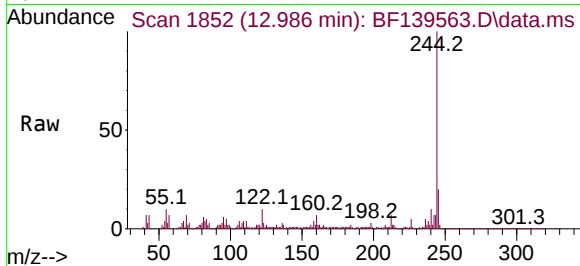




#79
 Terphenyl-d14
 Concen: 71.923 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF139563.D
 Acq: 26 Sep 2024 23:19

Instrument :
 BNA_F
 ClientSampleId :
 TP1-WC-1

Tgt Ion:244 Resp: 518104
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.4 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF139563.D
 Acq: 26 Sep 2024 23:19

Tgt Ion:264 Resp: 143587
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.3 16.6 25.0

