

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139487.D
 Acq On : 20 Sep 2024 02:31
 Operator : RC/JU
 Sample : P4103-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-7.5-10A

Quant Time: Sep 20 05:09:55 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)

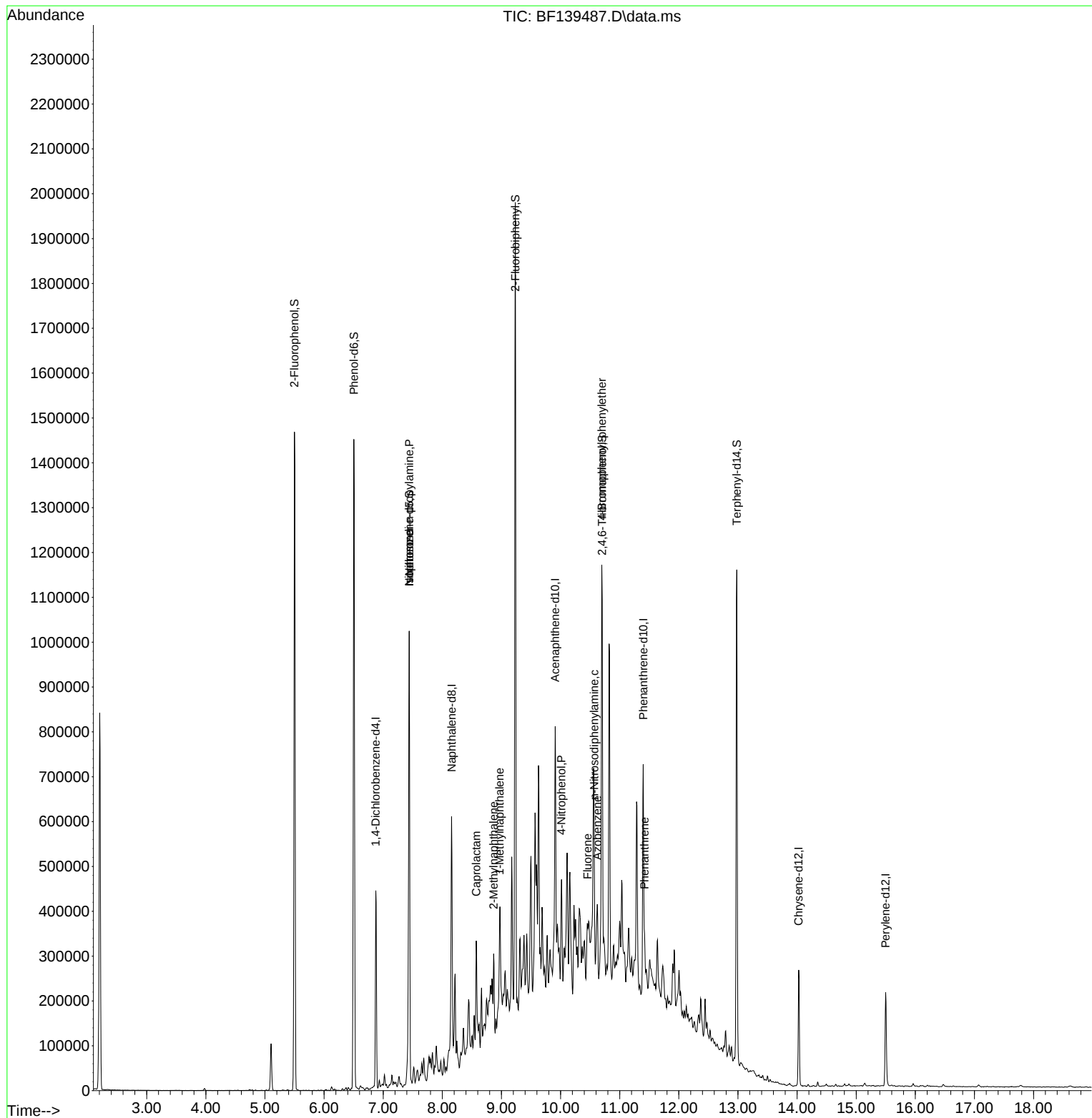
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84587	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	303040	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	152543	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	241662	20.000	ng	0.00
76) Chrysene-d12	14.027	240	124369	20.000	ng	0.00
86) Perylene-d12	15.498	264	122967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	491294	94.751	ng	0.00
7) Phenol-d6	6.504	99	640079	94.049	ng	0.00
23) Nitrobenzene-d5	7.439	82	426123	66.106	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	132582	81.639	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	763376	70.187	ng	0.00
79) Terphenyl-d14	12.980	244	518332	68.408	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	63891	15.842	ng	# 74
25) Isophorone	7.439	82	422684	41.462	ng	# 67
35) Caprolactam	8.575	113	6844	5.137	ng	# 4
37) 2-Methylnaphthalene	8.869	142	68820	6.853	ng	99
38) 1-Methylnaphthalene	8.969	142	61289	6.217	ng	99
56) 4-Nitrophenol	10.016	139	6817	3.717	ng	# 38
58) Fluorene	10.457	166	21565	2.057	ng	# 84
63) Azobenzene	10.622	77	28498	2.804	ng	# 1
66) n-Nitrosodiphenylamine	10.569	169	39689	5.617	ng	# 52
67) 4-Bromophenyl-phenylether	10.698	248	9209	3.845	ng	# 1
71) Phenanthrene	11.421	178	60516	5.190	ng	# 95

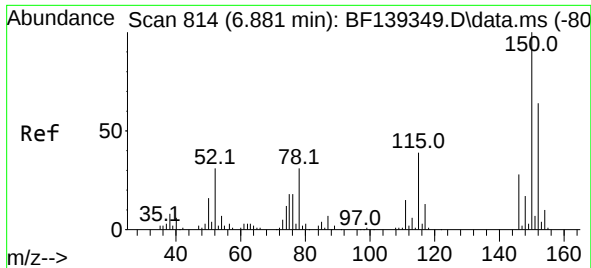
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139487.D
Acq On : 20 Sep 2024 02:31
Operator : RC/JU
Sample : P4103-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

Quant Time: Sep 20 05:09:55 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

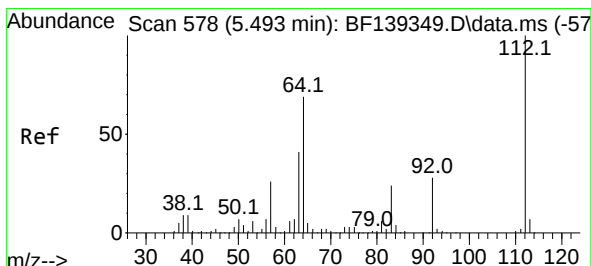
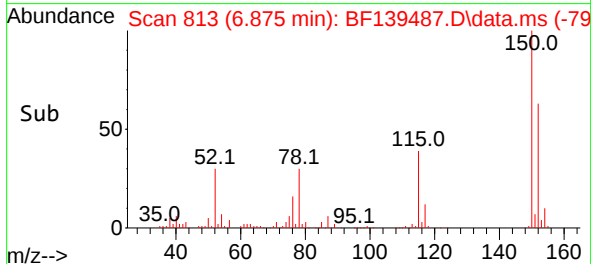
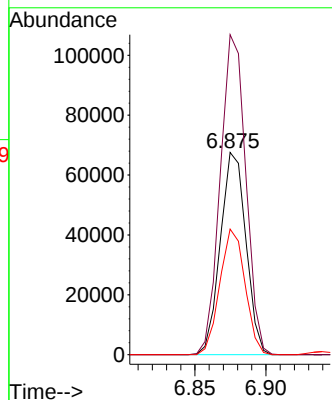
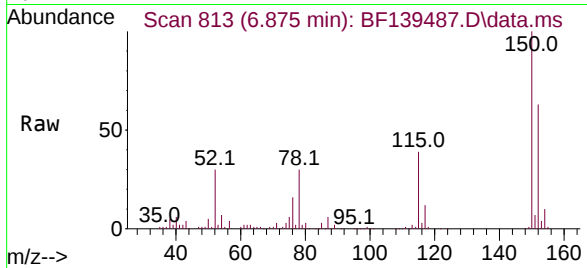




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

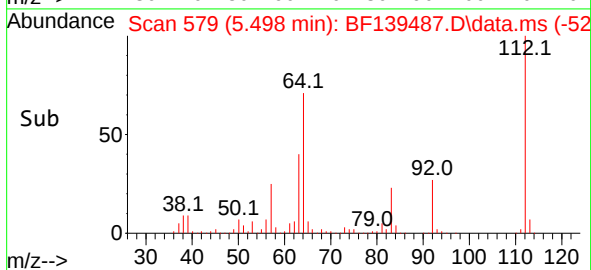
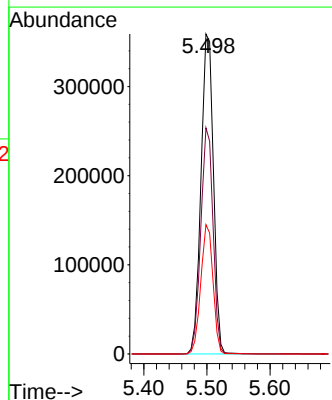
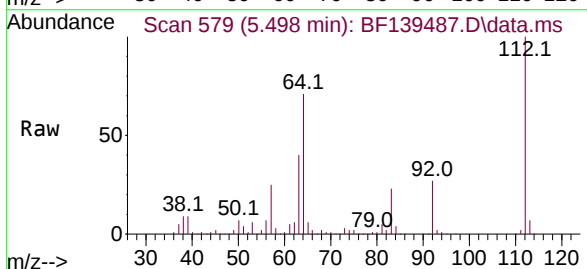
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

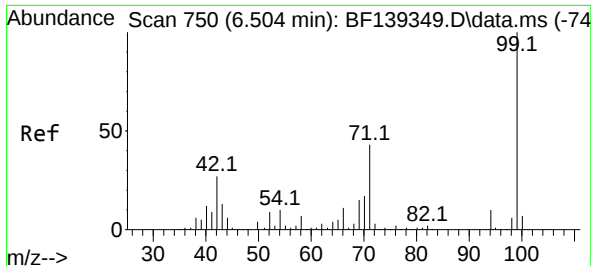
Tgt Ion:152 Resp: 84587
Ion Ratio Lower Upper
152 100
150 158.3 124.1 186.1
115 62.1 48.1 72.1



#5
2-Fluorophenol
Concen: 94.751 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

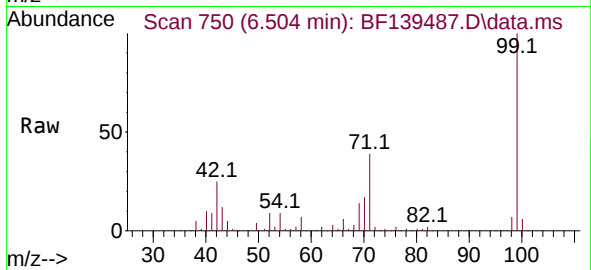
Tgt Ion:112 Resp: 491294
Ion Ratio Lower Upper
112 100
64 70.7 54.8 82.2
63 40.4 33.0 49.4



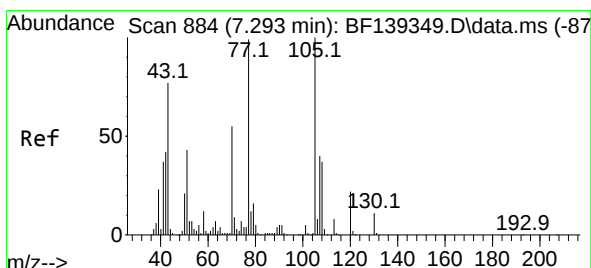
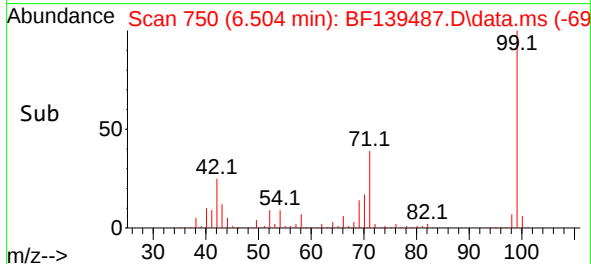
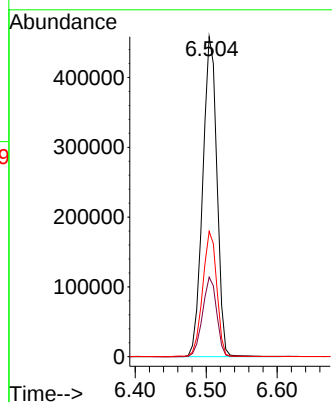


#7
Phenol-d6
Concen: 94.049 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

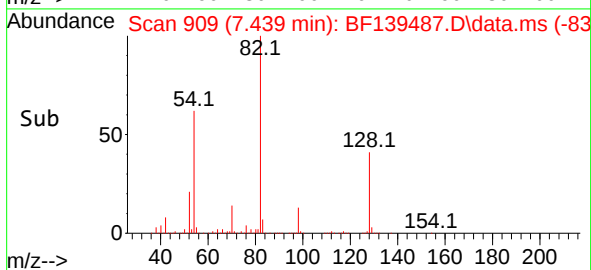
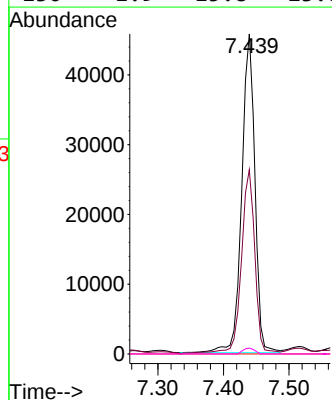
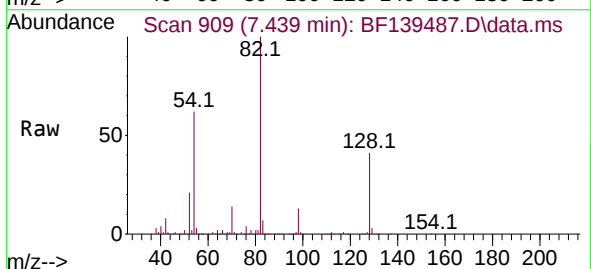


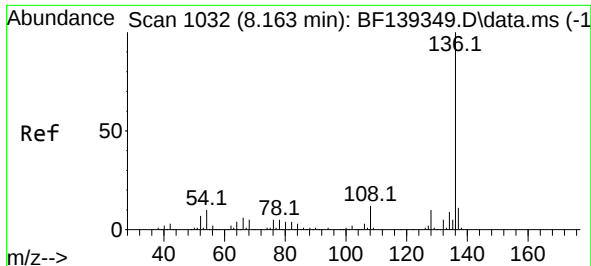
Tgt Ion:	99	Resp:	640079
Ion	Ratio	Lower	Upper
99	100		
42	24.8	21.9	32.9
71	39.2	34.6	52.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.842 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

Tgt Ion:	70	Resp:	63891
Ion	Ratio	Lower	Upper
70	100		
42	57.6	61.2	91.8#
101	0.0	7.5	11.3#
130	1.9	15.8	23.8#

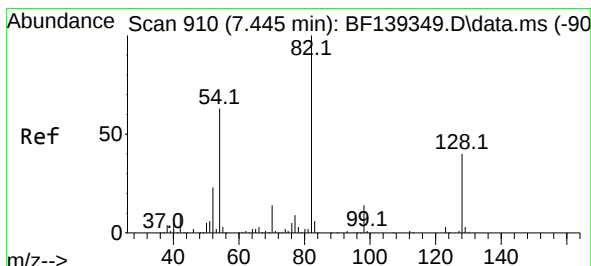
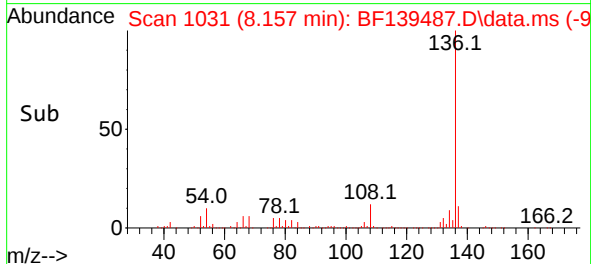
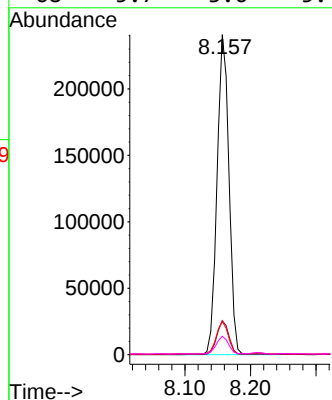
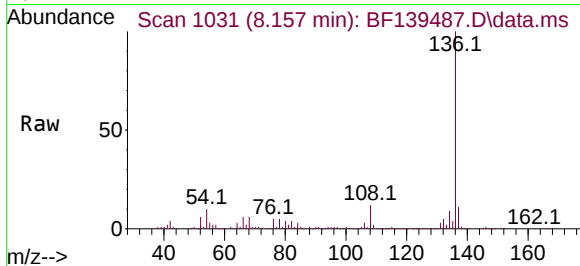




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

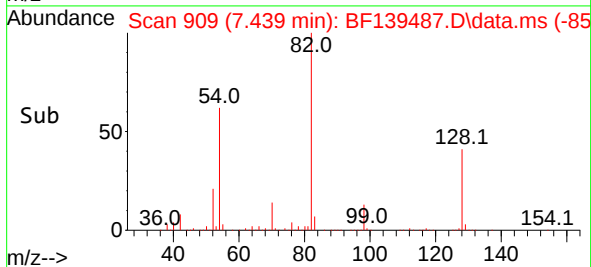
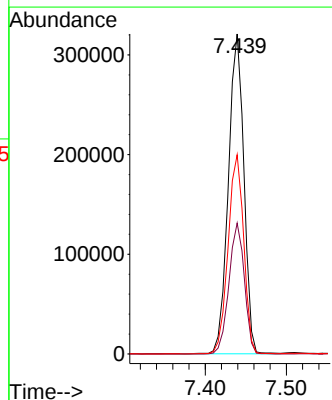
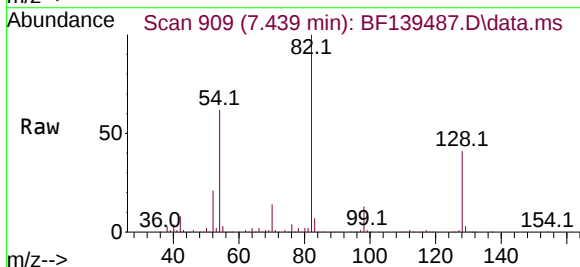
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

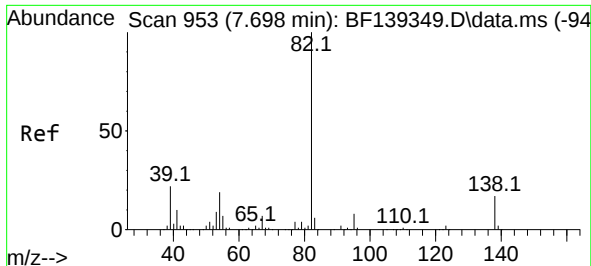
Tgt Ion:136 Resp: 303040
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.4 7.8 11.8
68 5.7 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 66.106 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

Tgt Ion: 82 Resp: 426123
Ion Ratio Lower Upper
82 100
128 40.9 31.8 47.6
54 62.3 50.6 75.8

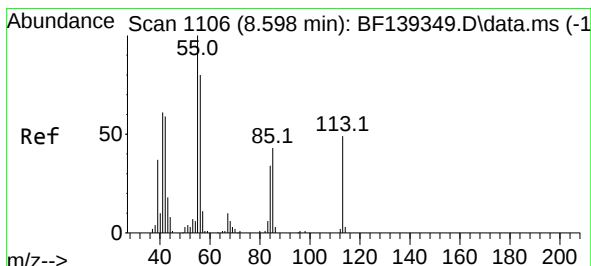
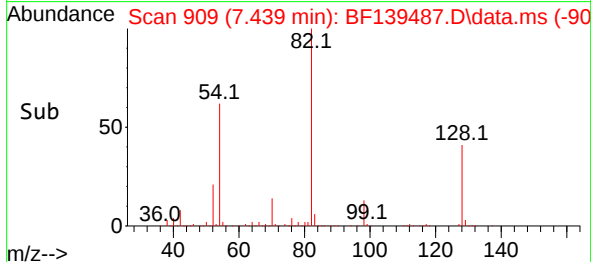
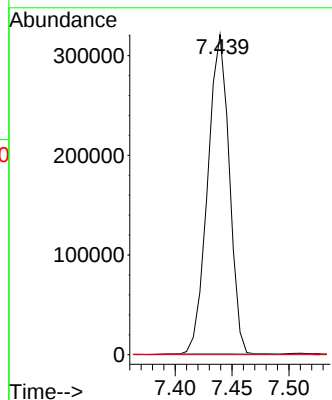
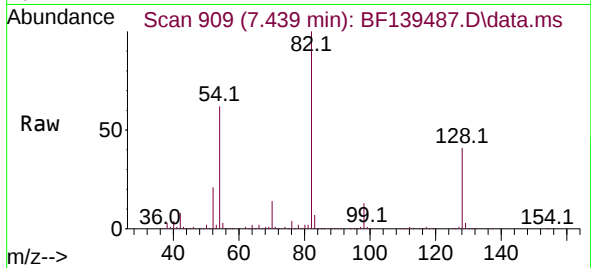




#25
Isophorone
Concen: 41.462 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

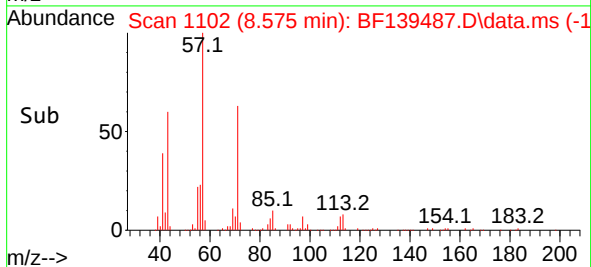
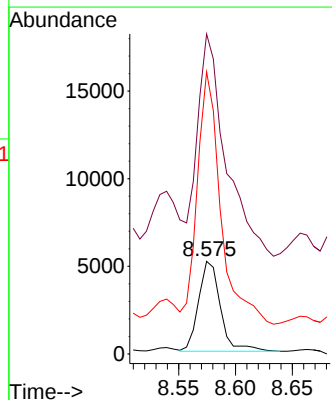
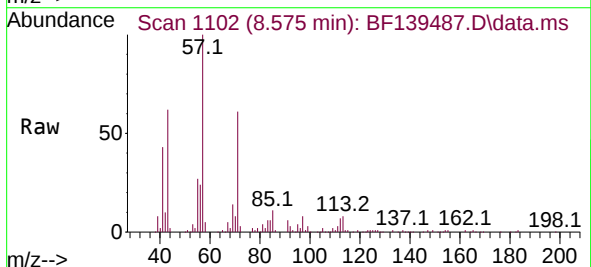
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

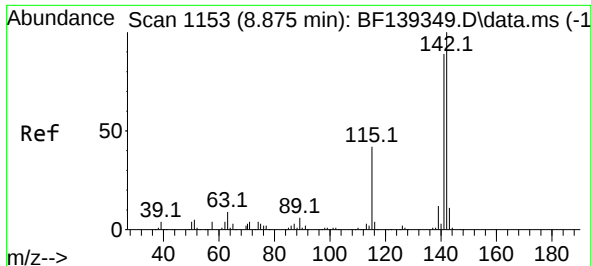
Tgt Ion: 82 Resp: 422684
Ion Ratio Lower Upper
82 100
95 0.2 6.7 10.1#
138 0.0 13.3 19.9#



#35
Caprolactam
Concen: 5.137 ng
RT: 8.575 min Scan# 1102
Delta R.T. -0.024 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

Tgt Ion: 113 Resp: 6844
Ion Ratio Lower Upper
113 100
55 345.4 186.1 226.1#
56 304.4 144.9 184.9#





#37

2-Methylnaphthalene

Concen: 6.853 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139487.D

Acq: 20 Sep 2024 02:31

Instrument :

BNA_F

ClientSampleId :

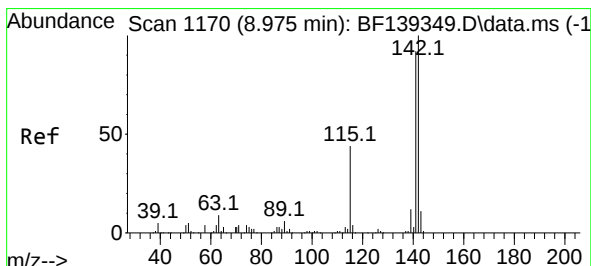
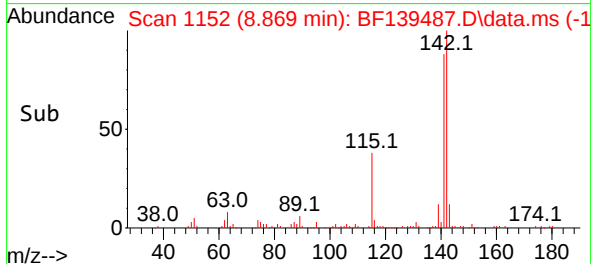
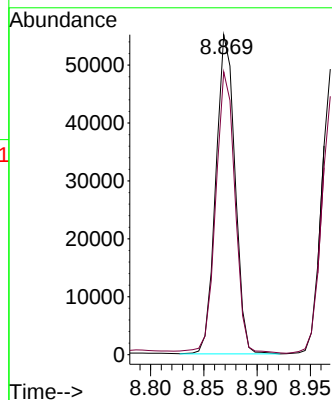
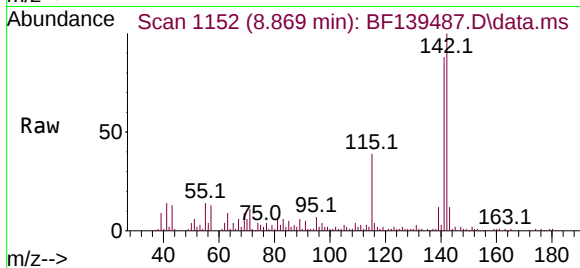
WC-14-7.5-10A

Tgt Ion:142 Resp: 68820

Ion Ratio Lower Upper

142 100

141 88.4 71.6 107.4



#38

1-Methylnaphthalene

Concen: 6.217 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139487.D

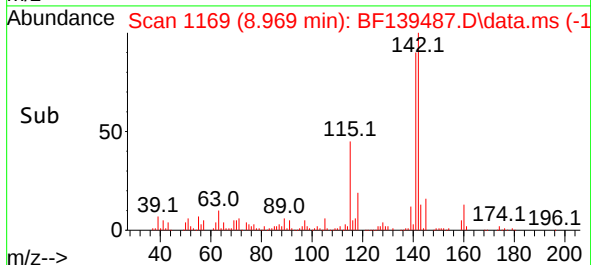
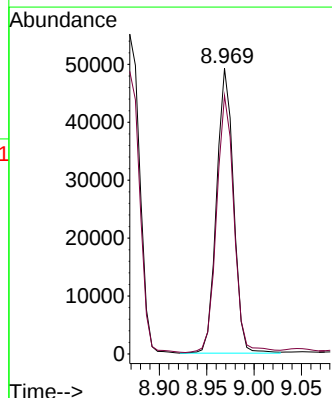
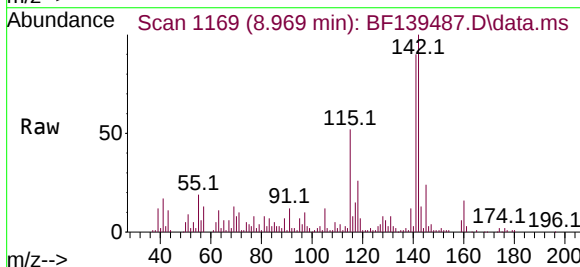
Acq: 20 Sep 2024 02:31

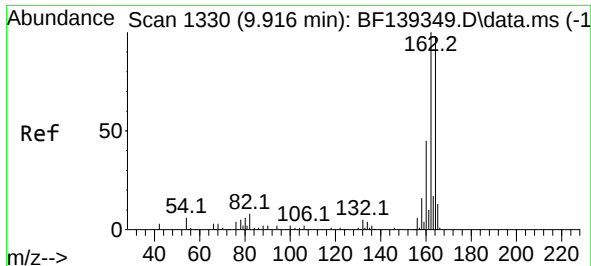
Tgt Ion:142 Resp: 61289

Ion Ratio Lower Upper

142 100

141 90.4 73.2 109.8

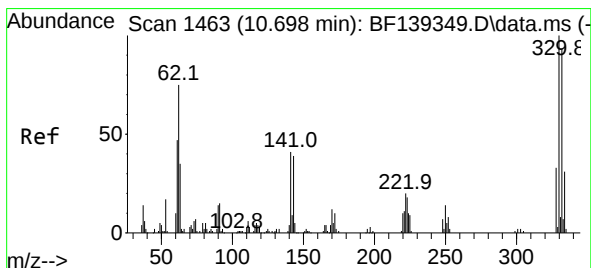
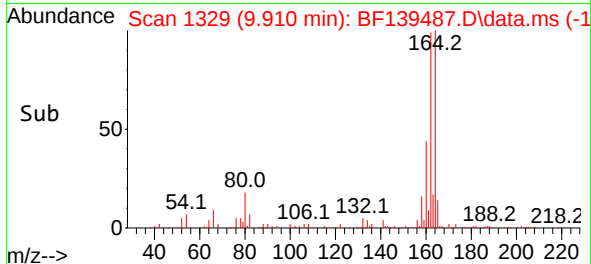
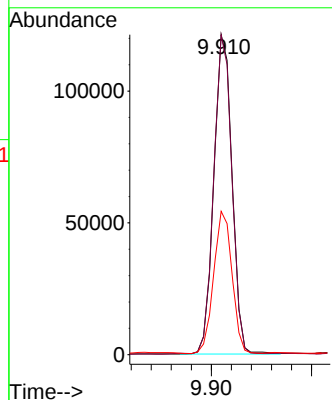
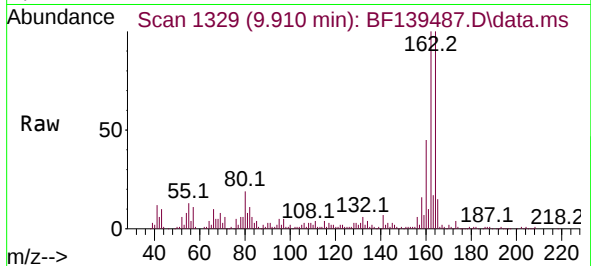




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

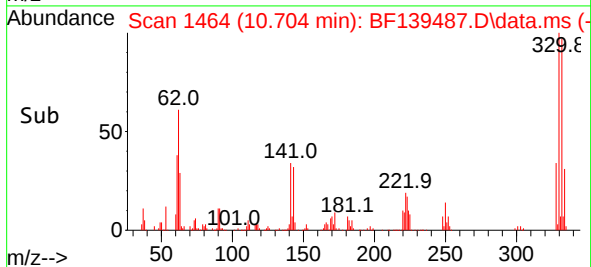
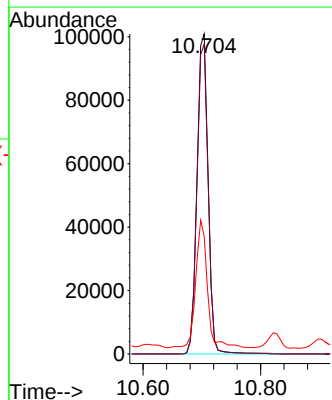
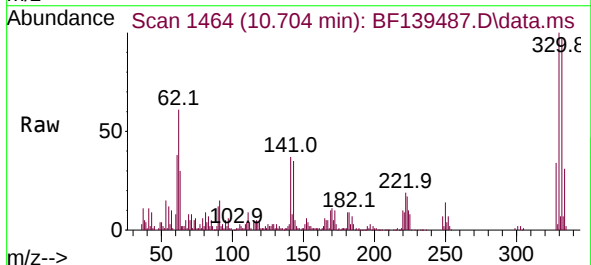
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

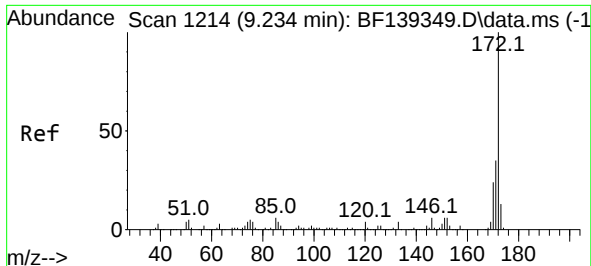
Tgt Ion:164 Resp: 152543
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 44.8 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 81.639 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

Tgt Ion:330 Resp: 132582
Ion Ratio Lower Upper
330 100
332 97.1 75.2 112.8
141 41.3 31.2 46.8

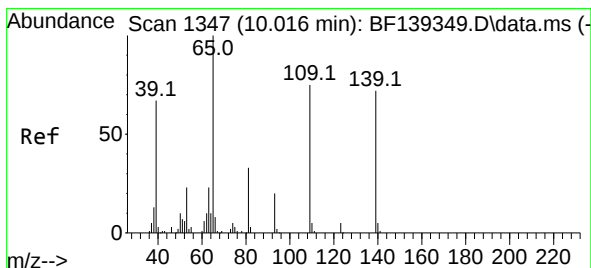
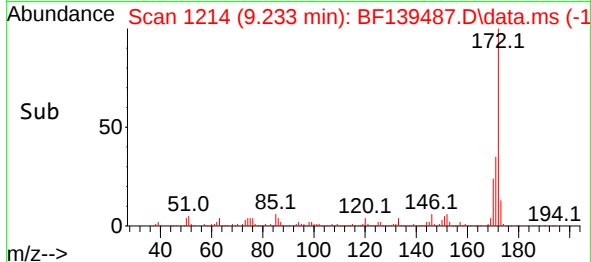
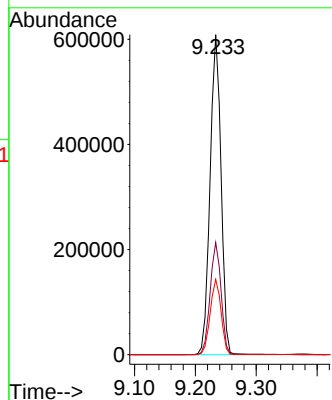
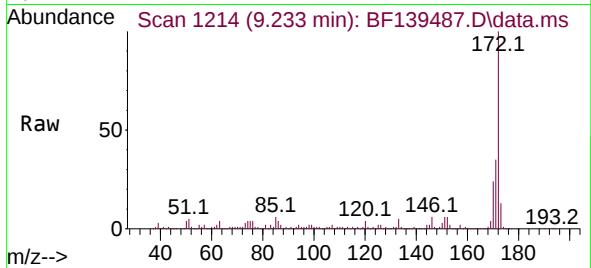




#45
2-Fluorobiphenyl
Concen: 70.187 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

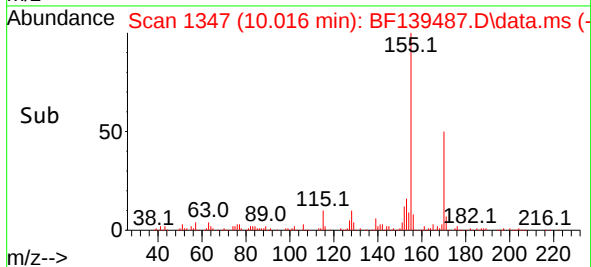
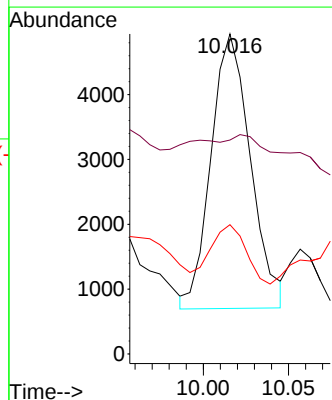
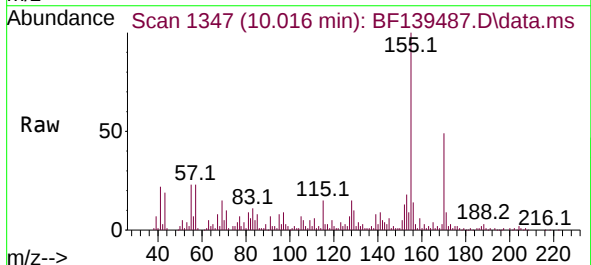
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

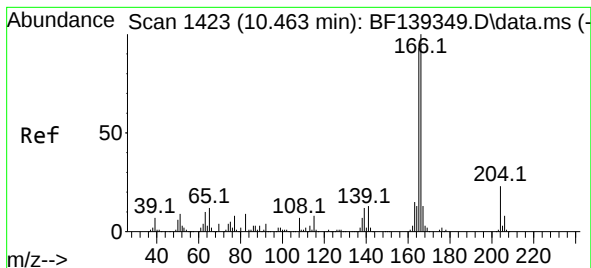
Tgt Ion:172	Resp: 763376
Ion Ratio	Lower Upper
172 100	
171 35.1	28.3 42.5
170 23.5	19.0 28.6



#56
4-Nitrophenol
Concen: 3.717 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

Tgt Ion:139	Resp: 6817
Ion Ratio	Lower Upper
139 100	
109 66.8	84.1 124.1#
65 40.4	120.0 160.0#





#58

Fluorene

Concen: 2.057 ng

RT: 10.457 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF139487.D

Acq: 20 Sep 2024 02:31

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10A

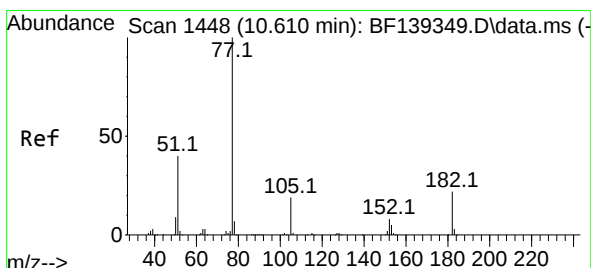
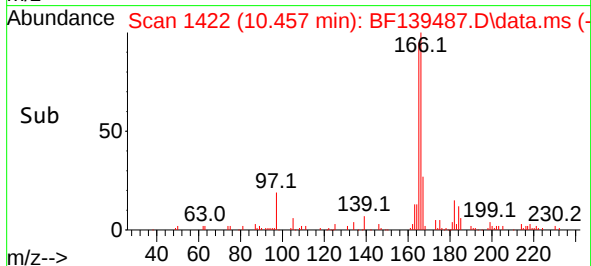
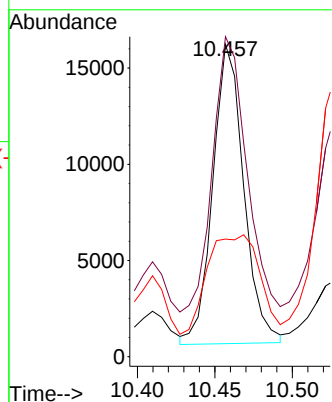
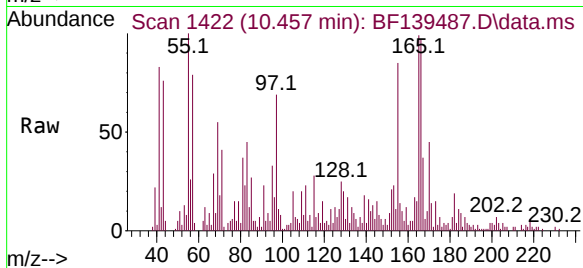
Tgt Ion:166 Resp: 21565

Ion Ratio Lower Upper

166 100

165 102.5 74.5 111.7

167 37.7 10.6 16.0#



#63

Azobenzene

Concen: 2.804 ng

RT: 10.622 min Scan# 1450

Delta R.T. 0.012 min

Lab File: BF139487.D

Acq: 20 Sep 2024 02:31

Tgt Ion: 77 Resp: 28498

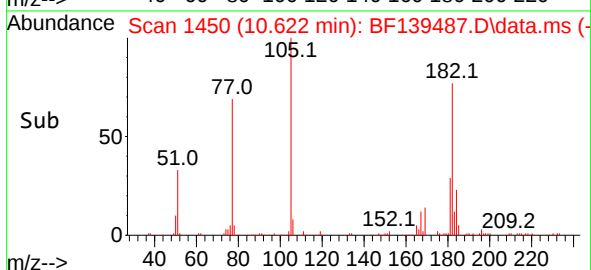
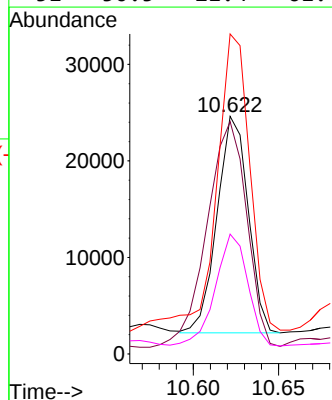
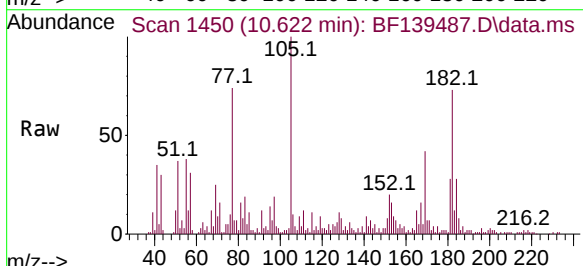
Ion Ratio Lower Upper

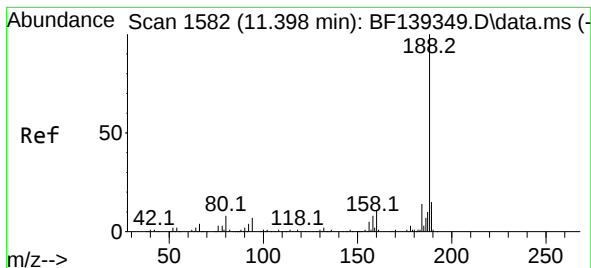
77 100

182 97.8 1.8 41.8#

105 134.7 0.0 38.6#

51 50.5 21.4 61.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139487.D

Acq: 20 Sep 2024 02:31

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10A

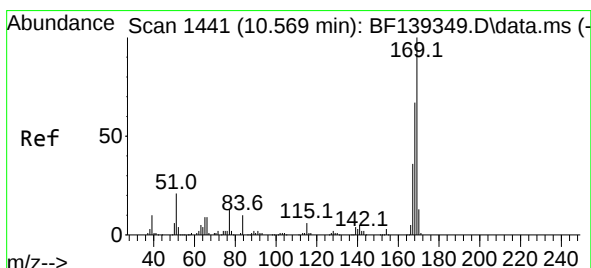
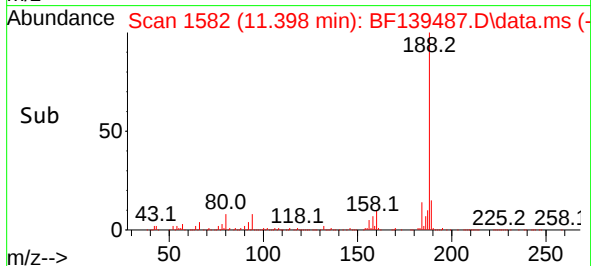
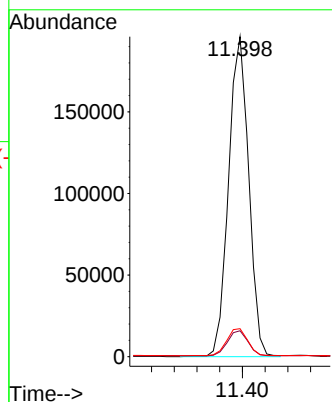
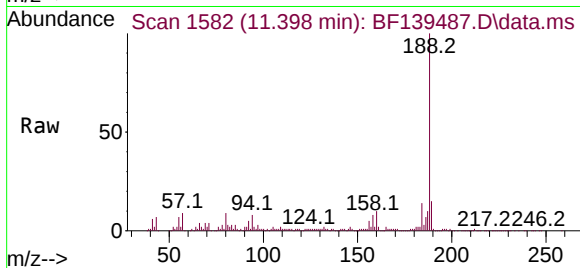
Tgt Ion:188 Resp: 241662

Ion Ratio Lower Upper

188 100

94 8.1 5.5 8.3

80 8.7 6.6 9.8



#66

n-Nitrosodiphenylamine

Concen: 5.617 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.000 min

Lab File: BF139487.D

Acq: 20 Sep 2024 02:31

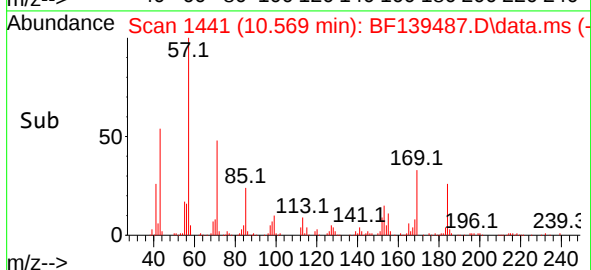
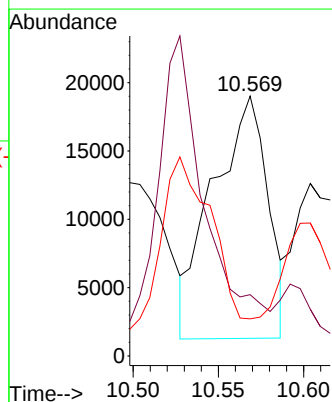
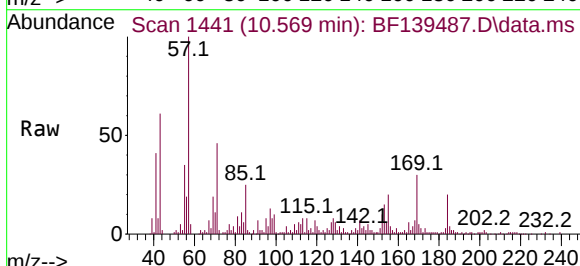
Tgt Ion:169 Resp: 39689

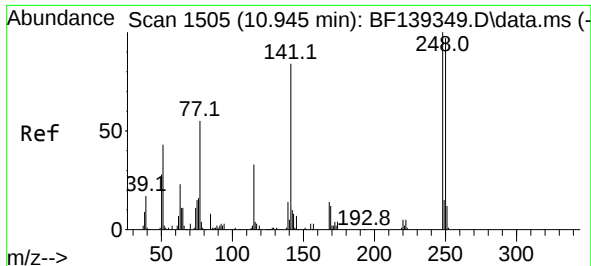
Ion Ratio Lower Upper

169 100

168 23.6 53.6 80.4#

167 14.3 28.7 43.1#

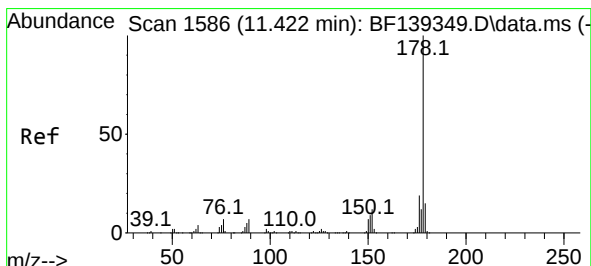
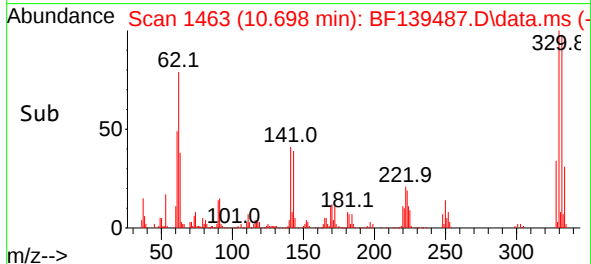
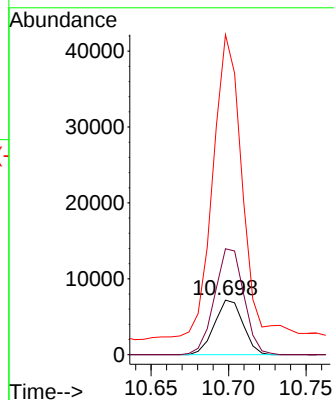
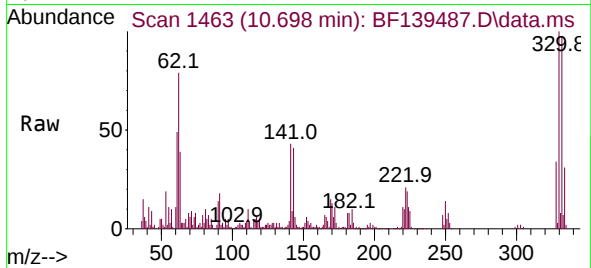




#67
4-Bromophenyl-phenylether
Concen: 3.845 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

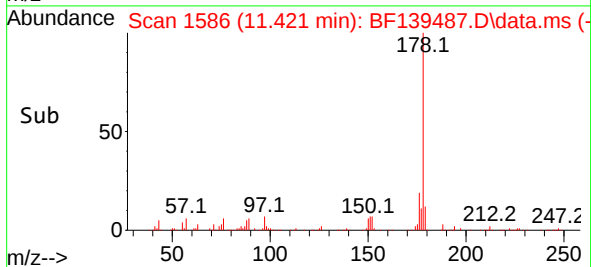
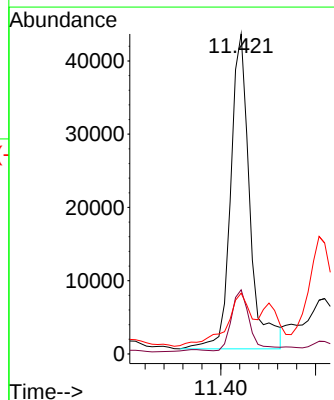
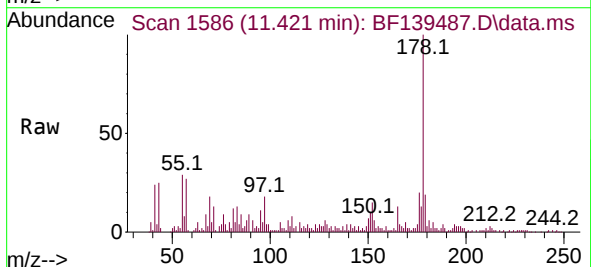
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

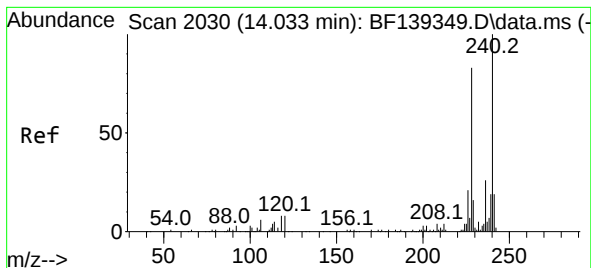
Tgt Ion:248 Resp: 9209
Ion Ratio Lower Upper
248 100
250 194.5 77.6 116.4#
141 587.2 66.9 100.3#



#71
Phenanthrene
Concen: 5.190 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

Tgt Ion:178 Resp: 60516
Ion Ratio Lower Upper
178 100
176 20.1 15.2 22.8
179 19.0 12.2 18.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139487.D

Acq: 20 Sep 2024 02:31

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10A

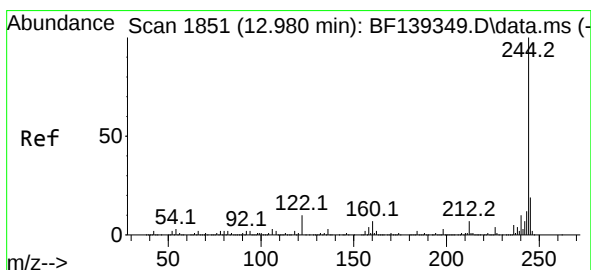
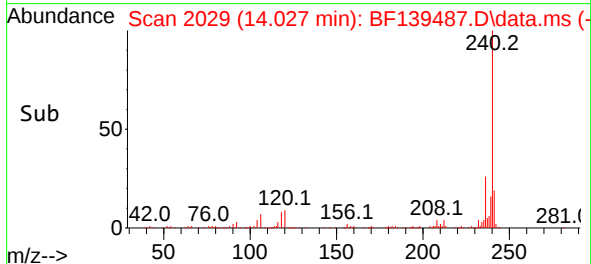
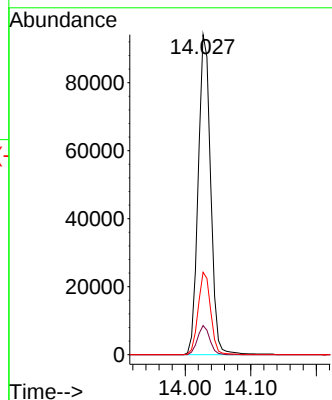
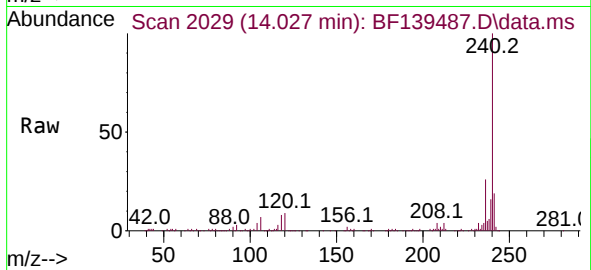
Tgt Ion:240 Resp: 124369

Ion Ratio Lower Upper

240 100

120 9.1 6.2 9.2

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 68.408 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139487.D

Acq: 20 Sep 2024 02:31

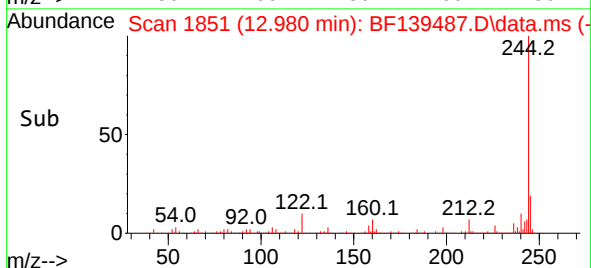
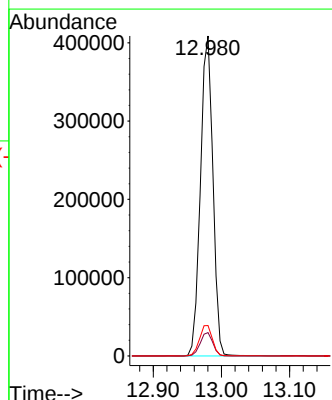
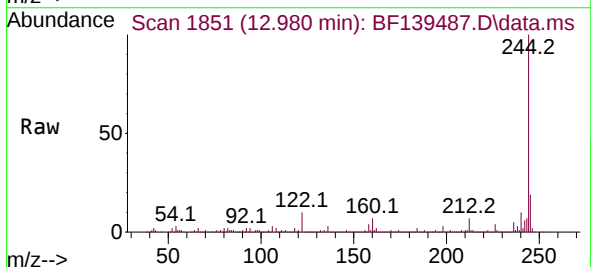
Tgt Ion:244 Resp: 518332

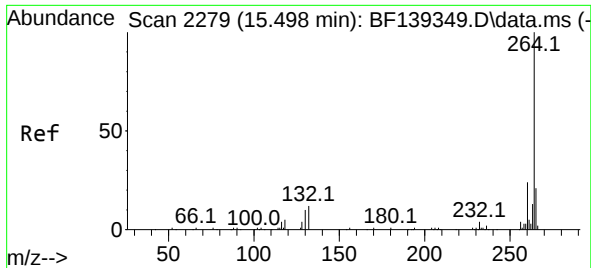
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

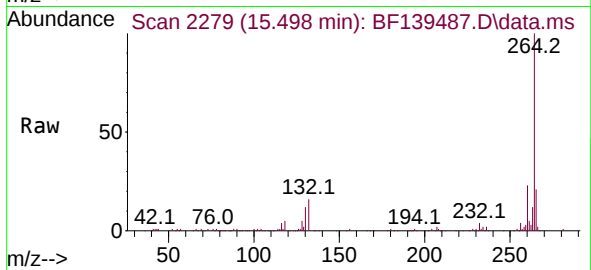
122 9.5 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139487.D
 Acq: 20 Sep 2024 02:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-7.5-10A



Tgt Ion:264 Resp: 122967
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 21.5 16.6 25.0

