

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)

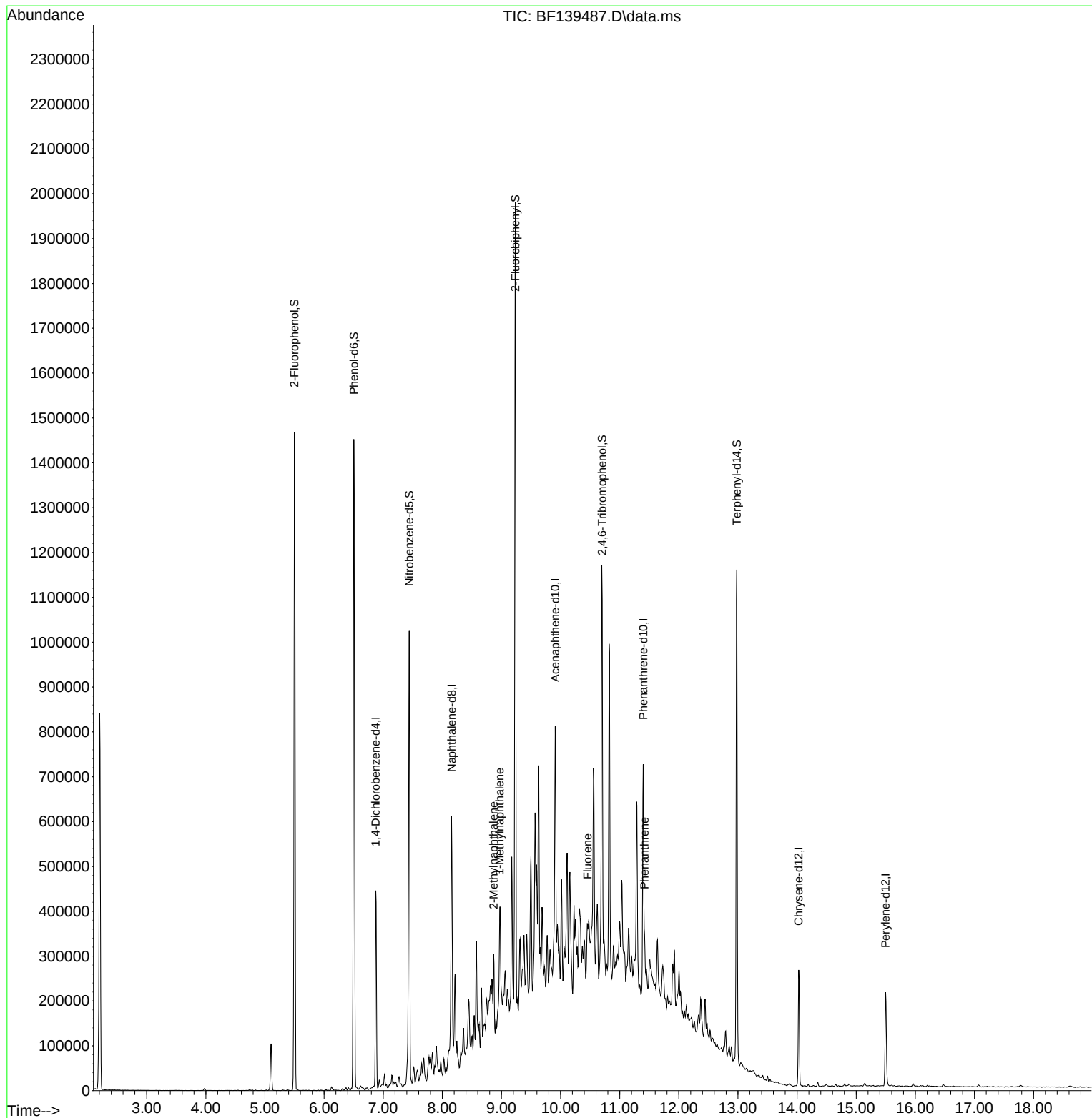
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84587	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	303040	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	152543	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	241662	20.000	ng	0.00
76) Chrysene-d12	14.027	240	124369	20.000	ng	0.00
86) Perylene-d12	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
37) 2-Methylnaphthalene	8.869	142	68820	6.853	ng	99
38) 1-Methylnaphthalene	8.969	142	61289	6.217	ng	99
58) Fluorene	10.457	166	21565	2.057	ng	# 84
71) Phenanthrene	11.421	178	60516	5.190	ng	# 95

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

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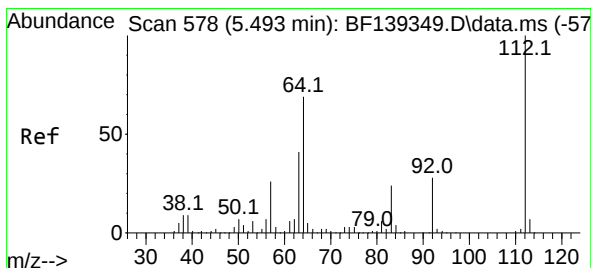
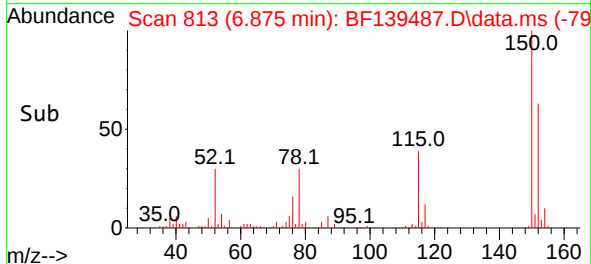
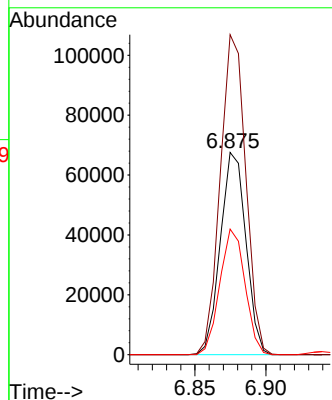
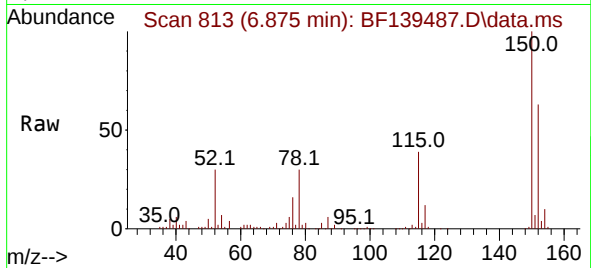




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

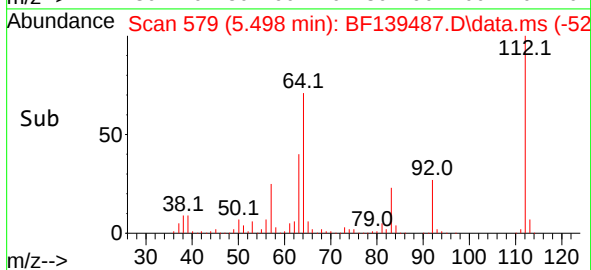
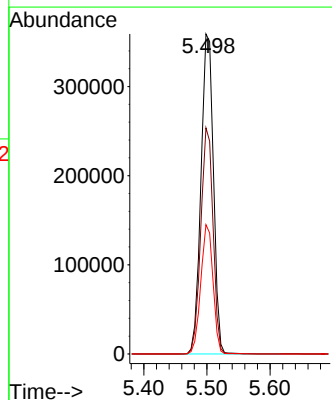
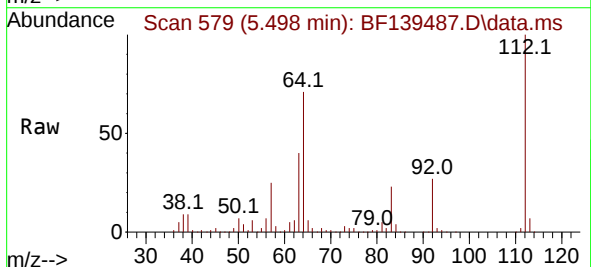
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

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

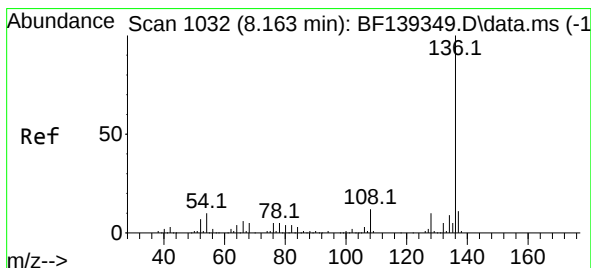
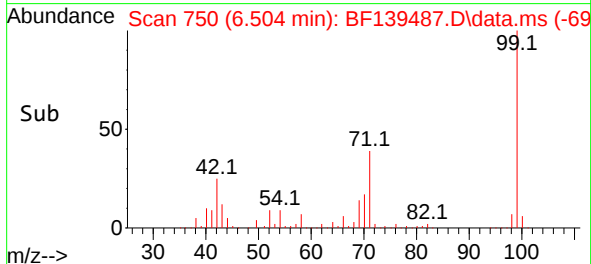
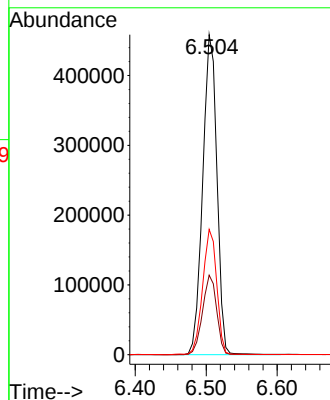
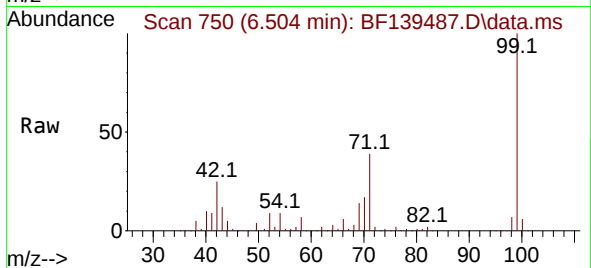




#7
Phenol-d6
Concen: 94.049 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

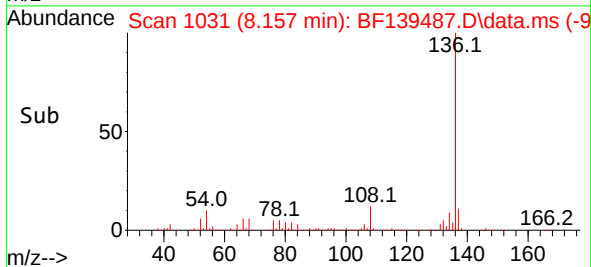
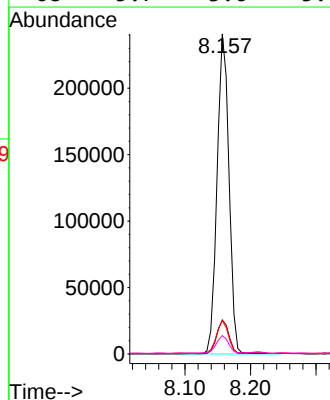
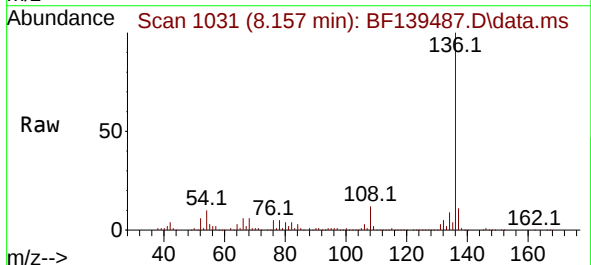
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

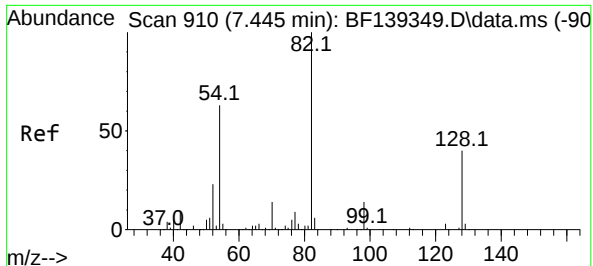
Tgt Ion: 99 Resp: 640079
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 39.2 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

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#

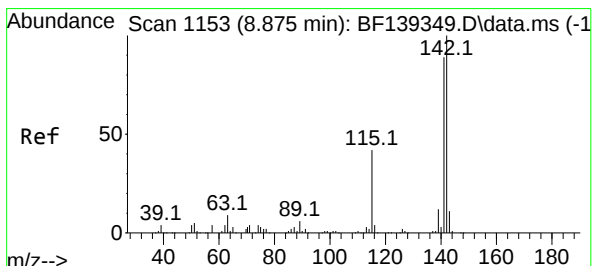
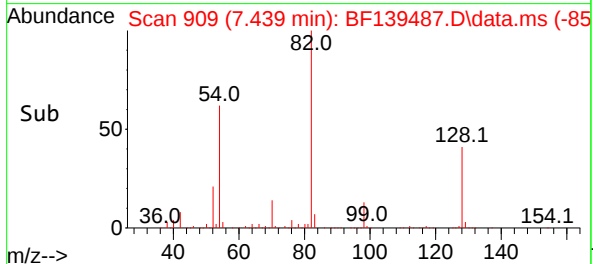
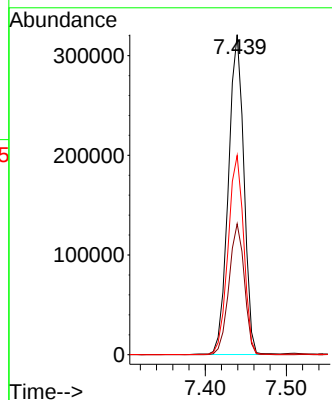
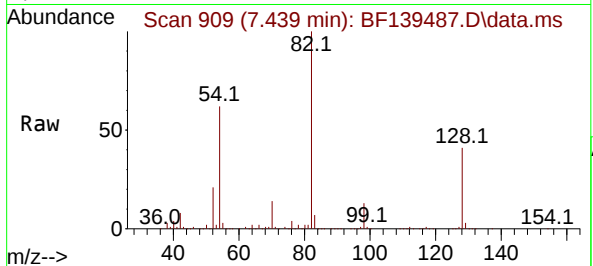




#23
Nitrobenzene-d5
Concen: 66.106 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

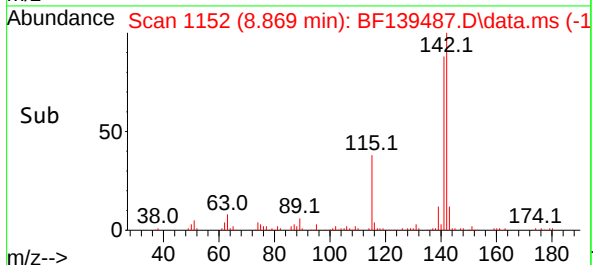
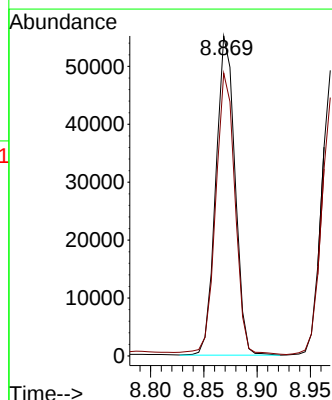
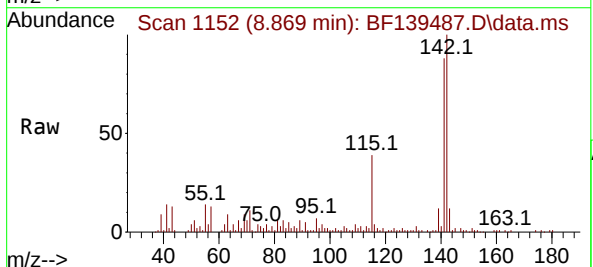
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

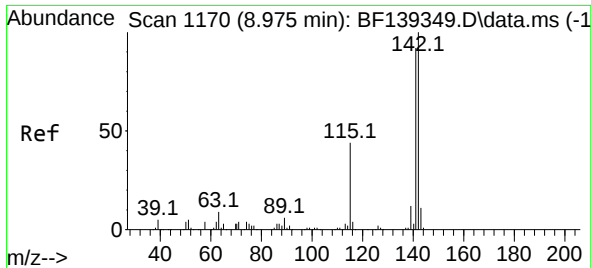
Tgt Ion: 82 Resp: 426123
Ion Ratio Lower Upper
82 100
128 40.9 31.8 47.6
54 62.3 50.6 75.8



#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

Tgt Ion: 142 Resp: 68820
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4

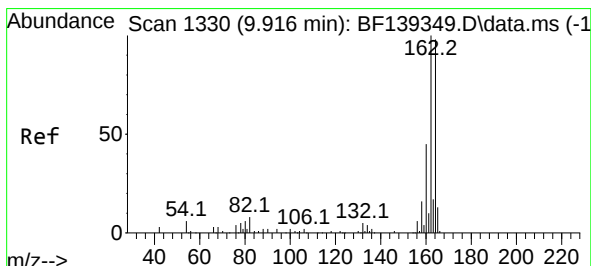
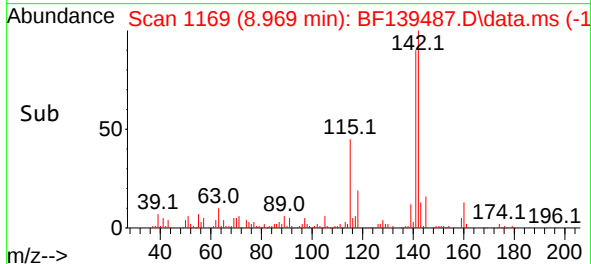
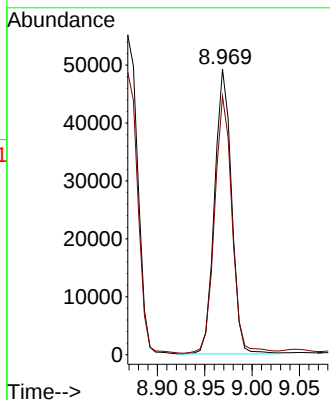
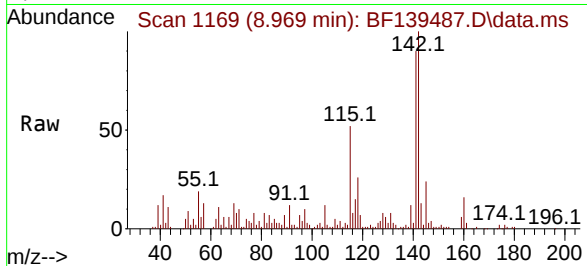




#38
1-Methylnaphthalene
Concen: 6.217 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

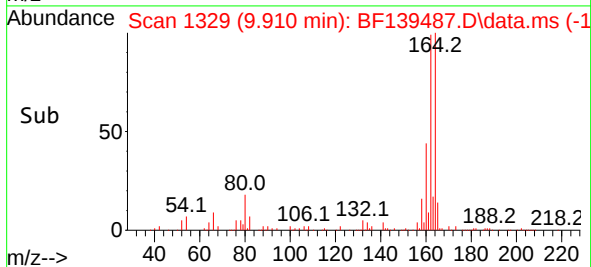
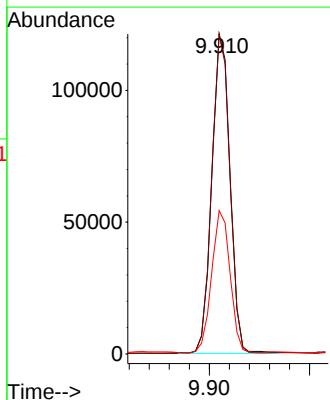
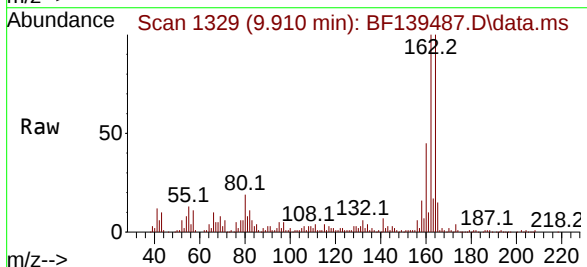
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

Tgt Ion:142 Resp: 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# 1329
Delta R.T. -0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

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

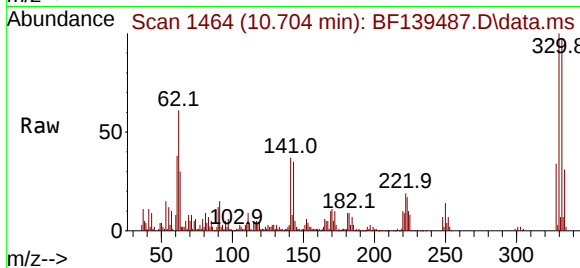
Acq: 20 Sep 2024 02:31

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10A



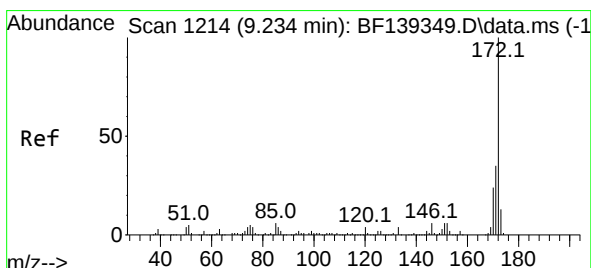
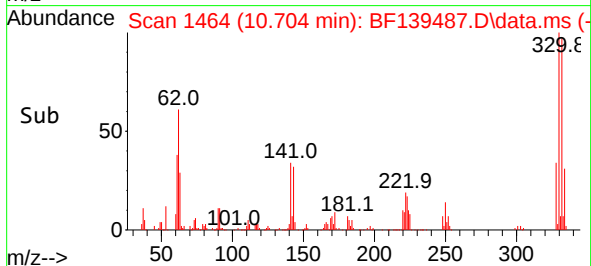
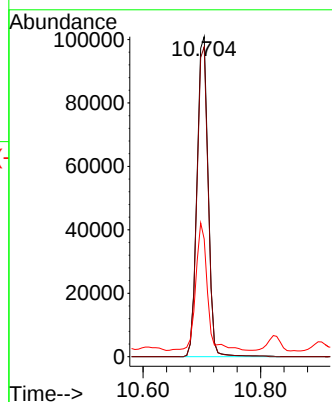
Tgt Ion:330 Resp: 132582

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

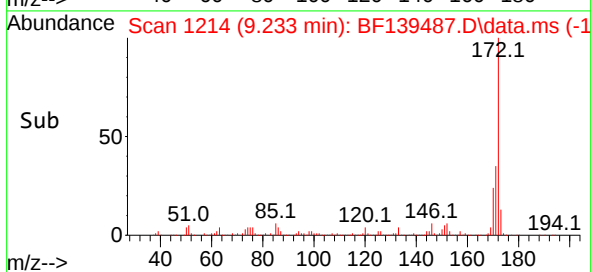
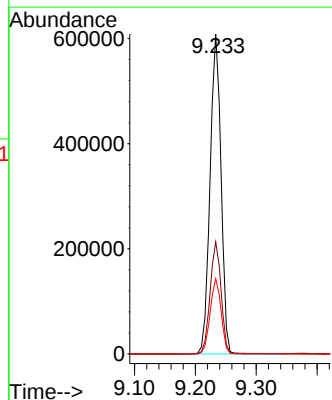
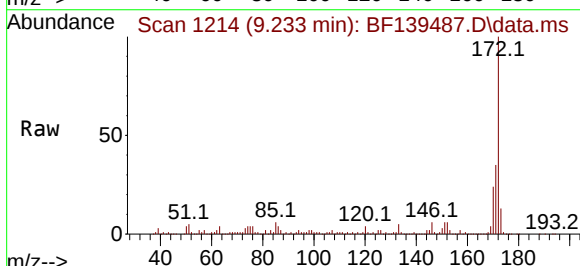
Tgt Ion:172 Resp: 763376

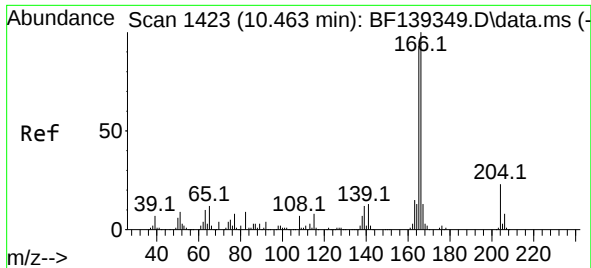
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6

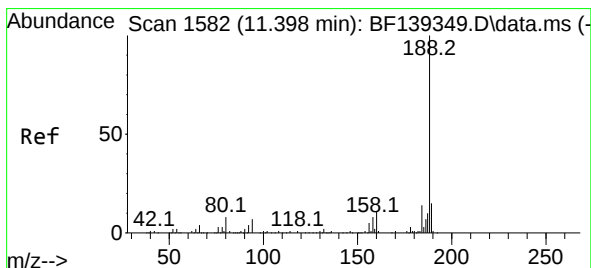
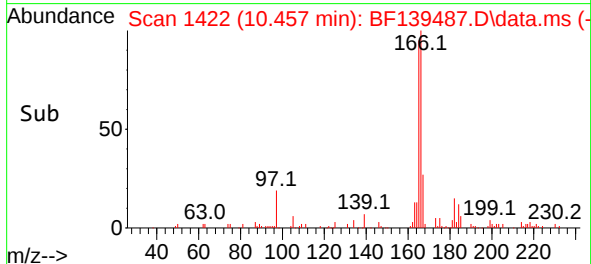
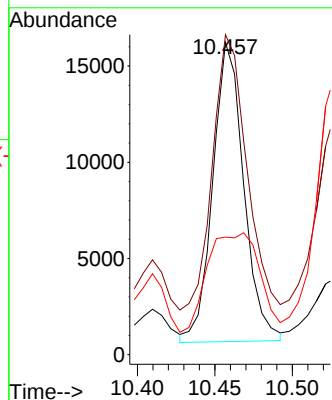
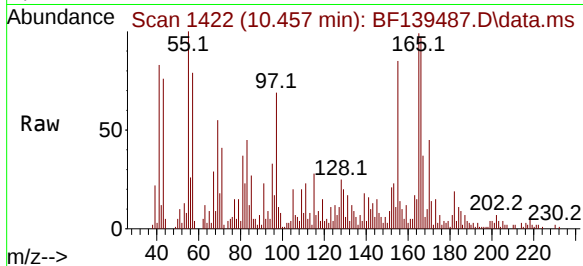




#58
Fluorene
Concen: 2.057 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

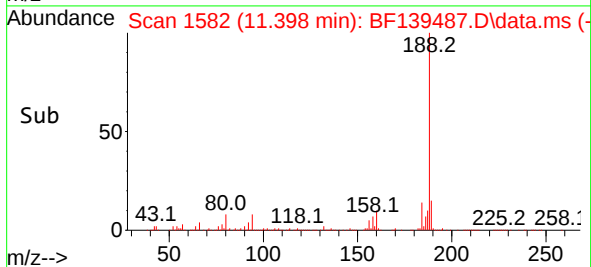
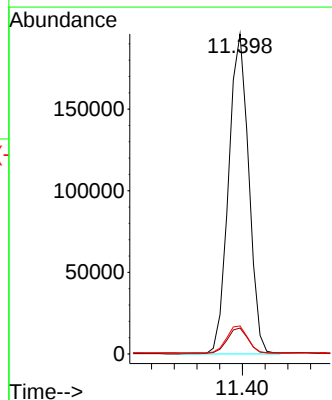
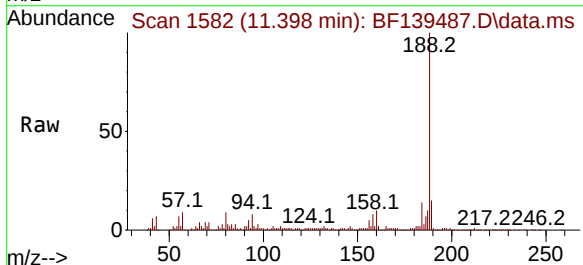
Instrument :
BNA_F
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WC-14-7.5-10A

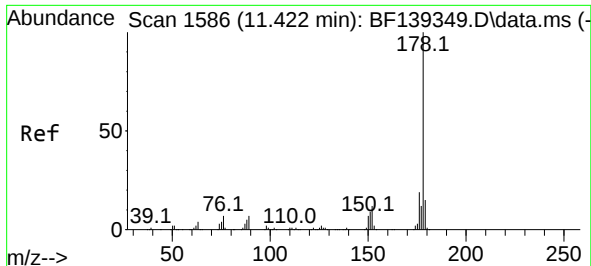
Tgt Ion:166 Resp: 21565
Ion Ratio Lower Upper
166 100
165 102.5 74.5 111.7
167 37.7 10.6 16.0#



#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

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

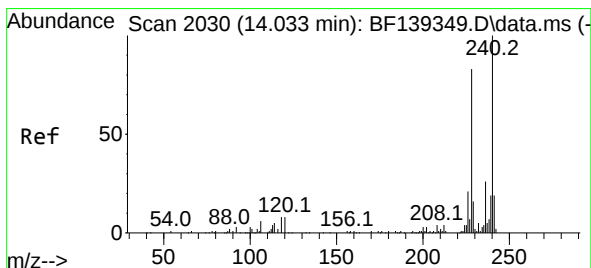
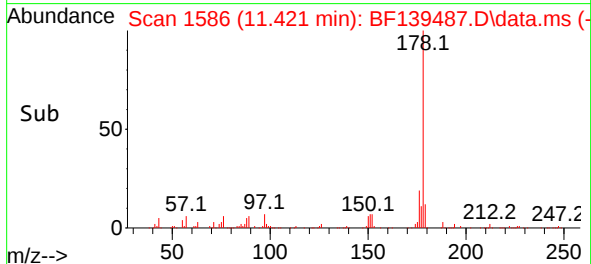
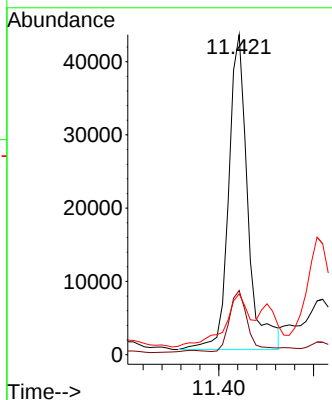
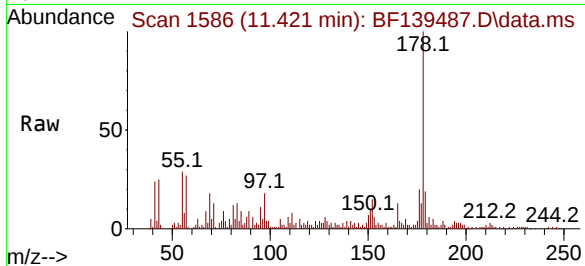




#71
Phenanthrene
Concen: 5.190 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

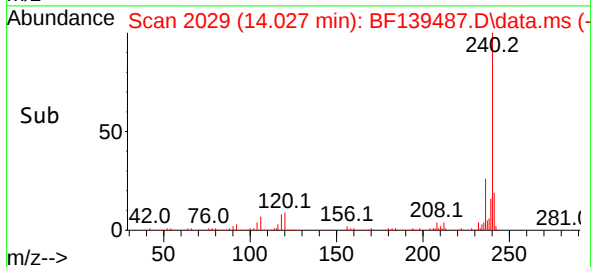
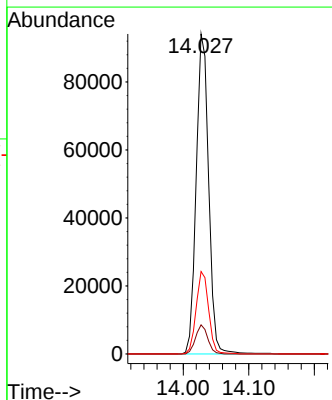
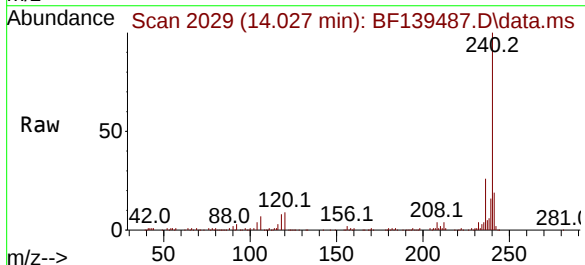
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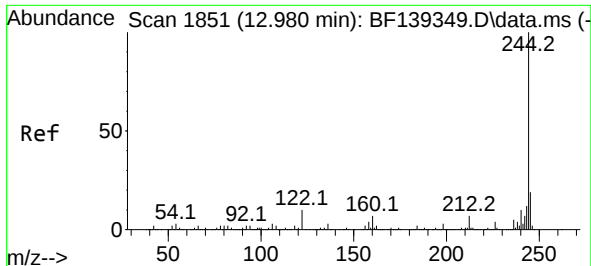
Tgt Ion:178 Resp: 60516
Ion Ratio Lower Upper
178 100
176 20.1 15.2 22.8
179 19.0 12.2 18.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

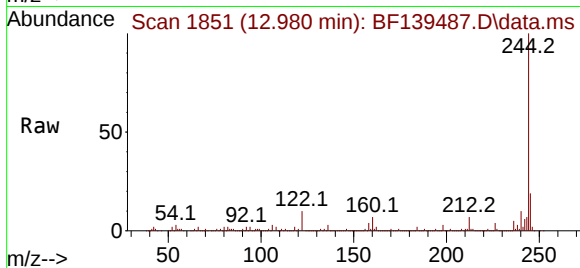
Tgt Ion:240 Resp: 124369
Ion Ratio Lower Upper
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120 9.1 6.2 9.2
236 25.7 20.9 31.3



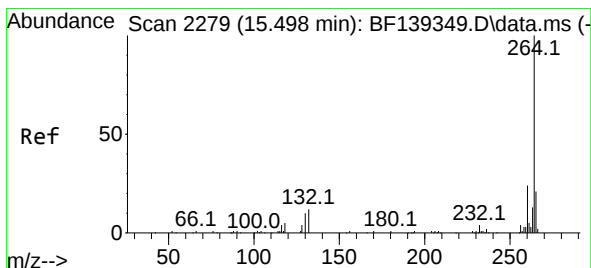
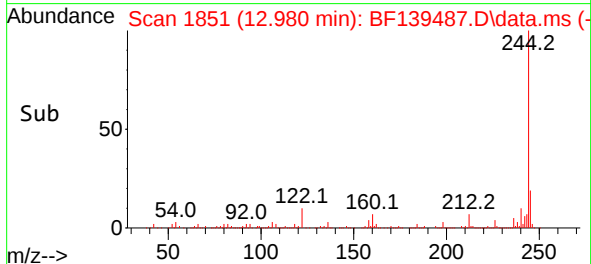
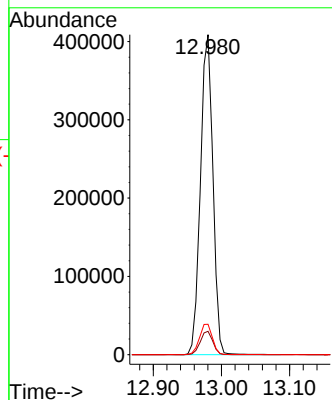


#79
Terphenyl-d14
Concen: 68.408 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

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



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# 2279
Delta R.T. -0.000 min
Lab File: BF139487.D
Acq: 20 Sep 2024 02:31

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

