

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139194.D
 Acq On : 27 Aug 2024 18:56
 Operator : RC/JU
 Sample : P3735-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13

Quant Time: Aug 28 00:49:19 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)

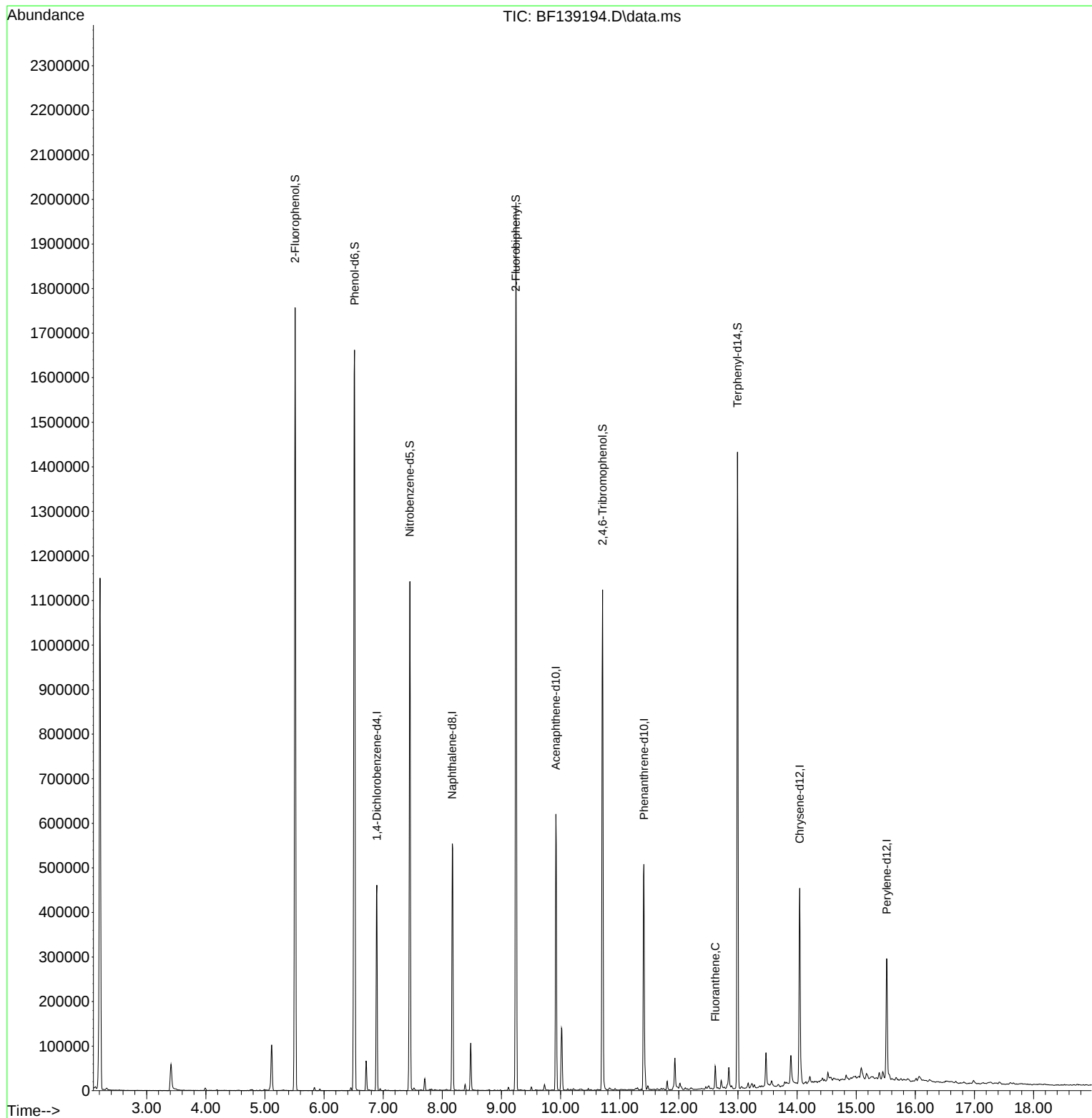
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	91165	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	329785	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	176907	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	261110	20.000	ng	0.00
76) Chrysene-d12	14.045	240	190521	20.000	ng	0.00
86) Perylene-d12	15.515	264	149324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	606153	111.726	ng	0.00
7) Phenol-d6	6.516	99	793800	106.611	ng	0.00
23) Nitrobenzene-d5	7.451	82	508092	85.354	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	167545	110.582	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	806725	70.836	ng	0.00
79) Terphenyl-d14	12.992	244	669311	54.815	ng	0.00
Target Compounds						
75) Fluoranthene	12.616	202	27601	2.156	ng	Qvalue 98

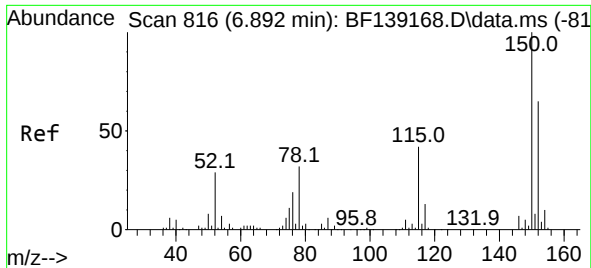
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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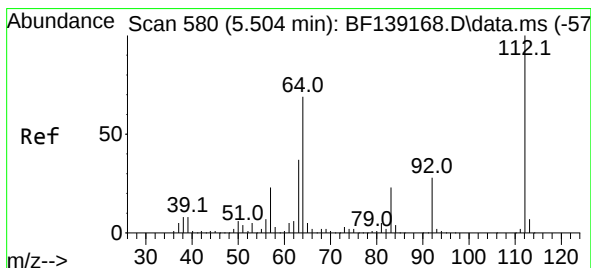
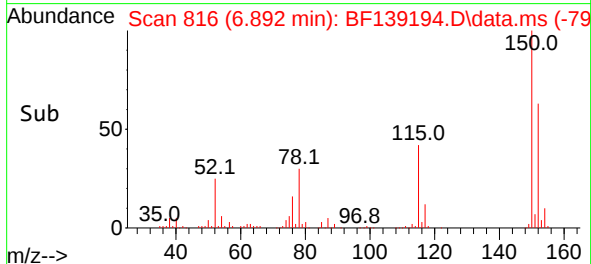
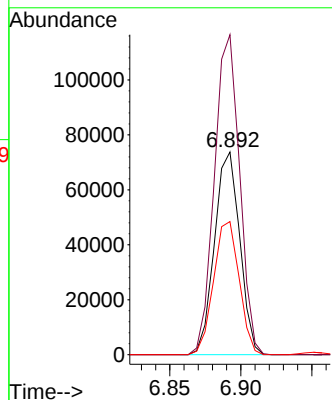
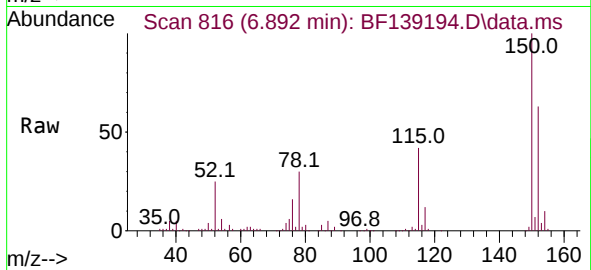




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

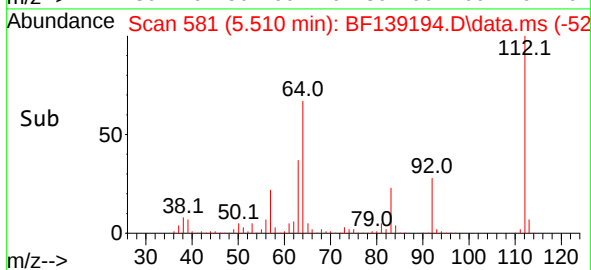
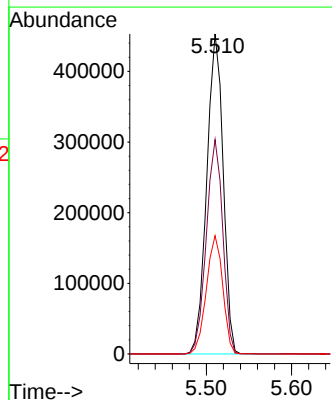
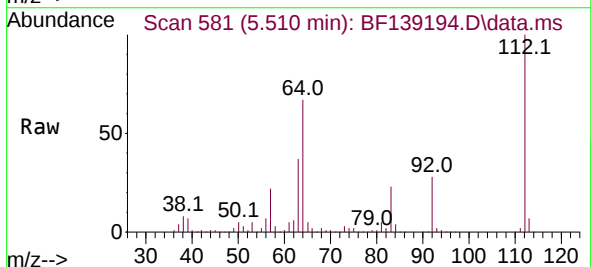
Instrument :
BNA_F
ClientSampleId :
WC-13

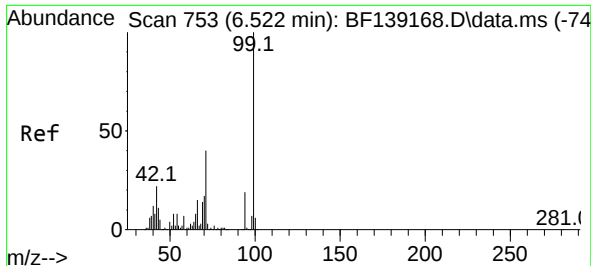
Tgt Ion:152 Resp: 91165
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 65.6 51.8 77.8



#5
2-Fluorophenol
Concen: 111.726 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion:112 Resp: 606153
Ion Ratio Lower Upper
112 100
64 67.0 55.5 83.3
63 37.0 29.8 44.6

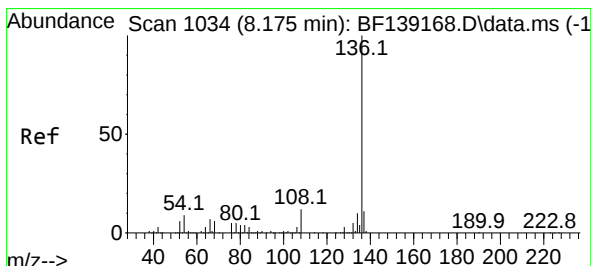
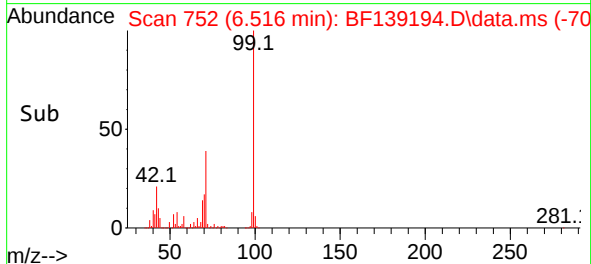
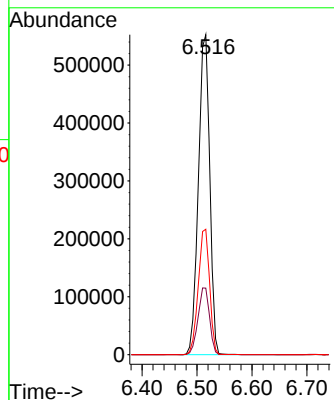
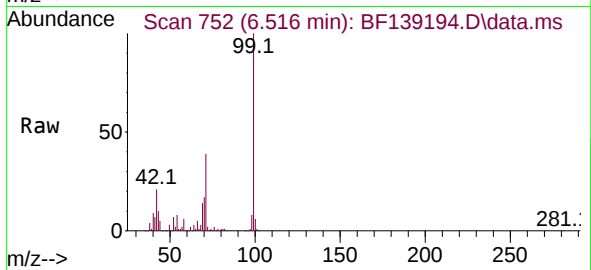




#7
Phenol-d6
Concen: 106.611 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

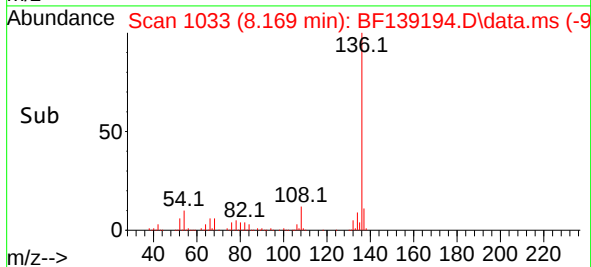
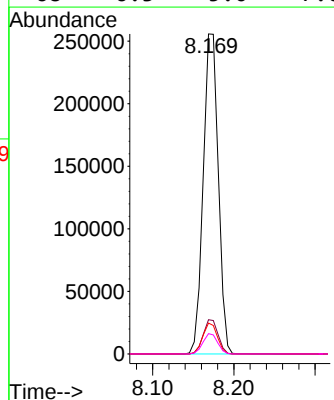
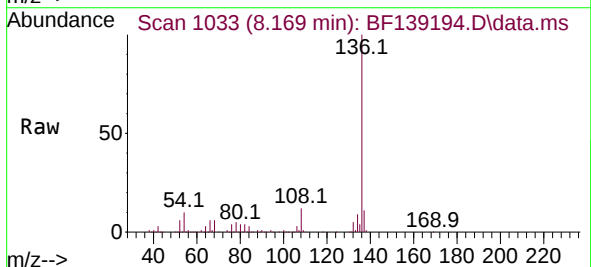
Instrument :
BNA_F
ClientSampleId :
WC-13

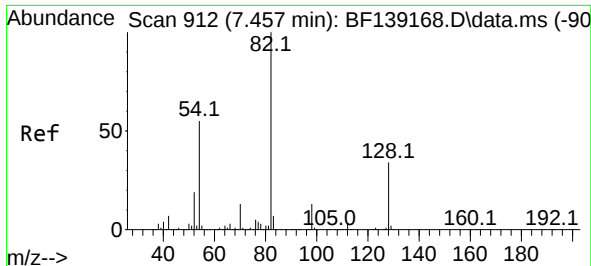
Tgt Ion: 99 Resp: 793800
Ion Ratio Lower Upper
99 100
42 20.8 17.9 26.9
71 39.2 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion: 136 Resp: 329785
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.6 7.6 11.4
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 85.354 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

Instrument :

BNA_F

ClientSampleId :

WC-13

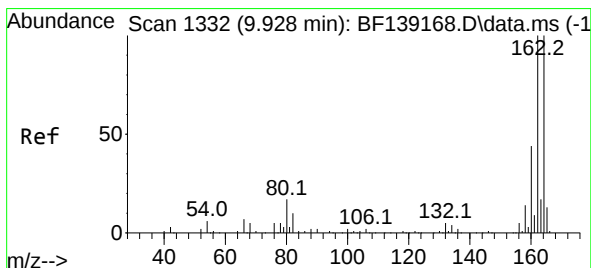
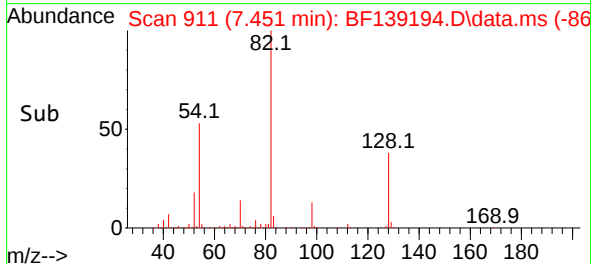
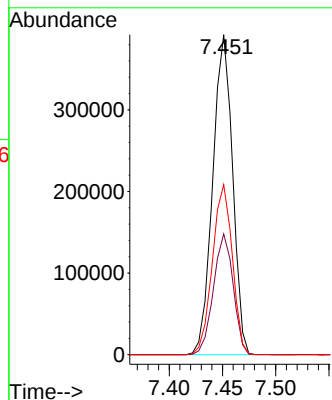
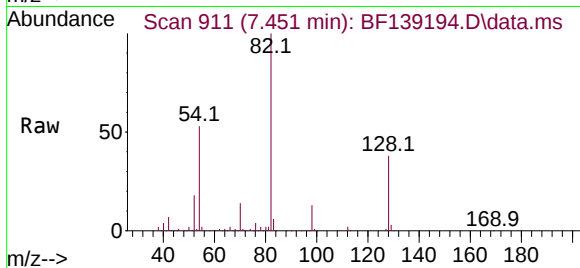
Tgt Ion: 82 Resp: 508092

Ion Ratio Lower Upper

82 100

128 37.8 27.1 40.7

54 53.1 44.2 66.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

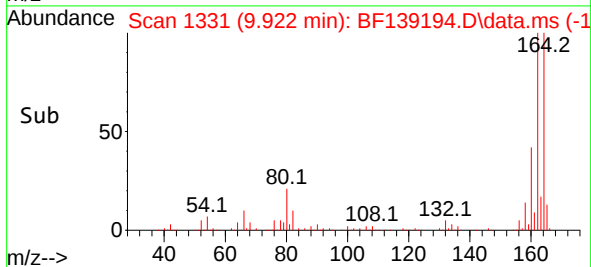
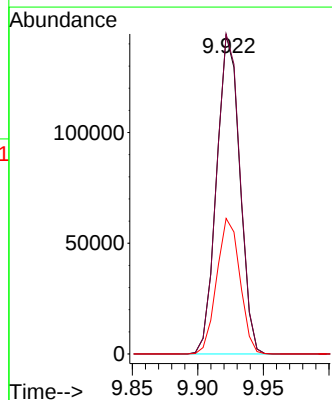
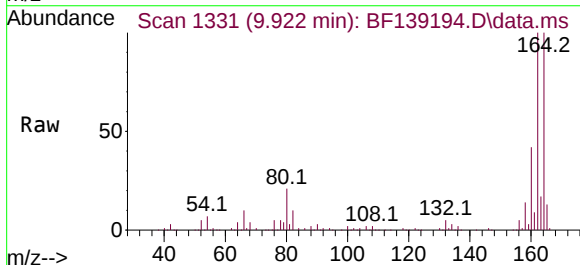
Tgt Ion: 164 Resp: 176907

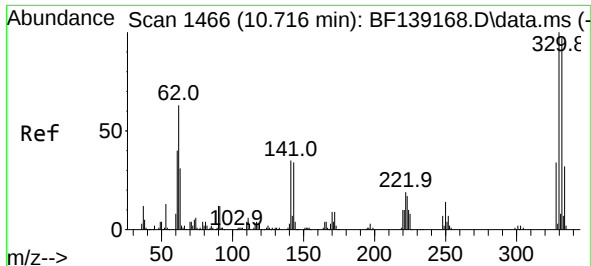
Ion Ratio Lower Upper

164 100

162 100.4 80.0 120.0

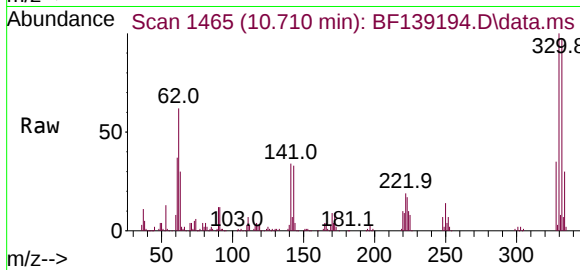
160 42.5 35.0 52.6



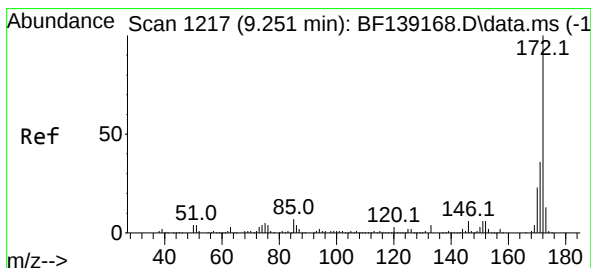
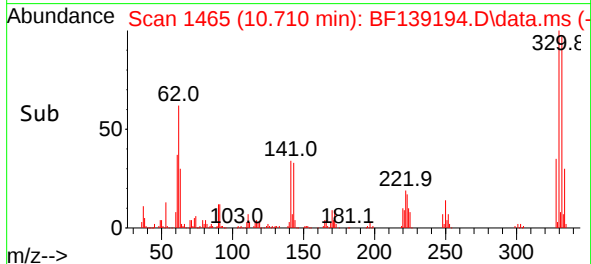
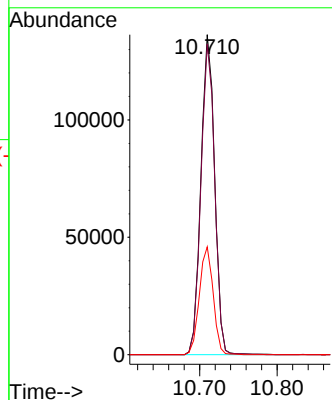


#42
2,4,6-Tribromophenol
Concen: 110.582 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Instrument :
BNA_F
ClientSampleId :
WC-13

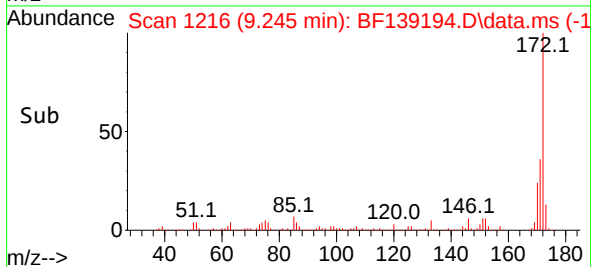
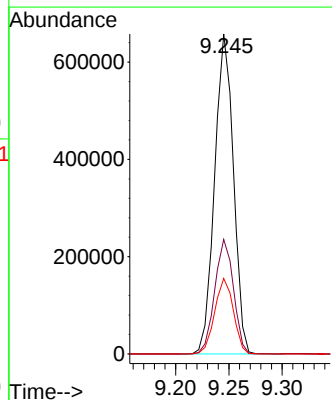
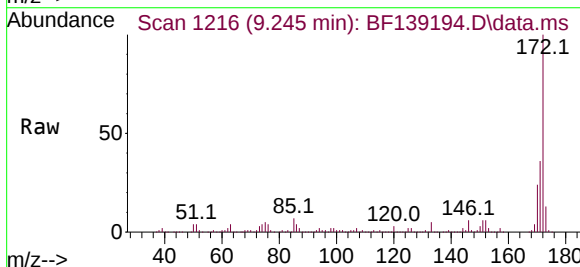


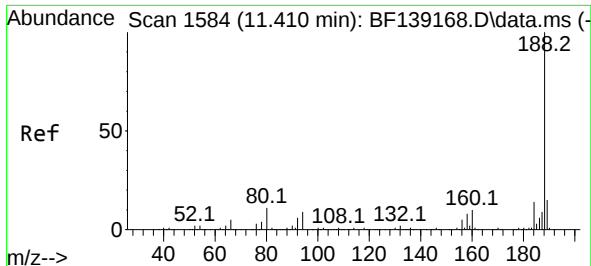
Tgt Ion:330 Resp: 167545
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.9 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 70.836 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion:172 Resp: 806725
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.6 18.8 28.2

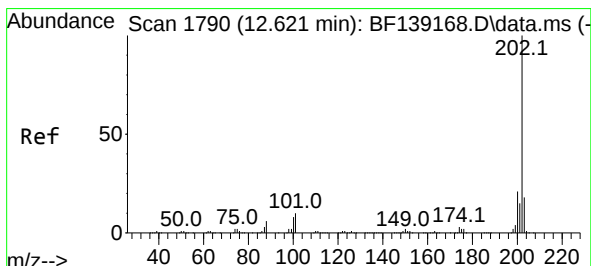
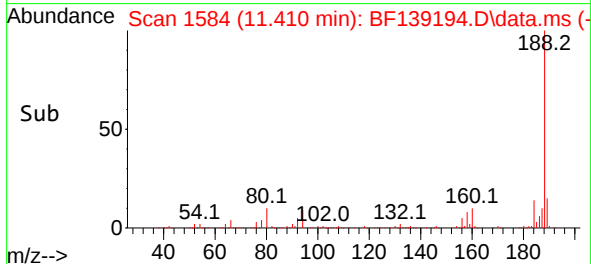
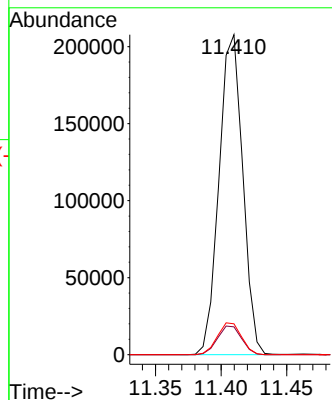
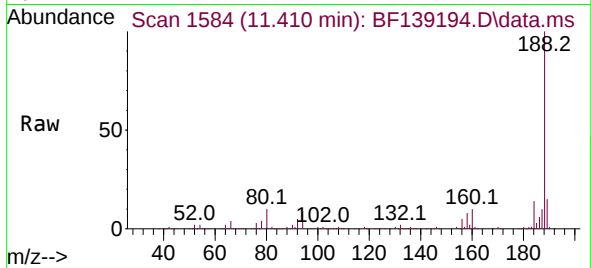




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

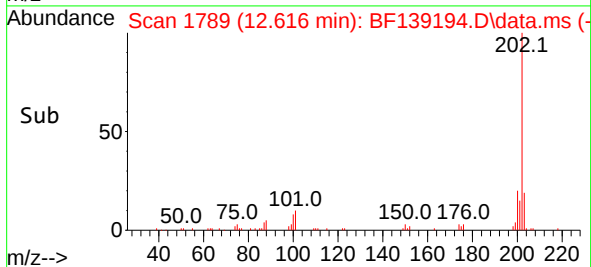
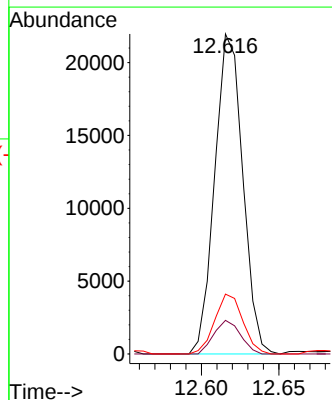
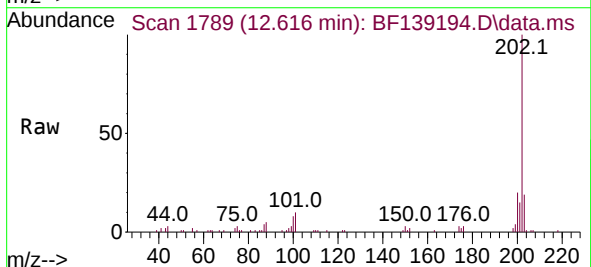
Instrument :
BNA_F
ClientSampleId :
WC-13

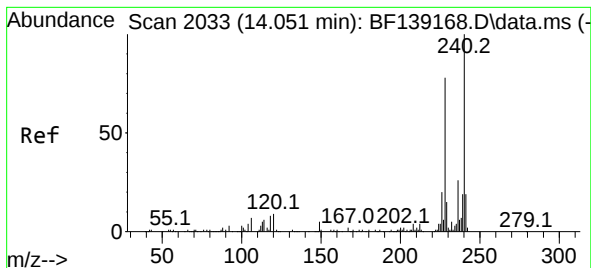
Tgt Ion:188 Resp: 261110
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.6 8.9 13.3



#75
Fluoranthene
Concen: 2.156 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion:202 Resp: 27601
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.1
203 18.7 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

Instrument :

BNA_F

ClientSampleId :

WC-13

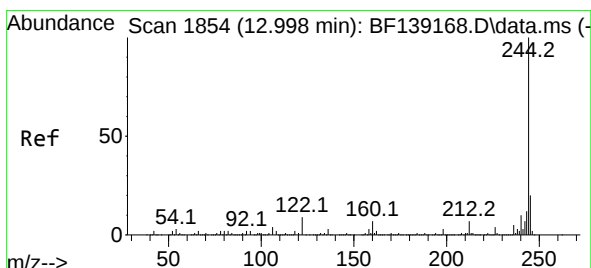
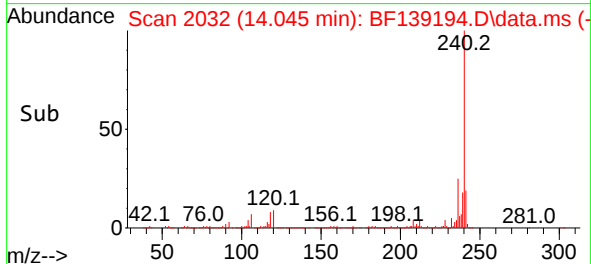
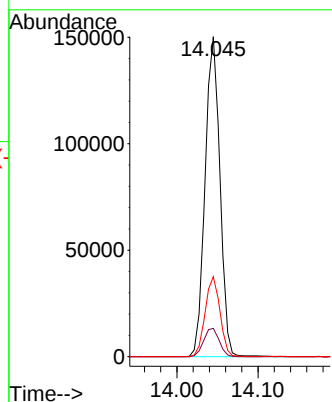
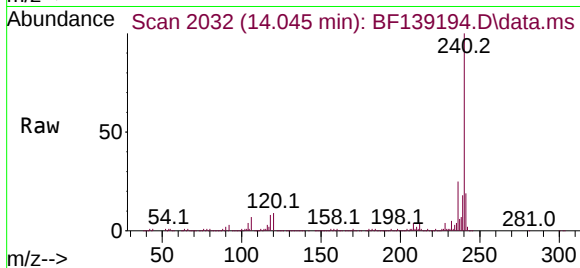
Tgt Ion:240 Resp: 190521

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

236 25.0 20.9 31.3



#79

Terphenyl-d14

Concen: 54.815 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

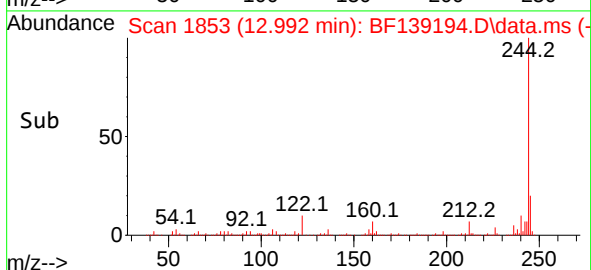
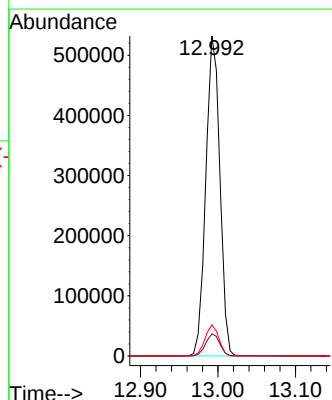
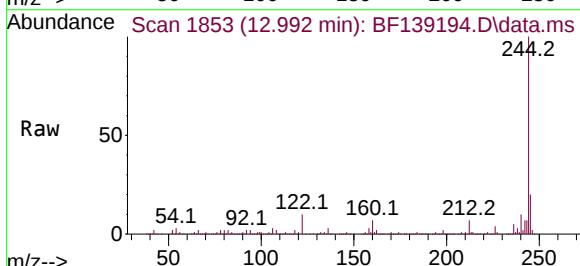
Tgt Ion:244 Resp: 669311

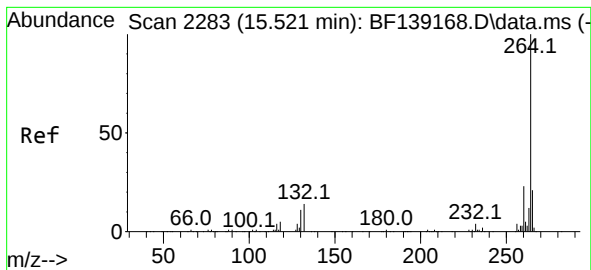
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

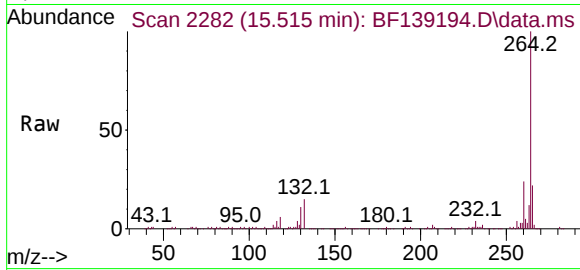
122 9.7 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Instrument :
BNA_F
ClientSampleId :
WC-13



Tgt Ion:264 Resp: 149324

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.6	17.0	25.6

