

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137047.D
 Acq On : 12 Jan 2024 14:33
 Operator : CG\JU
 Sample : P1123-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MEDIAN-WEST-SIDE-HOWARD-BLVD

Quant Time: Jan 12 15:38:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

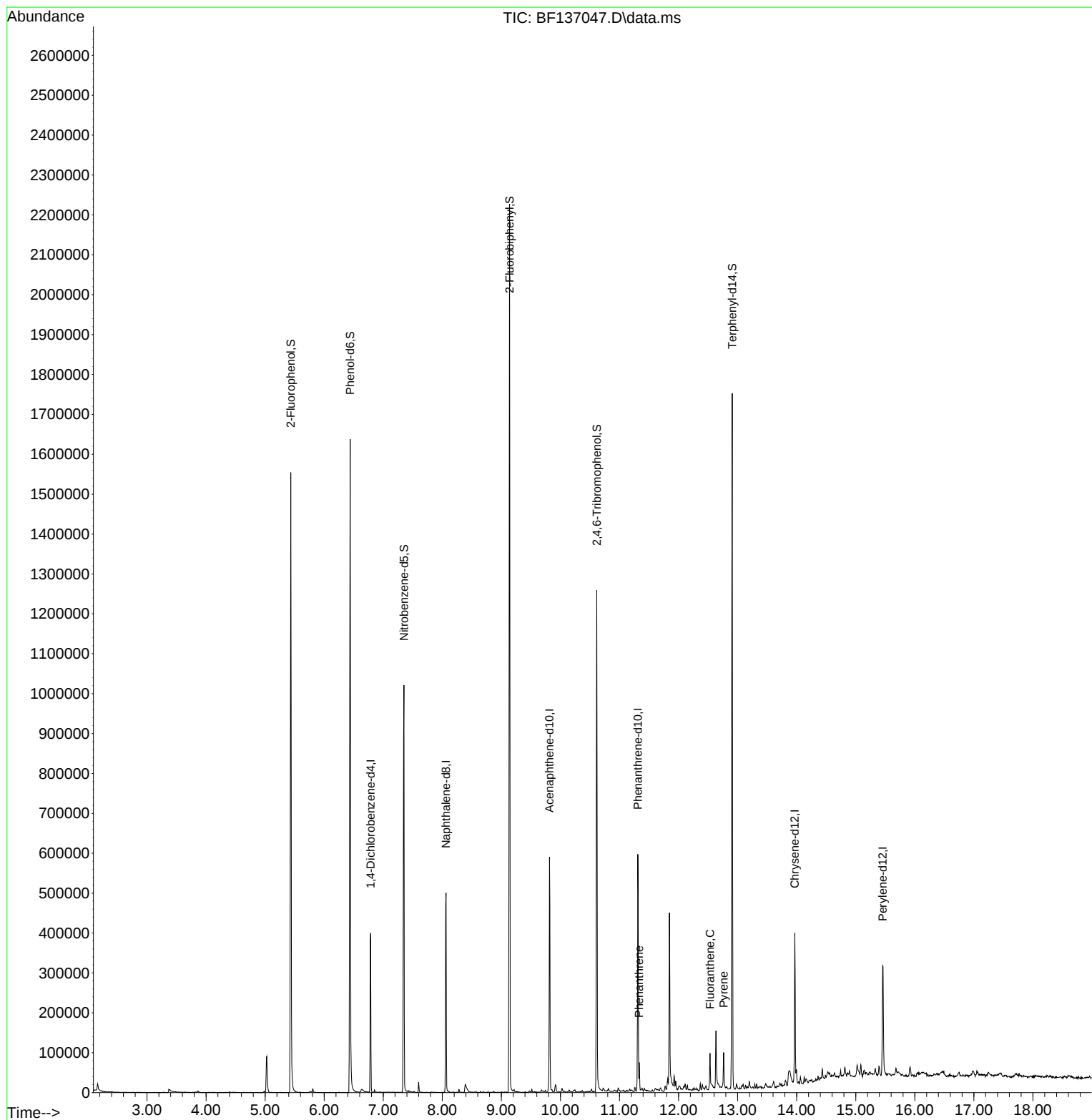
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	61487	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	233957	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	114418	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	215230	20.000	ng	0.00
76) Chrysene-d12	13.968	240	114352	20.000	ng	0.00
86) Perylene-d12	15.457	264	135717	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	420919	106.812	ng	0.00
7) Phenol-d6	6.439	99	567620	111.161	ng	0.00
23) Nitrobenzene-d5	7.351	82	334259	73.109	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	162768	120.790	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	681081	80.061	ng	-0.01
79) Terphenyl-d14	12.910	244	603306	73.729	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.333	178	23137	2.095	ng	96
75) Fluoranthene	12.533	202	29796	2.522	ng	99
78) Pyrene	12.763	202	34820	3.102	ng	99

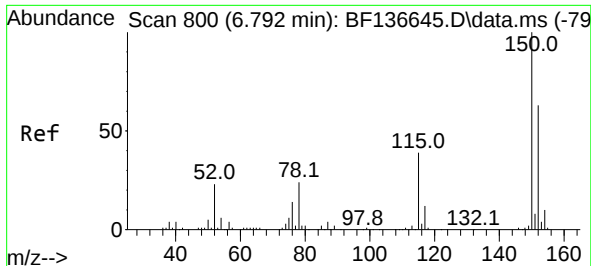
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
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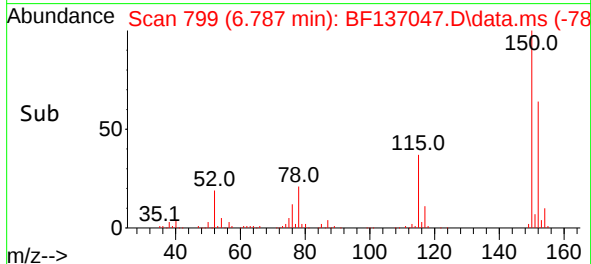
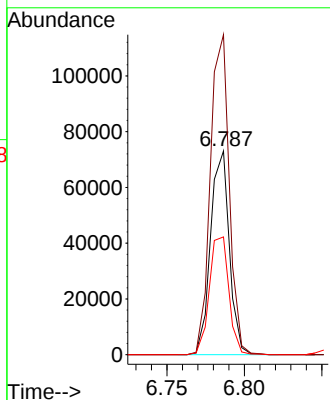
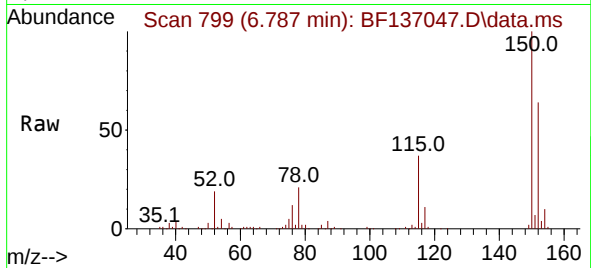




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

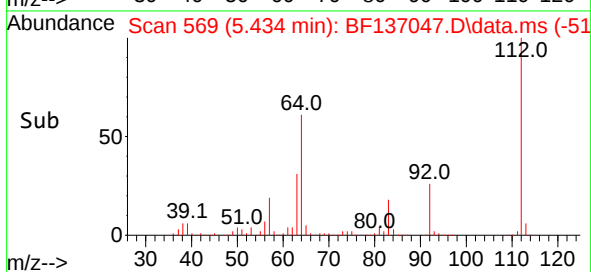
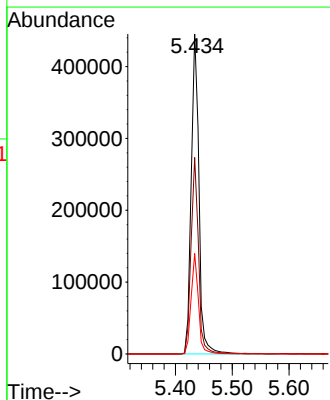
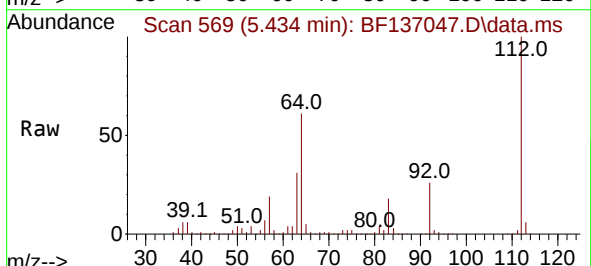
Instrument :
BNA_F
ClientSampleId :
MEDIAN-WEST-SIDE-HOWARD-BLVD

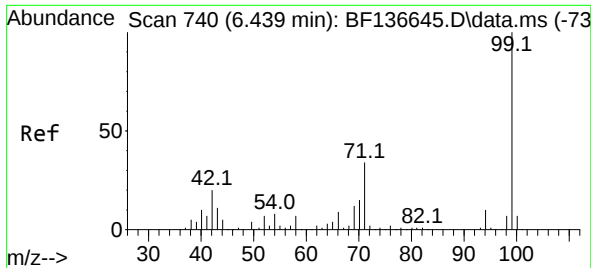
Tgt Ion:152 Resp: 61487
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.6
115 57.8 49.0 73.4



#5
2-Fluorophenol
Concen: 106.812 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Tgt Ion:112 Resp: 420919
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 31.4 26.1 39.1

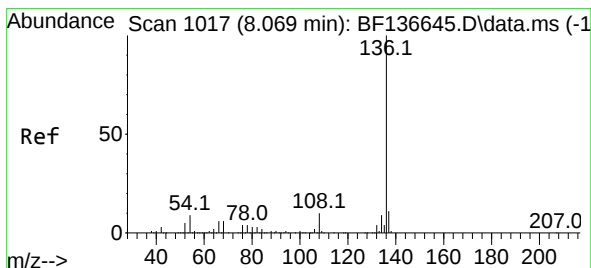
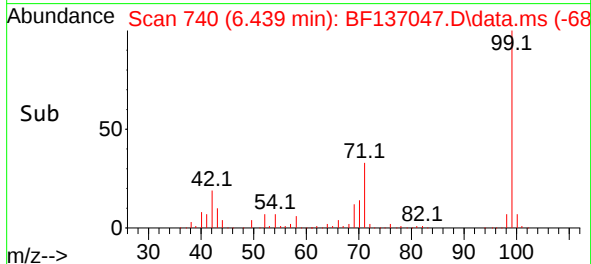
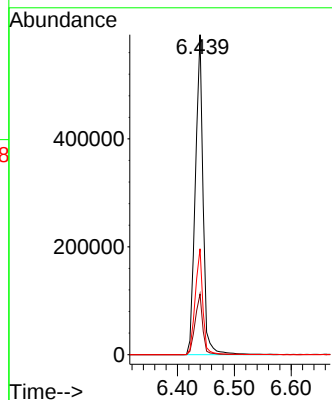
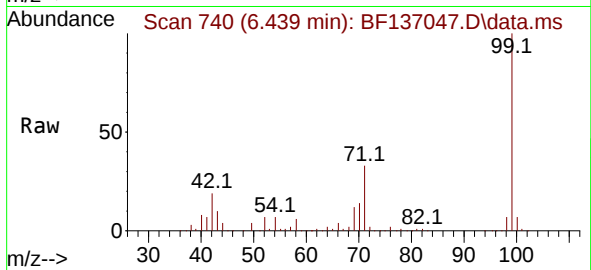




#7
Phenol-d6
Concen: 111.161 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

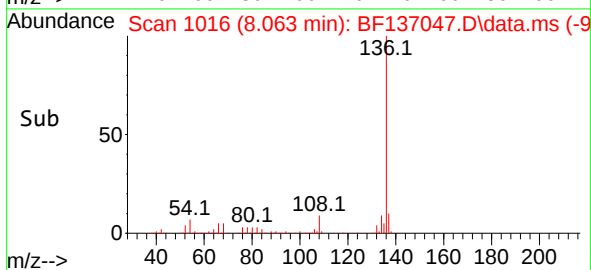
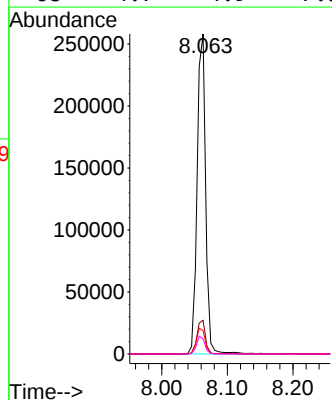
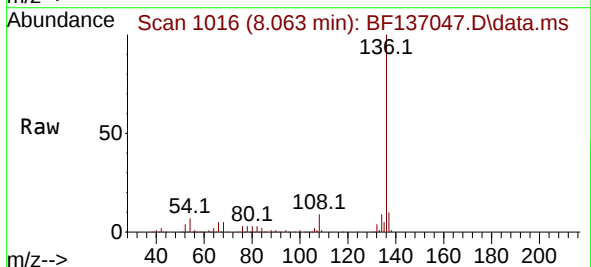
Instrument :
BNA_F
ClientSampleId :
MEDIAN-WEST-SIDE-HOWARD-BLVD

Tgt Ion: 99 Resp: 567620
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 33.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Tgt Ion: 136 Resp: 233957
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 7.3 7.2 10.8
68 4.7 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 73.109 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

Instrument :

BNA_F

ClientSampleId :

MEDIAN-WEST-SIDE-HOWARD-BLVD

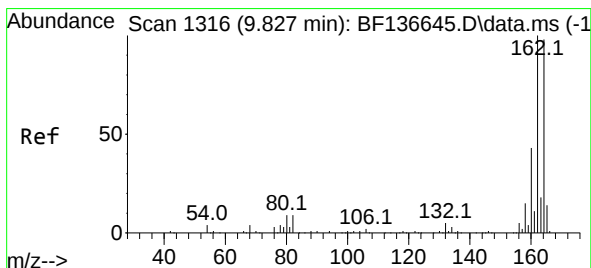
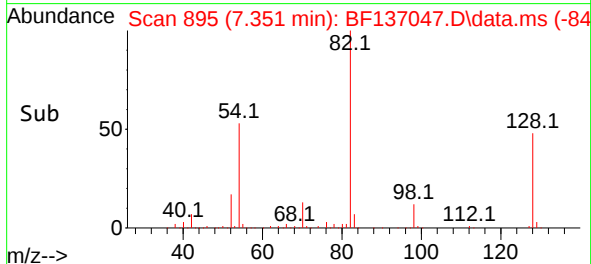
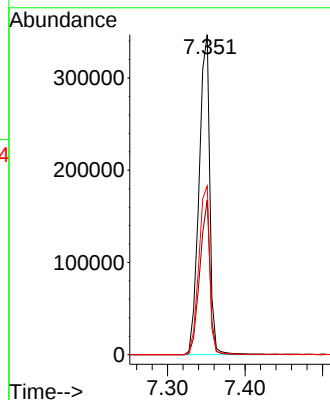
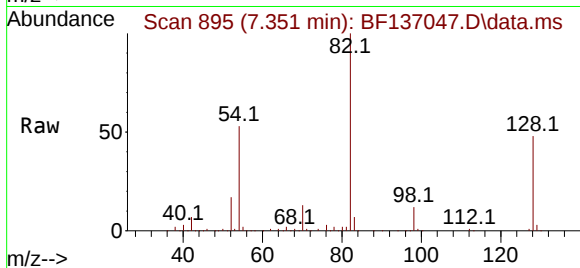
Tgt Ion: 82 Resp: 334259

Ion Ratio Lower Upper

82 100

128 48.4 35.3 52.9

54 52.8 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

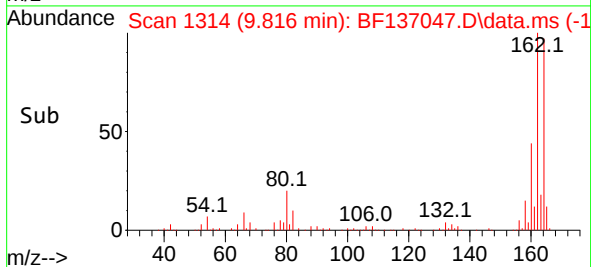
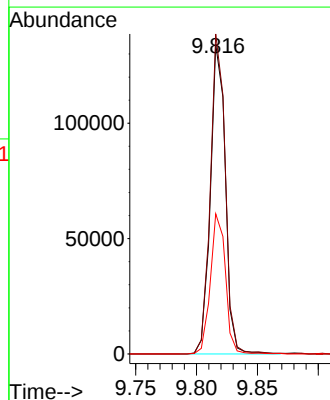
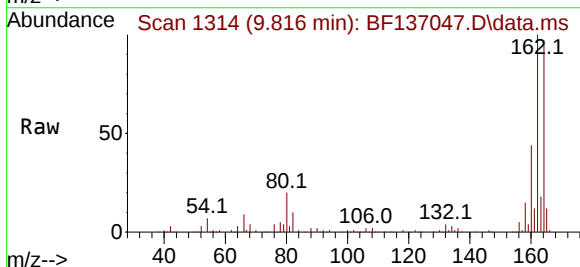
Tgt Ion:164 Resp: 114418

Ion Ratio Lower Upper

164 100

162 103.3 81.6 122.4

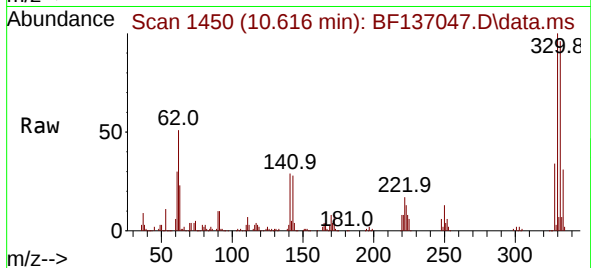
160 45.3 34.9 52.3



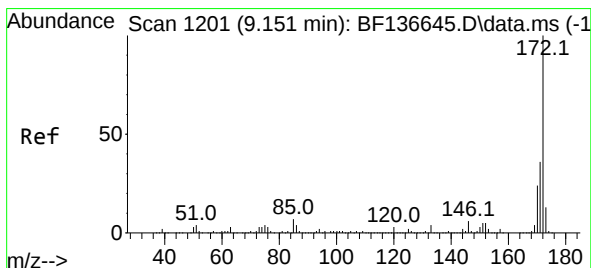
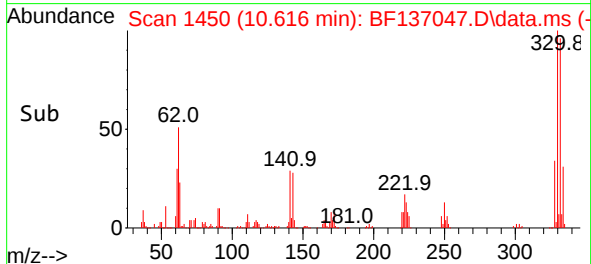
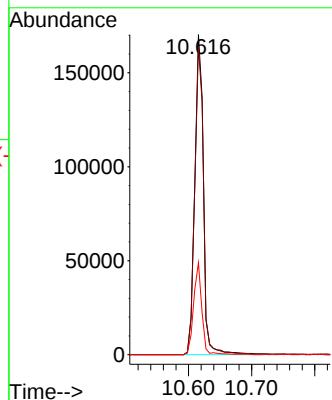


#42
2,4,6-Tribromophenol
Concen: 120.790 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Instrument :
BNA_F
ClientSampleId :
MEDIAN-WEST-SIDE-HOWARD-BLVD

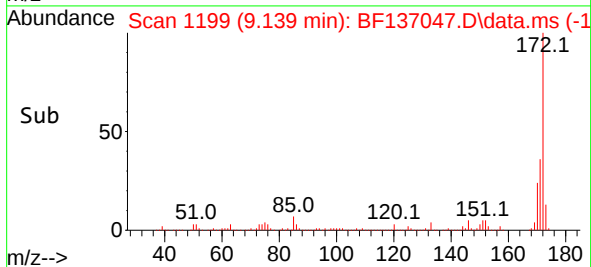
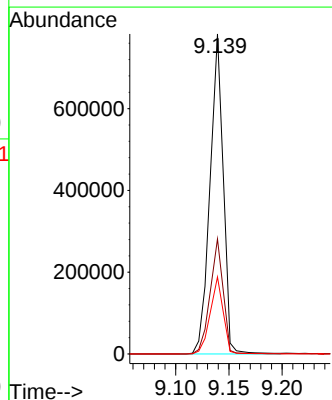
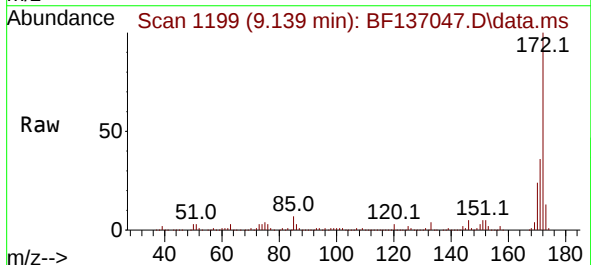


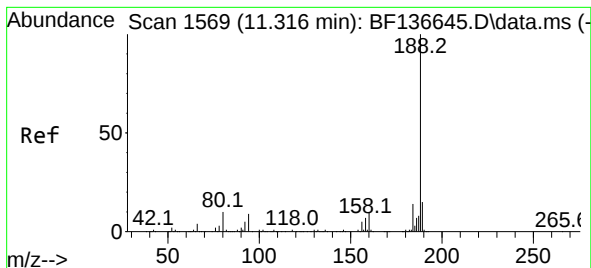
Tgt Ion: 330 Resp: 162768
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 27.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 80.061 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Tgt Ion: 172 Resp: 681081
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

Instrument :

BNA_F

ClientSampleId :

MEDIAN-WEST-SIDE-HOWARD-BLVD

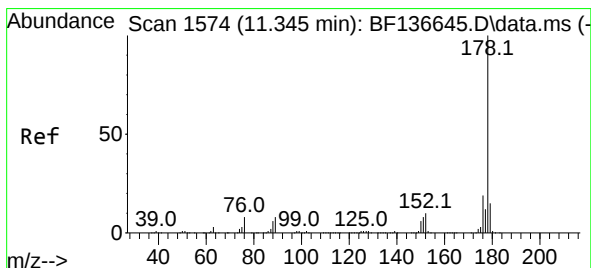
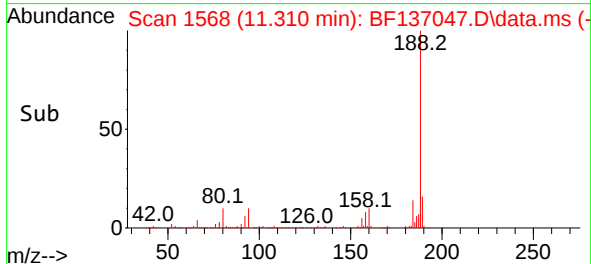
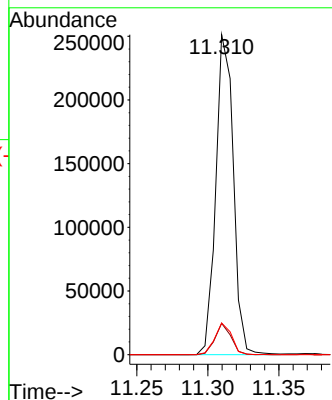
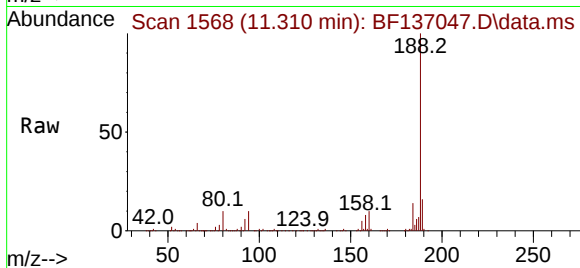
Tgt Ion:188 Resp: 215230

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 9.9 8.1 12.1



#71

Phenanthrene

Concen: 2.095 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

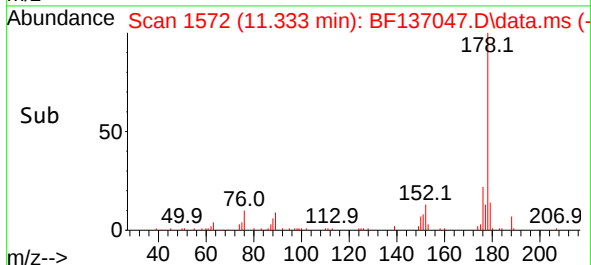
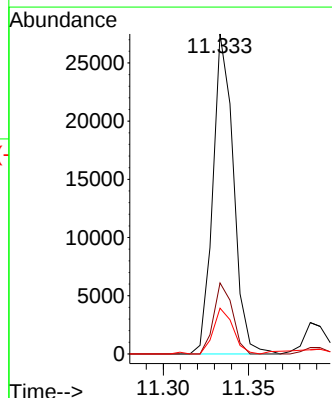
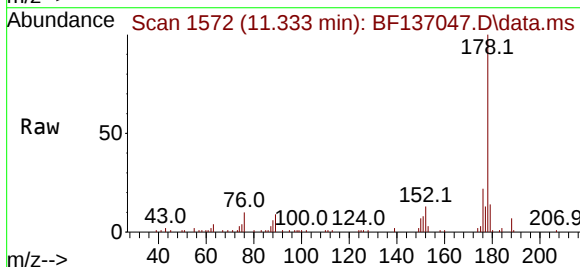
Tgt Ion:178 Resp: 23137

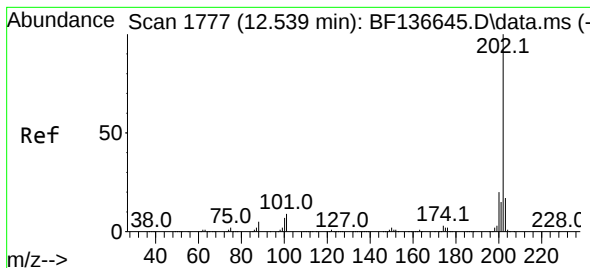
Ion Ratio Lower Upper

178 100

176 22.2 15.3 22.9

179 14.3 11.9 17.9





#75

Fluoranthene

Concen: 2.522 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

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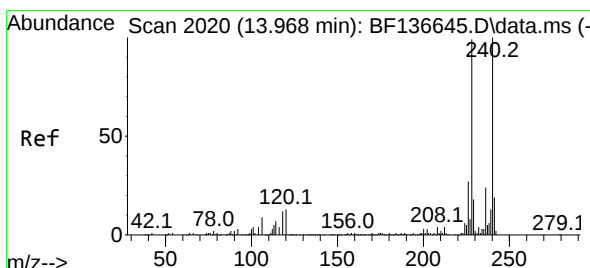
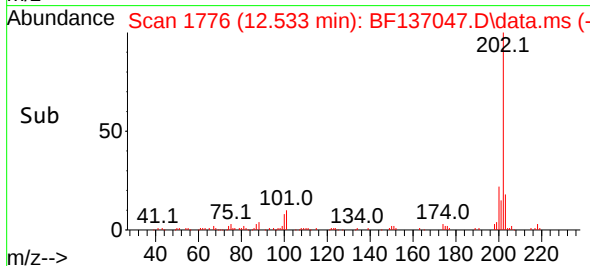
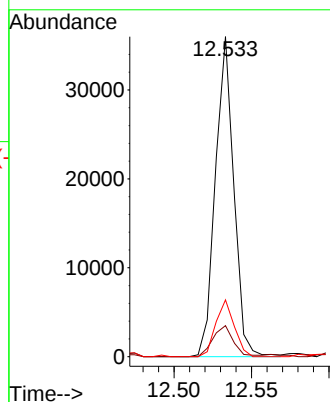
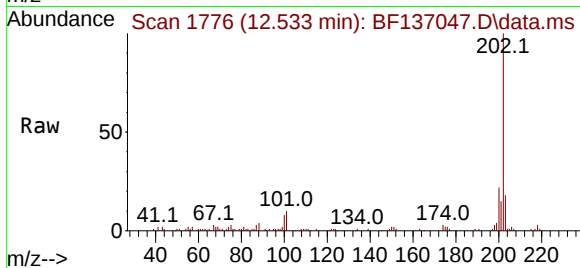
Tgt Ion:202 Resp: 29796

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.3

203 17.8 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

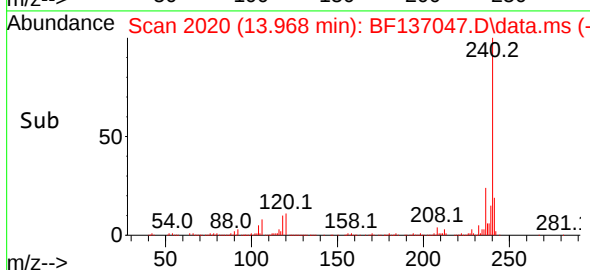
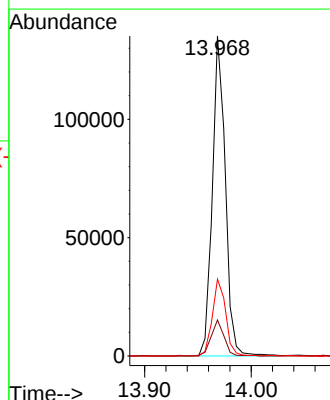
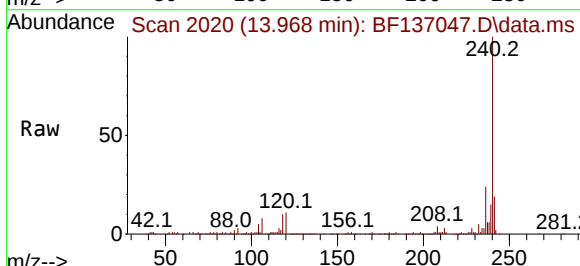
Tgt Ion:240 Resp: 114352

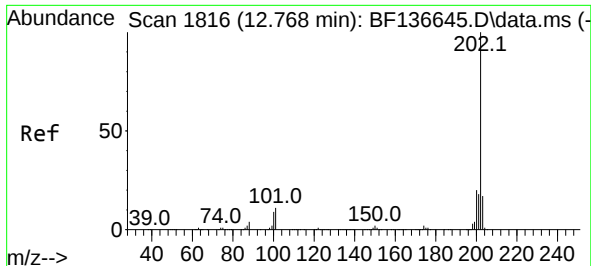
Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

236 24.0 19.4 29.2

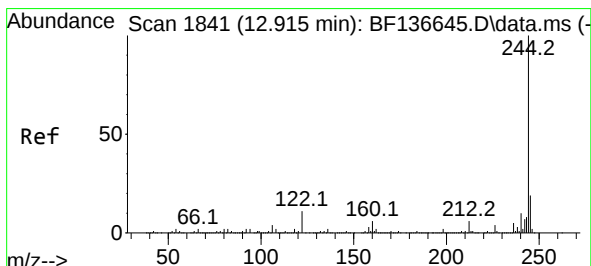
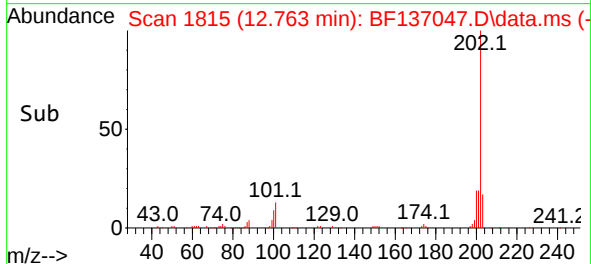
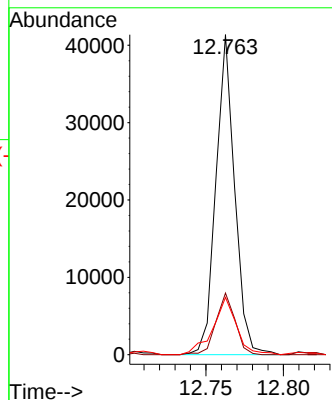
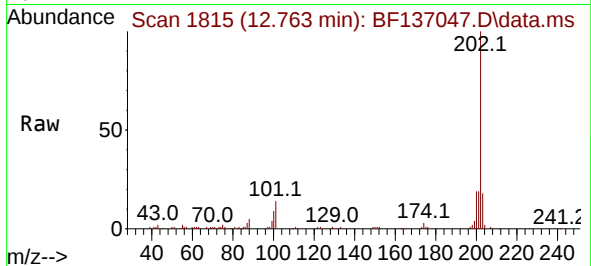




#78
Pyrene
Concen: 3.102 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

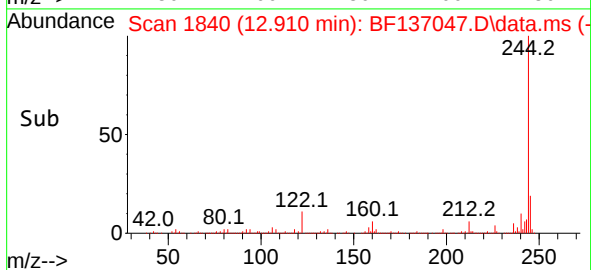
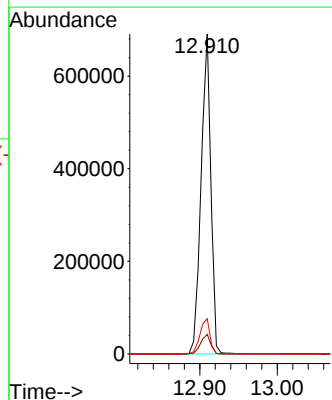
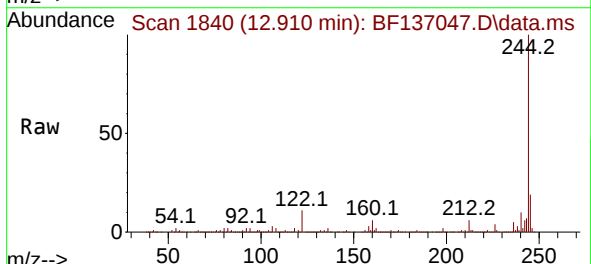
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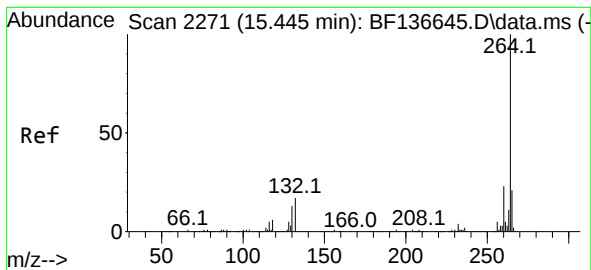
Tgt Ion:202 Resp: 34820
Ion Ratio Lower Upper
202 100
200 19.3 15.9 23.9
203 17.9 13.8 20.6



#79
Terphenyl-d14
Concen: 73.729 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Tgt Ion:244 Resp: 603306
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 11.0 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137047.D

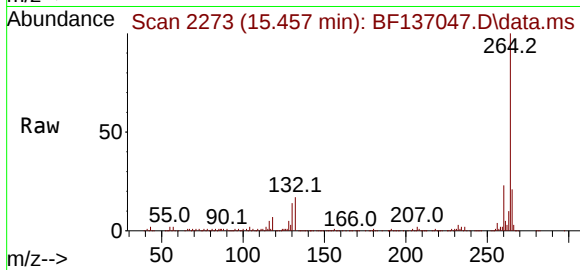
Acq: 12 Jan 2024 14:33

Instrument :

BNA_F

ClientSampleId :

MEDIAN-WEST-SIDE-HOWARD-BLVD



Tgt Ion:264 Resp: 135717

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 21.4 17.0 25.6

