

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137580.D
 Acq On : 13 Mar 2024 16:54
 Operator : CG\JU
 Sample : P1733-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Mar 13 17:18:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

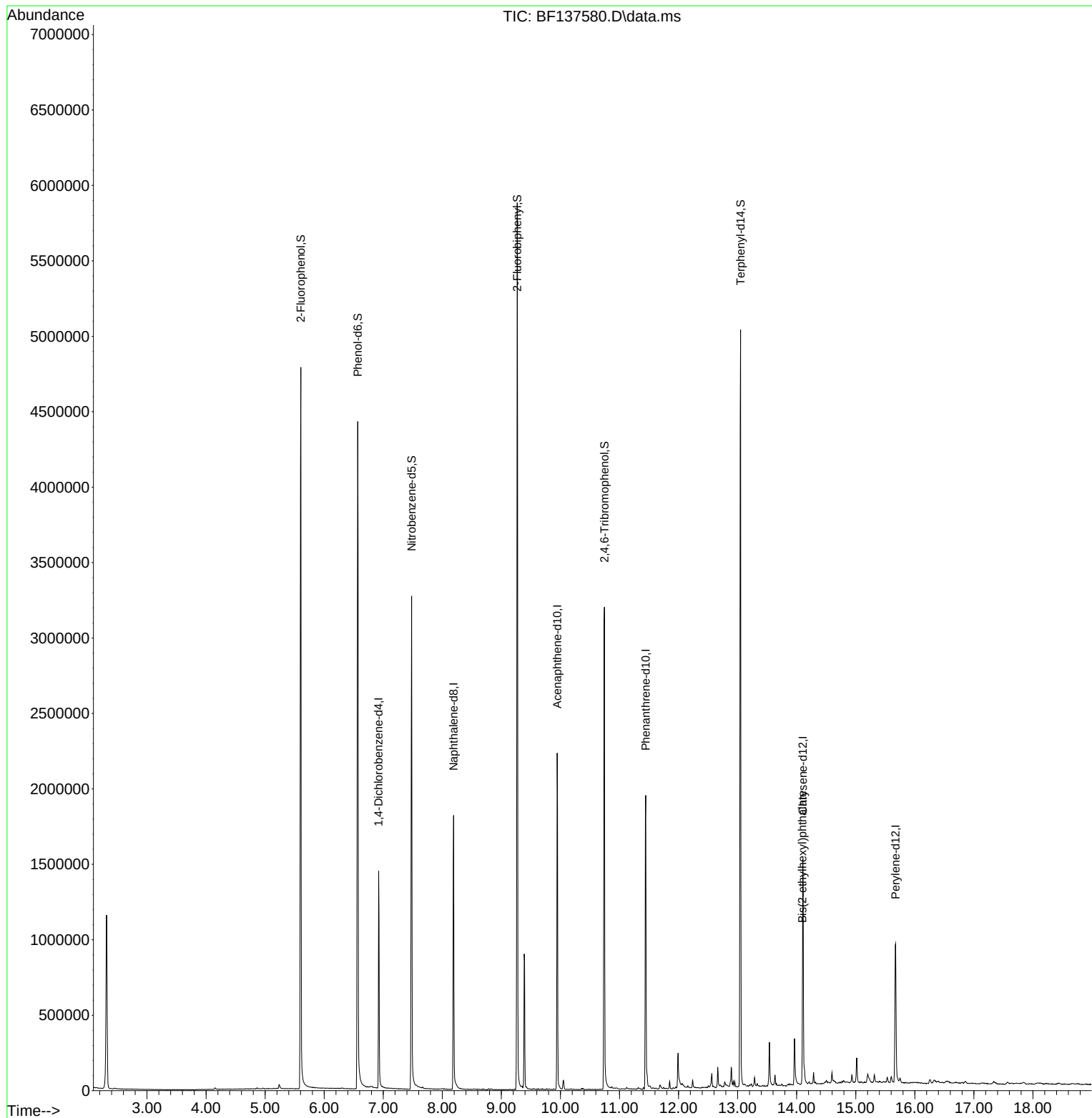
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	211108	20.000	ng	0.02
21) Naphthalene-d8	8.192	136	841061	20.000	ng	0.02
39) Acenaphthene-d10	9.945	164	466684	20.000	ng	0.01
64) Phenanthrene-d10	11.445	188	751155	20.000	ng	0.01
76) Chrysene-d12	14.104	240	473239	20.000	ng	0.00
86) Perylene-d12	15.674	264	483794	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1372395	98.459	ng	0.04
7) Phenol-d6	6.569	99	1898059	94.336	ng	0.01
23) Nitrobenzene-d5	7.481	82	1178739	65.119	ng	0.01
42) 2,4,6-Tribromophenol	10.745	330	431101	105.190	ng	0.01
45) 2-Fluorobiphenyl	9.269	172	1884215	63.201	ng	0.01
79) Terphenyl-d14	13.051	244	1900099	55.212	ng	0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.098	149	61115	4.055	ng	Qvalue 97

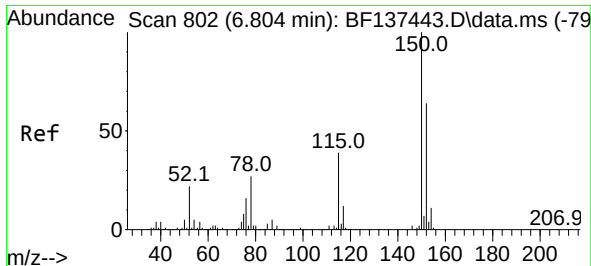
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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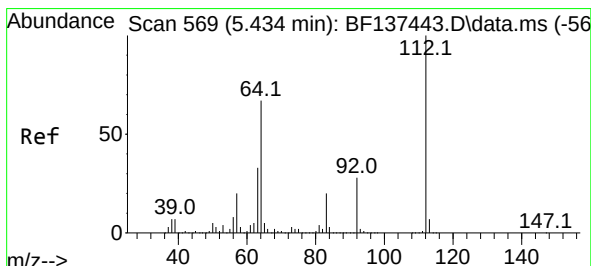
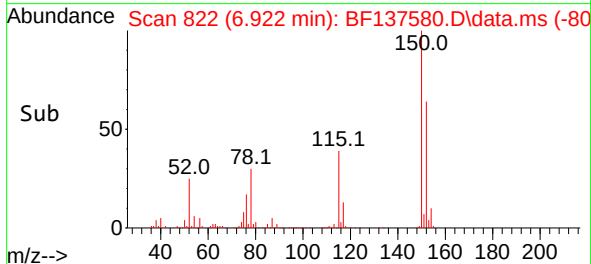
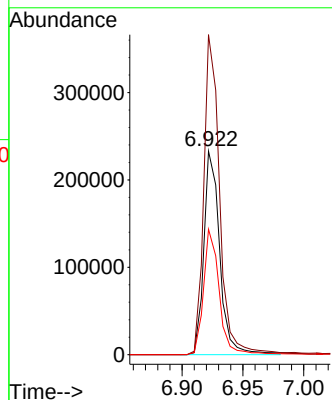
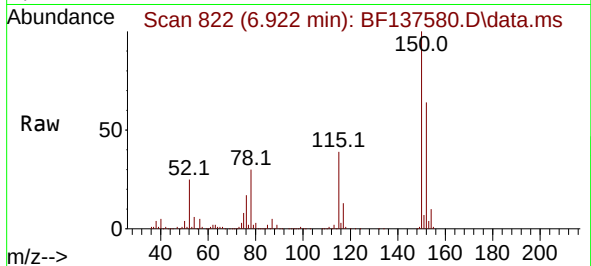




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 811
Delta R.T. 0.018 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

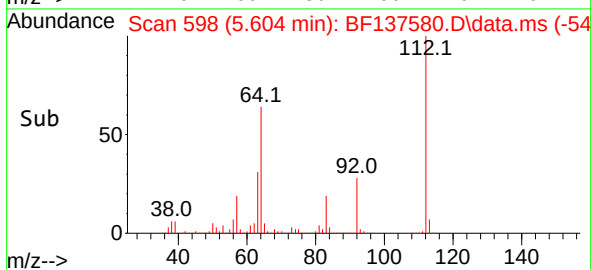
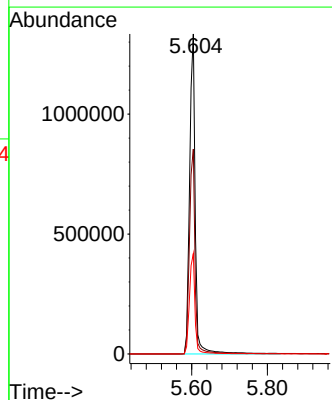
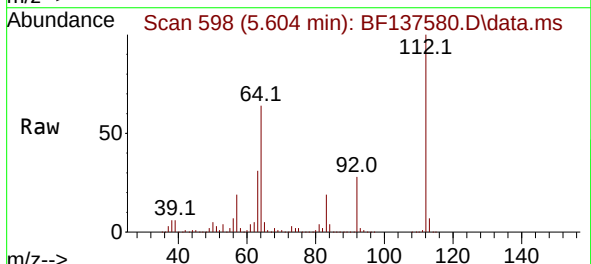
Instrument :
BNA_F
ClientSampleId :
WC-2

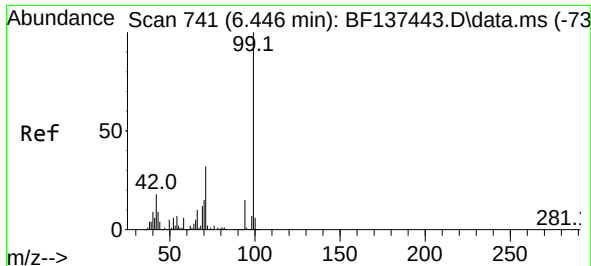
Tgt Ion:152 Resp: 211108
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 61.6 48.8 73.2



#5
2-Fluorophenol
Concen: 98.459 ng
RT: 5.604 min Scan# 598
Delta R.T. 0.035 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

Tgt Ion:112 Resp: 1372395
Ion Ratio Lower Upper
112 100
64 64.0 53.4 80.2
63 31.3 26.2 39.2

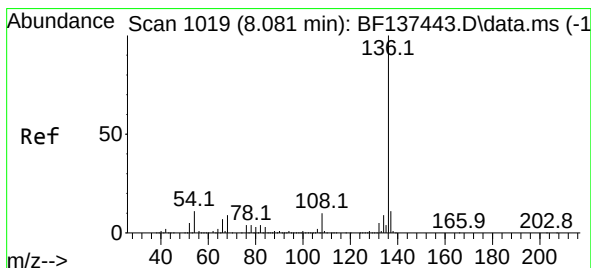
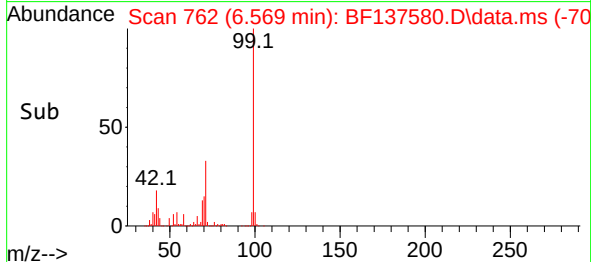
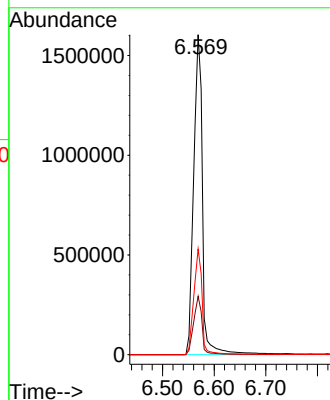
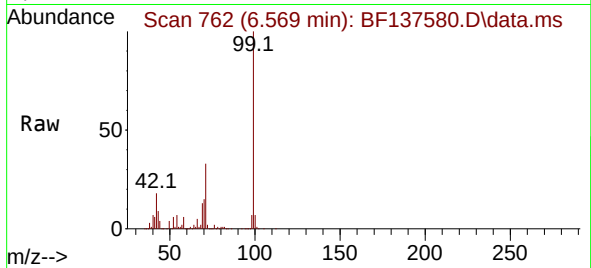




#7
Phenol-d6
Concen: 94.336 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

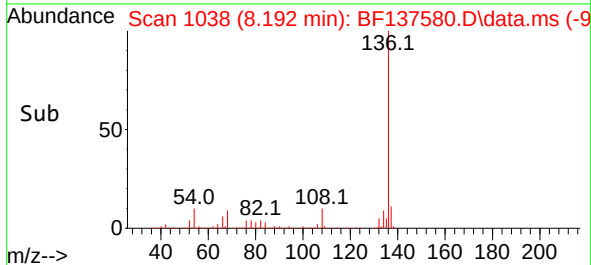
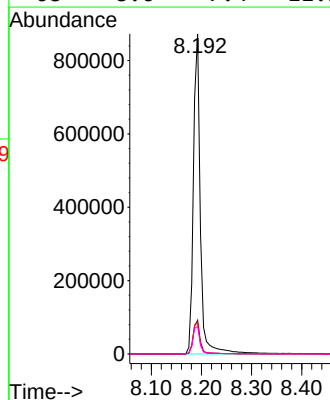
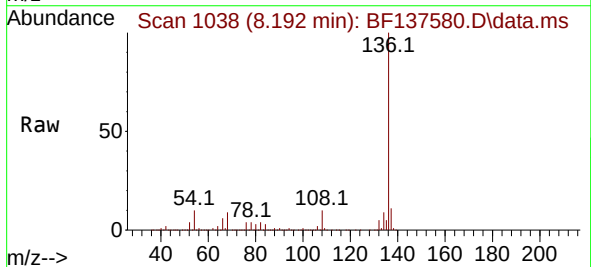
Instrument :
BNA_F
ClientSampleId :
WC-2

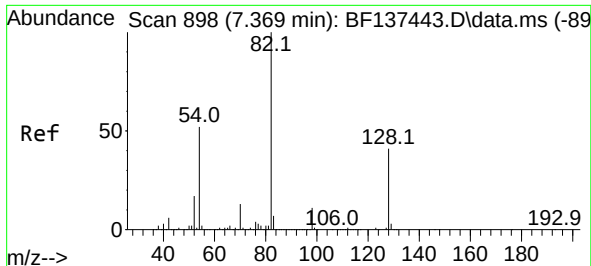
Tgt Ion: 99 Resp: 1898059
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 33.1 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.018 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

Tgt Ion: 136 Resp: 841061
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 9.7 8.5 12.7
68 8.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 65.119 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

Instrument :

BNA_F

ClientSampleId :

WC-2

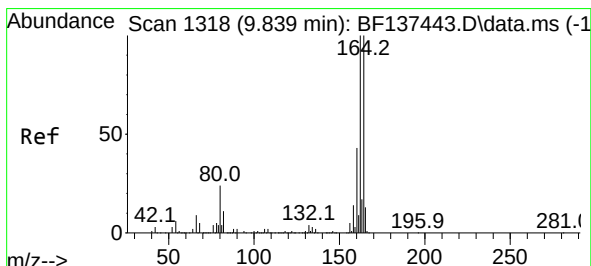
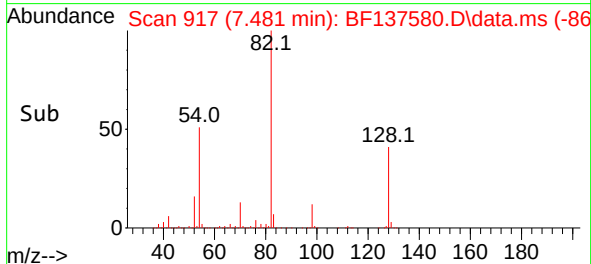
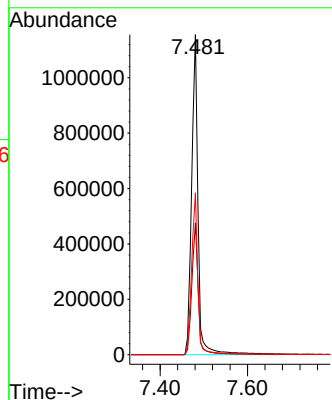
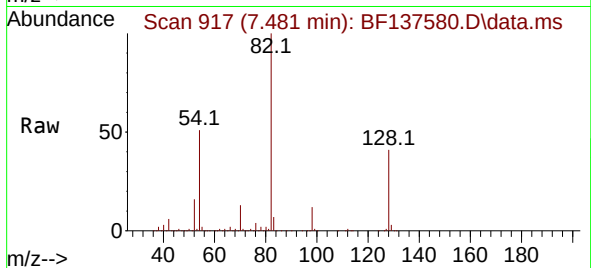
Tgt Ion: 82 Resp: 1178739

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 50.6 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

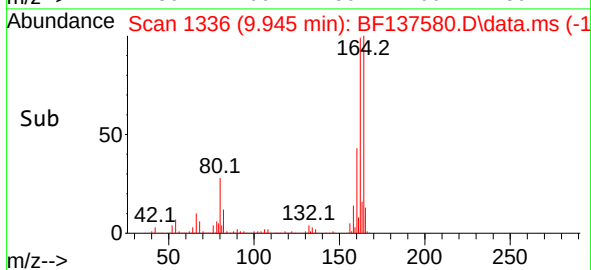
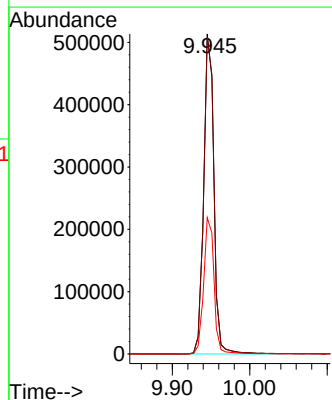
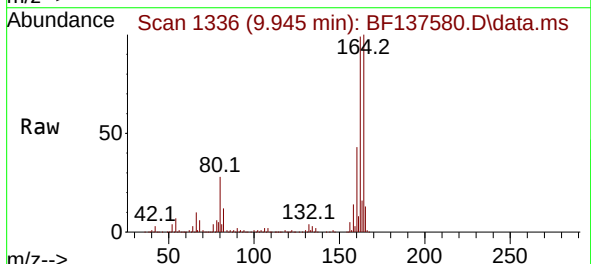
Tgt Ion:164 Resp: 466684

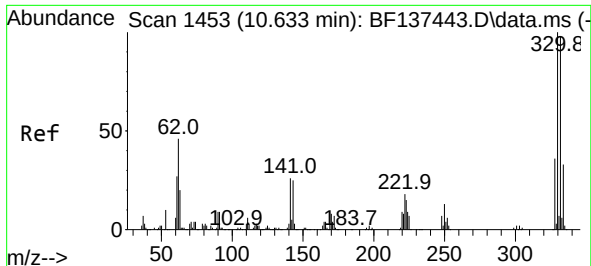
Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.8

160 42.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 105.190 ng

RT: 10.745 min Scan# 1453

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

Instrument :

BNA_F

ClientSampleId :

WC-2

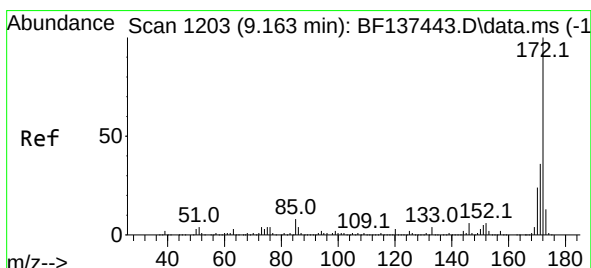
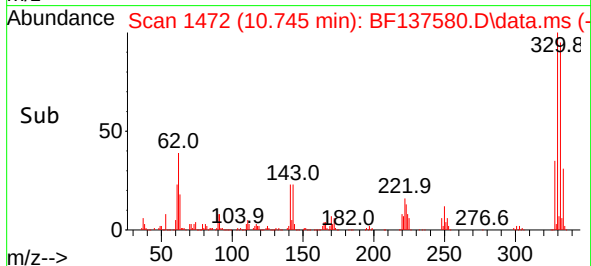
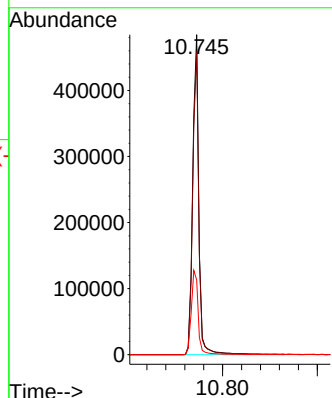
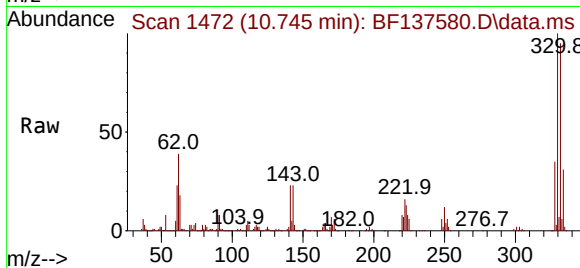
Tgt Ion:330 Resp: 431101

Ion Ratio Lower Upper

330 100

332 94.4 78.0 117.0

141 29.9 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 63.201 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

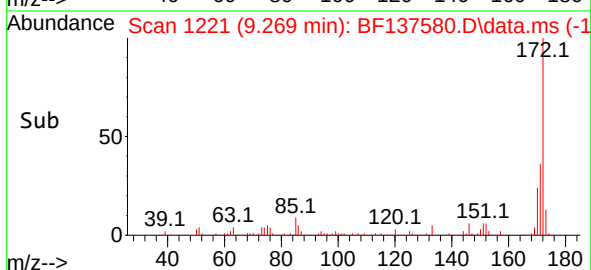
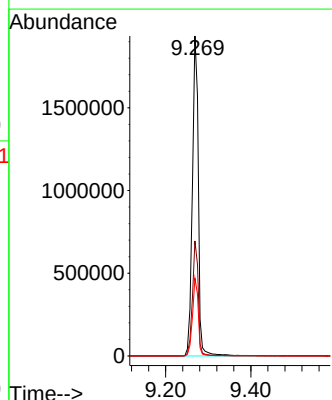
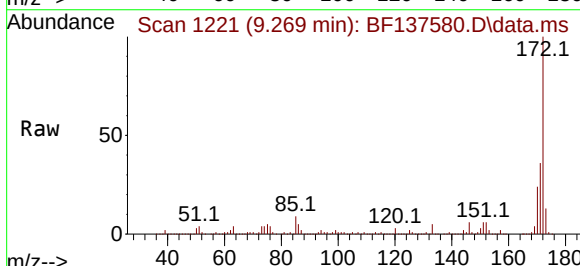
Tgt Ion:172 Resp: 1884215

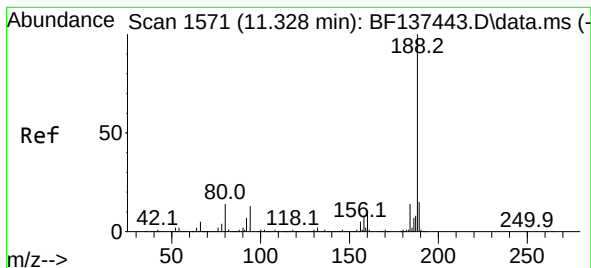
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

Instrument :

BNA_F

ClientSampleId :

WC-2

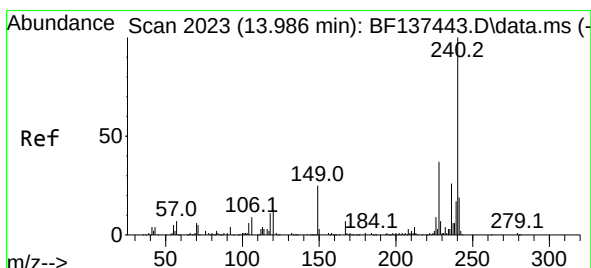
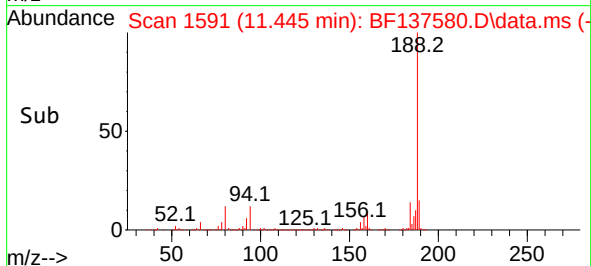
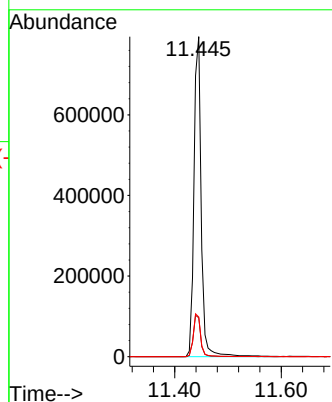
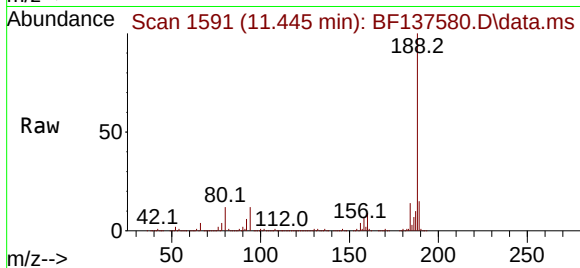
Tgt Ion:188 Resp: 751155

Ion Ratio Lower Upper

188 100

94 12.1 10.6 15.8

80 12.4 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2043

Delta R.T. 0.006 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

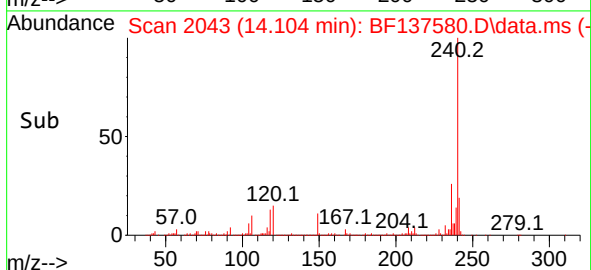
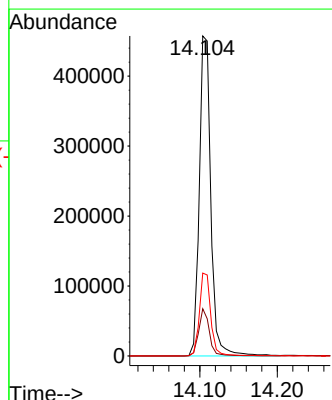
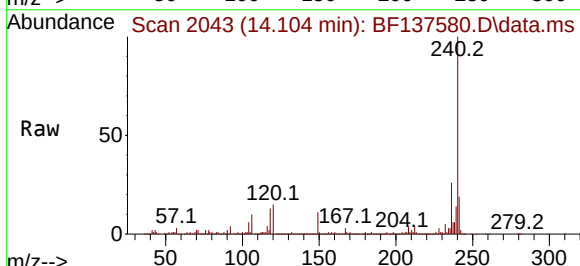
Tgt Ion:240 Resp: 473239

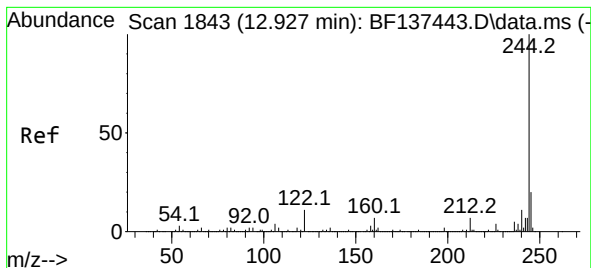
Ion Ratio Lower Upper

240 100

120 14.7 10.4 15.6

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 55.212 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

Instrument :

BNA_F

ClientSampleId :

WC-2

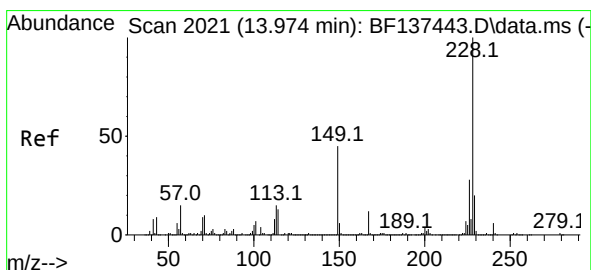
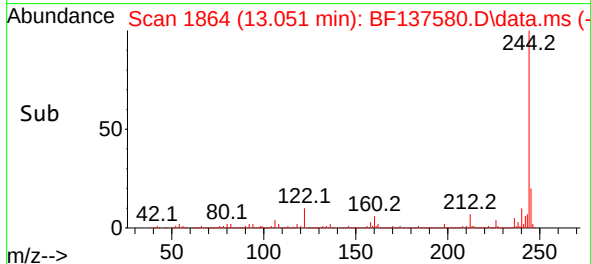
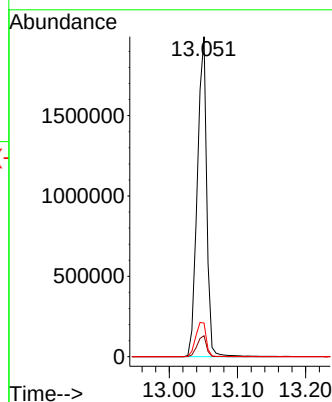
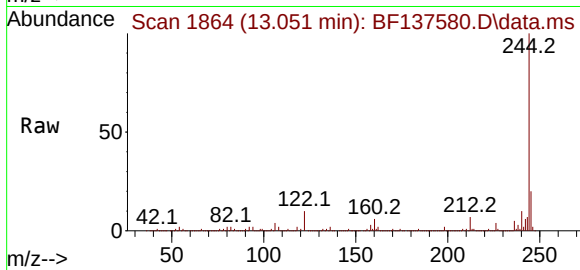
Tgt Ion:244 Resp: 1900099

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.5 9.1 13.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.055 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

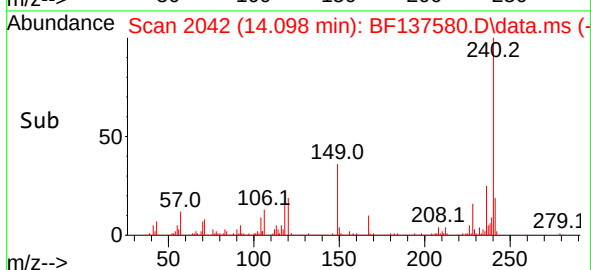
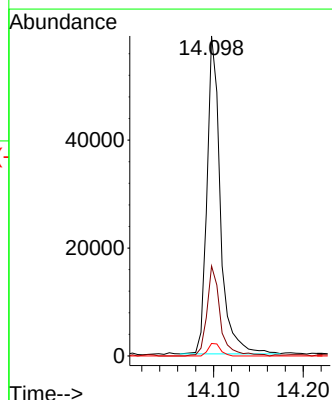
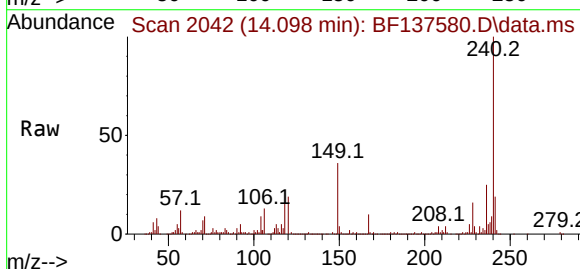
Tgt Ion:149 Resp: 61115

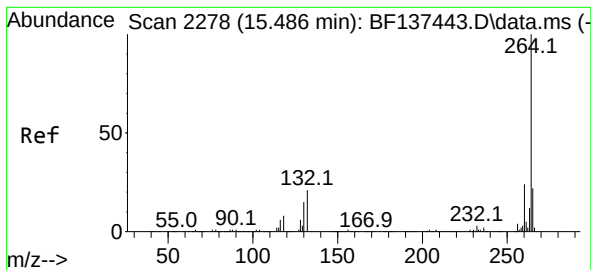
Ion Ratio Lower Upper

149 100

167 28.1 21.3 31.9

279 3.9 2.6 4.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF137580.D

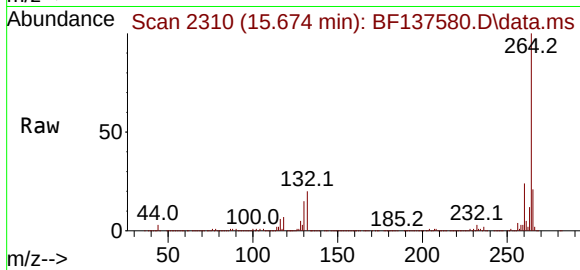
Acq: 13 Mar 2024 16:54

Instrument :

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WC-2



Tgt Ion:264 Resp: 483794

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.2 17.4 26.0

