

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137597.D
 Acq On : 14 Mar 2024 18:31
 Operator : CG\JU
 Sample : P1746-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-4.0-6.0

Quant Time: Mar 14 19:20:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	142956	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	567873	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	309716	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	538363	20.000	ng	0.00
76) Chrysene-d12	13.874	240	352138	20.000	ng	0.00
86) Perylene-d12	15.292	264	309037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	974978	103.293	ng	0.00
7) Phenol-d6	6.363	99	1321323	96.979	ng	0.00
23) Nitrobenzene-d5	7.286	82	783951	64.144	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	267623	98.396	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1290238	65.211	ng	0.00
79) Terphenyl-d14	12.827	244	1414500	55.237	ng	0.00

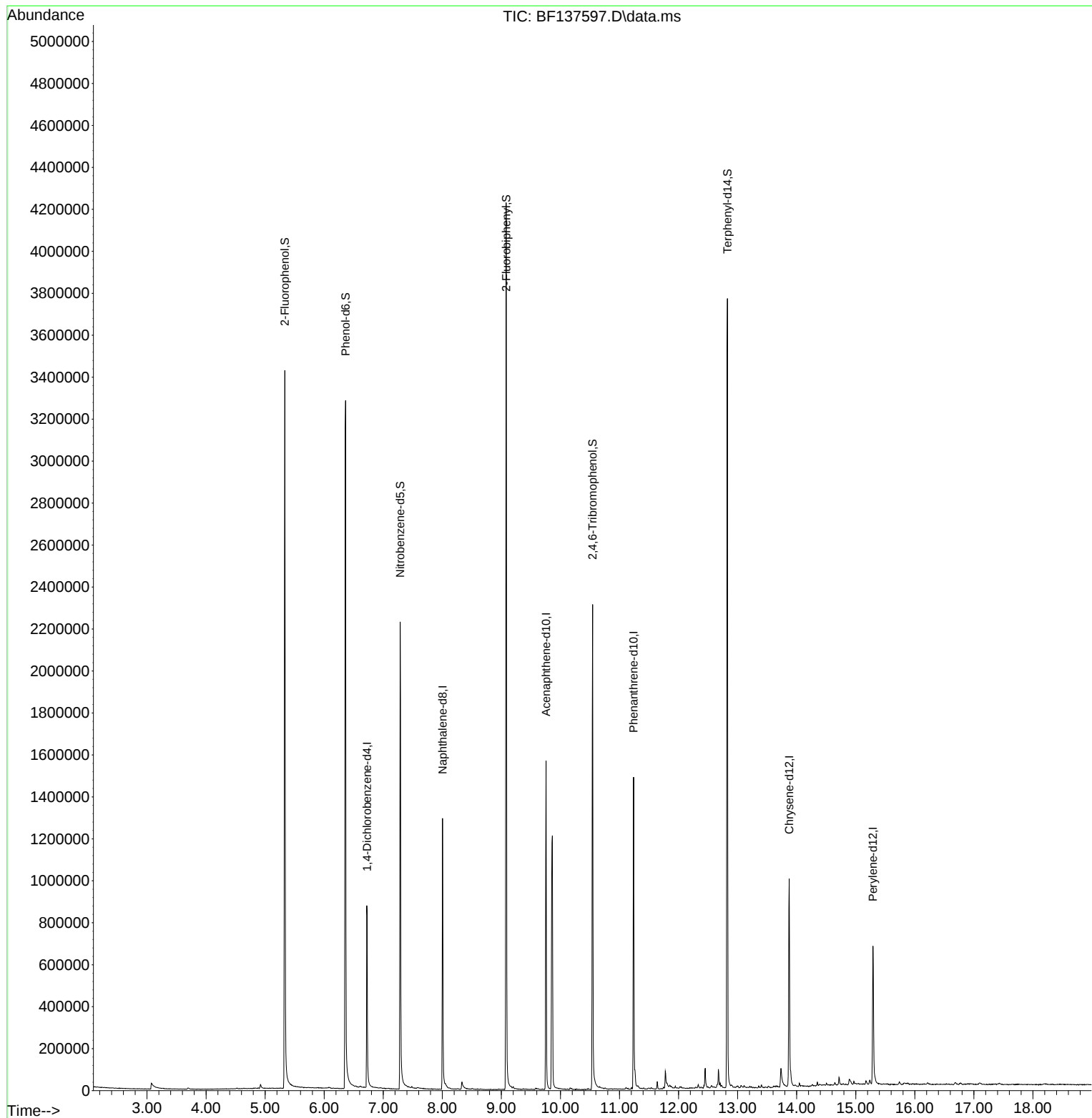
Target Compounds	Qvalue

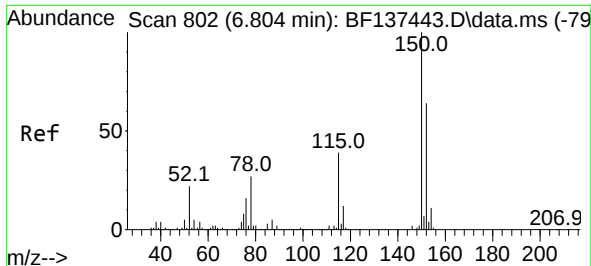
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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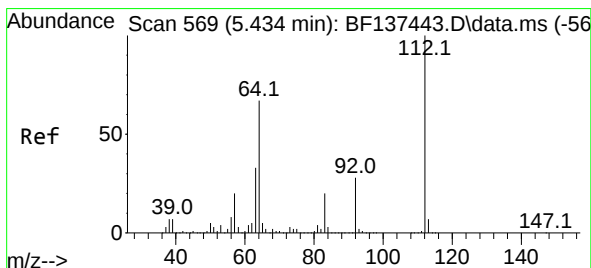
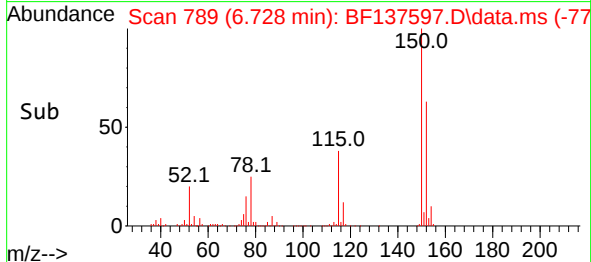
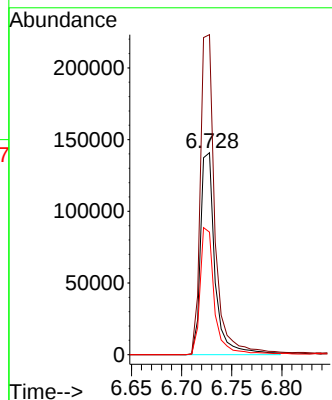
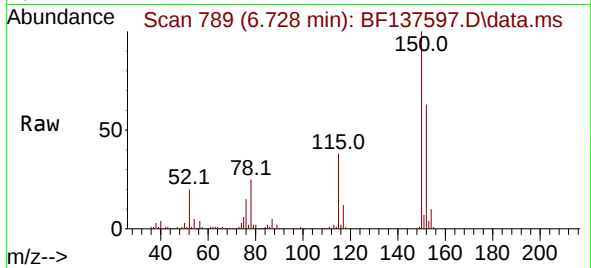




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

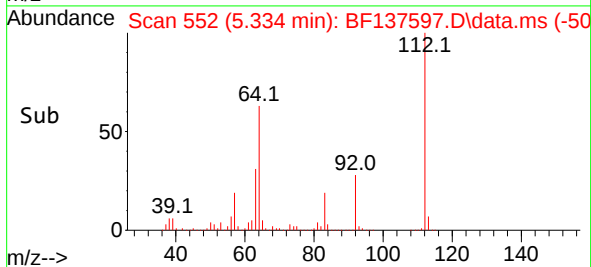
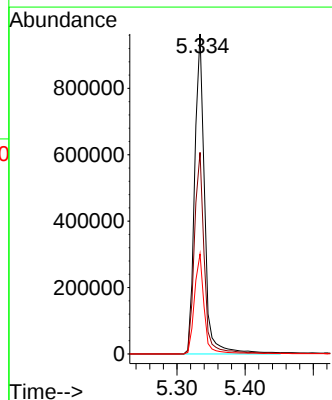
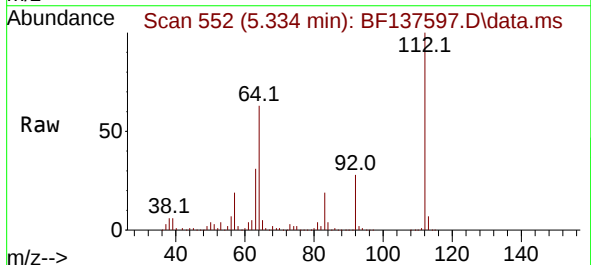
Instrument :
BNA_F
ClientSampleId :
SB-04-4.0-6.0

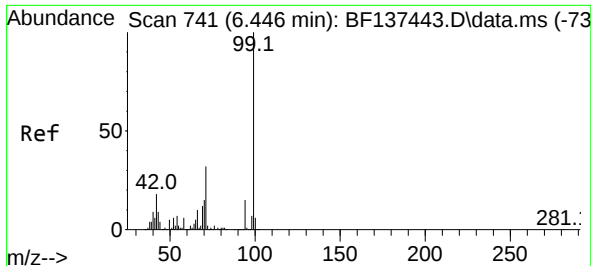
Tgt Ion:152 Resp: 142956
Ion Ratio Lower Upper
152 100
150 158.5 125.8 188.6
115 60.7 48.8 73.2



#5
2-Fluorophenol
Concen: 103.293 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

Tgt Ion:112 Resp: 974978
Ion Ratio Lower Upper
112 100
64 63.0 53.4 80.2
63 31.2 26.2 39.2

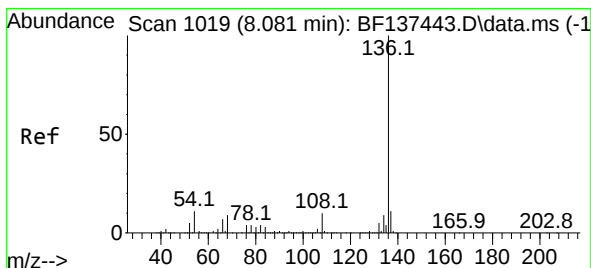
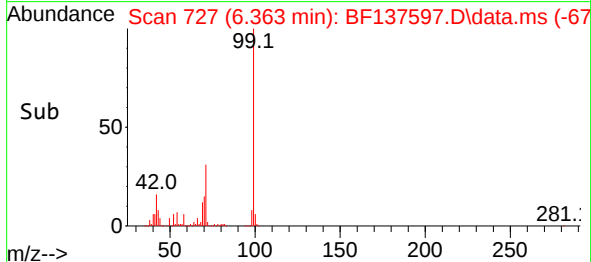
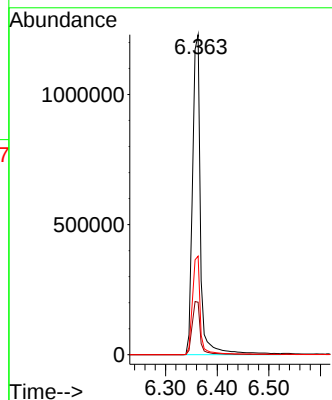
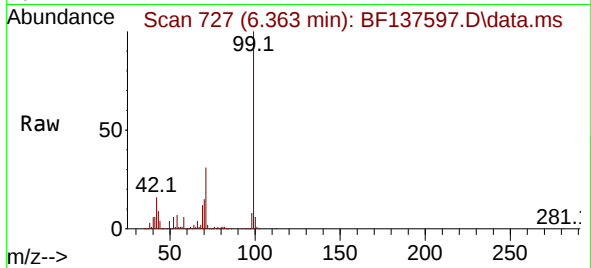




#7
Phenol-d6
Concen: 96.979 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

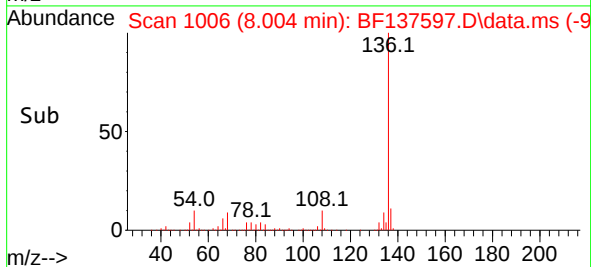
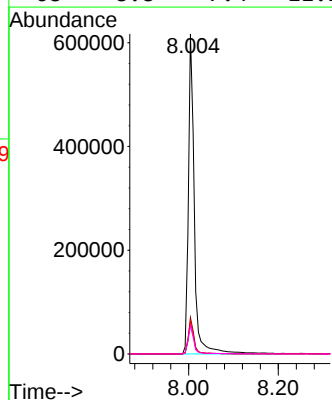
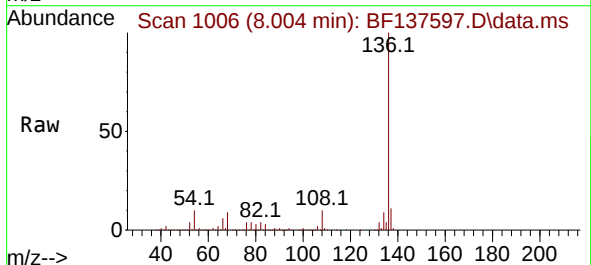
Instrument :
BNA_F
ClientSampleId :
SB-04-4.0-6.0

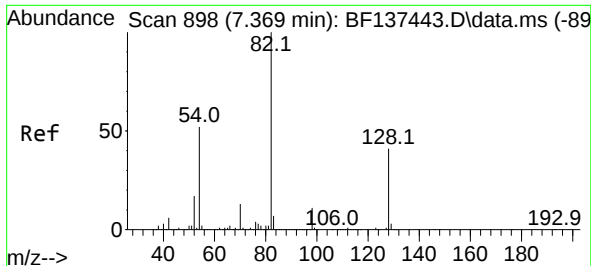
Tgt Ion: 99 Resp: 1321323
Ion Ratio Lower Upper
99 100
42 16.4 14.6 21.8
71 30.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

Tgt Ion: 136 Resp: 567873
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 10.2 8.5 12.7
68 8.8 7.4 11.2





#23

Nitrobenzene-d5

Concen: 64.144 ng

RT: 7.286 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF137597.D

Acq: 14 Mar 2024 18:31

Instrument :

BNA_F

ClientSampleId :

SB-04-4.0-6.0

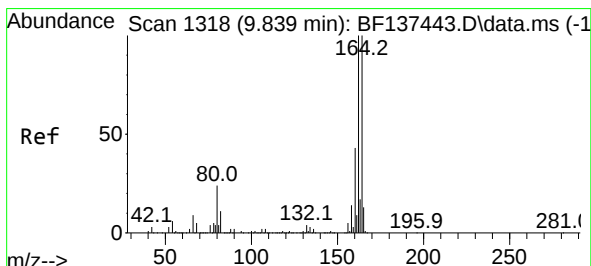
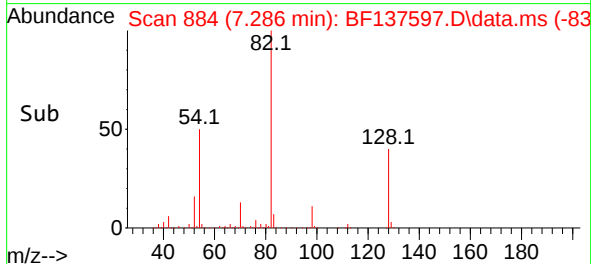
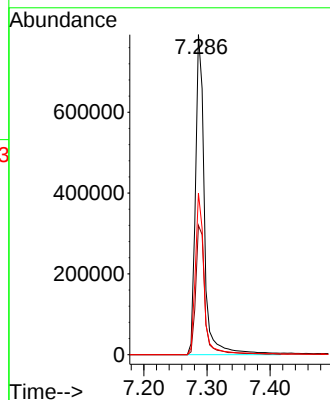
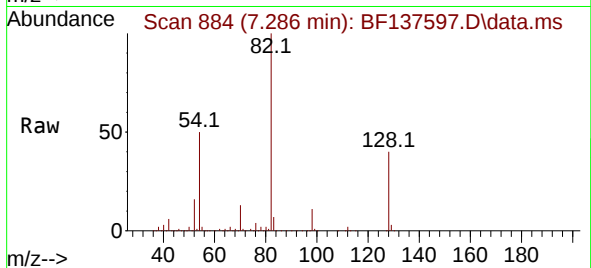
Tgt Ion: 82 Resp: 783951

Ion Ratio Lower Upper

82 100

128 40.4 32.5 48.7

54 50.5 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF137597.D

Acq: 14 Mar 2024 18:31

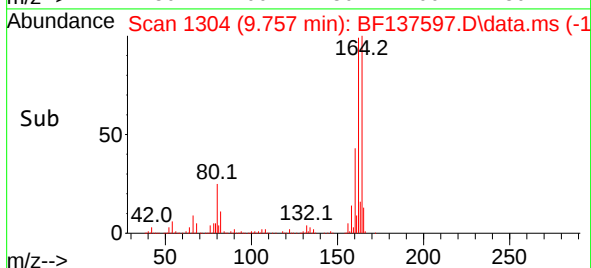
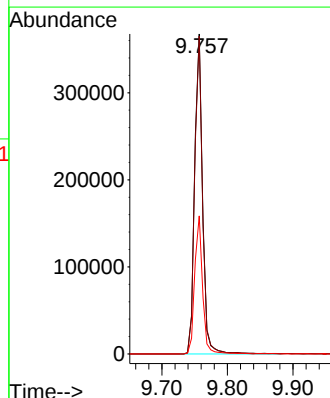
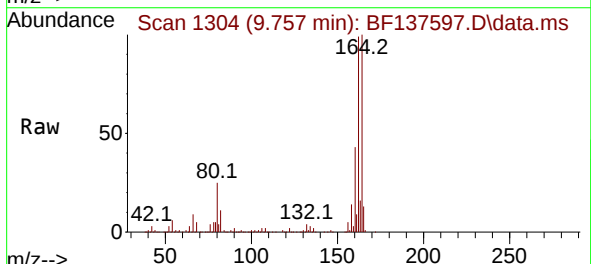
Tgt Ion: 164 Resp: 309716

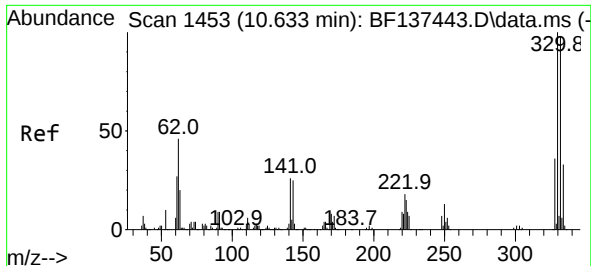
Ion Ratio Lower Upper

164 100

162 99.4 79.8 119.8

160 43.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 98.396 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137597.D

Acq: 14 Mar 2024 18:31

Instrument :

BNA_F

ClientSampleId :

SB-04-4.0-6.0

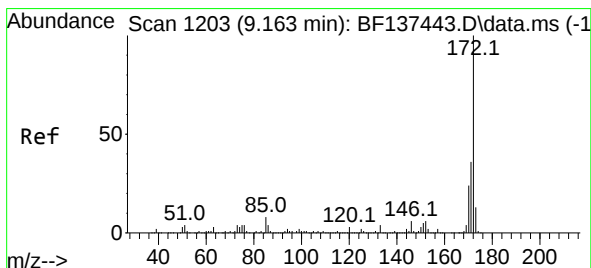
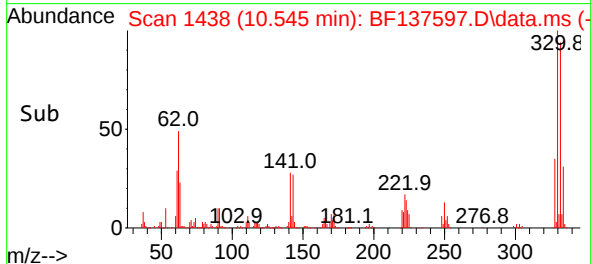
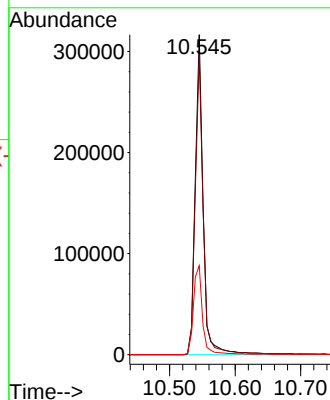
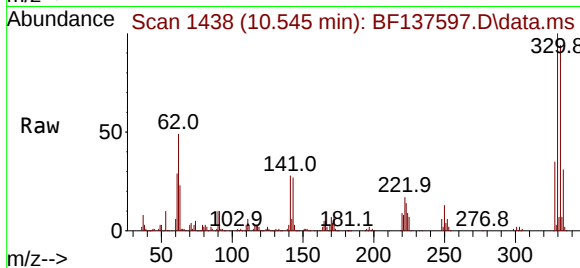
Tgt Ion:330 Resp: 267623

Ion Ratio Lower Upper

330 100

332 94.8 78.0 117.0

141 31.9 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 65.211 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137597.D

Acq: 14 Mar 2024 18:31

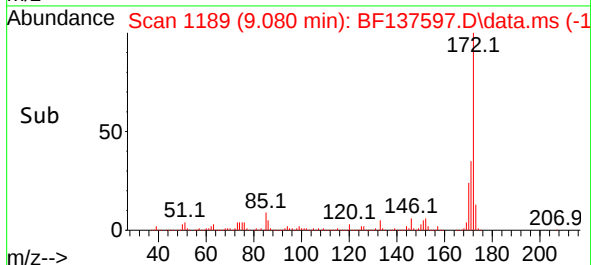
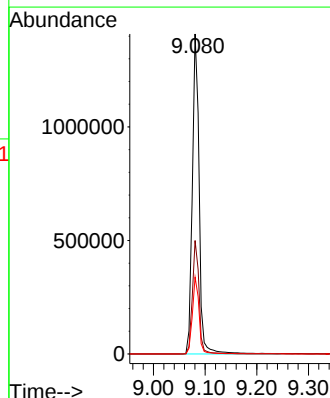
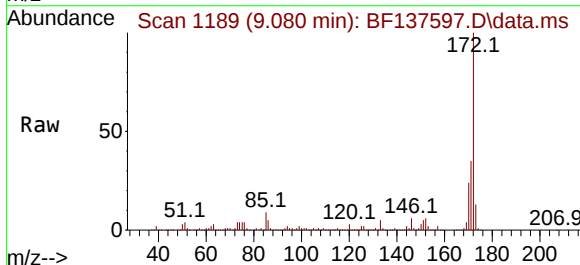
Tgt Ion:172 Resp: 1290238

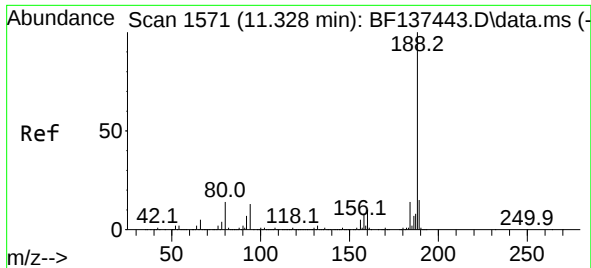
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.0 19.0 28.6

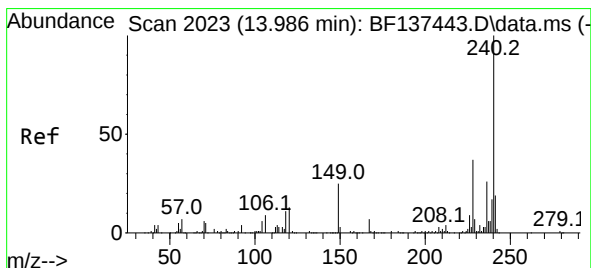
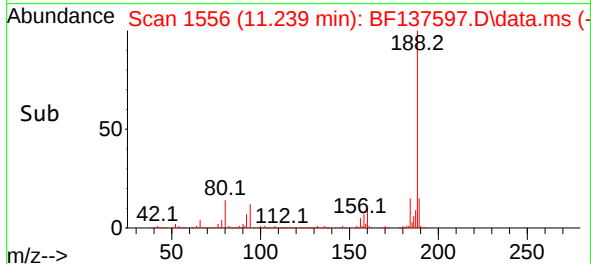
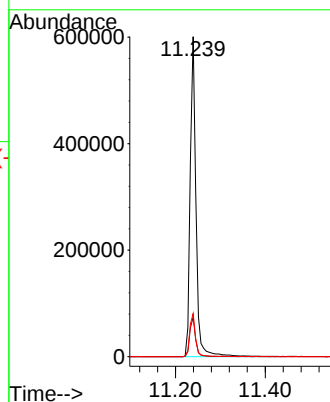
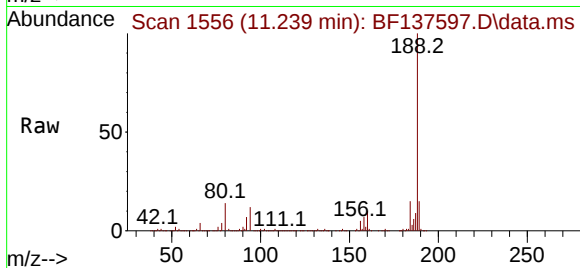




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

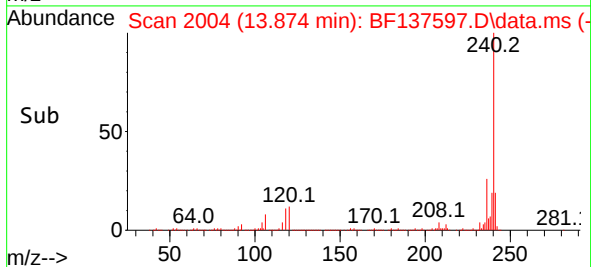
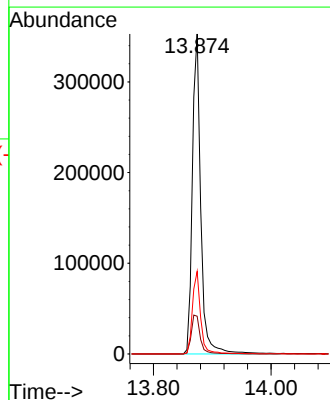
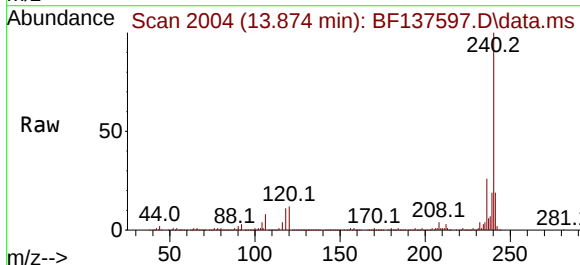
Instrument :
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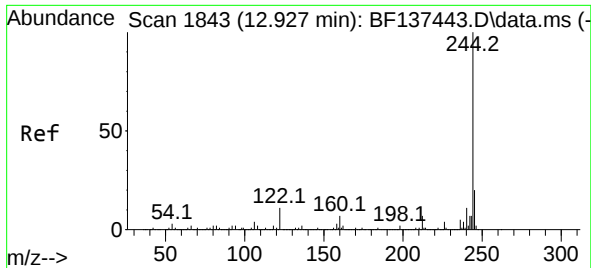
Tgt Ion:188 Resp: 538363
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 13.5 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

Tgt Ion:240 Resp: 352138
Ion Ratio Lower Upper
240 100
120 11.8 10.4 15.6
236 25.8 20.9 31.3

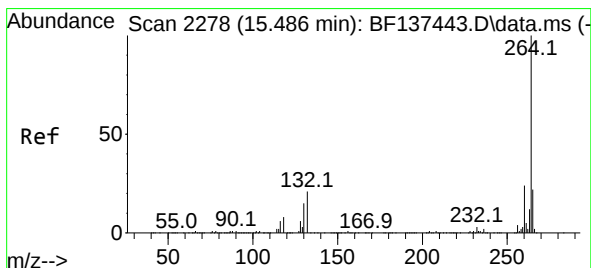
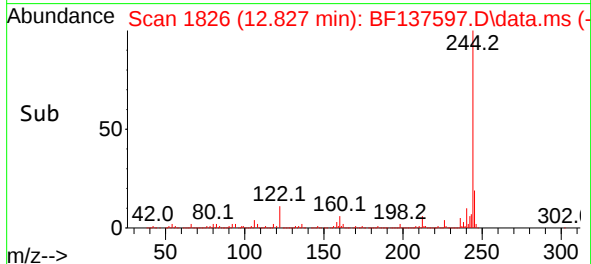
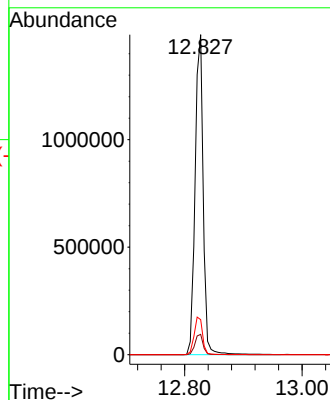
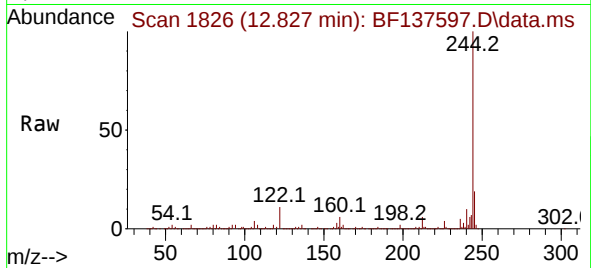




#79
 Terphenyl-d14
 Concen: 55.237 ng
 RT: 12.827 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF137597.D
 Acq: 14 Mar 2024 18:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-4.0-6.0

Tgt Ion:244 Resp: 1414500
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 10.9 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF137597.D
 Acq: 14 Mar 2024 18:31

Tgt Ion:264 Resp: 309037
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 20.6 17.4 26.0

