

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137647.D
 Acq On : 19 Mar 2024 14:44
 Operator : CG\JU
 Sample : P1616-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 146-BAY-AVENUE

Quant Time: Mar 19 15:03:15 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	124293	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	478942	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	257962	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	420952	20.000	ng	0.00
76) Chrysene-d12	13.874	240	275328	20.000	ng	0.00
86) Perylene-d12	15.298	264	274382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	964513	117.528	ng	0.00
7) Phenol-d6	6.363	99	1284935	108.469	ng	0.00
23) Nitrobenzene-d5	7.293	82	761367	73.863	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	252369	111.404	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1270470	77.094	ng	0.00
79) Terphenyl-d14	12.827	244	1166890	58.279	ng	0.00

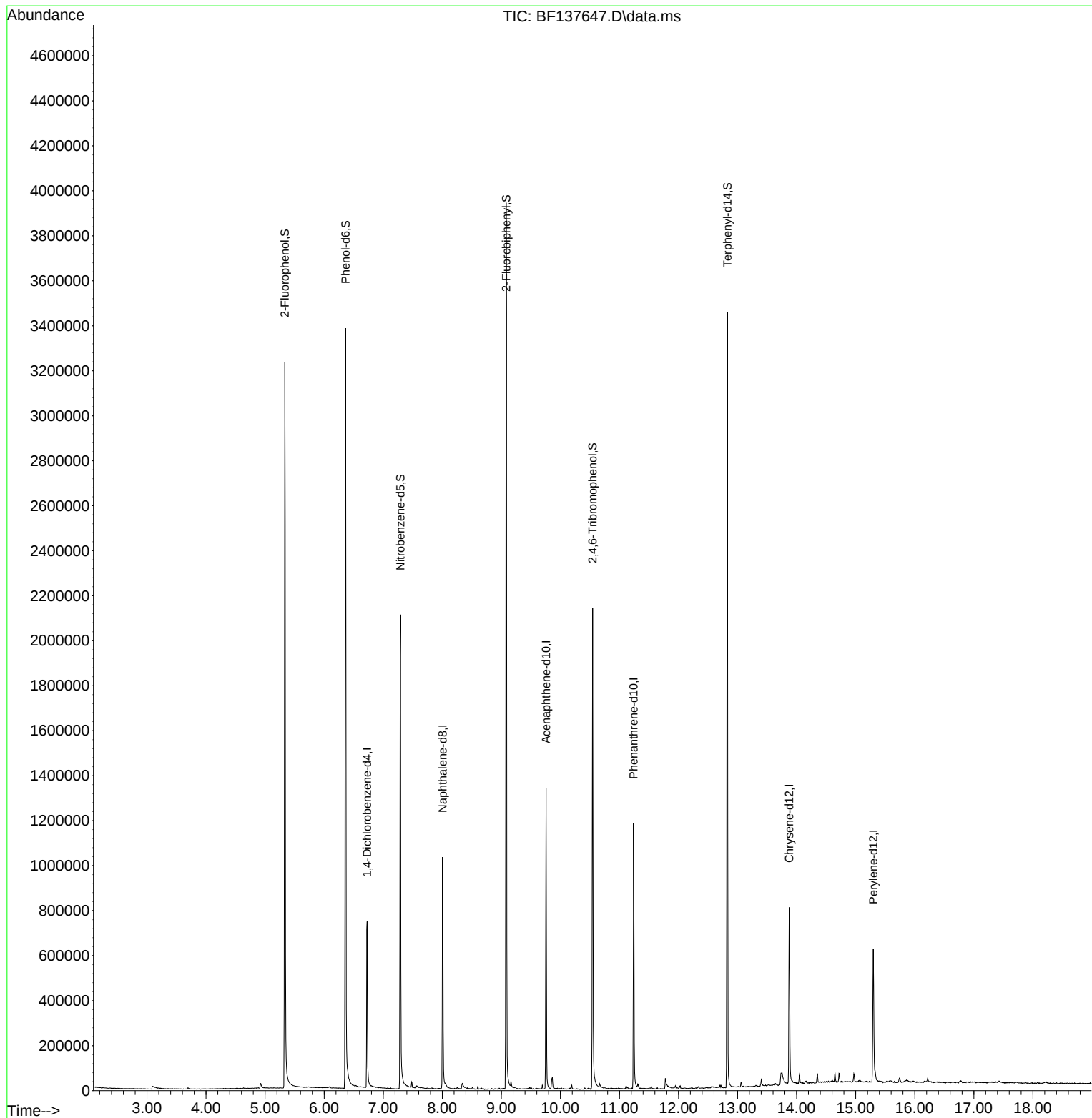
Target Compounds	Qvalue

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

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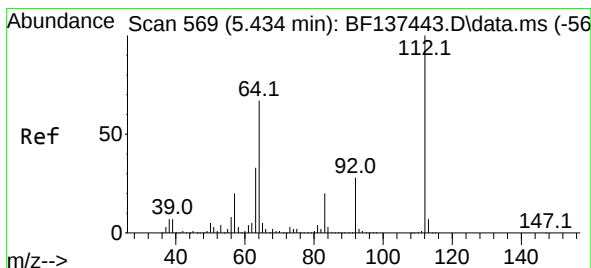
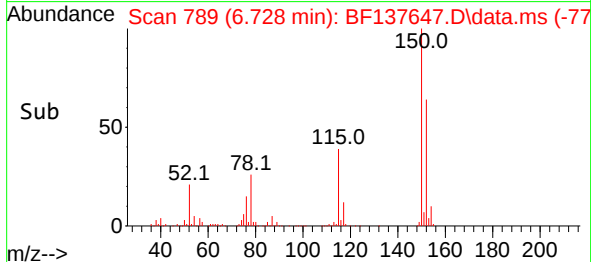
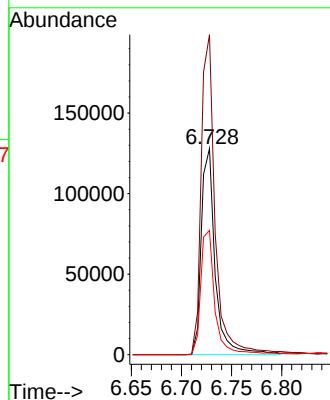
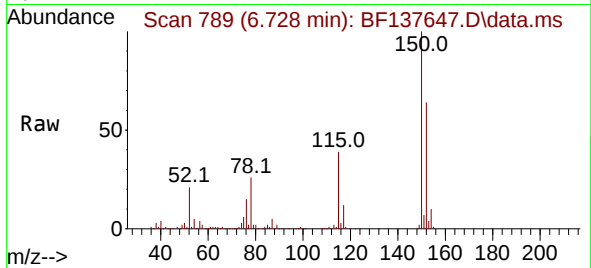




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

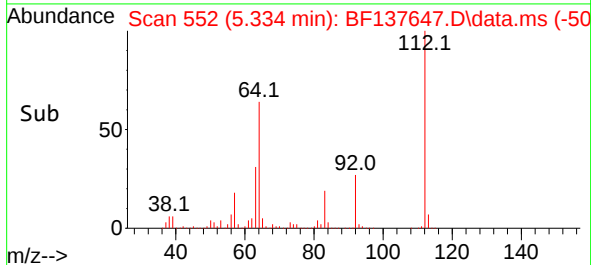
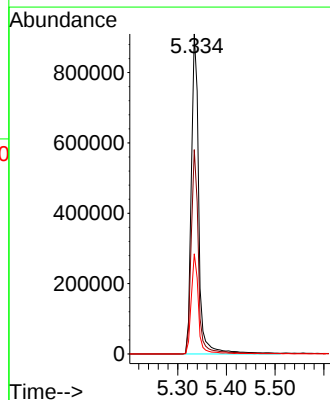
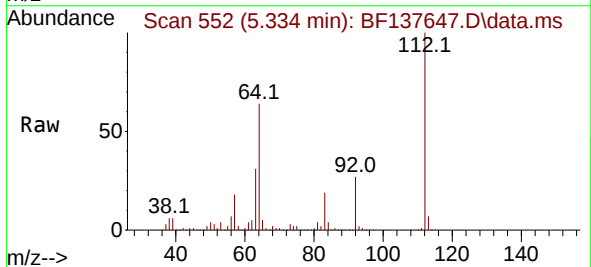
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

Tgt Ion:152 Resp: 124293
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 60.3 48.8 73.2



#5
2-Fluorophenol
Concen: 117.528 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

Tgt Ion:112 Resp: 964513
Ion Ratio Lower Upper
112 100
64 63.8 53.4 80.2
63 31.3 26.2 39.2

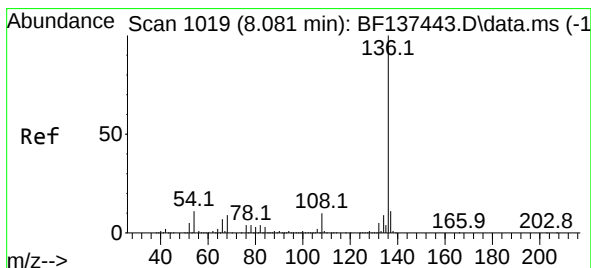
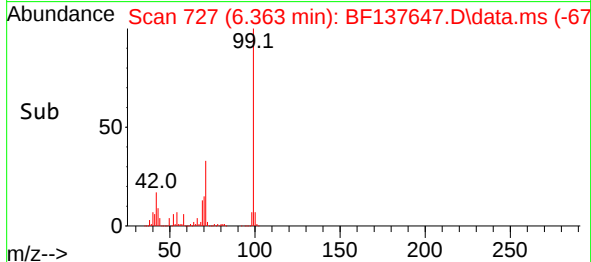
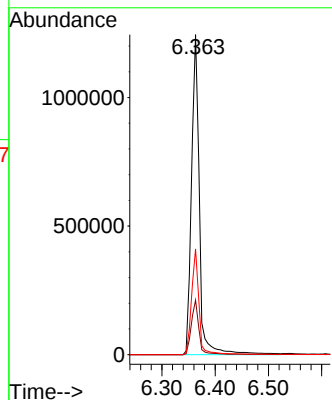
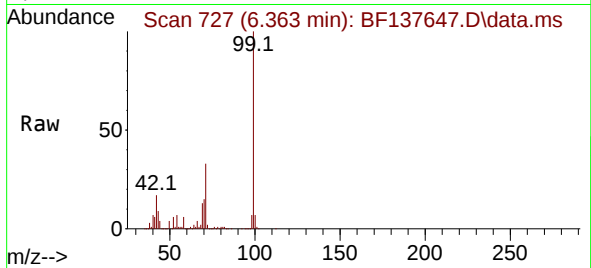




#7
Phenol-d6
Concen: 108.469 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

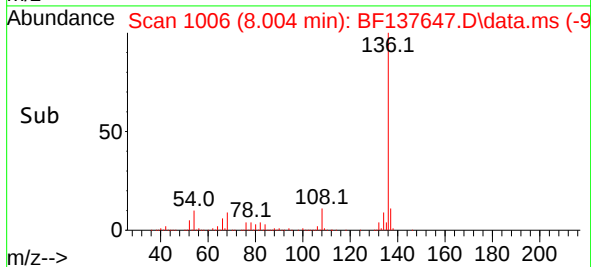
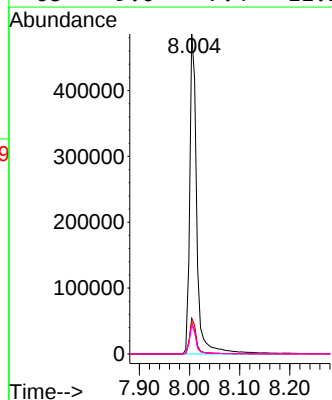
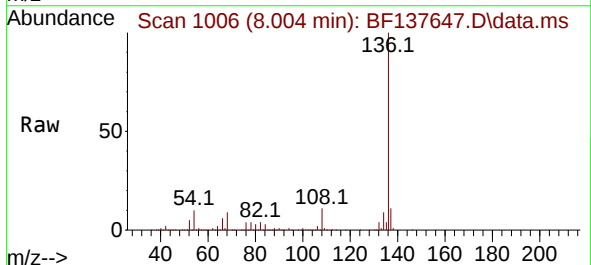
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

Tgt Ion: 99 Resp: 1284935
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 33.1 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: BF137647.D
Acq: 19 Mar 2024 14:44

Tgt Ion: 136 Resp: 478942
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.1 8.5 12.7
68 9.0 7.4 11.2





#23

Nitrobenzene-d5

Concen: 73.863 ng

RT: 7.293 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137647.D

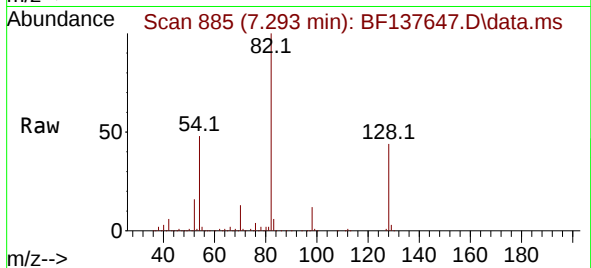
Acq: 19 Mar 2024 14:44

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUE



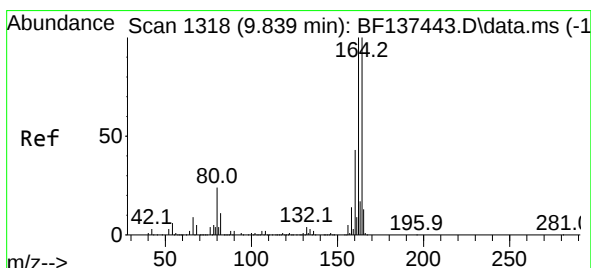
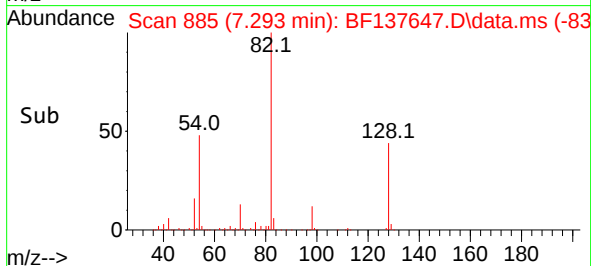
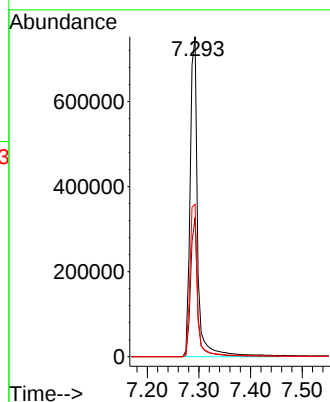
Tgt Ion: 82 Resp: 761367

Ion Ratio Lower Upper

82 100

128 43.5 32.5 48.7

54 47.6 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: BF137647.D

Acq: 19 Mar 2024 14:44

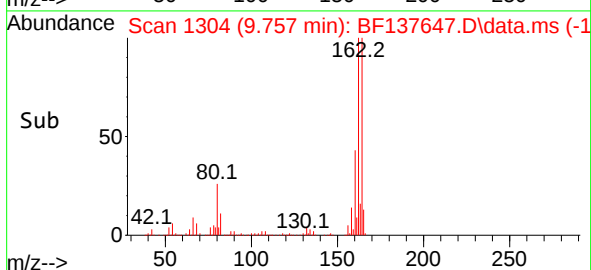
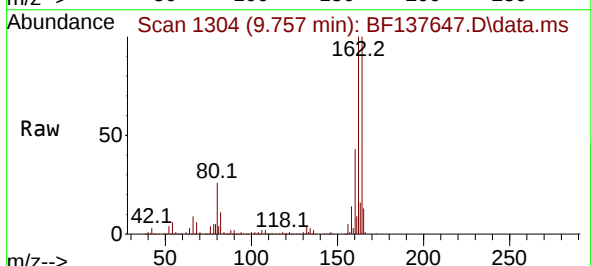
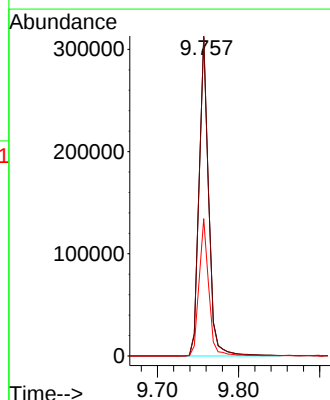
Tgt Ion: 164 Resp: 257962

Ion Ratio Lower Upper

164 100

162 100.4 79.8 119.8

160 43.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 111.404 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137647.D

Acq: 19 Mar 2024 14:44

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUE

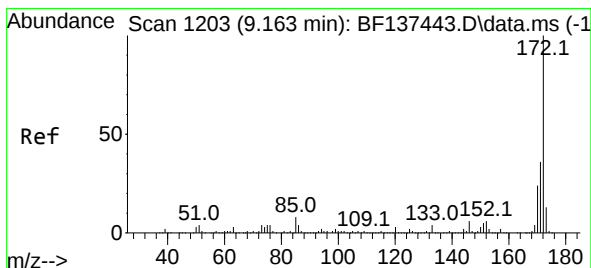
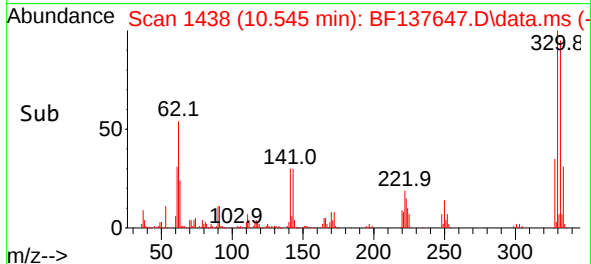
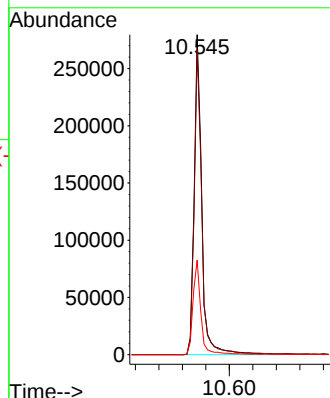
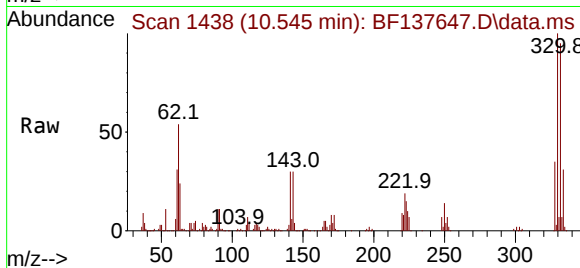
Tgt Ion:330 Resp: 252369

Ion Ratio Lower Upper

330 100

332 95.4 78.0 117.0

141 30.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 77.094 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137647.D

Acq: 19 Mar 2024 14:44

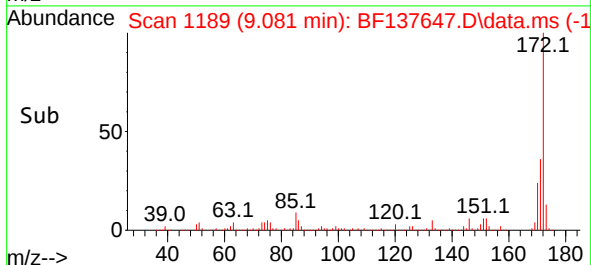
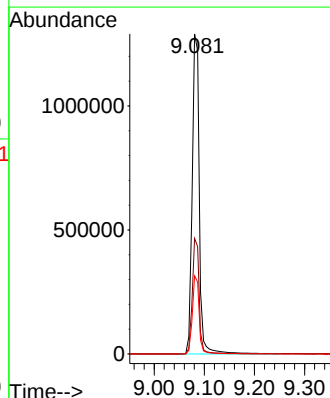
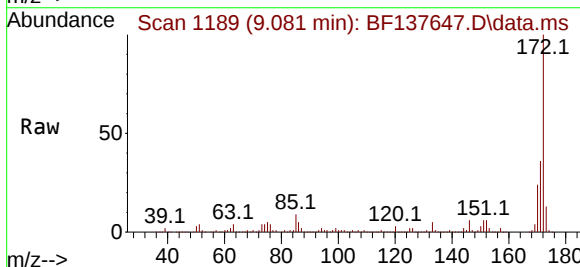
Tgt Ion:172 Resp: 1270470

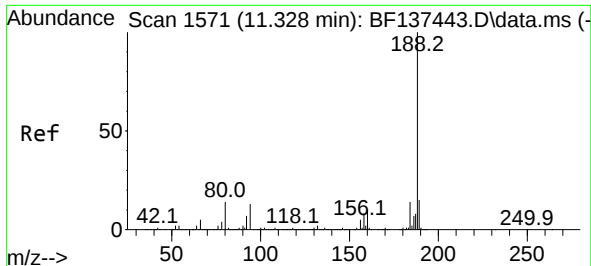
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.4 19.0 28.6

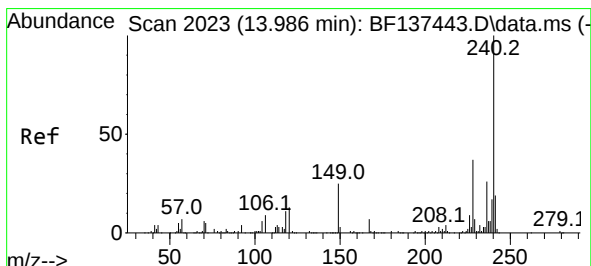
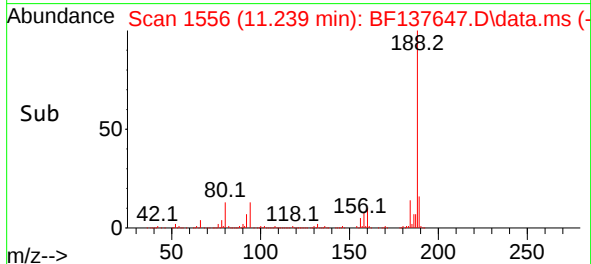
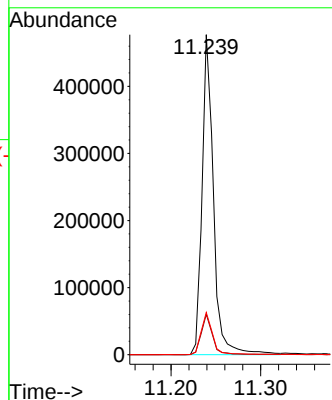
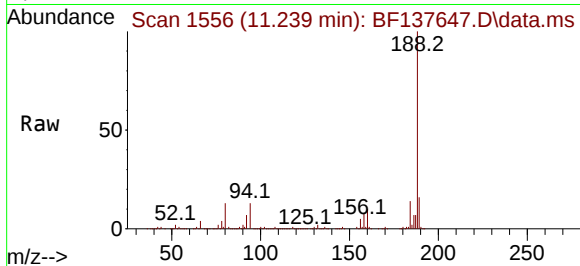




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

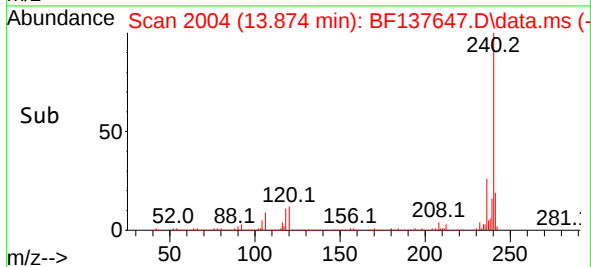
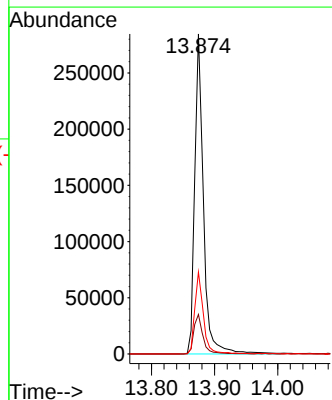
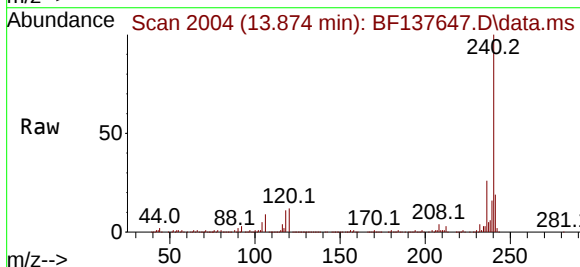
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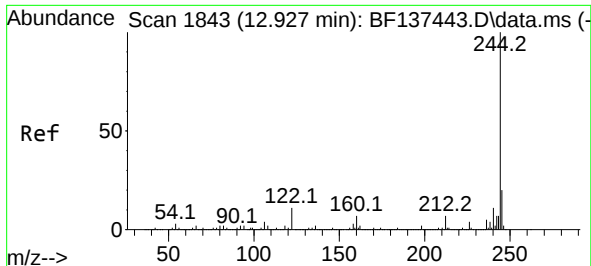
Tgt Ion:188 Resp: 420952
Ion Ratio Lower Upper
188 100
94 12.6 10.6 15.8
80 13.2 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

Tgt Ion:240 Resp: 275328
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 25.6 20.9 31.3

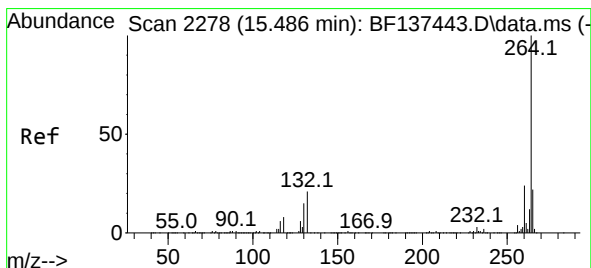
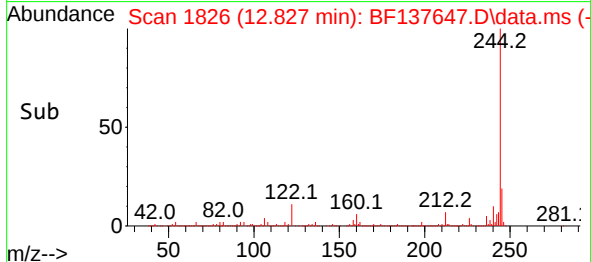
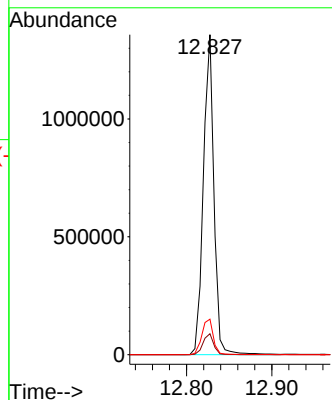
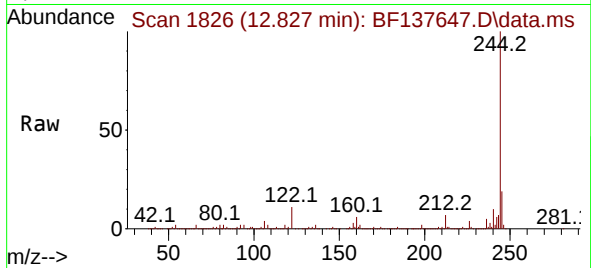




#79
Terphenyl-d14
Concen: 58.279 ng
RT: 12.827 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

Tgt Ion:244 Resp: 1166890
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 11.1 9.1 13.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

Tgt Ion:264 Resp: 274382
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 21.8 17.4 26.0

