

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137927.D
 Acq On : 17 May 2024 12:54
 Operator : CG\JU
 Sample : P2482-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-04-229

Quant Time: May 17 13:45:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	118774	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	453461	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	259913	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	481550	20.000	ng	0.00
76) Chrysene-d12	14.227	240	381505	20.000	ng	0.00
86) Perylene-d12	15.786	264	309506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	531765	76.050	ng	0.00
7) Phenol-d6	6.651	99	657534	76.339	ng	0.00
23) Nitrobenzene-d5	7.598	82	392280	50.910	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	197393	75.321	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	881972	52.271	ng	0.00
79) Terphenyl-d14	13.163	244	1143989	44.194	ng	0.00

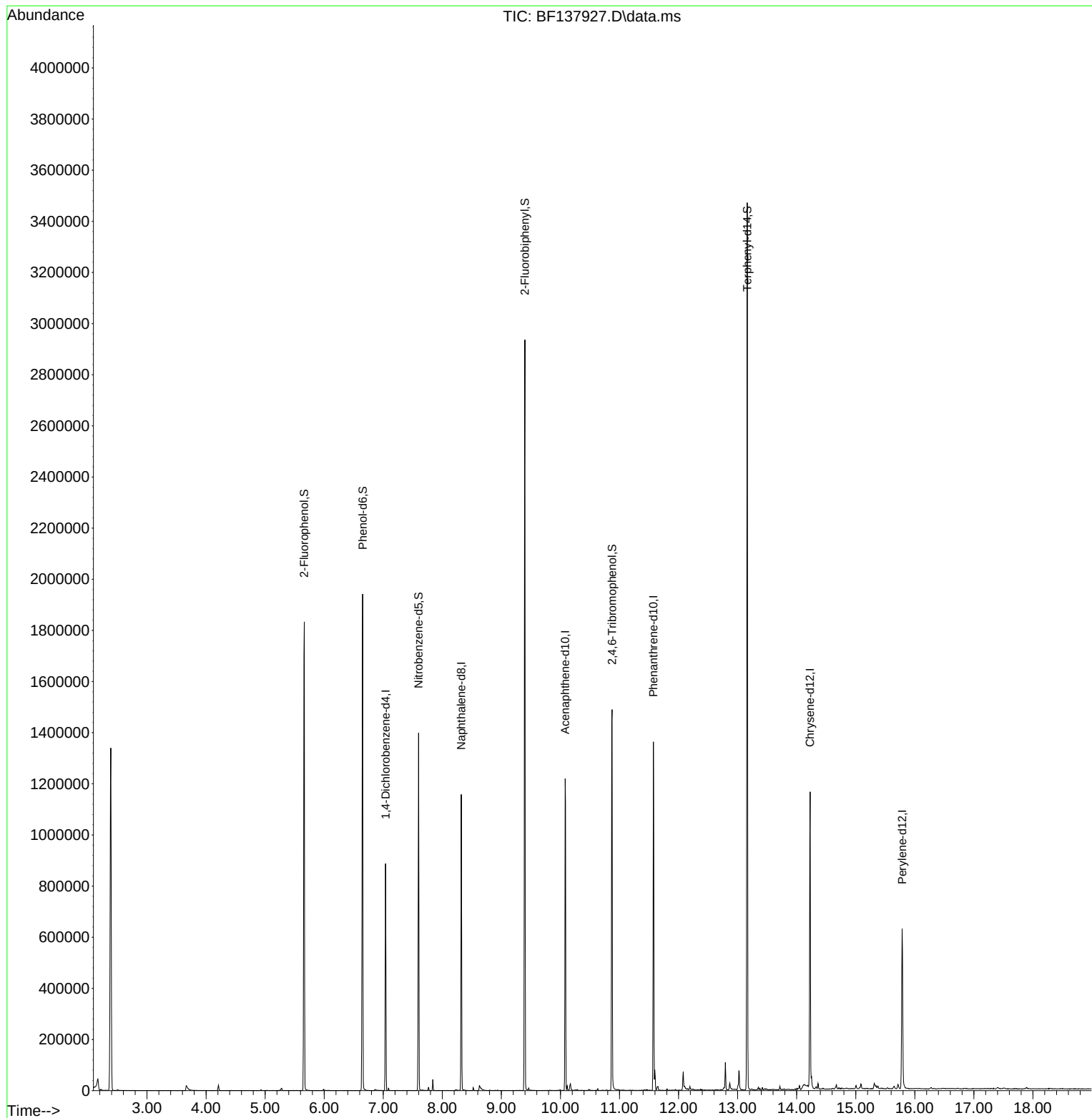
Target Compounds	Qvalue

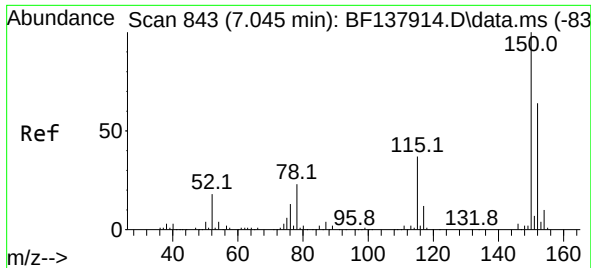
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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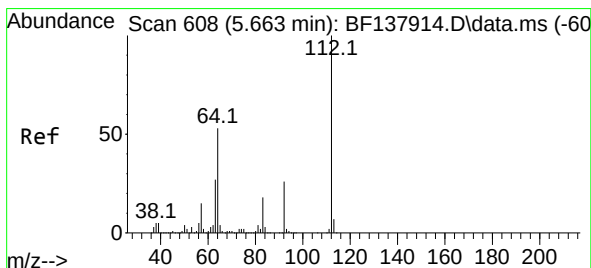
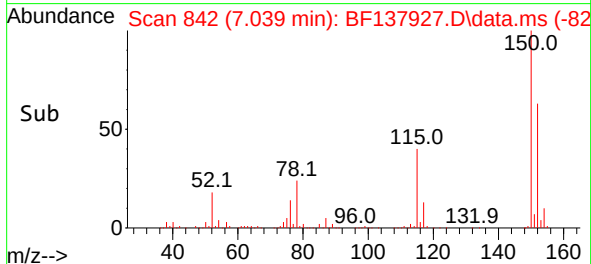
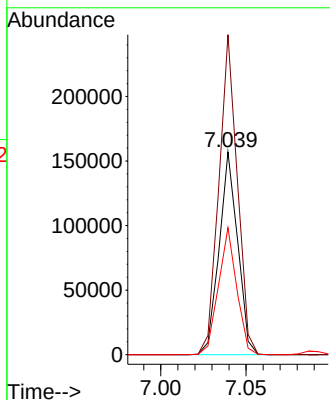
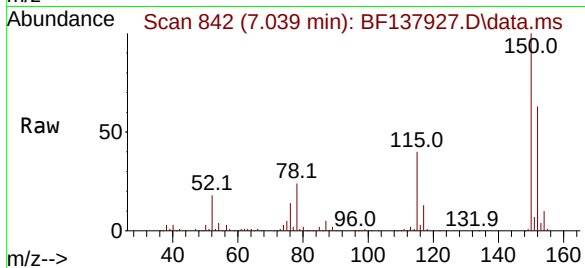




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

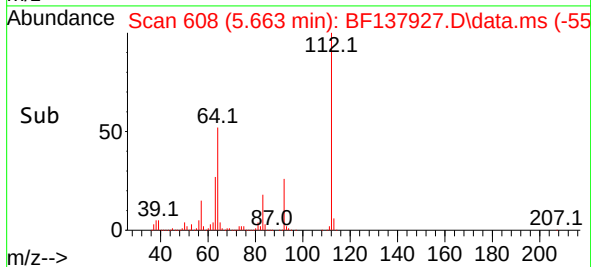
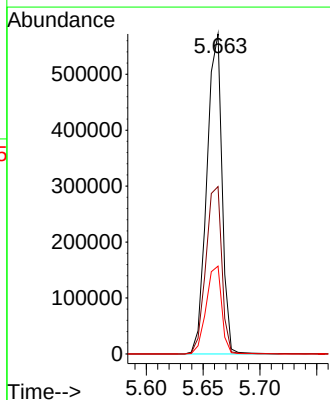
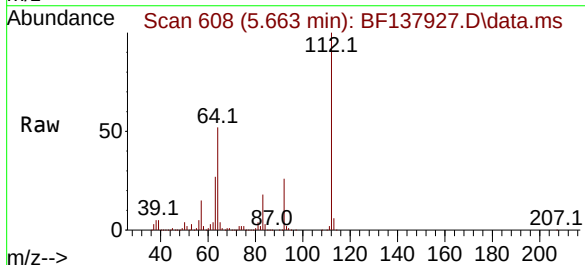
Instrument :
BNA_F
ClientSampleId :
SW-04-229

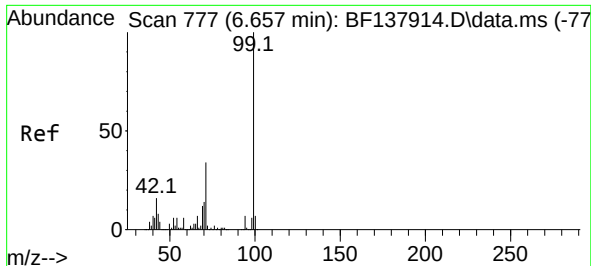
Tgt Ion:152 Resp: 118774
Ion Ratio Lower Upper
152 100
150 157.9 125.7 188.5
115 62.7 47.0 70.6



#5
2-Fluorophenol
Concen: 76.050 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.000 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

Tgt Ion:112 Resp: 531765
Ion Ratio Lower Upper
112 100
64 52.3 42.4 63.6
63 27.4 21.4 32.2

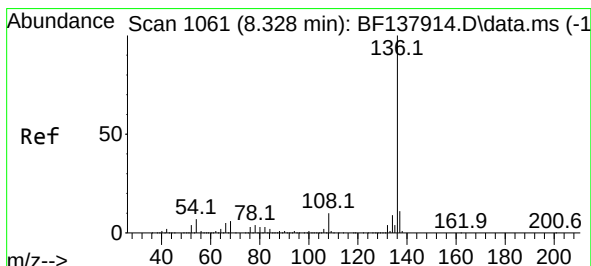
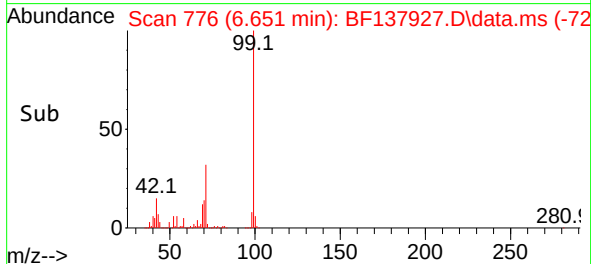
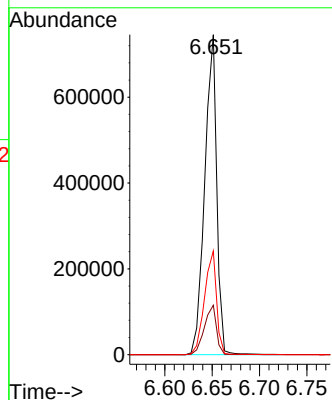
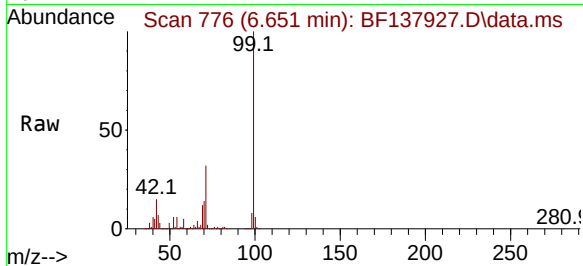




#7
Phenol-d6
Concen: 76.339 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

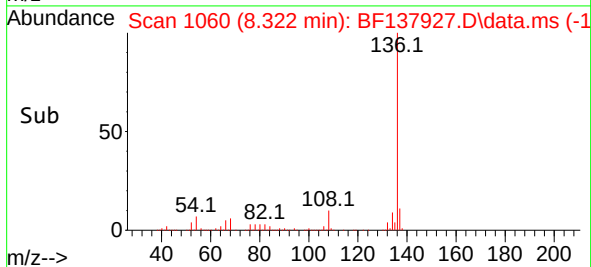
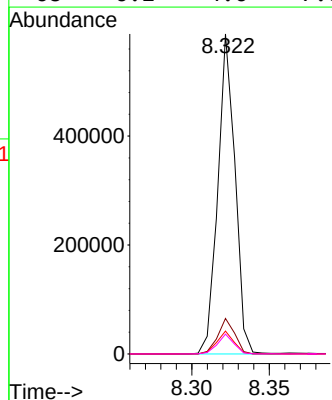
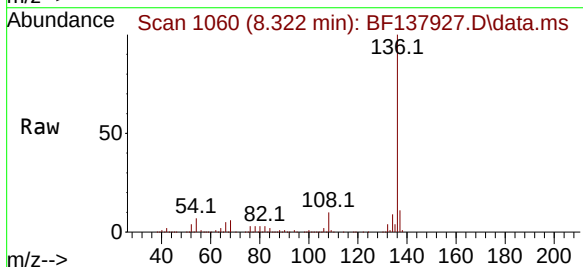
Instrument :
BNA_F
ClientSampleId :
SW-04-229

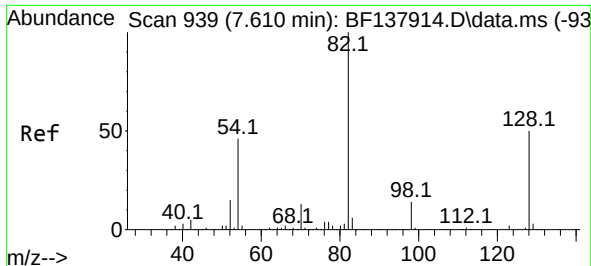
Tgt Ion: 99 Resp: 657534
Ion Ratio Lower Upper
99 100
42 15.4 12.6 18.8
71 32.4 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

Tgt Ion: 136 Resp: 453461
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.2 5.4 8.2
68 6.2 4.6 7.0





#23

Nitrobenzene-d5

Concen: 50.910 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137927.D

Acq: 17 May 2024 12:54

Instrument :

BNA_F

ClientSampleId :

SW-04-229

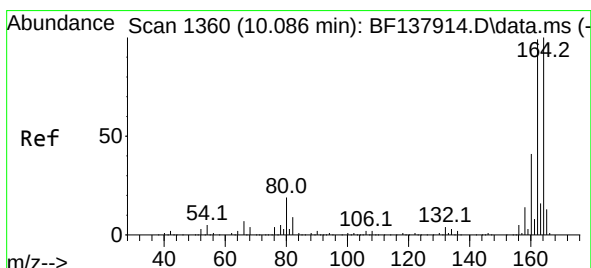
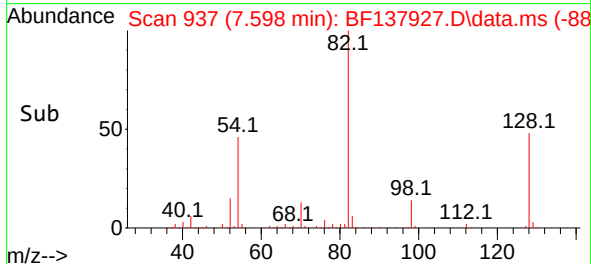
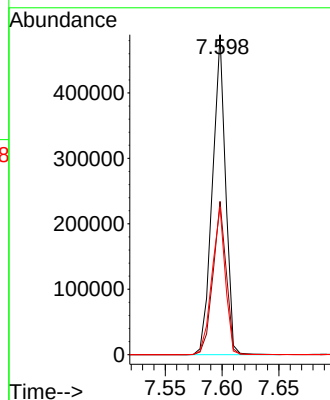
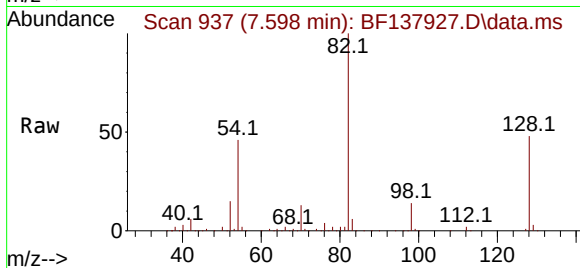
Tgt Ion: 82 Resp: 392280

Ion Ratio Lower Upper

82 100

128 47.9 40.3 60.5

54 46.2 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF137927.D

Acq: 17 May 2024 12:54

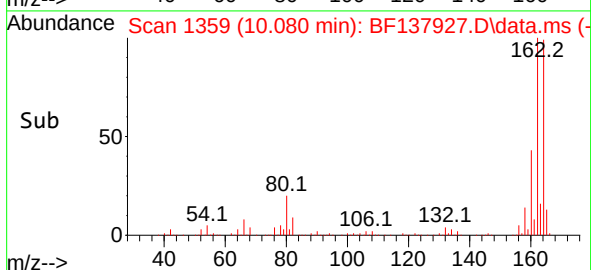
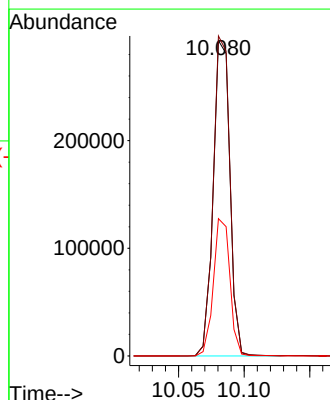
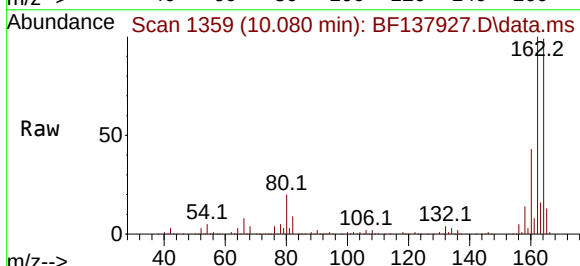
Tgt Ion:164 Resp: 259913

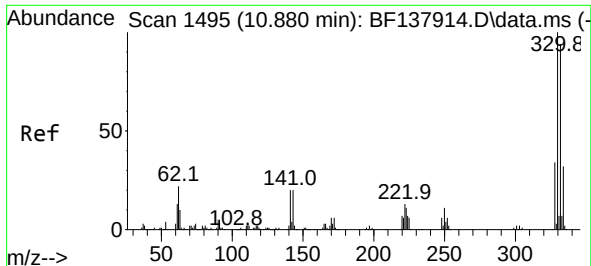
Ion Ratio Lower Upper

164 100

162 101.5 79.4 119.2

160 43.5 33.1 49.7

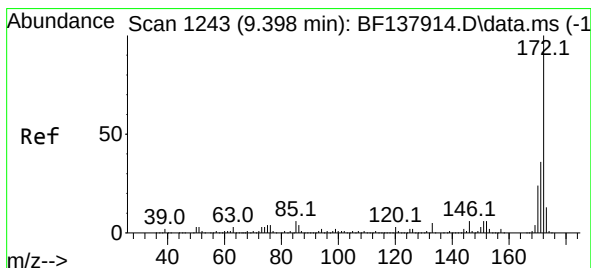
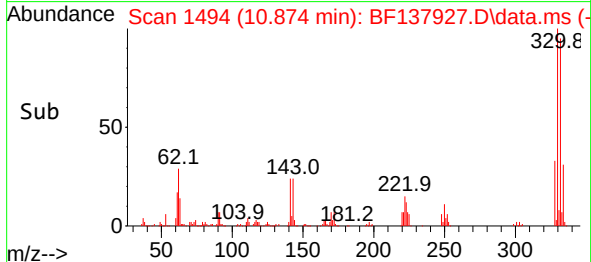
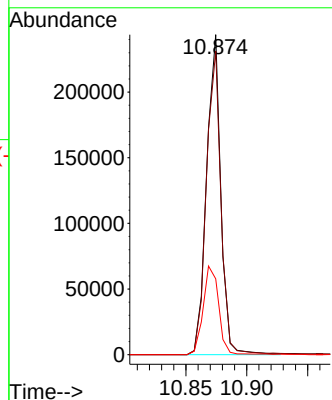
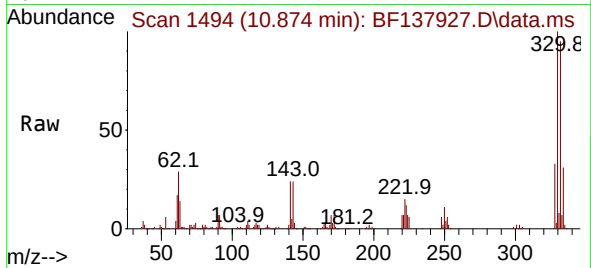




#42
2,4,6-Tribromophenol
Concen: 75.321 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

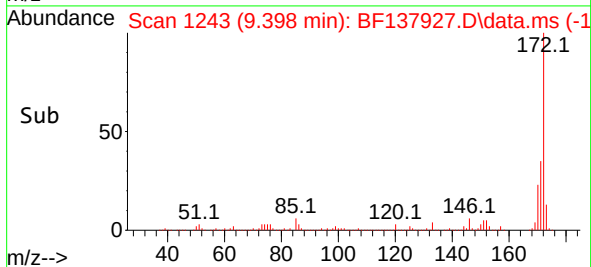
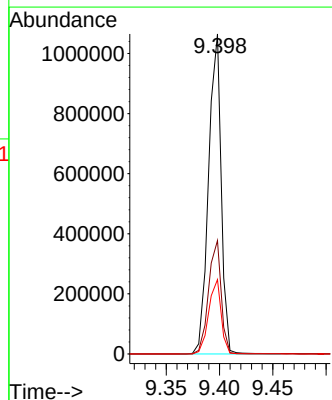
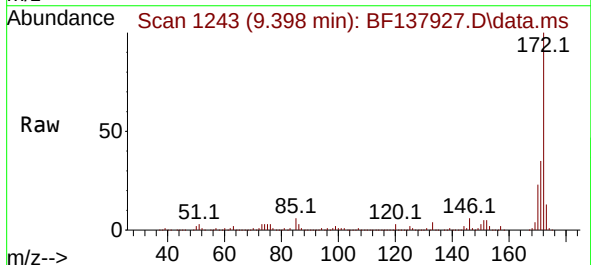
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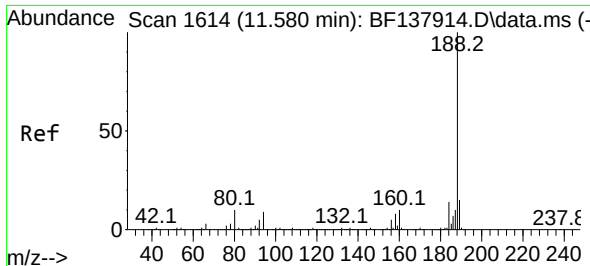
Tgt Ion:330 Resp: 197393
Ion Ratio Lower Upper
330 100
332 97.8 75.8 113.8
141 30.5 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 52.271 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

Tgt Ion:172 Resp: 881972
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.3 18.9 28.3

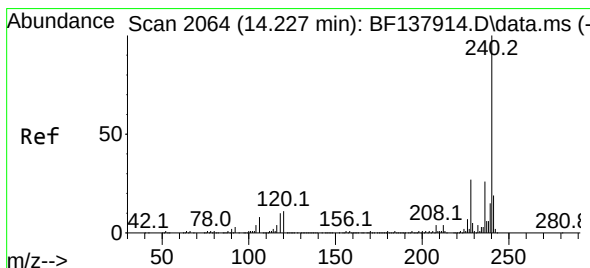
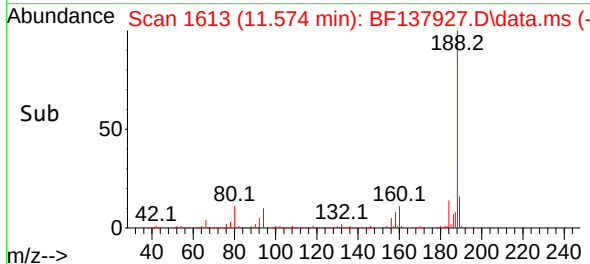
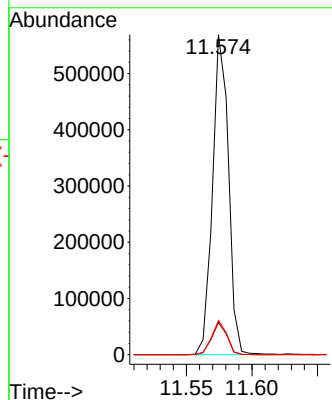
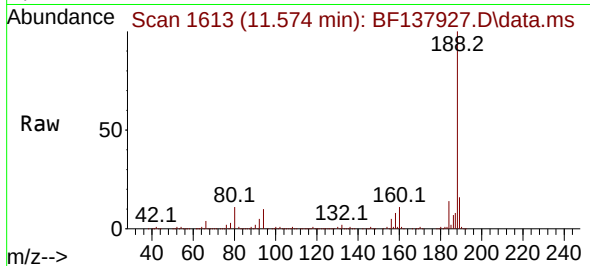




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

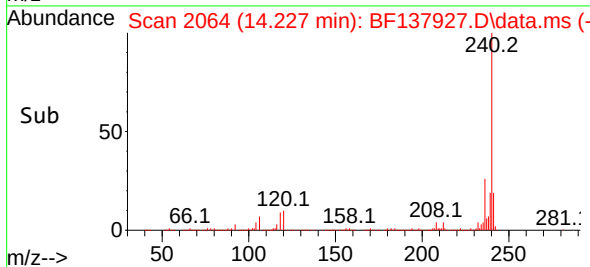
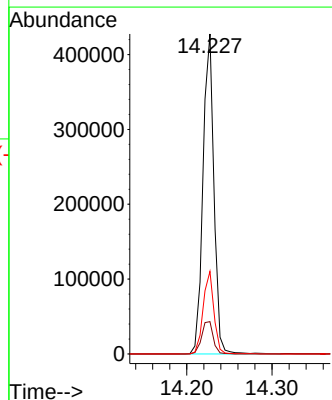
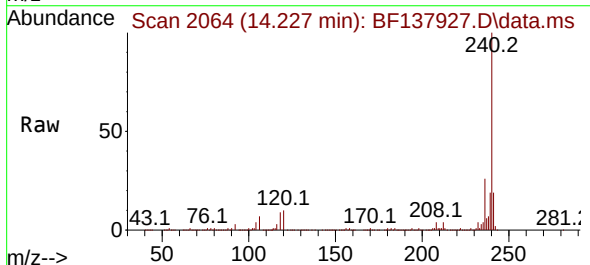
Instrument :
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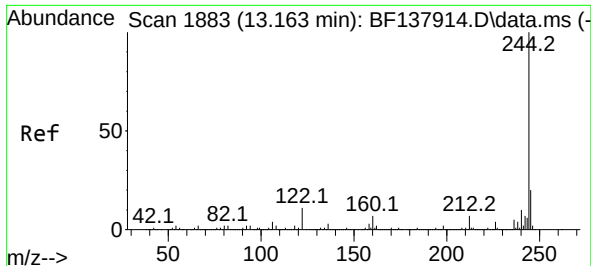
Tgt Ion:188 Resp: 481550
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 10.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

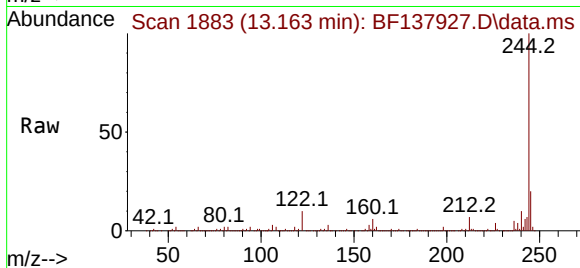
Tgt Ion:240 Resp: 381505
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.8 21.0 31.4



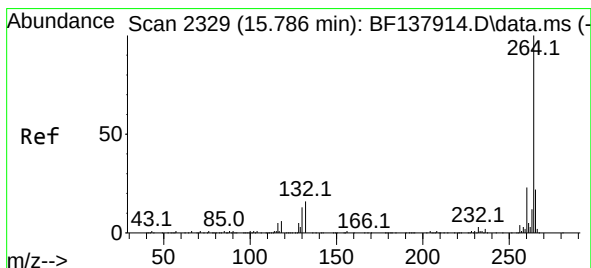
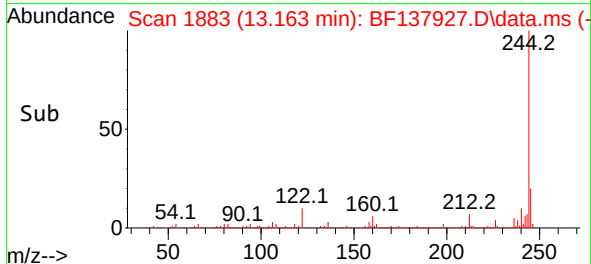
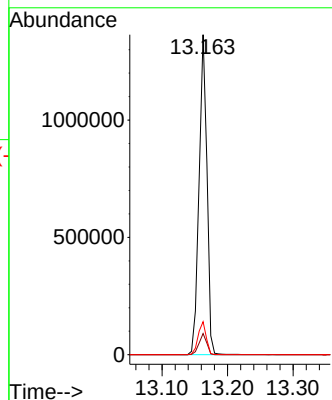


#79
Terphenyl-d14
Concen: 44.194 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 1143989
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.3 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

Tgt Ion:264 Resp: 309506
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 21.8 17.6 26.4

