

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137662.D
 Acq On : 21 Mar 2024 15:51
 Operator : CG\JU
 Sample : PB159676TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159676TB

Quant Time: Mar 21 16:20:47 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	166759	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	657283	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	369194	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	634161	20.000	ng	0.00
76) Chrysene-d12	13.874	240	380128	20.000	ng	0.00
86) Perylene-d12	15.298	264	322102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1367552	124.204	ng	0.01
7) Phenol-d6	6.369	99	1788517	112.532	ng	0.00
23) Nitrobenzene-d5	7.292	82	1128055	79.744	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	420910	129.824	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1909463	80.960	ng	0.00
79) Terphenyl-d14	12.833	244	2141993	77.486	ng	0.00

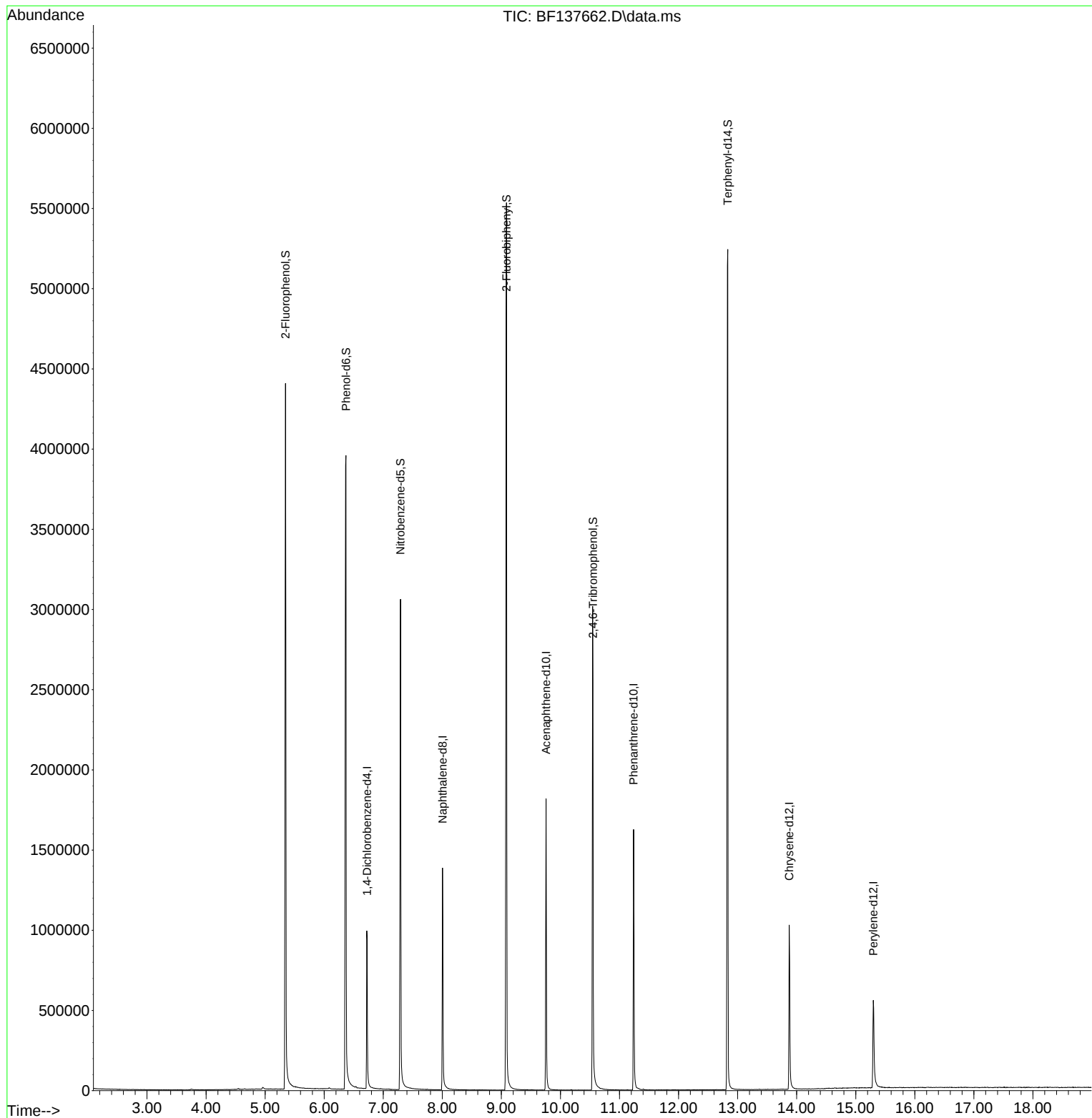
Target Compounds	Qvalue

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

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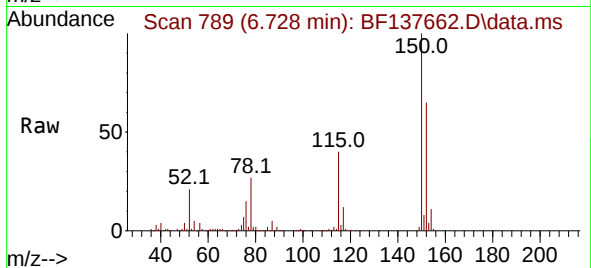
Quant Time: Mar 21 16:20:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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QLast Update : Thu Mar 14 14:45:20 2024
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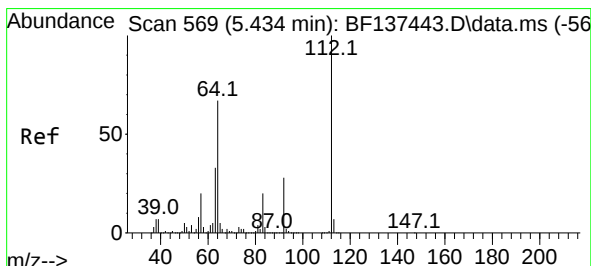
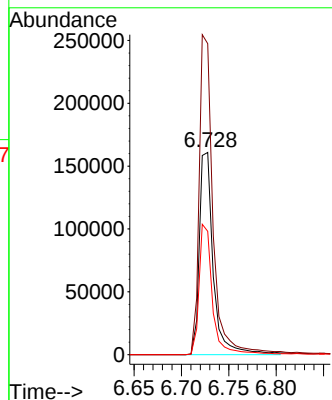
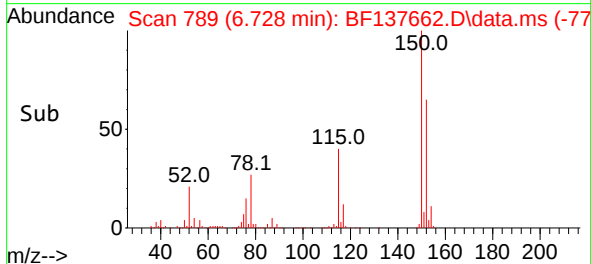


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Instrument :
BNA_F
ClientSampleId :
PB159676TB

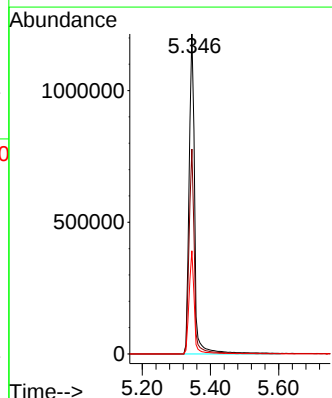
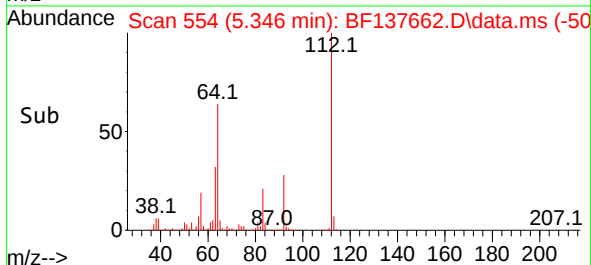
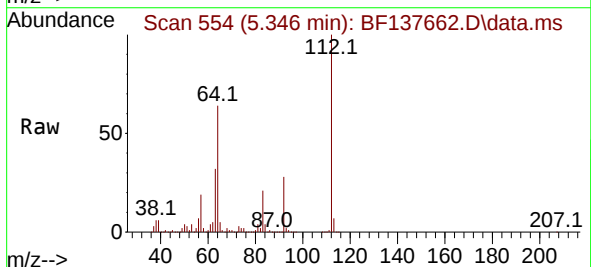


Tgt Ion:152 Resp: 166759
Ion Ratio Lower Upper
152 100
150 153.8 125.8 188.6
115 60.9 48.8 73.2



#5
2-Fluorophenol
Concen: 124.204 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion:112 Resp: 1367552
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 32.3 26.2 39.2

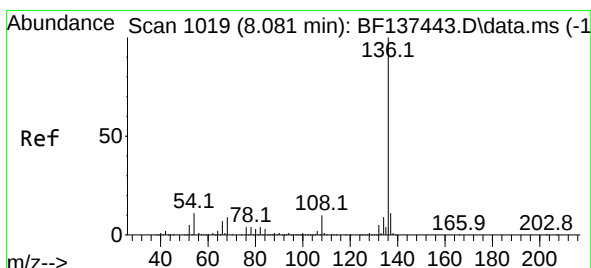
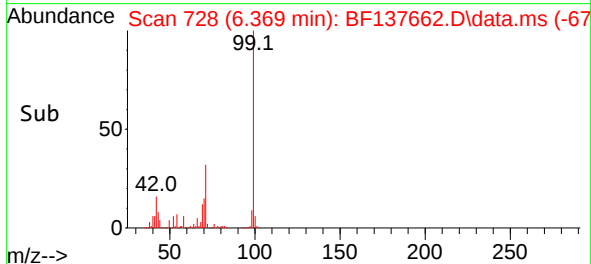
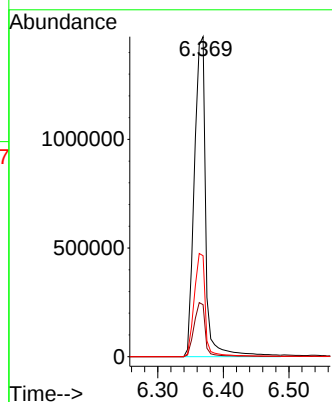
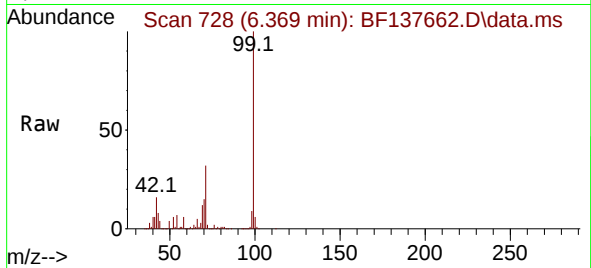




#7
Phenol-d6
Concen: 112.532 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

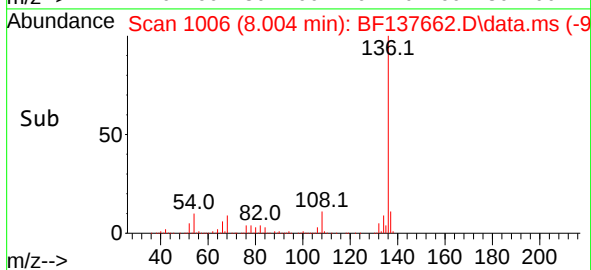
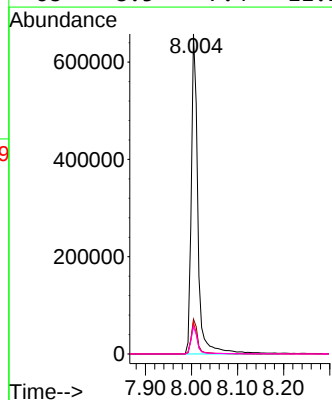
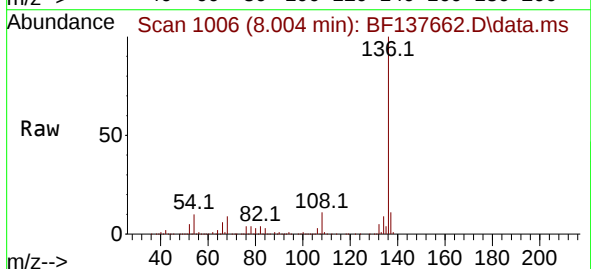
Instrument :
BNA_F
ClientSampleId :
PB159676TB

Tgt Ion: 99 Resp: 1788517
Ion Ratio Lower Upper
99 100
42 16.3 14.6 21.8
71 31.6 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: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion: 136 Resp: 657283
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.8 8.5 12.7
68 8.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 79.744 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137662.D

Acq: 21 Mar 2024 15:51

Instrument :

BNA_F

ClientSampleId :

PB159676TB

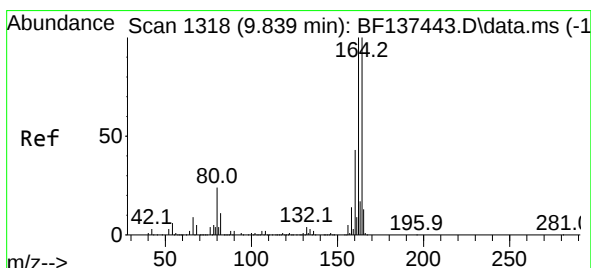
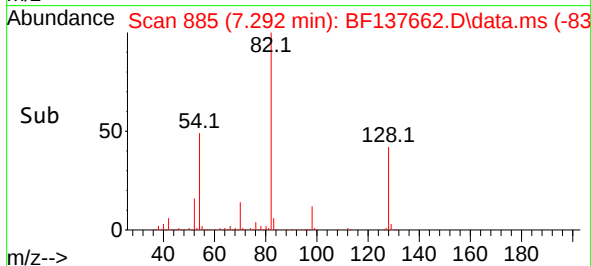
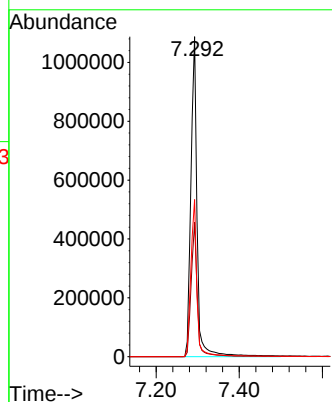
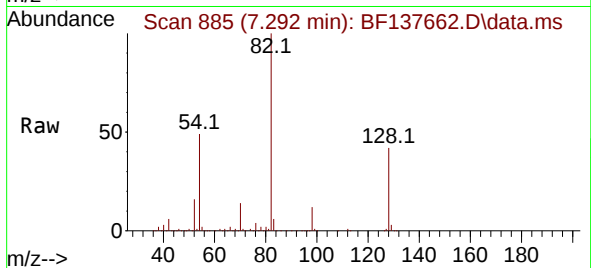
Tgt Ion: 82 Resp: 1128055

Ion Ratio Lower Upper

82 100

128 42.0 32.5 48.7

54 49.1 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: BF137662.D

Acq: 21 Mar 2024 15:51

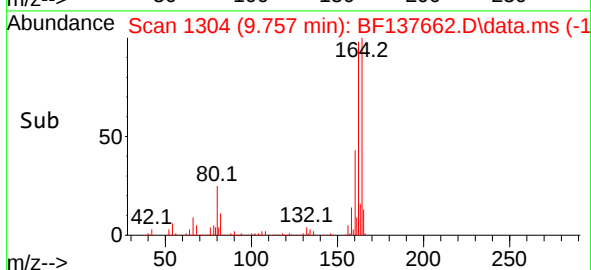
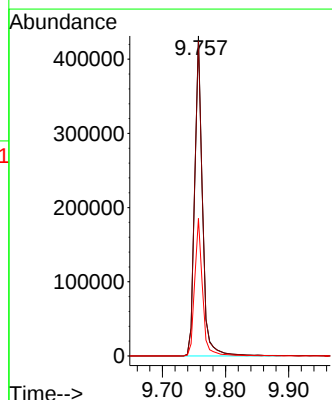
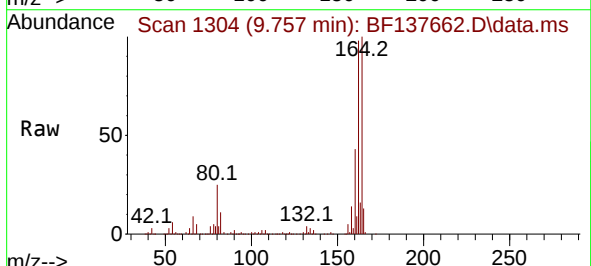
Tgt Ion: 164 Resp: 369194

Ion Ratio Lower Upper

164 100

162 98.5 79.8 119.8

160 42.9 34.4 51.6

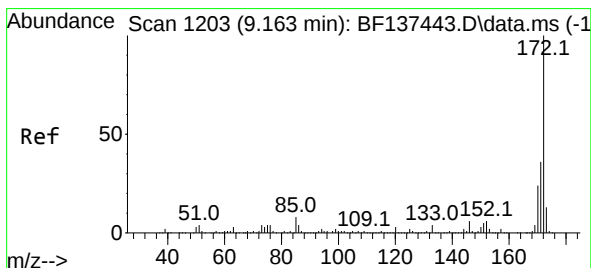
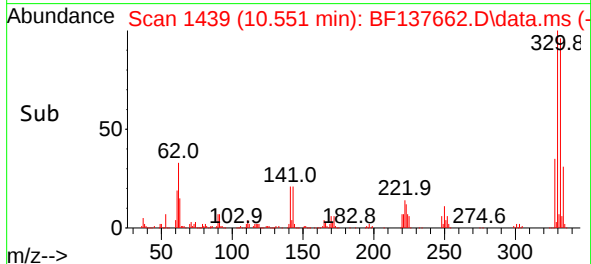
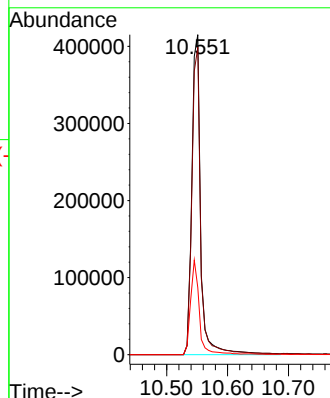
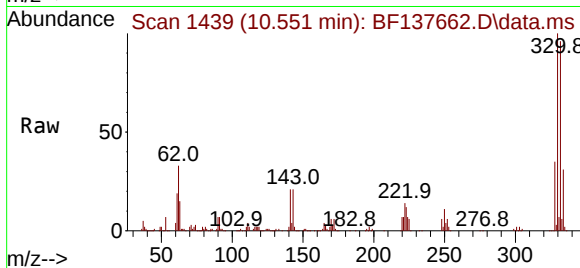




#42
2,4,6-Tribromophenol
Concen: 129.824 ng
RT: 10.551 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

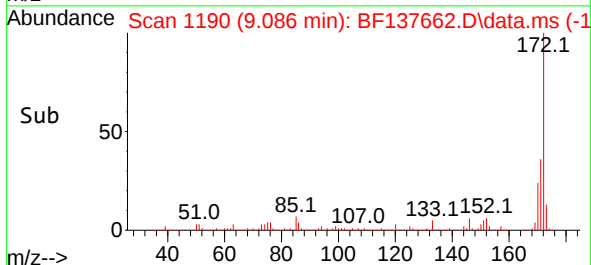
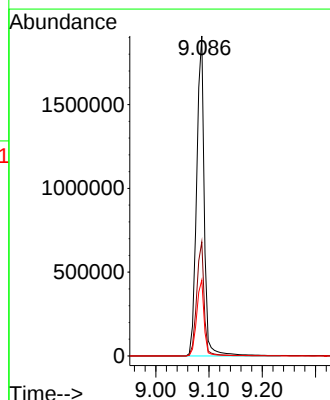
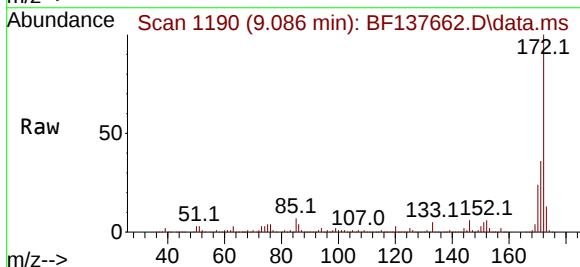
Instrument :
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ClientSampleId :
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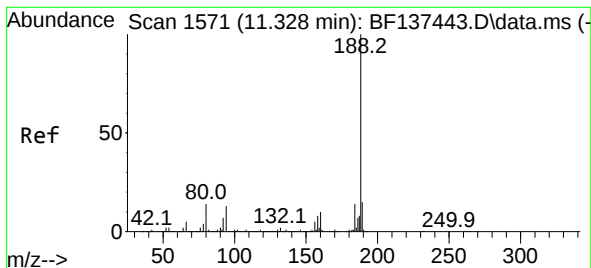
Tgt Ion:330 Resp: 420910
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 29.5 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 80.960 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion:172 Resp: 1909463
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.7 19.0 28.6

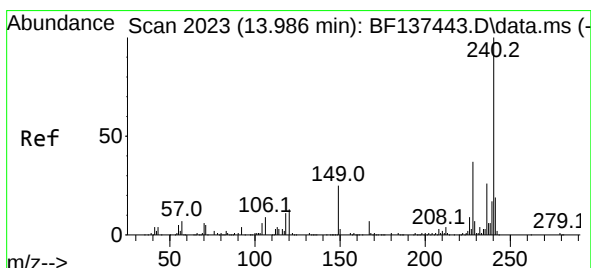
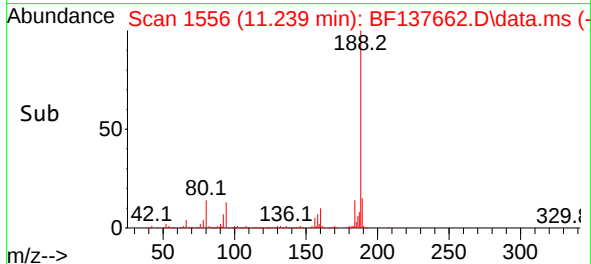
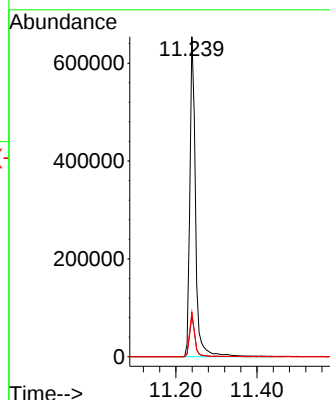
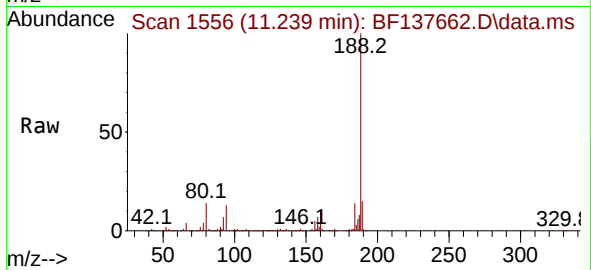




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

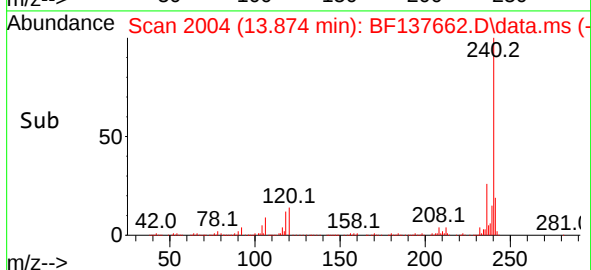
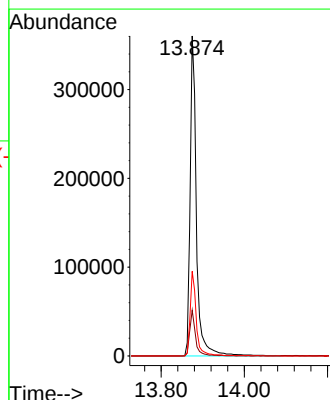
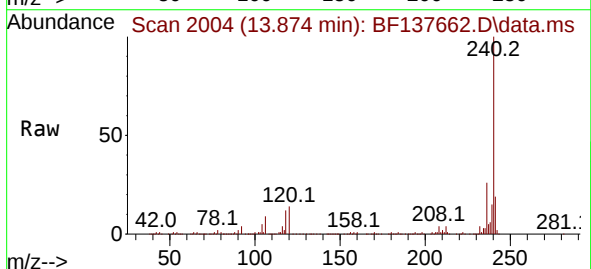
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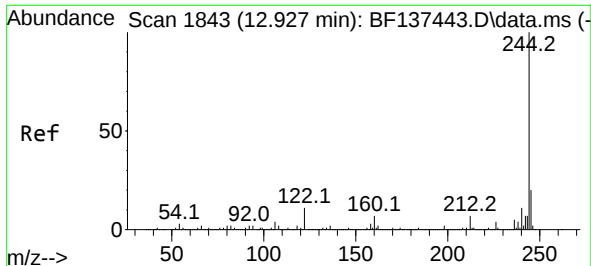
Tgt Ion:188 Resp: 634161
Ion Ratio Lower Upper
188 100
94 12.8 10.6 15.8
80 13.9 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137662.D
Acq: 21 Mar 2024 15:51

Tgt Ion:240 Resp: 380128
Ion Ratio Lower Upper
240 100
120 14.3 10.4 15.6
236 26.5 20.9 31.3

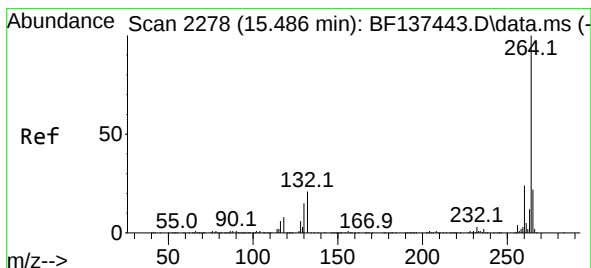
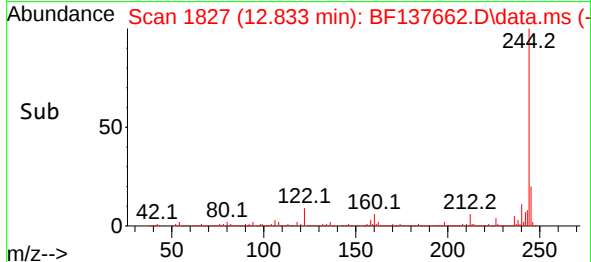
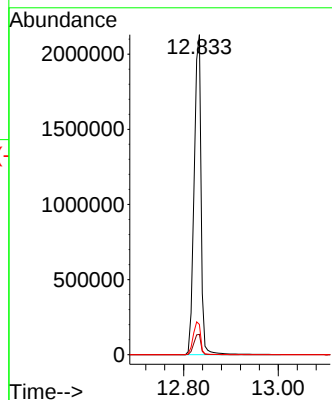
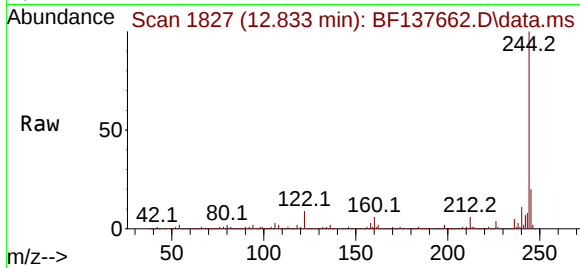




#79
 Terphenyl-d14
 Concen: 77.486 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF137662.D
 Acq: 21 Mar 2024 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB159676TB

Tgt Ion:244 Resp: 2141993
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 9.5 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: BF137662.D
 Acq: 21 Mar 2024 15:51

Tgt Ion:264 Resp: 322102
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 22.1 17.4 26.0

