

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137945.D
 Acq On : 17 May 2024 21:42
 Operator : CG\JU
 Sample : P2513-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: May 17 22:56:16 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	124985	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	482462	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	276447	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	493700	20.000	ng	0.00
76) Chrysene-d12	14.221	240	289794	20.000	ng	0.00
86) Perylene-d12	15.786	264	308708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	840706	114.259	ng	0.01
7) Phenol-d6	6.657	99	932783	102.913	ng	0.00
23) Nitrobenzene-d5	7.604	82	690153	84.184	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	390834	140.214	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1497071	83.418	ng	0.00
79) Terphenyl-d14	13.163	244	1780775	90.565	ng	0.00

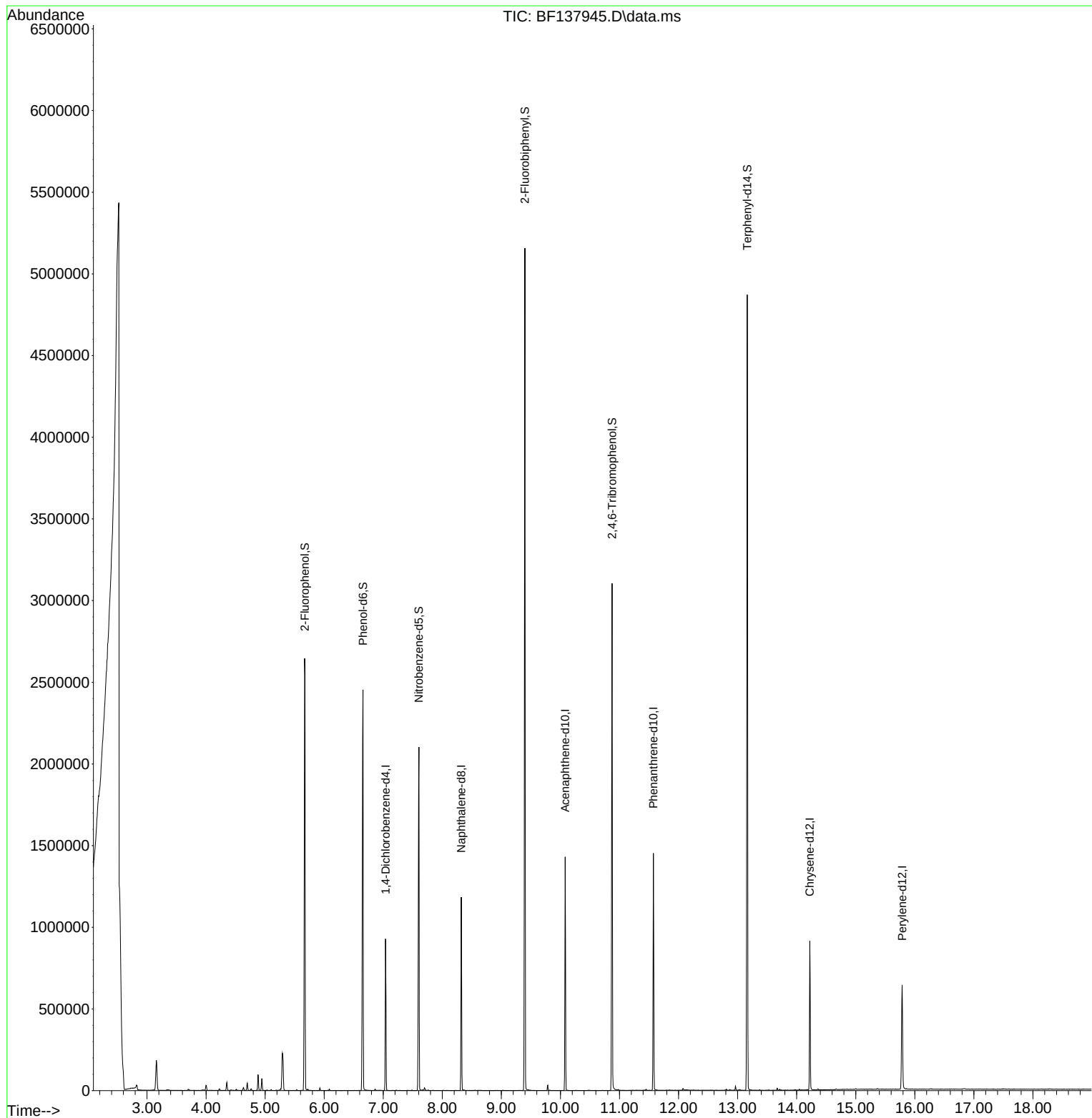
Target Compounds	Qvalue

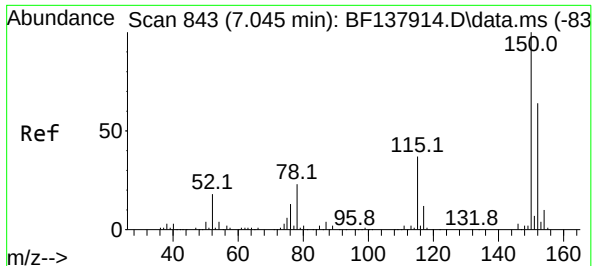
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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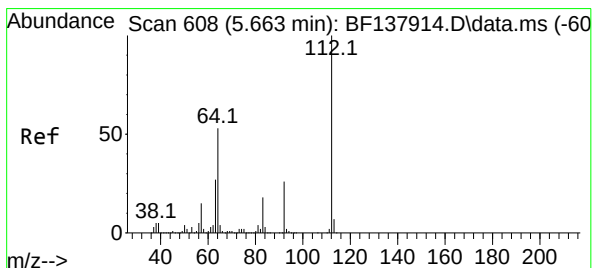
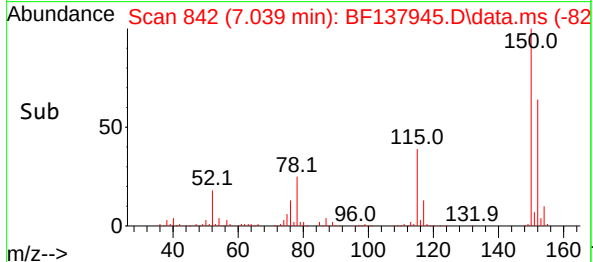
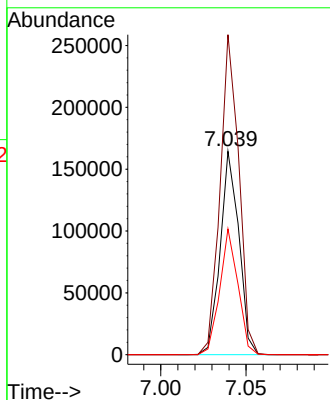
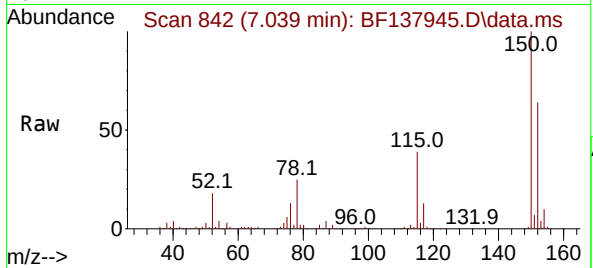




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.039 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BF137945.D
 Acq: 17 May 2024 21:42

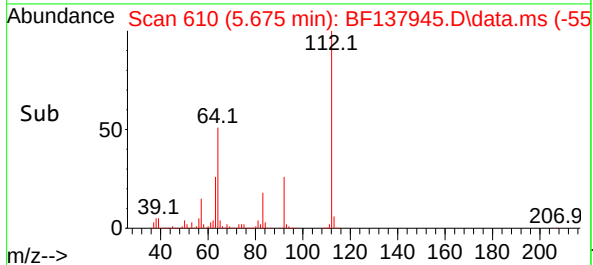
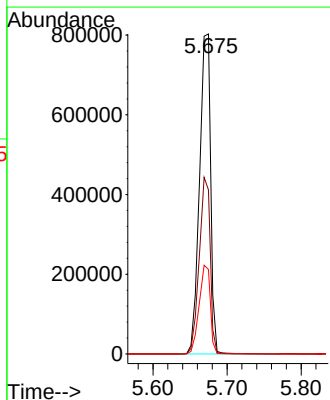
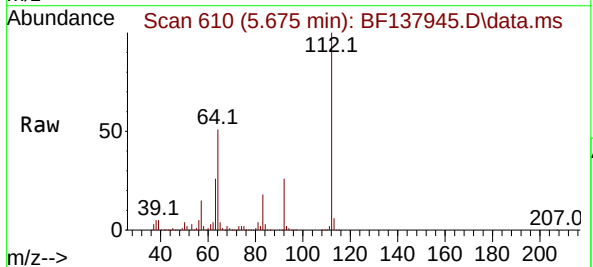
Instrument :
 BNA_F
 ClientSampleId :
 TP-15

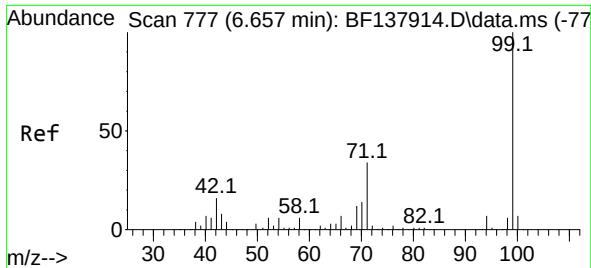
Tgt Ion:152 Resp: 124985
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.7 188.5
 115 61.8 47.0 70.6



#5
 2-Fluorophenol
 Concen: 114.259 ng
 RT: 5.675 min Scan# 610
 Delta R.T. 0.012 min
 Lab File: BF137945.D
 Acq: 17 May 2024 21:42

Tgt Ion:112 Resp: 840706
 Ion Ratio Lower Upper
 112 100
 64 51.3 42.4 63.6
 63 26.4 21.4 32.2

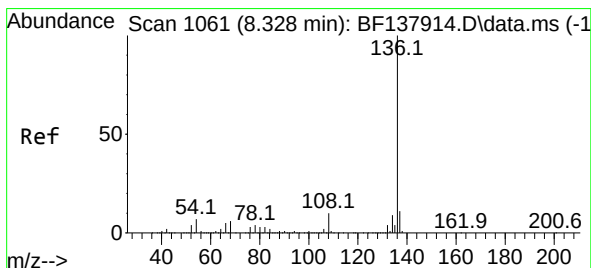
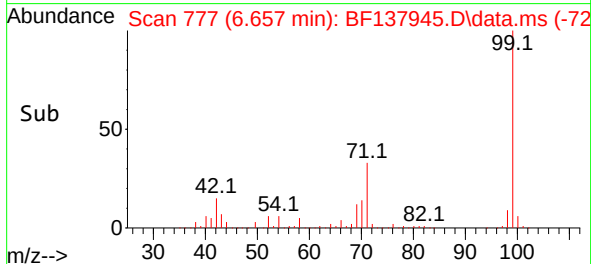
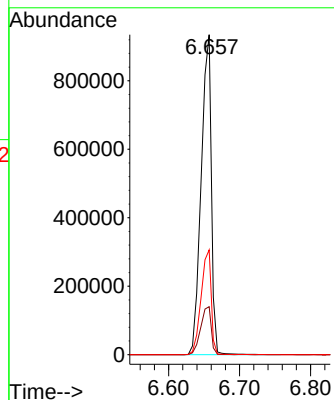
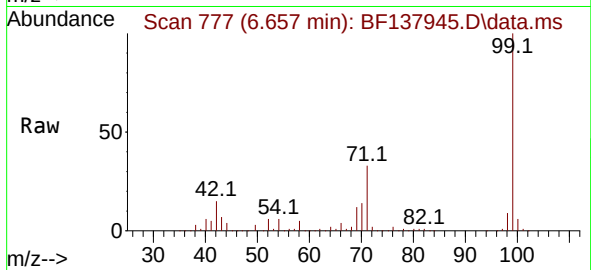




#7
Phenol-d6
Concen: 102.913 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137945.D
Acq: 17 May 2024 21:42

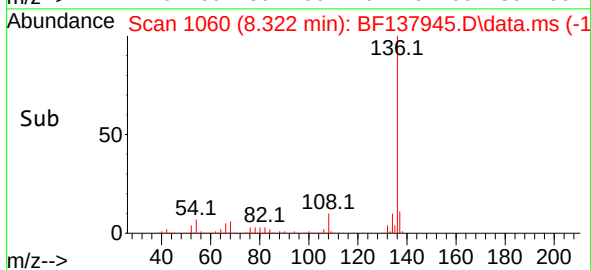
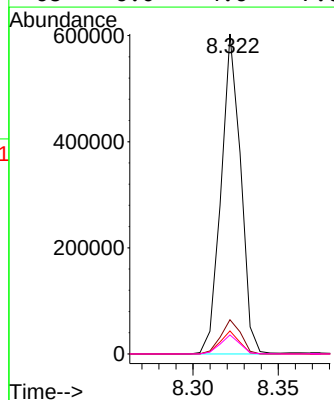
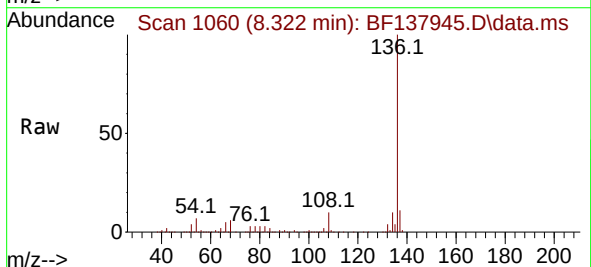
Instrument :
BNA_F
ClientSampleId :
TP-15

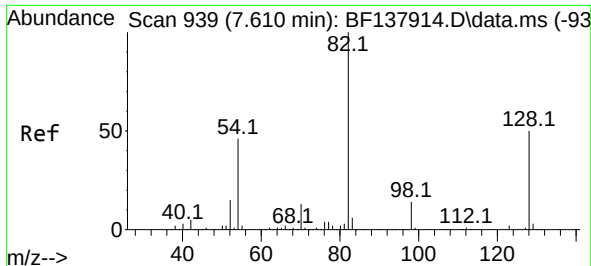
Tgt Ion: 99 Resp: 932783
Ion Ratio Lower Upper
99 100
42 15.0 12.6 18.8
71 32.8 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137945.D
Acq: 17 May 2024 21:42

Tgt Ion: 136 Resp: 482462
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.2 5.4 8.2
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 84.184 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137945.D

Acq: 17 May 2024 21:42

Instrument :

BNA_F

ClientSampleId :

TP-15

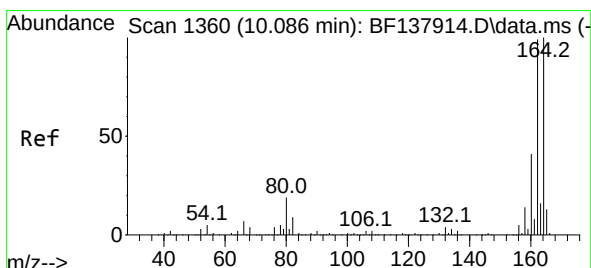
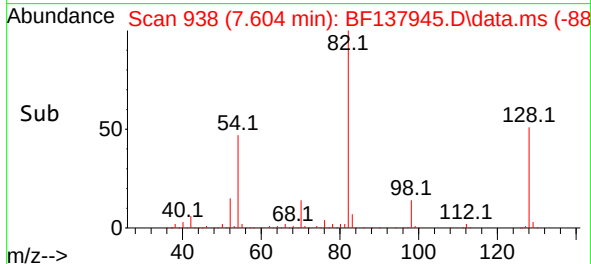
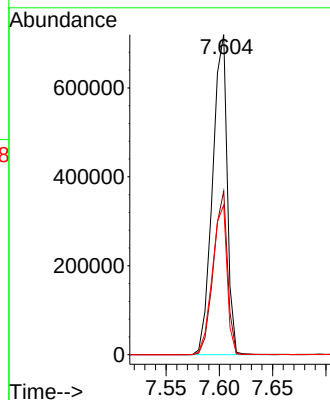
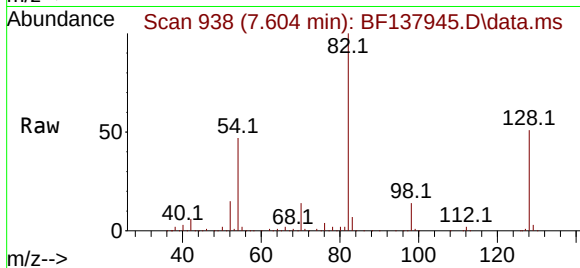
Tgt Ion: 82 Resp: 690153

Ion Ratio Lower Upper

82 100

128 51.1 40.3 60.5

54 46.8 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: BF137945.D

Acq: 17 May 2024 21:42

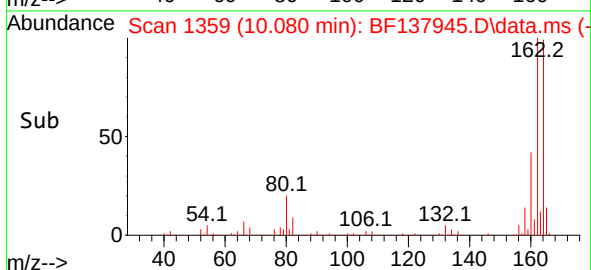
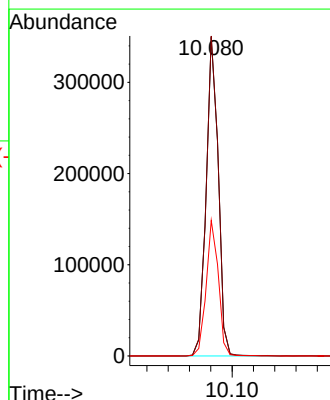
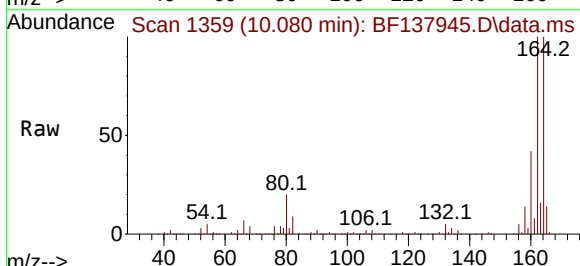
Tgt Ion:164 Resp: 276447

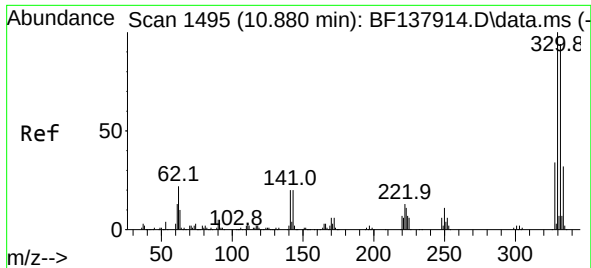
Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.2

160 42.5 33.1 49.7

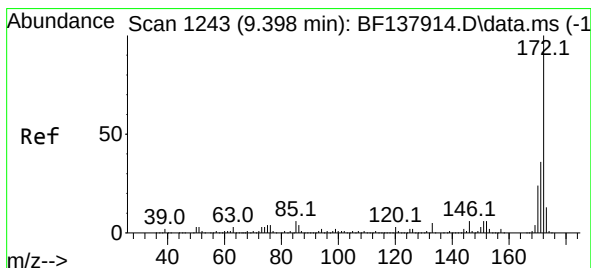
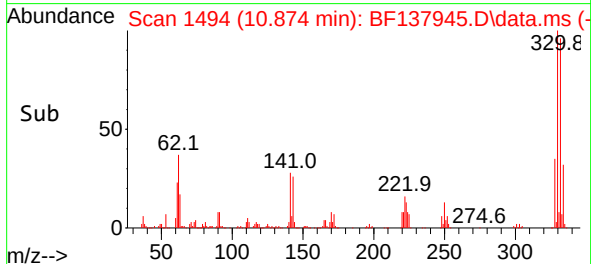
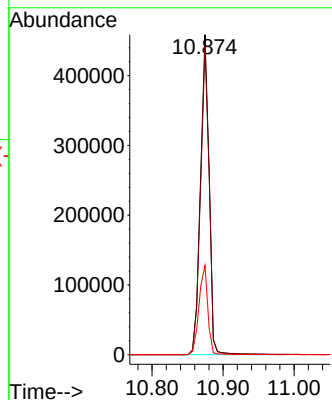
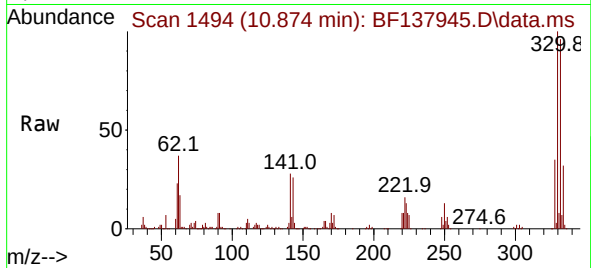




#42
2,4,6-Tribromophenol
Concen: 140.214 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137945.D
Acq: 17 May 2024 21:42

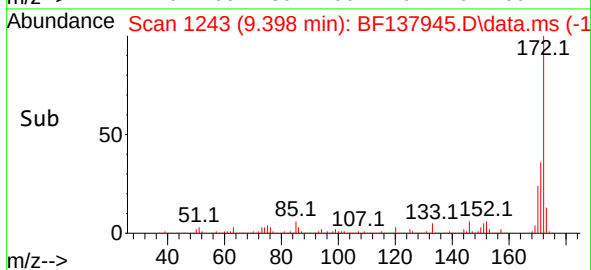
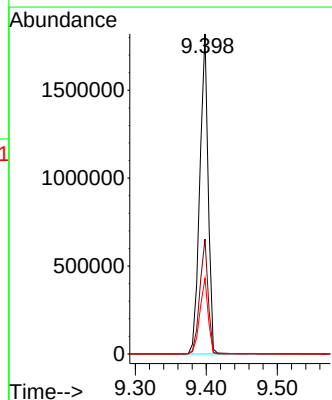
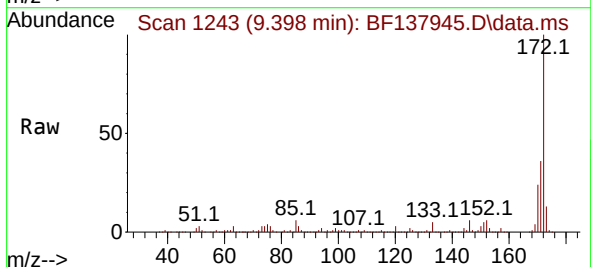
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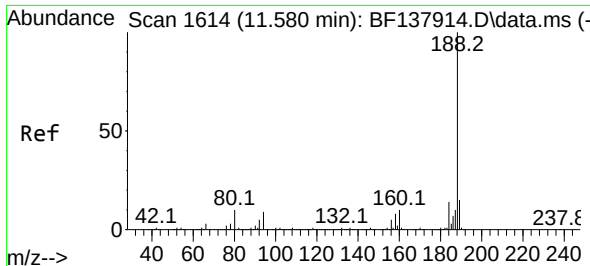
Tgt Ion:330 Resp: 390834
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.8
141 28.4 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 83.418 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF137945.D
Acq: 17 May 2024 21:42

Tgt Ion:172 Resp: 1497071
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.6 18.9 28.3

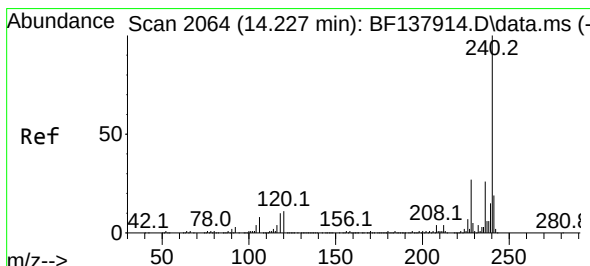
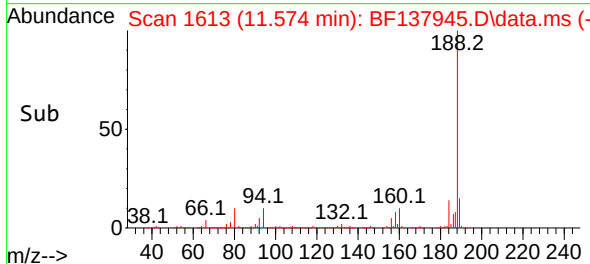
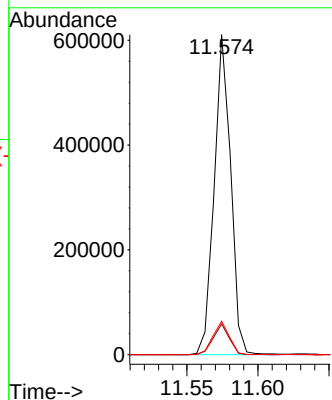
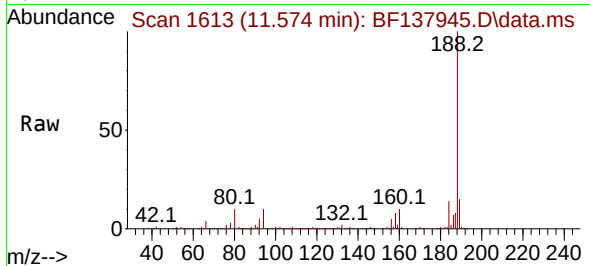




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137945.D
Acq: 17 May 2024 21:42

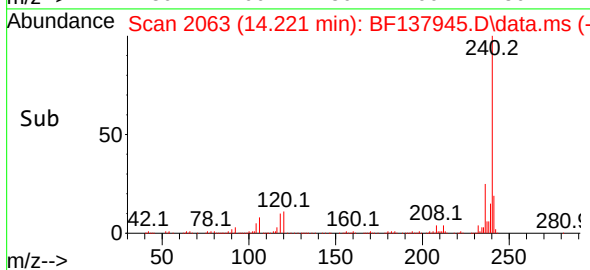
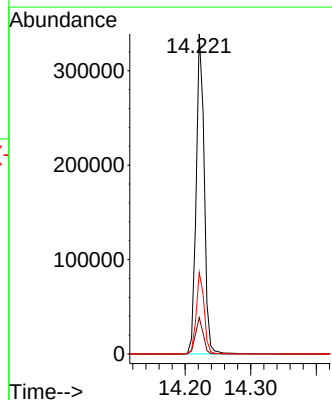
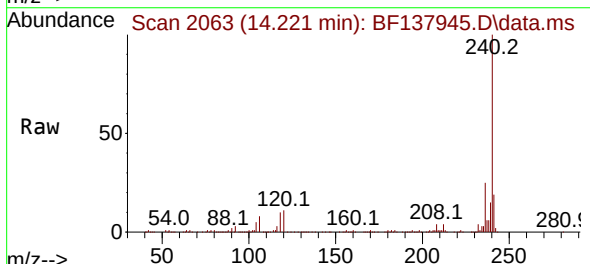
Instrument :
BNA_F
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TP-15

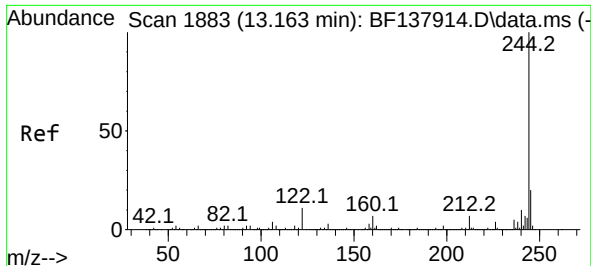
Tgt Ion:188 Resp: 493700
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137945.D
Acq: 17 May 2024 21:42

Tgt Ion:240 Resp: 289794
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.5 21.0 31.4

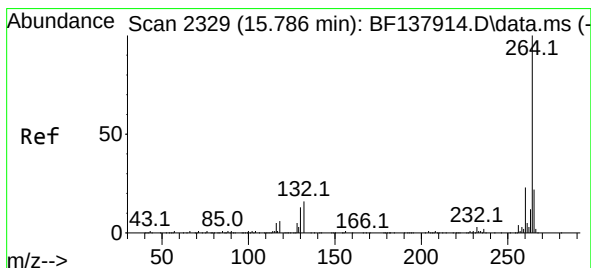
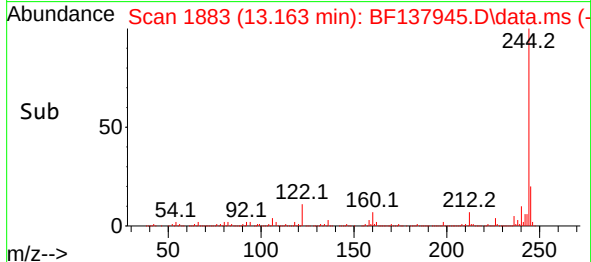
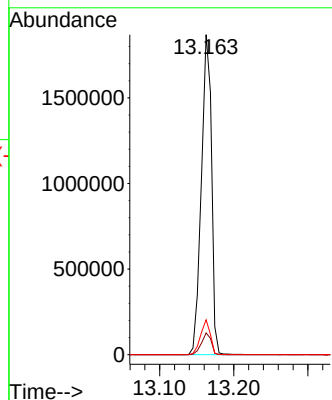
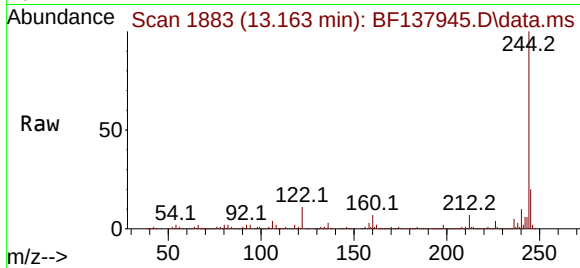




#79
 Terphenyl-d14
 Concen: 90.565 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137945.D
 Acq: 17 May 2024 21:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Tgt Ion:244 Resp: 1780775
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.9 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: BF137945.D
 Acq: 17 May 2024 21:42

Tgt Ion:264 Resp: 308708
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.3 27.5
 265 21.5 17.6 26.4

