

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137834.D
 Acq On : 03 May 2024 17:49
 Operator : CG\JU
 Sample : P2355-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16173

Quant Time: May 04 00:24:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	161100	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	658410	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	364250	20.000	ng	-0.02
64) Phenanthrene-d10	11.592	188	594343	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	261005	20.000	ng	#-0.01
86) Perylene-d12	15.804	264	133896	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1213689	126.137	ng	0.02
7) Phenol-d6	6.669	99	1378539	112.953	ng	0.00
23) Nitrobenzene-d5	7.616	82	1017631	89.796	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	547242	147.144	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2145672	95.568	ng	-0.01
79) Terphenyl-d14	13.180	244	1884285	120.986	ng	0.00

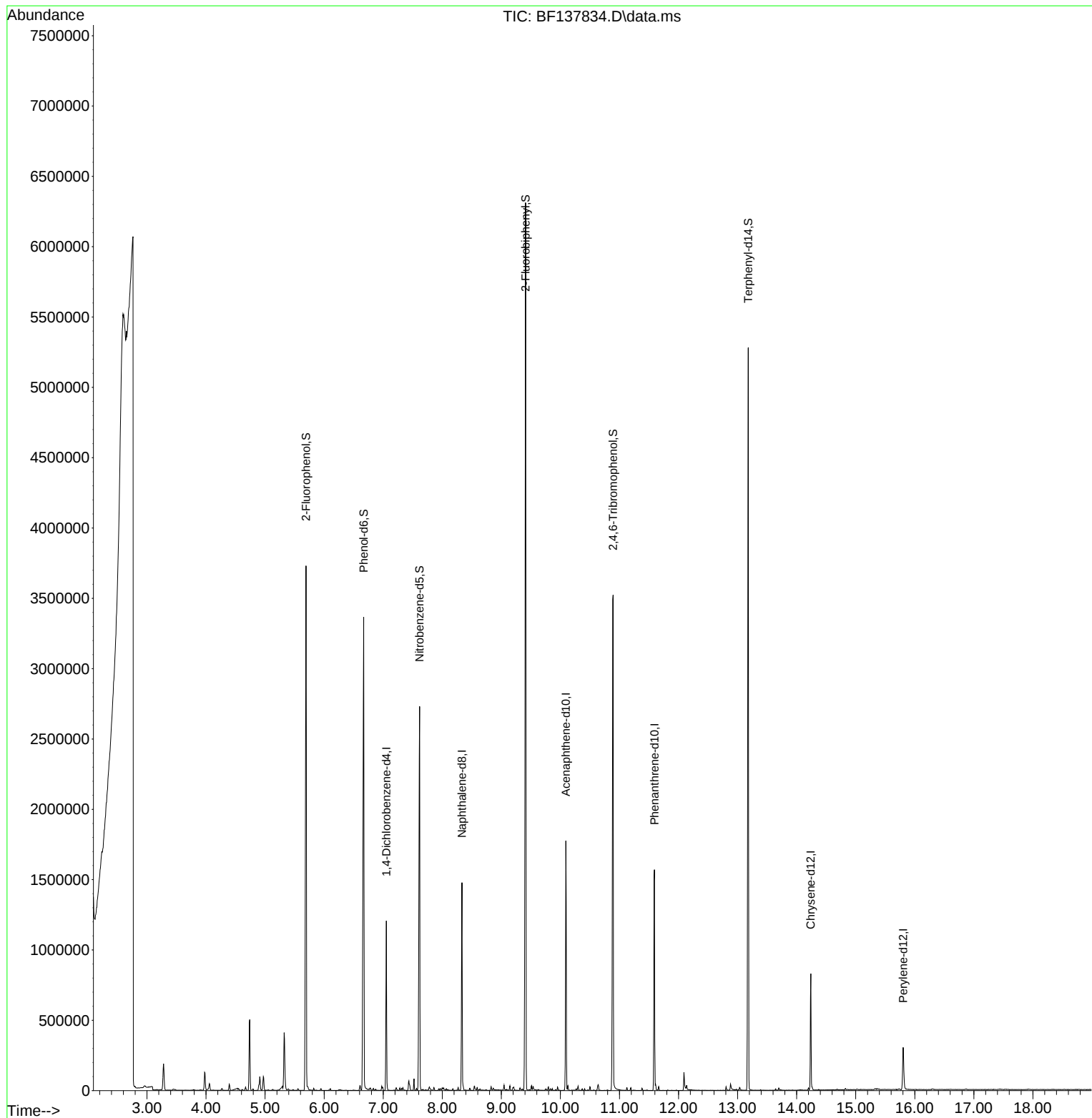
Target Compounds	Qvalue

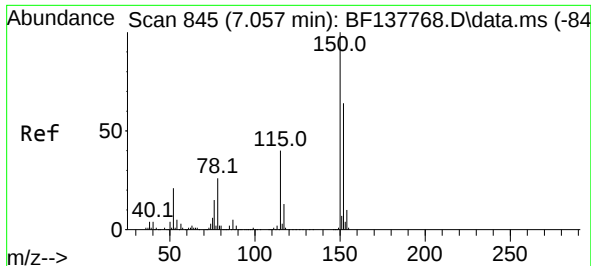
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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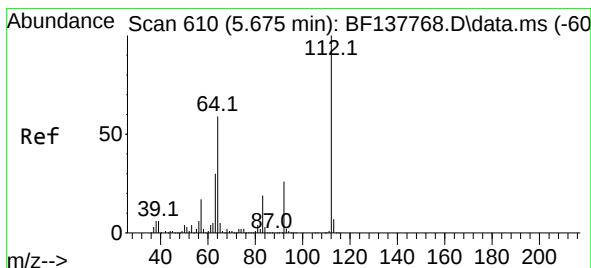
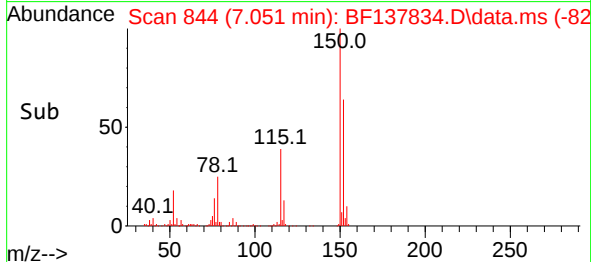
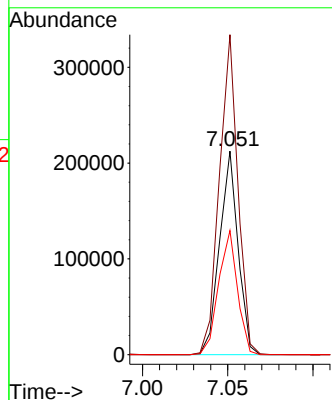
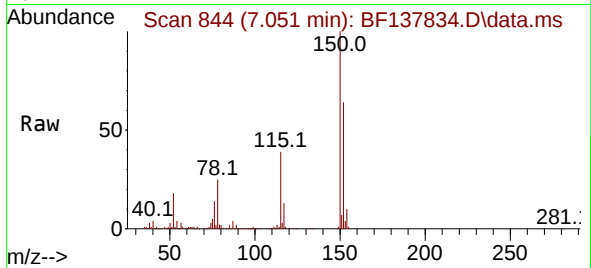




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

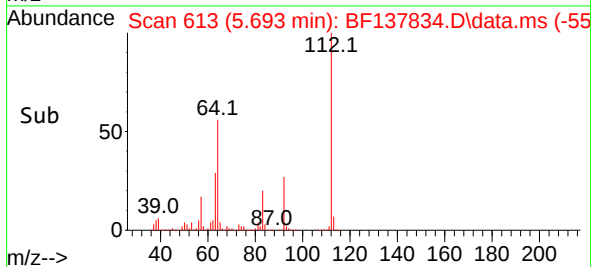
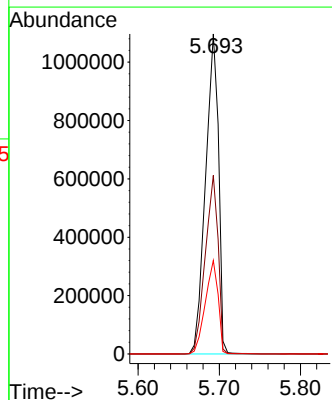
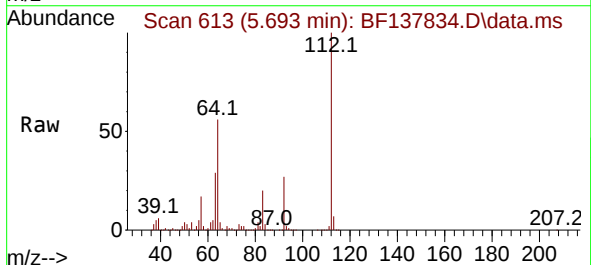
Instrument :
BNA_F
ClientSampleId :
VB16173

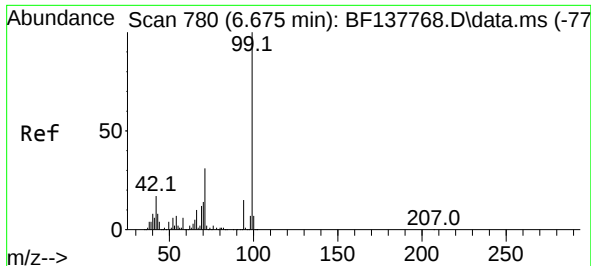
Tgt Ion:152 Resp: 161100
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 61.0 49.1 73.7



#5
2-Fluorophenol
Concen: 126.137 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

Tgt Ion:112 Resp: 1213689
Ion Ratio Lower Upper
112 100
64 55.8 47.3 70.9
63 29.2 23.7 35.5

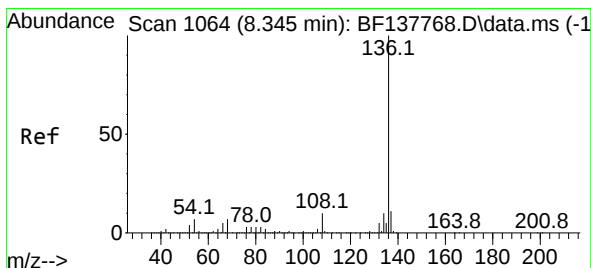
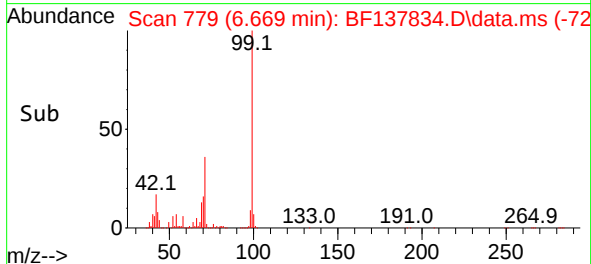
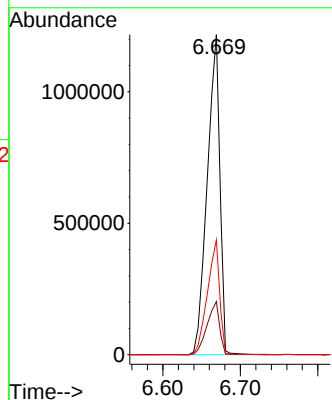
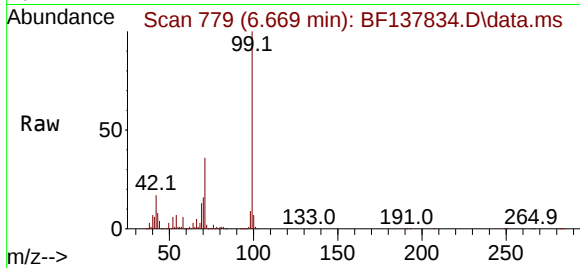




#7
Phenol-d6
Concen: 112.953 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

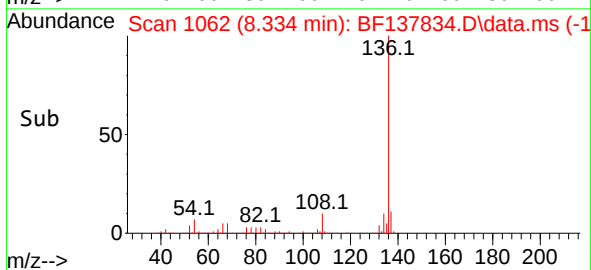
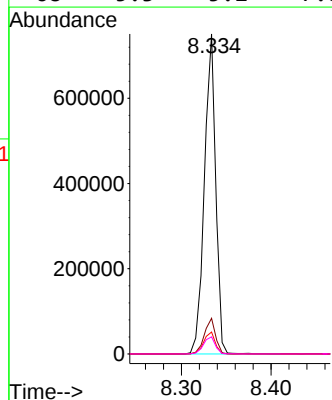
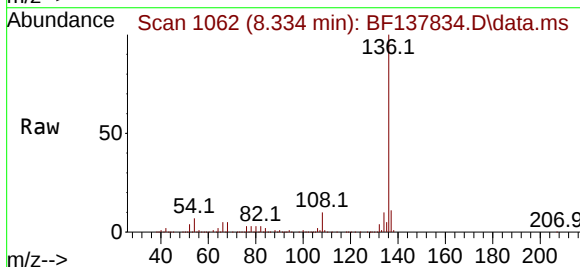
Instrument :
BNA_F
ClientSampleId :
VB16173

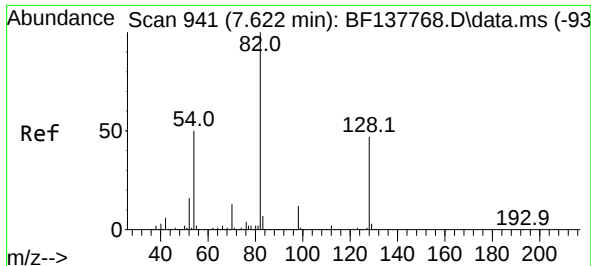
Tgt Ion: 99 Resp: 1378539
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 35.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

Tgt Ion: 136 Resp: 658410
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.9 5.8 8.8
68 5.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 89.796 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137834.D

Acq: 03 May 2024 17:49

Instrument :

BNA_F

ClientSampleId :

VB16173

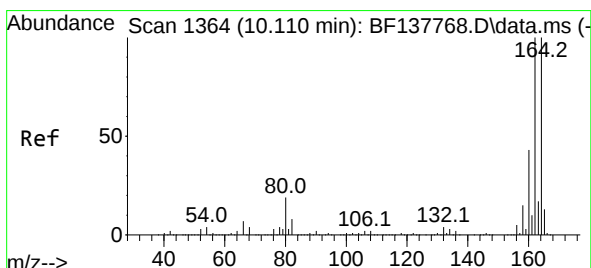
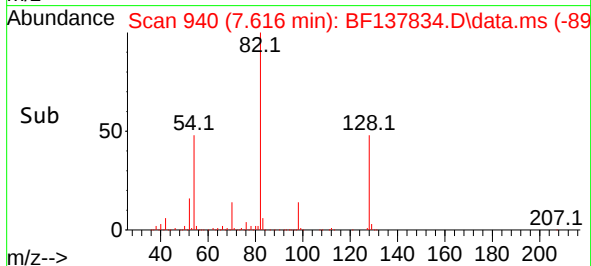
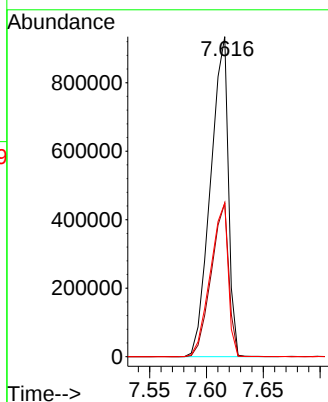
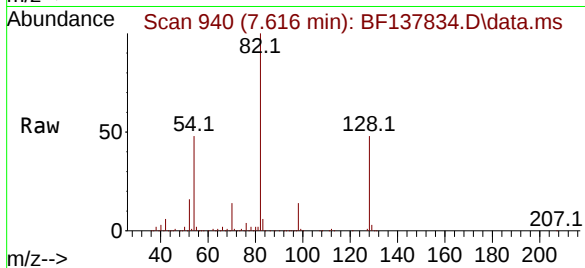
Tgt Ion: 82 Resp: 1017631

Ion Ratio Lower Upper

82 100

128 48.0 37.5 56.3

54 48.0 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.018 min

Lab File: BF137834.D

Acq: 03 May 2024 17:49

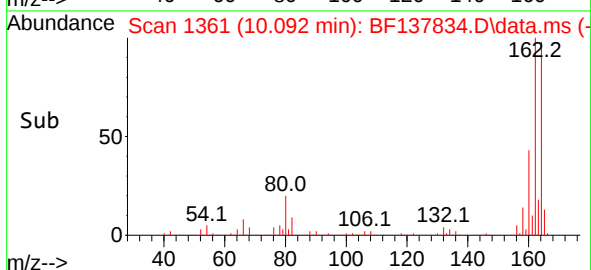
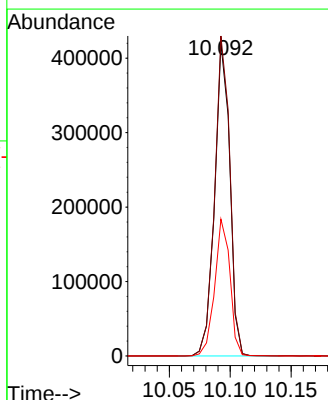
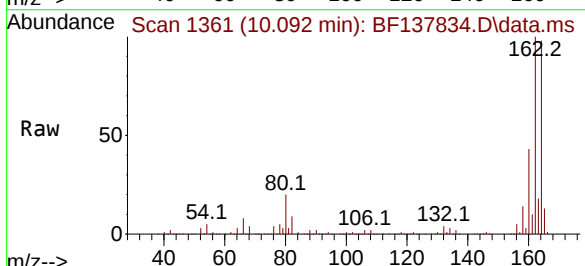
Tgt Ion: 164 Resp: 364250

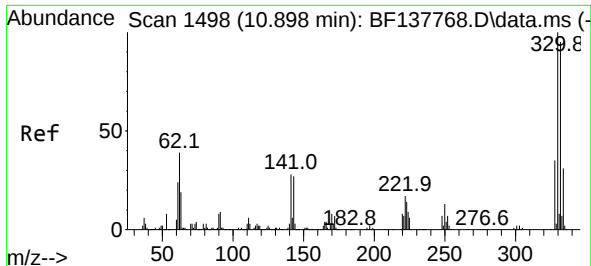
Ion Ratio Lower Upper

164 100

162 102.3 79.8 119.6

160 43.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 147.144 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137834.D

Acq: 03 May 2024 17:49

Instrument :

BNA_F

ClientSampleId :

VB16173

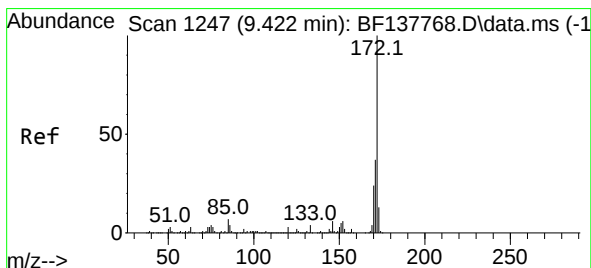
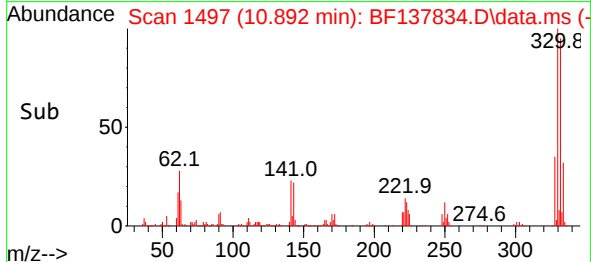
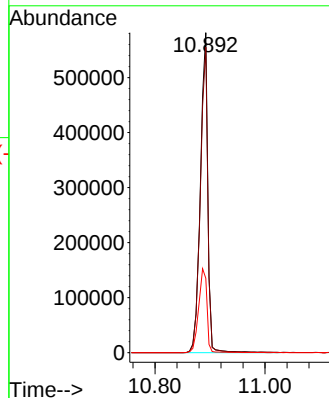
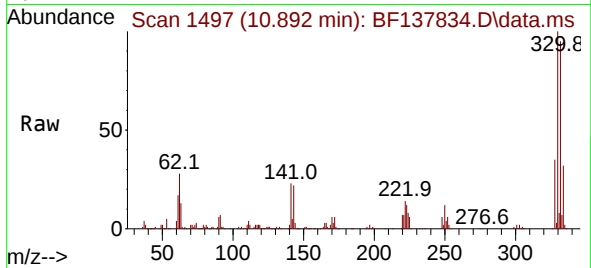
Tgt Ion:330 Resp: 547242

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 29.5 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 95.568 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137834.D

Acq: 03 May 2024 17:49

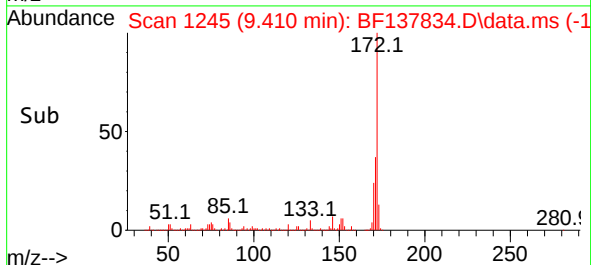
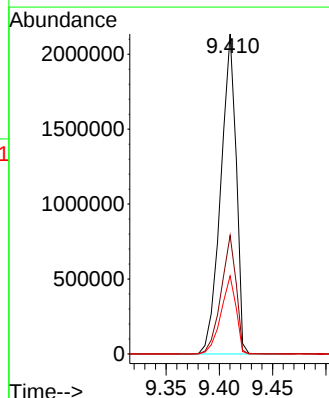
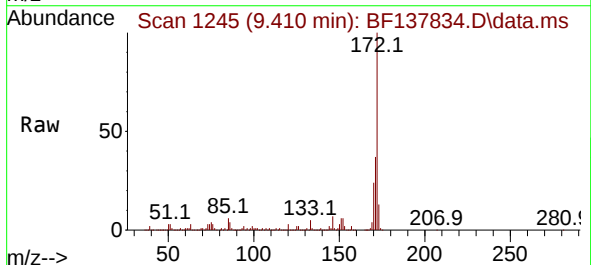
Tgt Ion:172 Resp: 2145672

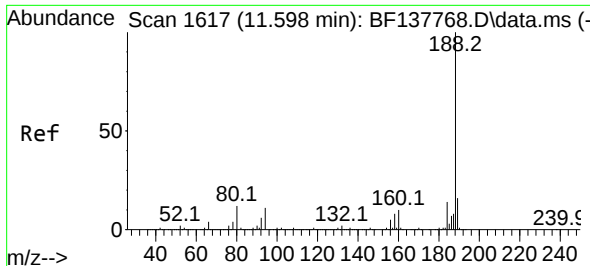
Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

170 24.4 19.4 29.2

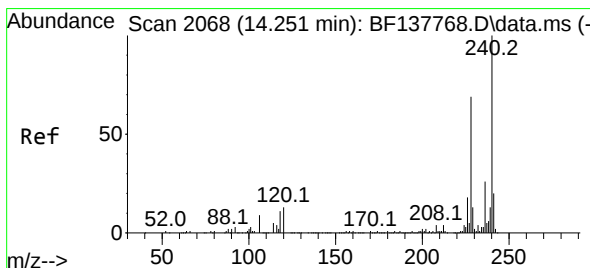
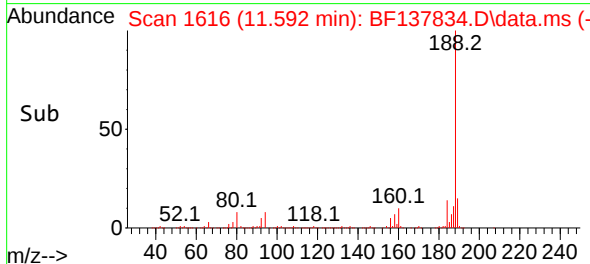
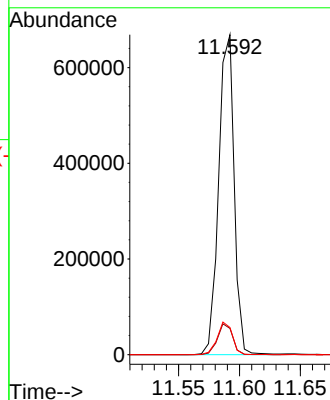
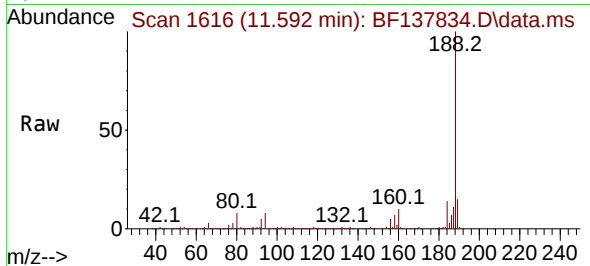




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

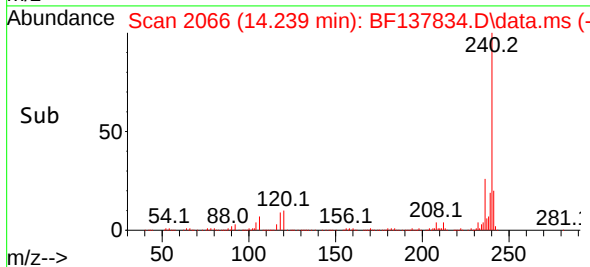
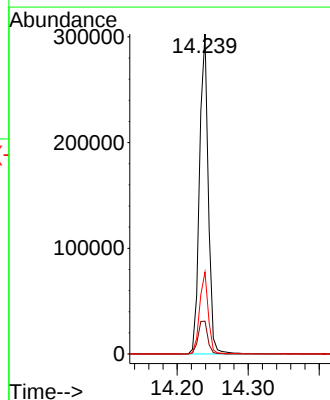
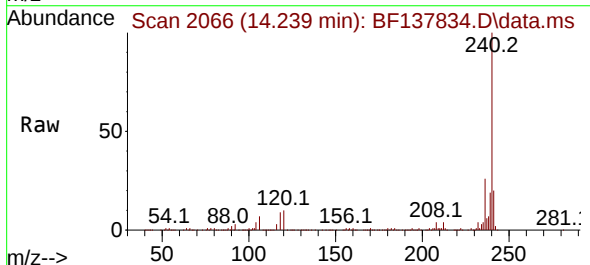
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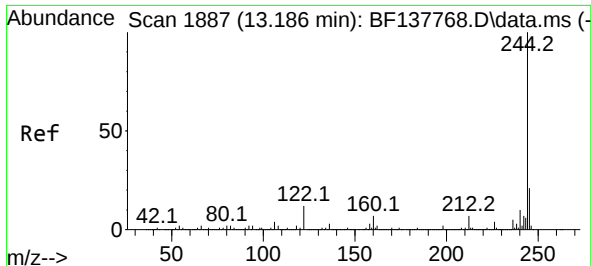
Tgt Ion:188 Resp: 594343
Ion Ratio Lower Upper
188 100
94 8.2 8.8 13.2#
80 8.5 9.6 14.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137834.D
Acq: 03 May 2024 17:49

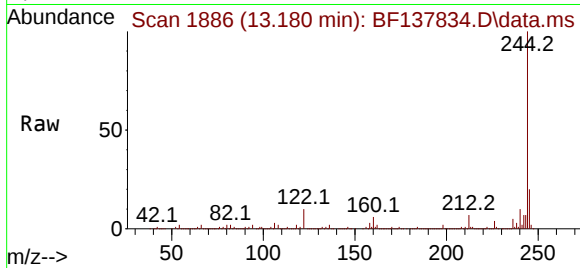
Tgt Ion:240 Resp: 261005
Ion Ratio Lower Upper
240 100
120 10.3 10.4 15.6#
236 25.6 20.4 30.6





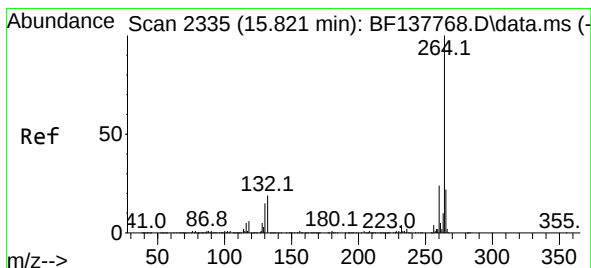
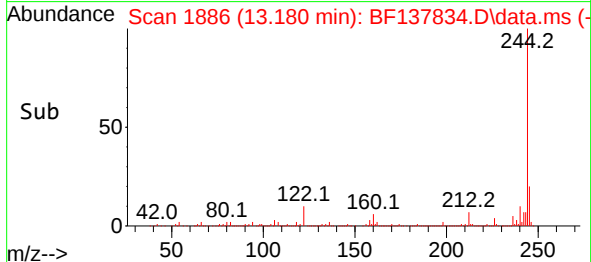
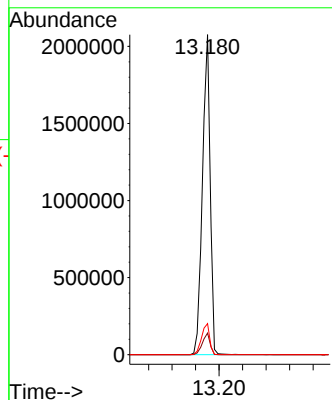
#79
 Terphenyl-d14
 Concen: 120.986 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137834.D
 Acq: 03 May 2024 17:49

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1884285

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	9.7	9.4	14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.804 min Scan# 2332
 Delta R.T. -0.018 min
 Lab File: BF137834.D
 Acq: 03 May 2024 17:49

Tgt Ion:264 Resp: 133896

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	20.4	17.4	26.0

