

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050624\
Data File : BF137838.D
Acq On : 06 May 2024 12:48
Operator : CG\JU
Sample : PB160665BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160665BL

Quant Time: May 06 13:28:47 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	7.046	152	143783	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	577843	20.000	ng	#-0.01
39) Acenaphthene-d10	10.092	164	330397	20.000	ng	-0.02
64) Phenanthrene-d10	11.587	188	604921	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	461774	20.000	ng	#-0.01
86) Perylene-d12	15.804	264	372247	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1101267	128.238	ng	0.01
7) Phenol-d6	6.663	99	1351895	124.111	ng	-0.01
23) Nitrobenzene-d5	7.610	82	841317	84.589	ng	-0.01
42) 2,4,6-Tribromophenol	10.887	330	449156	133.145	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1781738	87.489	ng	-0.01
79) Terphenyl-d14	13.181	244	2261209	82.063	ng	0.00

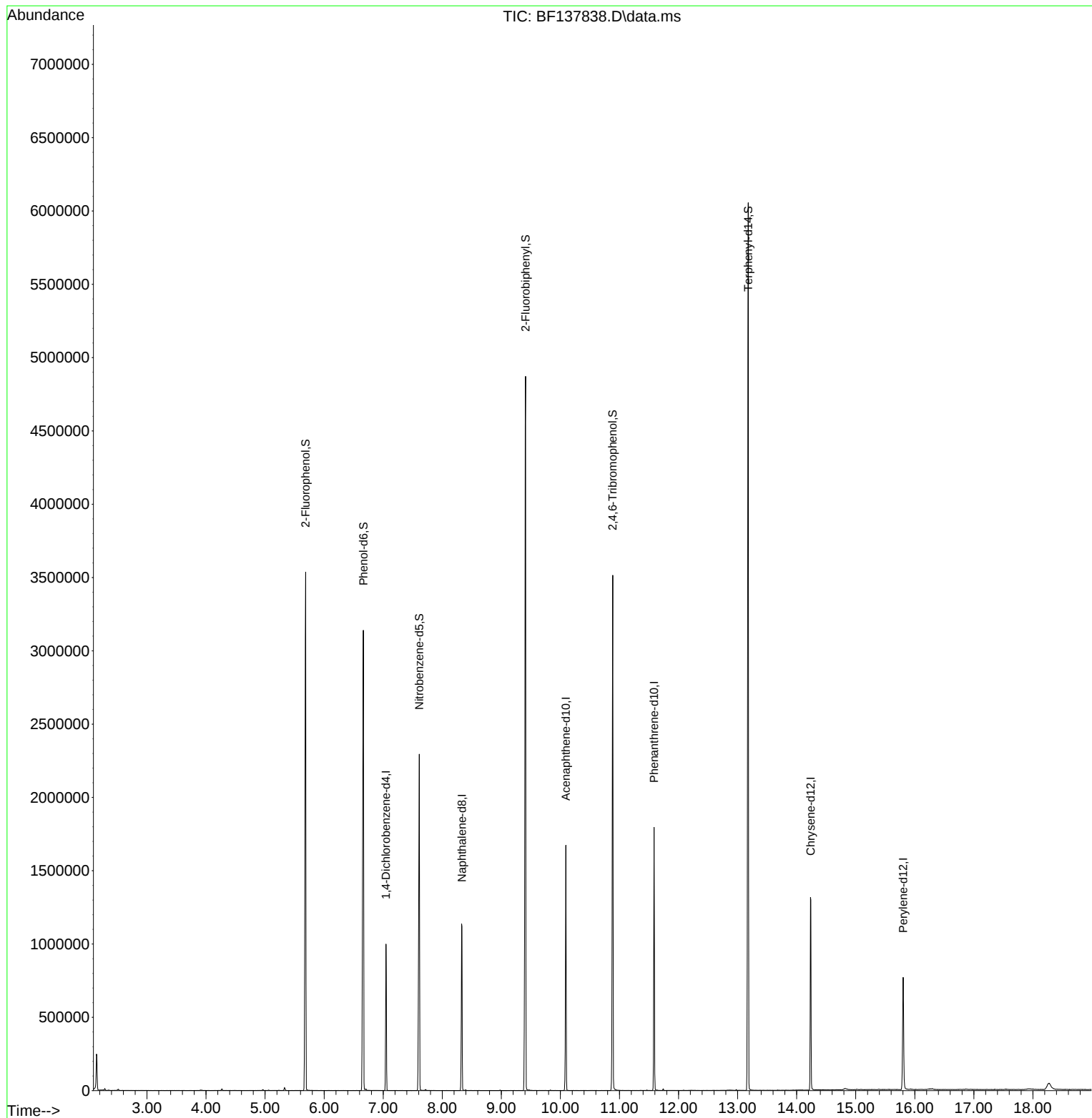
Target Compounds	Qvalue
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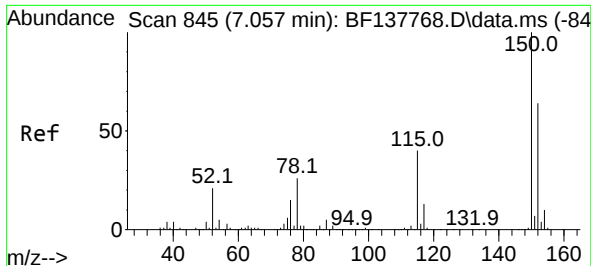
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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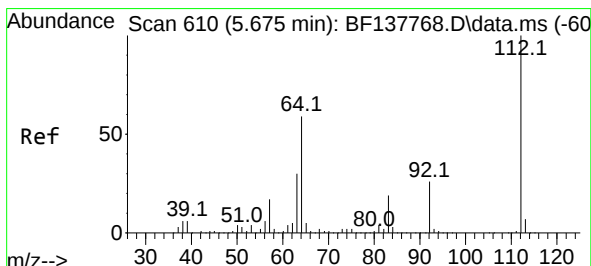
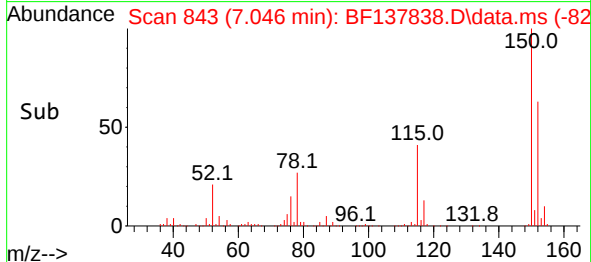
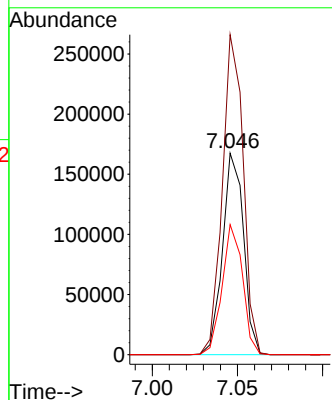
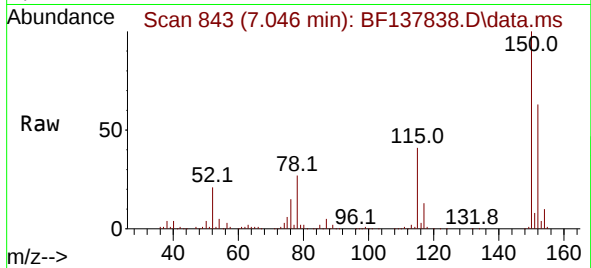




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.046 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137838.D
Acq: 06 May 2024 12:48

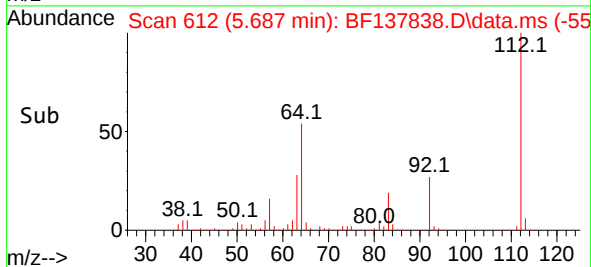
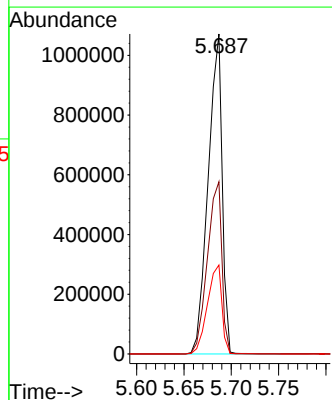
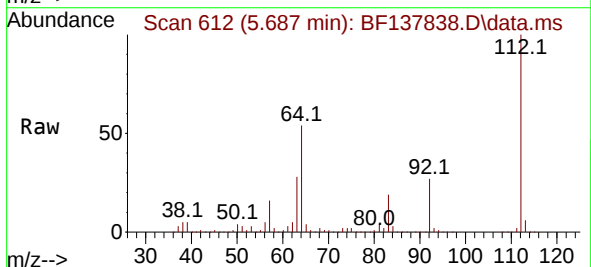
Instrument :
BNA_F
ClientSampleId :
PB160665BL

Tgt Ion:152 Resp: 143783
Ion Ratio Lower Upper
152 100
150 158.8 124.1 186.1
115 64.6 49.1 73.7



#5
2-Fluorophenol
Concen: 128.238 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137838.D
Acq: 06 May 2024 12:48

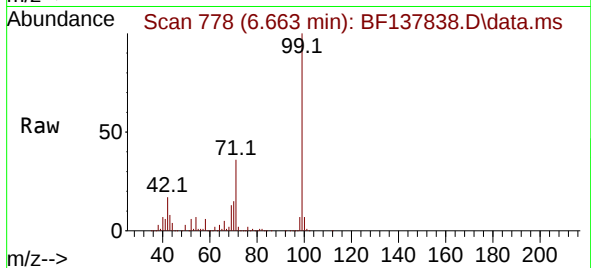
Tgt Ion:112 Resp: 1101267
Ion Ratio Lower Upper
112 100
64 53.8 47.3 70.9
63 27.8 23.7 35.5





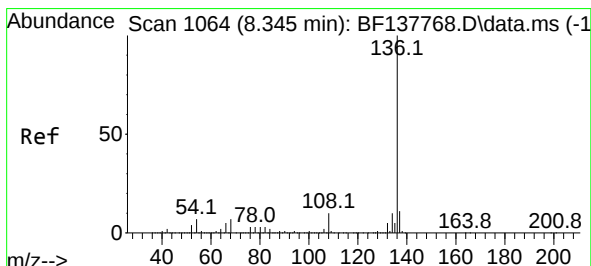
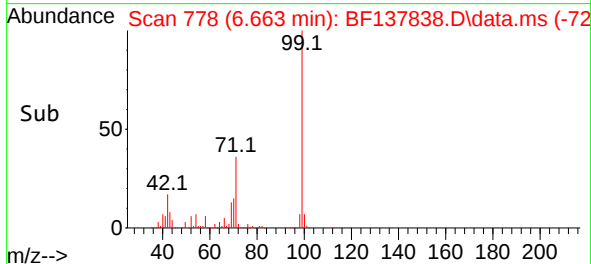
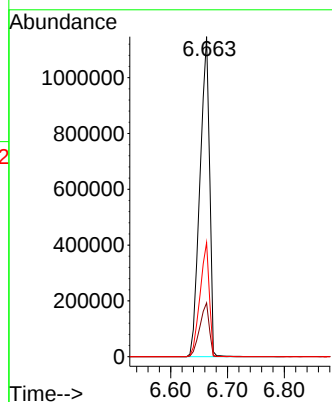
#7
Phenol-d6
Concen: 124.111 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137838.D
Acq: 06 May 2024 12:48

Instrument :
BNA_F
ClientSampleId :
PB160665BL



Tgt Ion: 99 Resp: 1351895

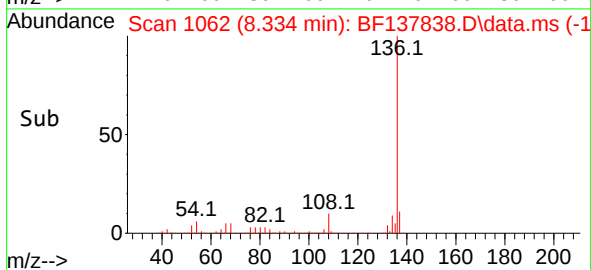
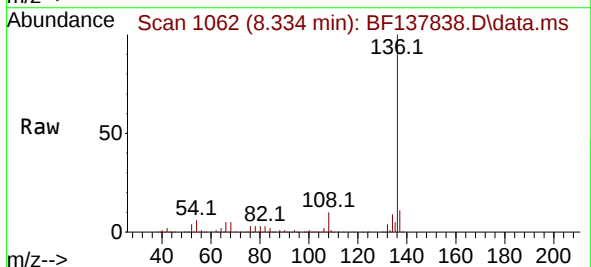
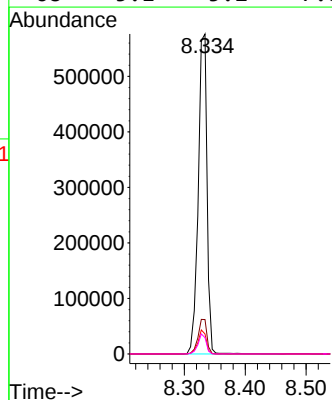
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.2	19.8
71	35.6	25.0	37.4

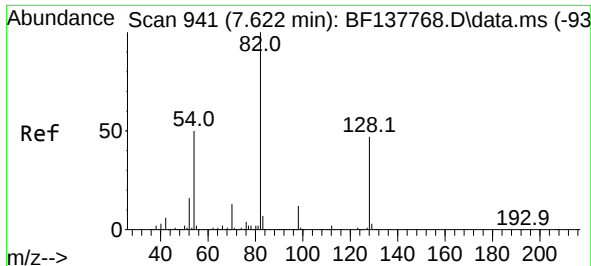


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137838.D
Acq: 06 May 2024 12:48

Tgt Ion: 136 Resp: 577843

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.3	5.8	8.8
68	5.1	5.2	7.8





#23

Nitrobenzene-d5

Concen: 84.589 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137838.D

Acq: 06 May 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB160665BL

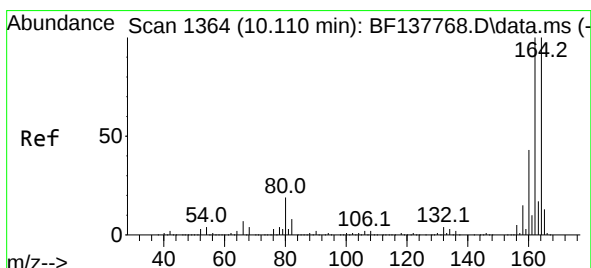
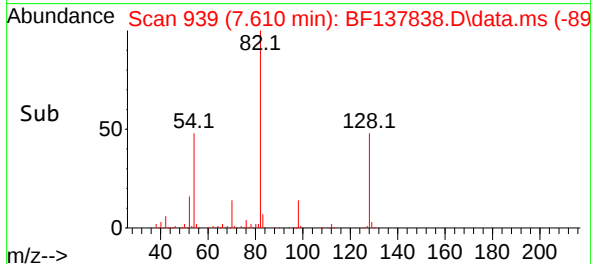
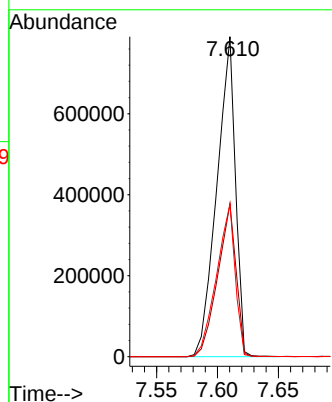
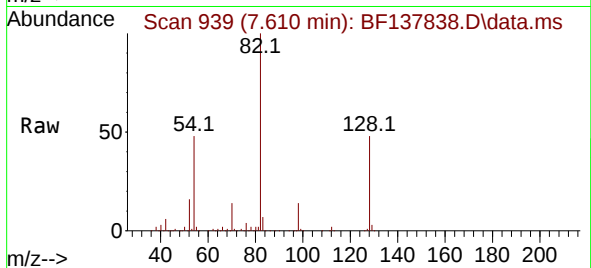
Tgt Ion: 82 Resp: 841317

Ion Ratio Lower Upper

82 100

128 47.8 37.5 56.3

54 47.7 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.017 min

Lab File: BF137838.D

Acq: 06 May 2024 12:48

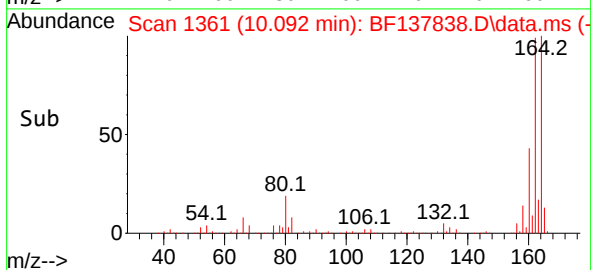
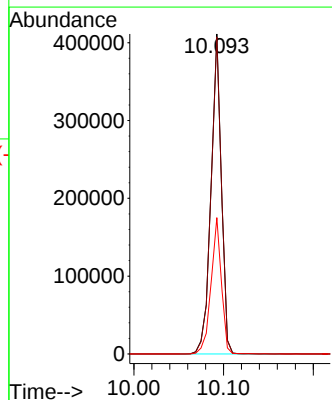
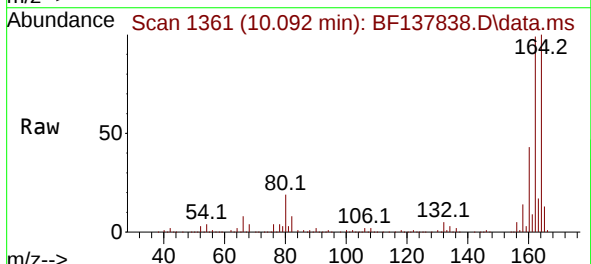
Tgt Ion: 164 Resp: 330397

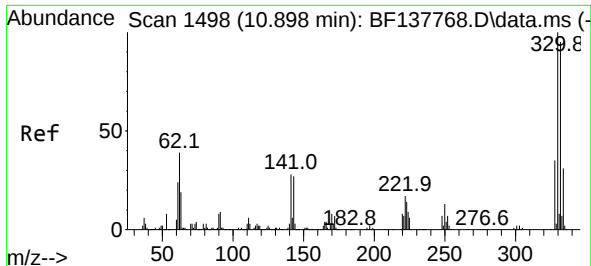
Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.6

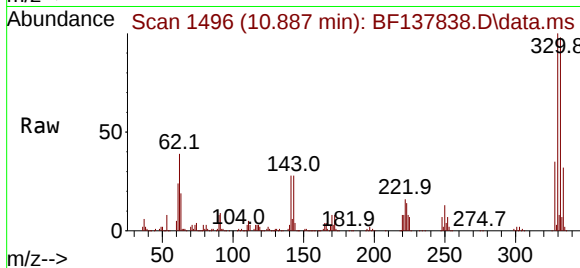
160 42.6 34.4 51.6



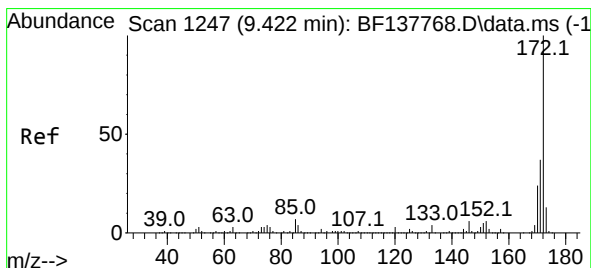
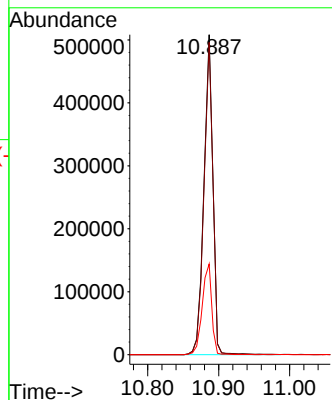
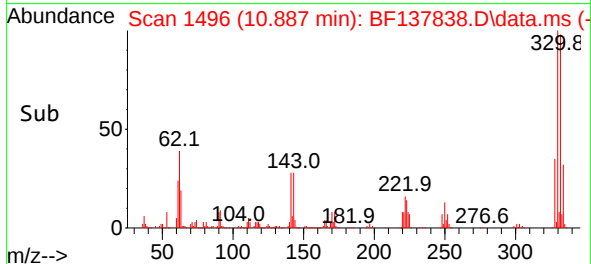


#42
2,4,6-Tribromophenol
Concen: 133.145 ng
RT: 10.887 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF137838.D
Acq: 06 May 2024 12:48

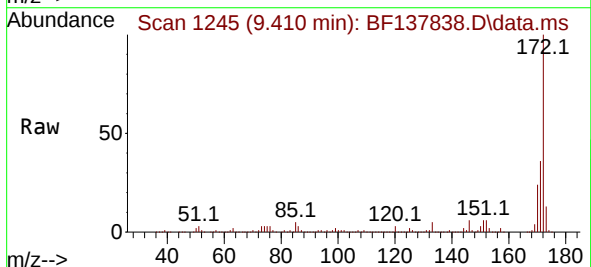
Instrument :
BNA_F
ClientSampleId :
PB160665BL



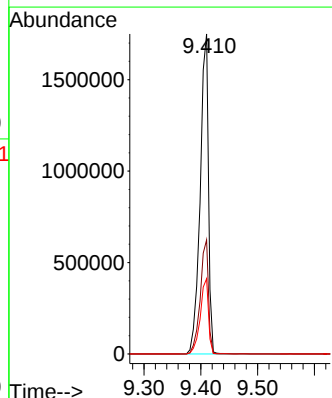
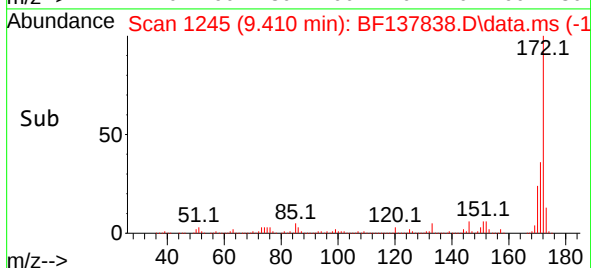
Tgt Ion:330 Resp: 449156
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 30.1 23.8 35.6

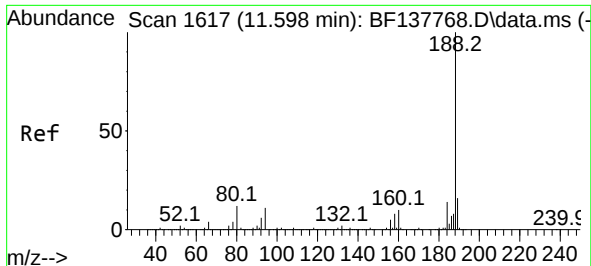


#45
2-Fluorobiphenyl
Concen: 87.489 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137838.D
Acq: 06 May 2024 12:48



Tgt Ion:172 Resp: 1781738
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.5 19.4 29.2

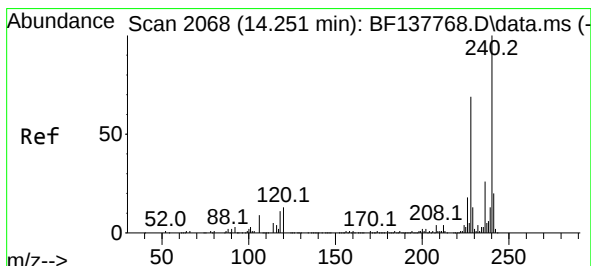
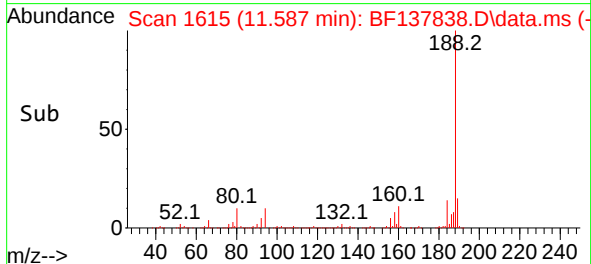
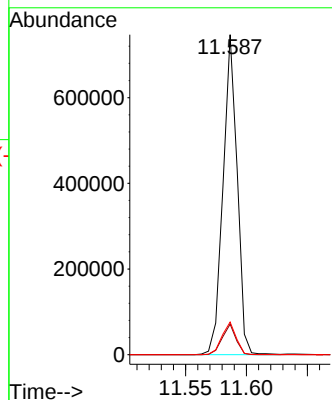
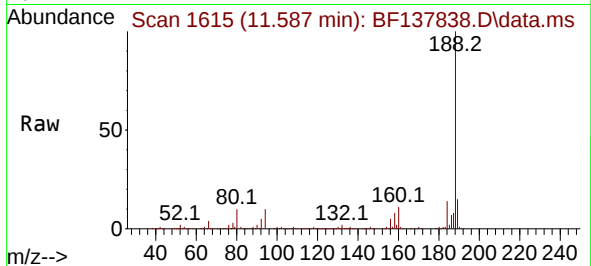




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.587 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF137838.D
Acq: 06 May 2024 12:48

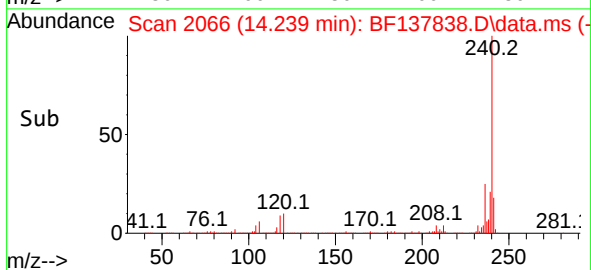
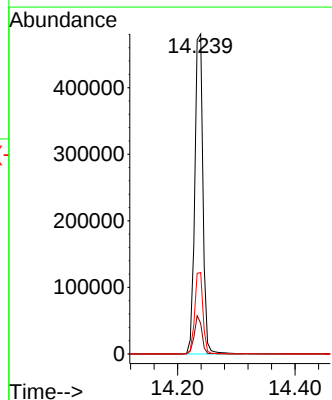
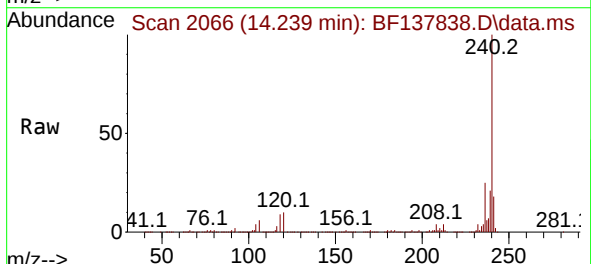
Instrument :
BNA_F
ClientSampleId :
PB160665BL

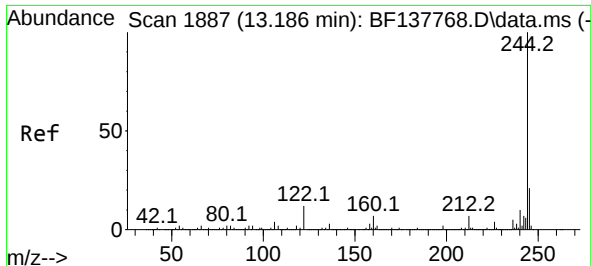
Tgt Ion:188 Resp: 604921
Ion Ratio Lower Upper
188 100
94 9.6 8.8 13.2
80 10.2 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137838.D
Acq: 06 May 2024 12:48

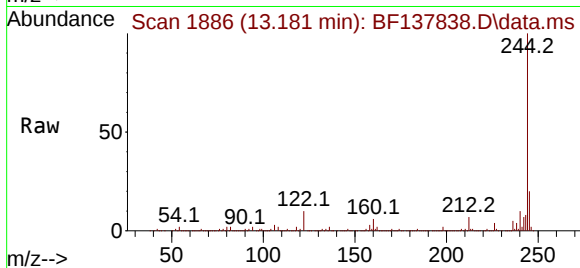
Tgt Ion:240 Resp: 461774
Ion Ratio Lower Upper
240 100
120 9.6 10.4 15.6#
236 25.5 20.4 30.6



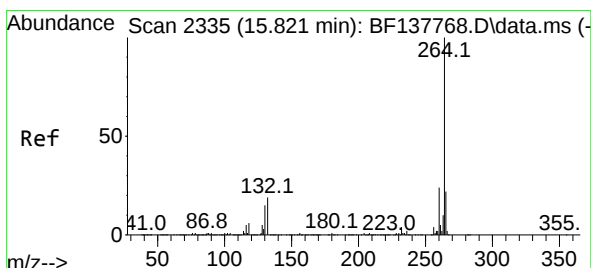
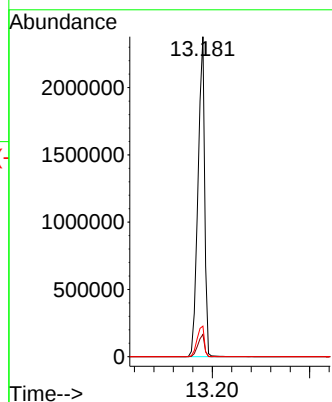
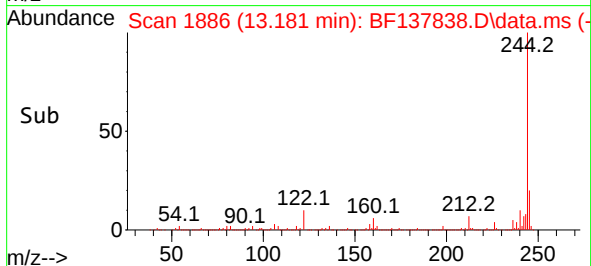


#79
 Terphenyl-d14
 Concen: 82.063 ng
 RT: 13.181 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

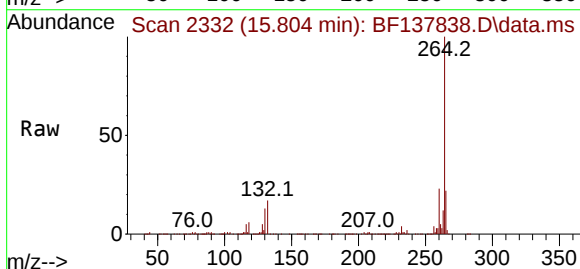
Instrument :
 BNA_F
 ClientSampleId :
 PB160665BL



Tgt Ion:244 Resp: 2261209
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 9.6 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.804 min Scan# 2332
 Delta R.T. -0.017 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48



Tgt Ion:264 Resp: 372247
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.8 17.4 26.0

