

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050824\
 Data File : BF137851.D
 Acq On : 08 May 2024 12:34
 Operator : CG\JU
 Sample : PB160756BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160756BL

Quant Time: May 08 13:22:46 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	167215	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	674894	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	401801	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	745810	20.000	ng	0.00
76) Chrysene-d12	14.245	240	514020	20.000	ng	# 0.00
86) Perylene-d12	15.816	264	387993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1298938	130.060	ng	0.01
7) Phenol-d6	6.669	99	1591239	125.613	ng	0.00
23) Nitrobenzene-d5	7.610	82	1026482	88.365	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	583378	142.201	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2195760	88.659	ng	-0.01
79) Terphenyl-d14	13.186	244	2774290	90.450	ng	0.00

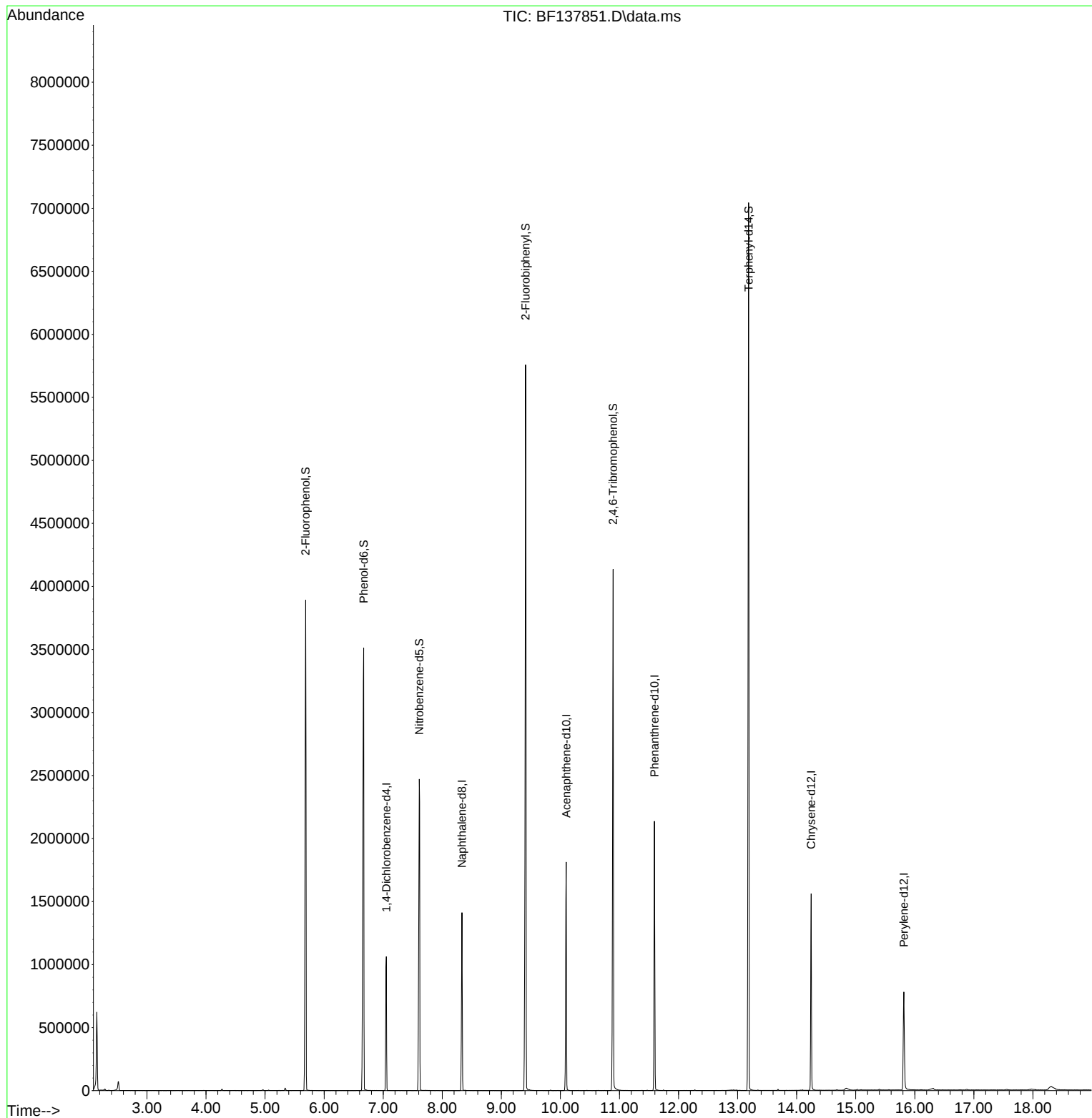
Target Compounds	Qvalue

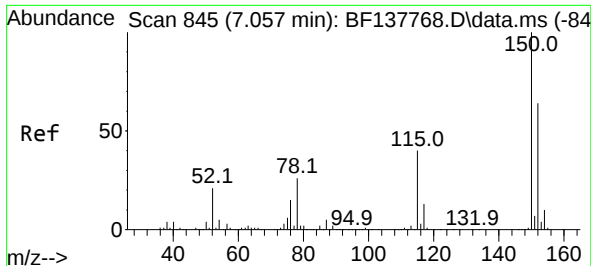
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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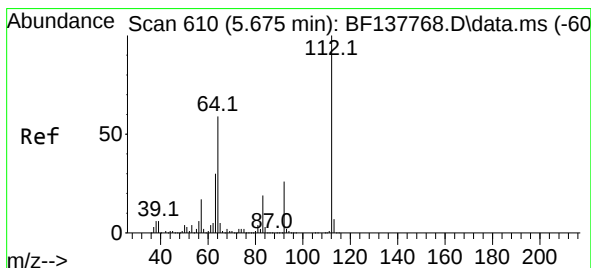
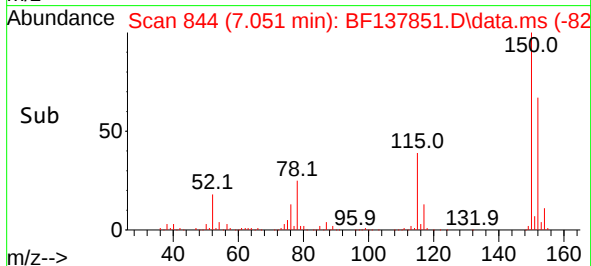
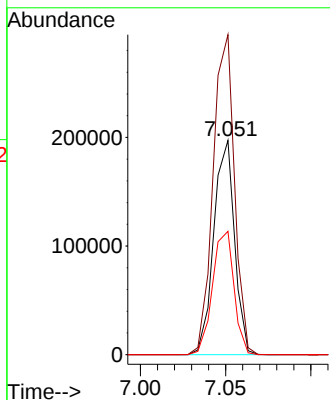
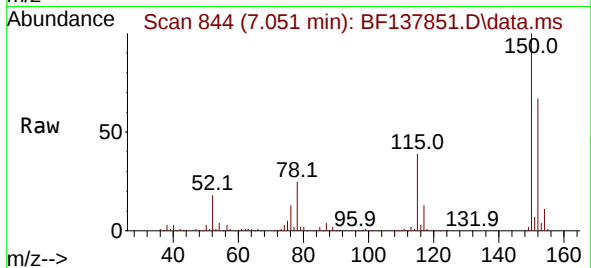




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

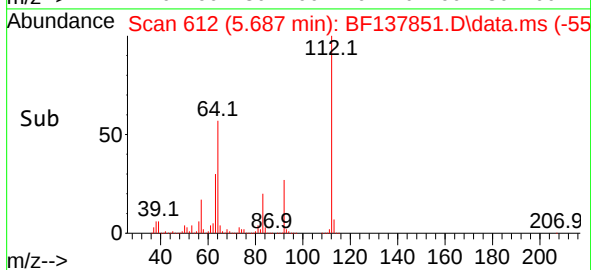
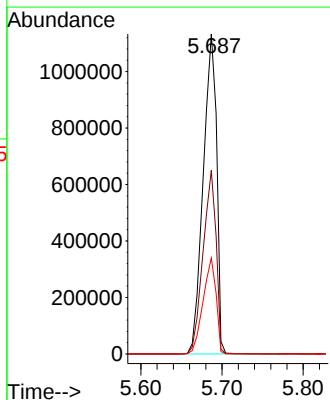
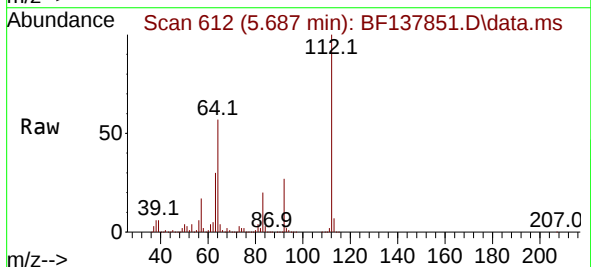
Instrument :
BNA_F
ClientSampleId :
PB160756BL

Tgt Ion:152 Resp: 167215
Ion Ratio Lower Upper
152 100
150 149.4 124.1 186.1
115 57.6 49.1 73.7



#5
2-Fluorophenol
Concen: 130.060 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

Tgt Ion:112 Resp: 1298938
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 30.0 23.7 35.5



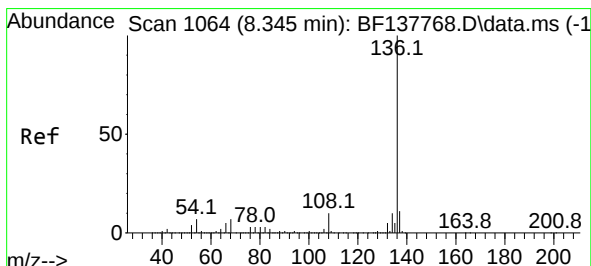
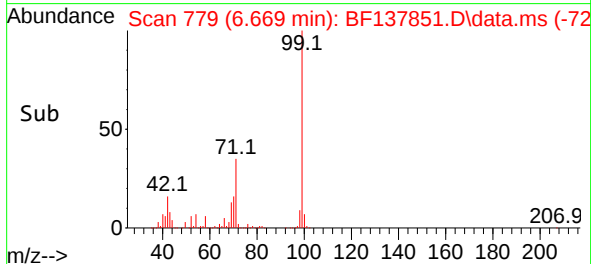
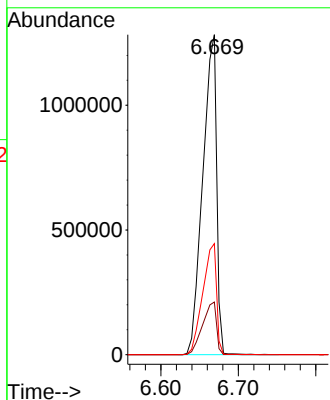
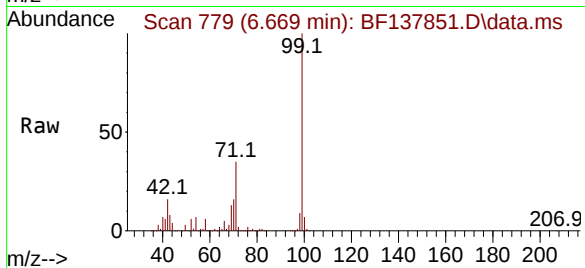


#7
Phenol-d6
Concen: 125.613 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB160756BL

Tgt Ion: 99 Resp: 1591239

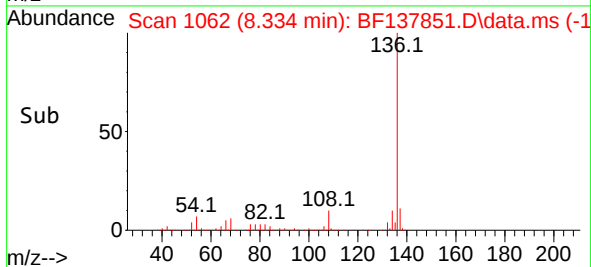
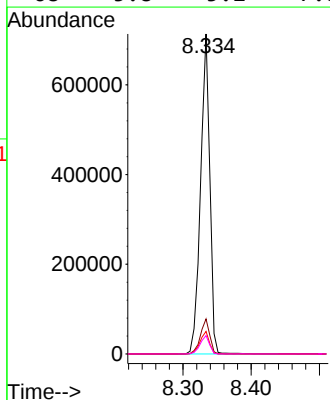
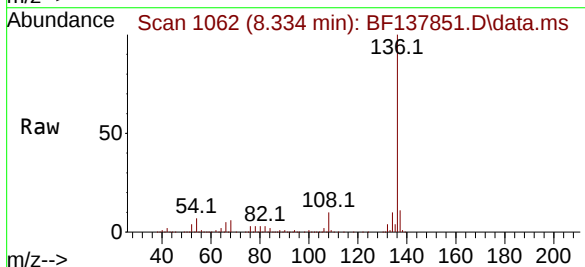
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.2	19.8
71	34.7	25.0	37.4

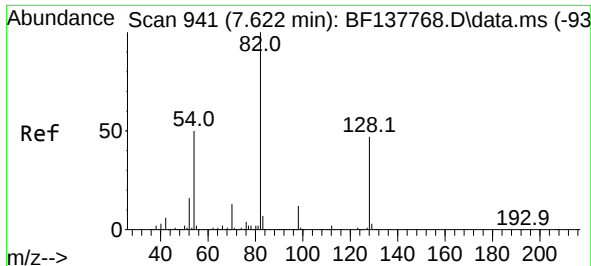


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

Tgt Ion: 136 Resp: 674894

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	5.8	8.8
68	5.8	5.2	7.8

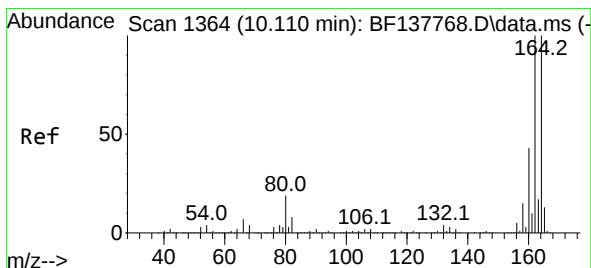
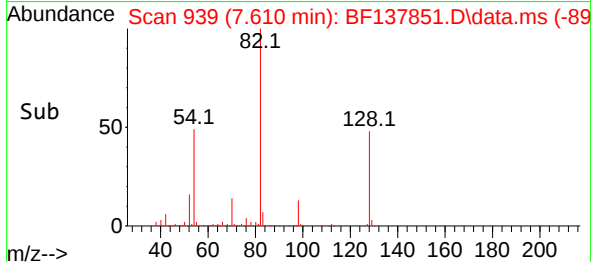
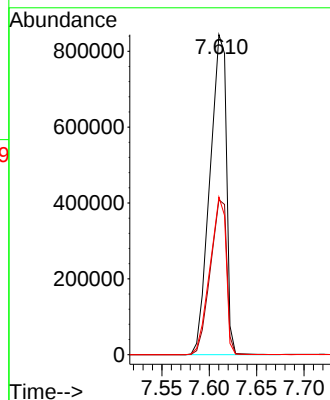
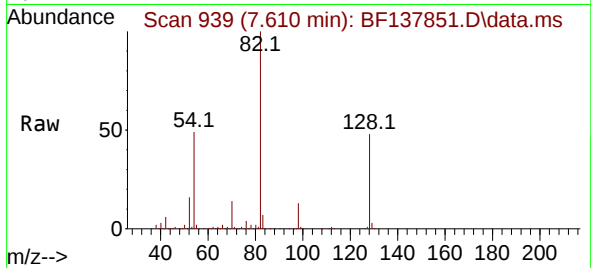




#23
Nitrobenzene-d5
Concen: 88.365 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

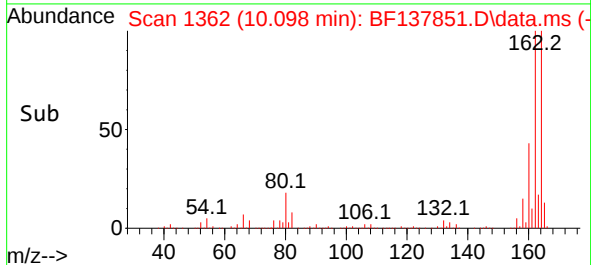
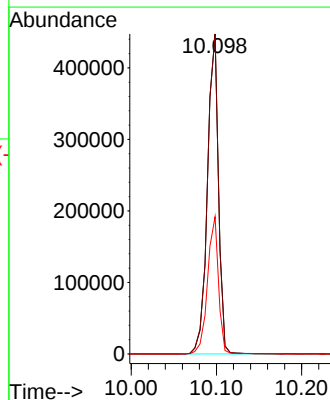
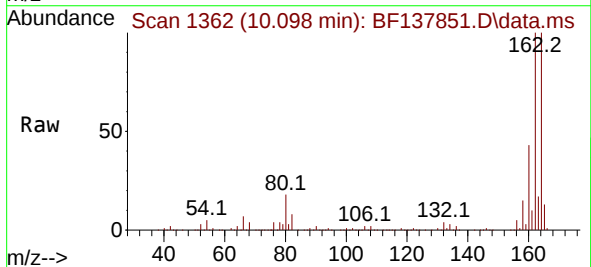
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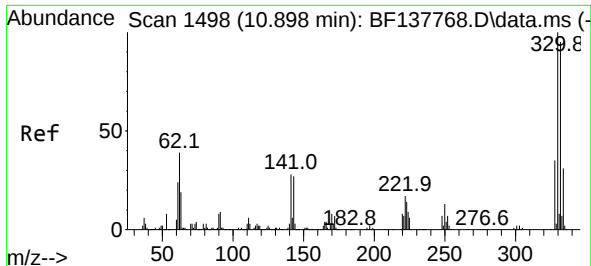
Tgt Ion: 82 Resp: 1026482
Ion Ratio Lower Upper
82 100
128 48.4 37.5 56.3
54 49.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

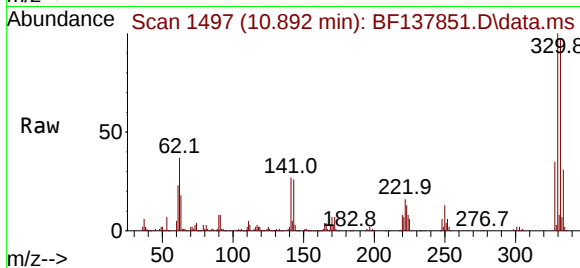
Tgt Ion: 164 Resp: 401801
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.6
160 42.9 34.4 51.6



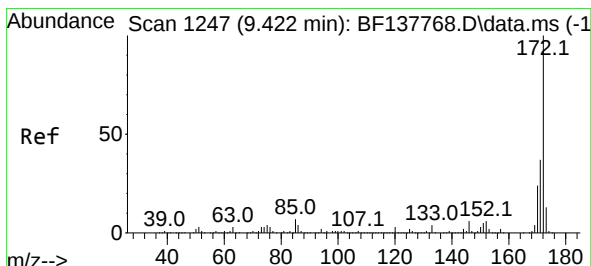
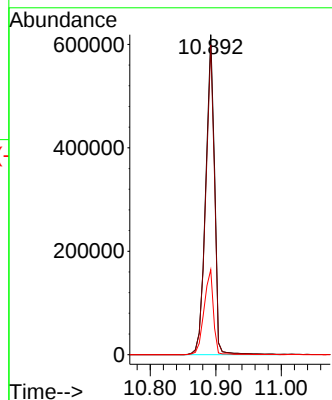
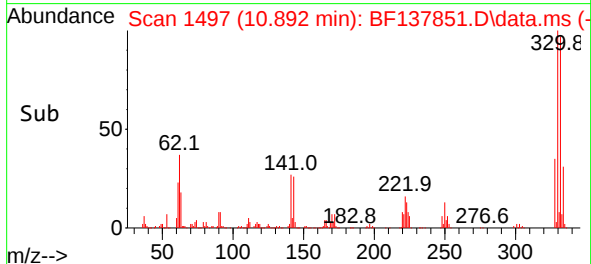


#42
2,4,6-Tribromophenol
Concen: 142.201 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

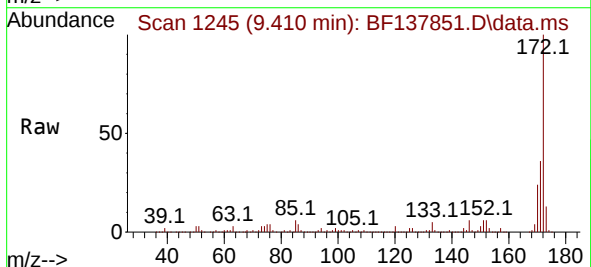
Instrument :
BNA_F
ClientSampleId :
PB160756BL



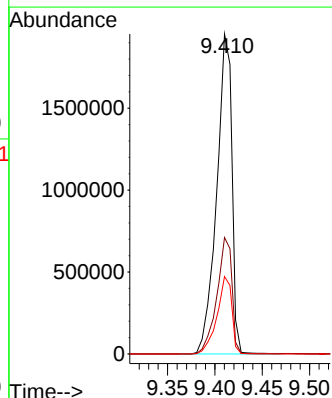
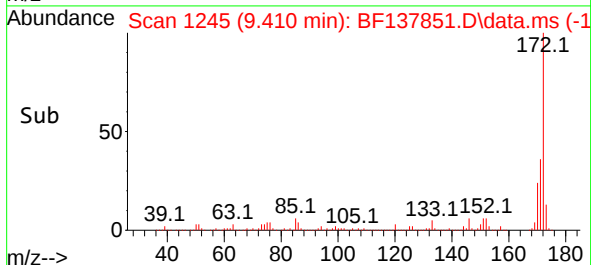
Tgt Ion:330 Resp: 583378
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.1 23.8 35.6

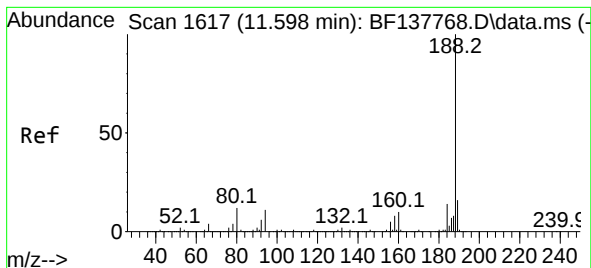


#45
2-Fluorobiphenyl
Concen: 88.659 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34



Tgt Ion:172 Resp: 2195760
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 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: BF137851.D

Acq: 08 May 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB160756BL

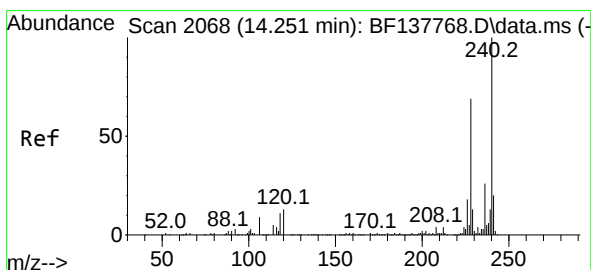
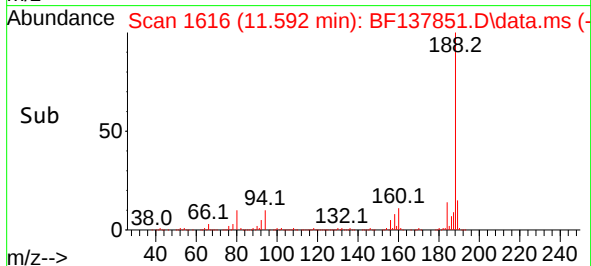
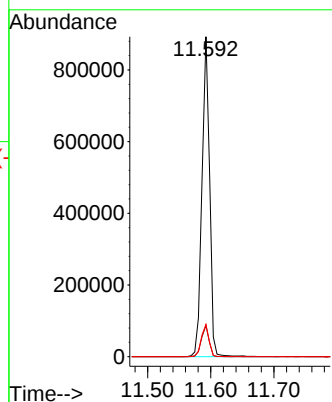
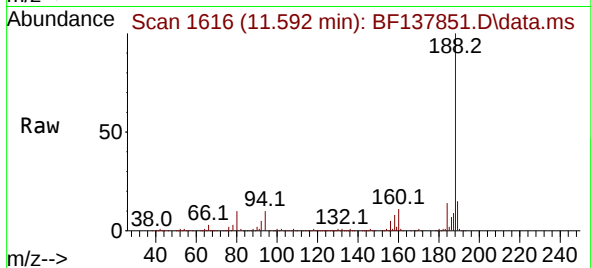
Tgt Ion:188 Resp: 745810

Ion Ratio Lower Upper

188 100

94 9.7 8.8 13.2

80 10.1 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137851.D

Acq: 08 May 2024 12:34

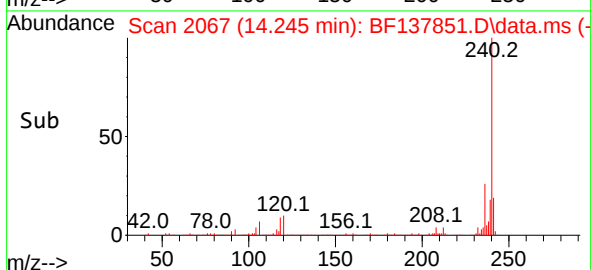
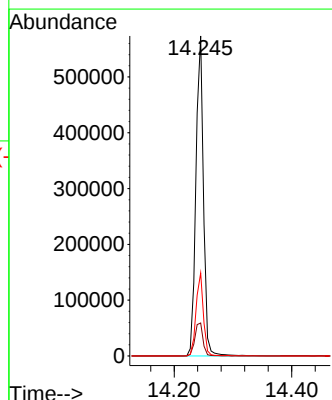
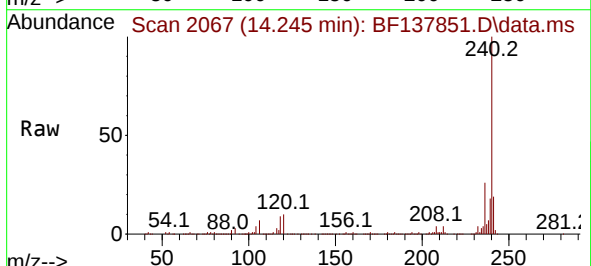
Tgt Ion:240 Resp: 514020

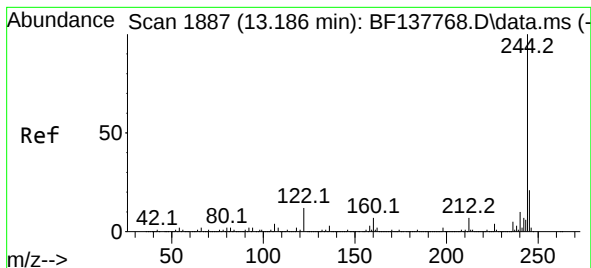
Ion Ratio Lower Upper

240 100

120 10.3 10.4 15.6#

236 25.9 20.4 30.6





#79

Terphenyl-d14

Concen: 90.450 ng

RT: 13.186 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137851.D

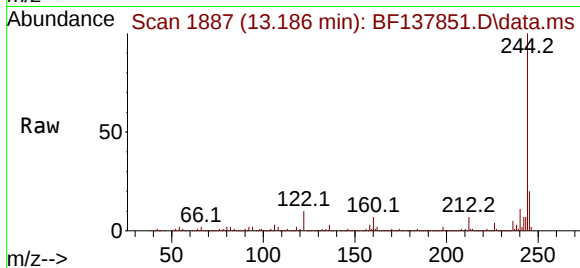
Acq: 08 May 2024 12:34

Instrument :

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ClientSampleId :

PB160756BL



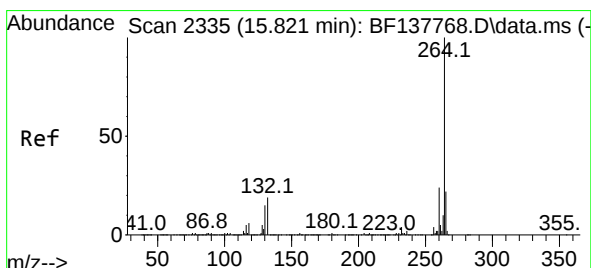
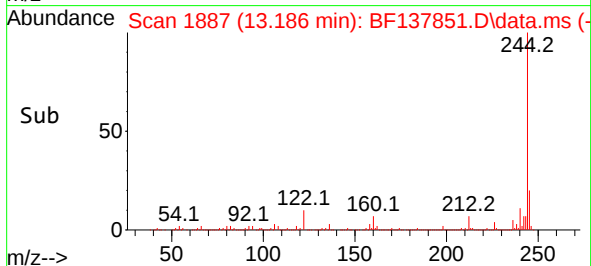
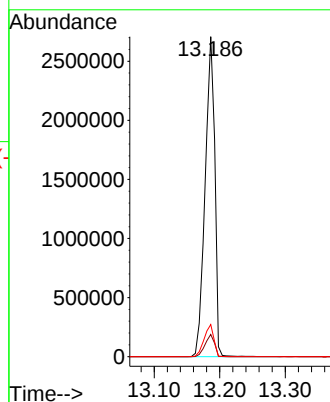
Tgt Ion:244 Resp: 2774290

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 10.1 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.816 min Scan# 2334

Delta R.T. -0.006 min

Lab File: BF137851.D

Acq: 08 May 2024 12:34

Tgt Ion:264 Resp: 387993

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.7 17.4 26.0

