

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137784.D
Acq On : 01 May 2024 10:41
Operator : CG\JU
Sample : PB160574BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160574BL

Quant Time: May 01 11:46:55 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	7.057	152	238960	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	928213	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	540246	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	987702	20.000	ng	0.00
76) Chrysene-d12	14.251	240	742278	20.000	ng	0.00
86) Perylene-d12	15.827	264	613499	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1896250	132.862	ng	0.02
7) Phenol-d6	6.675	99	2300760	127.092	ng	0.00
23) Nitrobenzene-d5	7.622	82	1448704	90.676	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	766719	138.998	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2953660	88.699	ng	0.00
79) Terphenyl-d14	13.192	244	3651997	82.452	ng	0.00

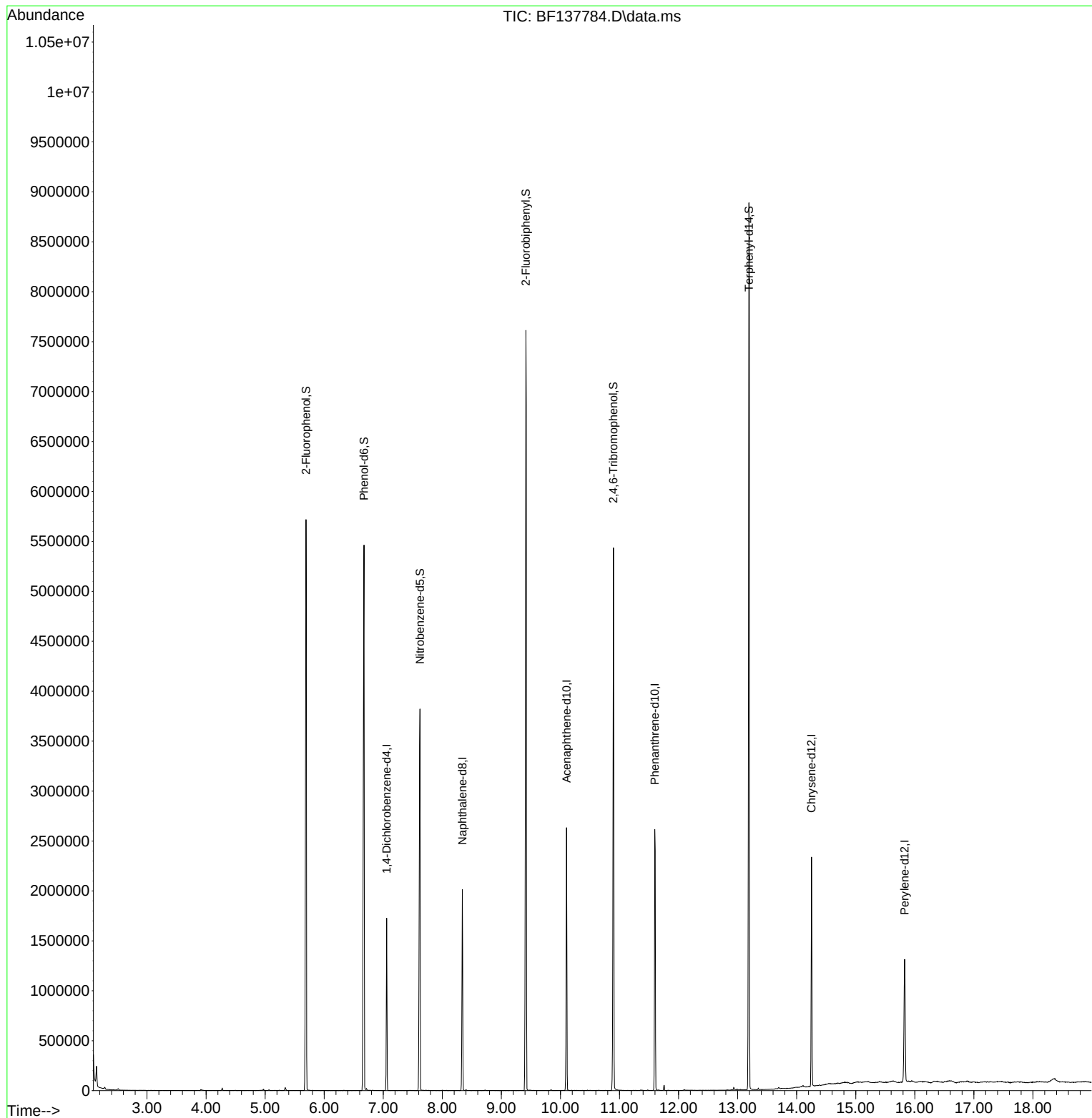
Target Compounds	Qvalue
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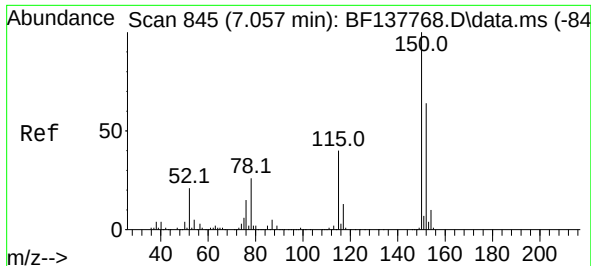
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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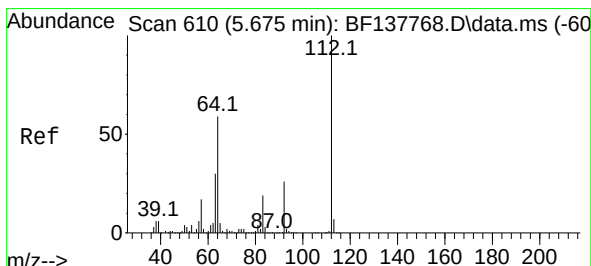
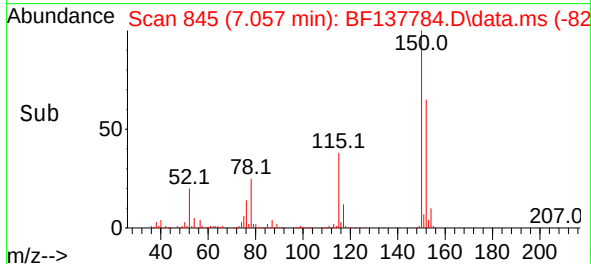
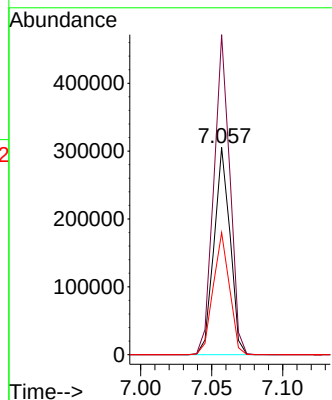
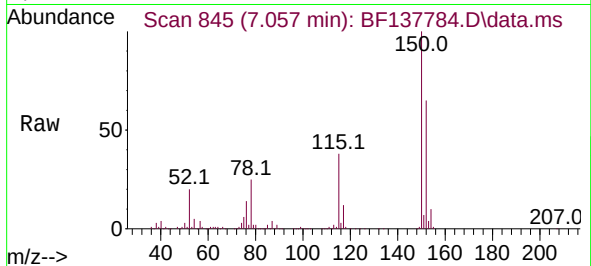




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137784.D
Acq: 01 May 2024 10:41

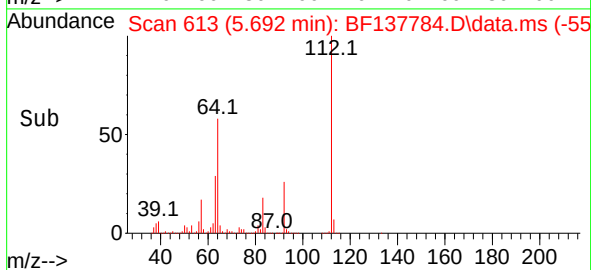
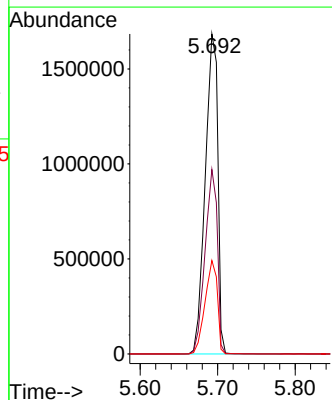
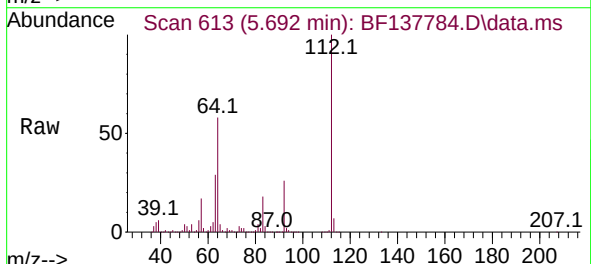
Instrument :
BNA_F
ClientSampleId :
PB160574BL

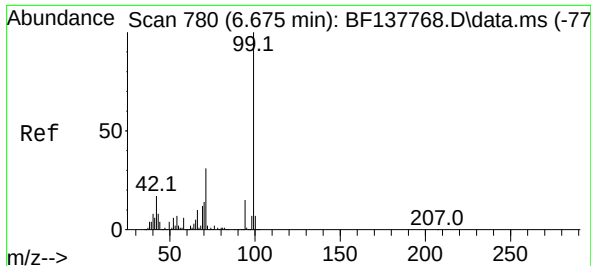
Tgt Ion:152 Resp: 238960
Ion Ratio Lower Upper
152 100
150 154.5 124.1 186.1
115 58.9 49.1 73.7



#5
2-Fluorophenol
Concen: 132.862 ng
RT: 5.692 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137784.D
Acq: 01 May 2024 10:41

Tgt Ion:112 Resp: 1896250
Ion Ratio Lower Upper
112 100
64 57.6 47.3 70.9
63 29.2 23.7 35.5

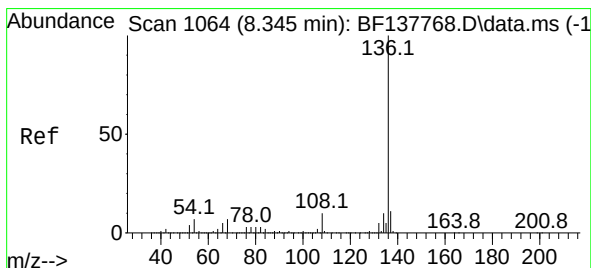
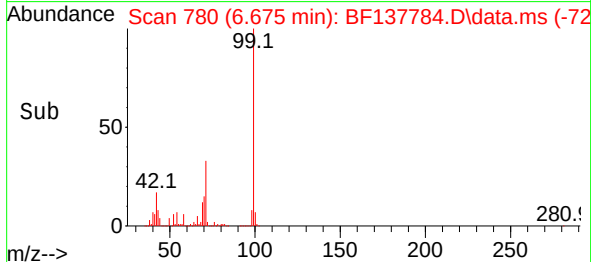
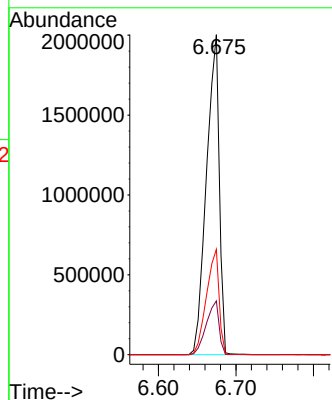
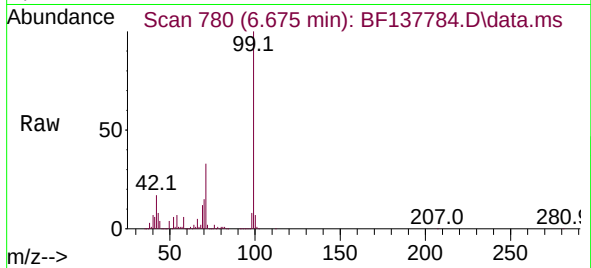




#7
Phenol-d6
Concen: 127.092 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF137784.D
Acq: 01 May 2024 10:41

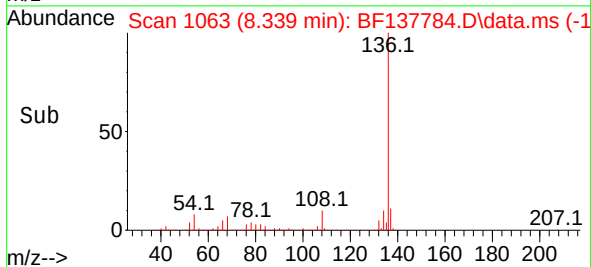
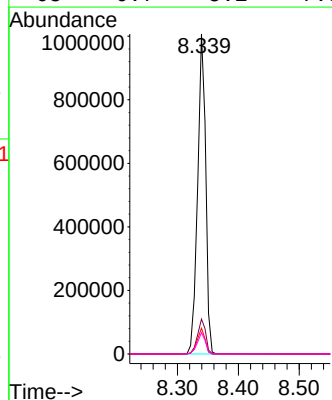
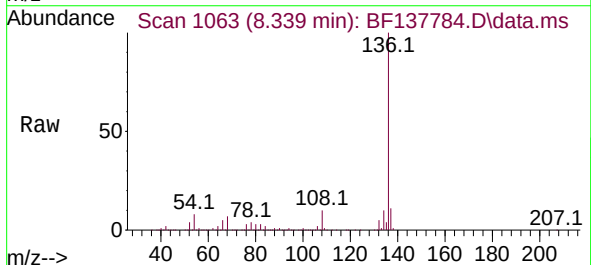
Instrument :
BNA_F
ClientSampleId :
PB160574BL

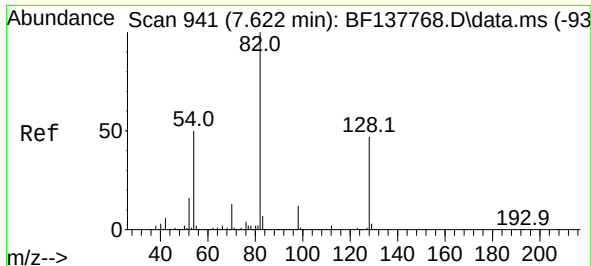
Tgt Ion: 99 Resp: 2300760
Ion Ratio Lower Upper
99 100
42 16.8 13.2 19.8
71 32.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137784.D
Acq: 01 May 2024 10:41

Tgt Ion: 136 Resp: 928213
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 5.8 8.8
68 6.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 90.676 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF137784.D

Acq: 01 May 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB160574BL

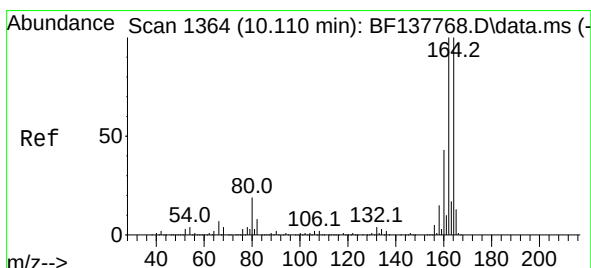
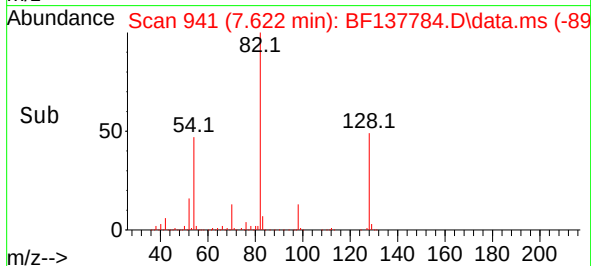
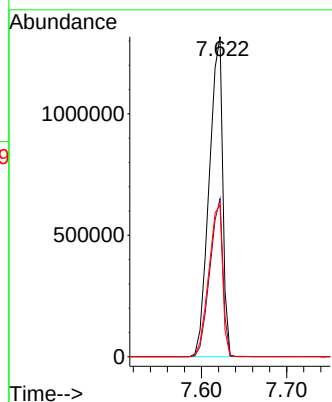
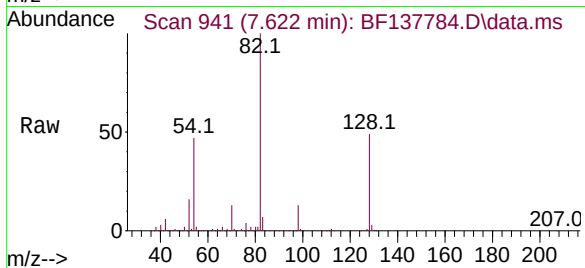
Tgt Ion: 82 Resp: 1448704

Ion Ratio Lower Upper

82 100

128 49.3 37.5 56.3

54 47.3 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BF137784.D

Acq: 01 May 2024 10:41

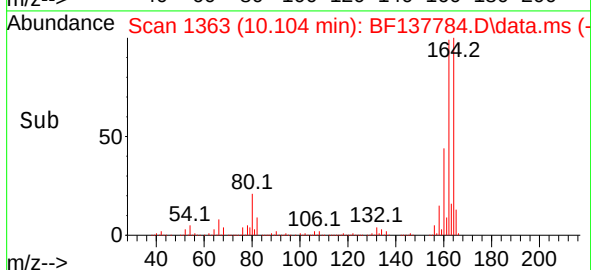
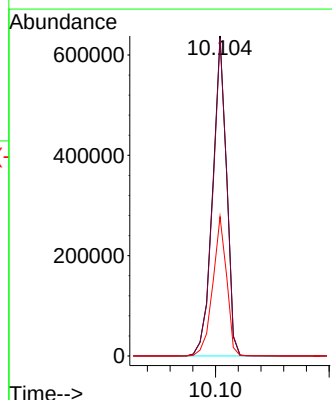
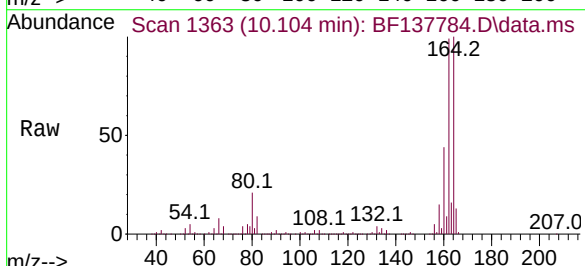
Tgt Ion:164 Resp: 540246

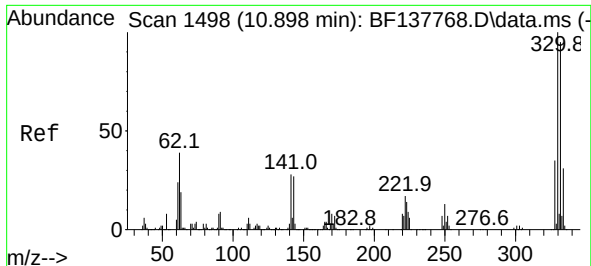
Ion Ratio Lower Upper

164 100

162 99.2 79.8 119.6

160 43.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 138.998 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF137784.D

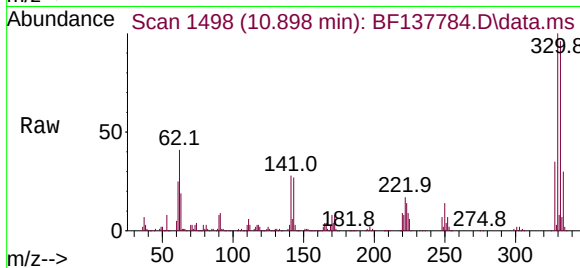
Acq: 01 May 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB160574BL



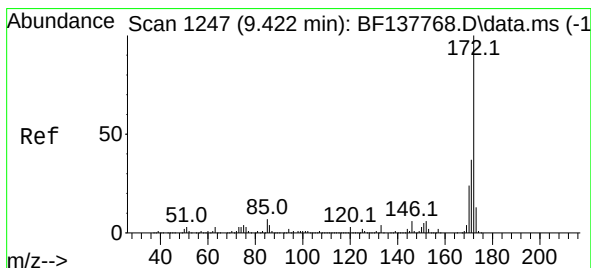
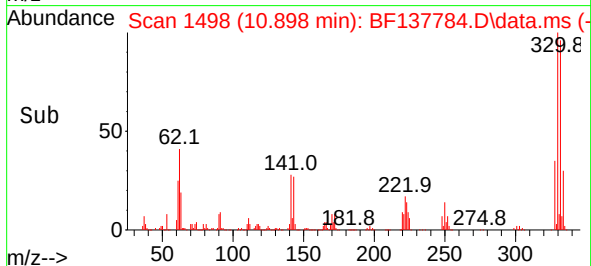
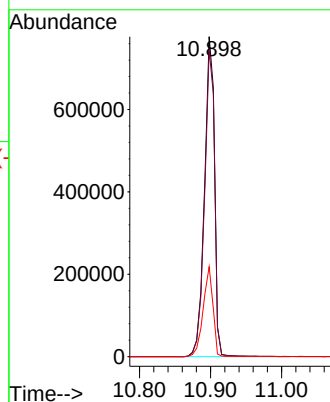
Tgt Ion:330 Resp: 766719

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 27.5 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 88.699 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137784.D

Acq: 01 May 2024 10:41

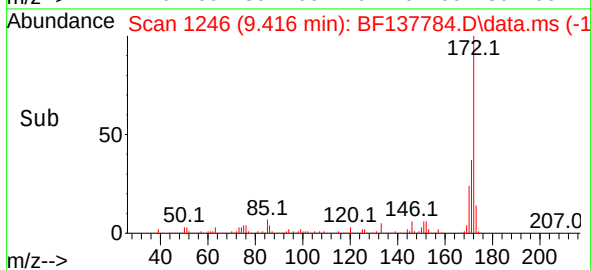
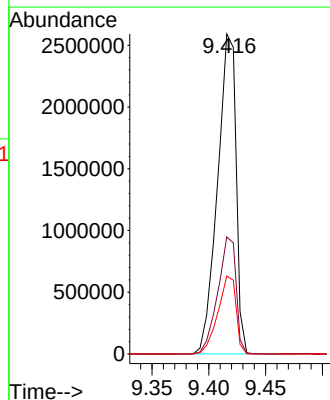
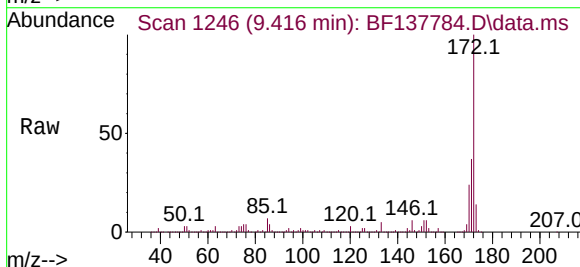
Tgt Ion:172 Resp: 2953660

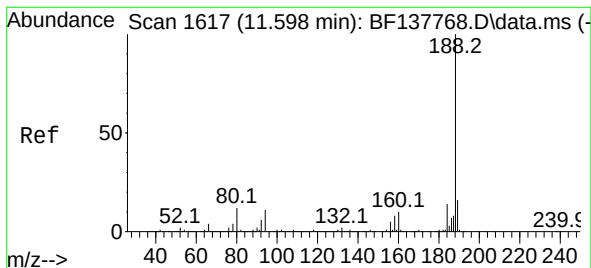
Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 24.4 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137784.D

Acq: 01 May 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB160574BL

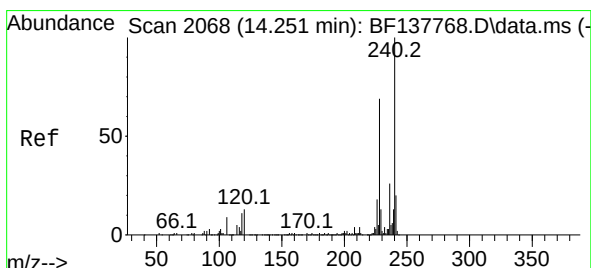
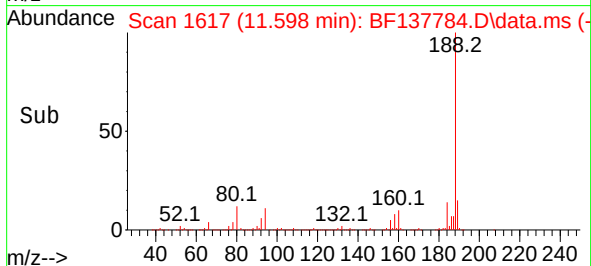
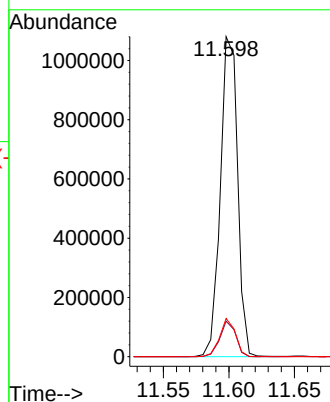
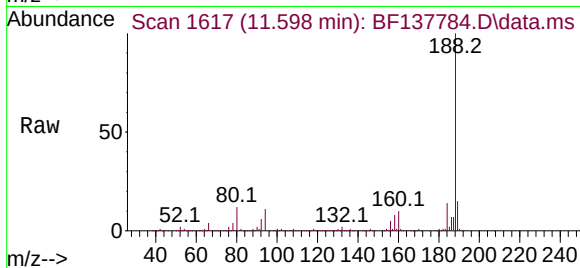
Tgt Ion:188 Resp: 987702

Ion Ratio Lower Upper

188 100

94 11.1 8.8 13.2

80 11.9 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BF137784.D

Acq: 01 May 2024 10:41

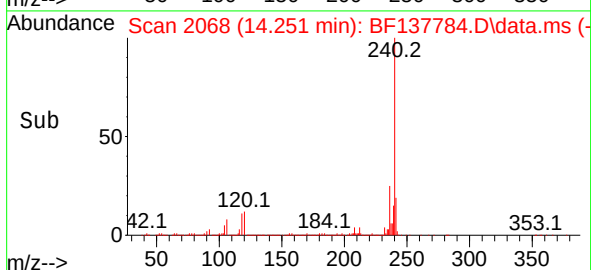
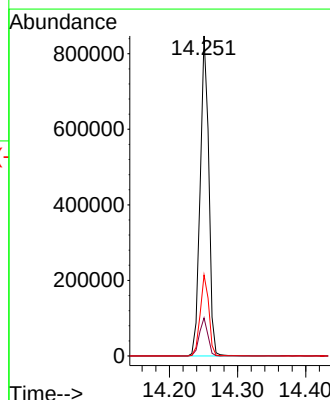
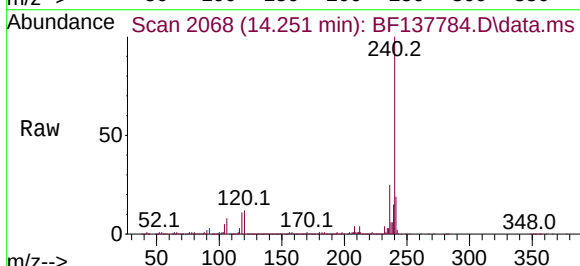
Tgt Ion:240 Resp: 742278

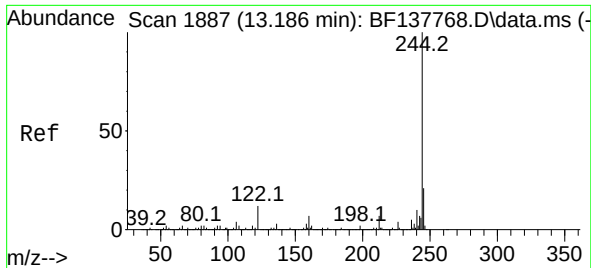
Ion Ratio Lower Upper

240 100

120 11.9 10.4 15.6

236 25.3 20.4 30.6

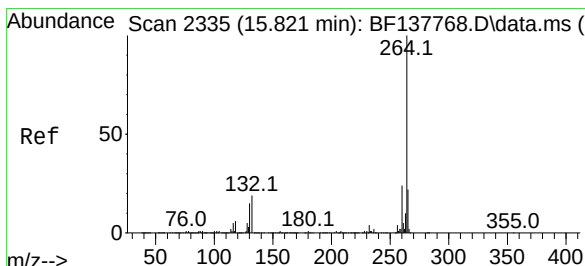
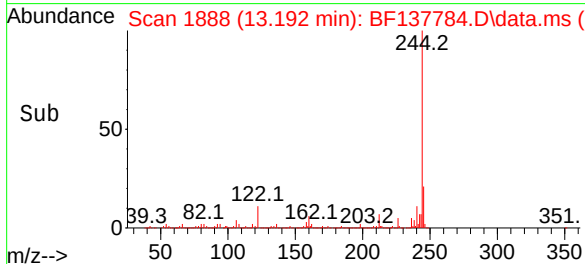
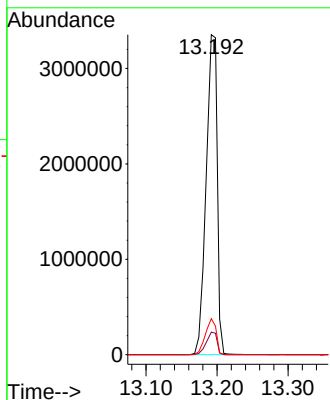
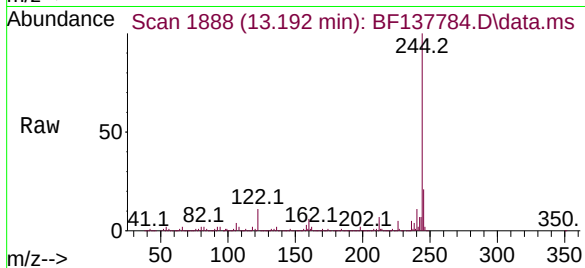




#79
 Terphenyl-d14
 Concen: 82.452 ng
 RT: 13.192 min Scan# 1888
 Delta R.T. 0.006 min
 Lab File: BF137784.D
 Acq: 01 May 2024 10:41

Instrument :
 BNA_F
 ClientSampleId :
 PB160574BL

Tgt Ion:244 Resp: 3651997
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.3 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.827 min Scan# 2336
 Delta R.T. 0.006 min
 Lab File: BF137784.D
 Acq: 01 May 2024 10:41

Tgt Ion:264 Resp: 613499
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.7 17.4 26.0

