

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032624\
 Data File : BF137696.D
 Acq On : 26 Mar 2024 20:00
 Operator : CG\JU
 Sample : PB159773BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159773BL

Quant Time: Mar 27 02:32:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 01:52:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	278705	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	1089384	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	623957	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	1137975	20.000	ng	0.00
76) Chrysene-d12	13.939	240	922039	20.000	ng	0.00
86) Perylene-d12	15.368	264	805661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	2056526	114.851	ng	0.02
7) Phenol-d6	6.416	99	2525263	113.785	ng	0.00
23) Nitrobenzene-d5	7.345	82	1522910	92.227	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	734265	124.987	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	2956015	90.702	ng	0.00
79) Terphenyl-d14	12.898	244	3713978	61.620	ng	0.00

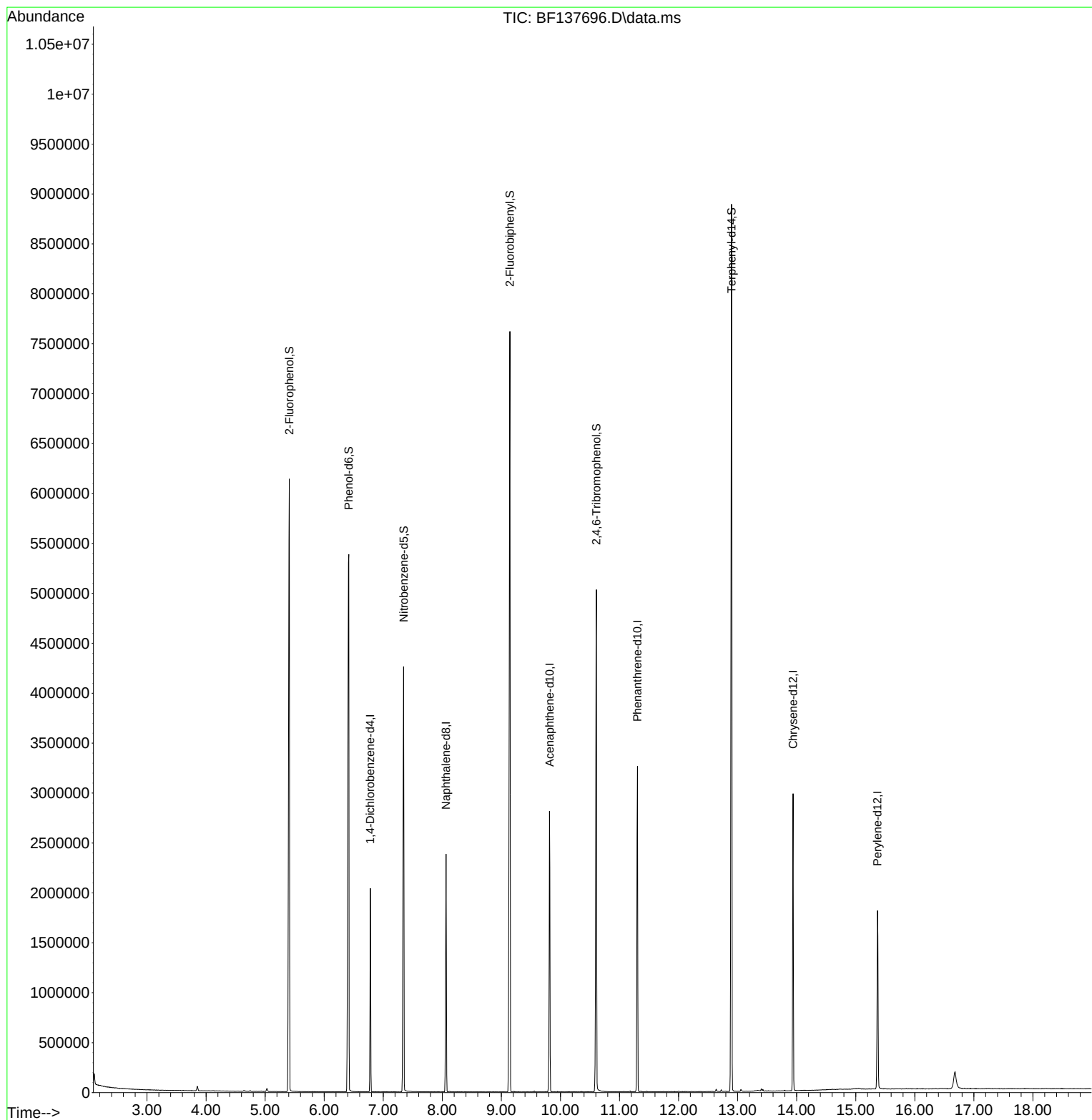
Target Compounds	Qvalue

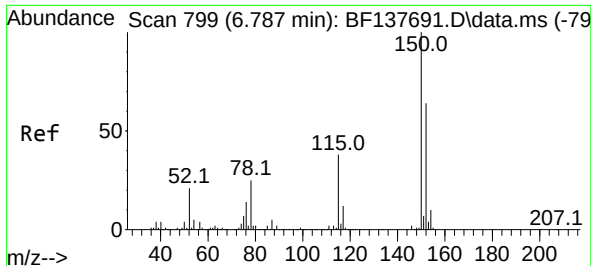
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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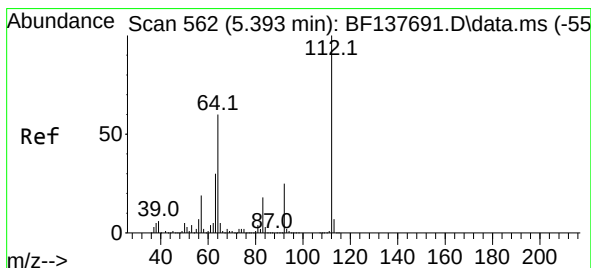
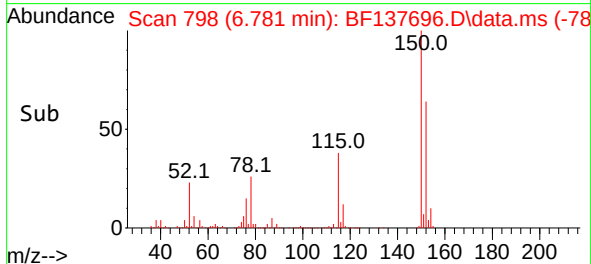
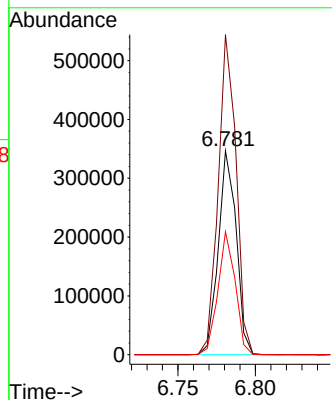
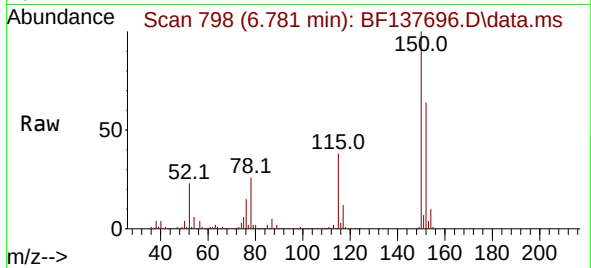




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

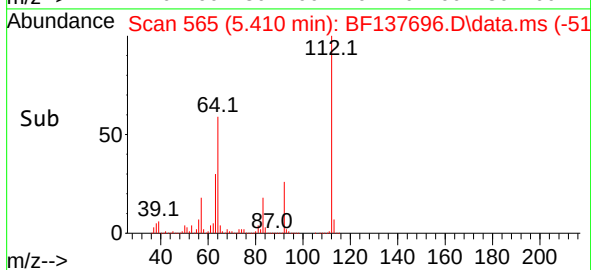
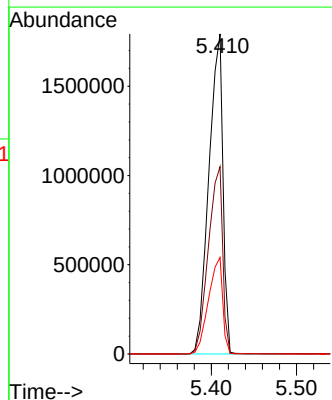
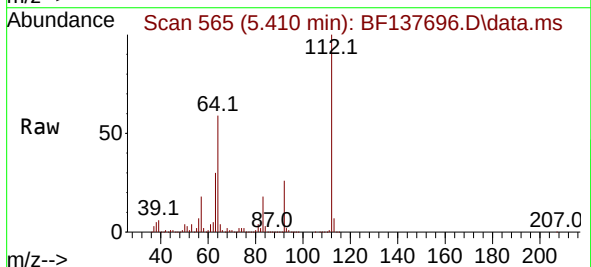
Instrument :
BNA_F
ClientSampleId :
PB159773BL

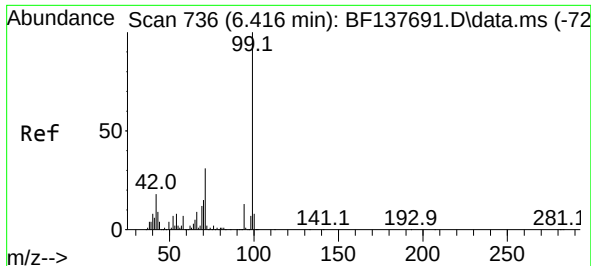
Tgt Ion:152 Resp: 278705
Ion Ratio Lower Upper
152 100
150 157.0 125.0 187.4
115 60.3 46.9 70.3



#5
2-Fluorophenol
Concen: 114.851 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.018 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion:112 Resp: 2056526
Ion Ratio Lower Upper
112 100
64 58.5 48.2 72.2
63 30.1 24.2 36.4





#7

Phenol-d6

Concen: 113.785 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137696.D

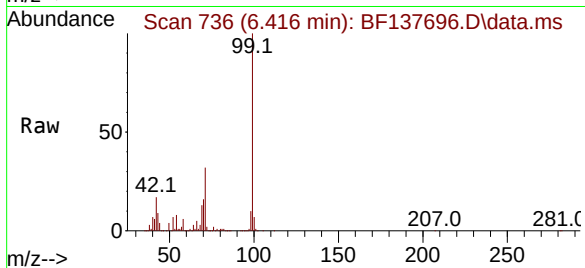
Acq: 26 Mar 2024 20:00

Instrument :

BNA_F

ClientSampleId :

PB159773BL



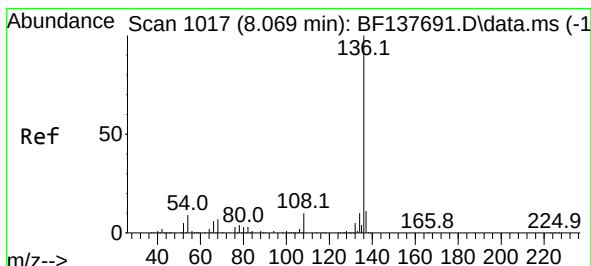
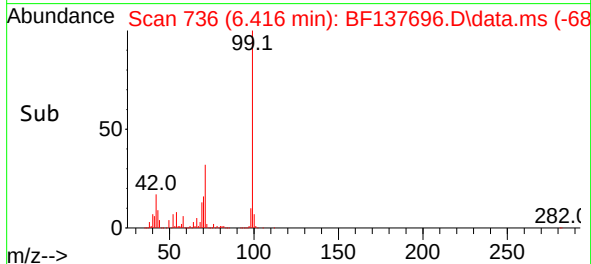
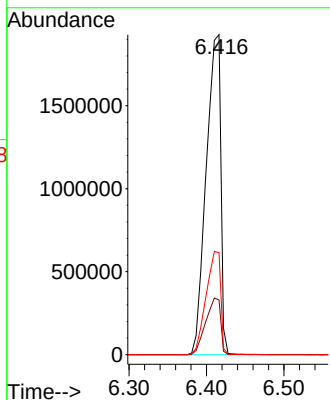
Tgt Ion: 99 Resp: 2525263

Ion Ratio Lower Upper

99 100

42 17.1 14.3 21.5

71 31.9 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF137696.D

Acq: 26 Mar 2024 20:00

Tgt Ion:136 Resp: 1089384

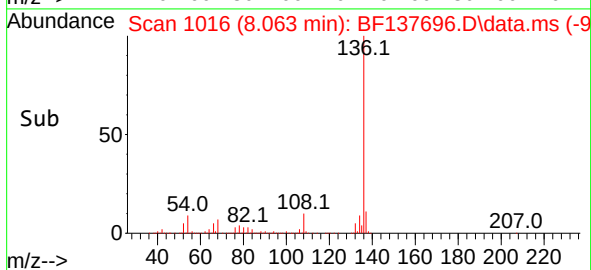
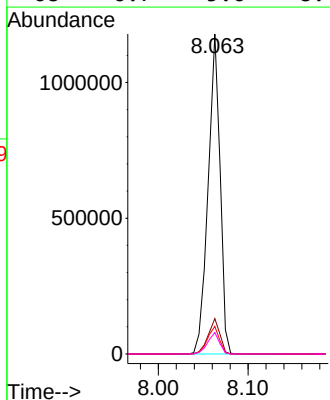
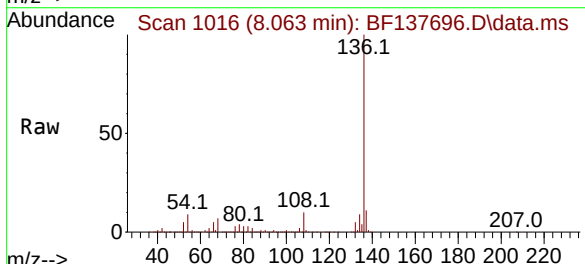
Ion Ratio Lower Upper

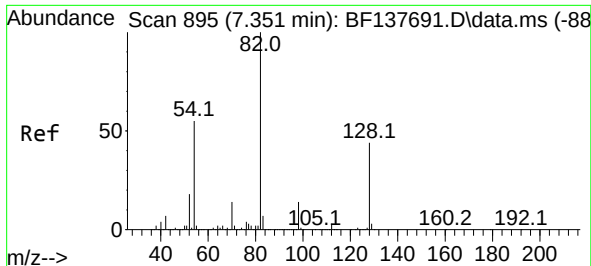
136 100

137 11.1 8.9 13.3

54 8.6 7.1 10.7

68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 92.227 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137696.D

Acq: 26 Mar 2024 20:00

Instrument :

BNA_F

ClientSampleId :

PB159773BL

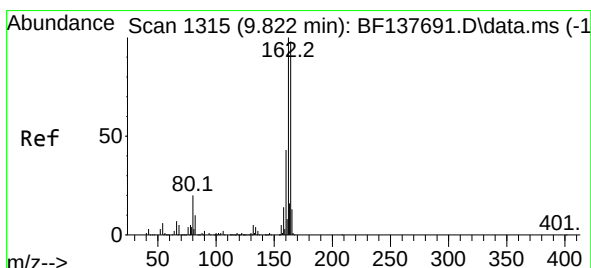
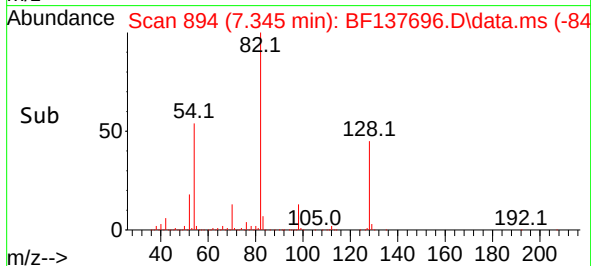
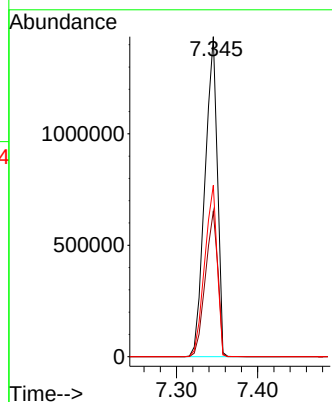
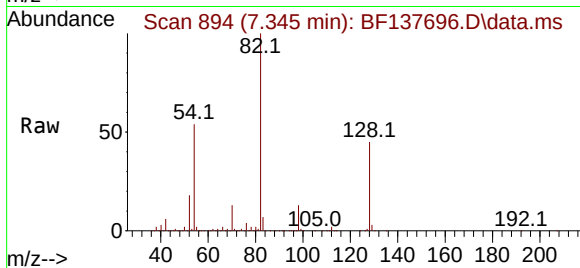
Tgt Ion: 82 Resp: 1522910

Ion Ratio Lower Upper

82 100

128 45.5 35.3 52.9

54 53.5 44.1 66.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF137696.D

Acq: 26 Mar 2024 20:00

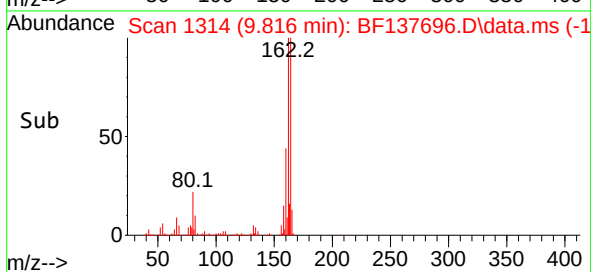
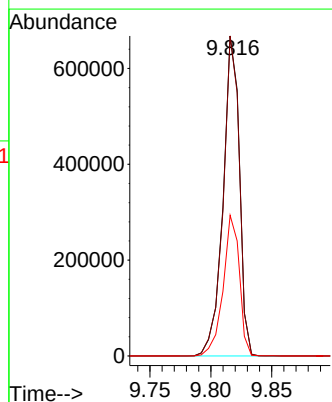
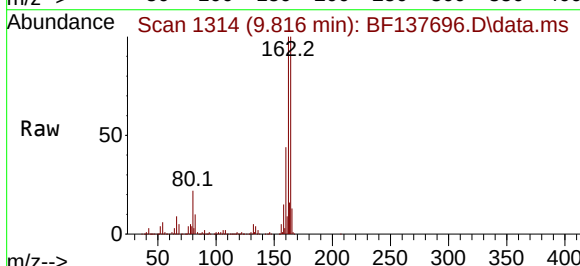
Tgt Ion:164 Resp: 623957

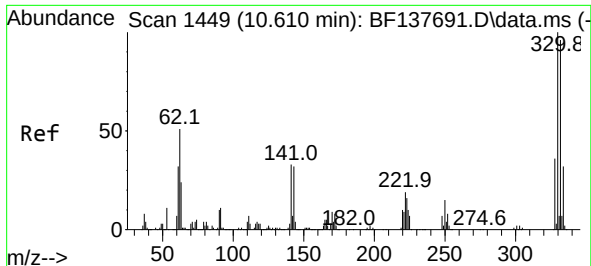
Ion Ratio Lower Upper

164 100

162 100.0 81.5 122.3

160 43.9 35.0 52.6

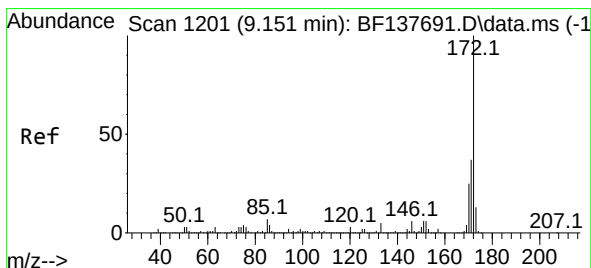
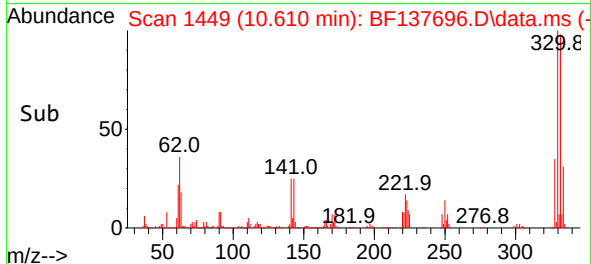
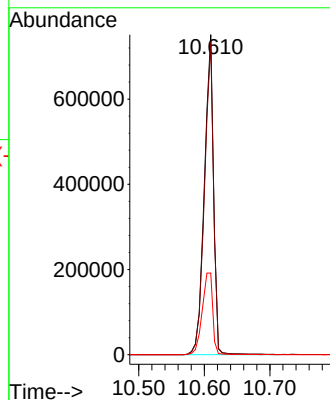
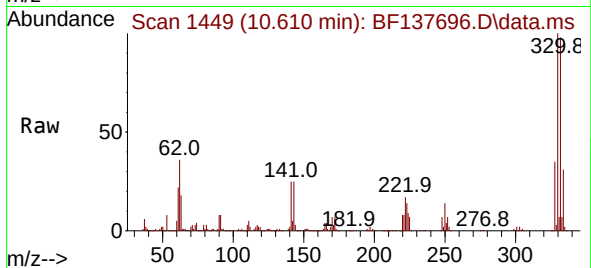




#42
2,4,6-Tribromophenol
Concen: 124.987 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

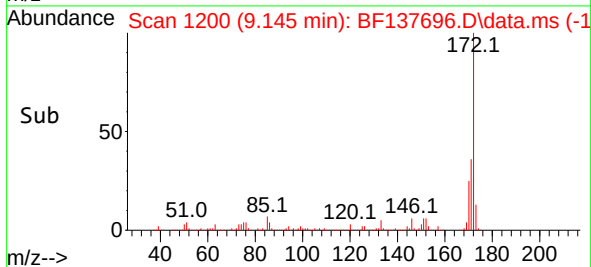
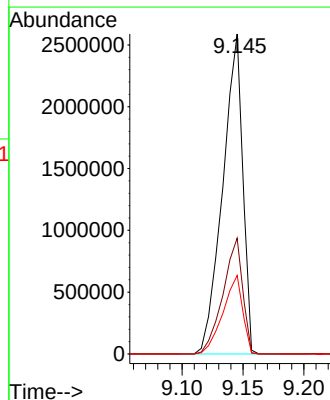
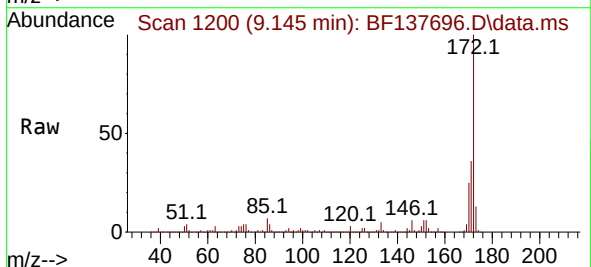
Instrument :
BNA_F
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PB159773BL

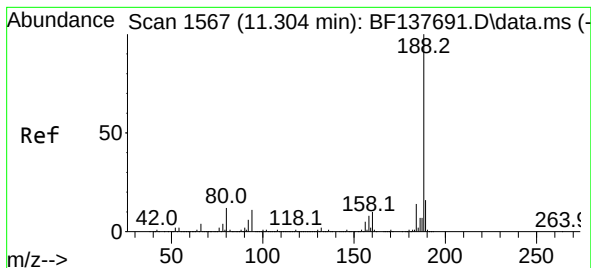
Tgt Ion:330 Resp: 734265
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 29.2 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 90.702 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137696.D
Acq: 26 Mar 2024 20:00

Tgt Ion:172 Resp: 2956015
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 24.6 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137696.D

Acq: 26 Mar 2024 20:00

Instrument :

BNA_F

ClientSampleId :

PB159773BL

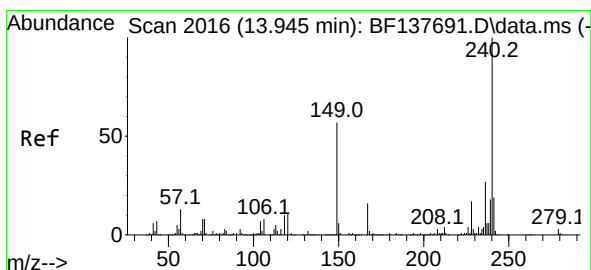
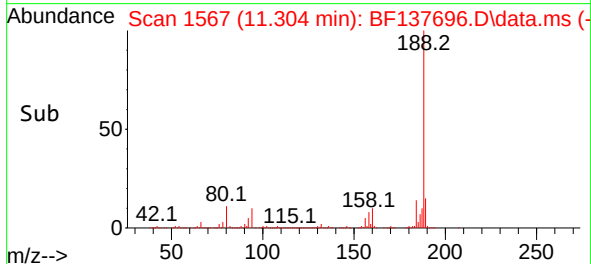
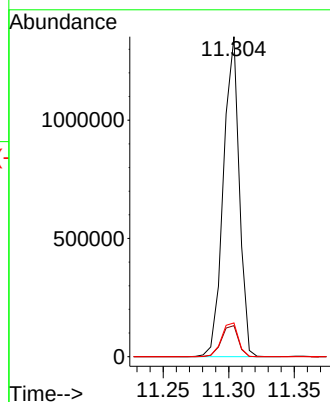
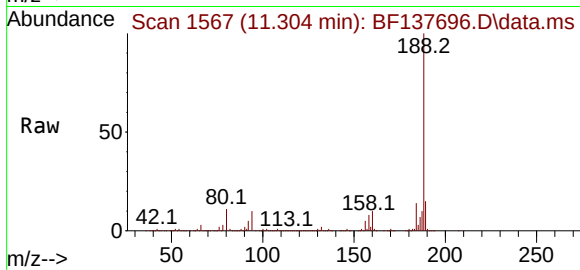
Tgt Ion:188 Resp: 1137975

Ion Ratio Lower Upper

188 100

94 9.7 9.0 13.4

80 10.5 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF137696.D

Acq: 26 Mar 2024 20:00

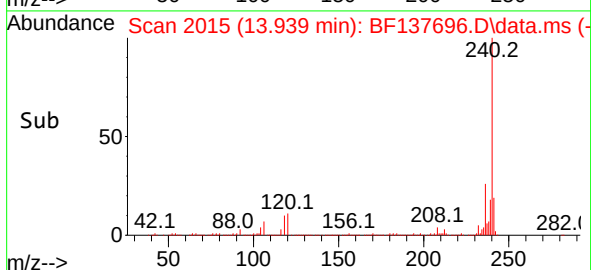
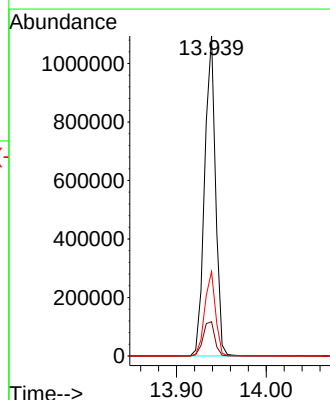
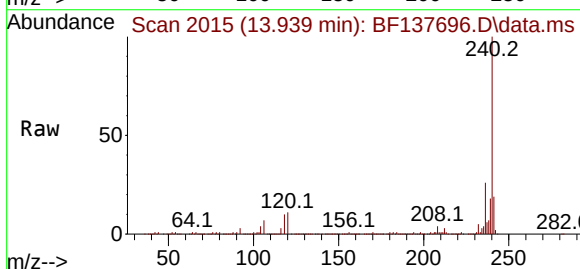
Tgt Ion:240 Resp: 922039

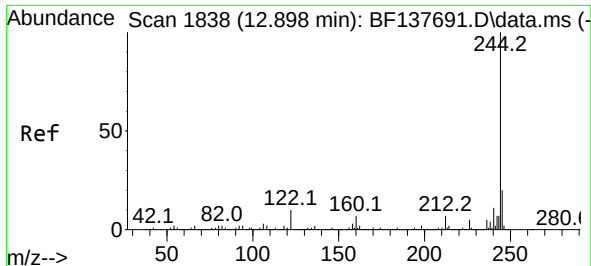
Ion Ratio Lower Upper

240 100

120 10.7 8.8 13.2

236 26.4 21.4 32.2

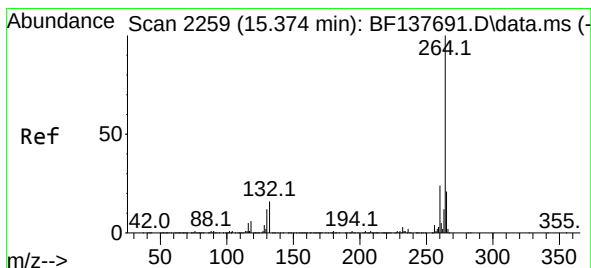
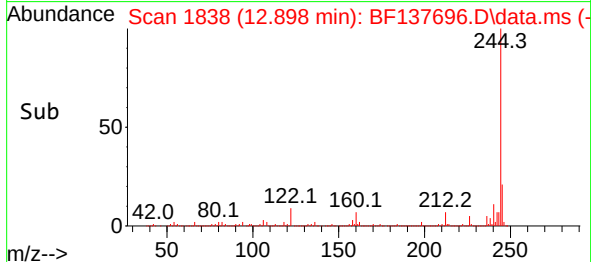
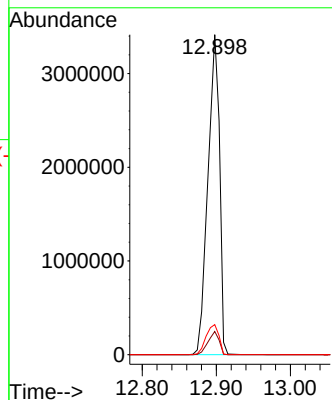
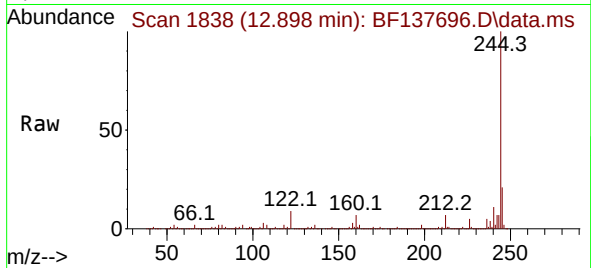




#79
 Terphenyl-d14
 Concen: 61.620 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF137696.D
 Acq: 26 Mar 2024 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB159773BL

Tgt Ion:244 Resp: 3713978
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.4 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.368 min Scan# 2258
 Delta R.T. -0.006 min
 Lab File: BF137696.D
 Acq: 26 Mar 2024 20:00

Tgt Ion:264 Resp: 805661
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.2 17.1 25.7

