

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137809.D
Acq On : 02 May 2024 11:39
Operator : CG\JU
Sample : PB160643BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160643BL

Quant Time: May 02 12:33:28 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	166460	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	650640	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	363732	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	658294	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	446547	20.000	ng	0.00
86) Perylene-d12	15.815	264	362948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1280723	128.818	ng	0.02
7) Phenol-d6	6.669	99	1565837	124.168	ng	0.00
23) Nitrobenzene-d5	7.616	82	964660	86.138	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	497253	133.894	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1985369	88.554	ng	0.00
79) Terphenyl-d14	13.186	244	2347244	88.091	ng	0.00

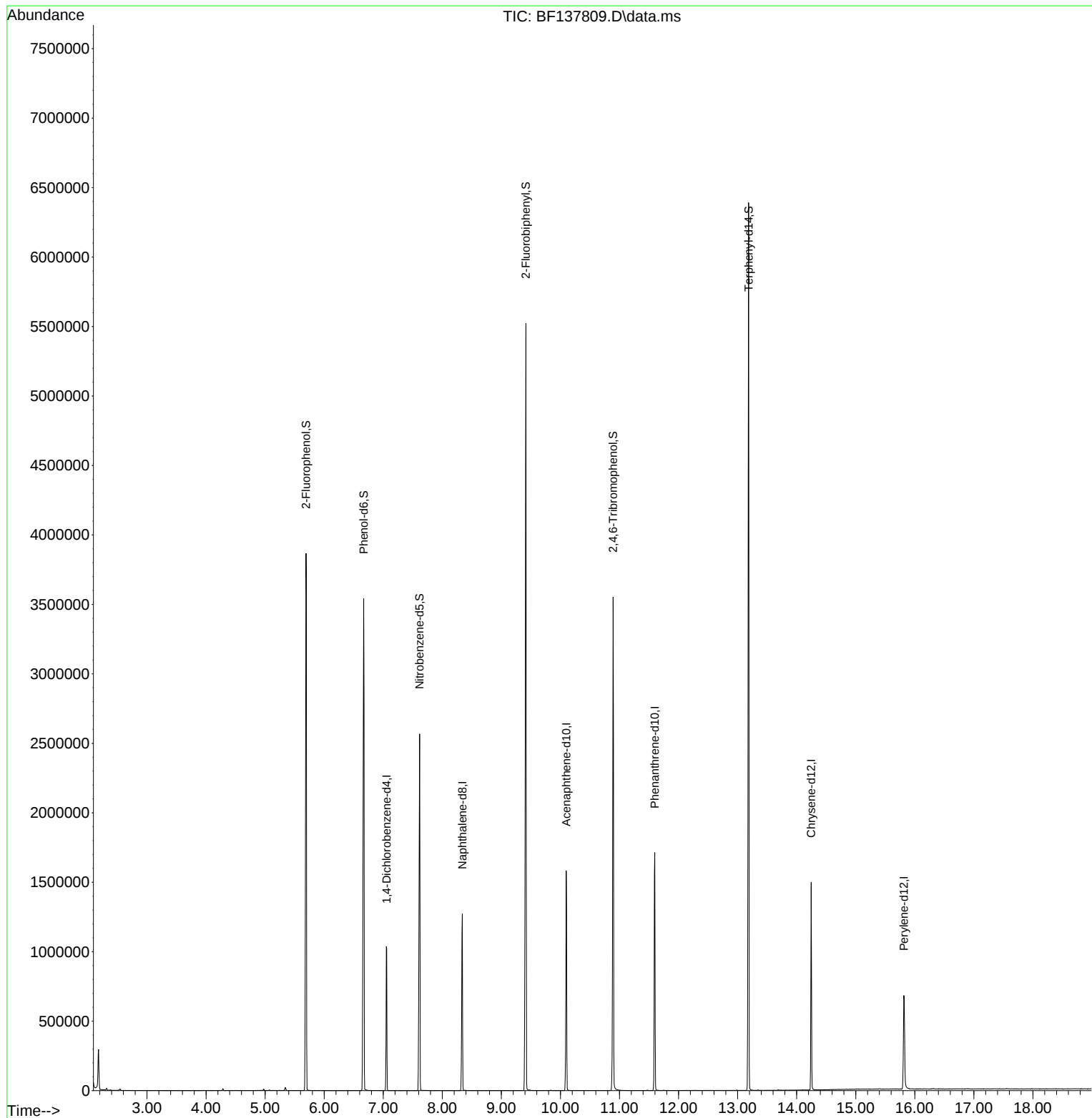
Target Compounds Qvalue

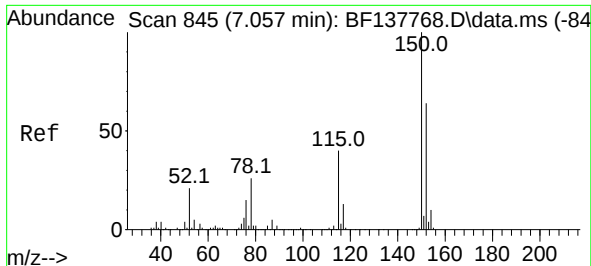
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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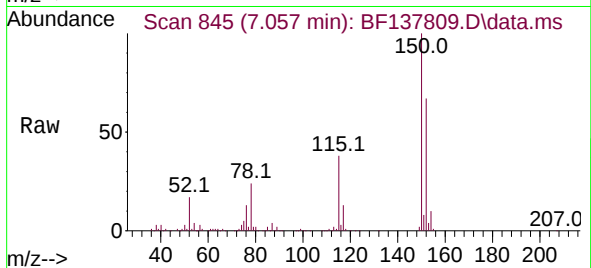
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



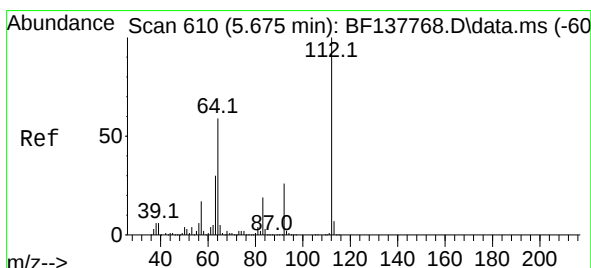
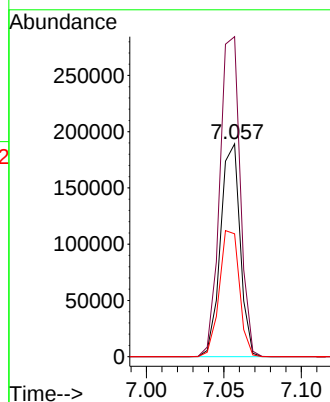
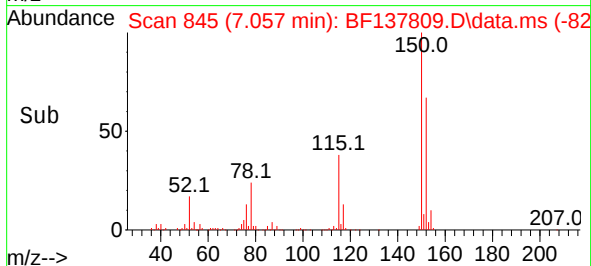


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

Instrument :
BNA_F
ClientSampleId :
PB160643BL

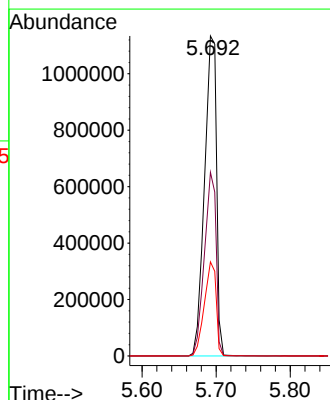
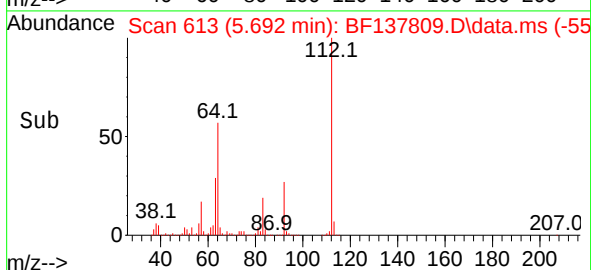
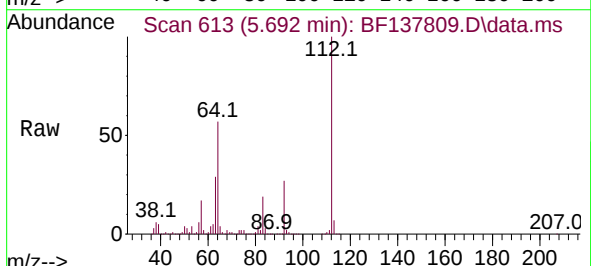


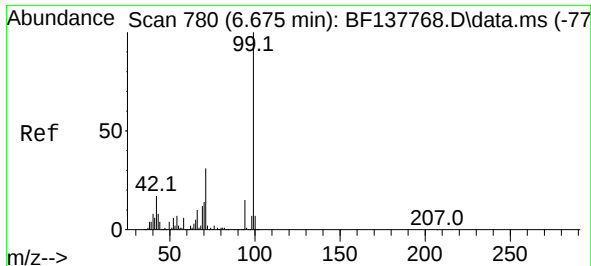
Tgt Ion:152 Resp: 166460
Ion Ratio Lower Upper
152 100
150 150.4 124.1 186.1
115 57.8 49.1 73.7



#5
2-Fluorophenol
Concen: 128.818 ng
RT: 5.692 min Scan# 613
Delta R.T. 0.017 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

Tgt Ion:112 Resp: 1280723
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 29.4 23.7 35.5

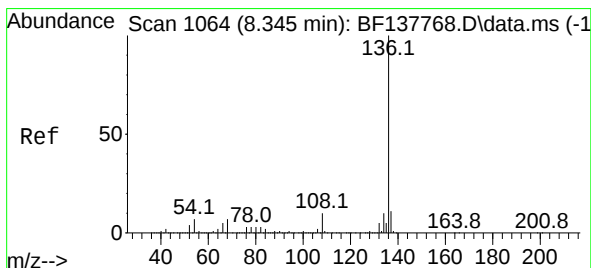
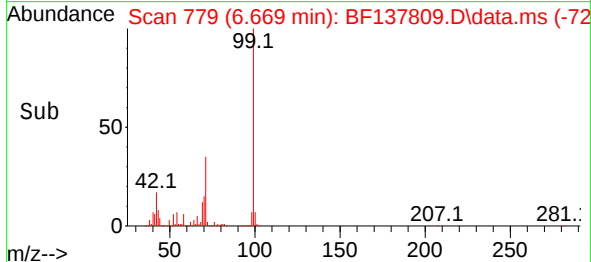
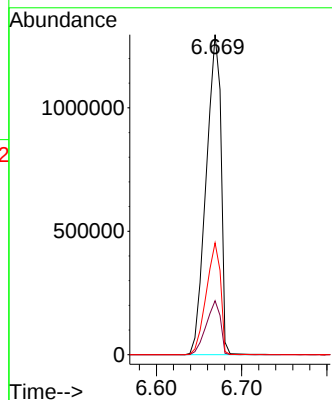
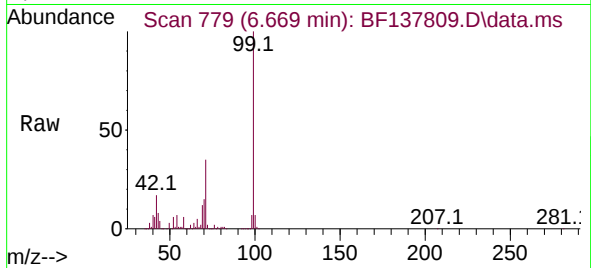




#7
Phenol-d6
Concen: 124.168 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

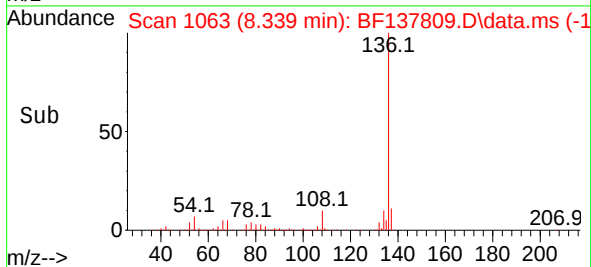
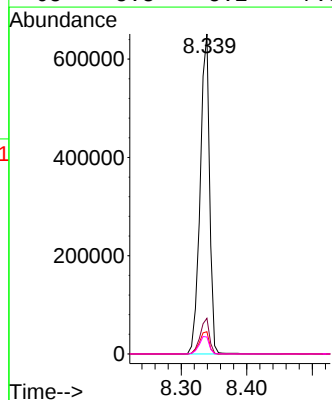
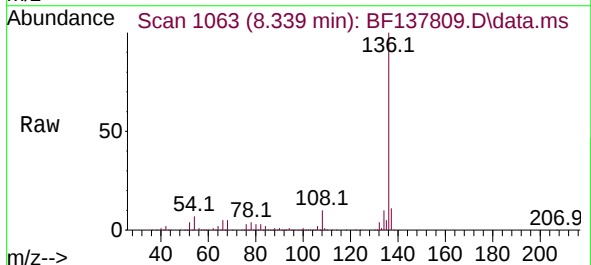
Instrument :
BNA_F
ClientSampleId :
PB160643BL

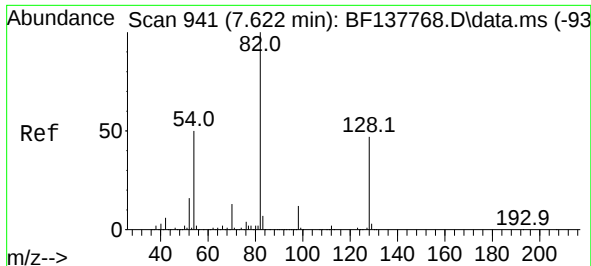
Tgt Ion: 99 Resp: 1565837
Ion Ratio Lower Upper
99 100
42 16.9 13.2 19.8
71 35.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

Tgt Ion: 136 Resp: 650640
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.0 5.8 8.8
68 5.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 86.138 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137809.D

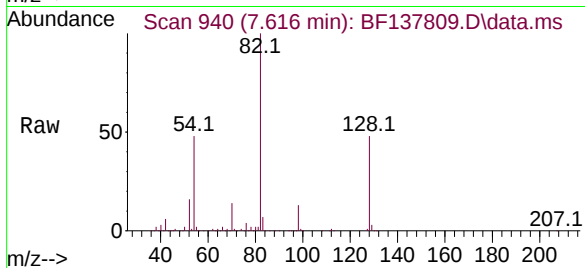
Acq: 02 May 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB160643BL



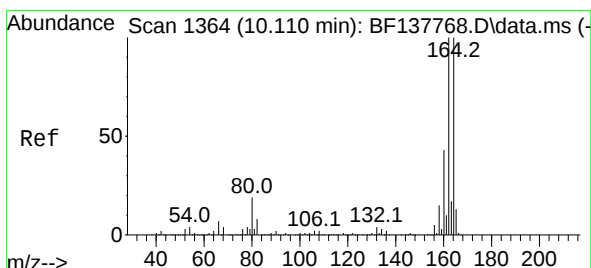
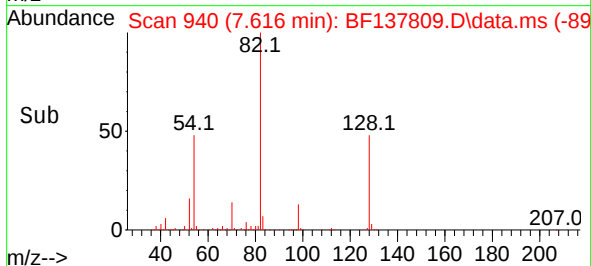
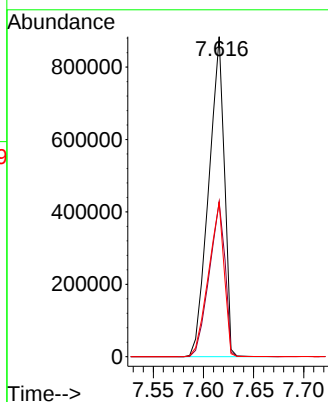
Tgt Ion: 82 Resp: 964660

Ion Ratio Lower Upper

82 100

128 48.4 37.5 56.3

54 48.2 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: BF137809.D

Acq: 02 May 2024 11:39

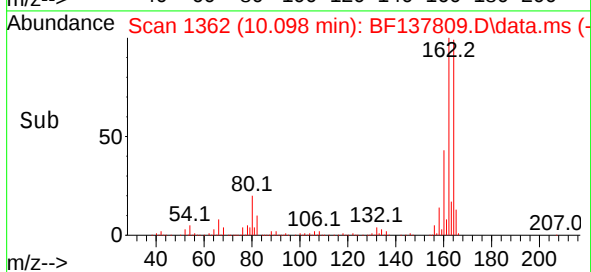
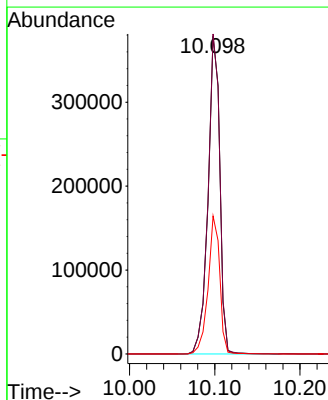
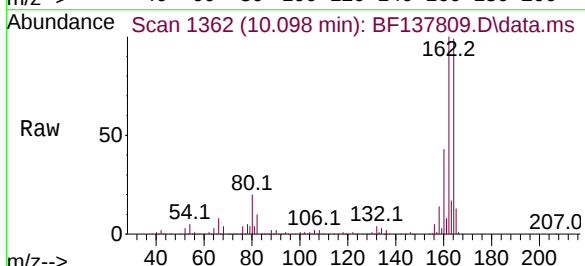
Tgt Ion:164 Resp: 363732

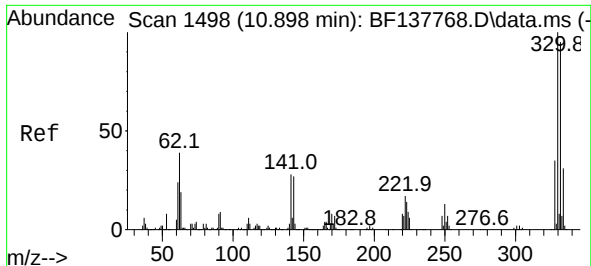
Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.6

160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 133.894 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137809.D

Acq: 02 May 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB160643BL

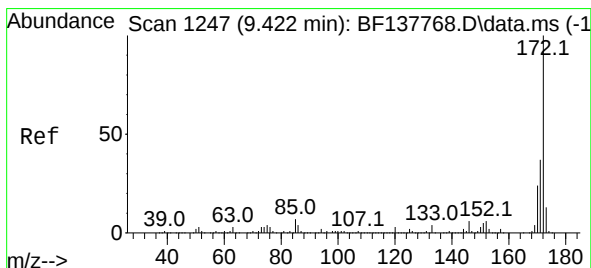
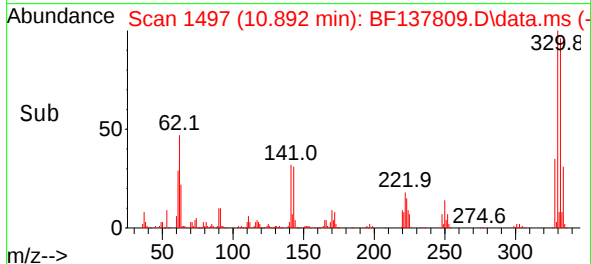
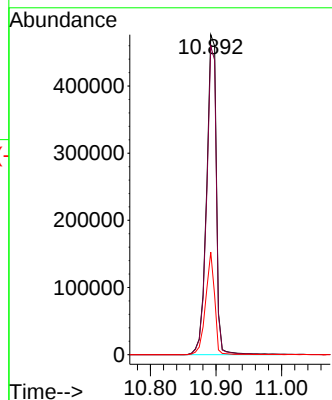
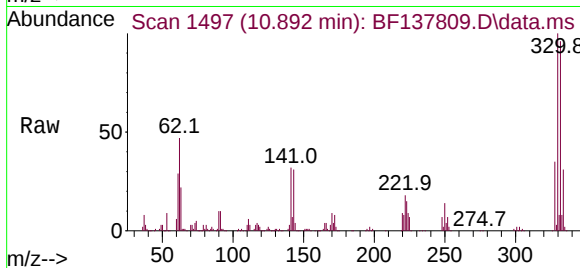
Tgt Ion:330 Resp: 497253

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 29.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 88.554 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137809.D

Acq: 02 May 2024 11:39

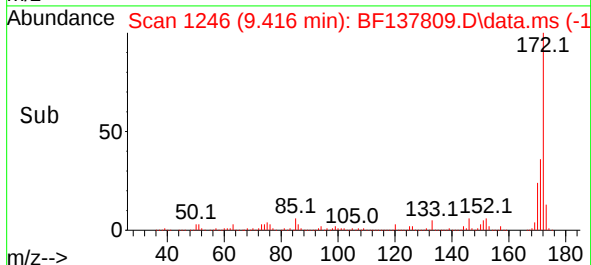
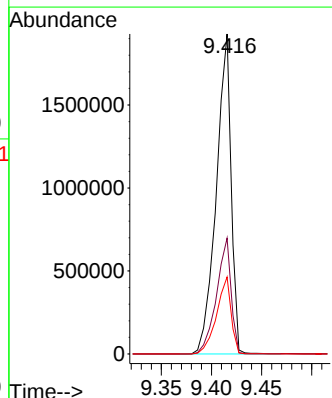
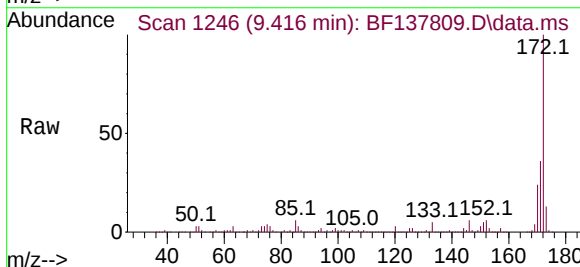
Tgt Ion:172 Resp: 1985369

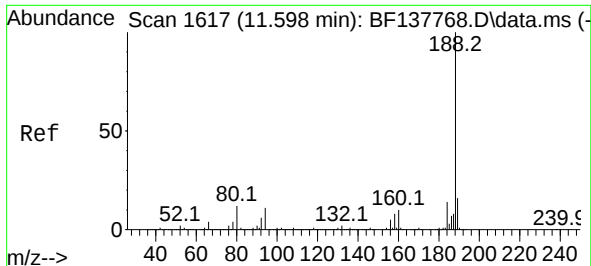
Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 24.0 19.4 29.2

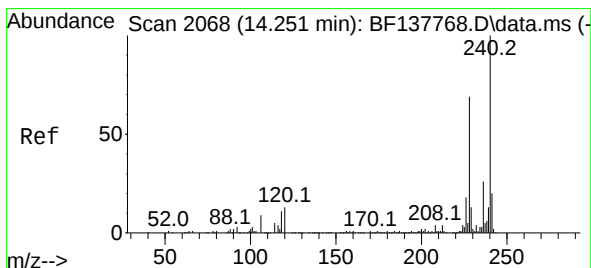
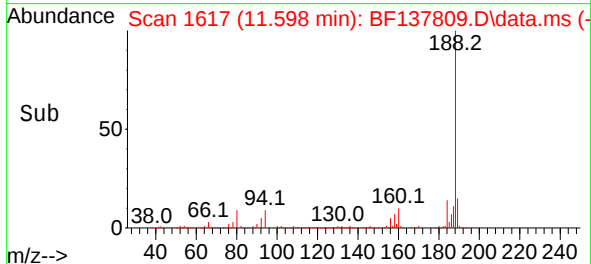
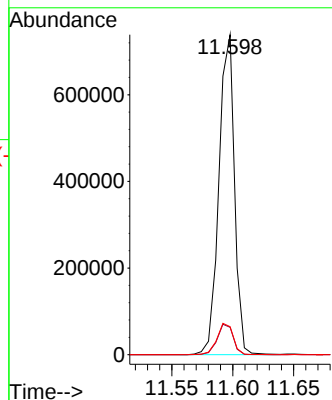
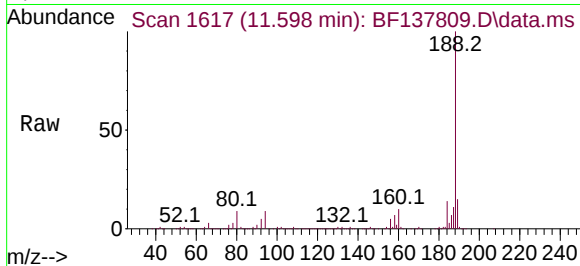




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

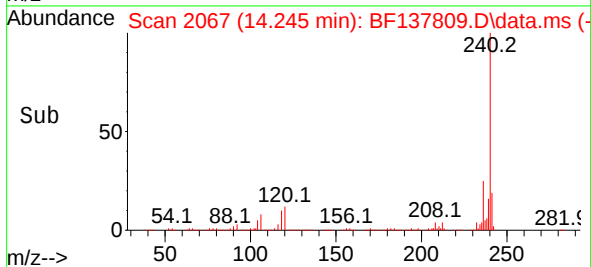
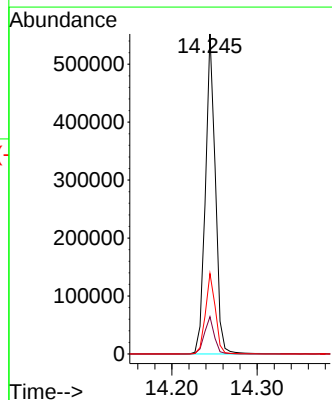
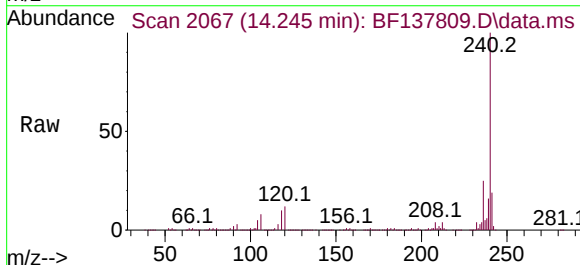
Instrument :
BNA_F
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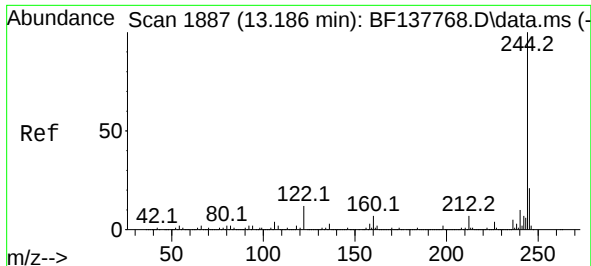
Tgt Ion:188 Resp: 658294
Ion Ratio Lower Upper
188 100
94 8.5 8.8 13.2#
80 8.8 9.6 14.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137809.D
Acq: 02 May 2024 11:39

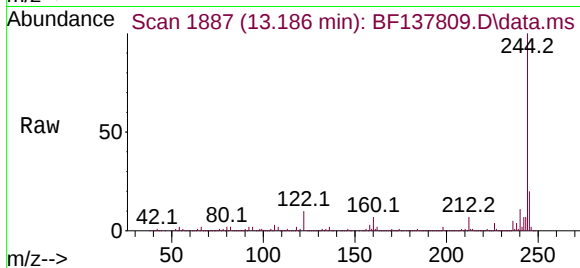
Tgt Ion:240 Resp: 446547
Ion Ratio Lower Upper
240 100
120 11.7 10.4 15.6
236 25.2 20.4 30.6



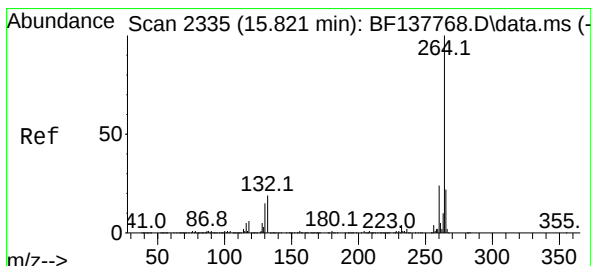
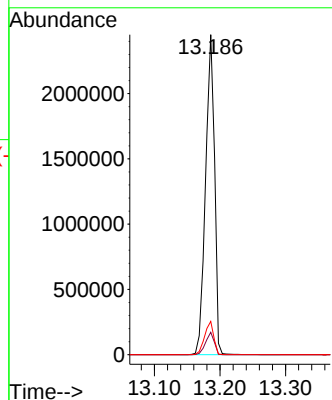
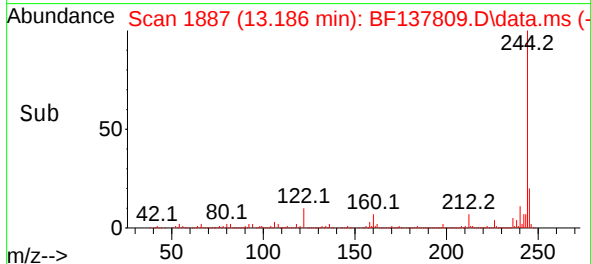


#79
 Terphenyl-d14
 Concen: 88.091 ng
 RT: 13.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137809.D
 Acq: 02 May 2024 11:39

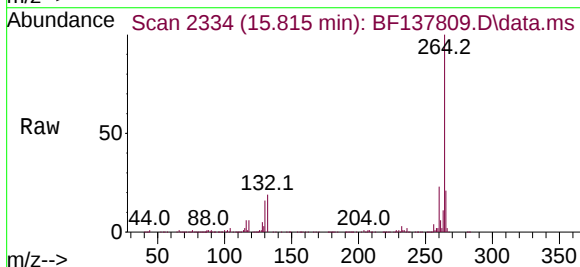
Instrument :
 BNA_F
 ClientSampleId :
 PB160643BL



Tgt Ion:244 Resp: 2347244
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.4 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 2334
 Delta R.T. -0.006 min
 Lab File: BF137809.D
 Acq: 02 May 2024 11:39



Tgt Ion:264 Resp: 362948
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.1 17.4 26.0

