

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137830.D
 Acq On : 03 May 2024 15:34
 Operator : CG\JU
 Sample : PB160673TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160673TB

Quant Time: May 03 16:44:43 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	143024	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	565152	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	322240	20.000	ng	-0.02
64) Phenanthrene-d10	11.592	188	560488	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	343367	20.000	ng	-0.01
86) Perylene-d12	15.810	264	308778	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1109796	129.917	ng	0.01
7) Phenol-d6	6.669	99	1346901	124.308	ng	0.00
23) Nitrobenzene-d5	7.610	82	854259	87.819	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	451494	137.226	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1801035	90.676	ng	-0.01
79) Terphenyl-d14	13.180	244	2029048	99.031	ng	0.00

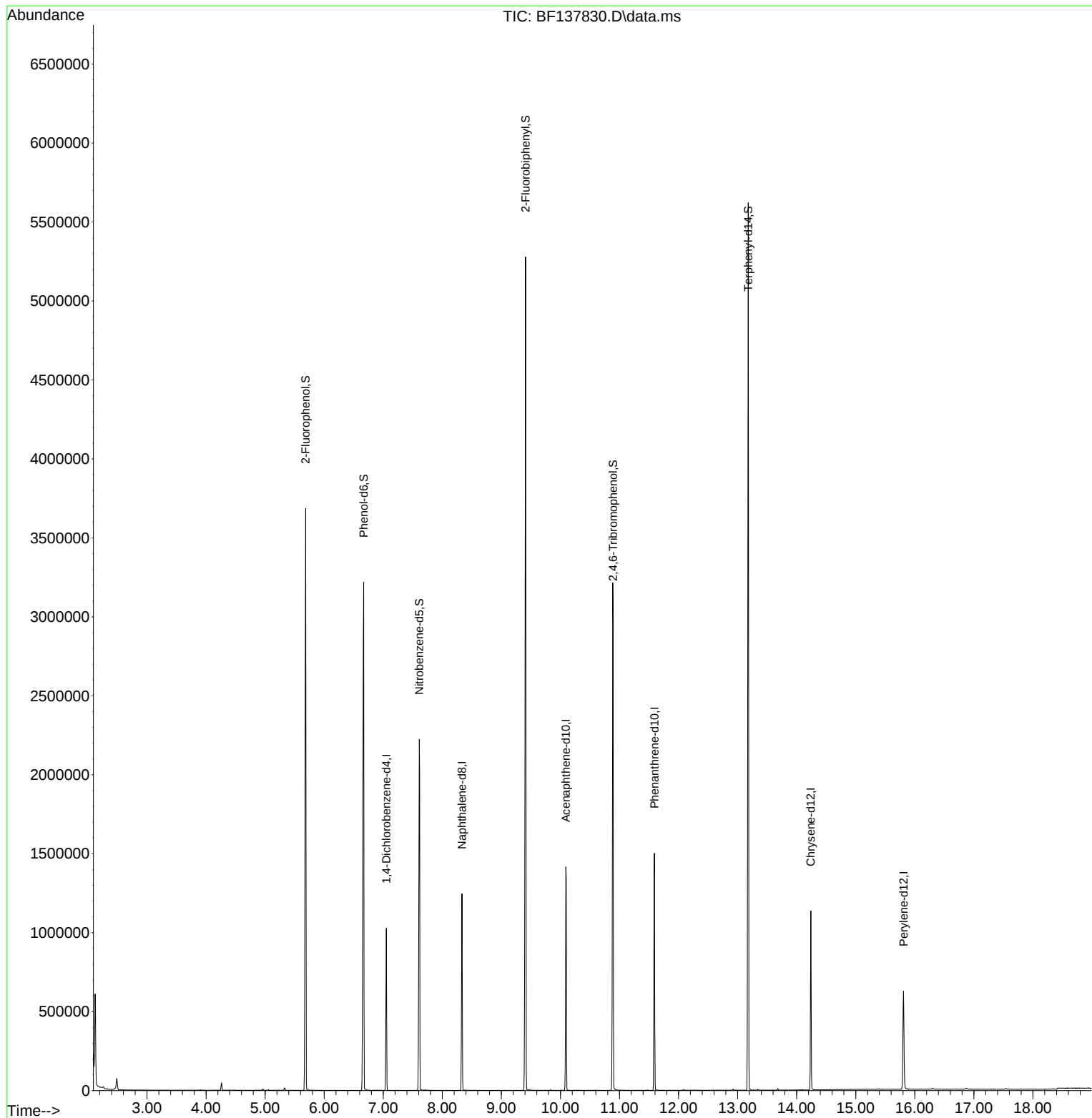
Target Compounds	Qvalue

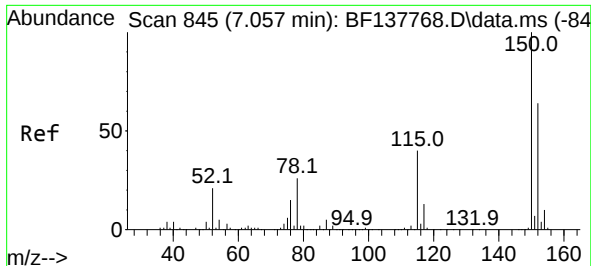
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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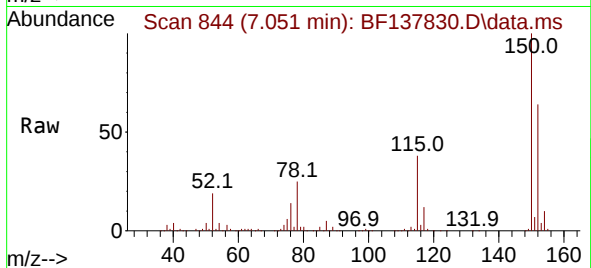
Quant Time: May 03 16:44:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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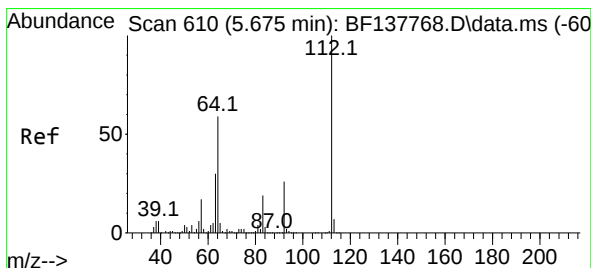
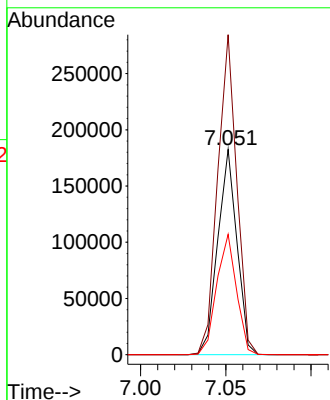
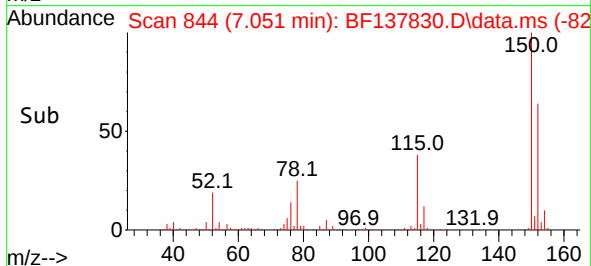


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

Instrument :
BNA_F
ClientSampleId :
PB160673TB

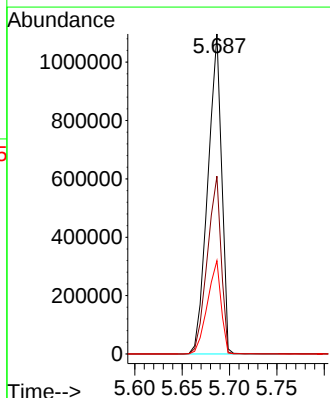
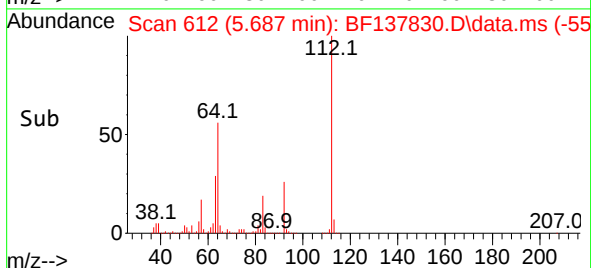
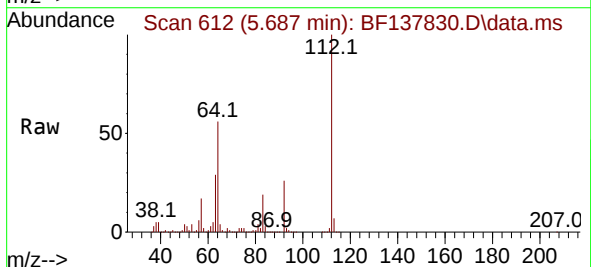


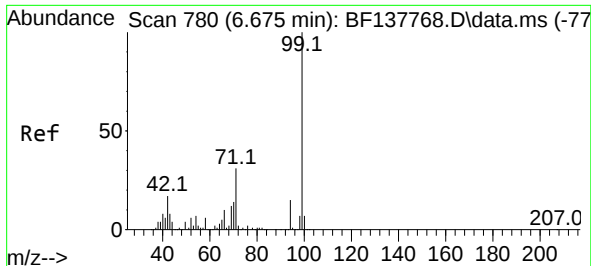
Tgt Ion:152 Resp: 143024
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 58.6 49.1 73.7



#5
2-Fluorophenol
Concen: 129.917 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

Tgt Ion:112 Resp: 1109796
Ion Ratio Lower Upper
112 100
64 55.5 47.3 70.9
63 29.1 23.7 35.5



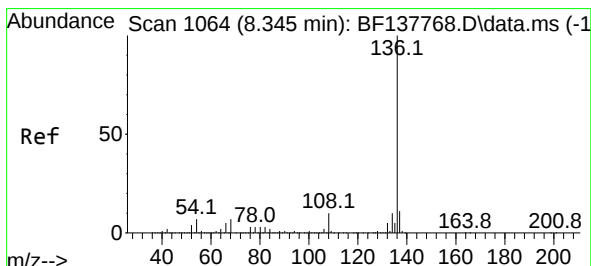
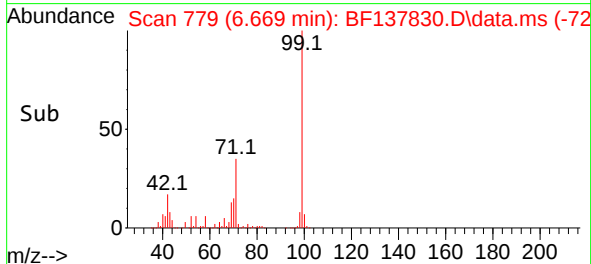
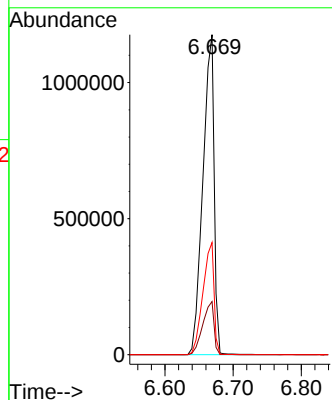
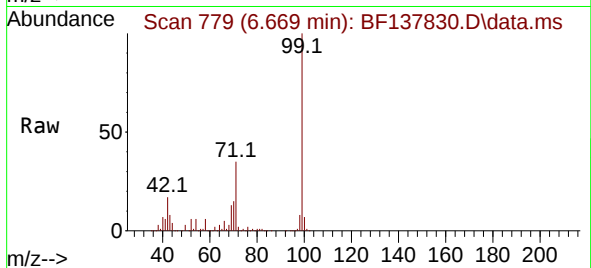


#7
Phenol-d6
Concen: 124.308 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

Instrument :
BNA_F
ClientSampleId :
PB160673TB

Tgt Ion: 99 Resp: 1346901

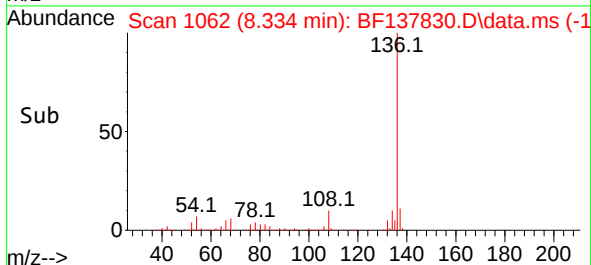
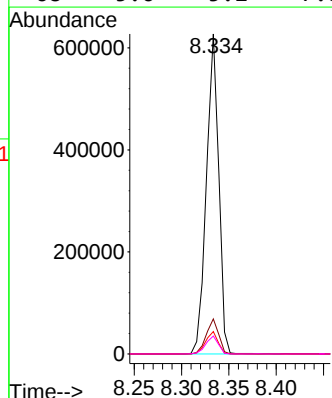
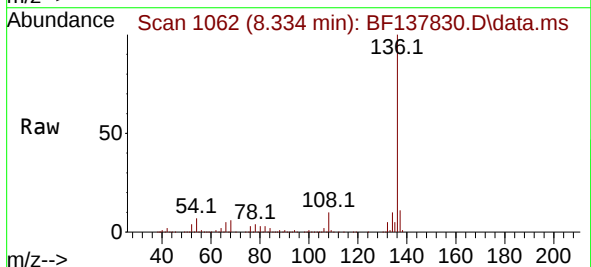
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.2	19.8
71	35.1	25.0	37.4

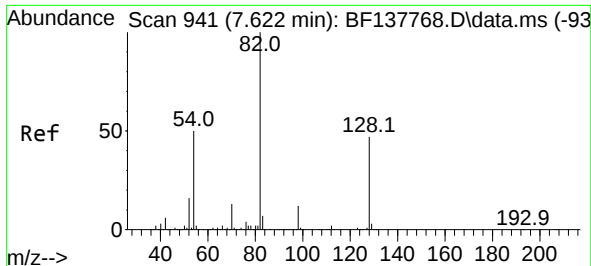


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

Tgt Ion: 136 Resp: 565152

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	5.8	8.8
68	5.6	5.2	7.8





#23

Nitrobenzene-d5

Concen: 87.819 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137830.D

Acq: 03 May 2024 15:34

Instrument :

BNA_F

ClientSampleId :

PB160673TB

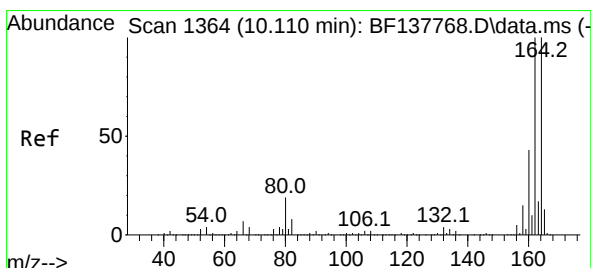
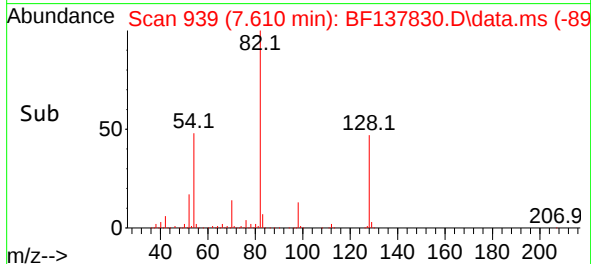
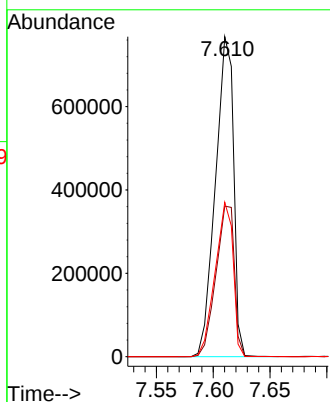
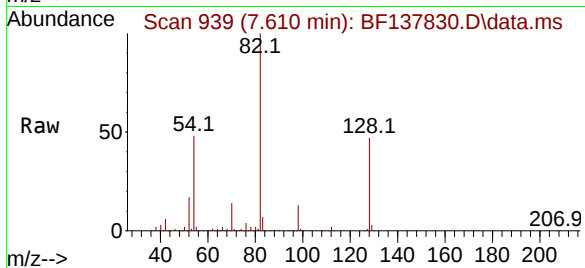
Tgt Ion: 82 Resp: 854259

Ion Ratio Lower Upper

82 100

128 47.0 37.5 56.3

54 48.2 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.018 min

Lab File: BF137830.D

Acq: 03 May 2024 15:34

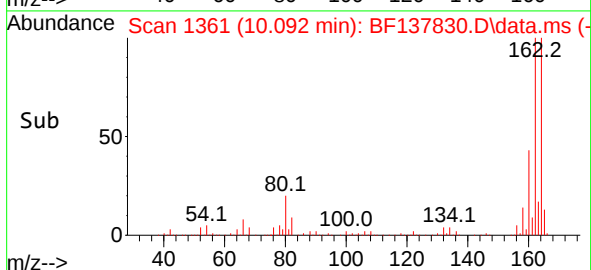
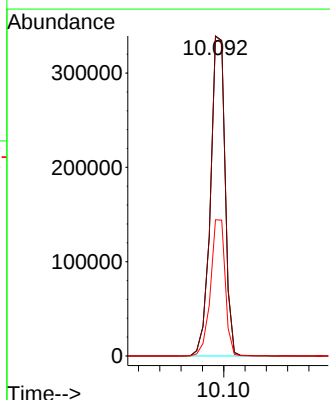
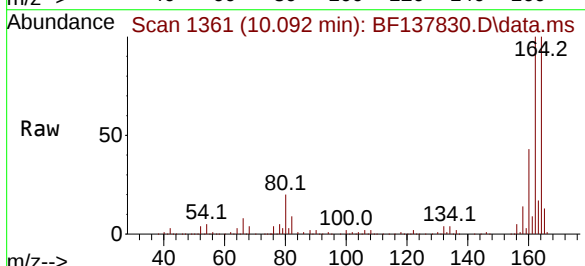
Tgt Ion: 164 Resp: 322240

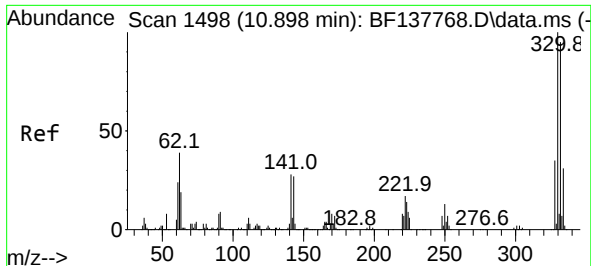
Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.6

160 42.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 137.226 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137830.D

Acq: 03 May 2024 15:34

Instrument :

BNA_F

ClientSampleId :

PB160673TB

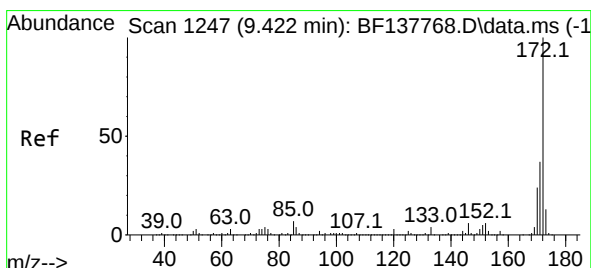
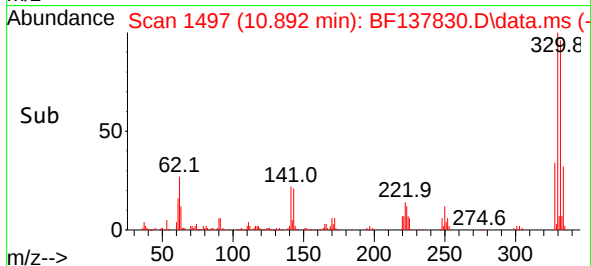
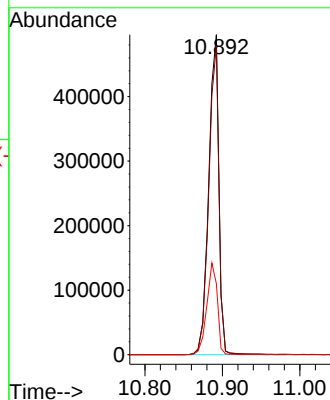
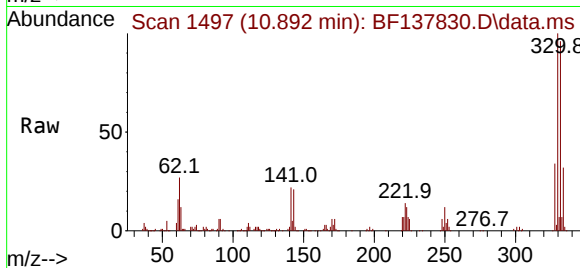
Tgt Ion:330 Resp: 451494

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 29.8 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 90.676 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137830.D

Acq: 03 May 2024 15:34

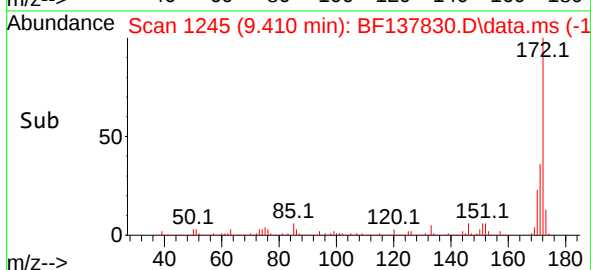
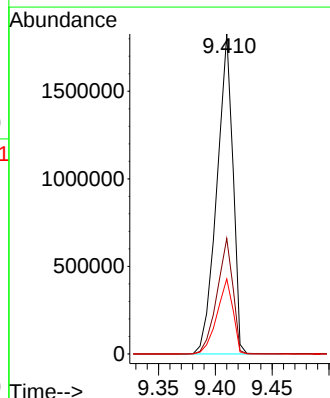
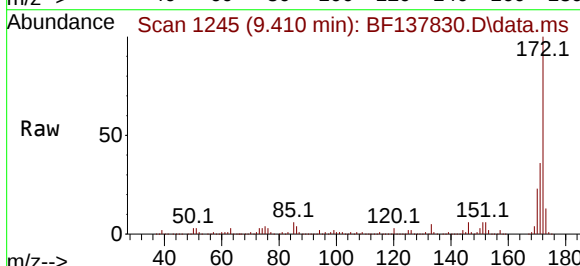
Tgt Ion:172 Resp: 1801035

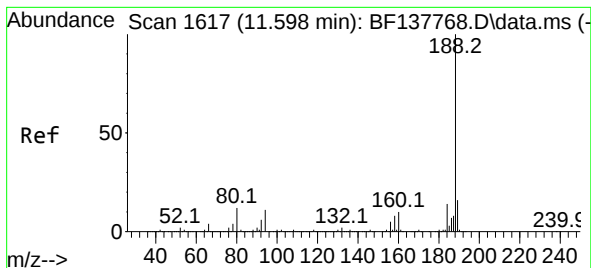
Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

170 23.5 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: BF137830.D

Acq: 03 May 2024 15:34

Instrument :

BNA_F

ClientSampleId :

PB160673TB

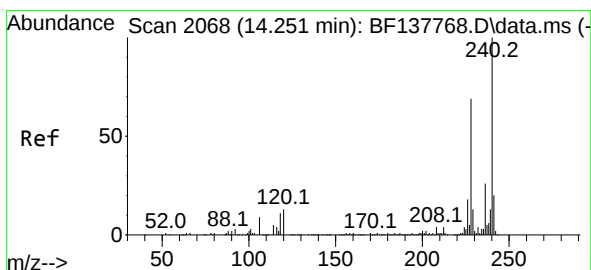
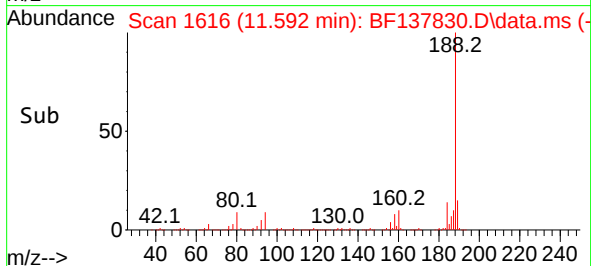
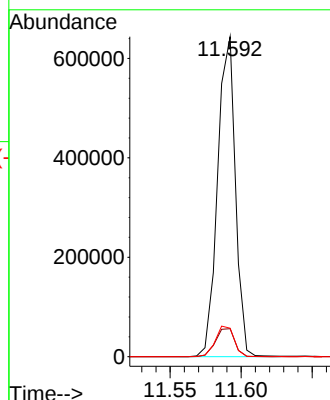
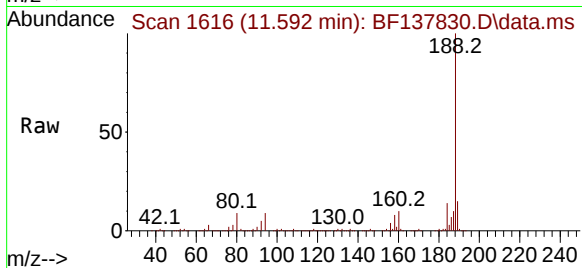
Tgt Ion:188 Resp: 560488

Ion Ratio Lower Upper

188 100

94 8.7 8.8 13.2#

80 8.9 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: BF137830.D

Acq: 03 May 2024 15:34

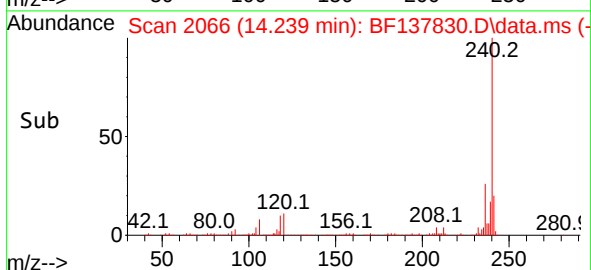
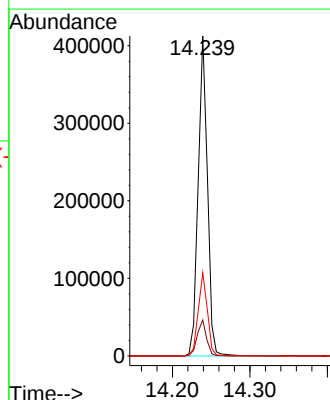
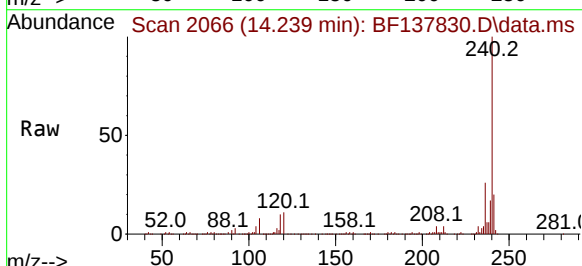
Tgt Ion:240 Resp: 343367

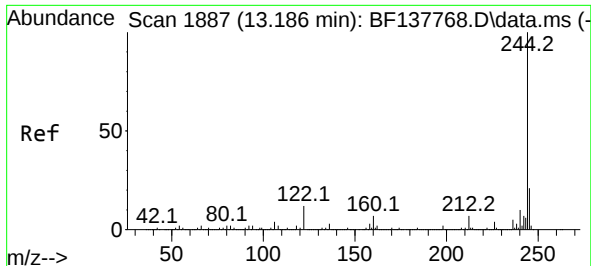
Ion Ratio Lower Upper

240 100

120 11.2 10.4 15.6

236 26.0 20.4 30.6

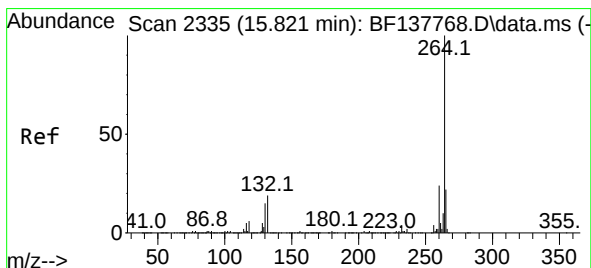
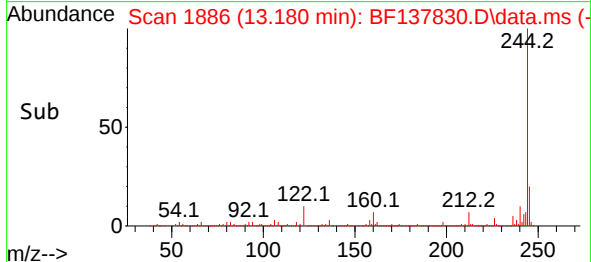
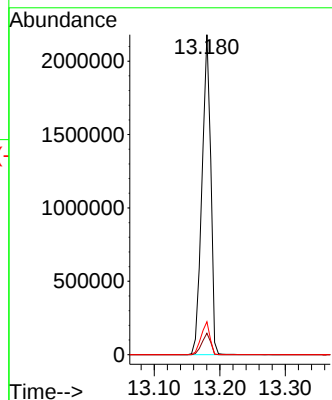
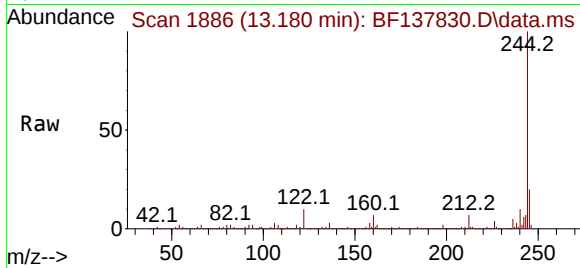




#79
 Terphenyl-d14
 Concen: 99.031 ng
 RT: 13.180 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137830.D
 Acq: 03 May 2024 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB160673TB

Tgt Ion:244 Resp: 2029048
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.3 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.810 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137830.D
 Acq: 03 May 2024 15:34

Tgt Ion:264 Resp: 308778
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 21.1 17.4 26.0

