

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130643.D
 Acq On : 13 Oct 2022 12:50
 Operator : CG\JU
 Sample : PB148164TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148164TB

Quant Time: Oct 14 05:58:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.586	152	97867	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	398752	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	222723	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	398867	20.000	ng	0.00
76) Chrysene-d12	13.727	240	310639	20.000	ng	0.00
86) Perylene-d12	15.104	264	248180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.198	112	688514	126.813	ng	0.01
7) Phenol-d6	6.239	99	860108	126.000	ng	0.00
23) Nitrobenzene-d5	7.157	82	537351	73.565	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	292430	134.183	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1122224	76.323	ng	0.00
79) Terphenyl-d14	12.686	244	1408033	75.231	ng	0.00

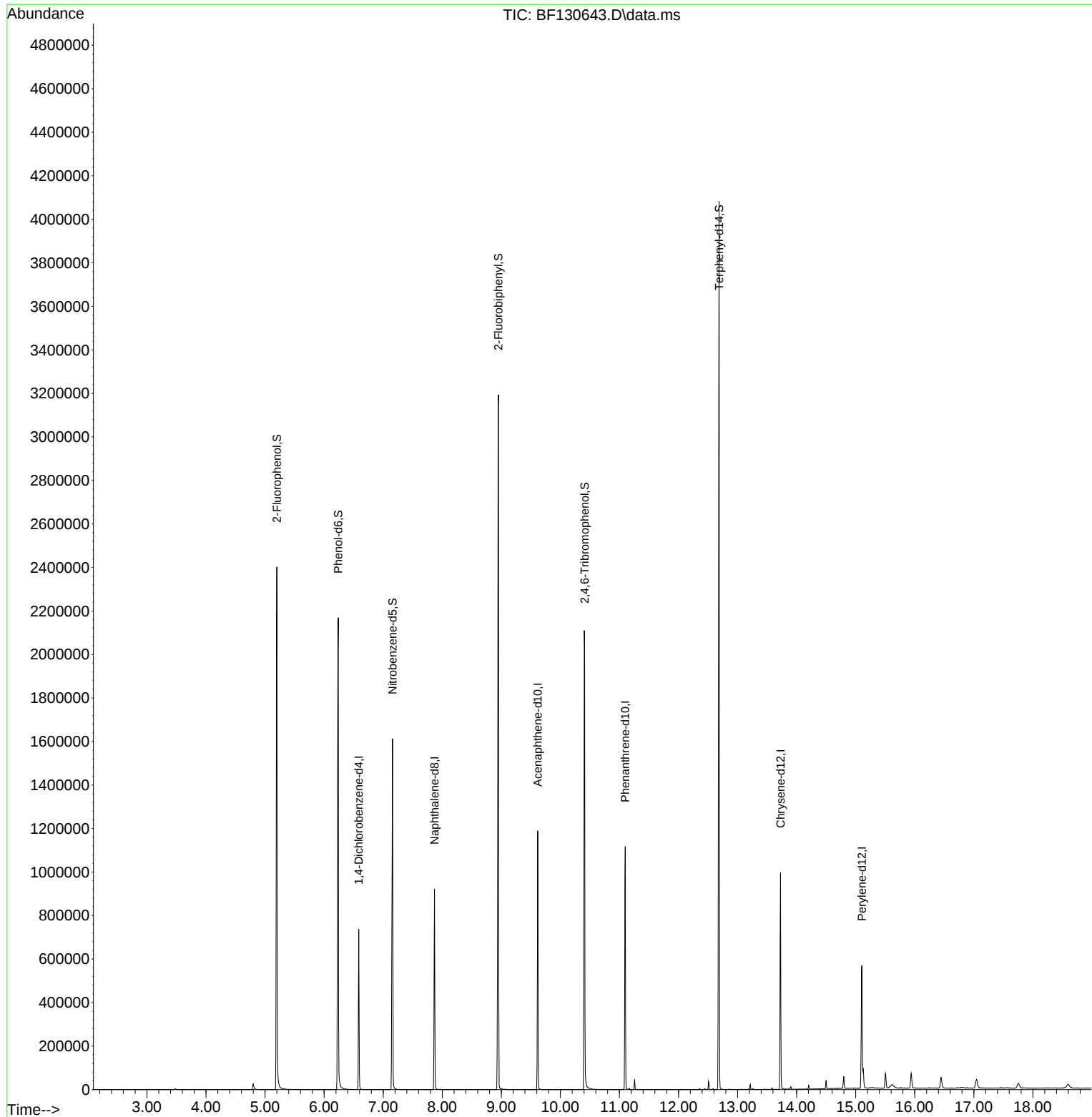
Target Compounds Qvalue

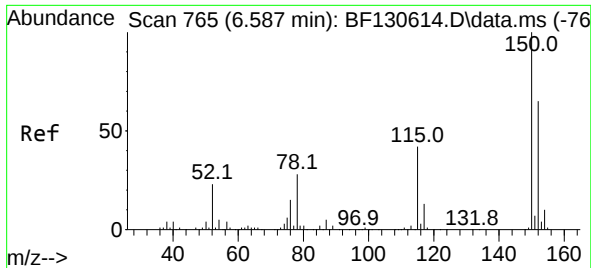
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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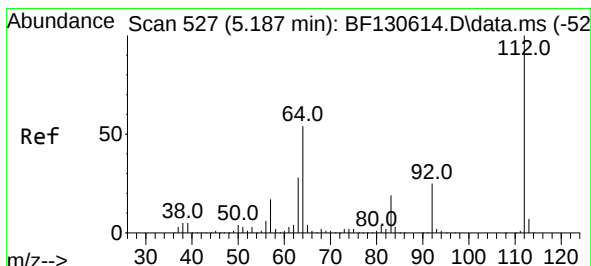
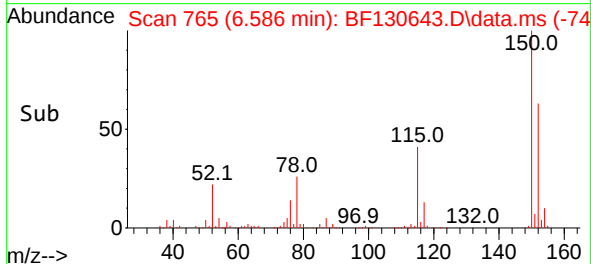
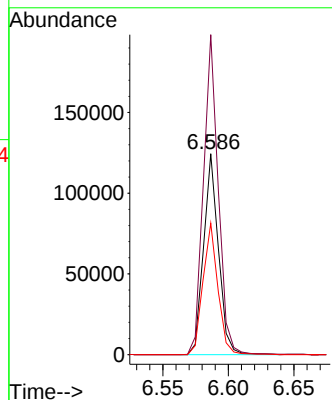
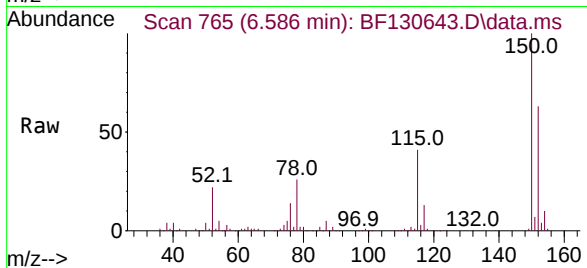




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.586 min Scan# 70
Delta R.T. -0.001 min
Lab File: BF130643.D
Acq: 13 Oct 2022 12:50

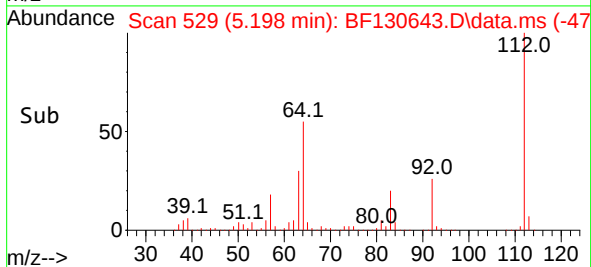
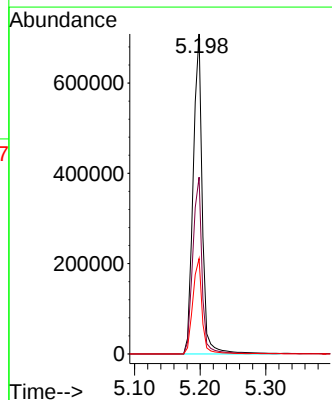
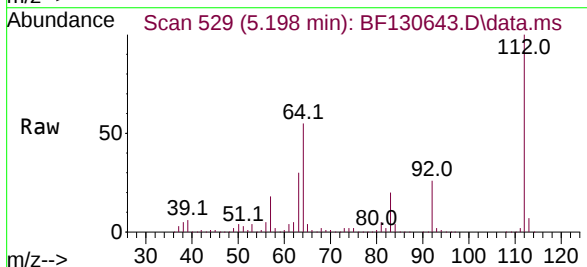
Instrument :
BNA_F
ClientSampleId :
PB148164TB

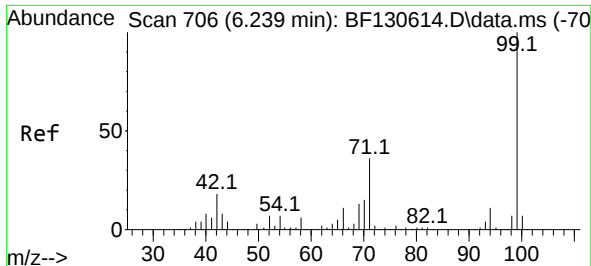
Tgt Ion:152 Resp: 97867
Ion Ratio Lower Upper
152 100
150 159.2 123.8 185.6
115 65.5 52.2 78.4



#5
2-Fluorophenol
Concen: 126.813 ng
RT: 5.198 min Scan# 529
Delta R.T. 0.012 min
Lab File: BF130643.D
Acq: 13 Oct 2022 12:50

Tgt Ion:112 Resp: 688514
Ion Ratio Lower Upper
112 100
64 55.2 43.5 65.3
63 29.8 22.6 34.0

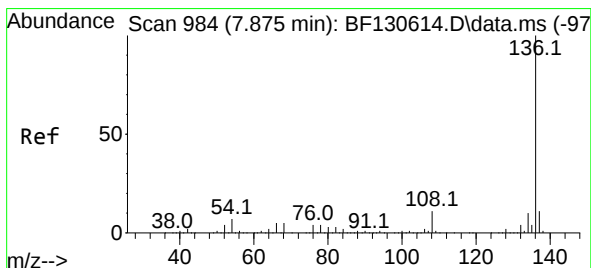
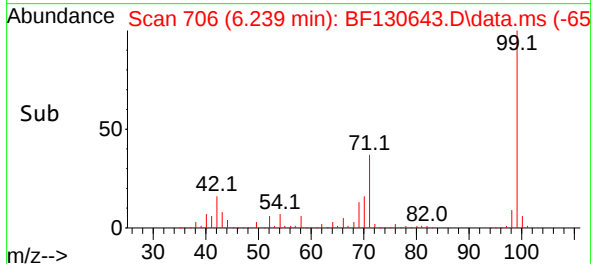
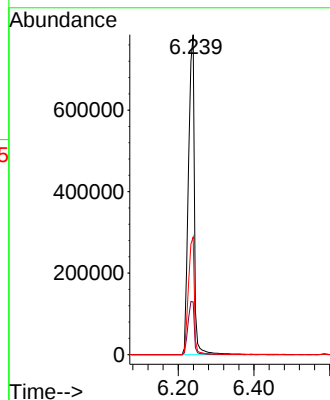
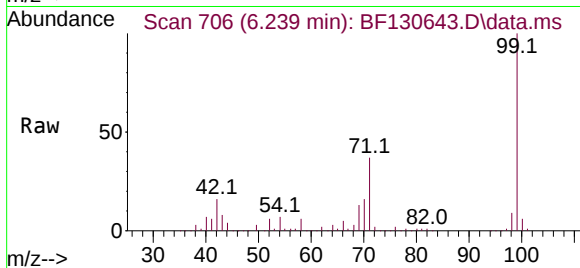




#7
Phenol-d6
Concen: 126.000 ng
RT: 6.239 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF130643.D
Acq: 13 Oct 2022 12:50

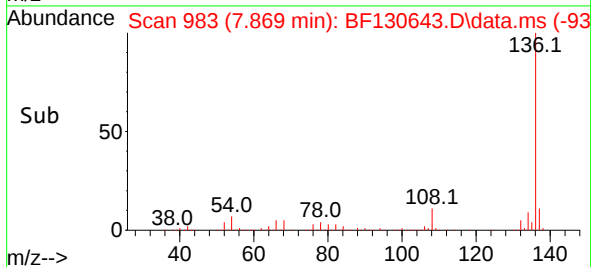
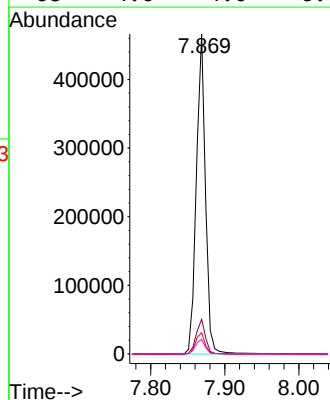
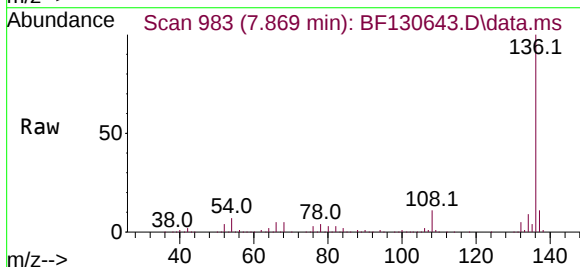
Instrument :
BNA_F
ClientSampleId :
PB148164TB

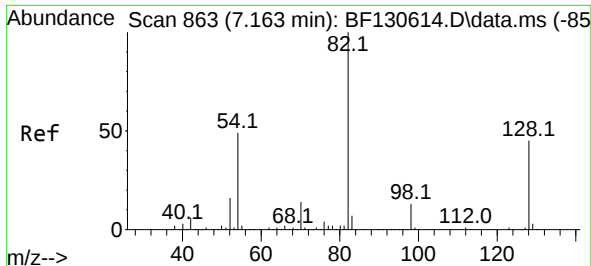
Tgt Ion: 99 Resp: 860108
Ion Ratio Lower Upper
99 100
42 16.5 14.0 21.0
71 36.7 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF130643.D
Acq: 13 Oct 2022 12:50

Tgt Ion: 136 Resp: 398752
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.6 5.5 8.3
68 4.6 4.0 6.0





#23

Nitrobenzene-d5

Concen: 73.565 ng

RT: 7.157 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF130643.D

Acq: 13 Oct 2022 12:50

Instrument :

BNA_F

ClientSampleId :

PB148164TB

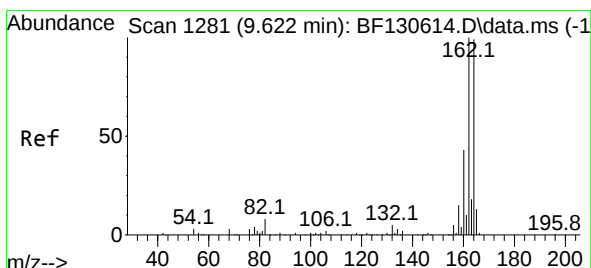
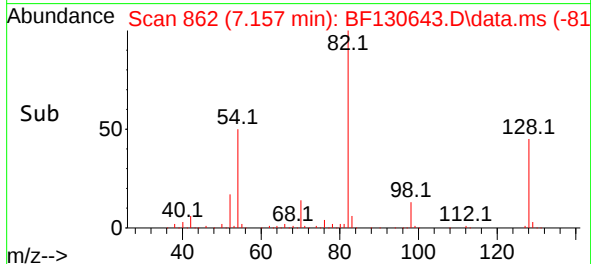
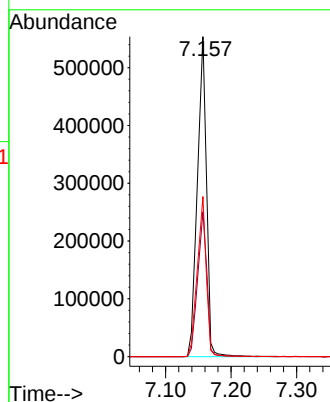
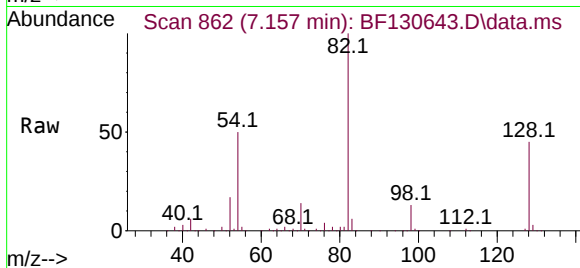
Tgt Ion: 82 Resp: 537351

Ion Ratio Lower Upper

82 100

128 45.3 35.8 53.6

54 50.0 39.3 58.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BF130643.D

Acq: 13 Oct 2022 12:50

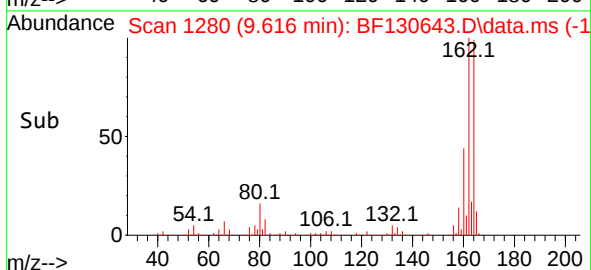
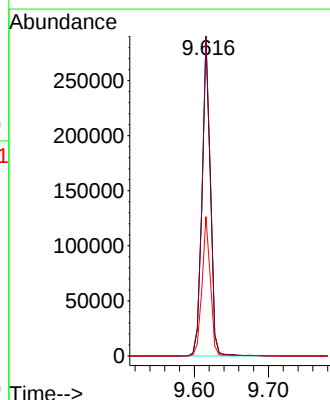
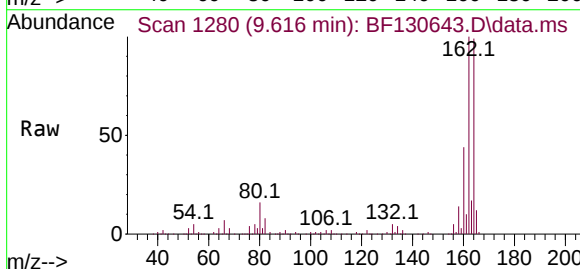
Tgt Ion:164 Resp: 222723

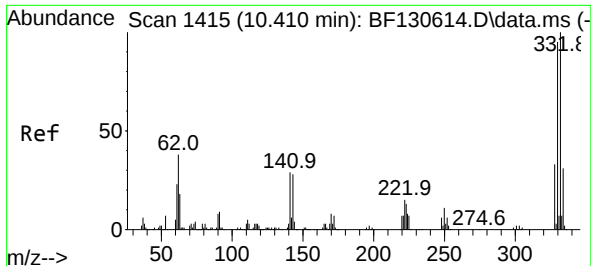
Ion Ratio Lower Upper

164 100

162 101.2 81.0 121.4

160 44.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 134.183 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130643.D

Acq: 13 Oct 2022 12:50

Instrument :

BNA_F

ClientSampleId :

PB148164TB

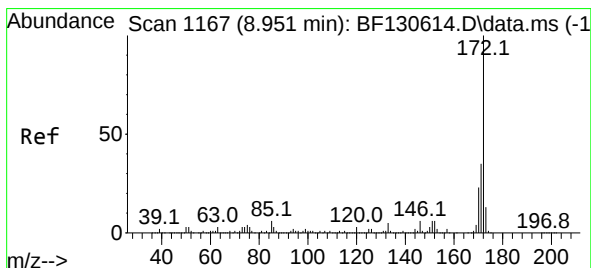
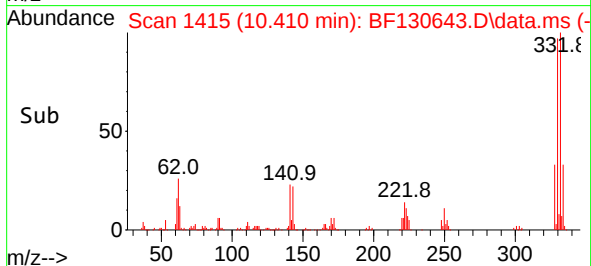
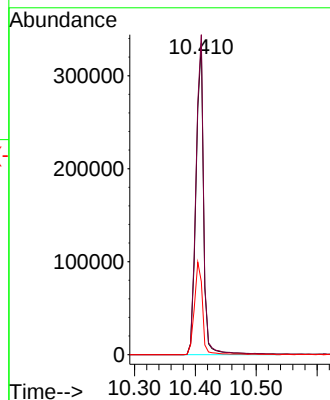
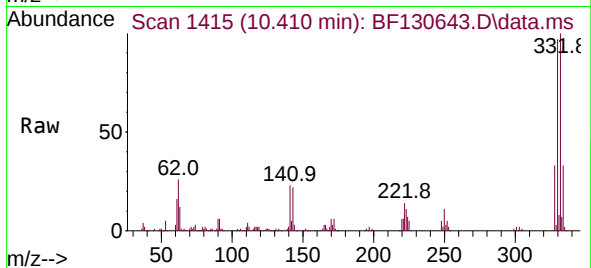
Tgt Ion:330 Resp: 292430

Ion Ratio Lower Upper

330 100

332 102.7 84.2 126.4

141 31.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 76.323 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF130643.D

Acq: 13 Oct 2022 12:50

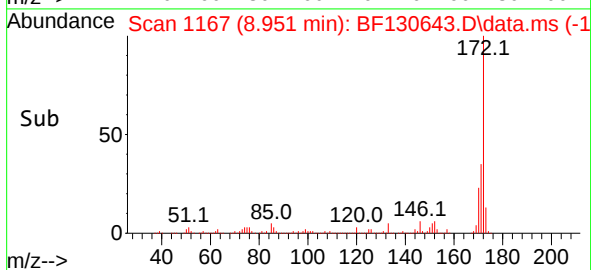
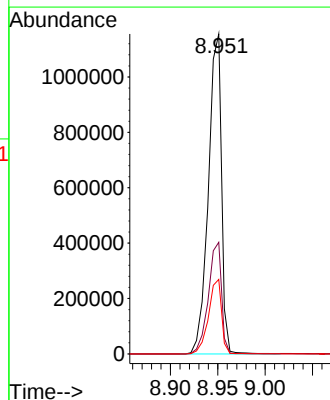
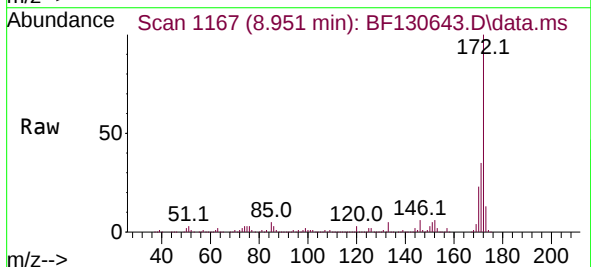
Tgt Ion:172 Resp: 1122224

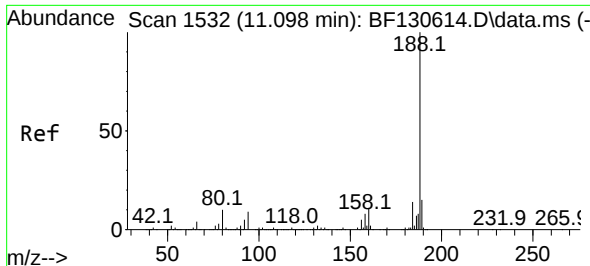
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

170 23.3 18.6 27.8

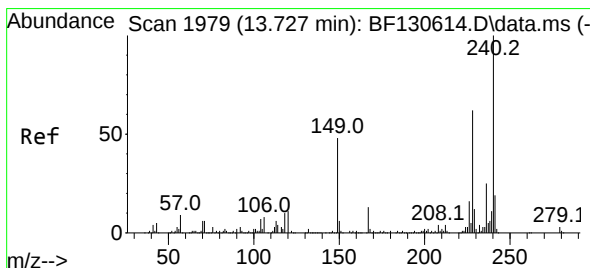
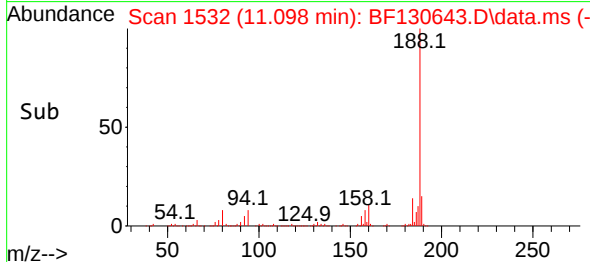
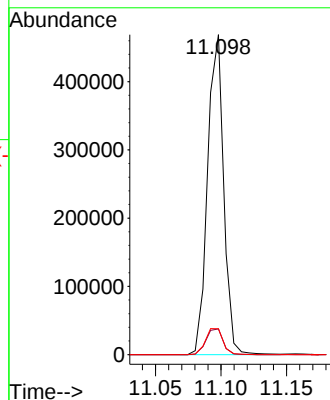
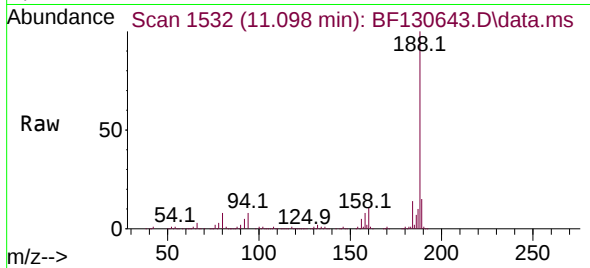




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130643.D
Acq: 13 Oct 2022 12:50

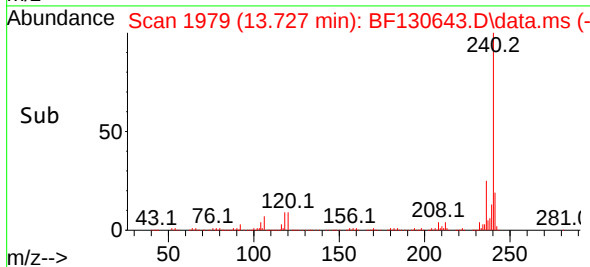
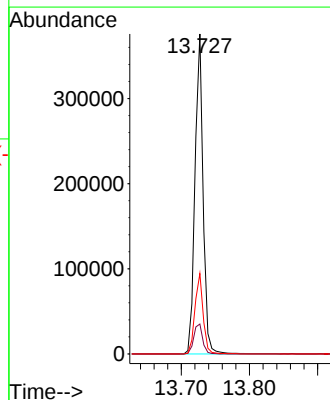
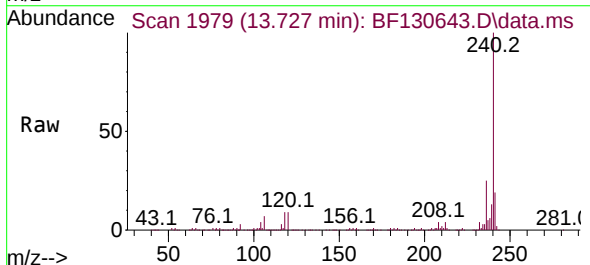
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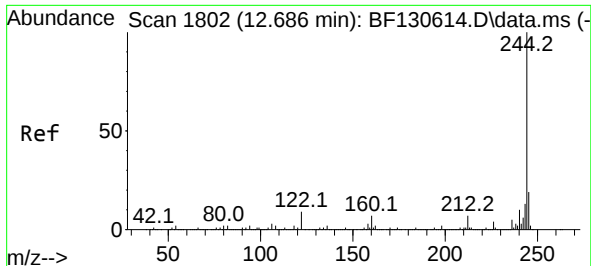
Tgt Ion:188 Resp: 398867
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.1 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BF130643.D
Acq: 13 Oct 2022 12:50

Tgt Ion:240 Resp: 310639
Ion Ratio Lower Upper
240 100
120 9.3 8.6 13.0
236 25.1 20.2 30.4

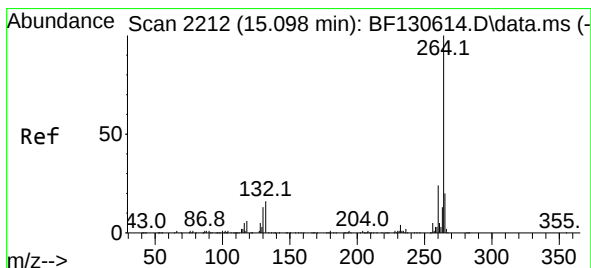
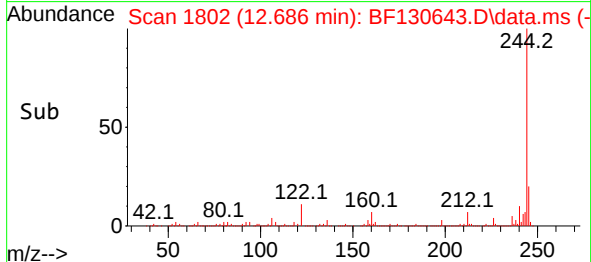
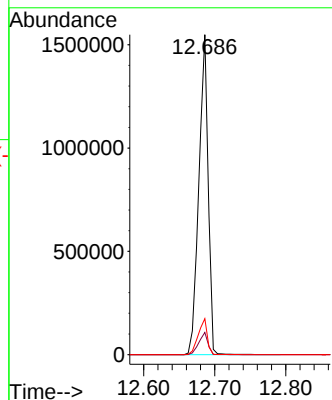
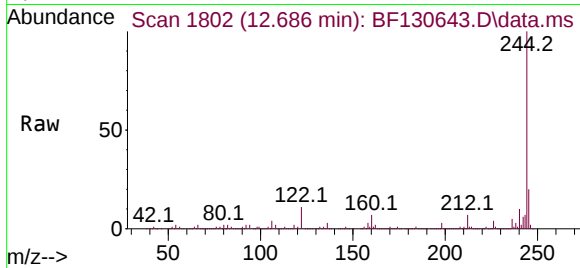




#79
 Terphenyl-d14
 Concen: 75.231 ng
 RT: 12.686 min Scan# 1802
 Delta R.T. -0.000 min
 Lab File: BF130643.D
 Acq: 13 Oct 2022 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB148164TB

Tgt Ion:244 Resp: 1408033
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.104 min Scan# 2213
 Delta R.T. 0.006 min
 Lab File: BF130643.D
 Acq: 13 Oct 2022 12:50

Tgt Ion:264 Resp: 248180
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.6 16.4 24.6

