

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130584.D
 Acq On : 07 Oct 2022 20:16
 Operator : CG\JU
 Sample : N5046-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-4

Quant Time: Oct 10 01:46:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	82279	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	314845	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	151768	20.000	ng	-0.01
64) Phenanthrene-d10	11.122	188	212920	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	165918	20.000	ng	-0.01
86) Perylene-d12	15.133	264	193627	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	530451	111.821	ng	0.00
7) Phenol-d6	6.257	99	650705	109.628	ng	-0.01
23) Nitrobenzene-d5	7.181	82	416366	67.562	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	142973	98.315	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	772308	74.102	ng	-0.01
79) Terphenyl-d14	12.704	244	578708	57.777	ng	-0.01

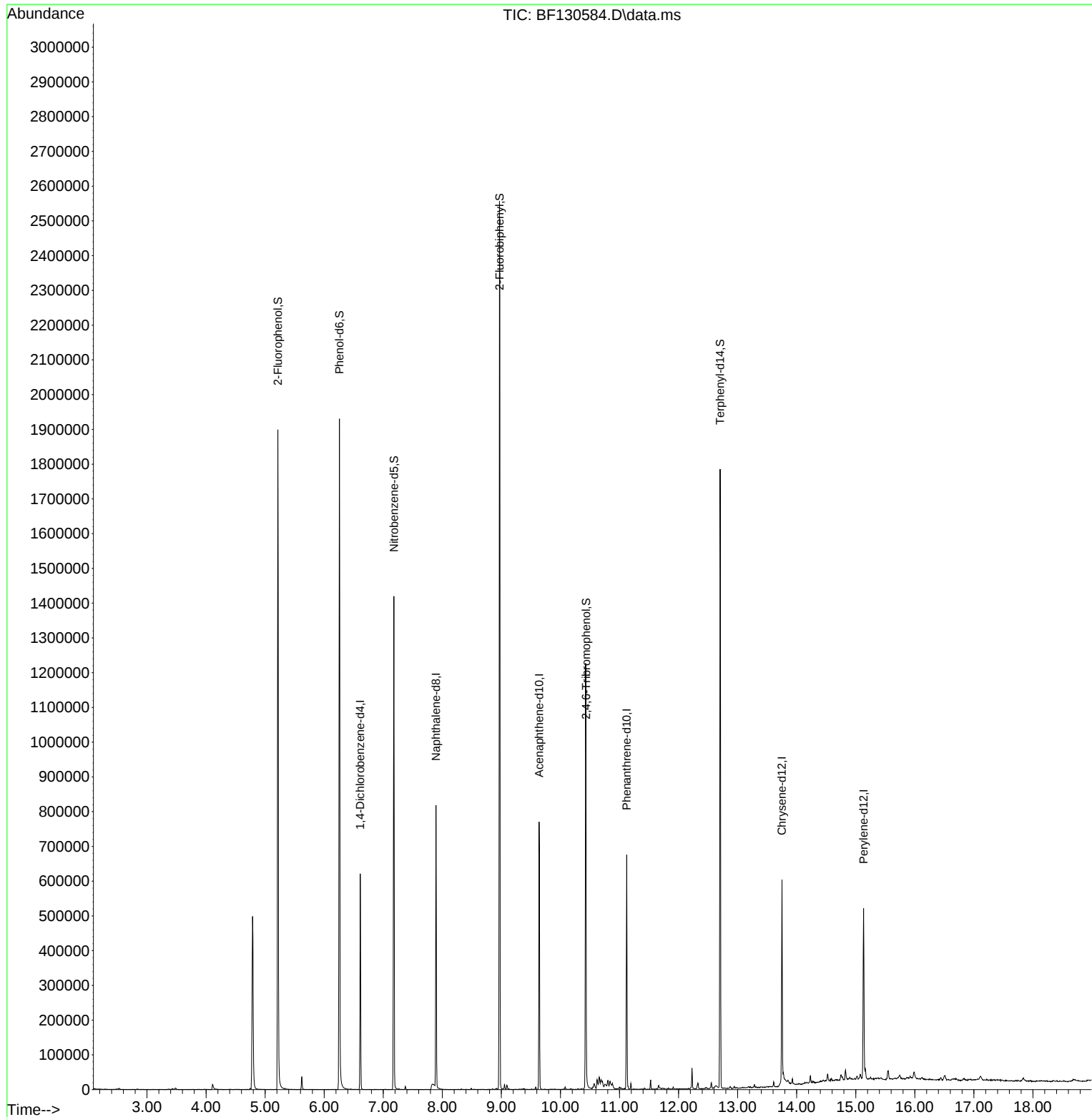
Target Compounds	Qvalue

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

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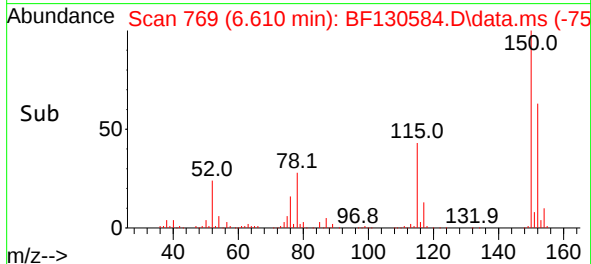
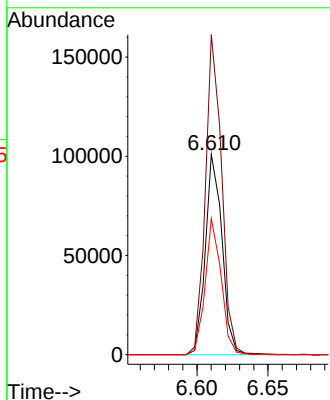
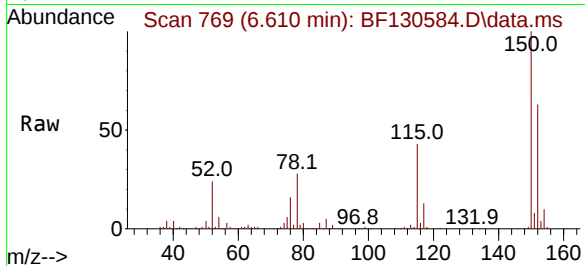




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.610 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: BF130584.D
 Acq: 07 Oct 2022 20:16

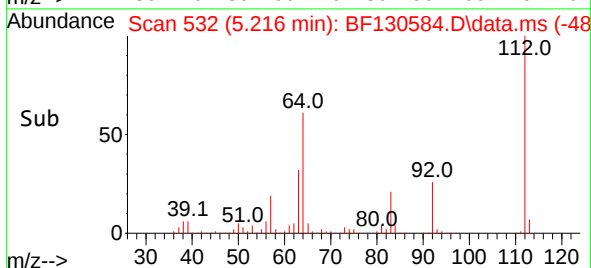
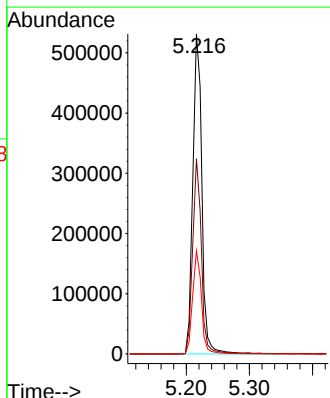
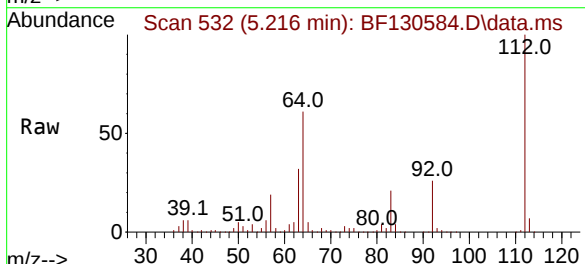
Instrument :
 BNA_F
 ClientSampleId :
 R-4

Tgt Ion:152 Resp: 82279
 Ion Ratio Lower Upper
 152 100
 150 159.8 122.8 184.2
 115 68.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 111.821 ng
 RT: 5.216 min Scan# 532
 Delta R.T. -0.000 min
 Lab File: BF130584.D
 Acq: 07 Oct 2022 20:16

Tgt Ion:112 Resp: 530451
 Ion Ratio Lower Upper
 112 100
 64 61.0 51.4 77.0
 63 32.2 28.8 43.2

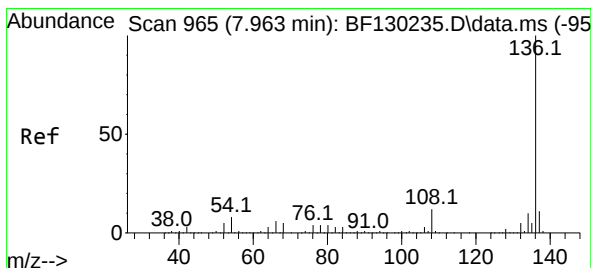
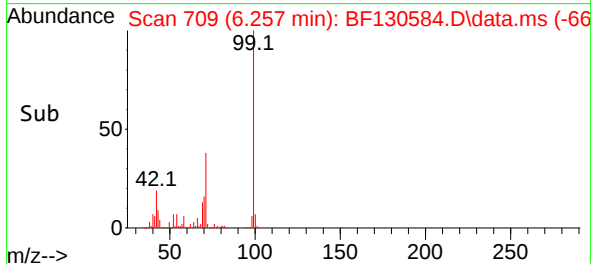
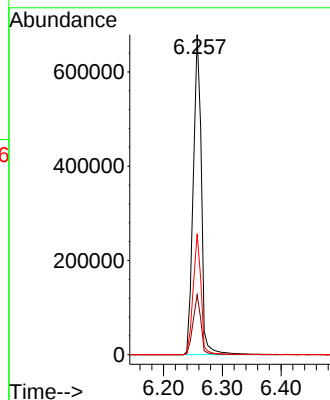
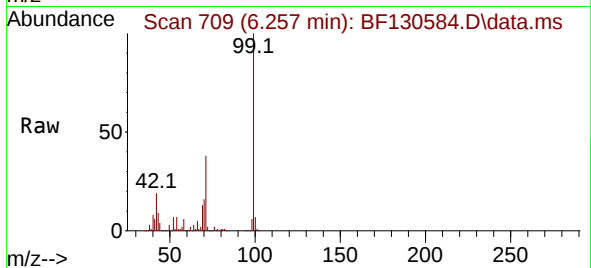




#7
Phenol-d6
Concen: 109.628 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

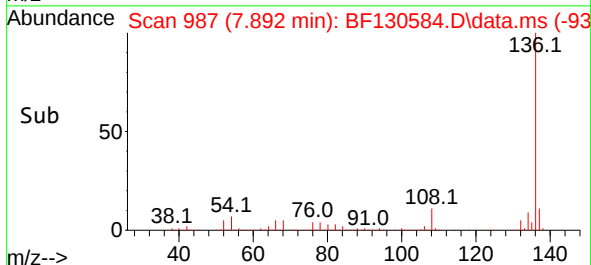
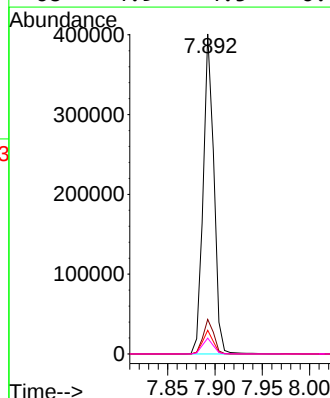
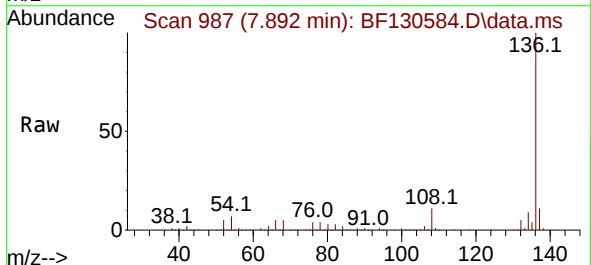
Instrument :
BNA_F
ClientSampleId :
R-4

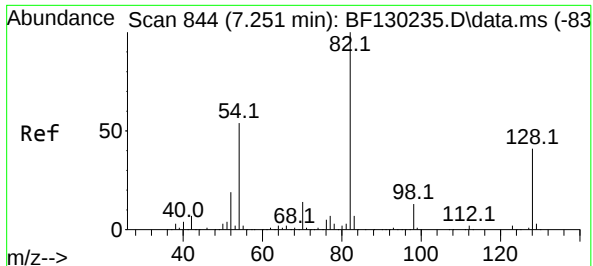
Tgt Ion: 99 Resp: 650705
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 37.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF130584.D
Acq: 07 Oct 2022 20:16

Tgt Ion: 136 Resp: 314845
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.4 7.1 10.7
68 4.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 67.562 ng

RT: 7.181 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF130584.D

Acq: 07 Oct 2022 20:16

Instrument :

BNA_F

ClientSampleId :

R-4

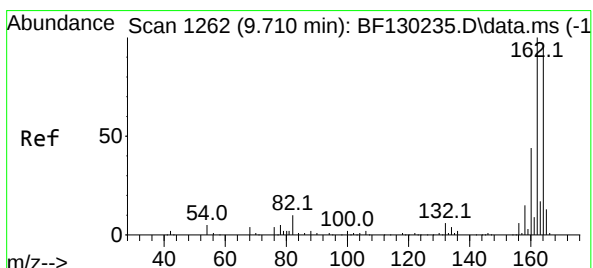
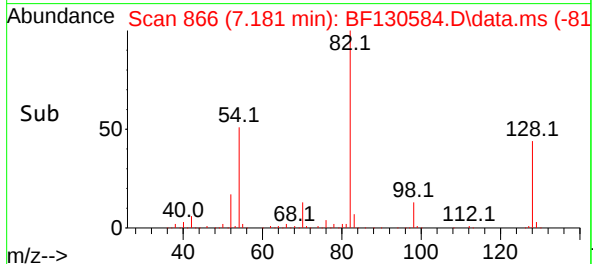
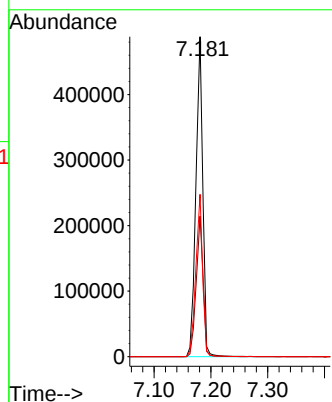
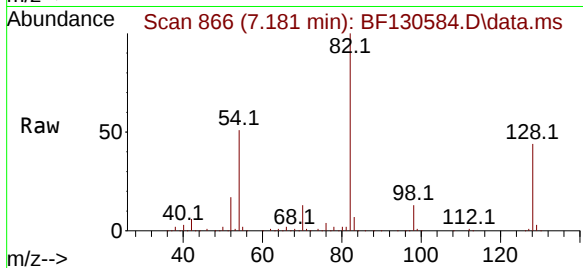
Tgt Ion: 82 Resp: 416366

Ion Ratio Lower Upper

82 100

128 43.9 32.6 49.0

54 50.7 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.012 min

Lab File: BF130584.D

Acq: 07 Oct 2022 20:16

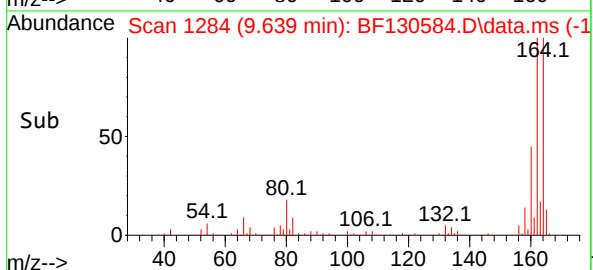
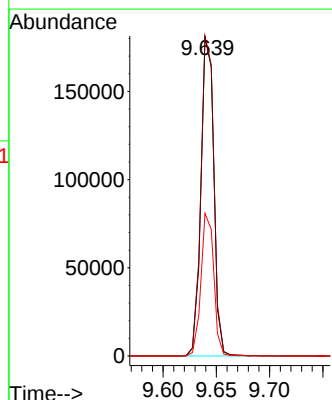
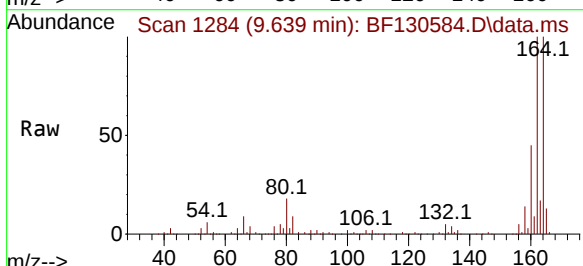
Tgt Ion:164 Resp: 151768

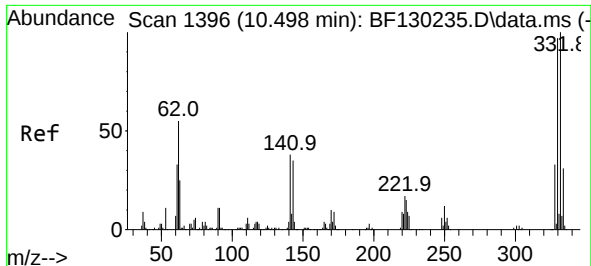
Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

160 44.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 98.315 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF130584.D

Acq: 07 Oct 2022 20:16

Instrument :

BNA_F

ClientSampleId :

R-4

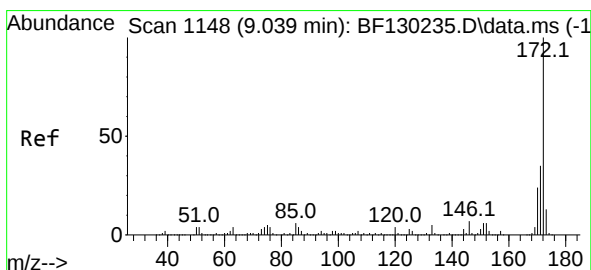
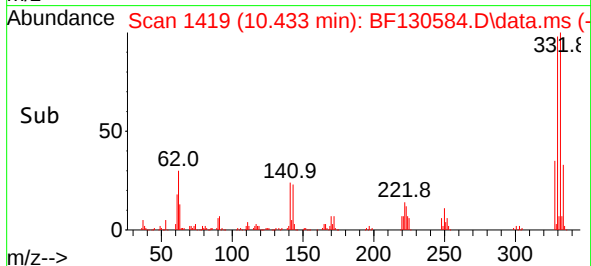
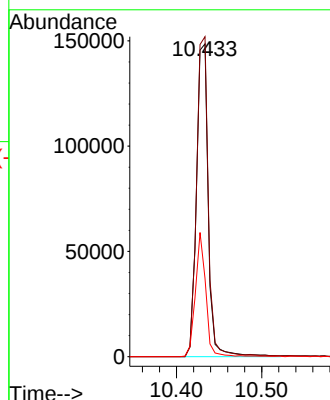
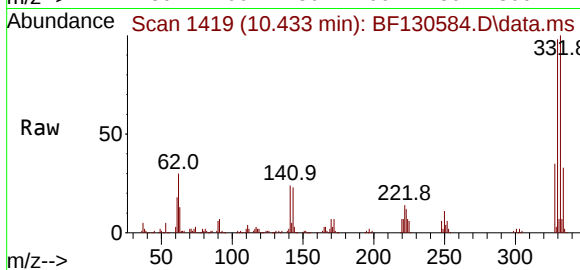
Tgt Ion:330 Resp: 142973

Ion Ratio Lower Upper

330 100

332 102.7 83.4 125.2

141 35.1 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 74.102 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.012 min

Lab File: BF130584.D

Acq: 07 Oct 2022 20:16

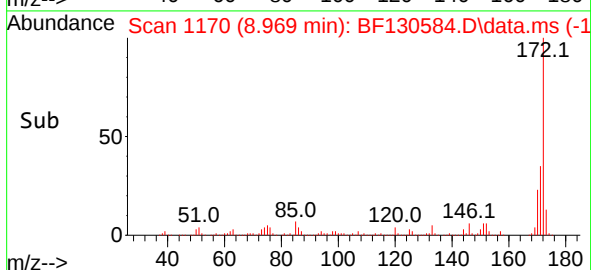
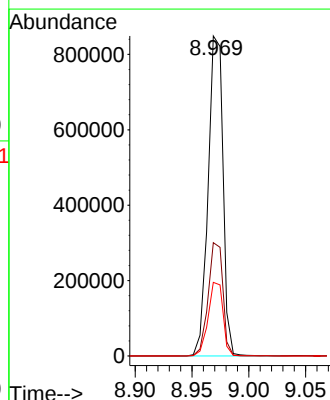
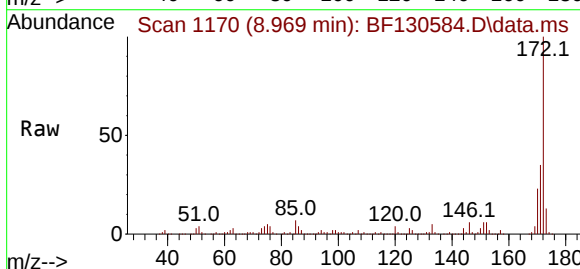
Tgt Ion:172 Resp: 772308

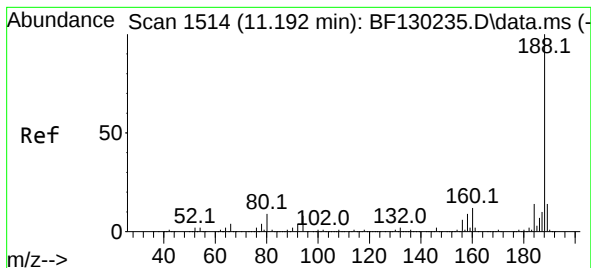
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.122 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130584.D

Acq: 07 Oct 2022 20:16

Instrument :

BNA_F

ClientSampleId :

R-4

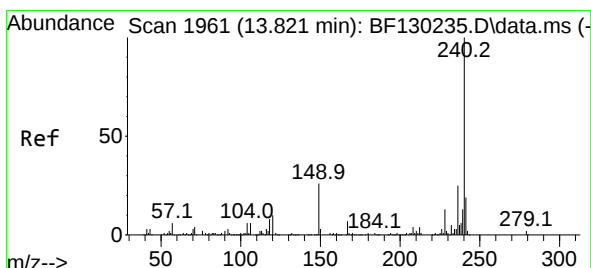
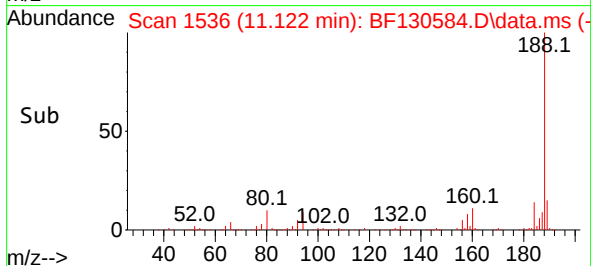
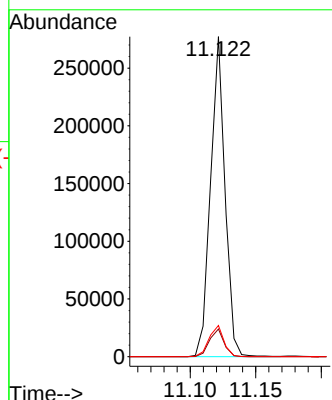
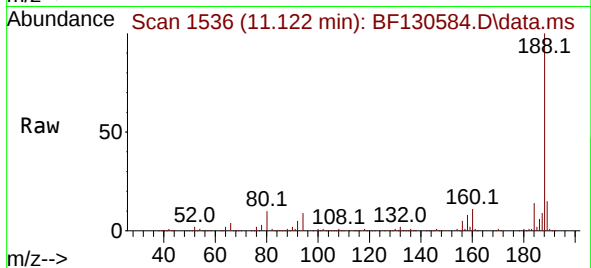
Tgt Ion:188 Resp: 212920

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.751 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BF130584.D

Acq: 07 Oct 2022 20:16

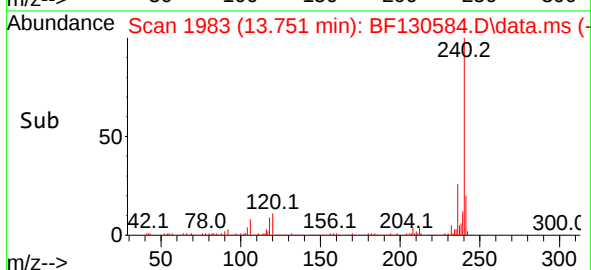
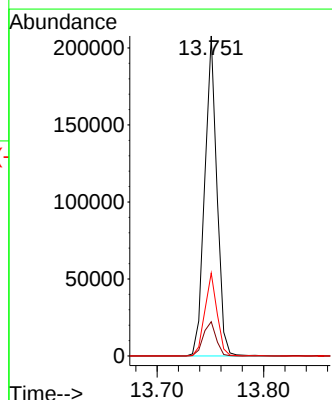
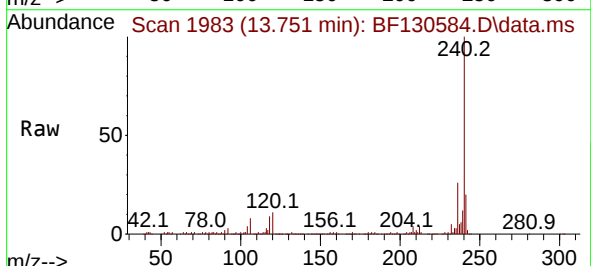
Tgt Ion:240 Resp: 165918

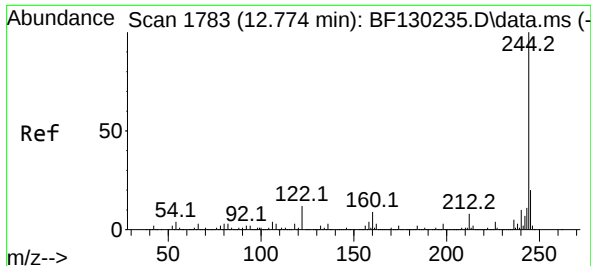
Ion Ratio Lower Upper

240 100

120 10.7 8.7 13.1

236 25.9 20.9 31.3

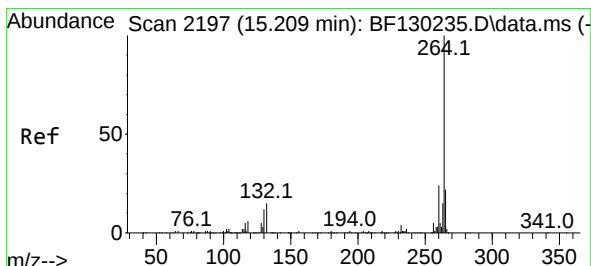
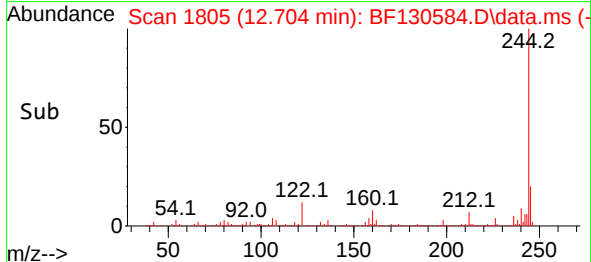
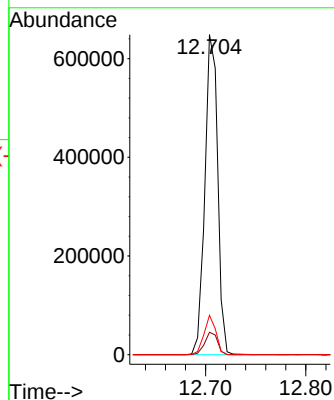
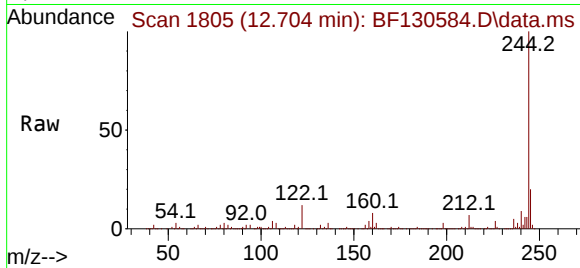




#79
 Terphenyl-d14
 Concen: 57.777 ng
 RT: 12.704 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130584.D
 Acq: 07 Oct 2022 20:16

Instrument :
 BNA_F
 ClientSampleId :
 R-4

Tgt Ion:244 Resp: 578708
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.133 min Scan# 2218
 Delta R.T. -0.012 min
 Lab File: BF130584.D
 Acq: 07 Oct 2022 20:16

Tgt Ion:264 Resp: 193627
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.3 28.9
 265 20.9 17.0 25.4

