

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130580.D
 Acq On : 07 Oct 2022 17:59
 Operator : CG\JU
 Sample : N5046-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-7

Quant Time: Oct 10 01:44:22 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	81766	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	319549	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	194851	20.000	ng	-0.01
64) Phenanthrene-d10	11.122	188	273751	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	203184	20.000	ng	-0.01
86) Perylene-d12	15.133	264	236116	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	536050	113.710	ng	0.00
7) Phenol-d6	6.257	99	601633	101.997	ng	-0.01
23) Nitrobenzene-d5	7.181	82	385184	61.582	ng	-0.01
42) 2,4,6-Tribromophenol	10.427	330	128927	69.054	ng	-0.01
45) 2-Fluorobiphenyl	8.969	172	753646	56.323	ng	-0.01
79) Terphenyl-d14	12.704	244	516300	42.092	ng	-0.01

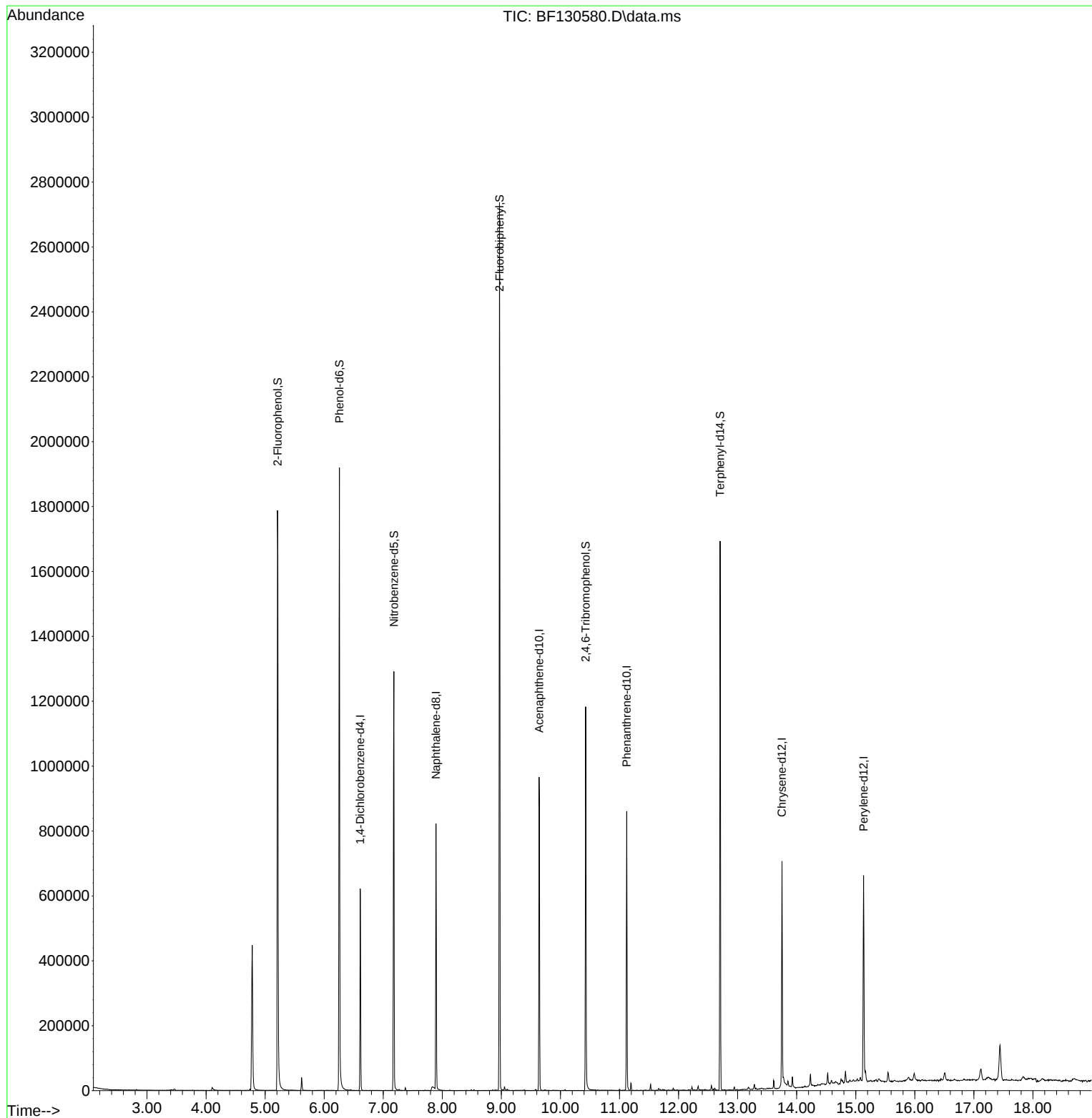
Target Compounds	Qvalue

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

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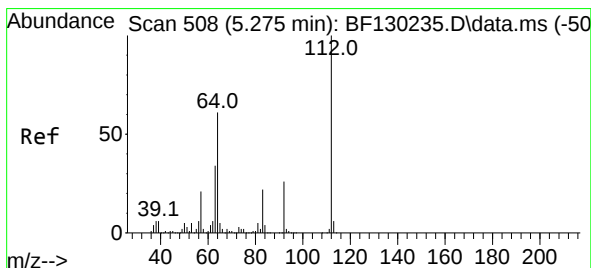
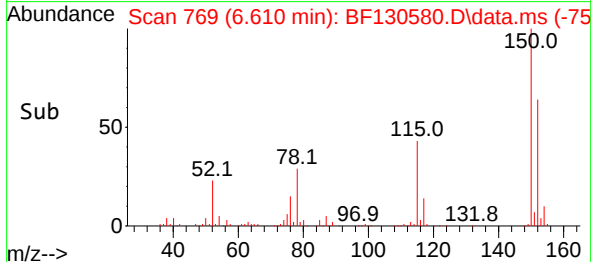
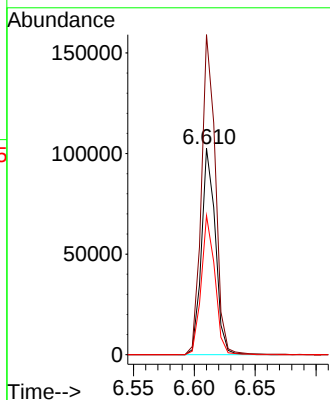
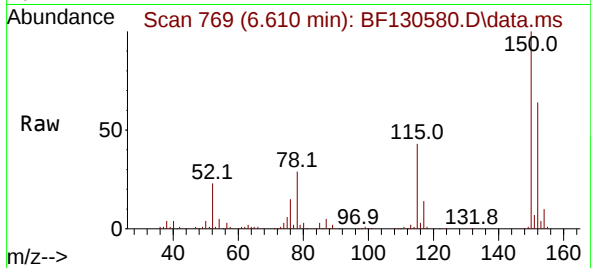




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

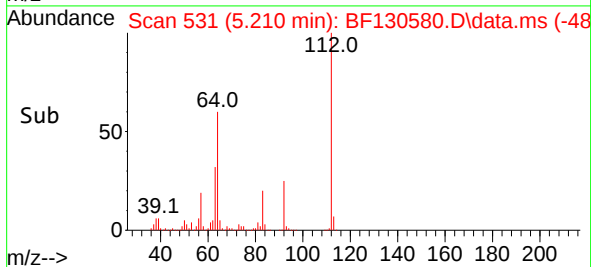
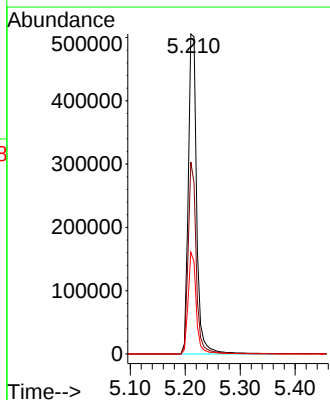
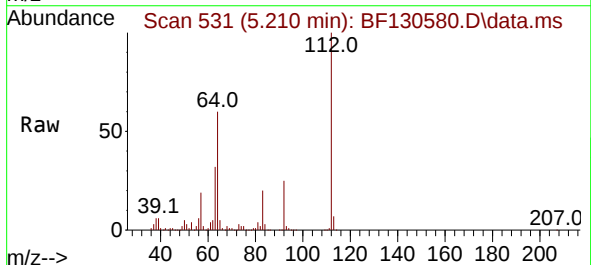
Instrument :
BNA_F
ClientSampleId :
R-7

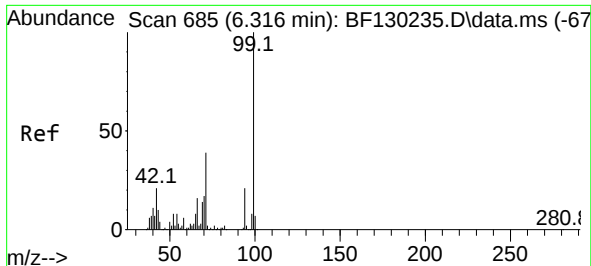
Tgt Ion:152 Resp: 81766
Ion Ratio Lower Upper
152 100
150 155.2 122.8 184.2
115 67.5 53.8 80.8



#5
2-Fluorophenol
Concen: 113.710 ng
RT: 5.210 min Scan# 531
Delta R.T. -0.006 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

Tgt Ion:112 Resp: 536050
Ion Ratio Lower Upper
112 100
64 60.0 51.4 77.0
63 31.8 28.8 43.2

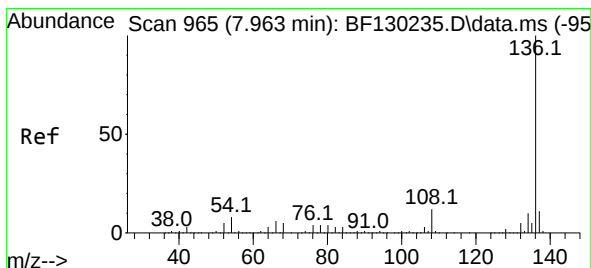
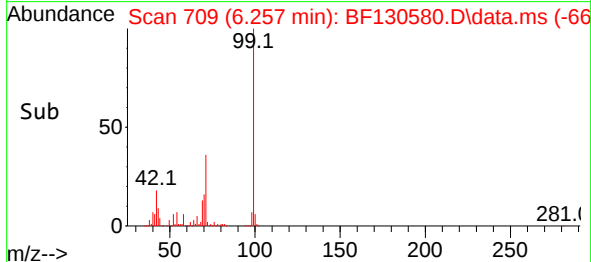
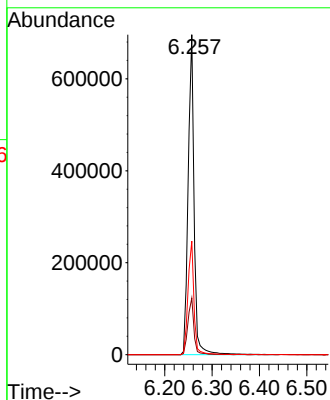
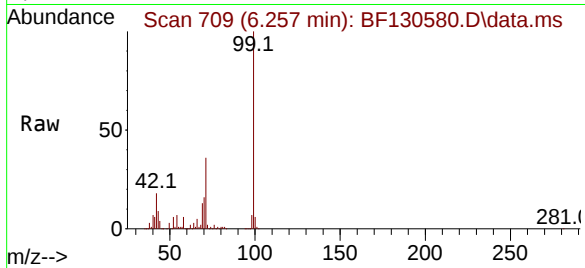




#7
Phenol-d6
Concen: 101.997 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

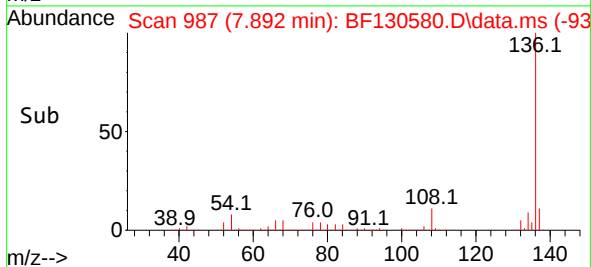
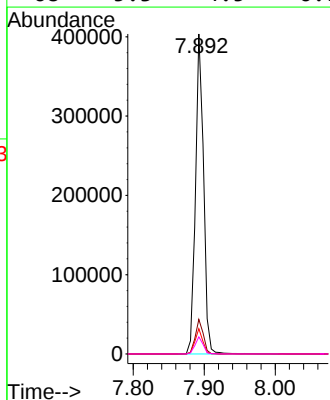
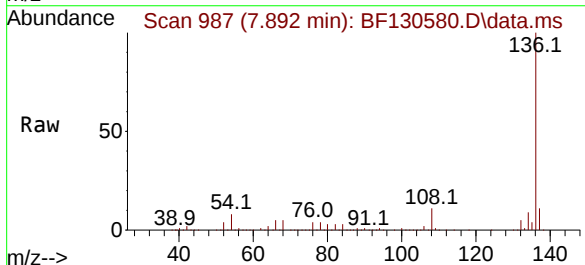
Instrument :
BNA_F
ClientSampleId :
R-7

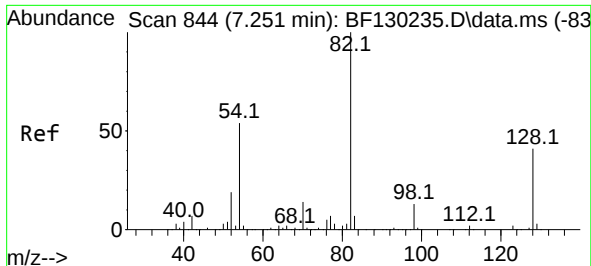
Tgt Ion:	99	Resp:	601633
Ion	Ratio	Lower	Upper
99	100		
42	17.7	17.0	25.6
71	35.5	32.3	48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

Tgt Ion:	136	Resp:	319549
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.9	7.1	10.7
68	5.3	4.5	6.7

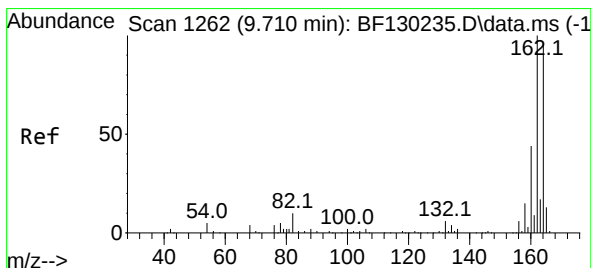
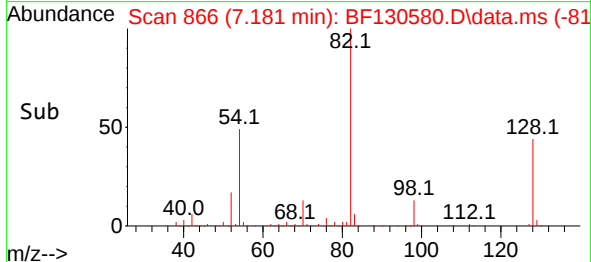
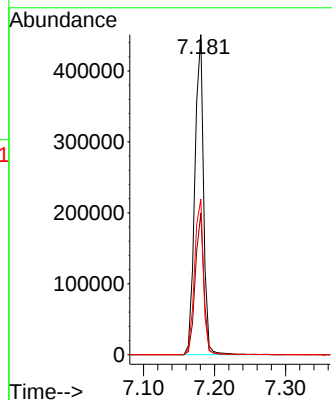
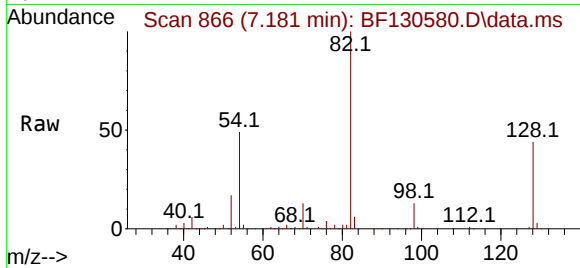




#23
 Nitrobenzene-d5
 Concen: 61.582 ng
 RT: 7.181 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF130580.D
 Acq: 07 Oct 2022 17:59

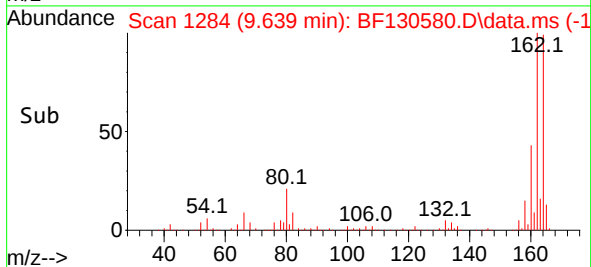
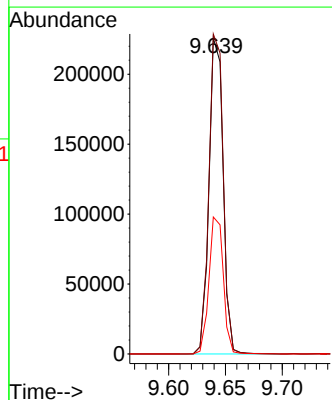
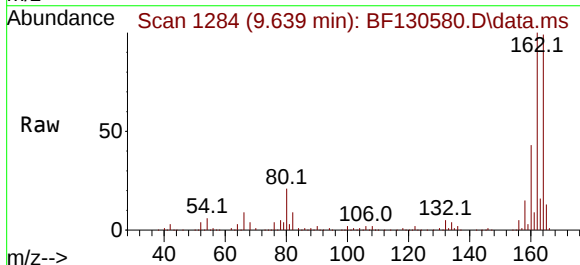
Instrument :
 BNA_F
 ClientSampleId :
 R-7

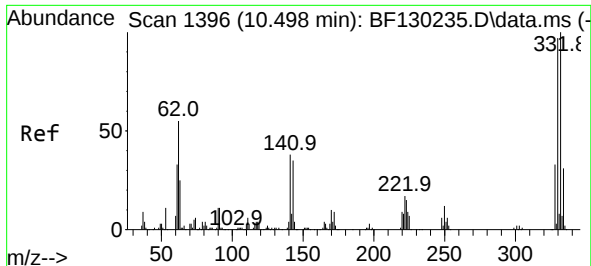
Tgt Ion: 82 Resp: 385184
 Ion Ratio Lower Upper
 82 100
 128 44.2 32.6 49.0
 54 48.6 43.8 65.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.639 min Scan# 1284
 Delta R.T. -0.012 min
 Lab File: BF130580.D
 Acq: 07 Oct 2022 17:59

Tgt Ion:164 Resp: 194851
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.4 122.0
 160 43.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 69.054 ng

RT: 10.427 min Scan# 1418

Delta R.T. -0.012 min

Lab File: BF130580.D

Acq: 07 Oct 2022 17:59

Instrument :

BNA_F

ClientSampleId :

R-7

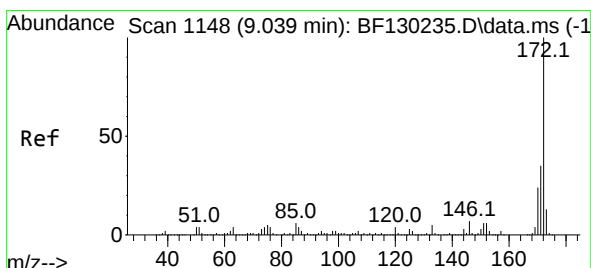
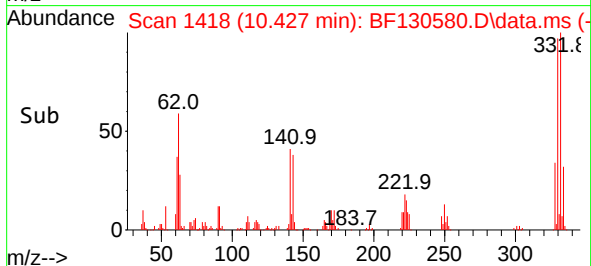
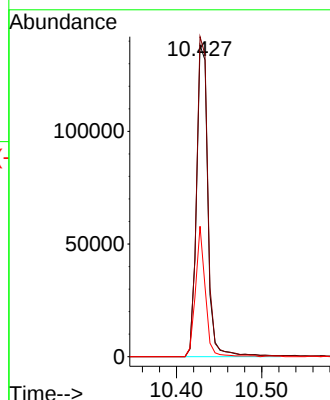
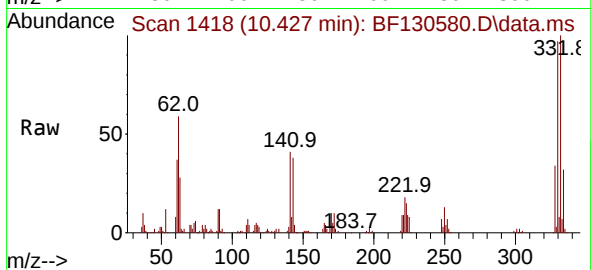
Tgt Ion:330 Resp: 128927

Ion Ratio Lower Upper

330 100

332 103.2 83.4 125.2

141 35.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 56.323 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.012 min

Lab File: BF130580.D

Acq: 07 Oct 2022 17:59

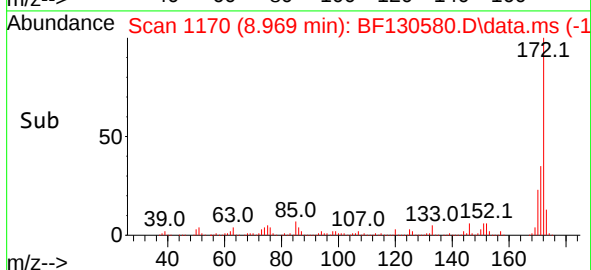
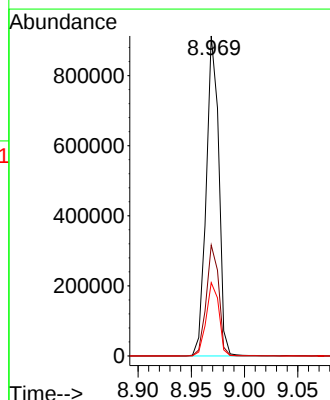
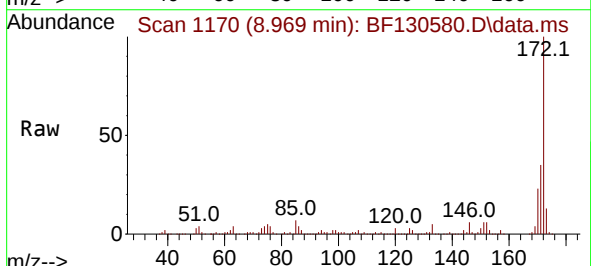
Tgt Ion:172 Resp: 753646

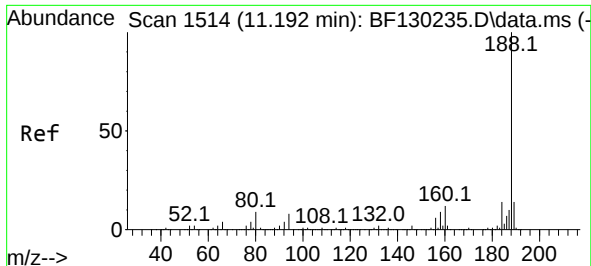
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 22.9 18.7 28.1

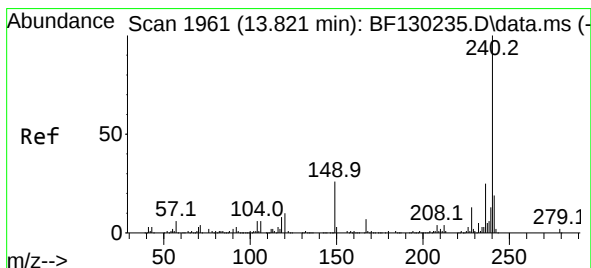
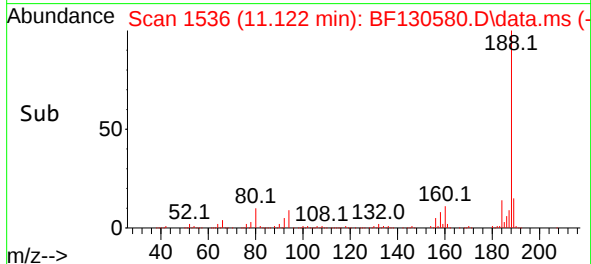
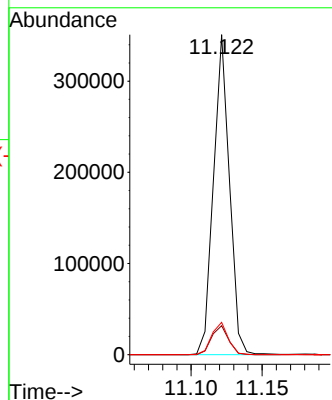
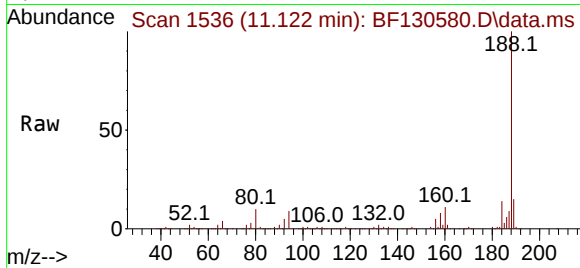




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

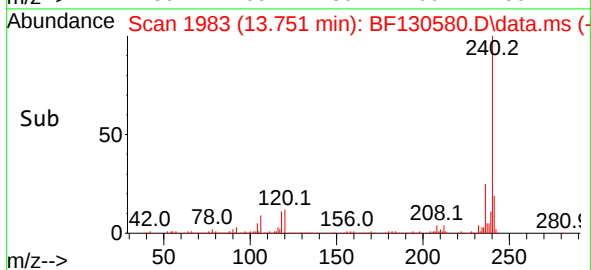
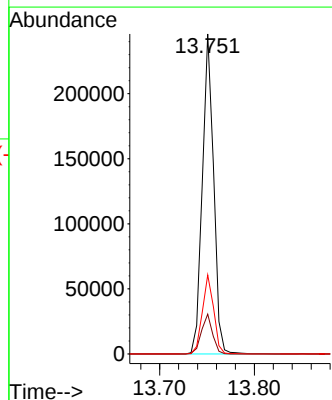
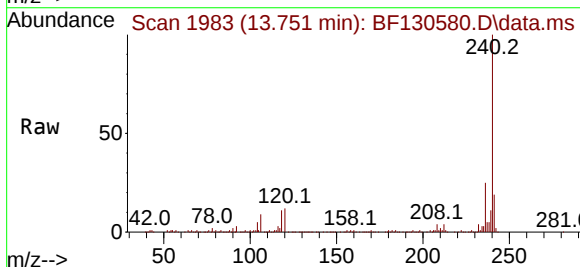
Instrument :
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ClientSampleId :
R-7

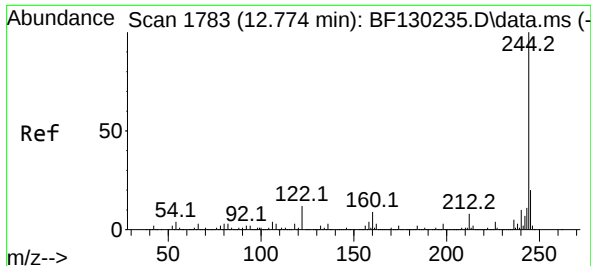
Tgt Ion:188 Resp: 273751
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

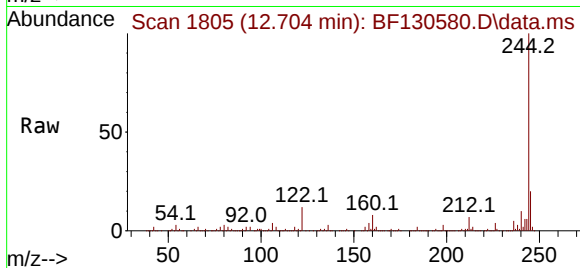
Tgt Ion:240 Resp: 203184
Ion Ratio Lower Upper
240 100
120 12.5 8.7 13.1
236 24.7 20.9 31.3



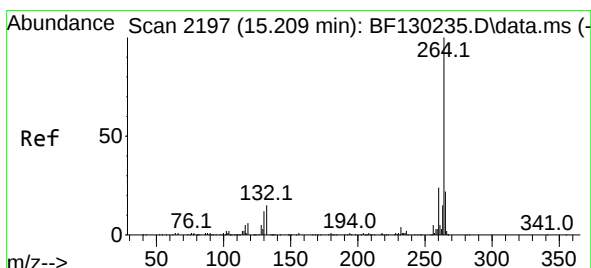
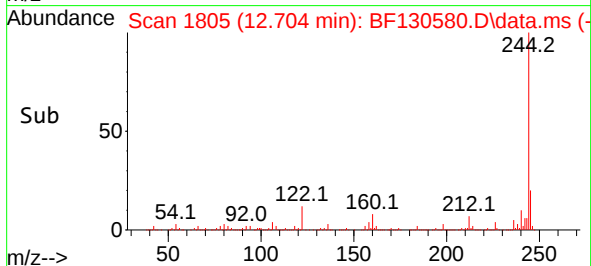
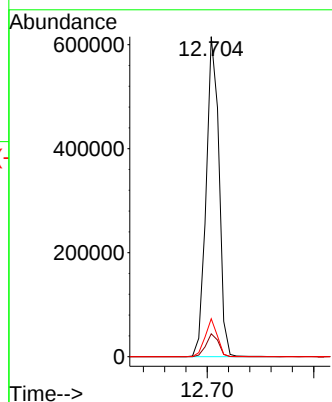


#79
 Terphenyl-d14
 Concen: 42.092 ng
 RT: 12.704 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130580.D
 Acq: 07 Oct 2022 17:59

Instrument :
 BNA_F
 ClientSampleId :
 R-7



Tgt Ion:244 Resp: 516300
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.9 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: BF130580.D
 Acq: 07 Oct 2022 17:59

Tgt Ion:264 Resp: 236116
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 20.8 17.0 25.4

