

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130579.D
 Acq On : 07 Oct 2022 17:23
 Operator : CG\JU
 Sample : N5046-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-5

Quant Time: Oct 10 01:44:10 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	84929	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	416179	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	161566	20.000	ng	-0.01
64) Phenanthrene-d10	11.121	188	252608	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	151658	20.000	ng	-0.01
86) Perylene-d12	15.133	264	175999	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	582650	118.992	ng	0.00
7) Phenol-d6	6.257	99	857631	139.982	ng	-0.01
23) Nitrobenzene-d5	7.181	82	503206	61.772	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	153369	99.069	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	922504	83.145	ng	0.00
79) Terphenyl-d14	12.710	244	636740	69.548	ng	0.00

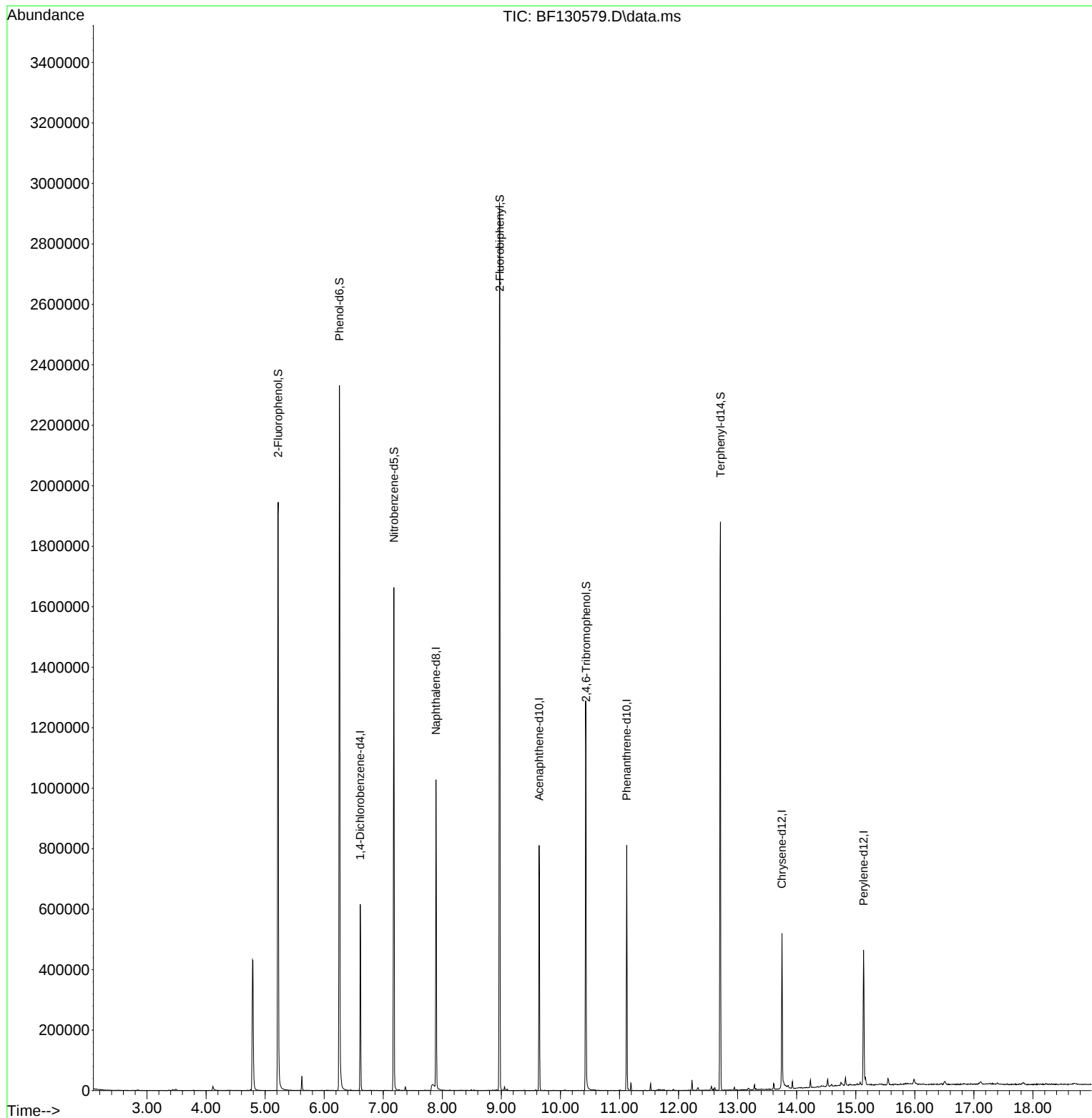
Target Compounds	Qvalue

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

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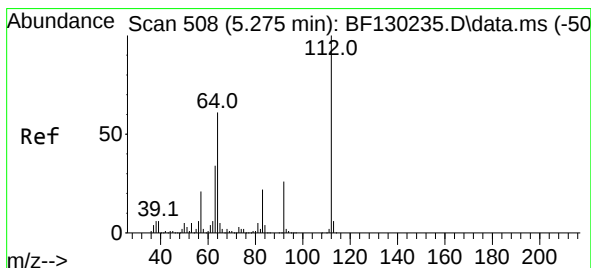
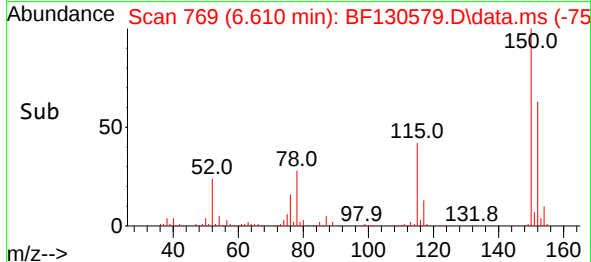
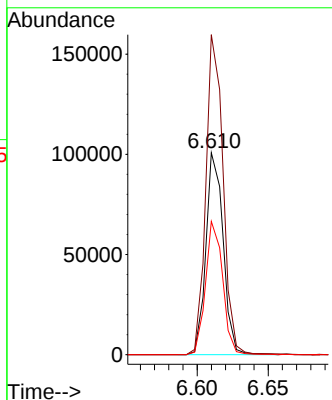
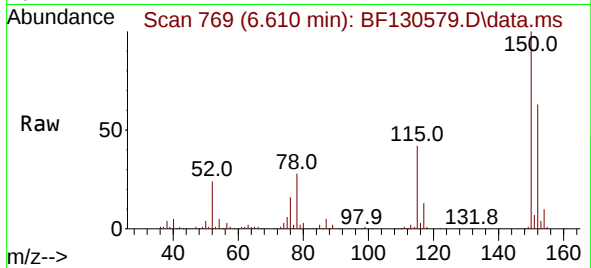




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.610 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF130579.D
 Acq: 07 Oct 2022 17:23

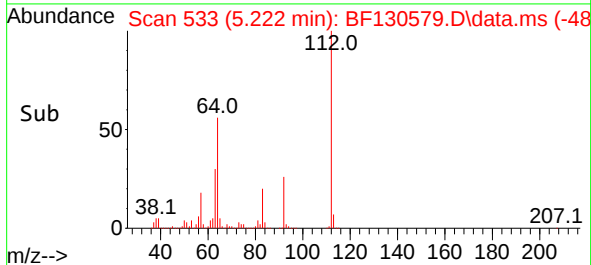
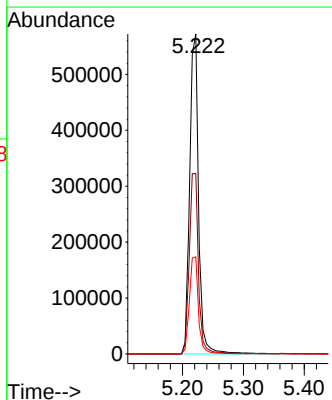
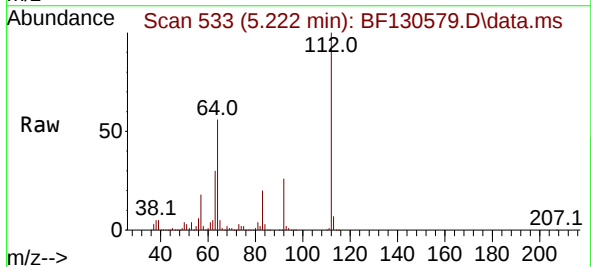
Instrument :
 BNA_F
 ClientSampleId :
 R-5

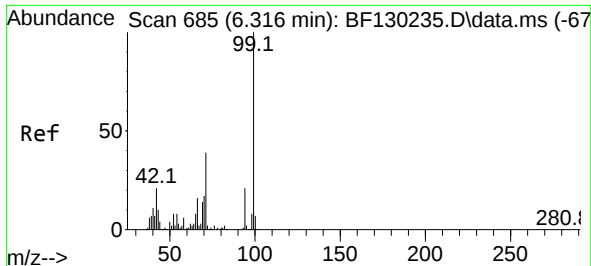
Tgt Ion:152 Resp: 84929
 Ion Ratio Lower Upper
 152 100
 150 158.4 122.8 184.2
 115 66.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 118.992 ng
 RT: 5.222 min Scan# 533
 Delta R.T. 0.006 min
 Lab File: BF130579.D
 Acq: 07 Oct 2022 17:23

Tgt Ion:112 Resp: 582650
 Ion Ratio Lower Upper
 112 100
 64 56.4 51.4 77.0
 63 30.3 28.8 43.2



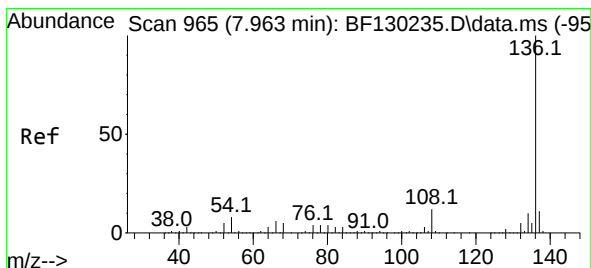
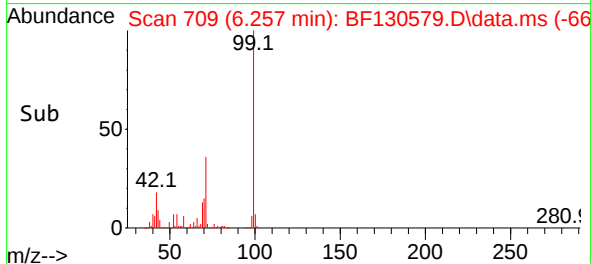
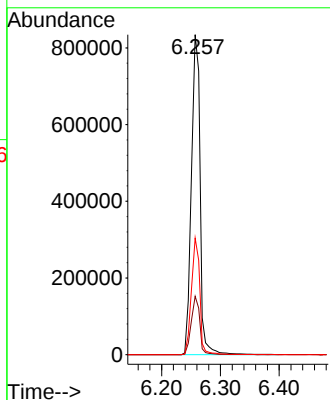
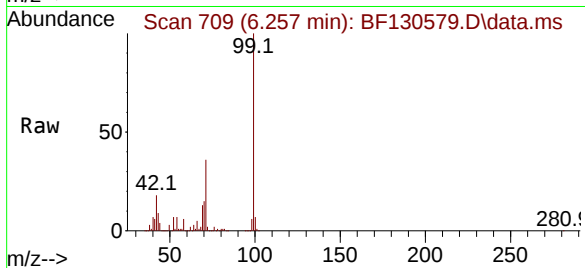


#7
Phenol-d6
Concen: 139.982 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

Instrument :
BNA_F
ClientSampleId :
R-5

Tgt Ion: 99 Resp: 857631

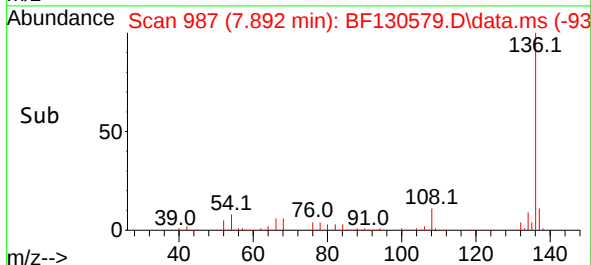
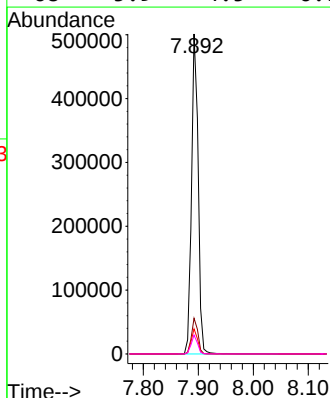
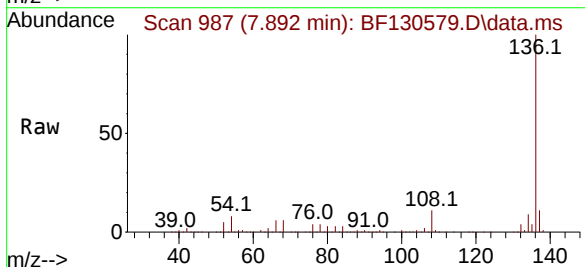
Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.0	25.6
71	36.4	32.3	48.5

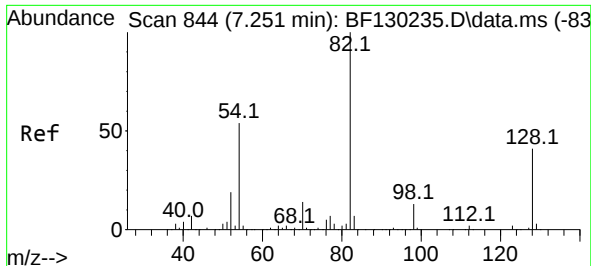


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

Tgt Ion: 136 Resp: 416179

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.9	7.1	10.7
68	5.9	4.5	6.7

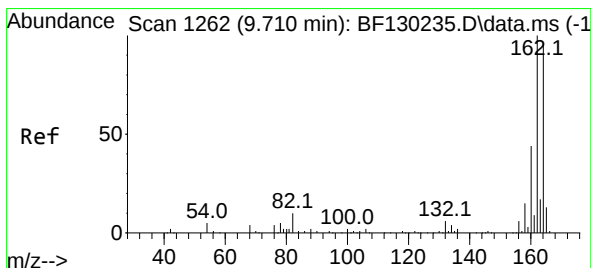
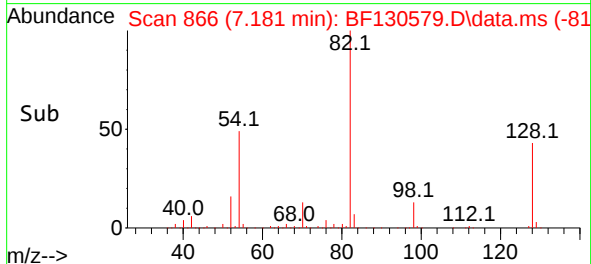
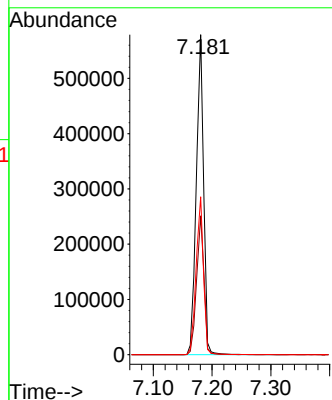
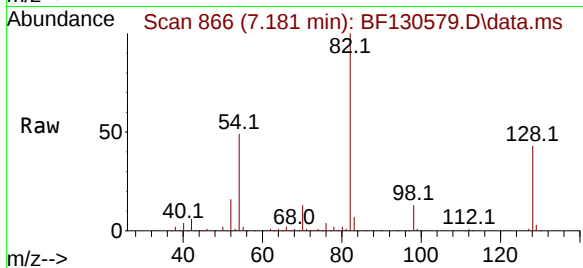




#23
Nitrobenzene-d5
Concen: 61.772 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

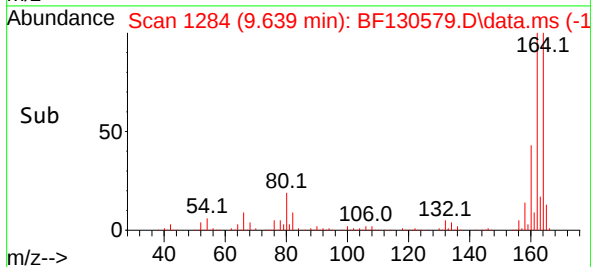
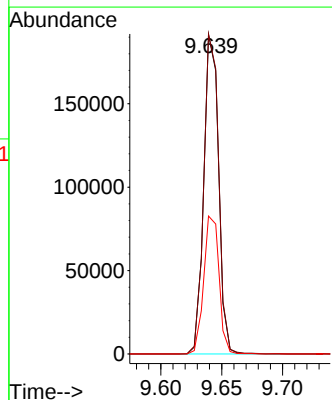
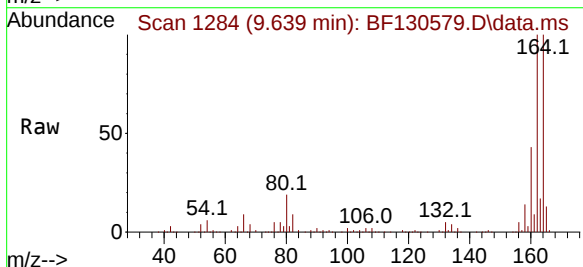
Instrument :
BNA_F
ClientSampleId :
R-5

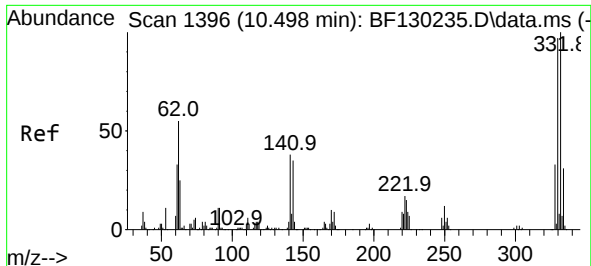
Tgt Ion: 82 Resp: 503206
Ion Ratio Lower Upper
82 100
128 43.4 32.6 49.0
54 49.3 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

Tgt Ion:164 Resp: 161566
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 99.069 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF130579.D

Acq: 07 Oct 2022 17:23

Instrument :

BNA_F

ClientSampleId :

R-5

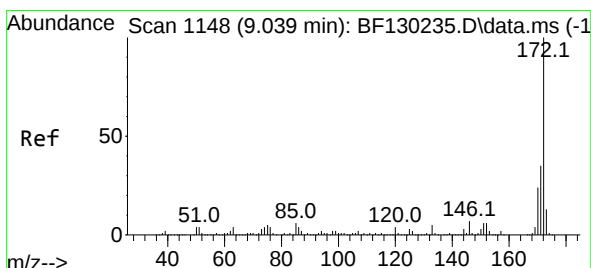
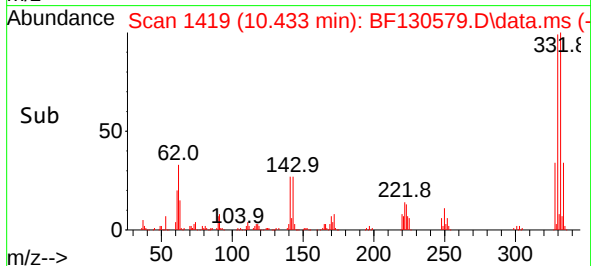
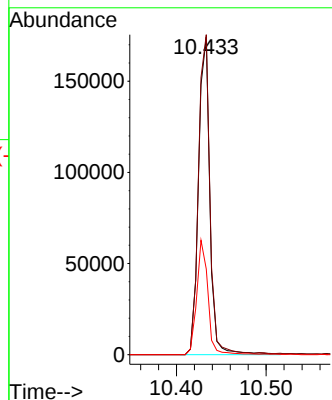
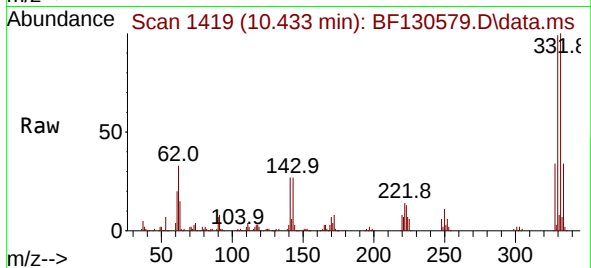
Tgt Ion:330 Resp: 153369

Ion Ratio Lower Upper

330 100

332 101.5 83.4 125.2

141 35.8 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 83.145 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF130579.D

Acq: 07 Oct 2022 17:23

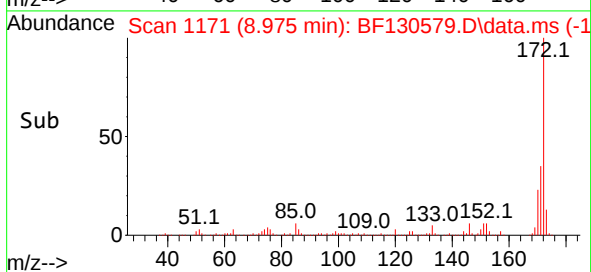
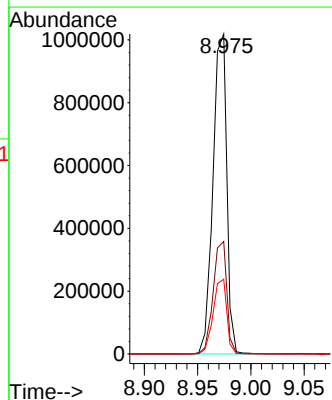
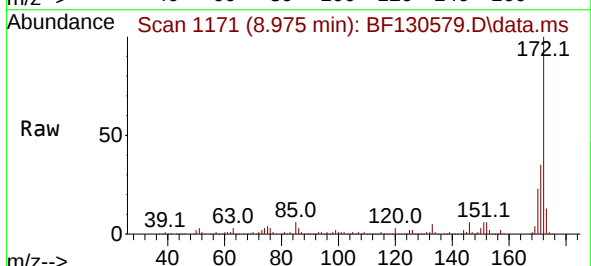
Tgt Ion:172 Resp: 922504

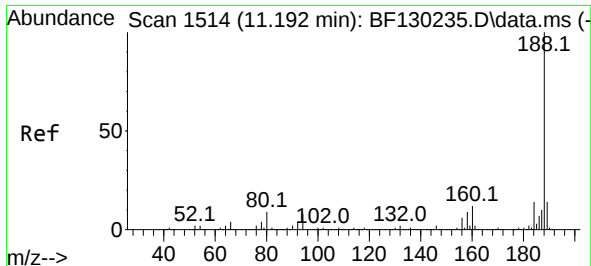
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 18.7 28.1

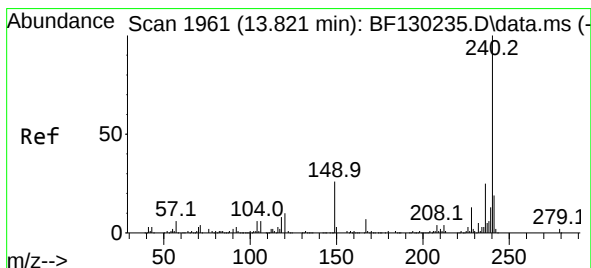
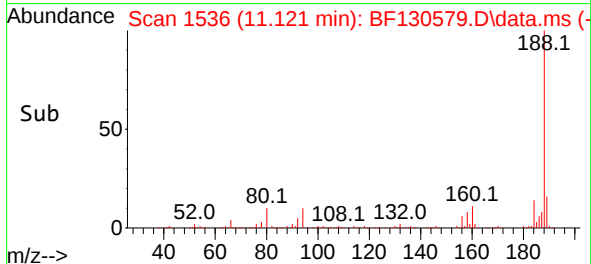
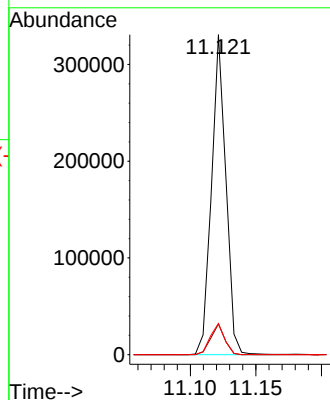
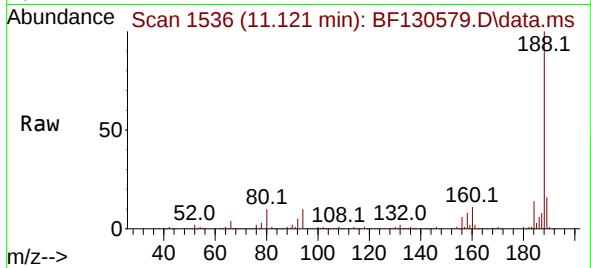




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.121 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

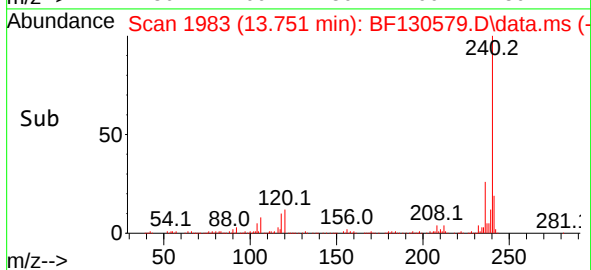
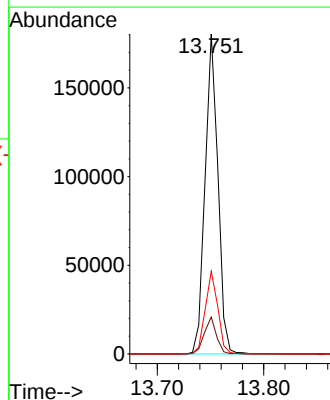
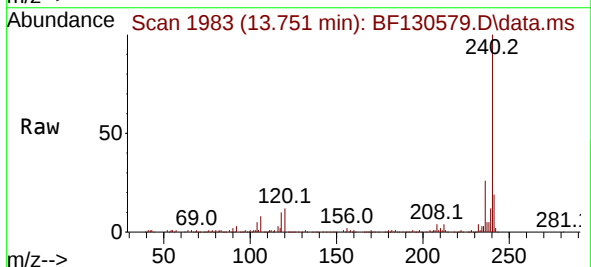
Instrument :
BNA_F
ClientSampleId :
R-5

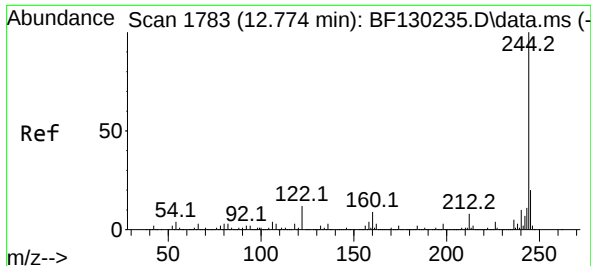
Tgt Ion:188 Resp: 252608
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130579.D
Acq: 07 Oct 2022 17:23

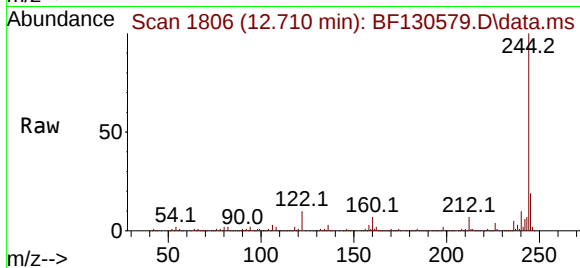
Tgt Ion:240 Resp: 151658
Ion Ratio Lower Upper
240 100
120 11.6 8.7 13.1
236 25.9 20.9 31.3



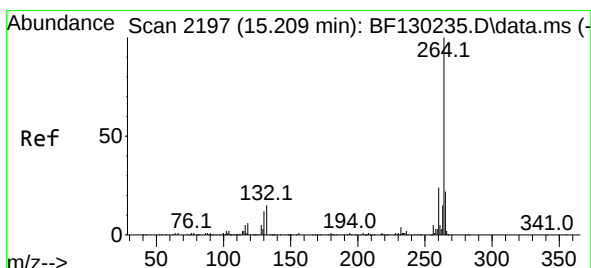
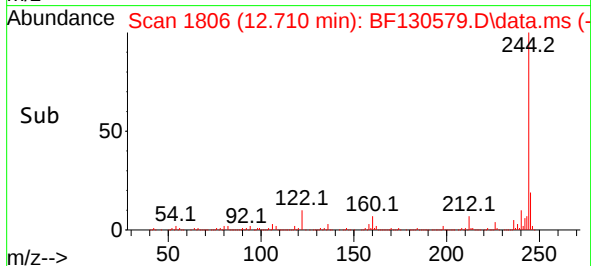
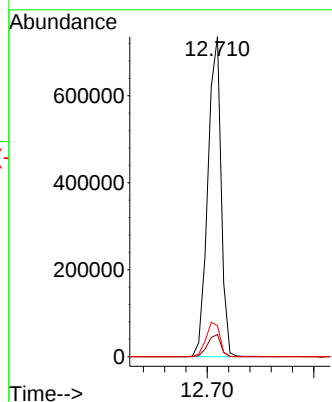


#79
 Terphenyl-d14
 Concen: 69.548 ng
 RT: 12.710 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130579.D
 Acq: 07 Oct 2022 17:23

Instrument :
 BNA_F
 ClientSampleId :
 R-5



Tgt Ion:244 Resp: 636740
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.7 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: BF130579.D
 Acq: 07 Oct 2022 17:23

Tgt Ion:264 Resp: 175999
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.0 17.0 25.4

