

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130560.D
 Acq On : 06 Oct 2022 20:25
 Operator : CG\JU
 Sample : N5014-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Oct 07 02:12:15 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)

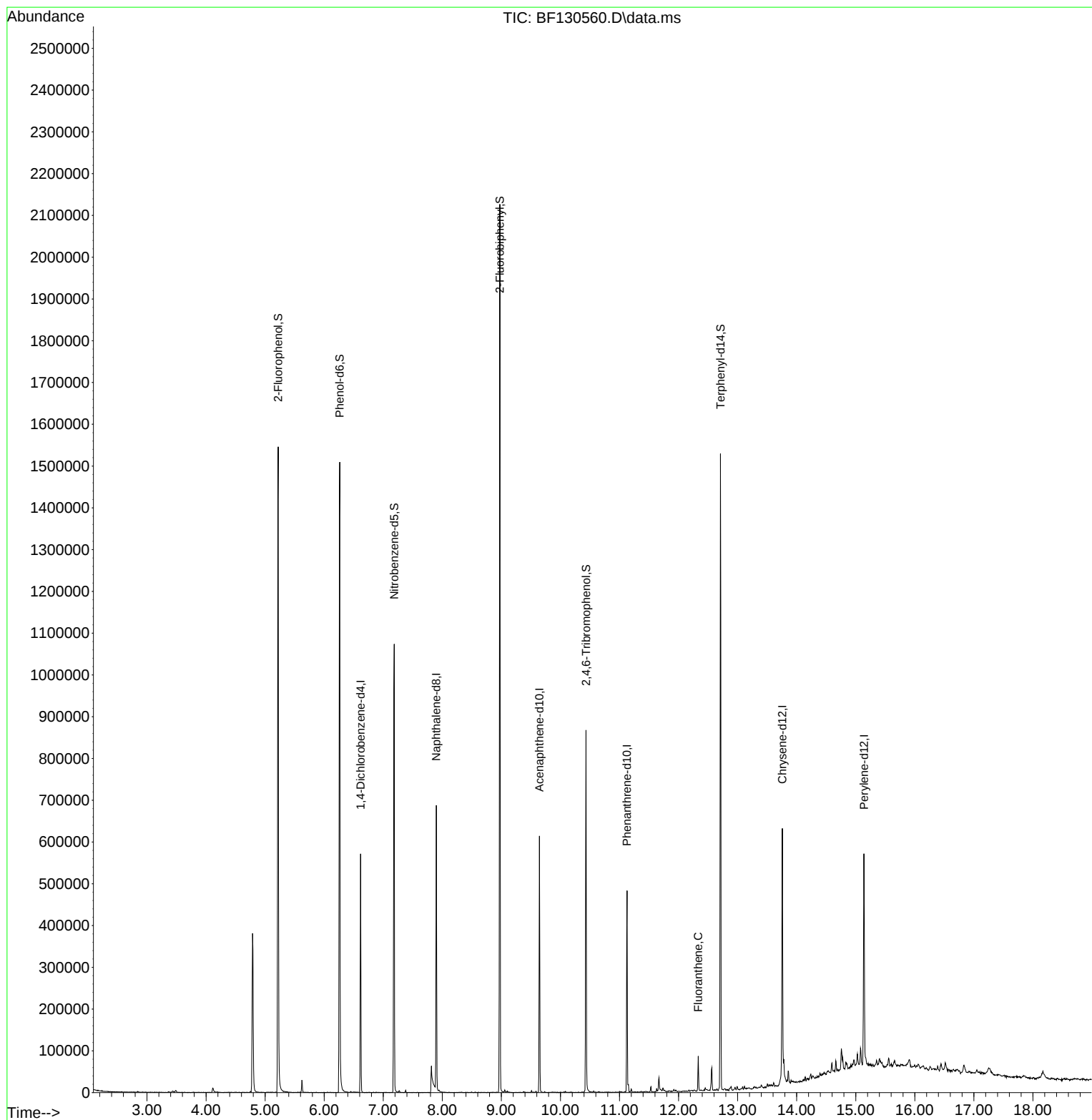
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	73699	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	255433	20.000	ng	# 0.00
39) Acenaphthene-d10	9.645	164	109832	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	160480	20.000	ng	0.00
76) Chrysene-d12	13.757	240	175296	20.000	ng	0.00
86) Perylene-d12	15.139	264	195576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	439490	103.431	ng	0.00
7) Phenol-d6	6.263	99	517618	97.359	ng	0.00
23) Nitrobenzene-d5	7.186	82	337740	67.551	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	91111	86.574	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	543437	72.051	ng	0.00
79) Terphenyl-d14	12.710	244	482670	45.611	ng	0.00
Target Compounds						
75) Fluoranthene	12.333	202	21983	2.525	ng	Qvalue 97

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

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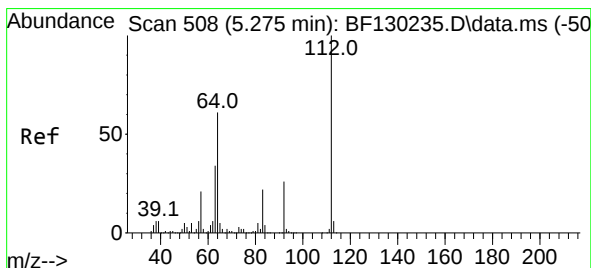
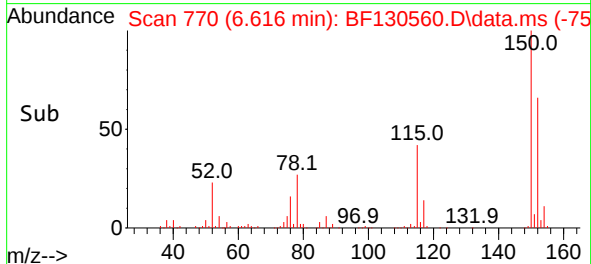
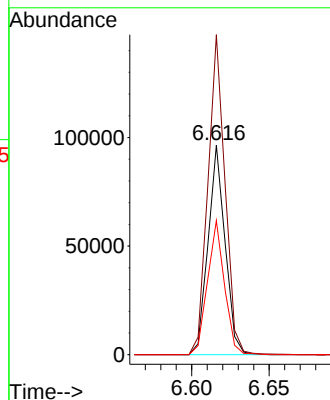
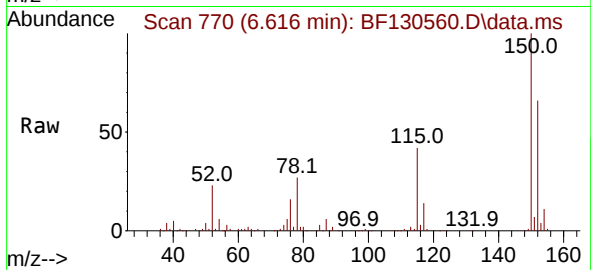




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.616 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130560.D
 Acq: 06 Oct 2022 20:25

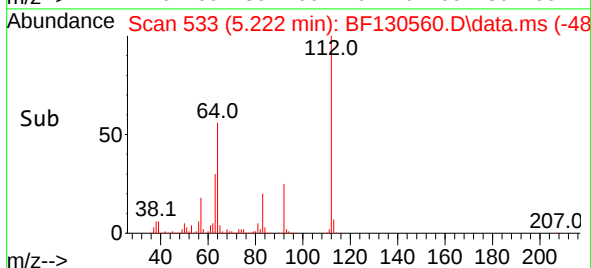
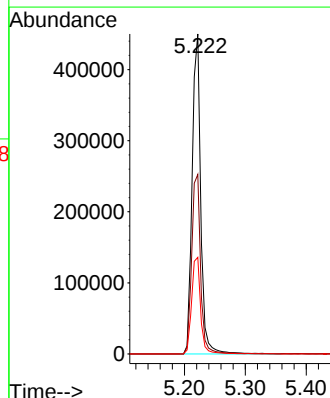
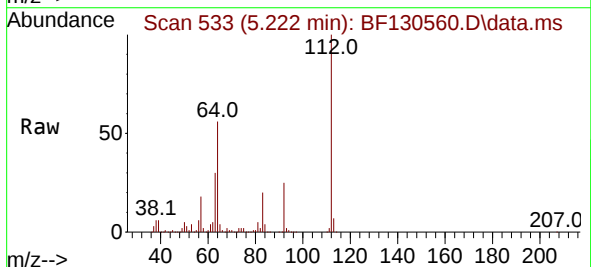
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

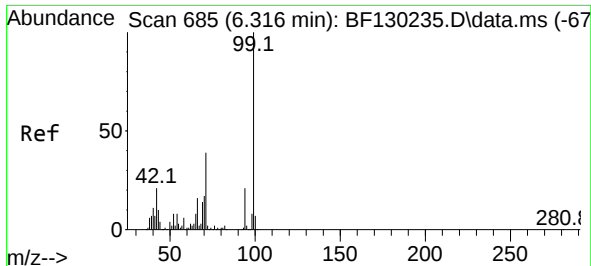
Tgt Ion:152 Resp: 73699
 Ion Ratio Lower Upper
 152 100
 150 152.6 122.8 184.2
 115 64.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 103.431 ng
 RT: 5.222 min Scan# 533
 Delta R.T. 0.006 min
 Lab File: BF130560.D
 Acq: 06 Oct 2022 20:25

Tgt Ion:112 Resp: 439490
 Ion Ratio Lower Upper
 112 100
 64 56.1 51.4 77.0
 63 30.2 28.8 43.2

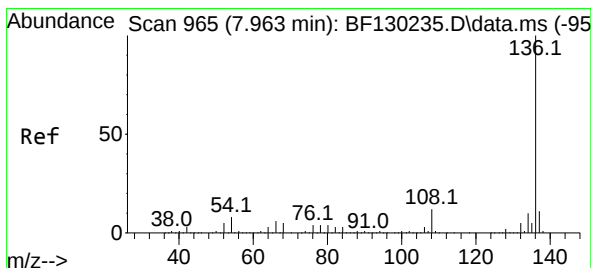
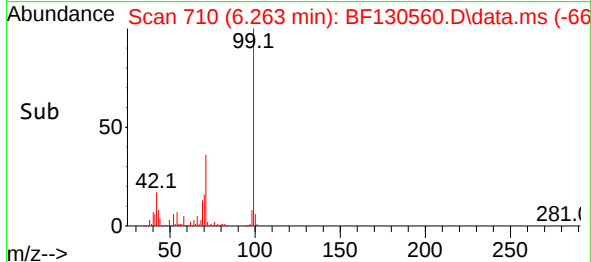
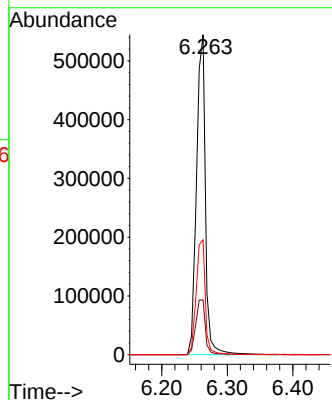
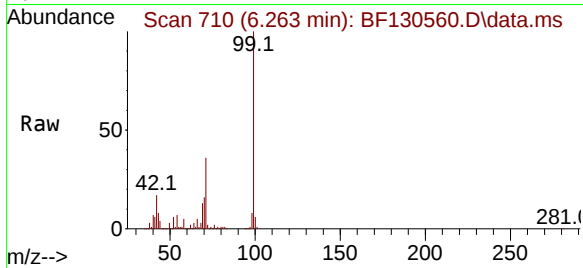




#7
Phenol-d6
Concen: 97.359 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

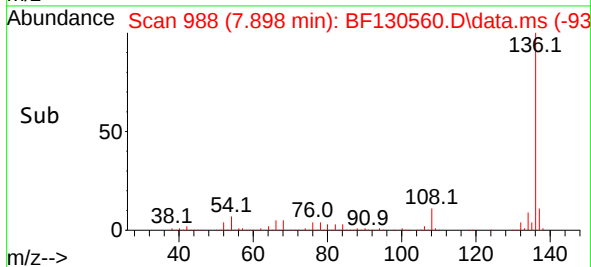
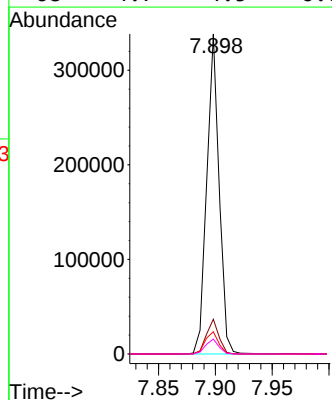
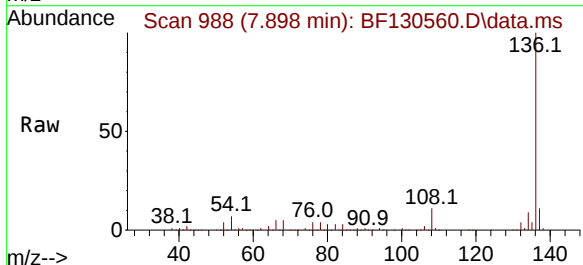
Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

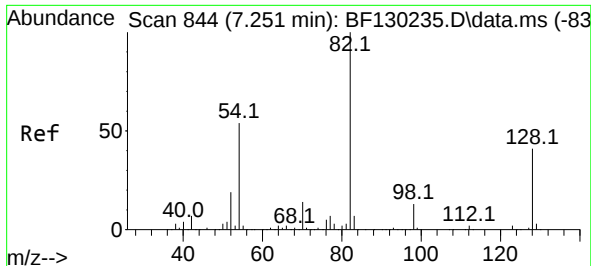
Tgt Ion: 99 Resp: 517618
Ion Ratio Lower Upper
99 100
42 17.1 17.0 25.6
71 35.9 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Tgt Ion: 136 Resp: 255433
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.0 7.1 10.7#
68 4.7 4.5 6.7

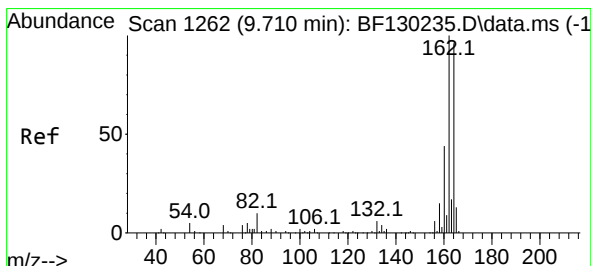
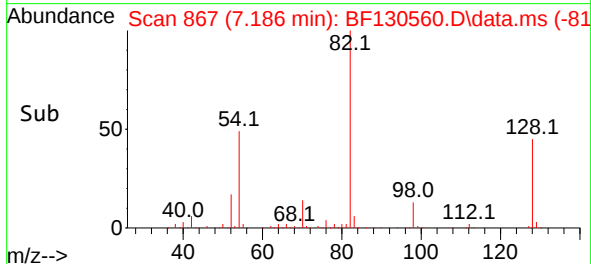
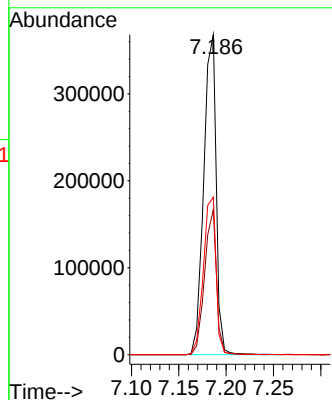
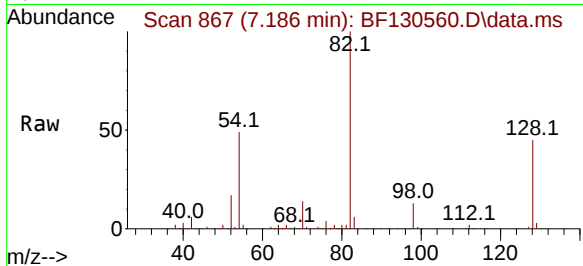




#23
Nitrobenzene-d5
Concen: 67.551 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

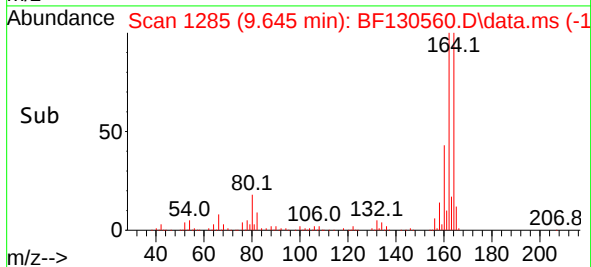
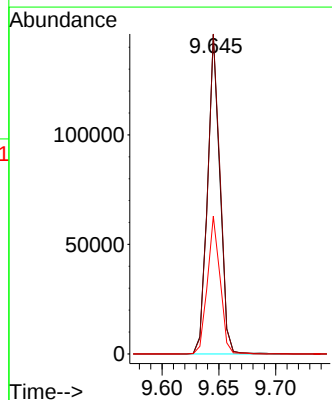
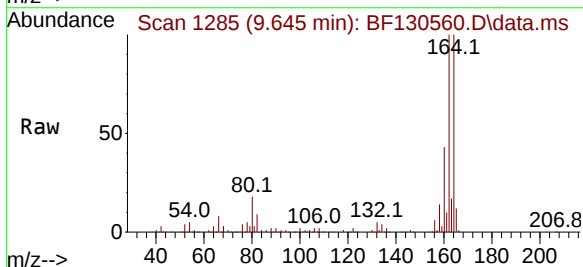
Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

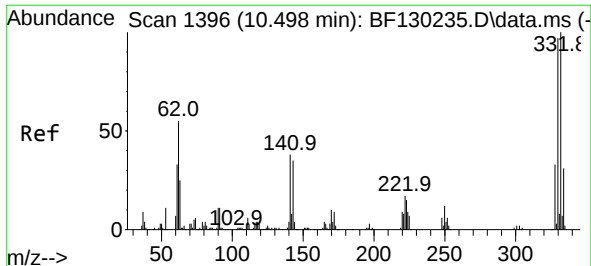
Tgt Ion: 82 Resp: 337740
Ion Ratio Lower Upper
82 100
128 45.3 32.6 49.0
54 49.3 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Tgt Ion:164 Resp: 109832
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 86.574 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF130560.D

Acq: 06 Oct 2022 20:25

Instrument :

BNA_F

ClientSampleId :

SB-05-0-2.0

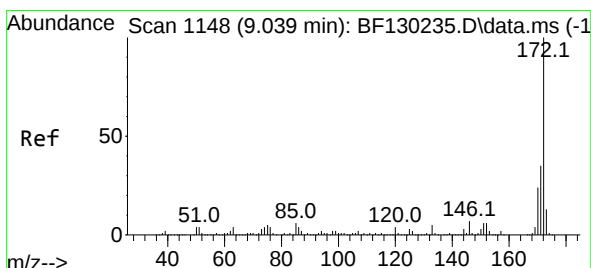
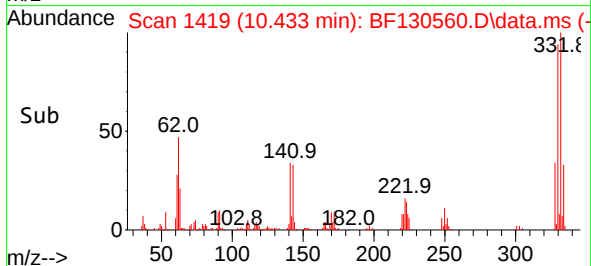
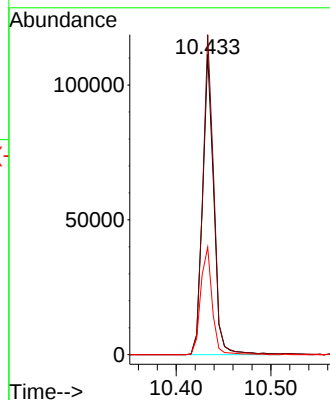
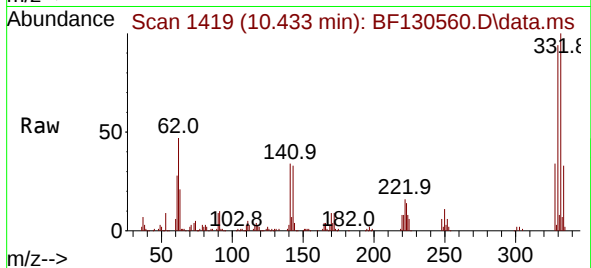
Tgt Ion:330 Resp: 91111

Ion Ratio Lower Upper

330 100

332 105.0 83.4 125.2

141 36.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 72.051 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF130560.D

Acq: 06 Oct 2022 20:25

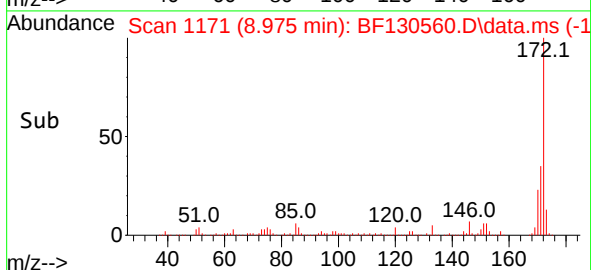
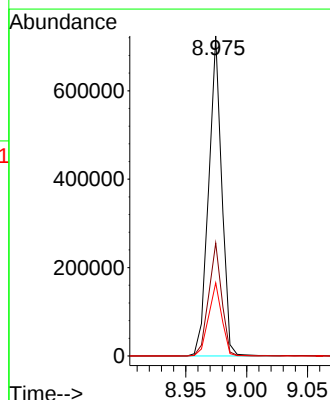
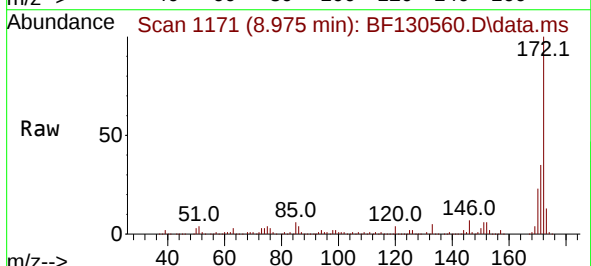
Tgt Ion:172 Resp: 543437

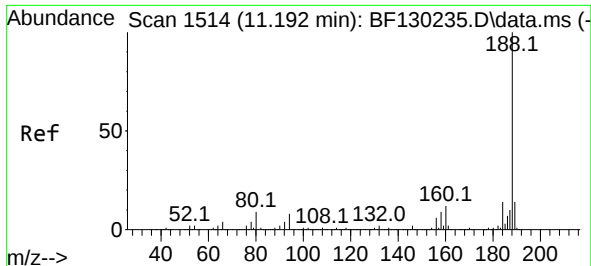
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 22.9 18.7 28.1

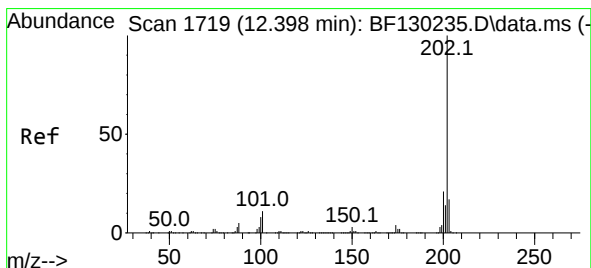
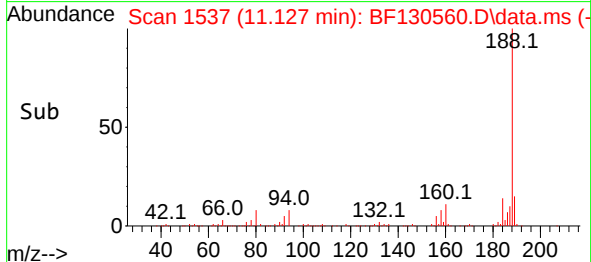
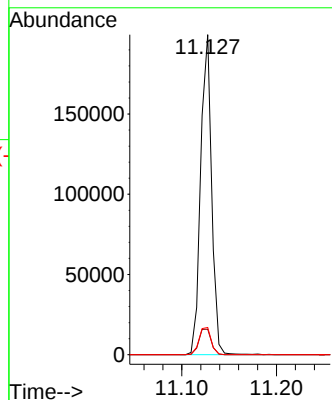
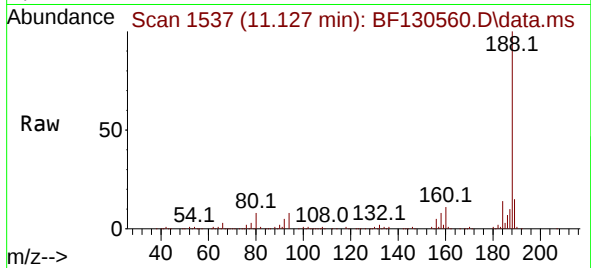




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

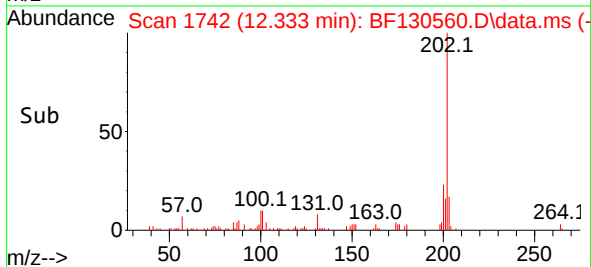
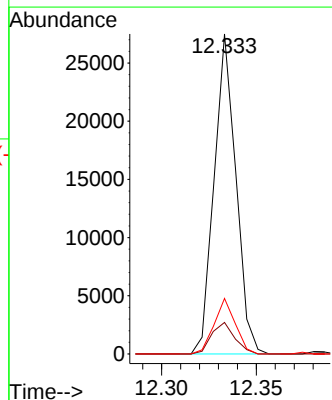
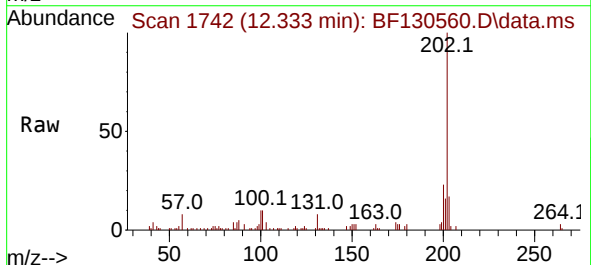
Instrument :
BNA_F
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SB-05-0-2.0

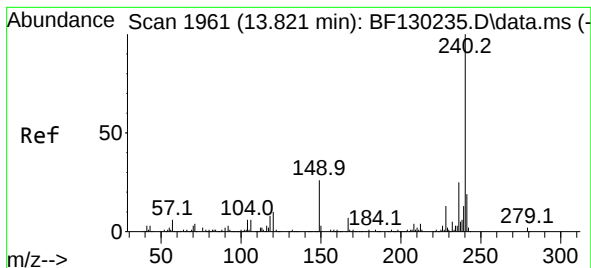
Tgt Ion:188 Resp: 160480
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.5 7.9 11.9



#75
Fluoranthene
Concen: 2.525 ng
RT: 12.333 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Tgt Ion:202 Resp: 21983
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.8
203 17.3 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.757 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BF130560.D

Acq: 06 Oct 2022 20:25

Instrument :

BNA_F

ClientSampleId :

SB-05-0-2.0

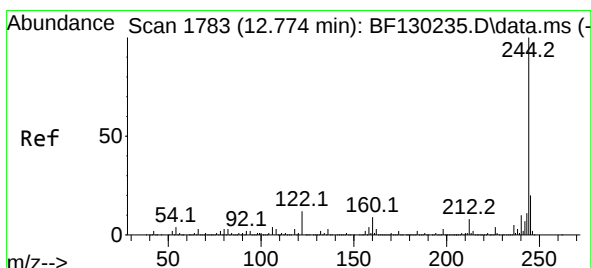
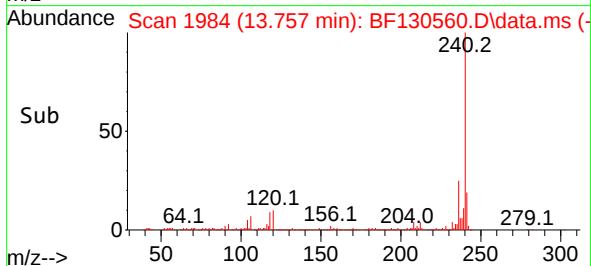
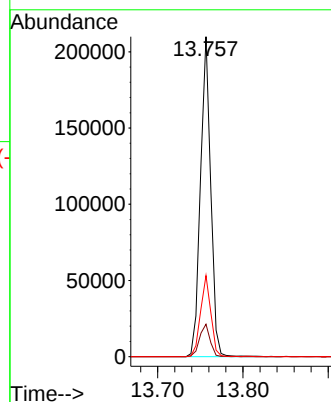
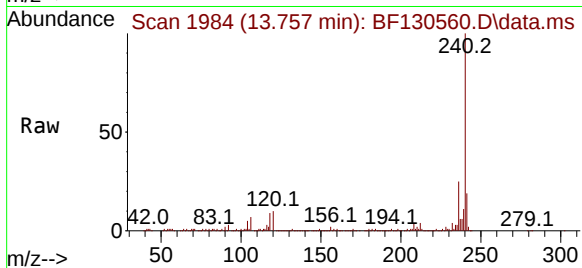
Tgt Ion:240 Resp: 175296

Ion Ratio Lower Upper

240 100

120 10.1 8.7 13.1

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 45.611 ng

RT: 12.710 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BF130560.D

Acq: 06 Oct 2022 20:25

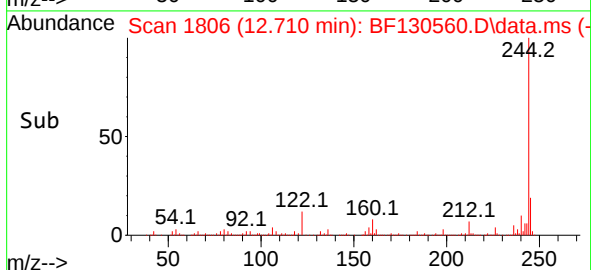
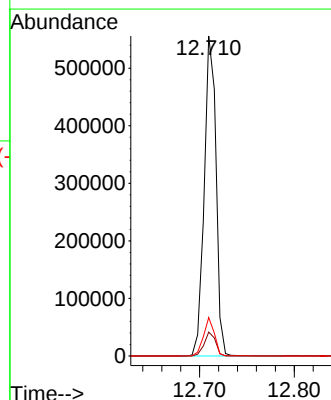
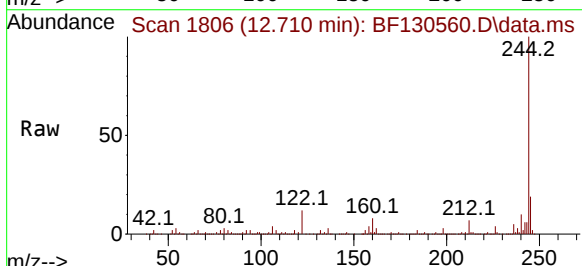
Tgt Ion:244 Resp: 482670

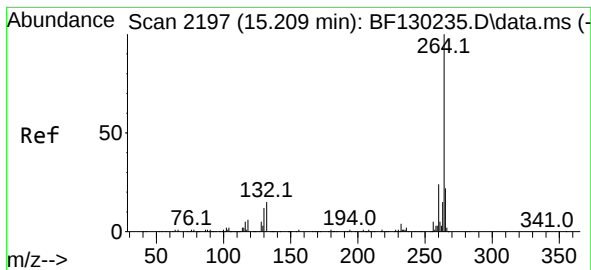
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

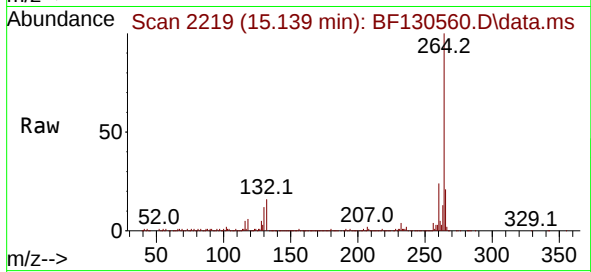
122 12.0 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.139 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF130560.D
Acq: 06 Oct 2022 20:25

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0



Tgt Ion:264 Resp: 195576

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.5	17.0	25.4

