

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130160.D
 Acq On : 07 Sep 2022 14:00
 Operator : CG\JU
 Sample : N4446-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Quant Time: Sep 08 02:47:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	214363	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	864218	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	465131	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	810437	20.000	ng	0.00
76) Chrysene-d12	13.833	240	450169	20.000	ng	-0.01
86) Perylene-d12	15.233	264	363557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	943938	74.755	ng	0.00
7) Phenol-d6	6.322	99	887450	56.374	ng	-0.01
23) Nitrobenzene-d5	7.263	82	1329198	98.844	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	456573	107.835	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2380128	84.840	ng	0.00
79) Terphenyl-d14	12.798	244	2734600	105.341	ng	0.00

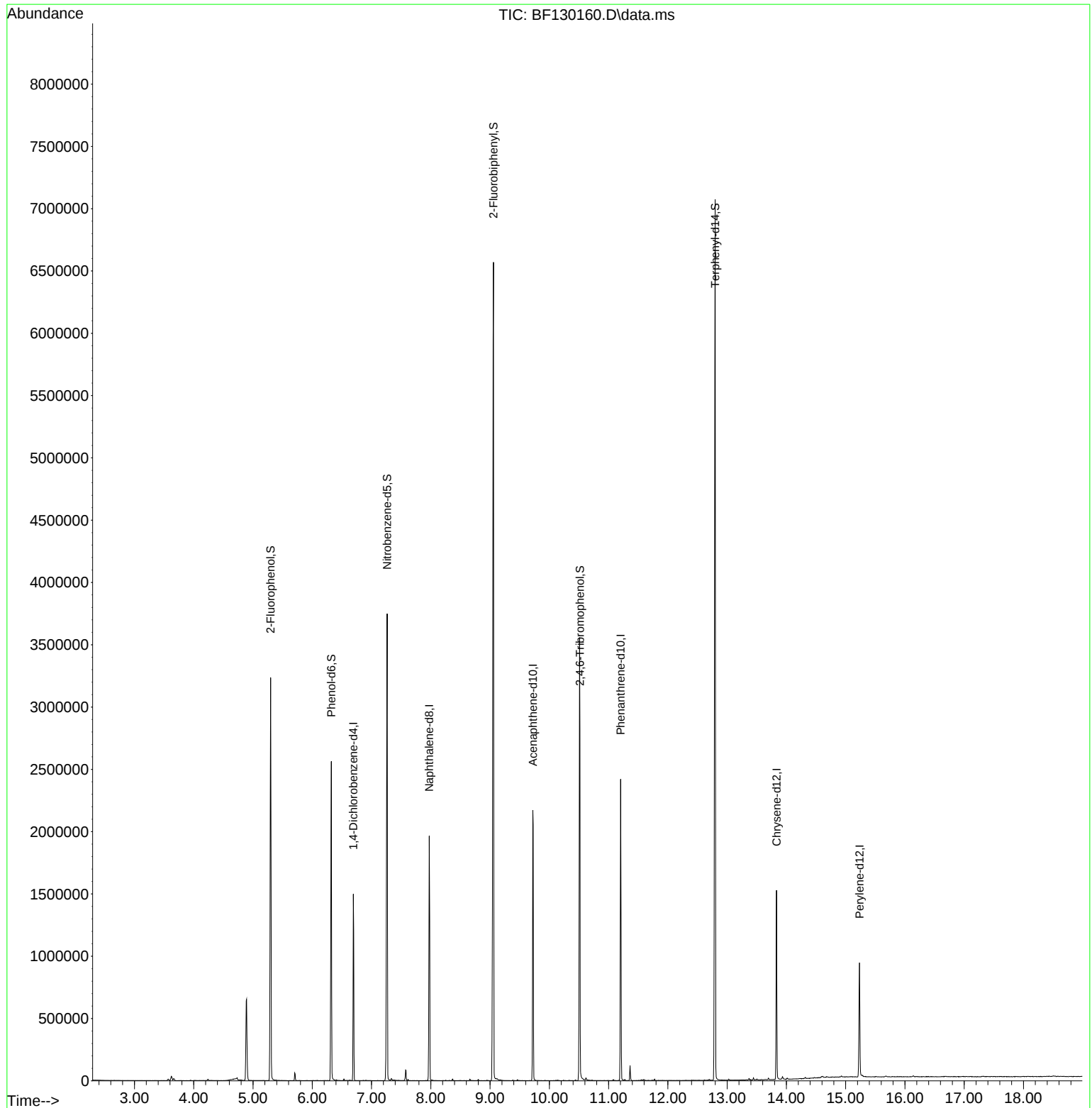
Target Compounds	Qvalue

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

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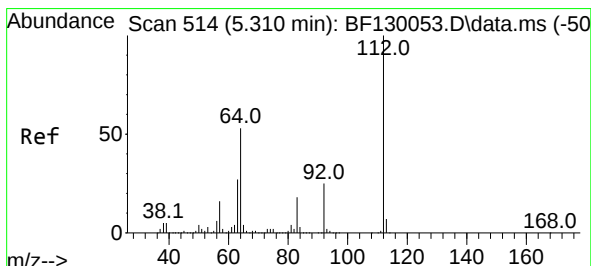
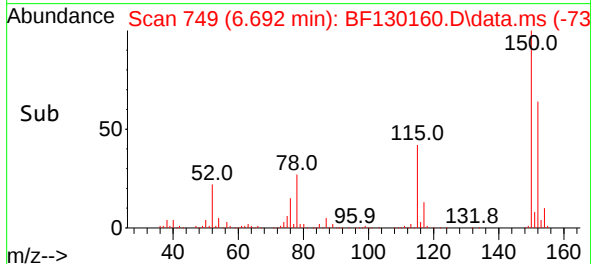
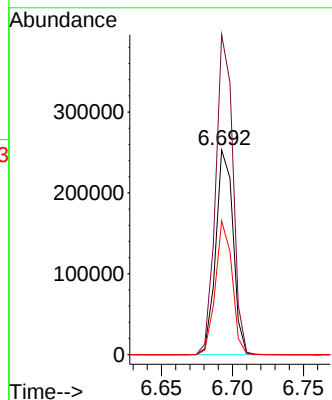
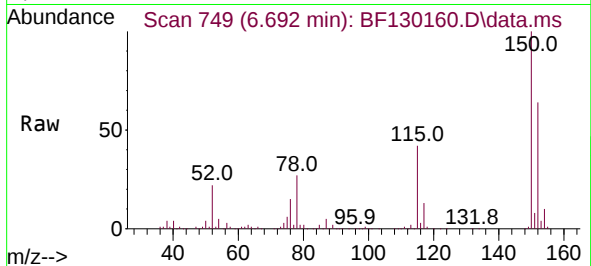




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130160.D
 Acq: 07 Sep 2022 14:00

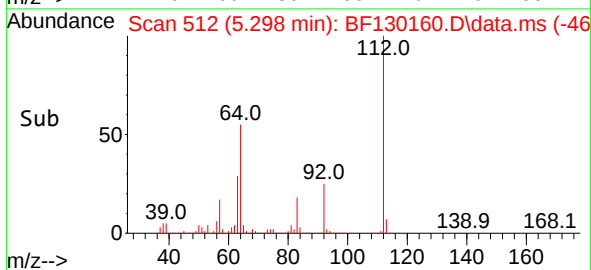
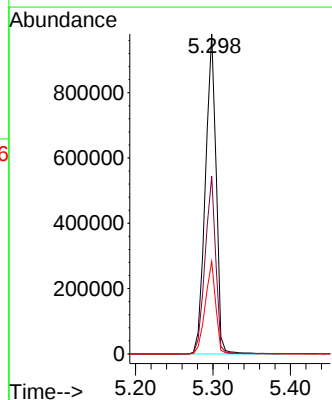
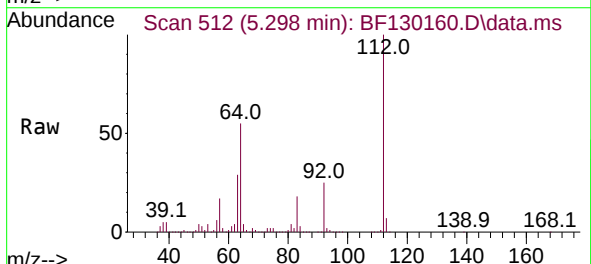
Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Tgt Ion:152 Resp: 214363
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.9 190.3
 115 65.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 74.755 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130160.D
 Acq: 07 Sep 2022 14:00

Tgt Ion:112 Resp: 943938
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.6 71.4
 63 28.9 24.6 37.0

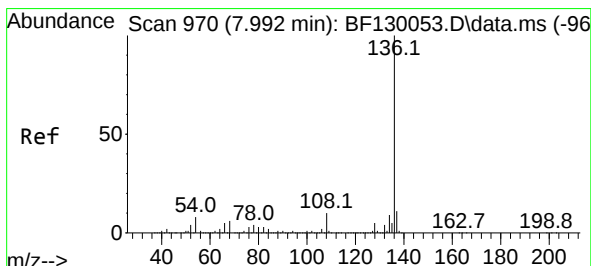
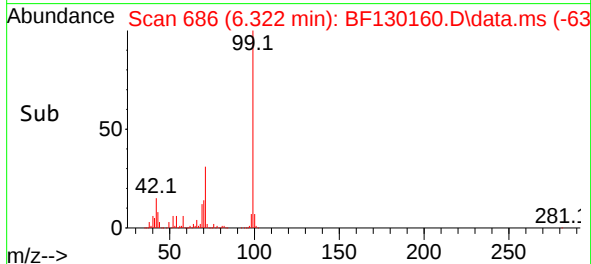
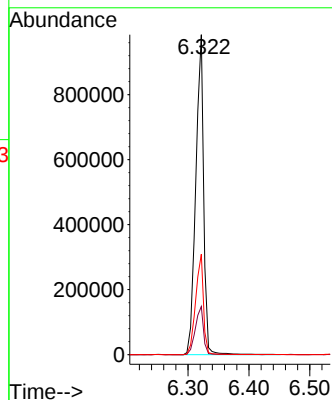
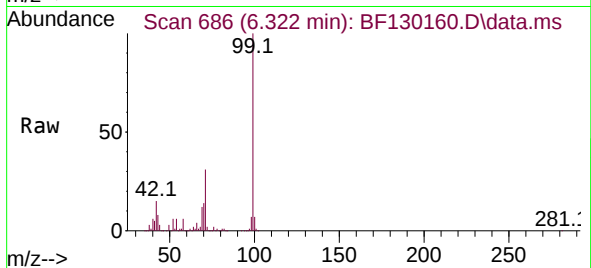




#7
Phenol-d6
Concen: 56.374 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.012 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

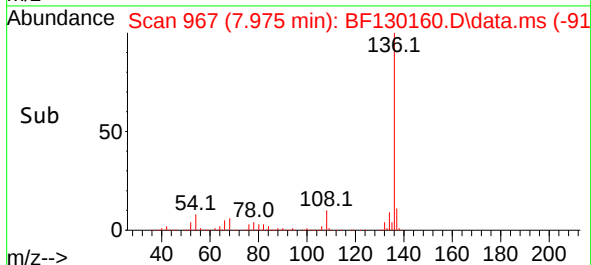
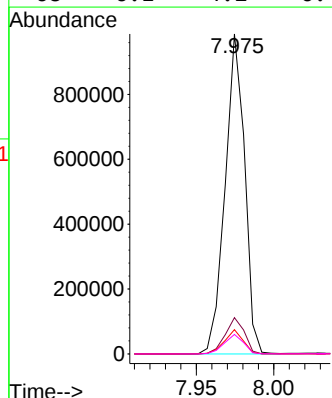
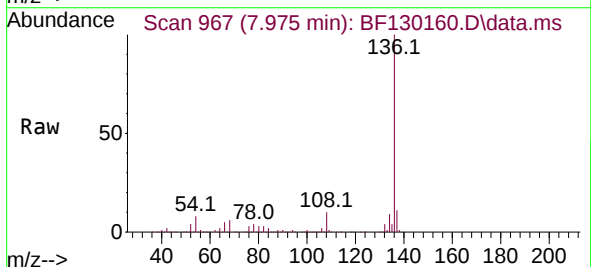
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

Tgt Ion: 99 Resp: 887450
Ion Ratio Lower Upper
99 100
42 15.0 15.0 22.4
71 31.4 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

Tgt Ion: 136 Resp: 864218
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.6 6.2 9.2
68 6.1 4.2 6.4

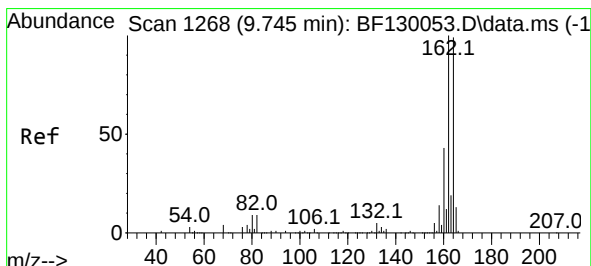
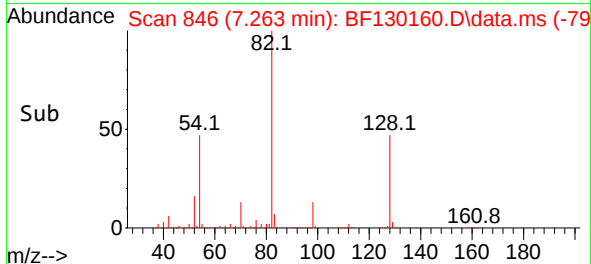
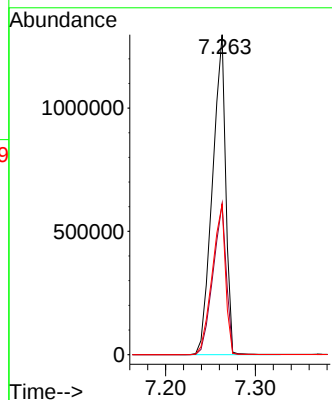
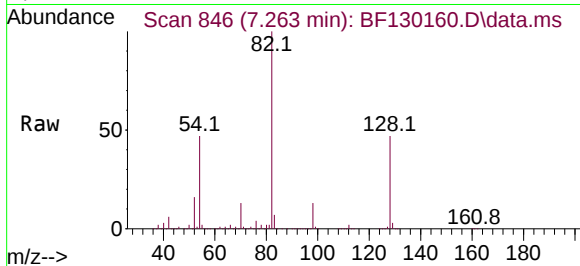




#23
Nitrobenzene-d5
Concen: 98.844 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

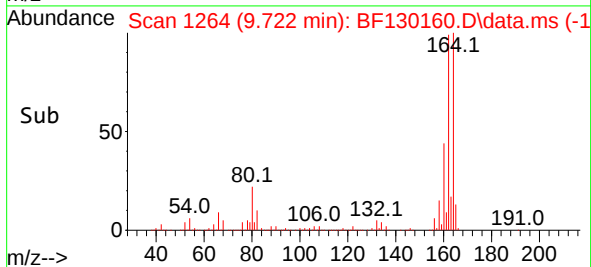
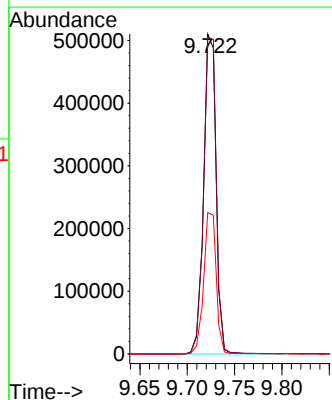
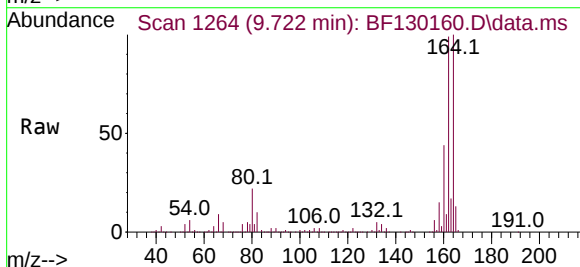
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

Tgt Ion: 82 Resp: 1329198
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 46.9 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

Tgt Ion: 164 Resp: 465131
Ion Ratio Lower Upper
164 100
162 98.9 82.0 123.0
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 107.835 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130160.D

Acq: 07 Sep 2022 14:00

Instrument :

BNA_F

ClientSampleId :

EQUIP-BLANK

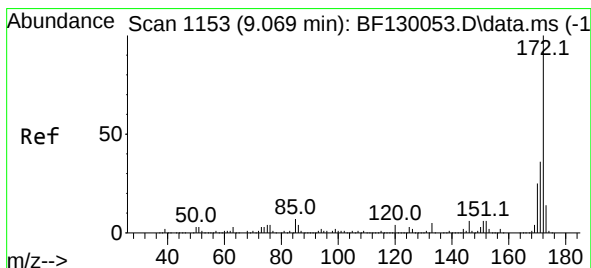
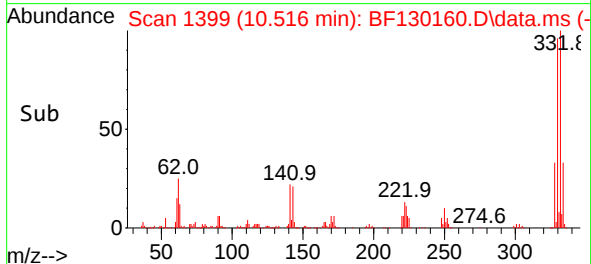
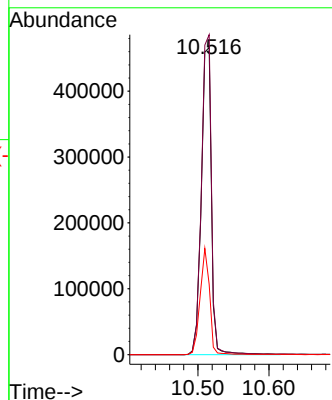
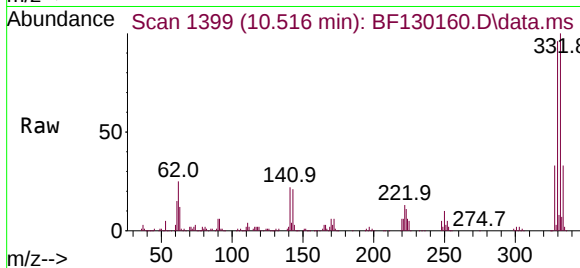
Tgt Ion:330 Resp: 456573

Ion Ratio Lower Upper

330 100

332 103.5 82.6 124.0

141 32.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 84.840 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130160.D

Acq: 07 Sep 2022 14:00

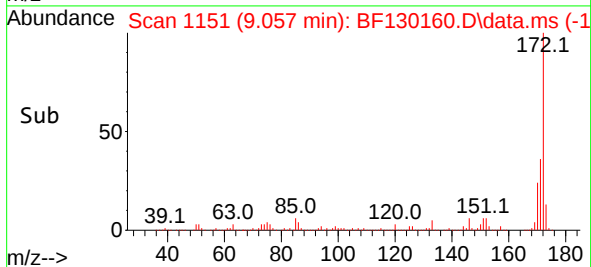
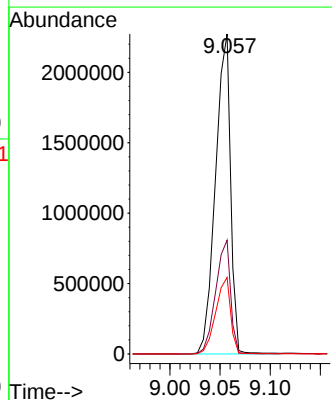
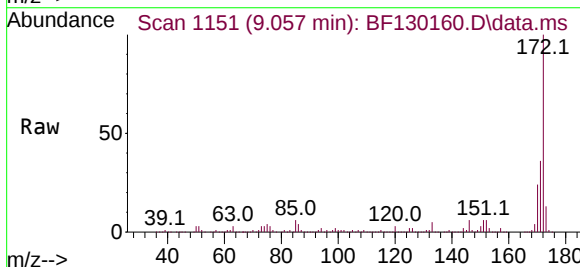
Tgt Ion:172 Resp: 2380128

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.9 19.1 28.7

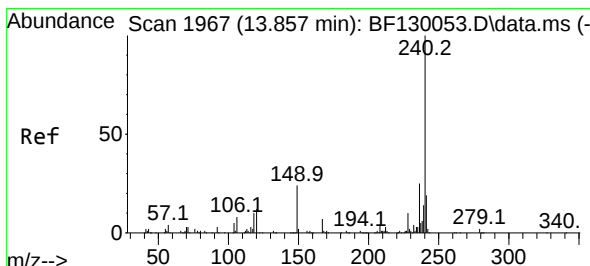
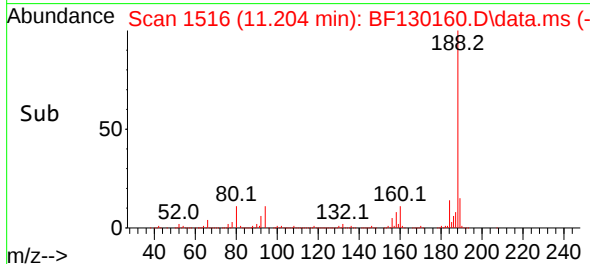
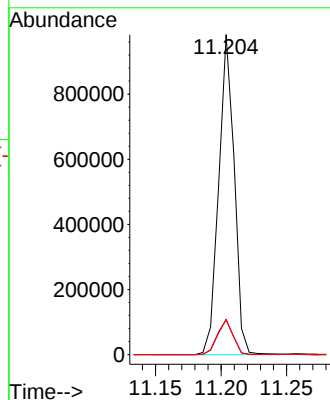
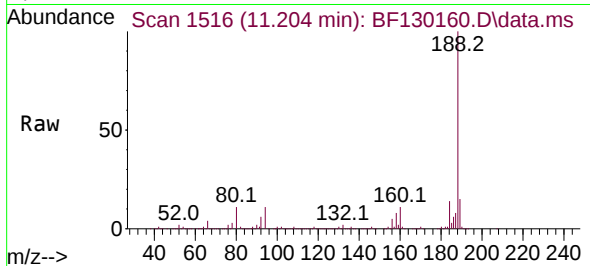




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

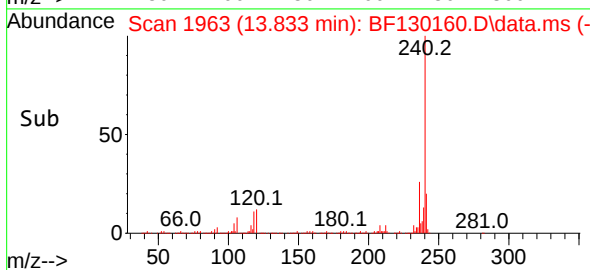
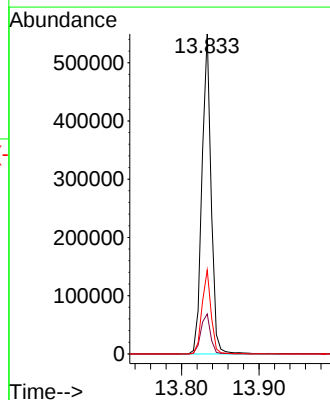
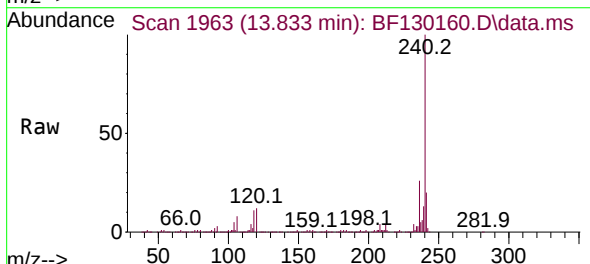
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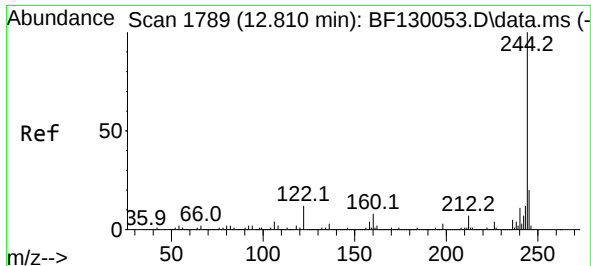
Tgt Ion:188 Resp: 810437
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.2
80 11.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

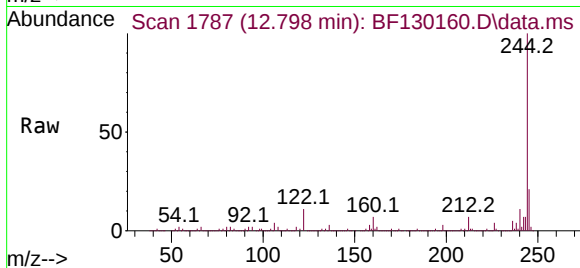
Tgt Ion:240 Resp: 450169
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 26.3 20.7 31.1



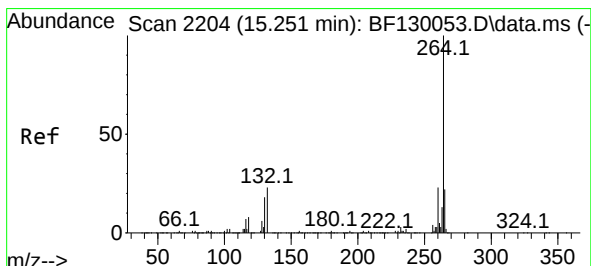
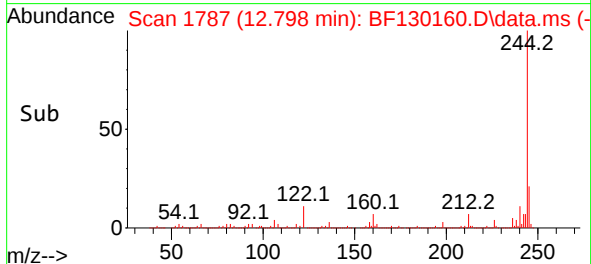
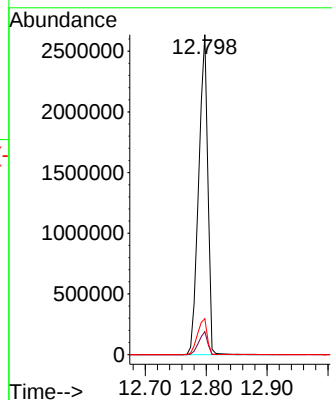


#79
 Terphenyl-d14
 Concen: 105.341 ng
 RT: 12.798 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130160.D
 Acq: 07 Sep 2022 14:00

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK



Tgt Ion:244 Resp: 2734600
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.3 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130160.D
 Acq: 07 Sep 2022 14:00

Tgt Ion:264 Resp: 363557
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.3 16.7 25.1

