

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130500.D
 Acq On : 03 Oct 2022 15:57
 Operator : CG\JU
 Sample : N4888-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WORK-FOUNDATION-2

Quant Time: Oct 04 03:16:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	92681	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	373602	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	190407	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	310190	20.000	ng	#-0.01
76) Chrysene-d12	13.780	240	154080	20.000	ng	-0.01
86) Perylene-d12	15.168	264	151003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	447266	83.703	ng	0.00
7) Phenol-d6	6.275	99	605866	90.618	ng	-0.02
23) Nitrobenzene-d5	7.204	82	417690	57.117	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	125024	68.526	ng	-0.01
45) 2-Fluorobiphenyl	8.992	172	721272	55.161	ng	-0.02
79) Terphenyl-d14	12.733	244	643790	69.213	ng	-0.01

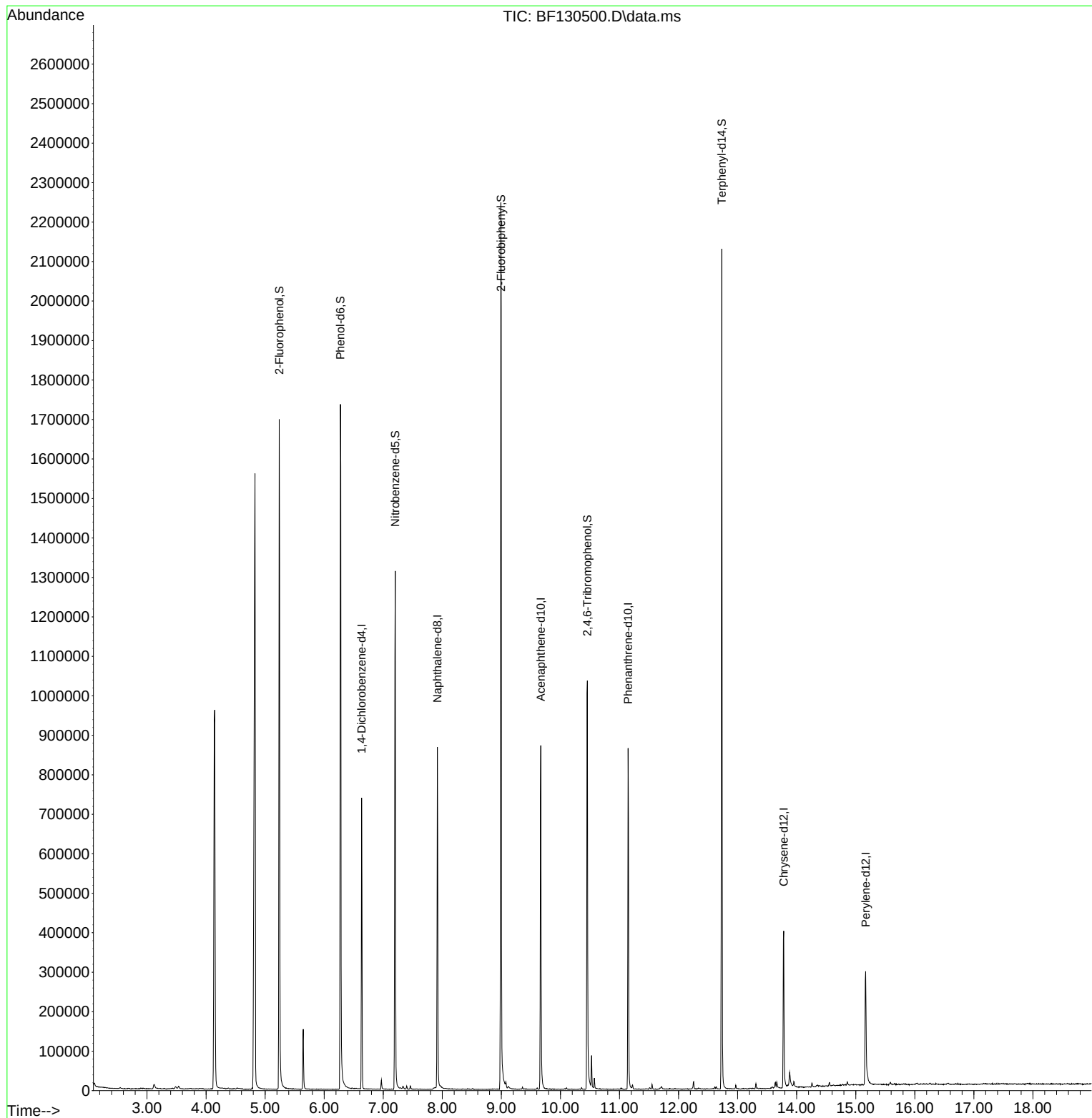
Target Compounds	Qvalue

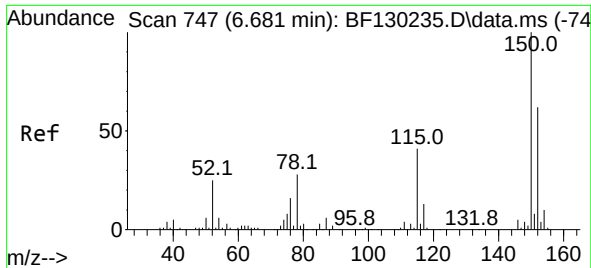
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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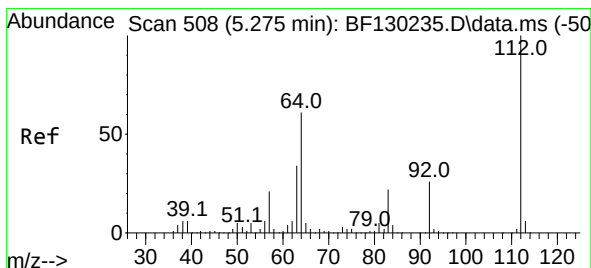
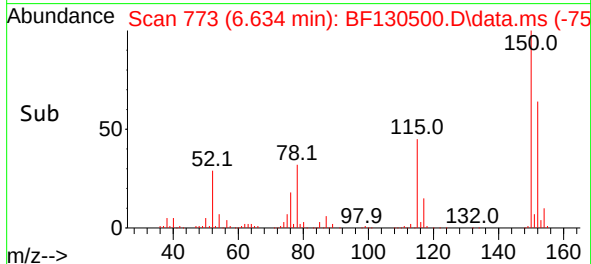
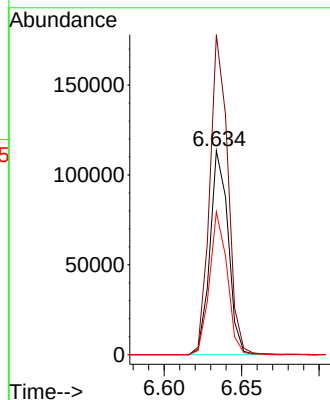
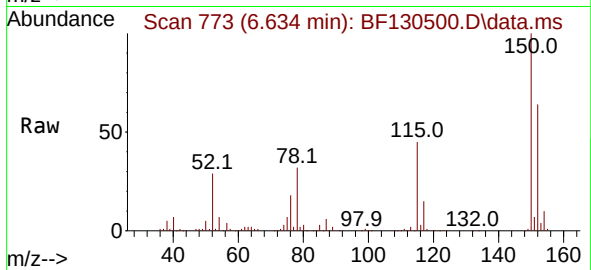




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

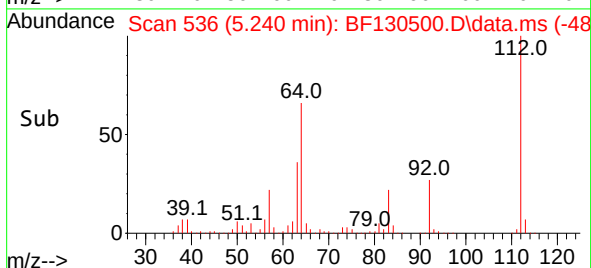
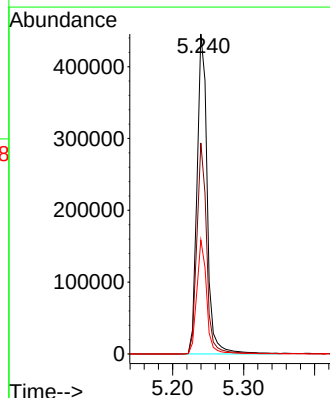
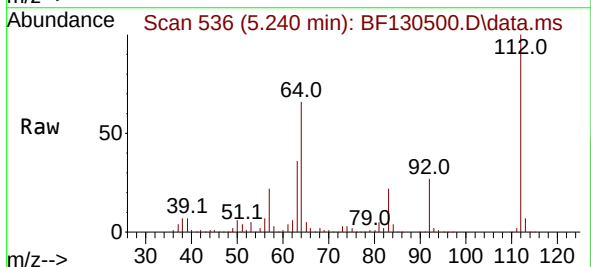
Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-2

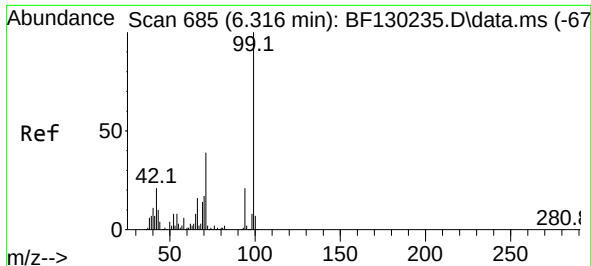
Tgt Ion:152 Resp: 92681
Ion Ratio Lower Upper
152 100
150 156.9 122.8 184.2
115 70.0 53.8 80.8



#5
2-Fluorophenol
Concen: 83.703 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

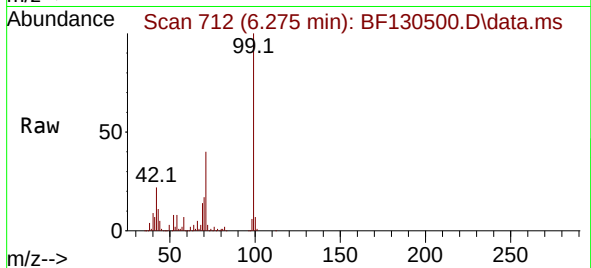
Tgt Ion:112 Resp: 447266
Ion Ratio Lower Upper
112 100
64 65.9 51.4 77.0
63 35.6 28.8 43.2



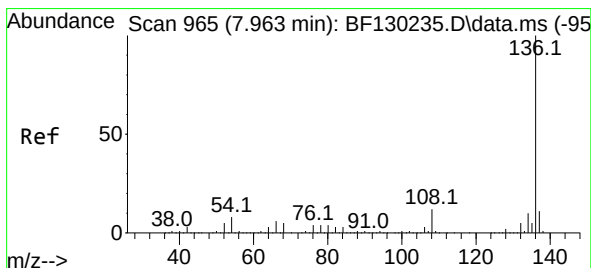
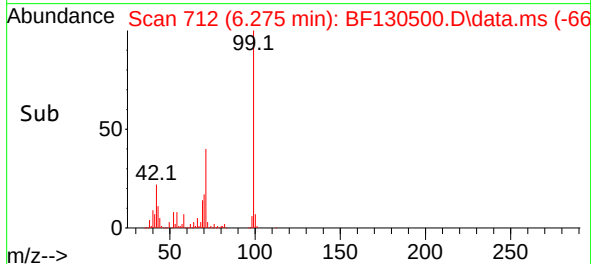
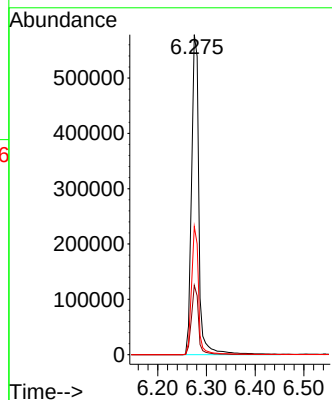


#7
Phenol-d6
Concen: 90.618 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

Instrument :
BNA_F
ClientSampleId :
BUS-WORK-FOUNDATION-2

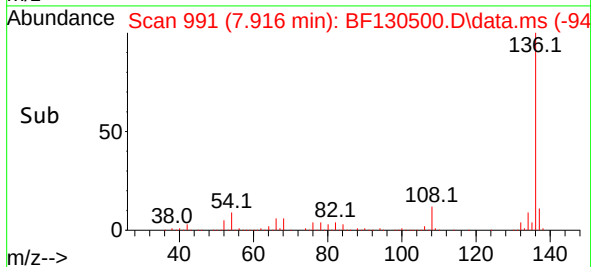
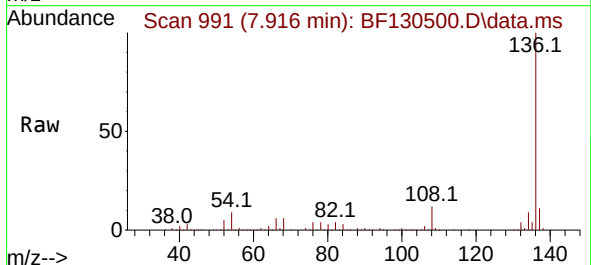
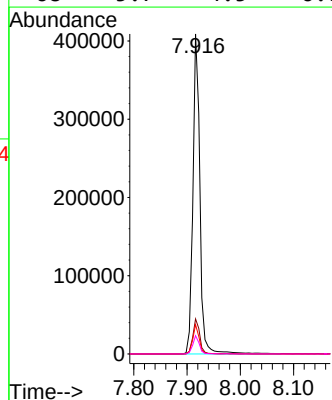


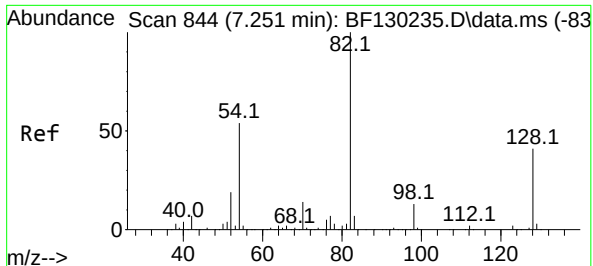
Tgt Ion: 99 Resp: 605866
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 40.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

Tgt Ion: 136 Resp: 373602
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.1 7.1 10.7
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 57.117 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130500.D

Acq: 03 Oct 2022 15:57

Instrument :

BNA_F

ClientSampleId :

BUS-WORK-FOUNDATION-2

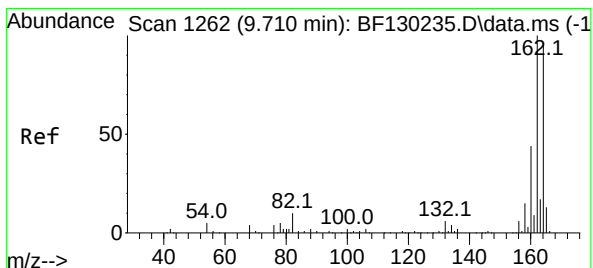
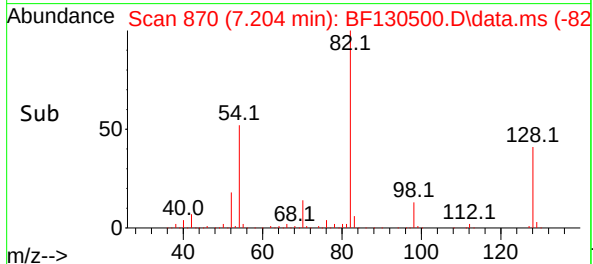
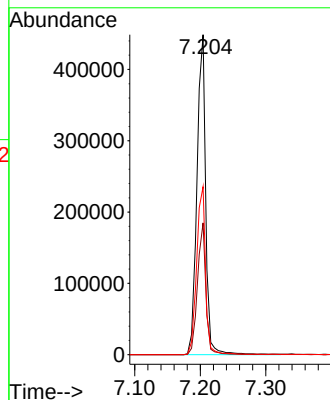
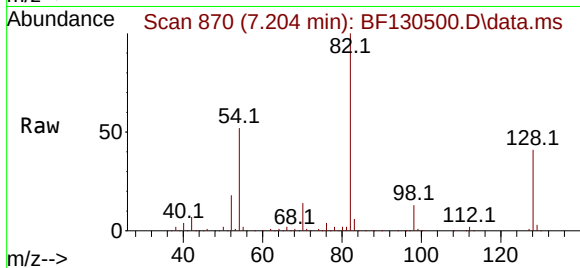
Tgt Ion: 82 Resp: 417690

Ion Ratio Lower Upper

82 100

128 41.2 32.6 49.0

54 52.5 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF130500.D

Acq: 03 Oct 2022 15:57

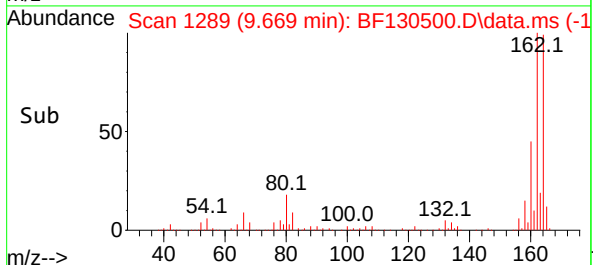
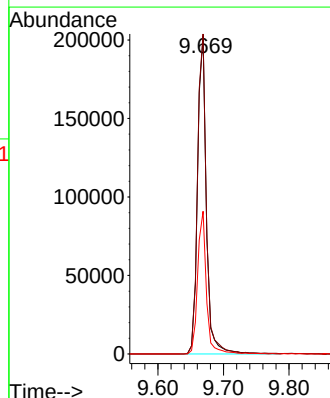
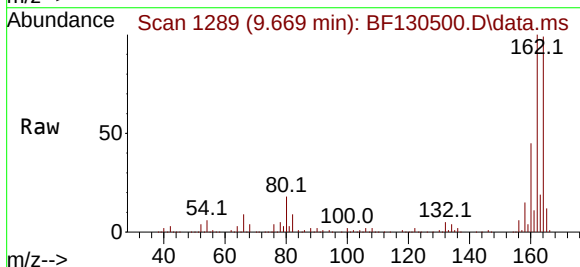
Tgt Ion:164 Resp: 190407

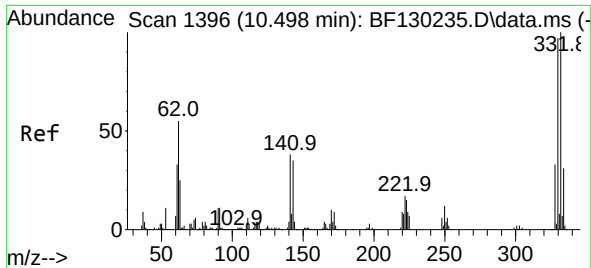
Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.0

160 44.9 36.2 54.4

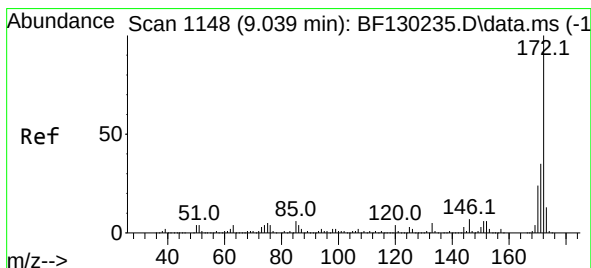
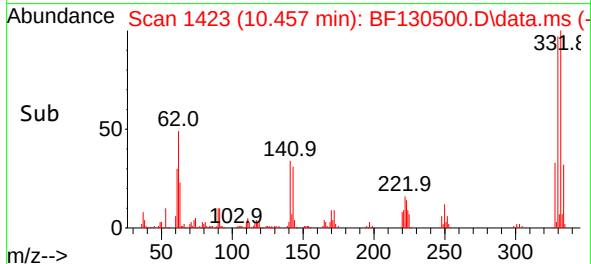
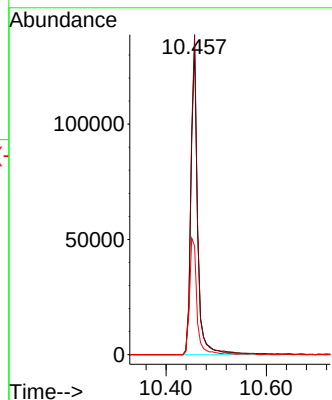
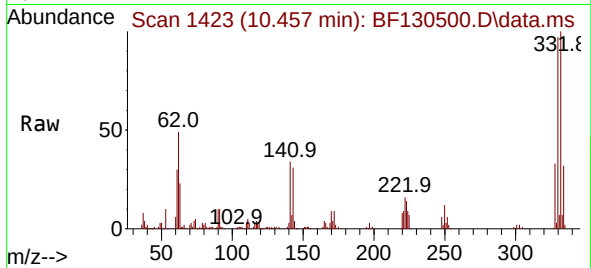




#42
2,4,6-Tribromophenol
Concen: 68.526 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

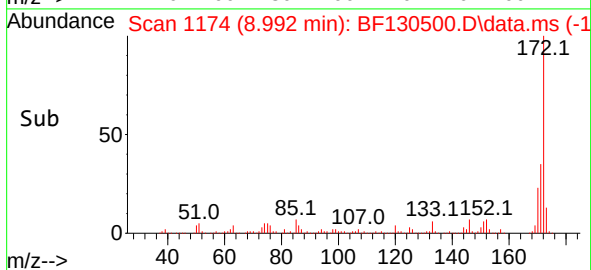
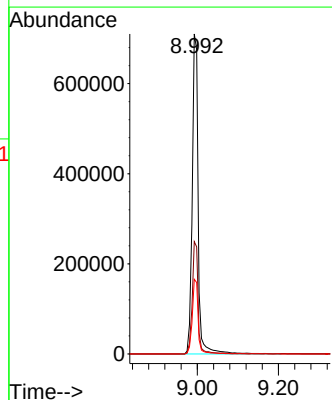
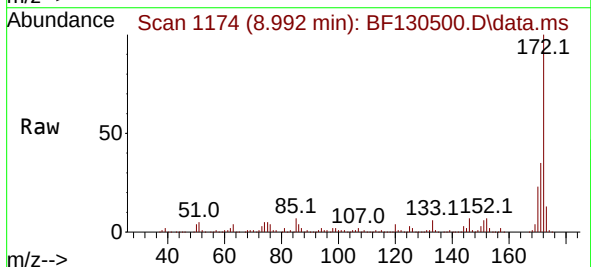
Instrument :
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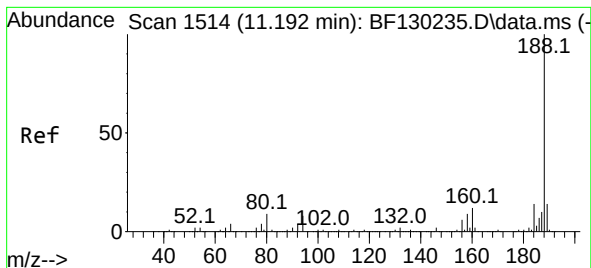
Tgt Ion:330 Resp: 125024
Ion Ratio Lower Upper
330 100
332 102.8 83.4 125.2
141 41.0 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 55.161 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BF130500.D
Acq: 03 Oct 2022 15:57

Tgt Ion:172 Resp: 721272
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130500.D

Acq: 03 Oct 2022 15:57

Instrument :

BNA_F

ClientSampleId :

BUS-WORK-FOUNDATION-2

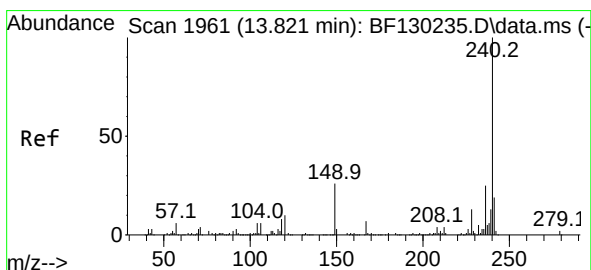
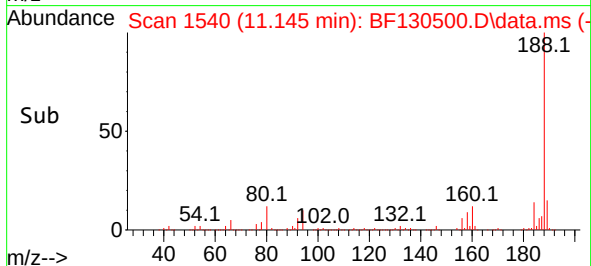
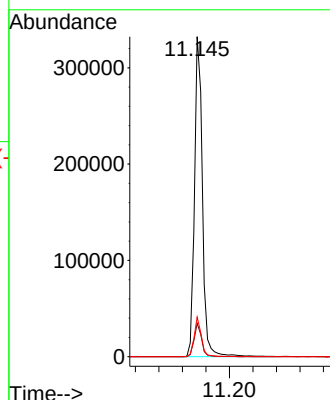
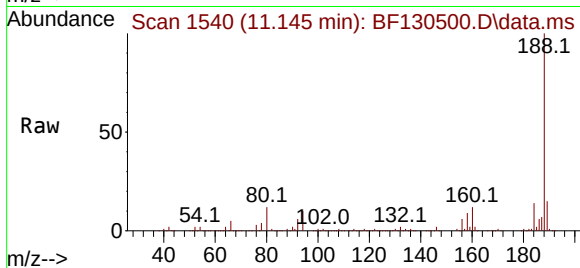
Tgt Ion:188 Resp: 310190

Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.2

80 12.4 7.9 11.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.780 min Scan# 1988

Delta R.T. -0.012 min

Lab File: BF130500.D

Acq: 03 Oct 2022 15:57

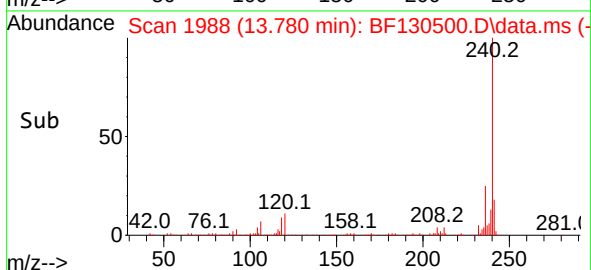
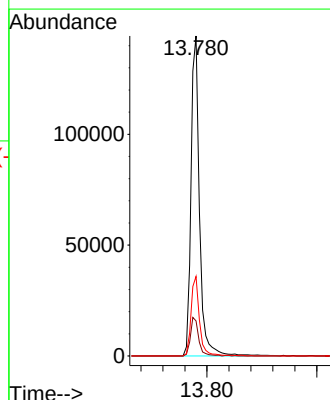
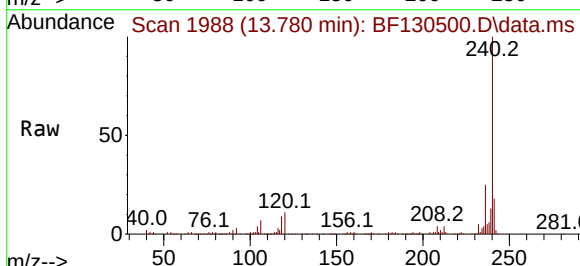
Tgt Ion:240 Resp: 154080

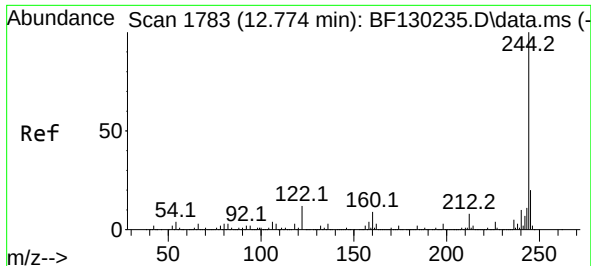
Ion Ratio Lower Upper

240 100

120 11.0 8.7 13.1

236 24.9 20.9 31.3

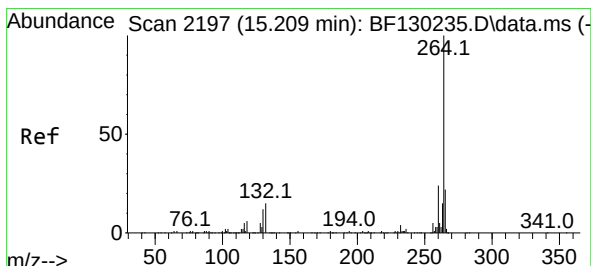
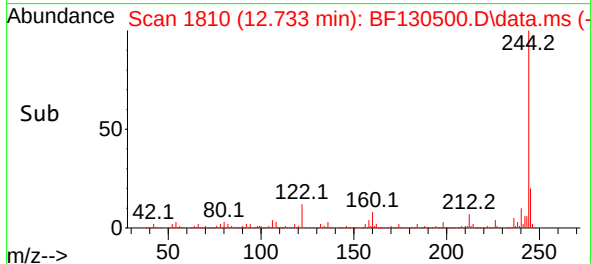
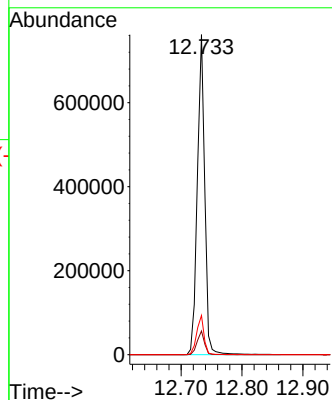
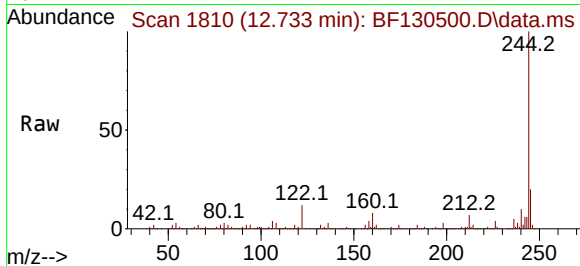




#79
 Terphenyl-d14
 Concen: 69.213 ng
 RT: 12.733 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130500.D
 Acq: 03 Oct 2022 15:57

Instrument :
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Tgt Ion:244 Resp: 643790
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130500.D
 Acq: 03 Oct 2022 15:57

Tgt Ion:264 Resp: 151003
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.1 17.0 25.4

