

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130592.D
 Acq On : 08 Oct 2022 00:39
 Operator : CG\JU
 Sample : N5046-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-9

Quant Time: Oct 10 01:47:45 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	66893	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	229594	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	106070	20.000	ng	-0.01
64) Phenanthrene-d10	11.122	188	194622	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	200768	20.000	ng	-0.01
86) Perylene-d12	15.139	264	146541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	405108	105.040	ng	0.00
7) Phenol-d6	6.257	99	466347	96.640	ng	-0.01
23) Nitrobenzene-d5	7.181	82	285284	63.480	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	118864	116.952	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	486779	66.828	ng	-0.01
79) Terphenyl-d14	12.710	244	625363	51.597	ng	0.00

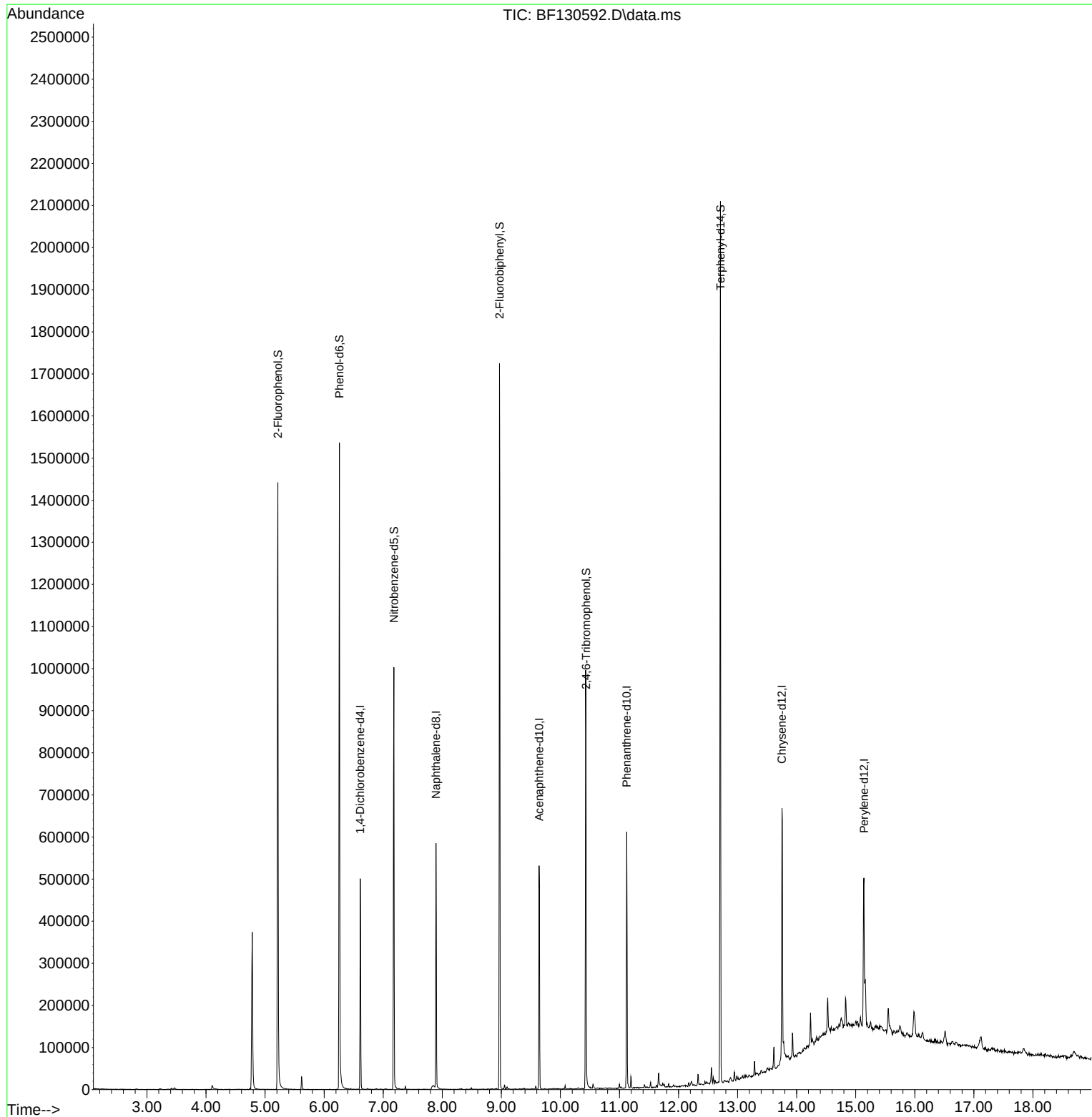
Target Compounds	Qvalue

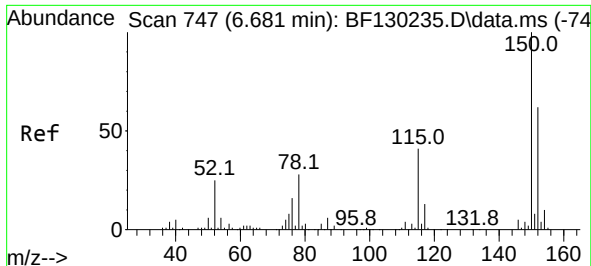
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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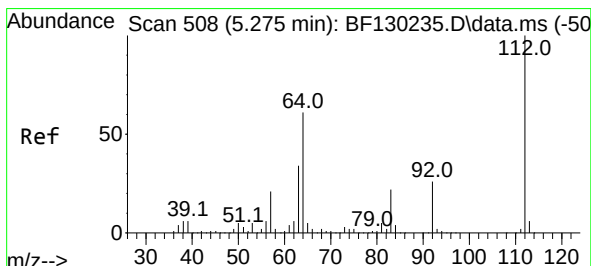
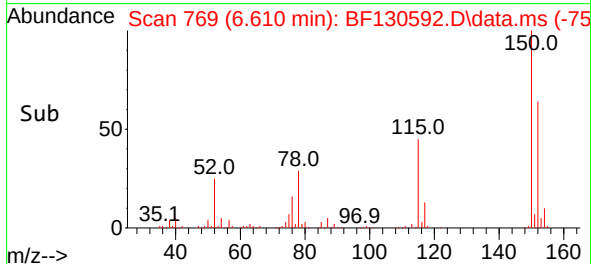
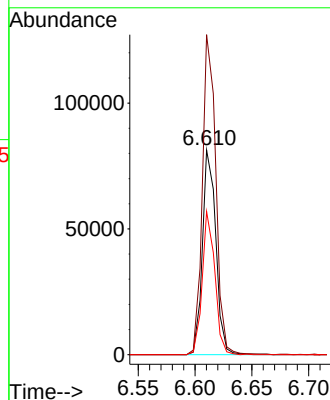
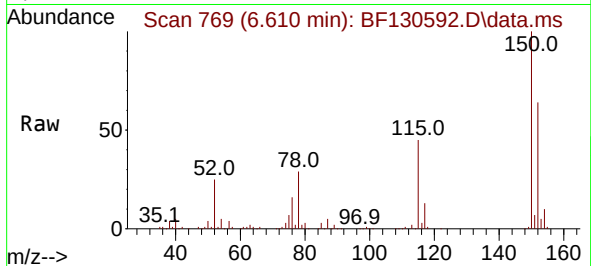




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130592.D
Acq: 08 Oct 2022 00:39

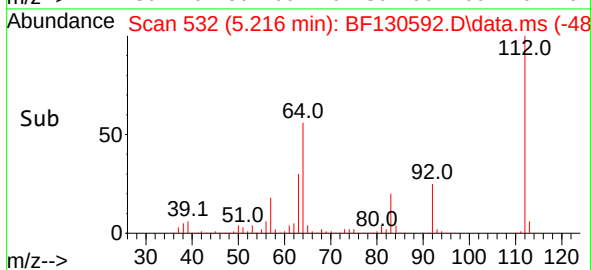
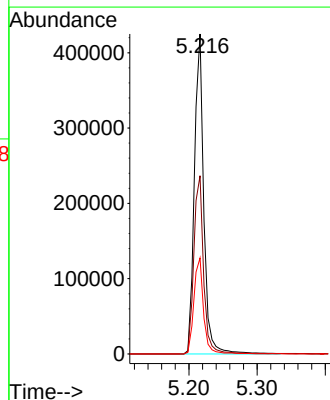
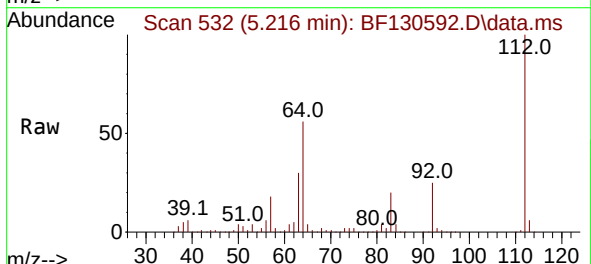
Instrument :
BNA_F
ClientSampleId :
R-9

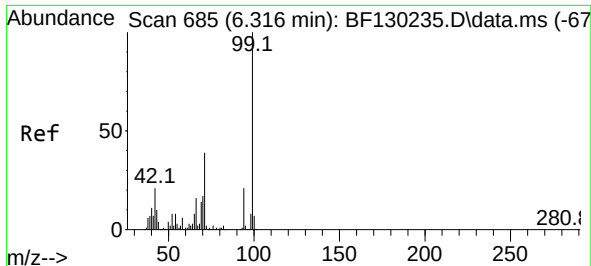
Tgt Ion:152 Resp: 66893
Ion Ratio Lower Upper
152 100
150 156.4 122.8 184.2
115 70.0 53.8 80.8



#5
2-Fluorophenol
Concen: 105.040 ng
RT: 5.216 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF130592.D
Acq: 08 Oct 2022 00:39

Tgt Ion:112 Resp: 405108
Ion Ratio Lower Upper
112 100
64 55.7 51.4 77.0
63 30.0 28.8 43.2

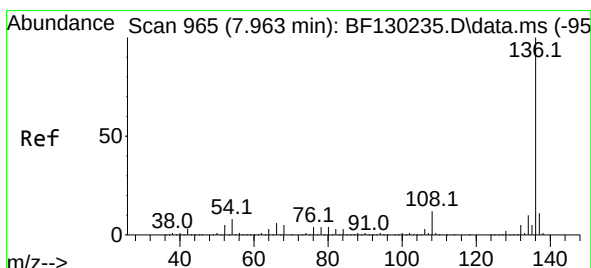
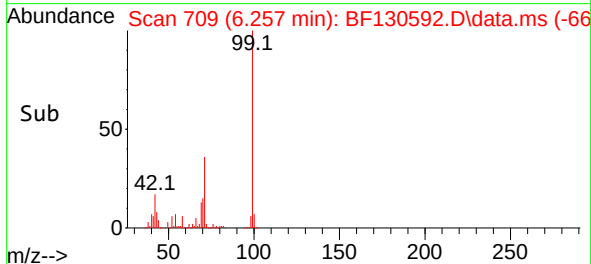
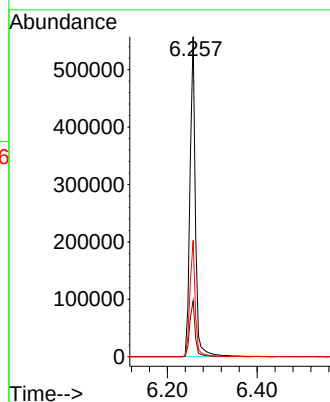
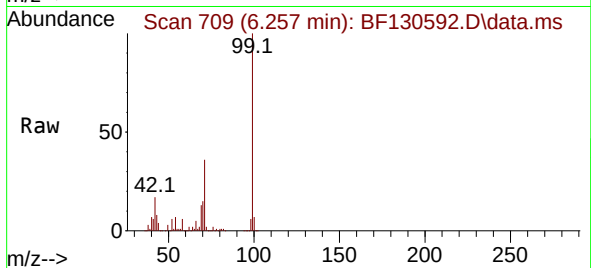




#7
Phenol-d6
Concen: 96.640 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130592.D
Acq: 08 Oct 2022 00:39

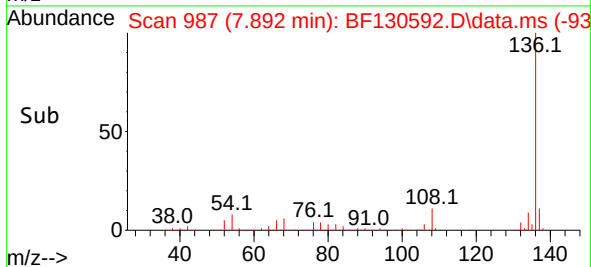
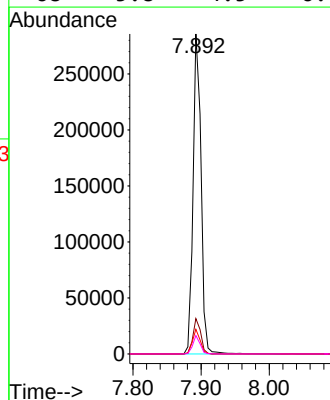
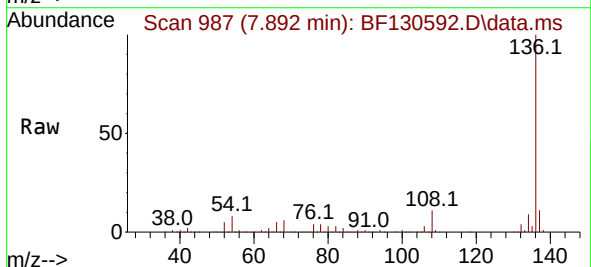
Instrument :
BNA_F
ClientSampleId :
R-9

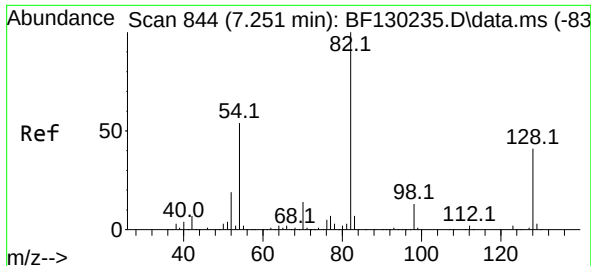
Tgt Ion: 99 Resp: 466347
Ion Ratio Lower Upper
99 100
42 17.5 17.0 25.6
71 36.3 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF130592.D
Acq: 08 Oct 2022 00:39

Tgt Ion: 136 Resp: 229594
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.7 7.1 10.7
68 5.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 63.480 ng

RT: 7.181 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF130592.D

Acq: 08 Oct 2022 00:39

Instrument :

BNA_F

ClientSampleId :

R-9

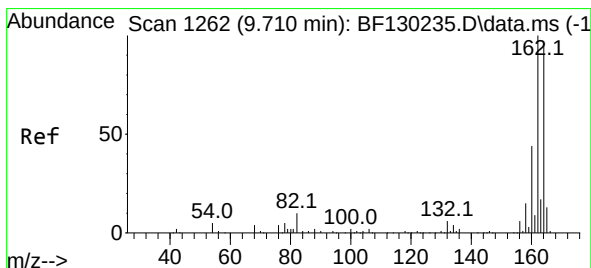
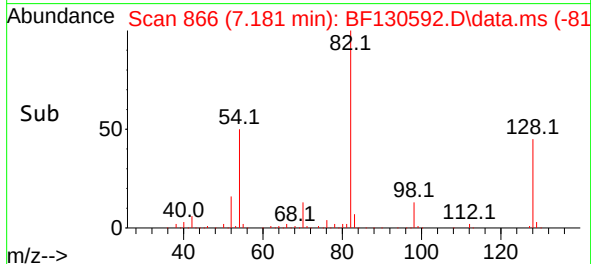
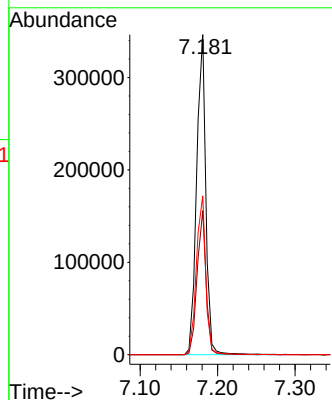
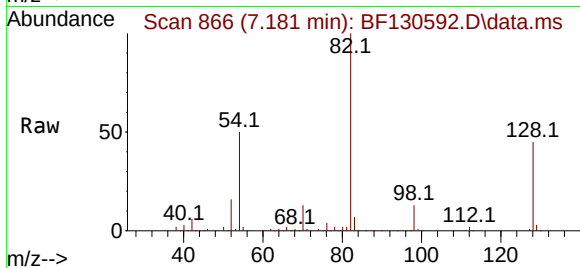
Tgt Ion: 82 Resp: 285284

Ion Ratio Lower Upper

82 100

128 45.0 32.6 49.0

54 49.7 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: BF130592.D

Acq: 08 Oct 2022 00:39

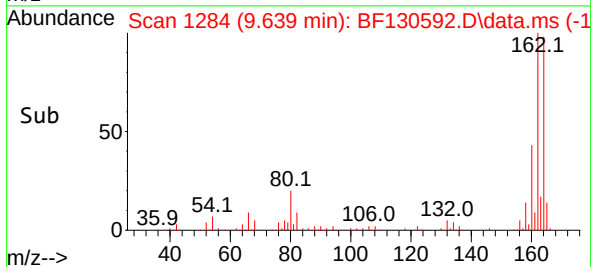
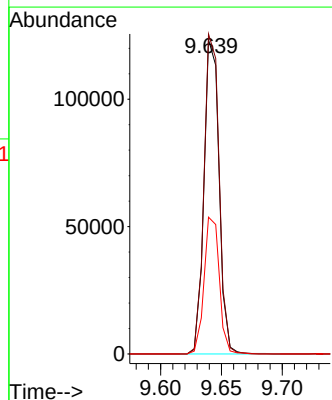
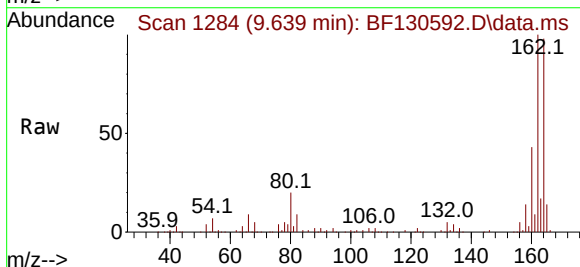
Tgt Ion:164 Resp: 106070

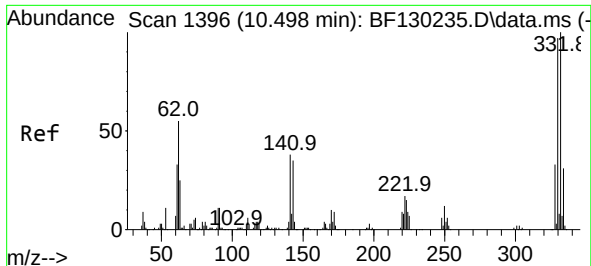
Ion Ratio Lower Upper

164 100

162 101.8 81.4 122.0

160 43.5 36.2 54.4

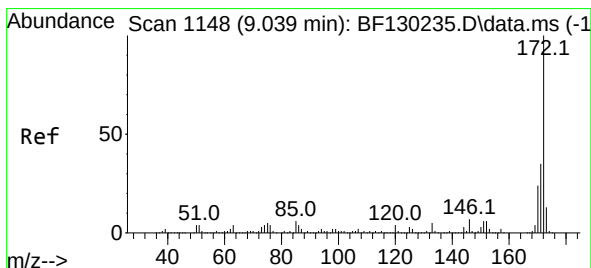
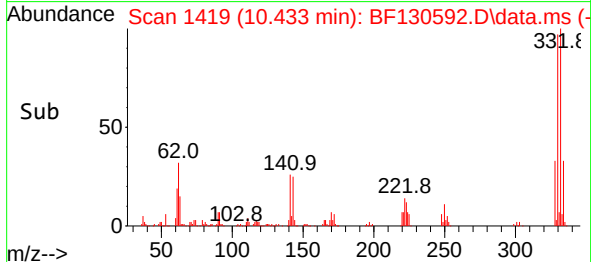
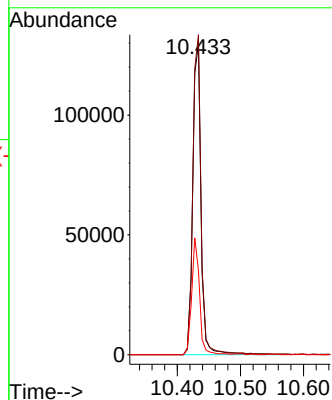
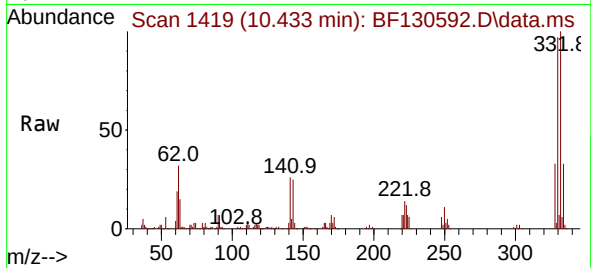




#42
2,4,6-Tribromophenol
Concen: 116.952 ng
RT: 10.433 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130592.D
Acq: 08 Oct 2022 00:39

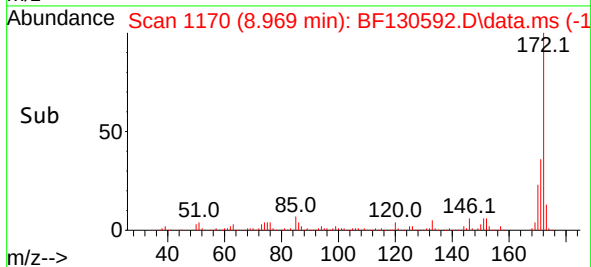
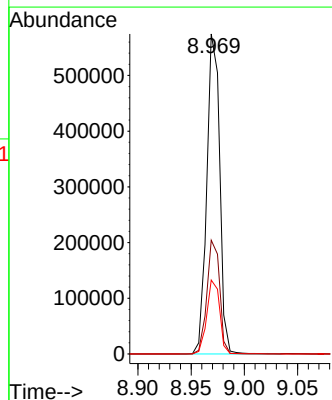
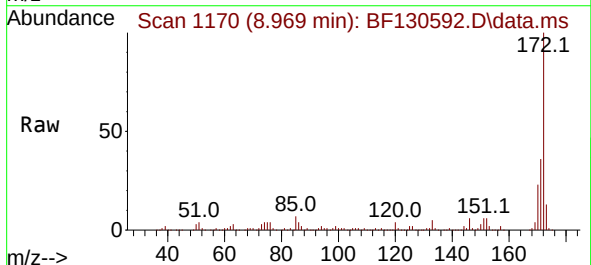
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R-9

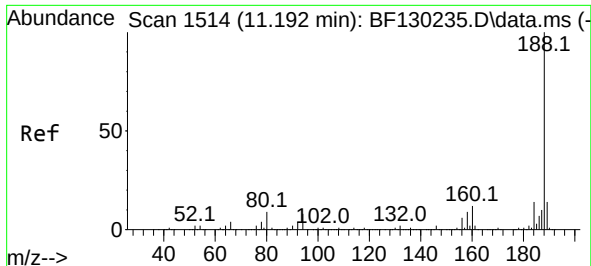
Tgt Ion:330 Resp: 118864
Ion Ratio Lower Upper
330 100
332 102.2 83.4 125.2
141 35.4 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 66.828 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BF130592.D
Acq: 08 Oct 2022 00:39

Tgt Ion:172 Resp: 486779
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.1 18.7 28.1

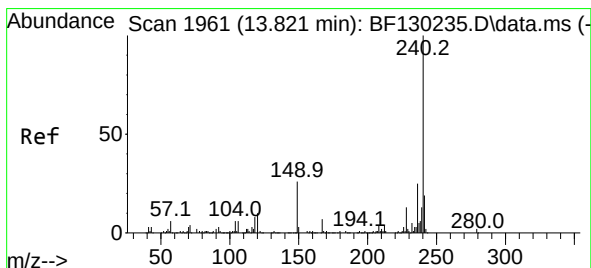
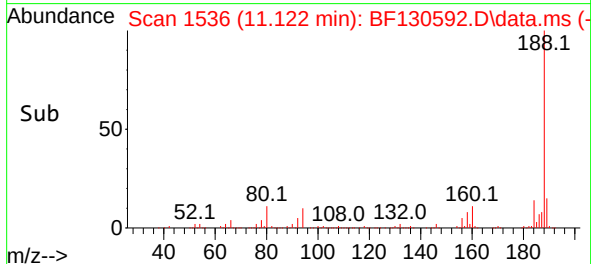
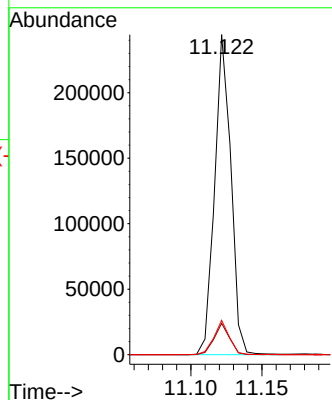
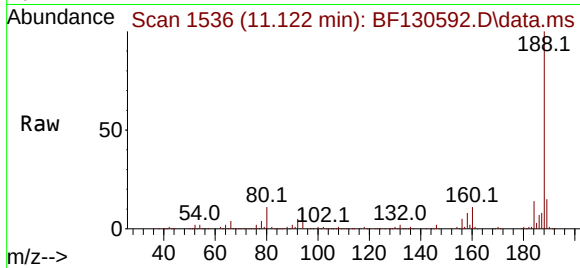




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130592.D
Acq: 08 Oct 2022 00:39

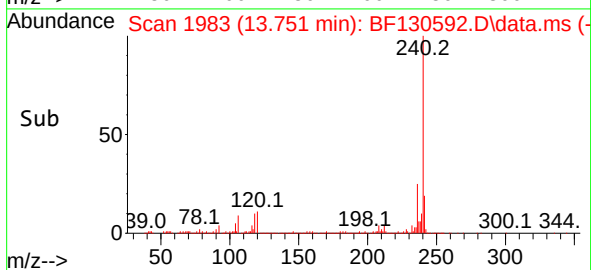
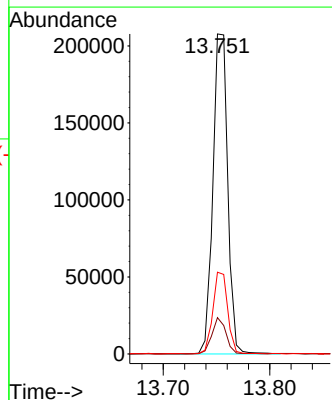
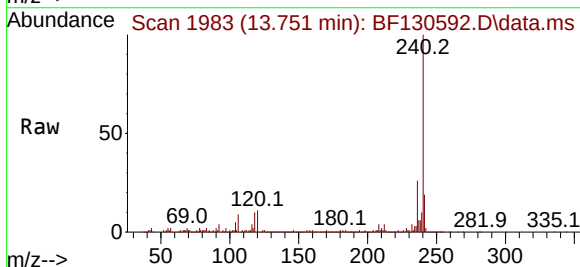
Instrument :
BNA_F
ClientSampleId :
R-9

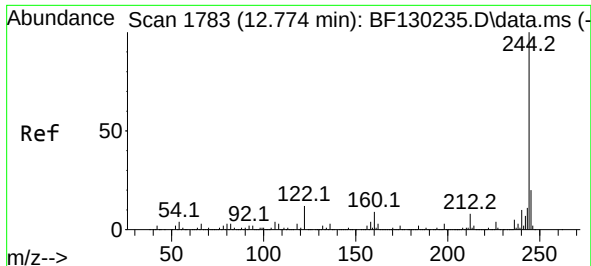
Tgt Ion:188 Resp: 194622
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130592.D
Acq: 08 Oct 2022 00:39

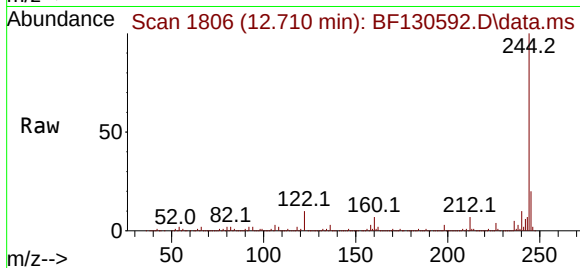
Tgt Ion:240 Resp: 200768
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 25.5 20.9 31.3



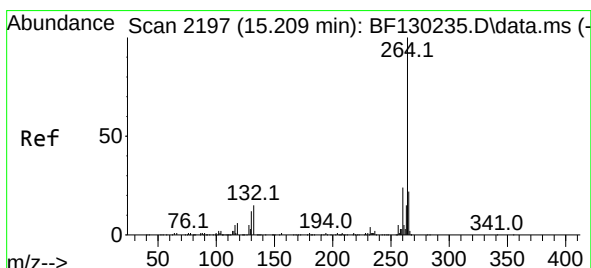
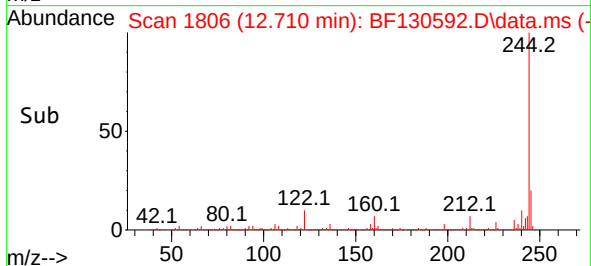
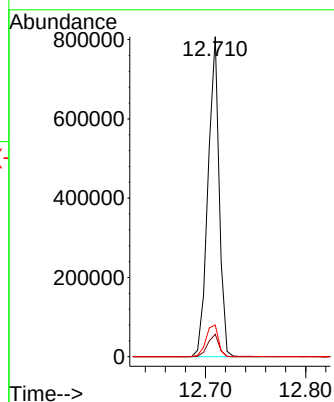


#79
 Terphenyl-d14
 Concen: 51.597 ng
 RT: 12.710 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: BF130592.D
 Acq: 08 Oct 2022 00:39

Instrument :
 BNA_F
 ClientSampleId :
 R-9



Tgt Ion:244 Resp: 625363
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.139 min Scan# 2219
 Delta R.T. -0.006 min
 Lab File: BF130592.D
 Acq: 08 Oct 2022 00:39

Tgt Ion:264 Resp: 146541
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 20.9 17.0 25.4

