

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130392.D
 Acq On : 23 Sep 2022 15:52
 Operator : CG\JU
 Sample : N4764-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 354

Quant Time: Sep 23 17:56:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	84919	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	325908	20.000	ng	#-0.01
39) Acenaphthene-d10	9.686	164	151964	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	231787	20.000	ng	0.00
76) Chrysene-d12	13.798	240	192017	20.000	ng	0.00
86) Perylene-d12	15.192	264	213825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	511975	104.571	ng	0.00
7) Phenol-d6	6.293	99	613283	100.111	ng	0.00
23) Nitrobenzene-d5	7.216	82	393155	61.630	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	149777	102.861	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	749401	71.811	ng	-0.01
79) Terphenyl-d14	12.757	244	656428	56.629	ng	0.00

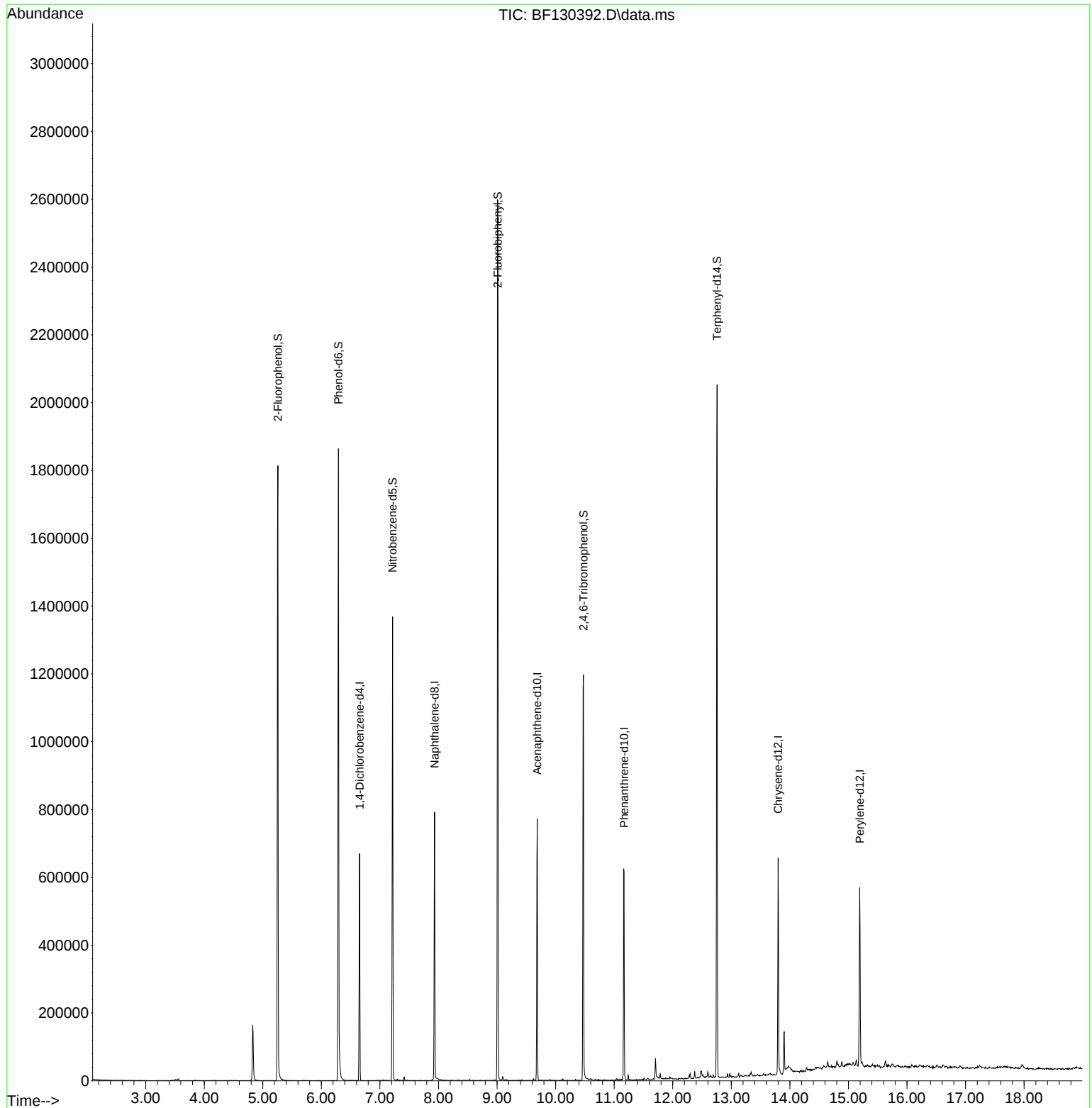
Target Compounds	Qvalue

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

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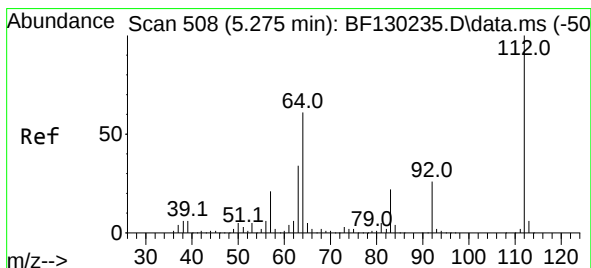
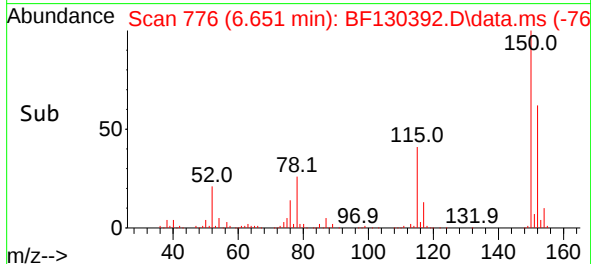
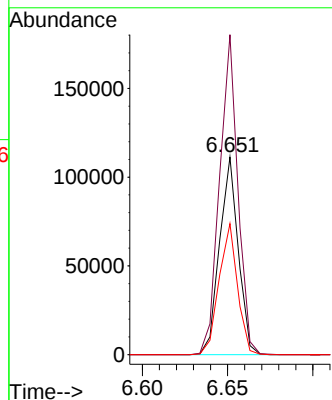
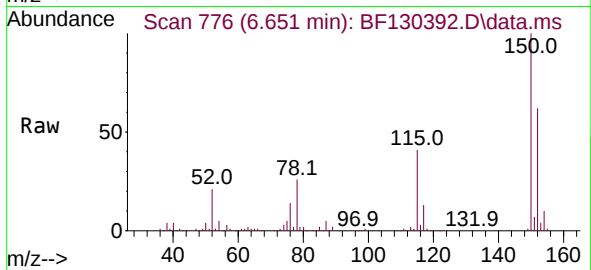




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130392.D
Acq: 23 Sep 2022 15:52

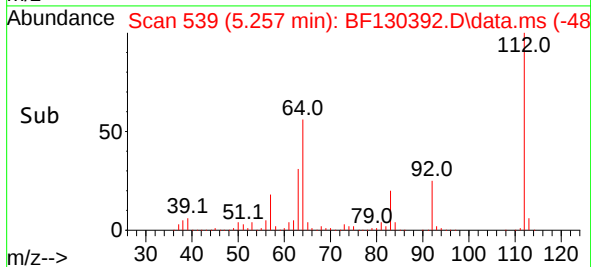
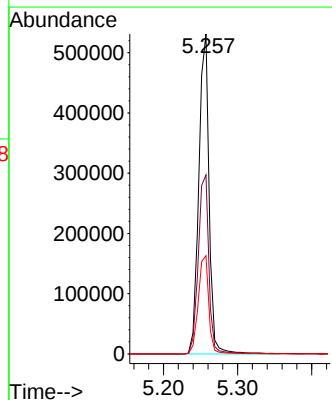
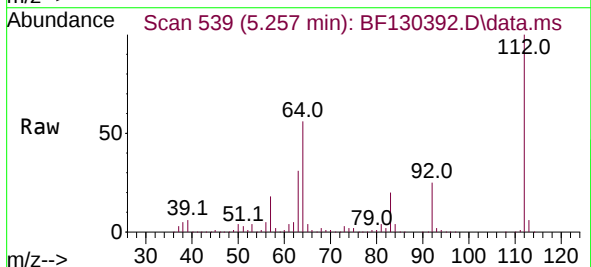
Instrument :
BNA_F
ClientSampleId :
354

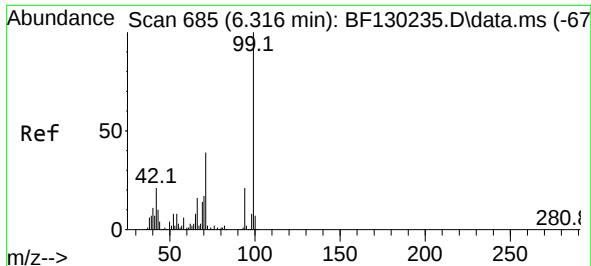
Tgt Ion:152 Resp: 84919
Ion Ratio Lower Upper
152 100
150 162.0 122.8 184.2
115 66.3 53.8 80.8



#5
2-Fluorophenol
Concen: 104.571 ng
RT: 5.257 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF130392.D
Acq: 23 Sep 2022 15:52

Tgt Ion:112 Resp: 511975
Ion Ratio Lower Upper
112 100
64 55.9 51.4 77.0
63 30.7 28.8 43.2

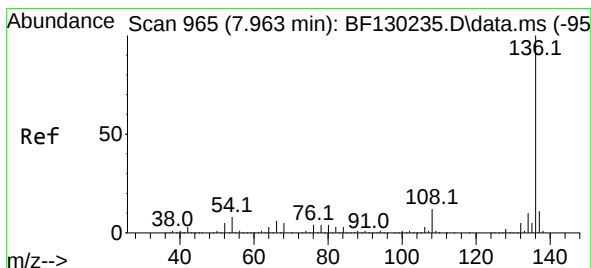
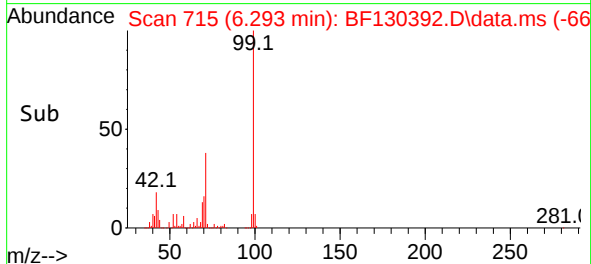
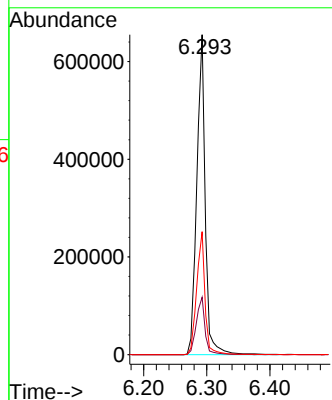
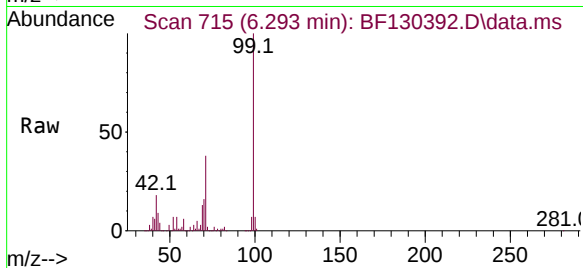




#7
Phenol-d6
Concen: 100.111 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130392.D
Acq: 23 Sep 2022 15:52

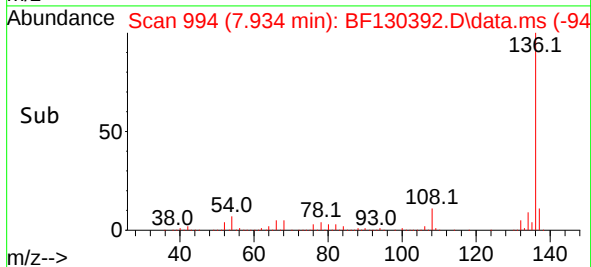
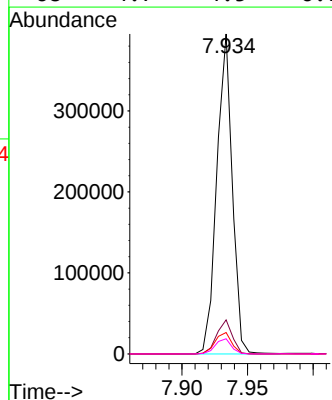
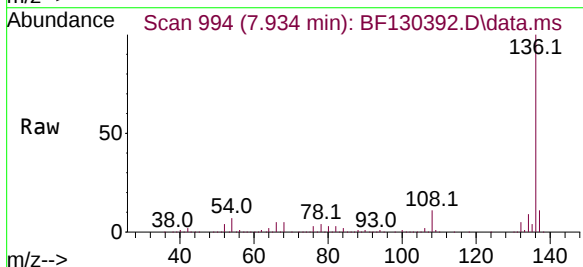
Instrument :
BNA_F
ClientSampleId :
354

Tgt Ion: 99 Resp: 613283
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 38.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF130392.D
Acq: 23 Sep 2022 15:52

Tgt Ion: 136 Resp: 325908
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.7 7.1 10.7#
68 4.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 61.630 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF130392.D

Acq: 23 Sep 2022 15:52

Instrument :

BNA_F

ClientSampleId :

354

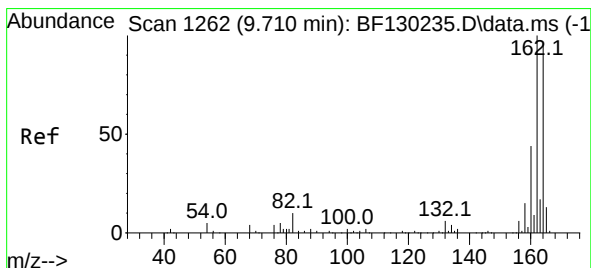
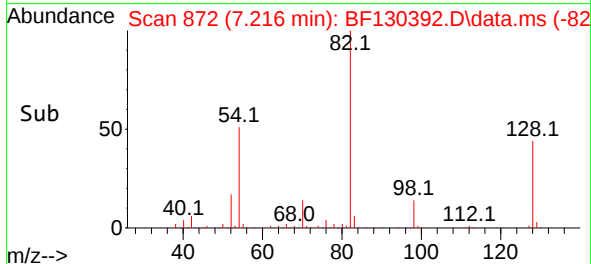
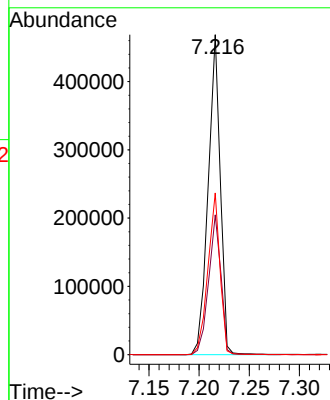
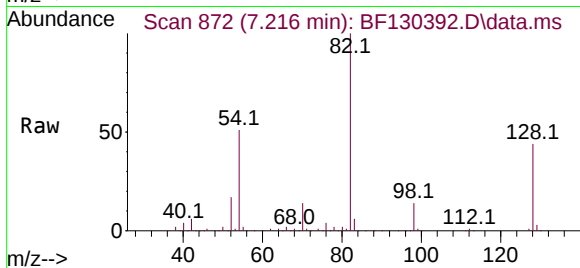
Tgt Ion: 82 Resp: 393155

Ion Ratio Lower Upper

82 100

128 43.7 32.6 49.0

54 50.5 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF130392.D

Acq: 23 Sep 2022 15:52

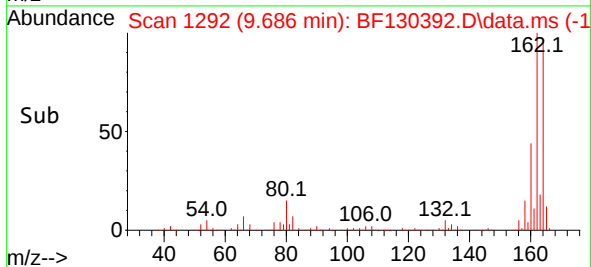
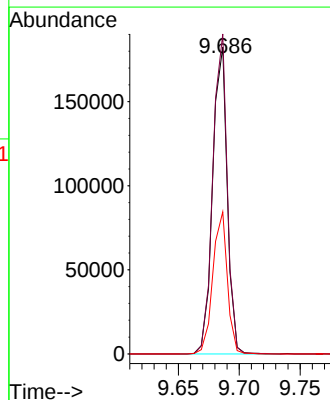
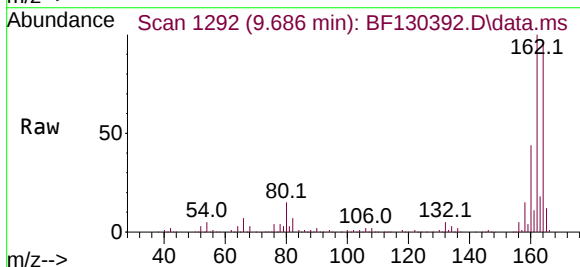
Tgt Ion:164 Resp: 151964

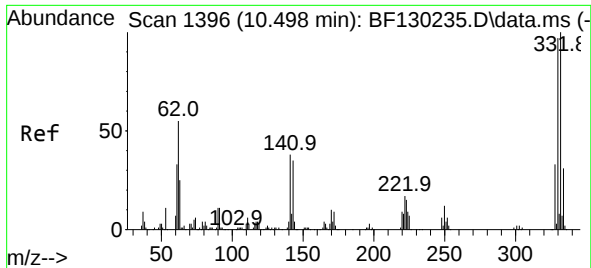
Ion Ratio Lower Upper

164 100

162 104.3 81.4 122.0

160 46.3 36.2 54.4

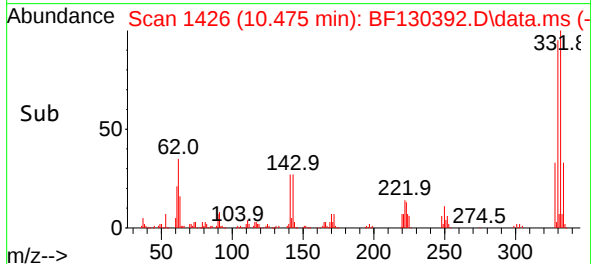
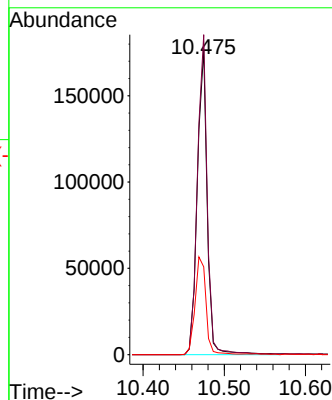
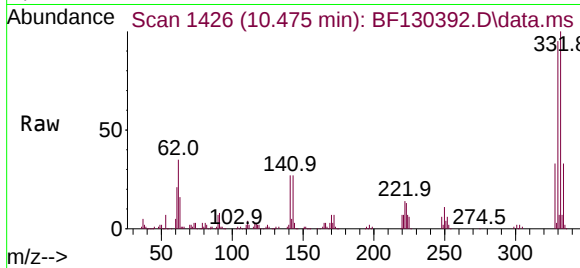




#42
2,4,6-Tribromophenol
Concen: 102.861 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130392.D
Acq: 23 Sep 2022 15:52

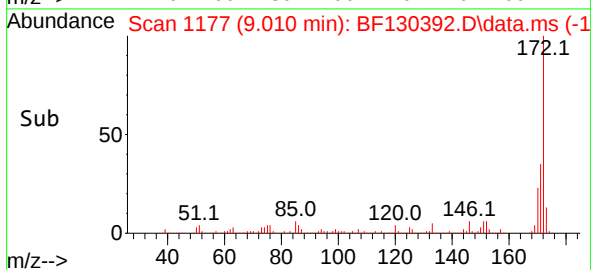
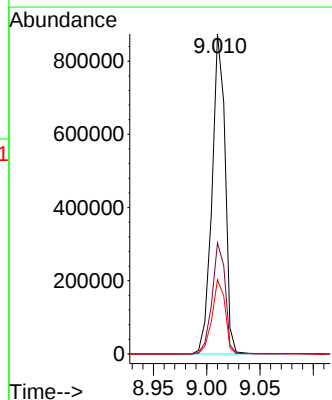
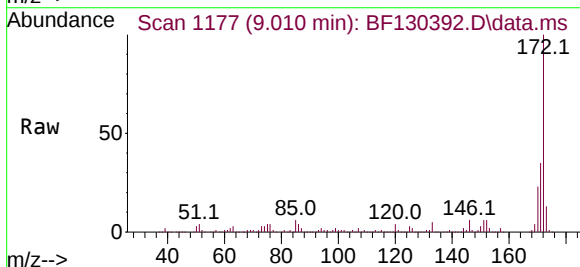
Instrument :
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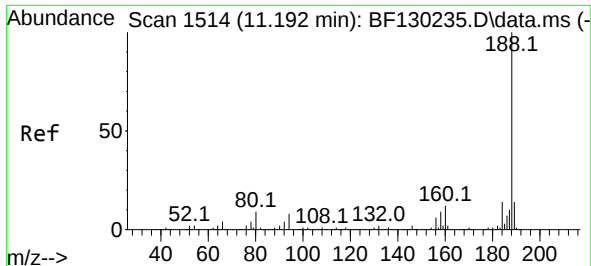
Tgt Ion:330 Resp: 149777
Ion Ratio Lower Upper
330 100
332 104.2 83.4 125.2
141 35.2 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 71.811 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF130392.D
Acq: 23 Sep 2022 15:52

Tgt Ion:172 Resp: 749401
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.2 18.7 28.1

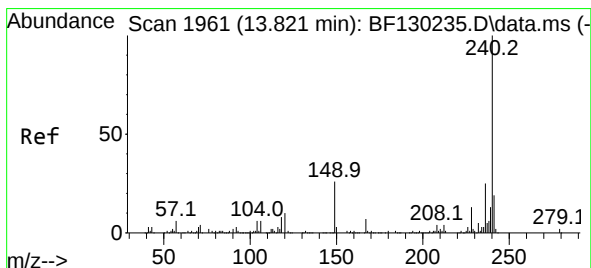
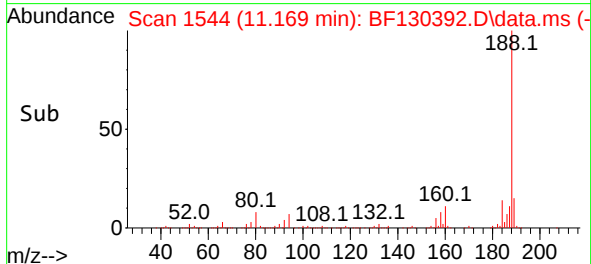
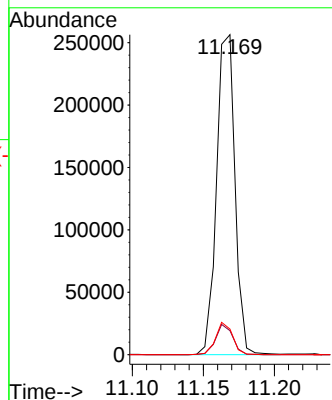
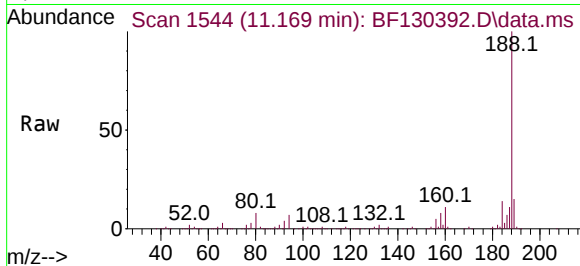




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130392.D
Acq: 23 Sep 2022 15:52

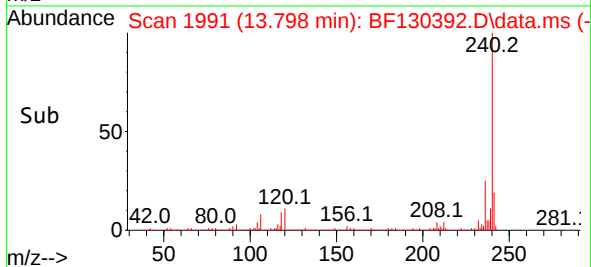
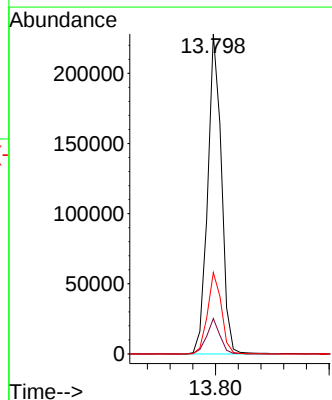
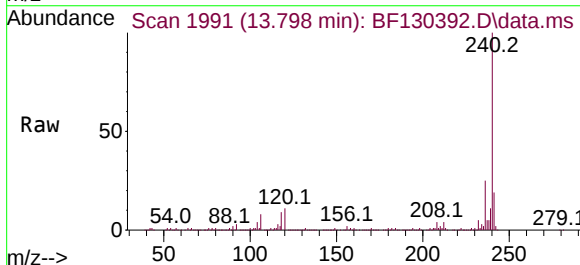
Instrument :
BNA_F
ClientSampleId :
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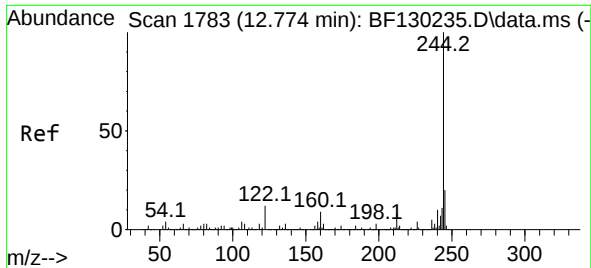
Tgt Ion:188 Resp: 231787
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 8.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130392.D
Acq: 23 Sep 2022 15:52

Tgt Ion:240 Resp: 192017
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 25.4 20.9 31.3

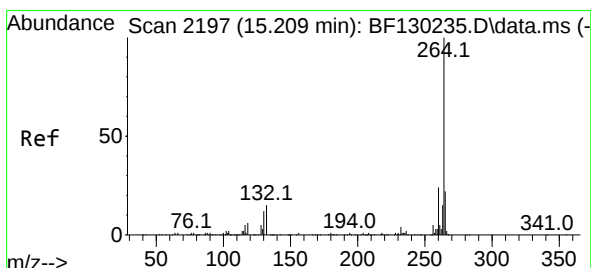
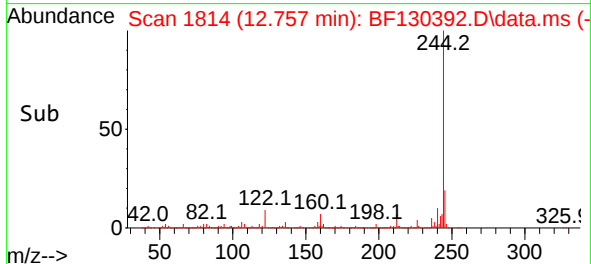
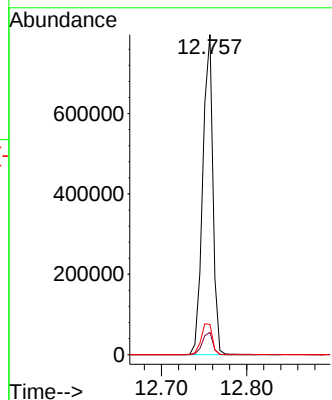
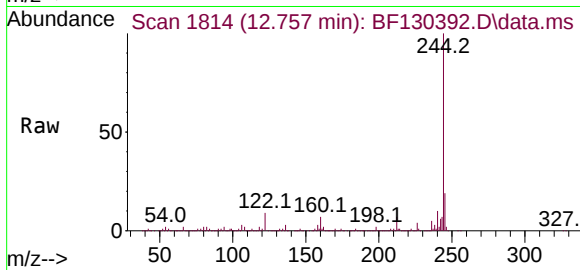




#79
 Terphenyl-d14
 Concen: 56.629 ng
 RT: 12.757 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: BF130392.D
 Acq: 23 Sep 2022 15:52

Instrument :
 BNA_F
 ClientSampleId :
 354

Tgt Ion:244 Resp: 656428
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. 0.006 min
 Lab File: BF130392.D
 Acq: 23 Sep 2022 15:52

Tgt Ion:264 Resp: 213825
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.6 17.0 25.4

