

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130442.D
 Acq On : 28 Sep 2022 11:38
 Operator : CG\JU
 Sample : PB147922BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147922BL

Quant Time: Sep 29 02:12:26 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	6.646	152	117889	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	470655	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	247787	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	418818	20.000	ng	0.00
76) Chrysene-d12	13.786	240	265114	20.000	ng	0.00
86) Perylene-d12	15.174	264	196772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	890975	131.086	ng	0.01
7) Phenol-d6	6.287	99	1109052	130.409	ng	0.00
23) Nitrobenzene-d5	7.210	82	695880	75.536	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	346302	145.856	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1367289	80.353	ng	0.00
79) Terphenyl-d14	12.745	244	1418651	88.640	ng	0.00

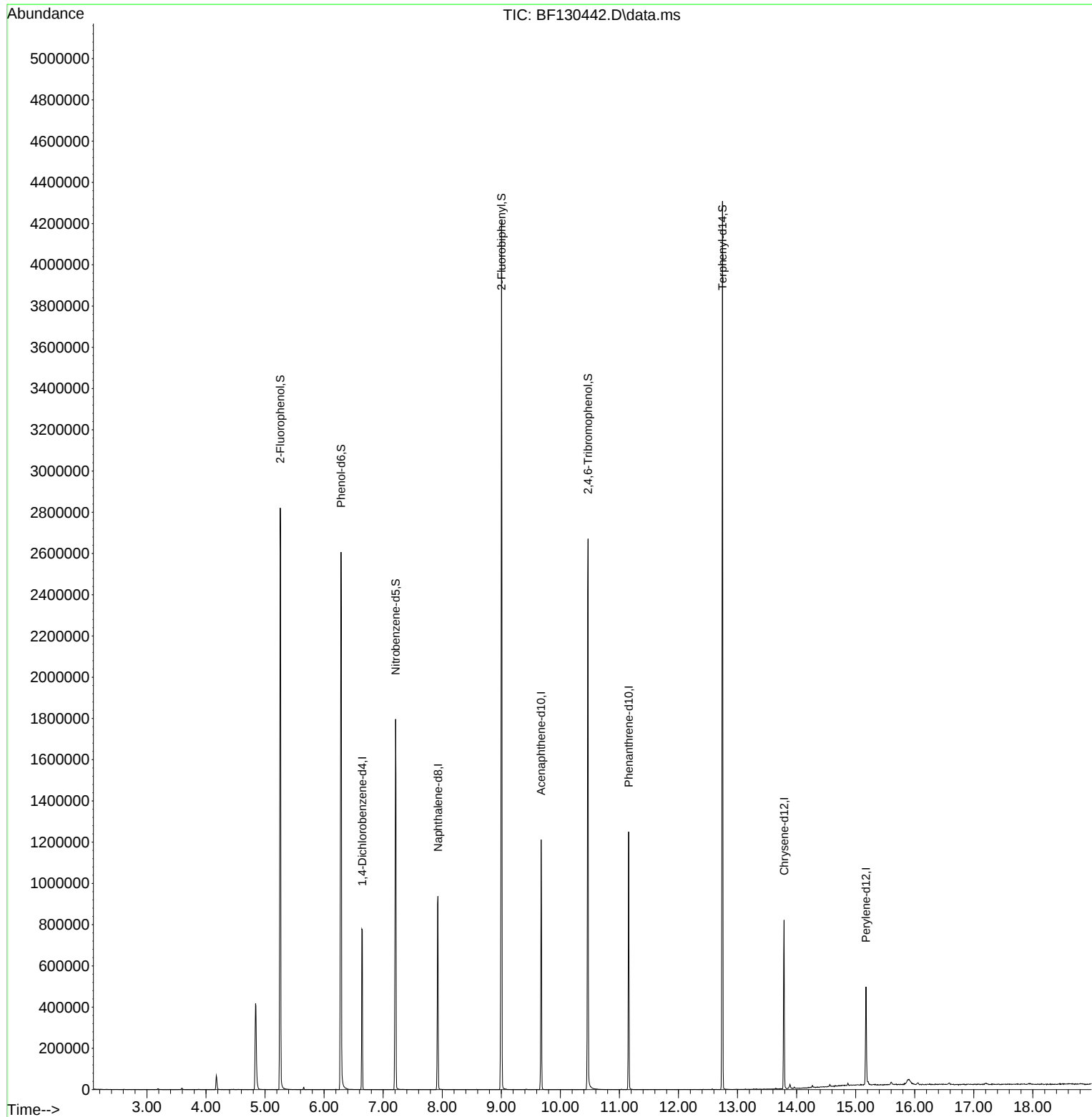
Target Compounds Qvalue

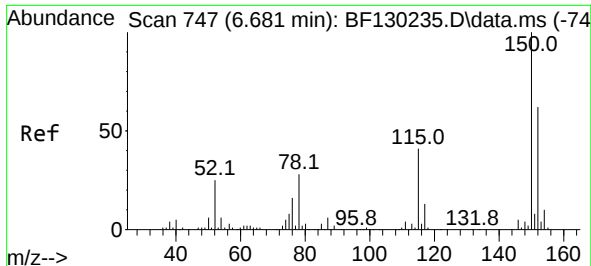
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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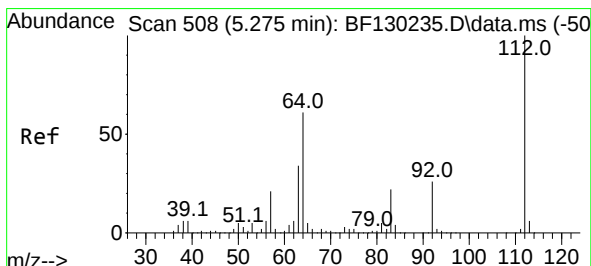
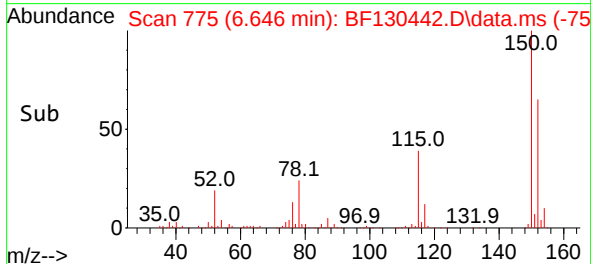
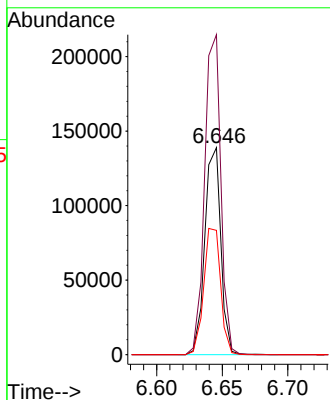
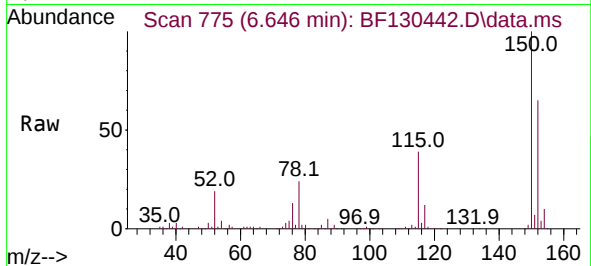




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.646 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF130442.D
Acq: 28 Sep 2022 11:38

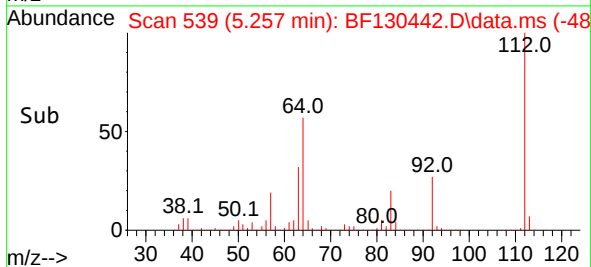
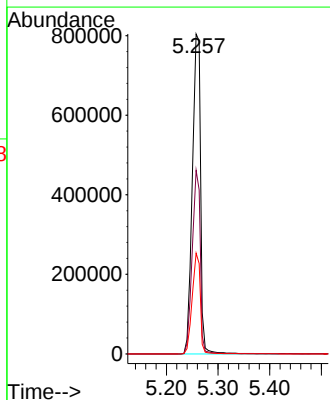
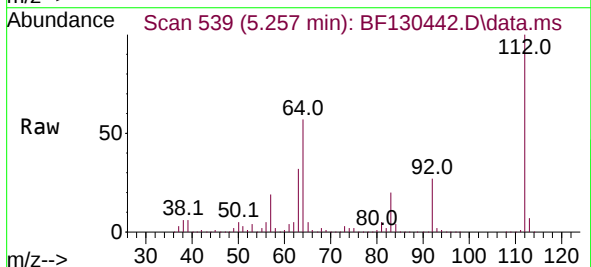
Instrument :
BNA_F
ClientSampleId :
PB147922BL

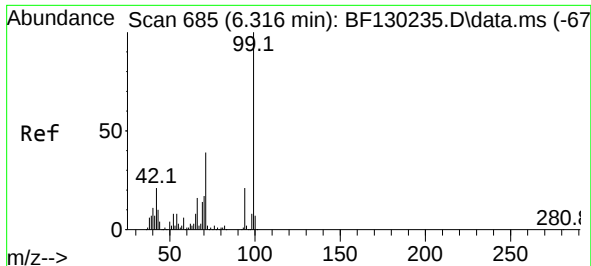
Tgt Ion:152 Resp: 117889
Ion Ratio Lower Upper
152 100
150 154.6 122.8 184.2
115 60.0 53.8 80.8



#5
2-Fluorophenol
Concen: 131.086 ng
RT: 5.257 min Scan# 539
Delta R.T. 0.012 min
Lab File: BF130442.D
Acq: 28 Sep 2022 11:38

Tgt Ion:112 Resp: 890975
Ion Ratio Lower Upper
112 100
64 57.4 51.4 77.0
63 31.5 28.8 43.2

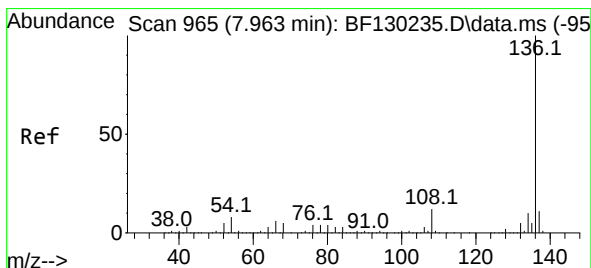
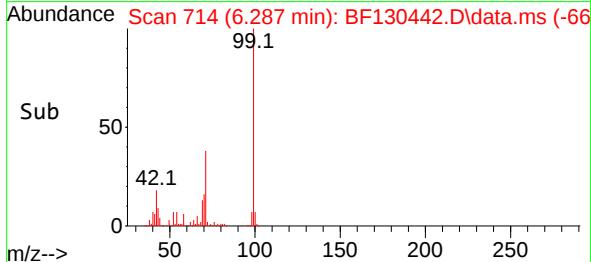
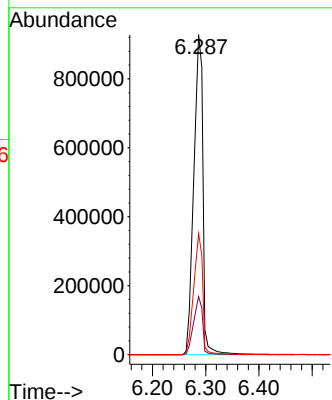
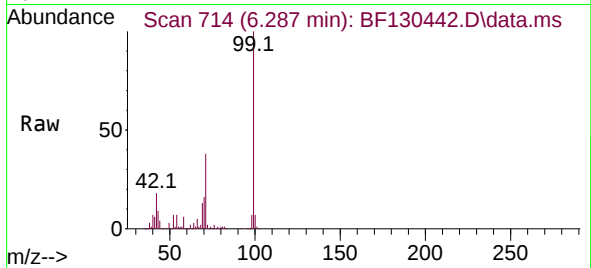




#7
Phenol-d6
Concen: 130.409 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130442.D
Acq: 28 Sep 2022 11:38

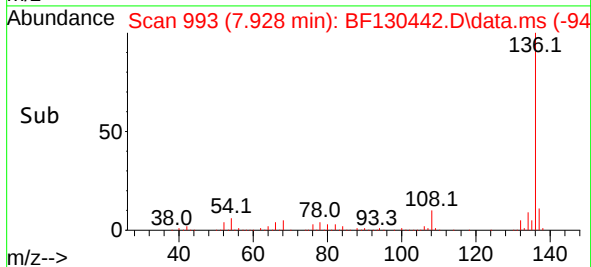
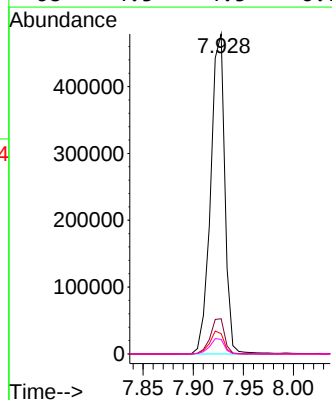
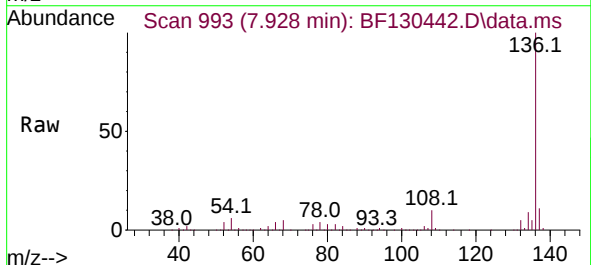
Instrument :
BNA_F
ClientSampleId :
PB147922BL

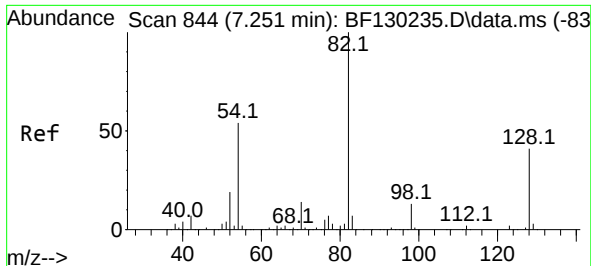
Tgt Ion: 99 Resp: 1109052
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 37.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130442.D
Acq: 28 Sep 2022 11:38

Tgt Ion: 136 Resp: 470655
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.3 7.1 10.7#
68 4.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 75.536 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130442.D

Acq: 28 Sep 2022 11:38

Instrument :

BNA_F

ClientSampleId :

PB147922BL

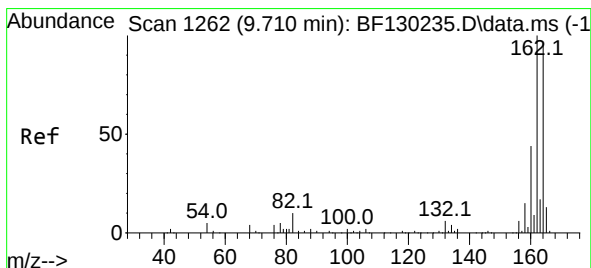
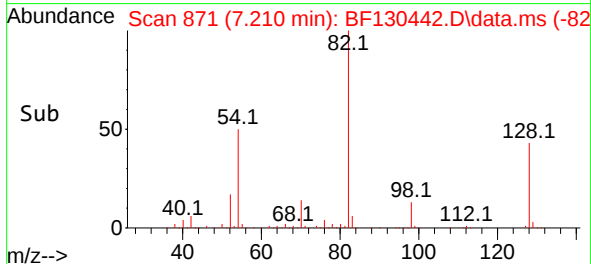
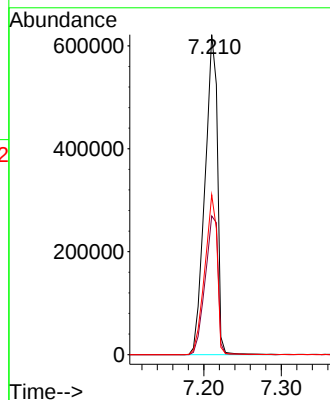
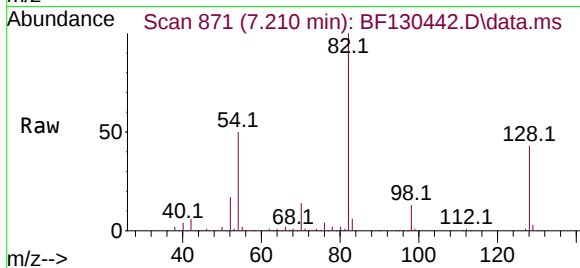
Tgt Ion: 82 Resp: 695880

Ion Ratio Lower Upper

82 100

128 43.3 32.6 49.0

54 49.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.675 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF130442.D

Acq: 28 Sep 2022 11:38

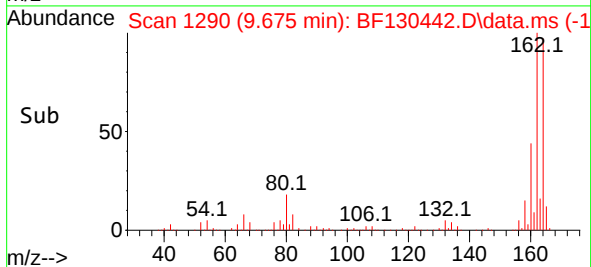
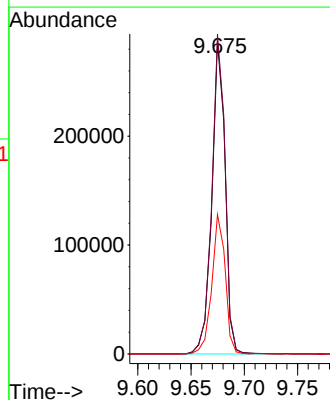
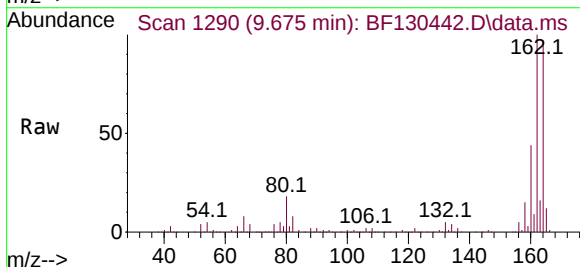
Tgt Ion:164 Resp: 247787

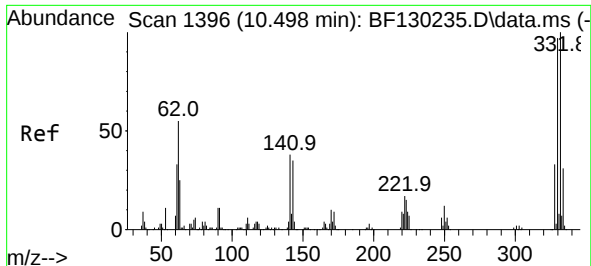
Ion Ratio Lower Upper

164 100

162 102.6 81.4 122.0

160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 145.856 ng

RT: 10.469 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF130442.D

Acq: 28 Sep 2022 11:38

Instrument :

BNA_F

ClientSampleId :

PB147922BL

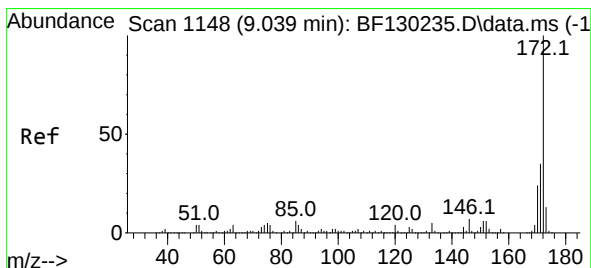
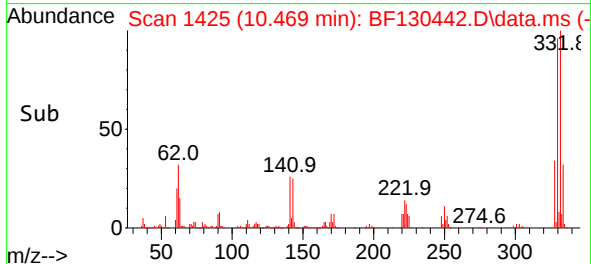
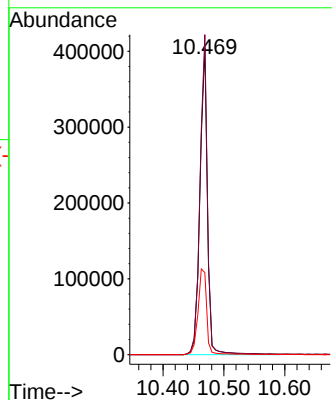
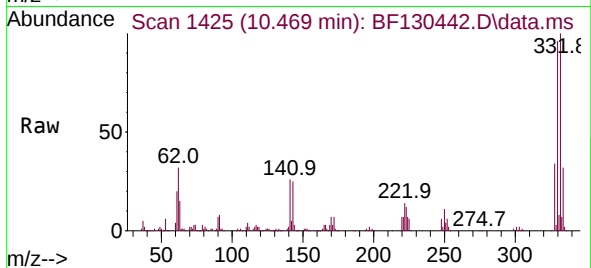
Tgt Ion:330 Resp: 346302

Ion Ratio Lower Upper

330 100

332 103.5 83.4 125.2

141 32.5 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 80.353 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130442.D

Acq: 28 Sep 2022 11:38

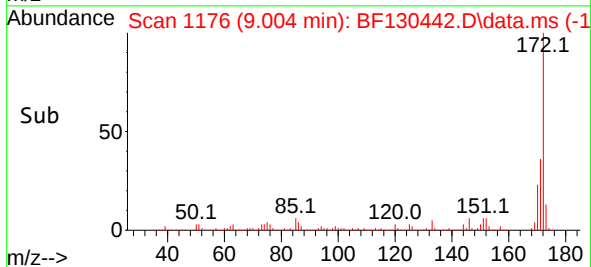
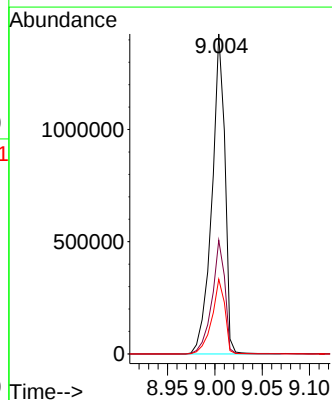
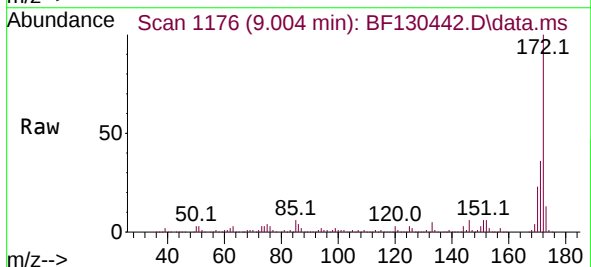
Tgt Ion:172 Resp: 1367289

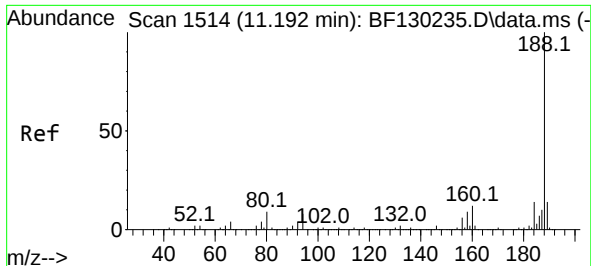
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 18.7 28.1

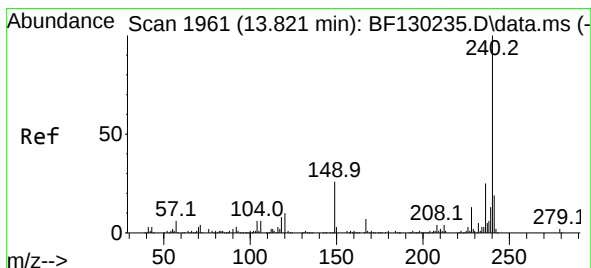
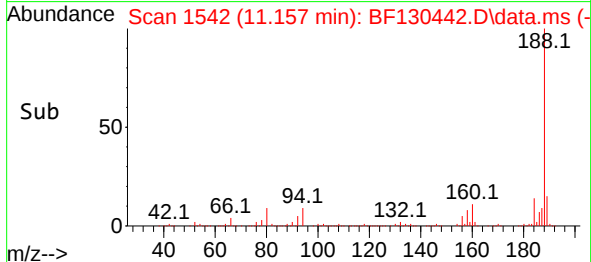
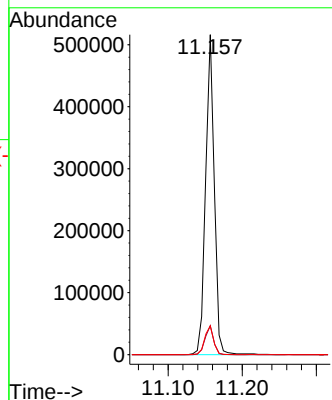
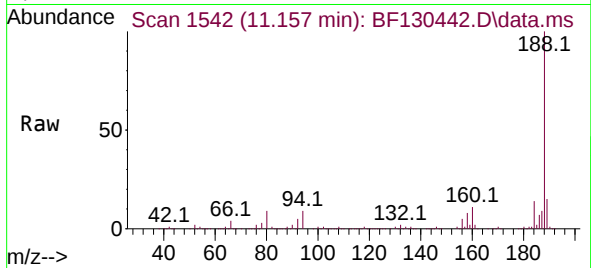




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130442.D
Acq: 28 Sep 2022 11:38

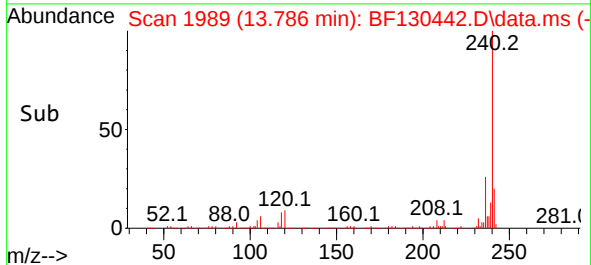
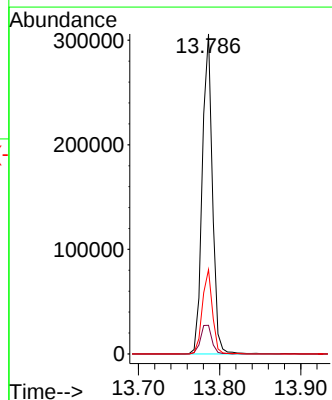
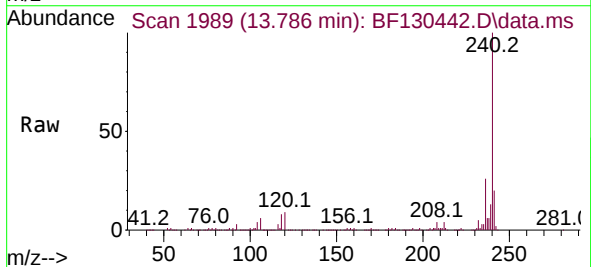
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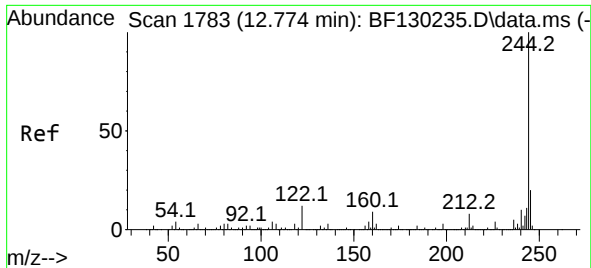
Tgt Ion:188 Resp: 418818
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130442.D
Acq: 28 Sep 2022 11:38

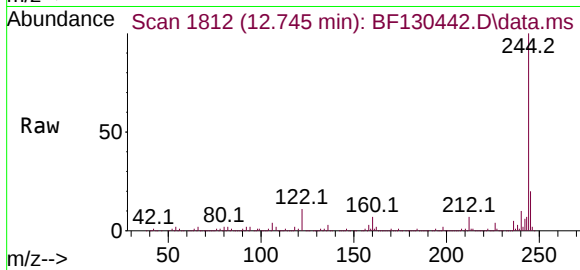
Tgt Ion:240 Resp: 265114
Ion Ratio Lower Upper
240 100
120 8.9 8.7 13.1
236 26.3 20.9 31.3



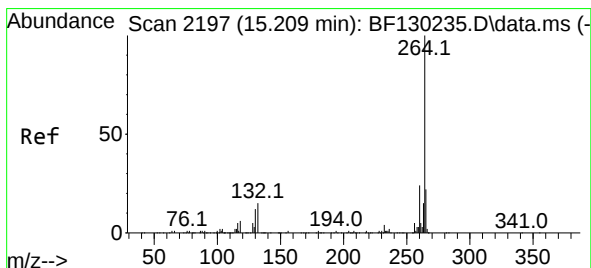
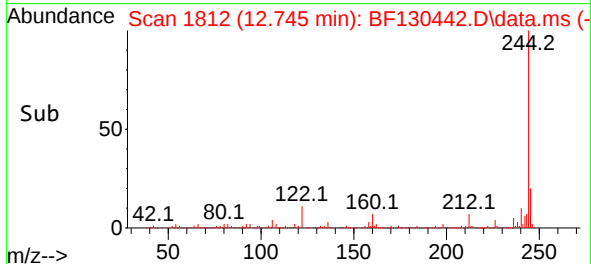
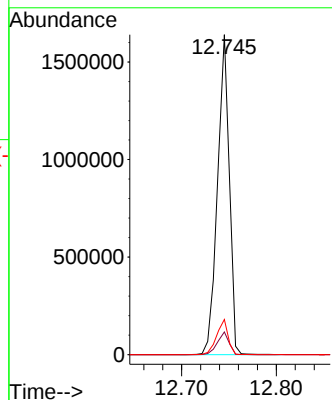


#79
 Terphenyl-d14
 Concen: 88.640 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: BF130442.D
 Acq: 28 Sep 2022 11:38

Instrument :
 BNA_F
 ClientSampleId :
 PB147922BL



Tgt Ion:244 Resp: 1418651
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. 0.000 min
 Lab File: BF130442.D
 Acq: 28 Sep 2022 11:38

Tgt Ion:264 Resp: 196772
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.8 17.0 25.4

