

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130435.D
 Acq On : 27 Sep 2022 20:57
 Operator : CG\JU
 Sample : N4764-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 355

Quant Time: Sep 28 03:02:15 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)

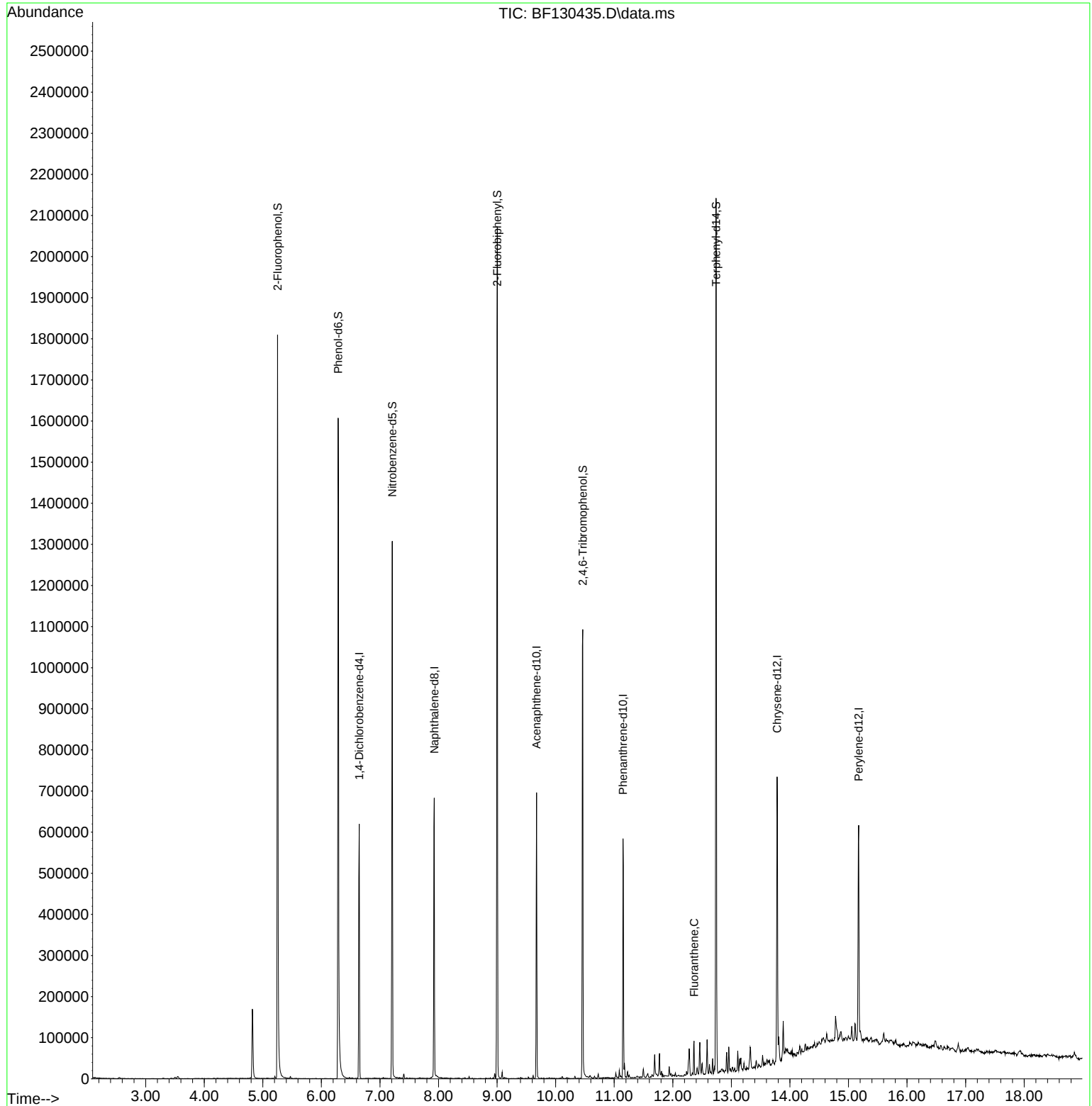
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	85492	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	295414	20.000	ng	# 0.00
39) Acenaphthene-d10	9.674	164	129193	20.000	ng	0.00
64) Phenanthrene-d10	11.151	188	205164	20.000	ng	0.00
76) Chrysene-d12	13.780	240	218056	20.000	ng	-0.01
86) Perylene-d12	15.174	264	222358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	511557	103.785	ng	0.00
7) Phenol-d6	6.286	99	590248	95.705	ng	0.00
23) Nitrobenzene-d5	7.210	82	366249	63.339	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	133532	107.868	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	622974	70.218	ng	0.00
79) Terphenyl-d14	12.739	244	656177	49.847	ng	0.00
Target Compounds						
75) Fluoranthene	12.363	202	32494	2.919	ng	Qvalue 95

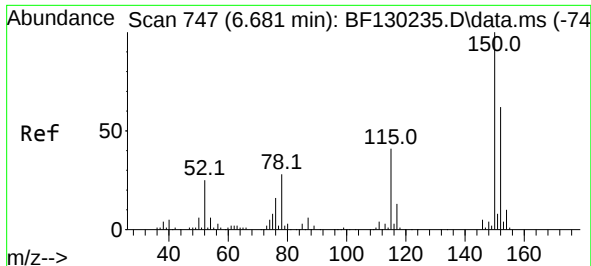
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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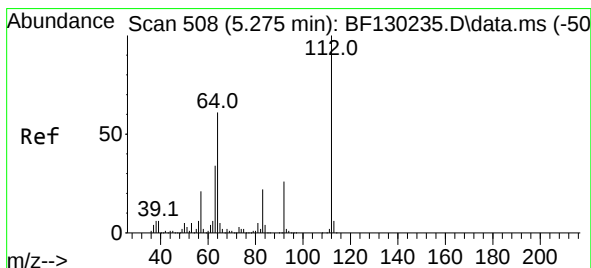
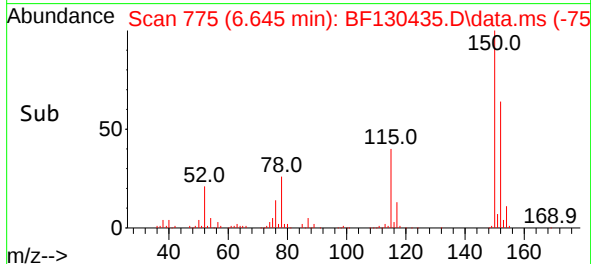
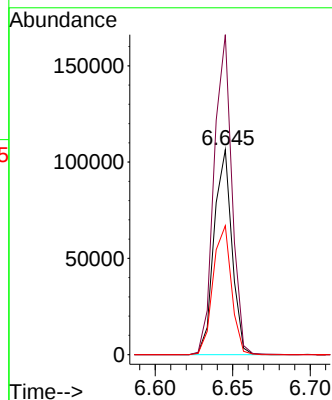
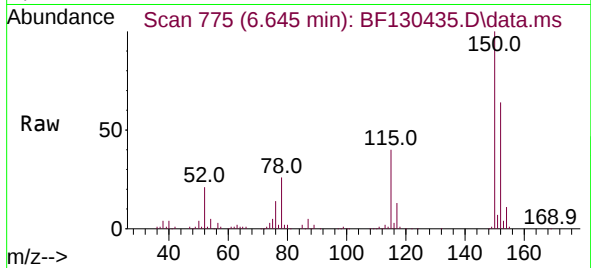




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130435.D
Acq: 27 Sep 2022 20:57

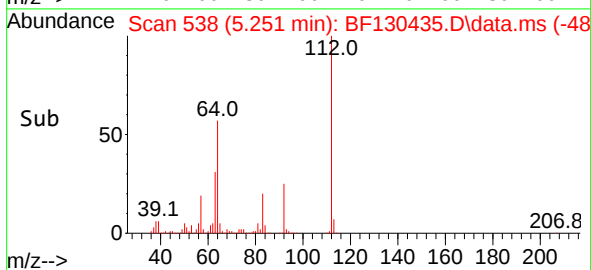
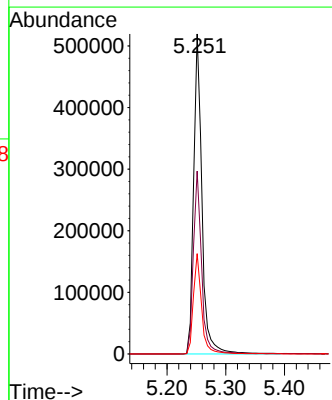
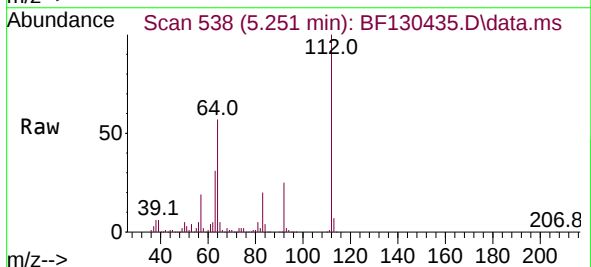
Instrument :
BNA_F
ClientSampleId :
355

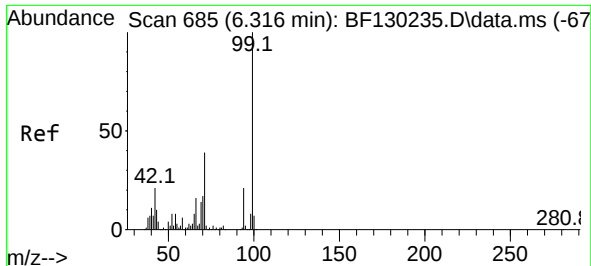
Tgt Ion:152 Resp: 85492
Ion Ratio Lower Upper
152 100
150 156.1 122.8 184.2
115 62.9 53.8 80.8



#5
2-Fluorophenol
Concen: 103.785 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130435.D
Acq: 27 Sep 2022 20:57

Tgt Ion:112 Resp: 511557
Ion Ratio Lower Upper
112 100
64 57.1 51.4 77.0
63 31.3 28.8 43.2





#7
Phenol-d6
Concen: 95.705 ng
RT: 6.286 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130435.D
Acq: 27 Sep 2022 20:57

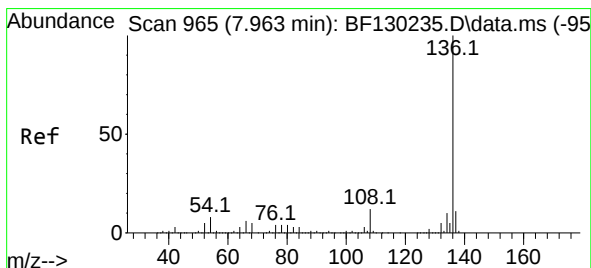
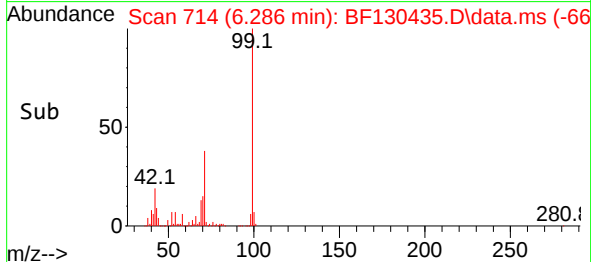
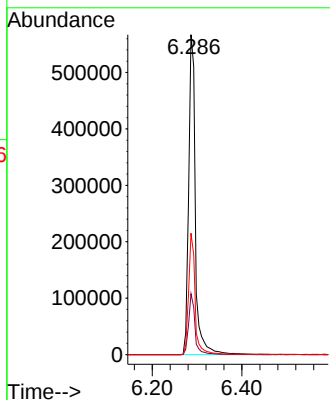
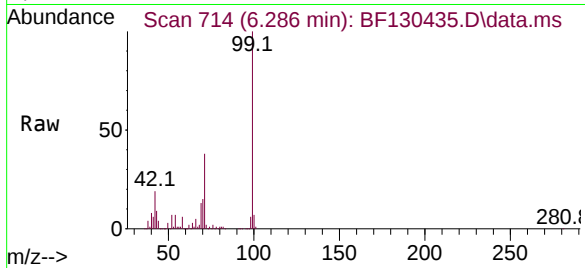
Instrument :

BNA_F

ClientSampleId :

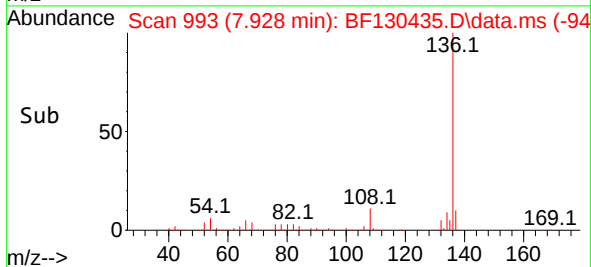
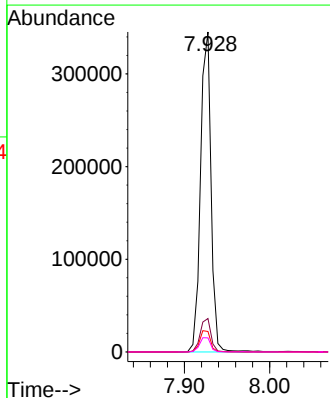
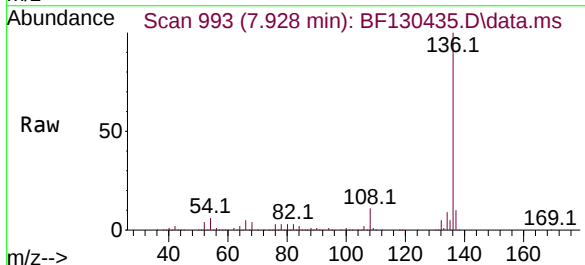
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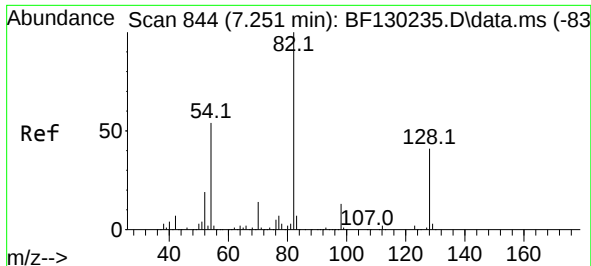
Tgt Ion: 99 Resp: 590248
Ion Ratio Lower Upper
99 100
42 19.0 17.0 25.6
71 37.9 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130435.D
Acq: 27 Sep 2022 20:57

Tgt Ion: 136 Resp: 295414
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 6.4 7.1 10.7#
68 4.4 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 63.339 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130435.D

Acq: 27 Sep 2022 20:57

Instrument :

BNA_F

ClientSampleId :

355

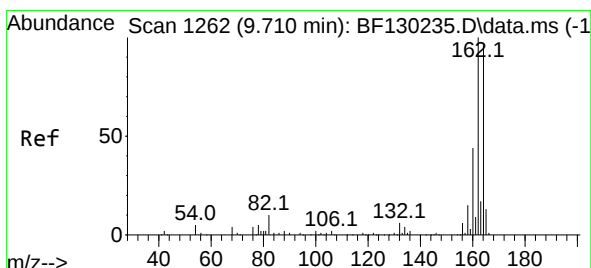
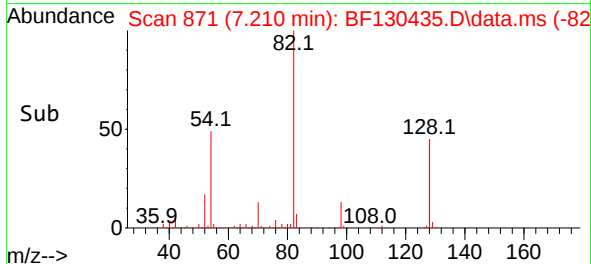
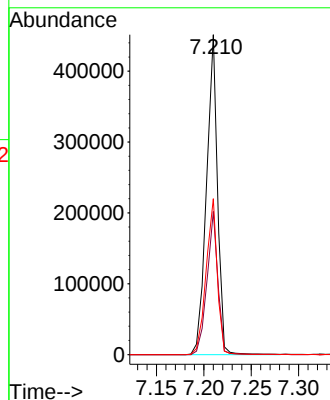
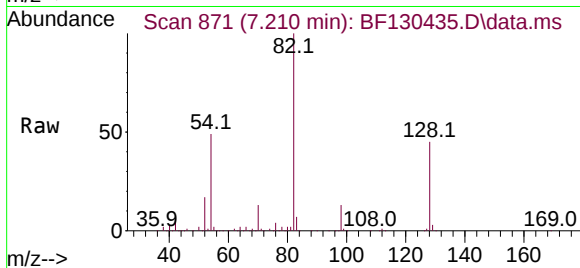
Tgt Ion: 82 Resp: 366249

Ion Ratio Lower Upper

82 100

128 44.7 32.6 49.0

54 48.7 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.674 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF130435.D

Acq: 27 Sep 2022 20:57

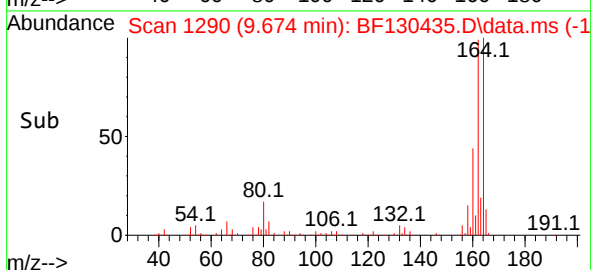
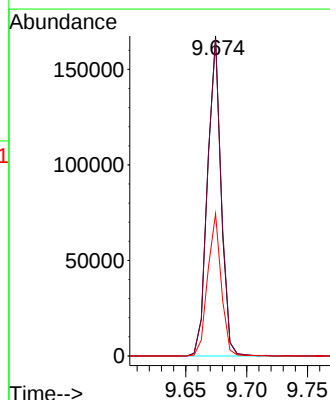
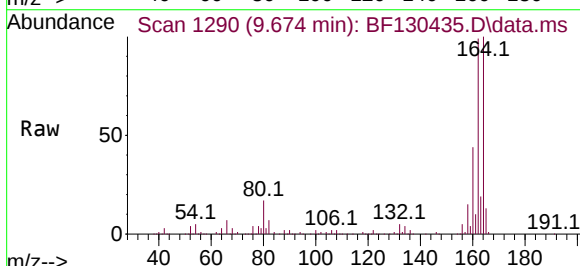
Tgt Ion: 164 Resp: 129193

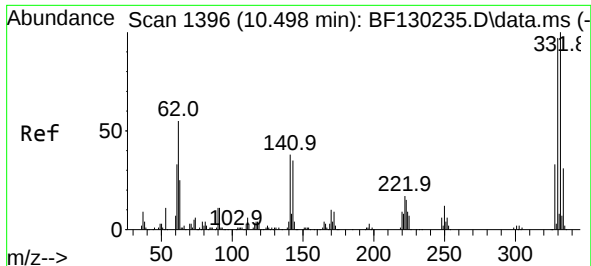
Ion Ratio Lower Upper

164 100

162 98.9 81.4 122.0

160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 107.868 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130435.D

Acq: 27 Sep 2022 20:57

Instrument :

BNA_F

ClientSampleId :

355

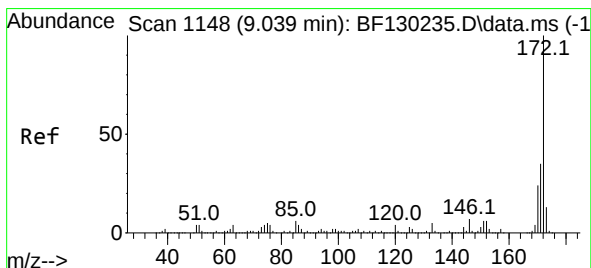
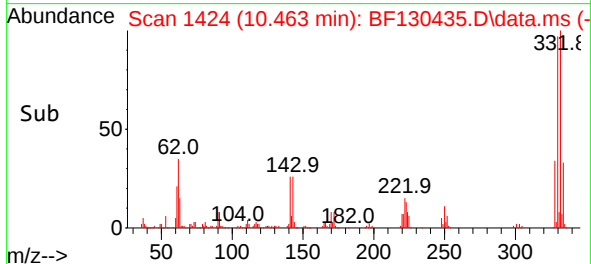
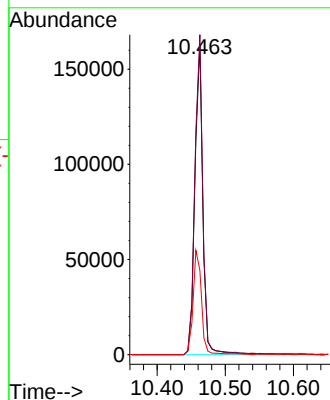
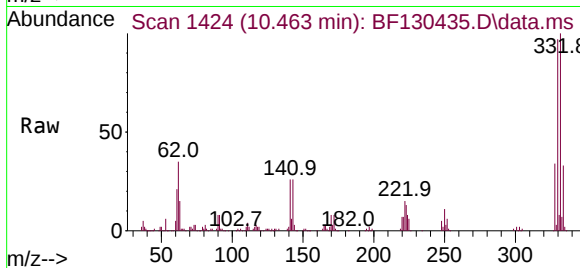
Tgt Ion:330 Resp: 133532

Ion Ratio Lower Upper

330 100

332 102.5 83.4 125.2

141 35.3 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 70.218 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130435.D

Acq: 27 Sep 2022 20:57

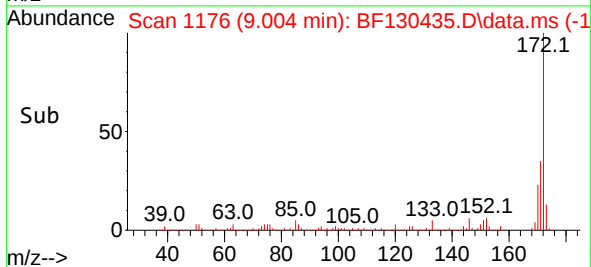
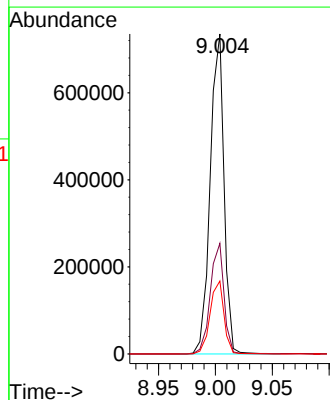
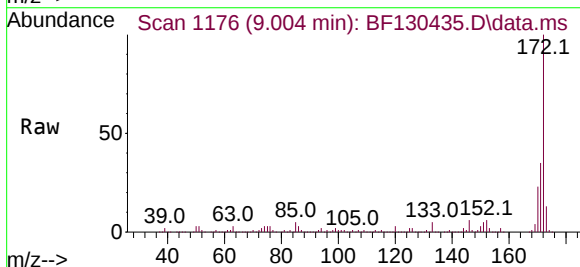
Tgt Ion:172 Resp: 622974

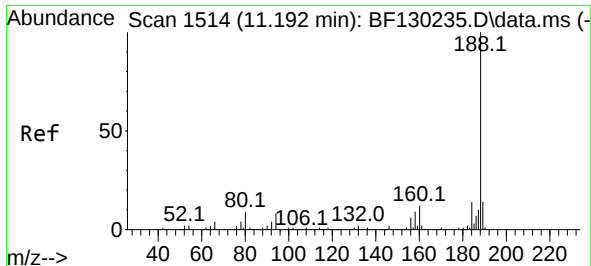
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 22.8 18.7 28.1

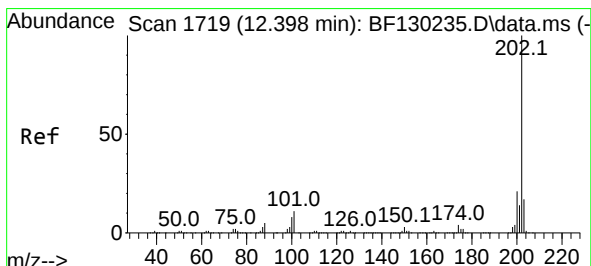
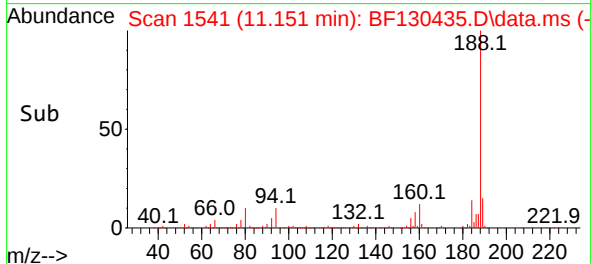
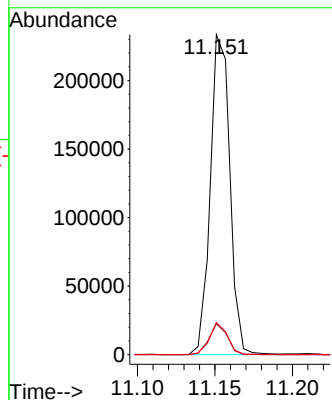
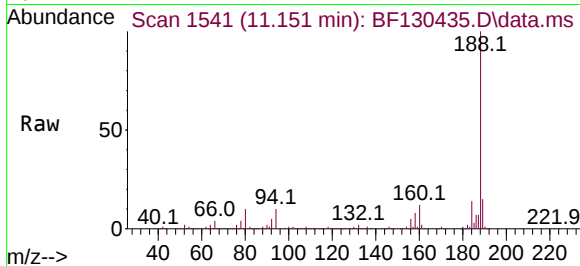




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130435.D
Acq: 27 Sep 2022 20:57

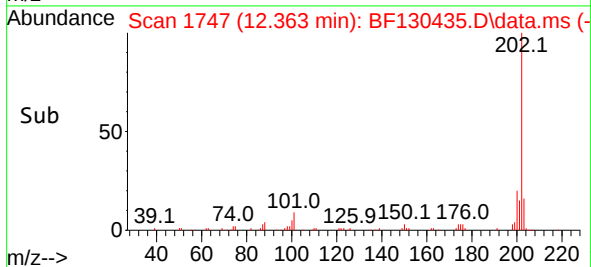
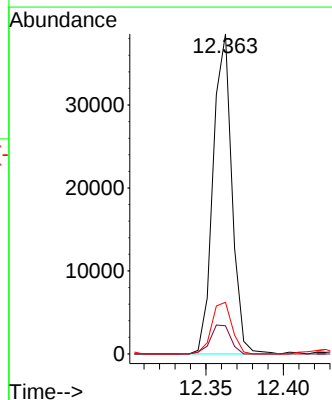
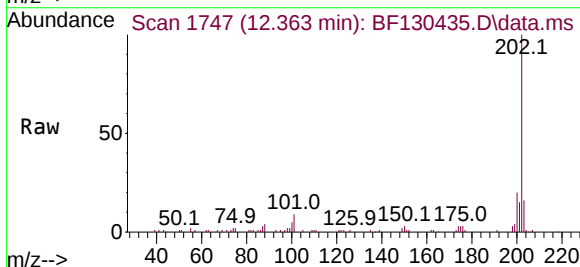
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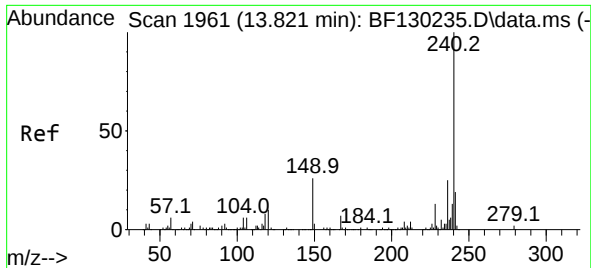
Tgt Ion:188 Resp: 205164
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.1 7.9 11.9



#75
Fluoranthene
Concen: 2.919 ng
RT: 12.363 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BF130435.D
Acq: 27 Sep 2022 20:57

Tgt Ion:202 Resp: 32494
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.8
203 16.1 0.0 37.8

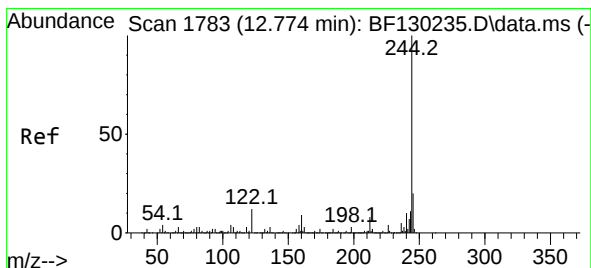
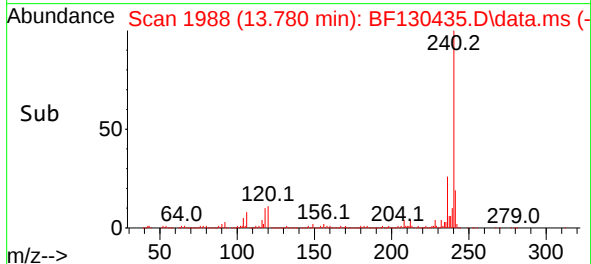
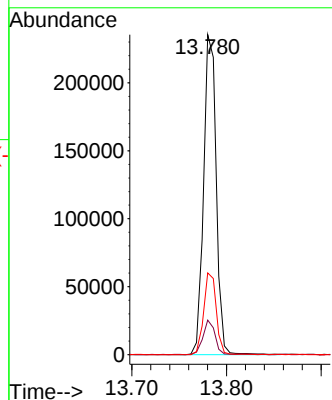
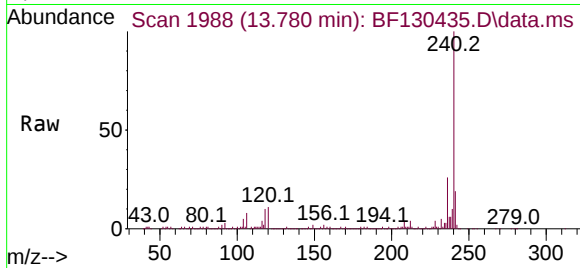




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130435.D
Acq: 27 Sep 2022 20:57

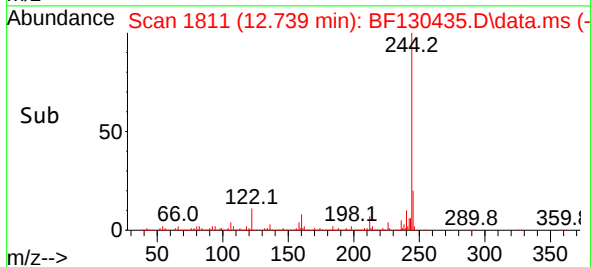
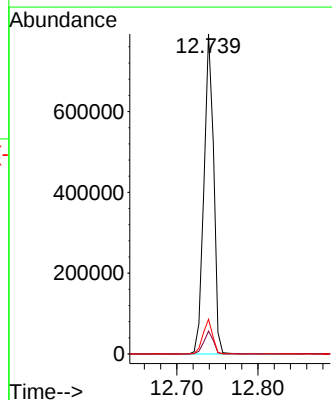
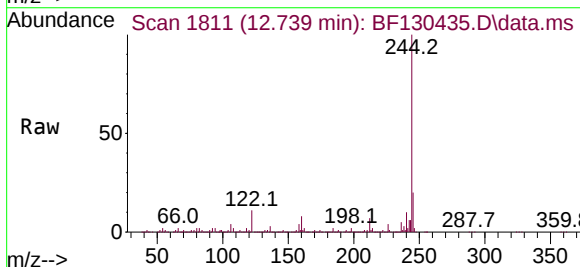
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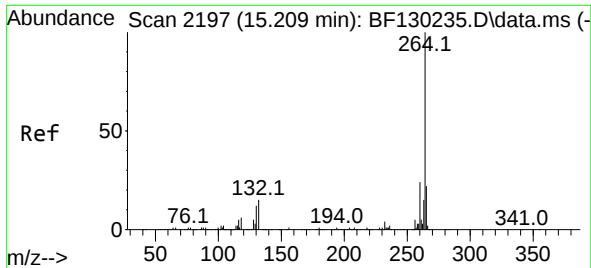
Tgt Ion:240 Resp: 218056
Ion Ratio Lower Upper
240 100
120 10.8 8.7 13.1
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 49.847 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF130435.D
Acq: 27 Sep 2022 20:57

Tgt Ion:244 Resp: 656177
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.8 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.174 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF130435.D
 Acq: 27 Sep 2022 20:57

Instrument :
 BNA_F
 ClientSampleId :
 355

Tgt Ion:264 Resp: 222358
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 21.1 17.0 25.4

