

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130895.D
 Acq On : 01 Nov 2022 12:02
 Operator : CG\JU
 Sample : PB148672TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148672TB

Quant Time: Nov 02 08:19:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	91999	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	361083	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	202787	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	391512	20.000	ng	0.00
76) Chrysene-d12	14.121	240	281899	20.000	ng	0.00
86) Perylene-d12	15.639	264	198976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	656473	123.705	ng	0.01
7) Phenol-d6	6.557	99	833858	120.916	ng	0.00
23) Nitrobenzene-d5	7.498	82	579459	96.766	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	269989	158.160	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1106847	82.521	ng	0.00
79) Terphenyl-d14	13.068	244	1317162	85.621	ng	0.00

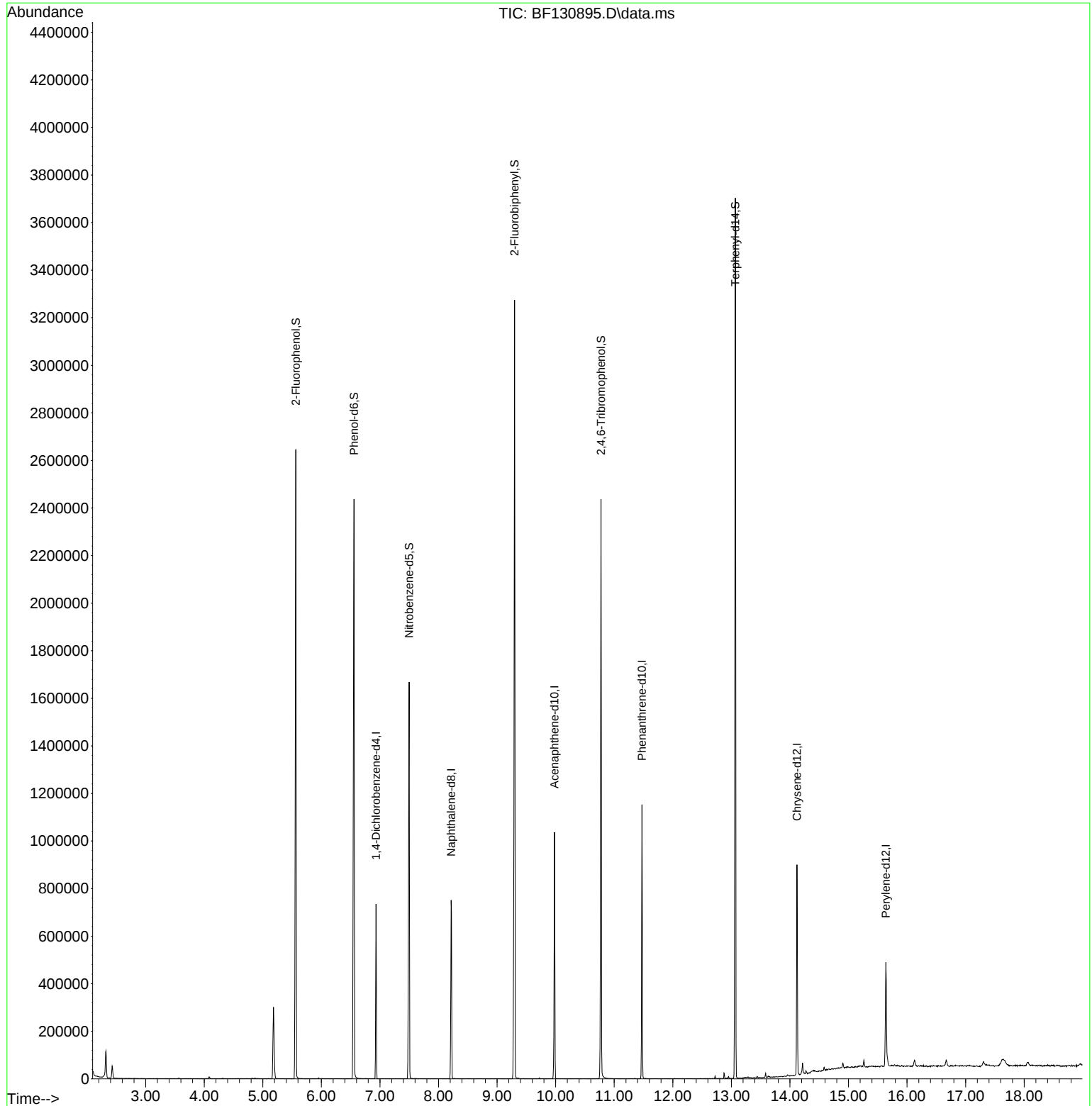
Target Compounds	Qvalue

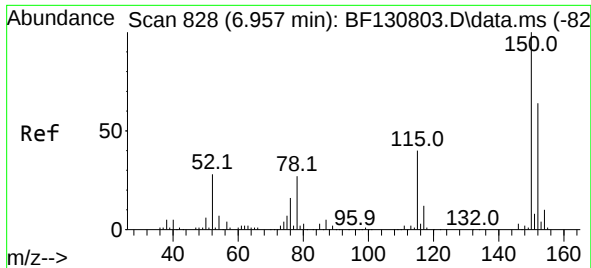
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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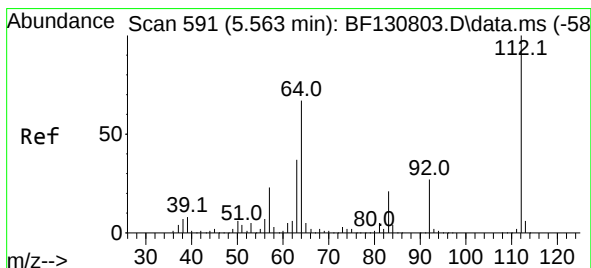
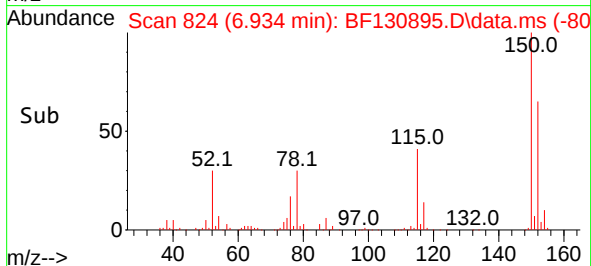
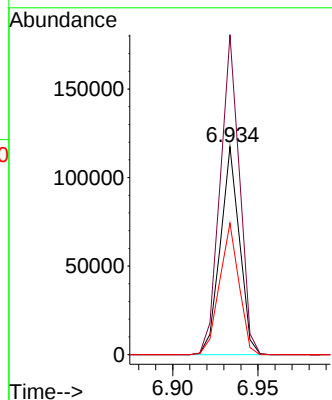
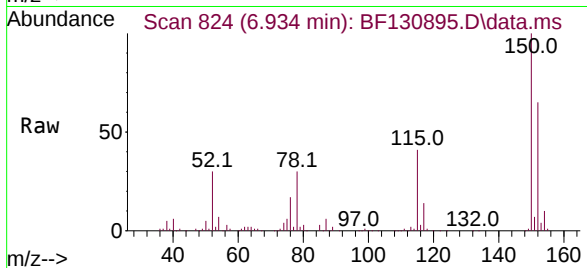




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

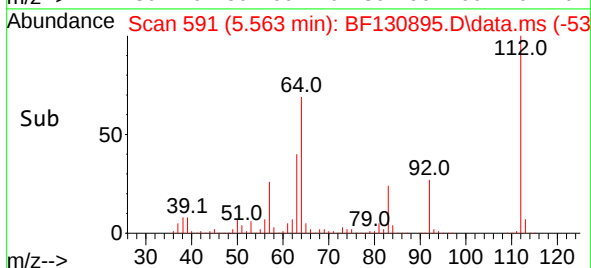
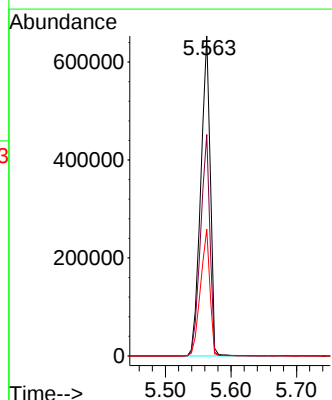
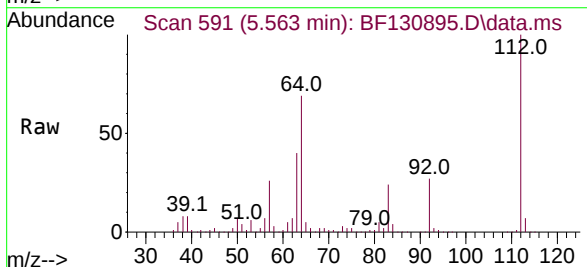
Instrument :
BNA_F
ClientSampleId :
PB148672TB

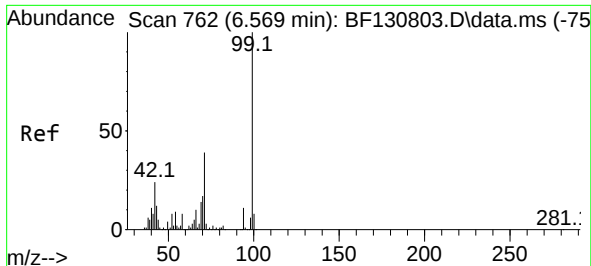
Tgt Ion:152 Resp: 91999
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 63.2 50.1 75.1



#5
2-Fluorophenol
Concen: 123.705 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.012 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

Tgt Ion:112 Resp: 656473
Ion Ratio Lower Upper
112 100
64 69.2 53.9 80.9
63 39.6 29.4 44.2

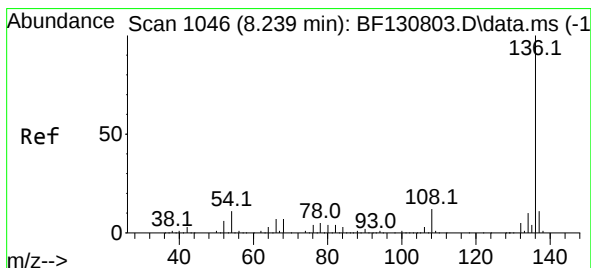
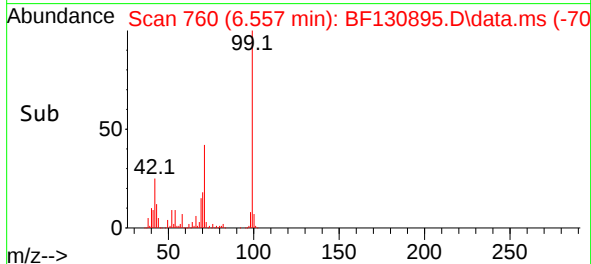
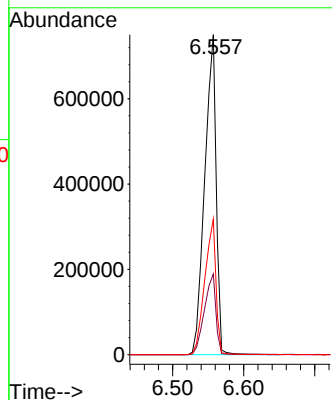
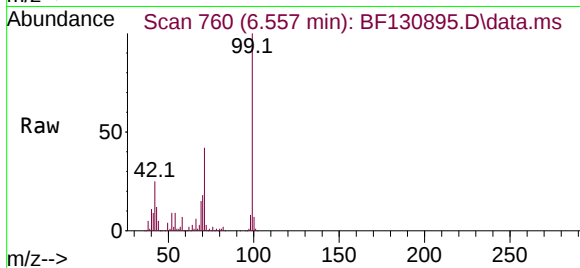




#7
Phenol-d6
Concen: 120.916 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

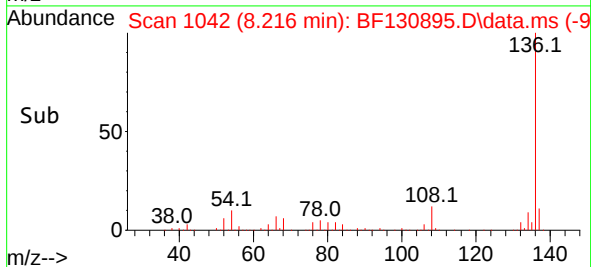
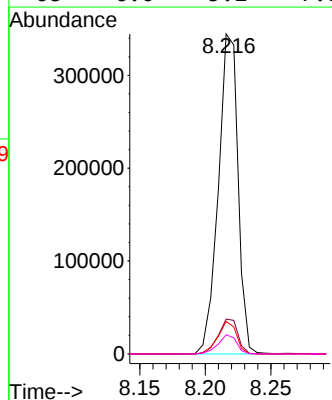
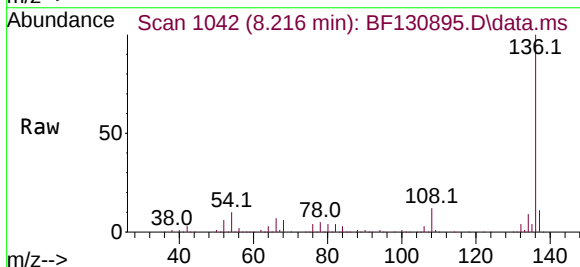
Instrument :
BNA_F
ClientSampleId :
PB148672TB

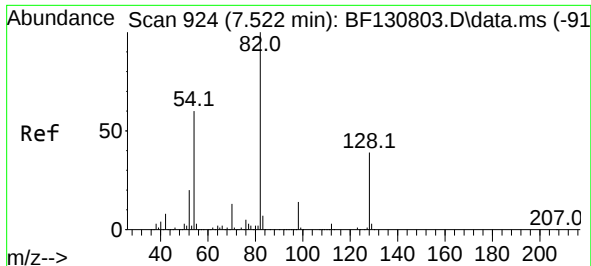
Tgt Ion: 99 Resp: 833858
Ion Ratio Lower Upper
99 100
42 25.2 18.8 28.2
71 42.3 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

Tgt Ion: 136 Resp: 361083
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 10.2 8.8 13.2
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 96.766 ng

RT: 7.498 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130895.D

Acq: 01 Nov 2022 12:02

Instrument :

BNA_F

ClientSampleId :

PB148672TB

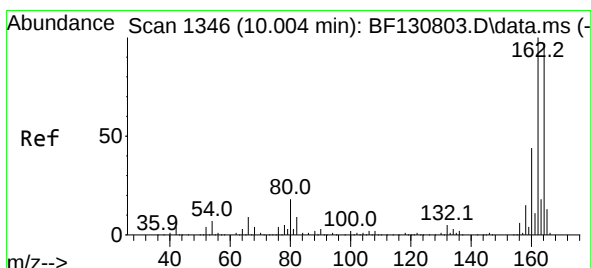
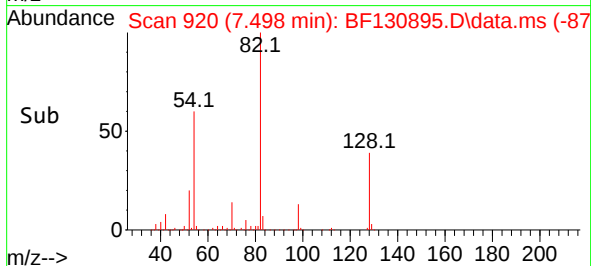
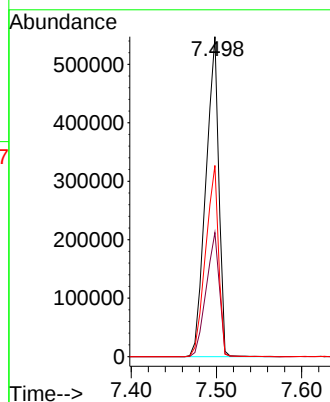
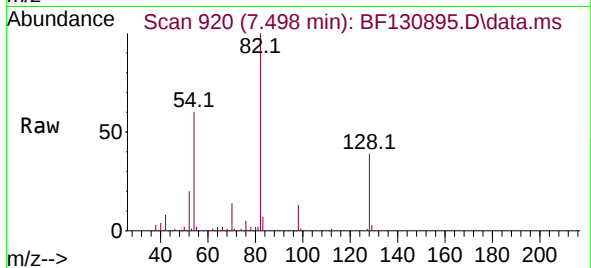
Tgt Ion: 82 Resp: 579459

Ion Ratio Lower Upper

82 100

128 38.8 31.2 46.8

54 59.7 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1342

Delta R.T. -0.006 min

Lab File: BF130895.D

Acq: 01 Nov 2022 12:02

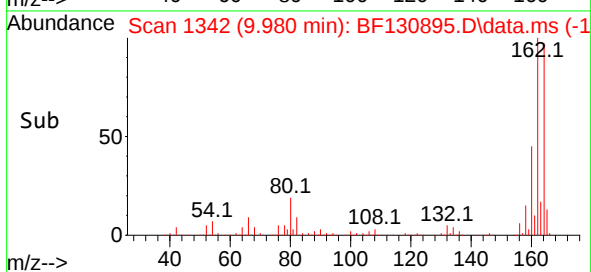
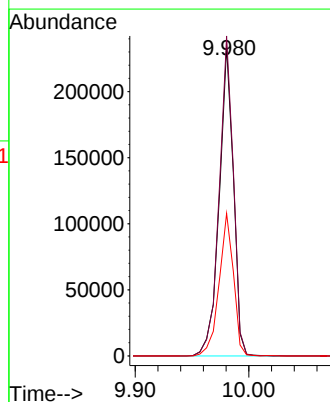
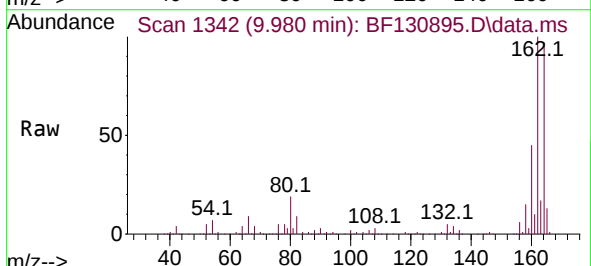
Tgt Ion:164 Resp: 202787

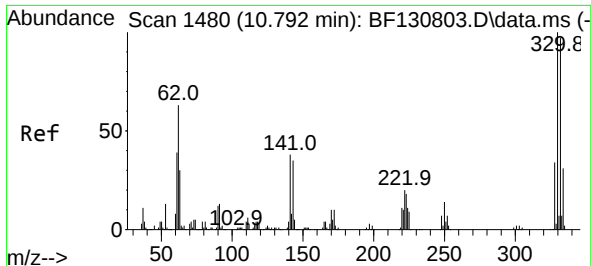
Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.2

160 46.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 158.160 ng

RT: 10.774 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130895.D

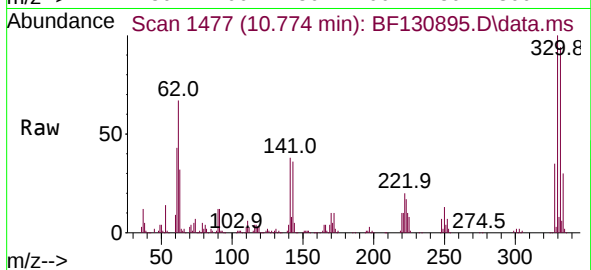
Acq: 01 Nov 2022 12:02

Instrument :

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PB148672TB



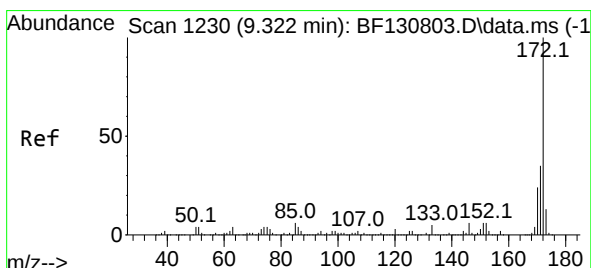
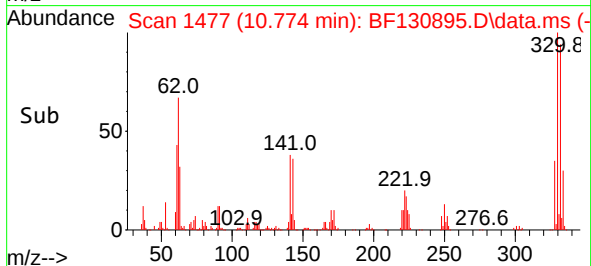
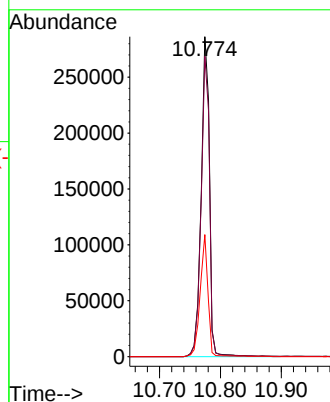
Tgt Ion:330 Resp: 269989

Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.4

141 36.2 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 82.521 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF130895.D

Acq: 01 Nov 2022 12:02

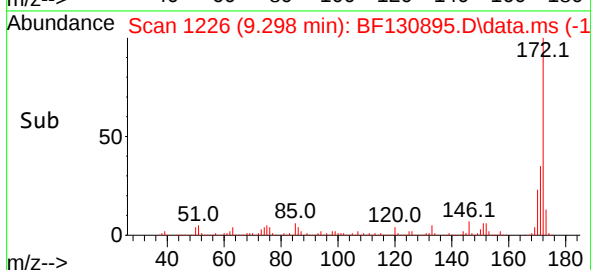
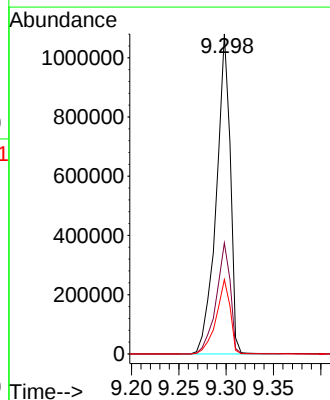
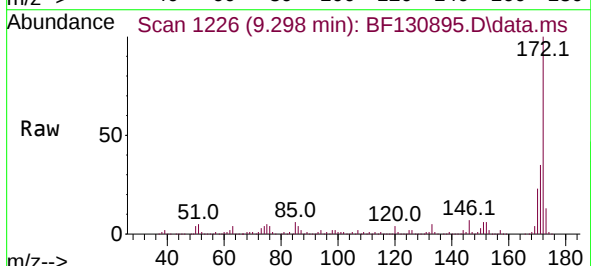
Tgt Ion:172 Resp: 1106847

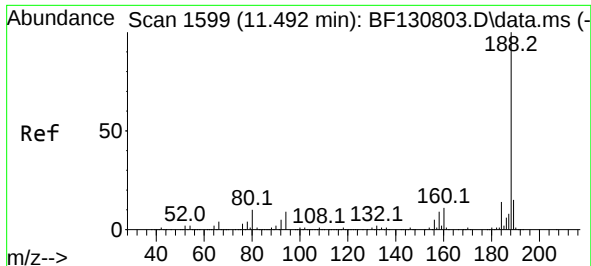
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.2 19.0 28.4

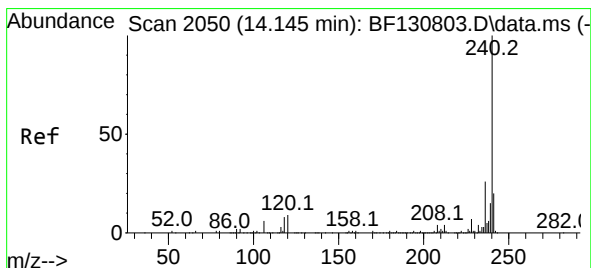
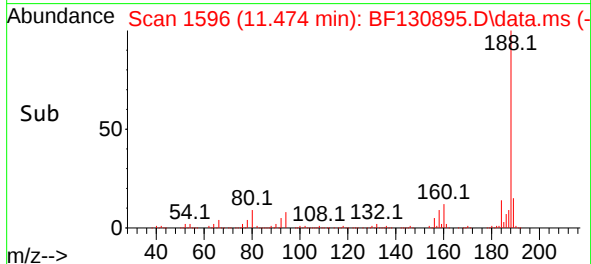
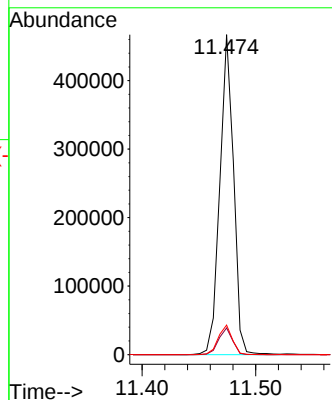
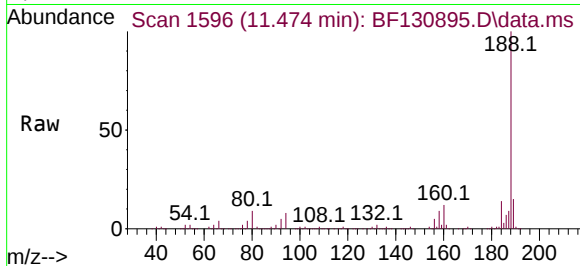




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

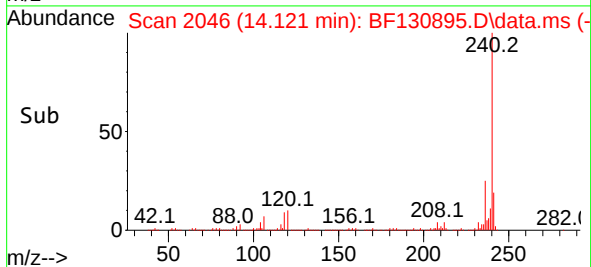
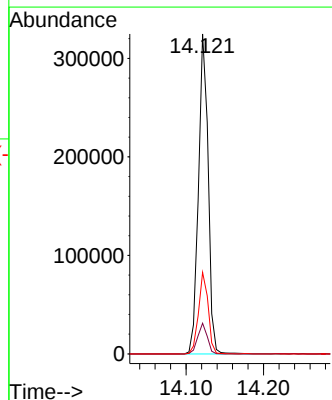
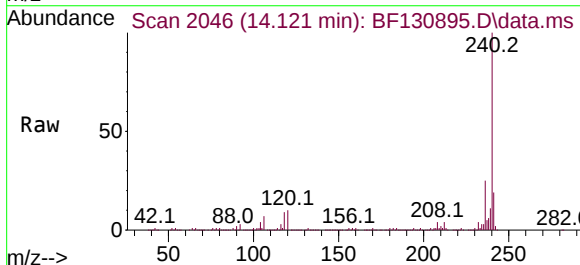
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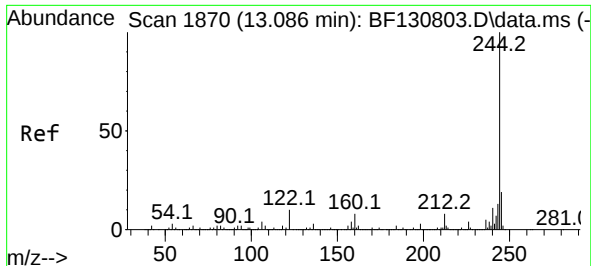
Tgt Ion:188 Resp: 391512
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.2 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF130895.D
Acq: 01 Nov 2022 12:02

Tgt Ion:240 Resp: 281899
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.4
236 25.5 20.5 30.7

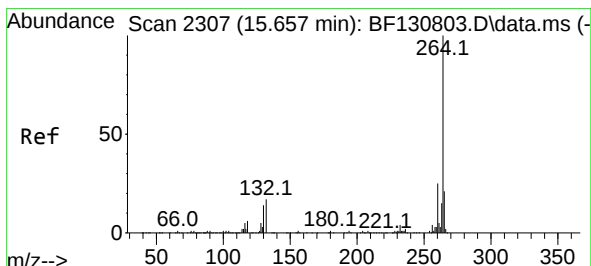
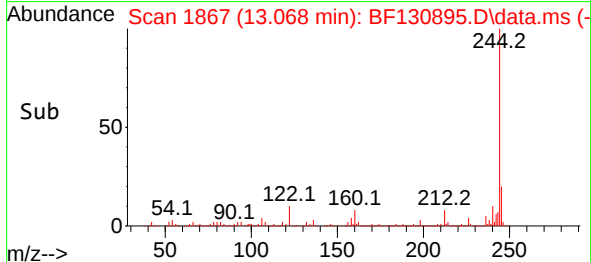
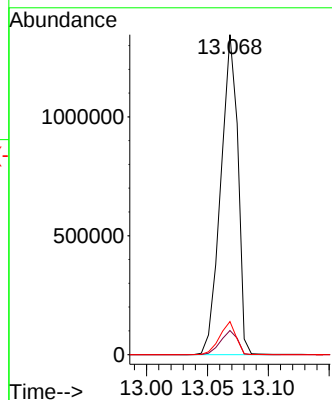
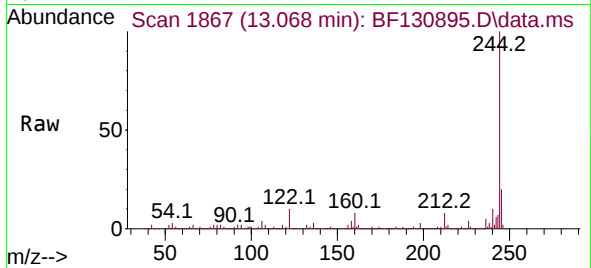




#79
 Terphenyl-d14
 Concen: 85.621 ng
 RT: 13.068 min Scan# 1870
 Delta R.T. -0.000 min
 Lab File: BF130895.D
 Acq: 01 Nov 2022 12:02

Instrument :
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 PB148672TB

Tgt Ion:244 Resp: 1317162
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF130895.D
 Acq: 01 Nov 2022 12:02

Tgt Ion:264 Resp: 198976
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.9 29.9
 265 21.5 17.0 25.6

