

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131095.D
 Acq On : 09 Nov 2022 19:32
 Operator : CG\JU
 Sample : N5437-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 596C-3

Quant Time: Nov 10 04:32:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	95263	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	357578	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	195620	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	348926	20.000	ng	0.00
76) Chrysene-d12	14.069	240	197238	20.000	ng	-0.01
86) Perylene-d12	15.563	264	169155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	328105	58.573	ng	0.00
7) Phenol-d6	6.510	99	256781	35.063	ng	-0.01
23) Nitrobenzene-d5	7.457	82	629282	79.402	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	267483	132.307	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1058324	75.524	ng	0.00
79) Terphenyl-d14	13.016	244	1066323	94.789	ng	0.00

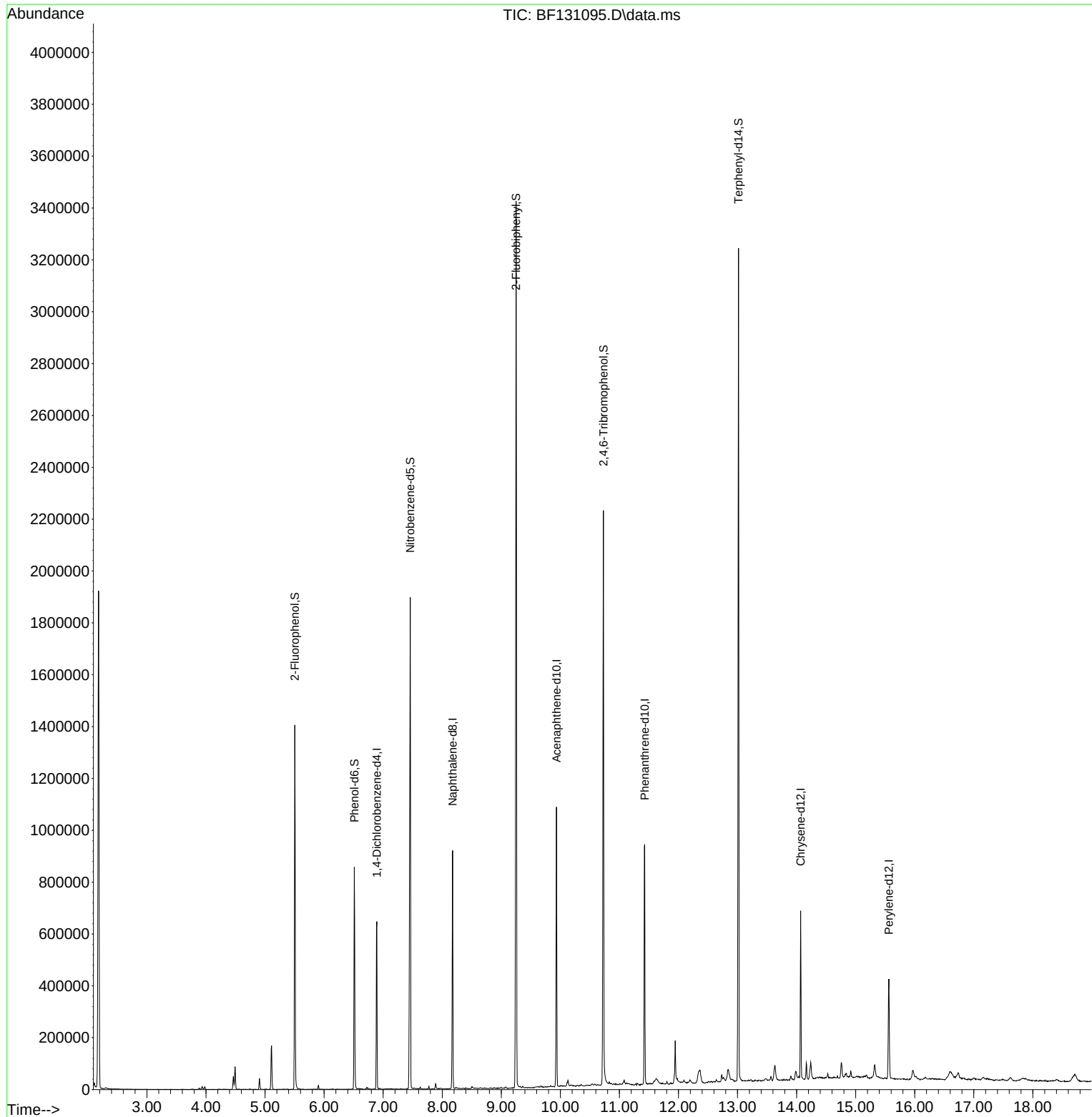
Target Compounds	Qvalue

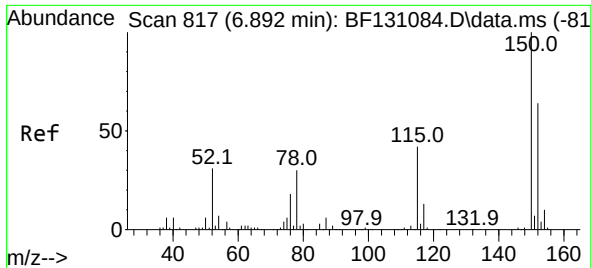
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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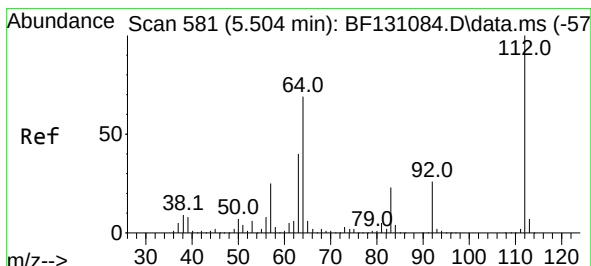
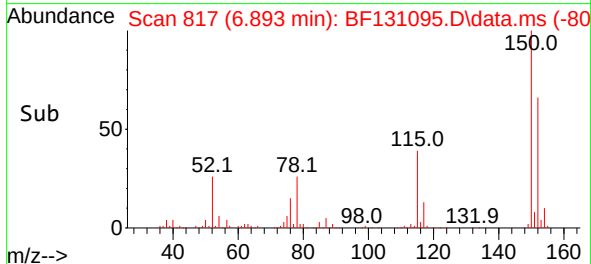
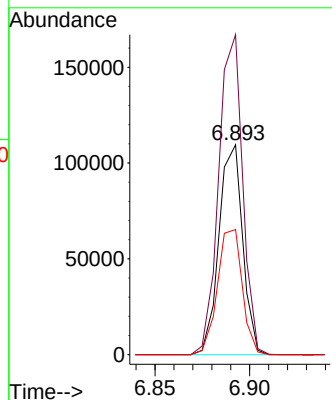
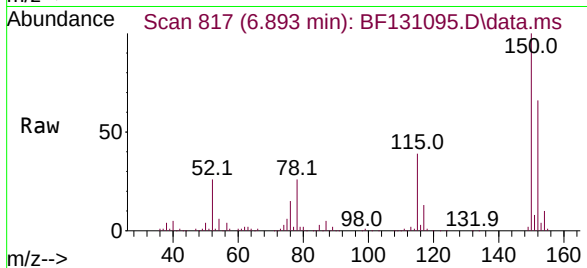




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BF131095.D
 Acq: 09 Nov 2022 19:32

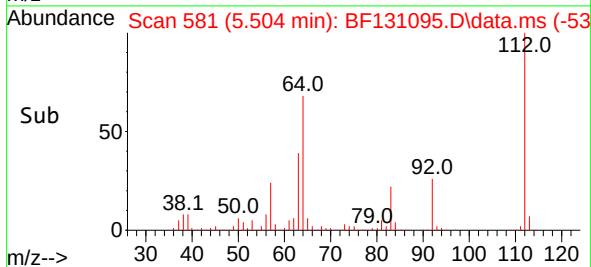
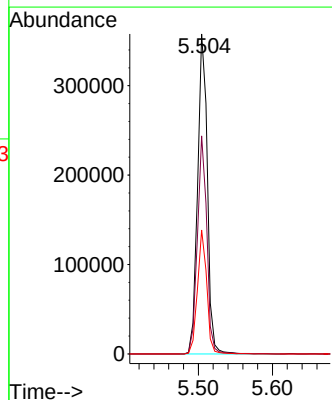
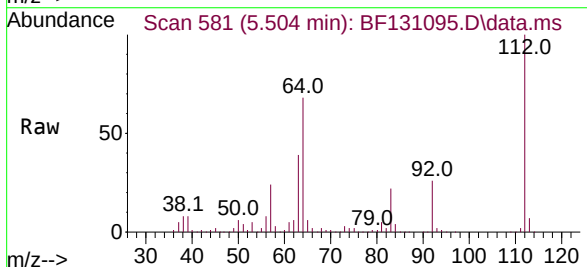
Instrument :
 BNA_F
 ClientSampleId :
 596C-3

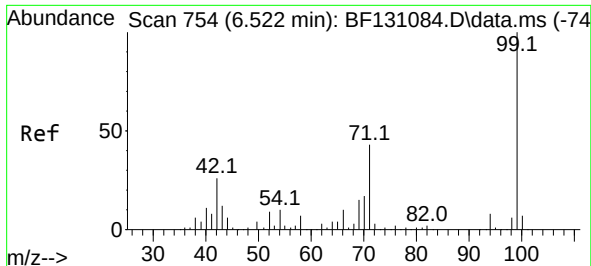
Tgt Ion:152 Resp: 95263
 Ion Ratio Lower Upper
 152 100
 150 152.5 125.5 188.3
 115 59.6 52.2 78.2



#5
 2-Fluorophenol
 Concen: 58.573 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: BF131095.D
 Acq: 09 Nov 2022 19:32

Tgt Ion:112 Resp: 328105
 Ion Ratio Lower Upper
 112 100
 64 68.1 55.1 82.7
 63 38.7 32.4 48.6





#7

Phenol-d6

Concen: 35.063 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF131095.D

Acq: 09 Nov 2022 19:32

Instrument :

BNA_F

ClientSampleId :

596C-3

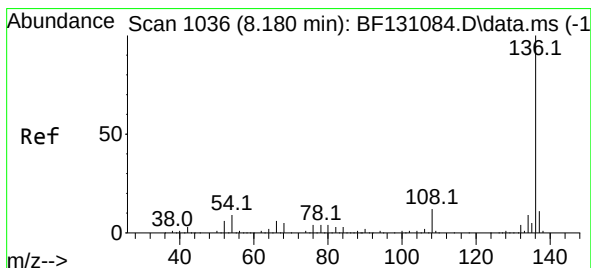
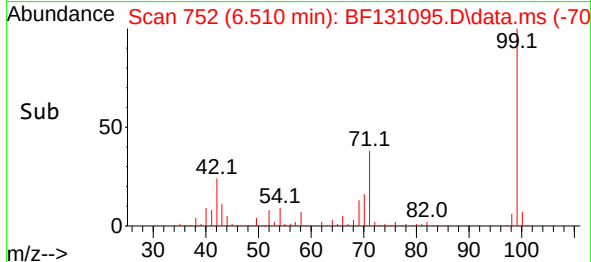
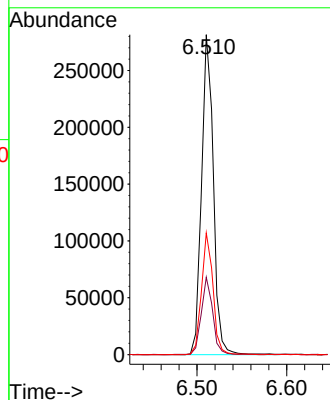
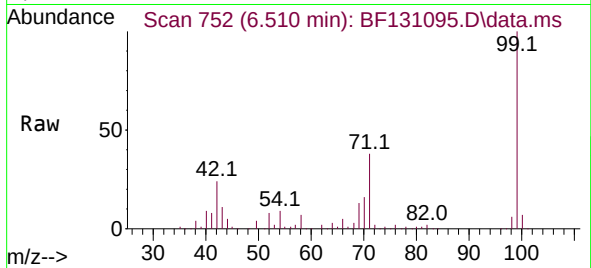
Tgt Ion: 99 Resp: 256781

Ion Ratio Lower Upper

99 100

42 24.2 20.8 31.2

71 38.0 34.2 51.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.005 min

Lab File: BF131095.D

Acq: 09 Nov 2022 19:32

Tgt Ion: 136 Resp: 357578

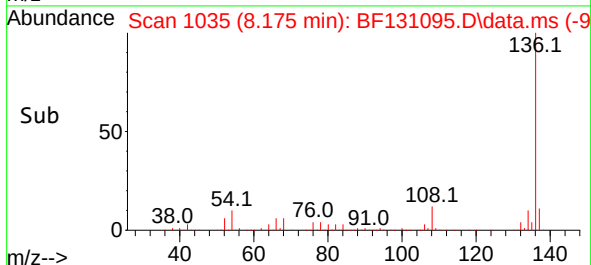
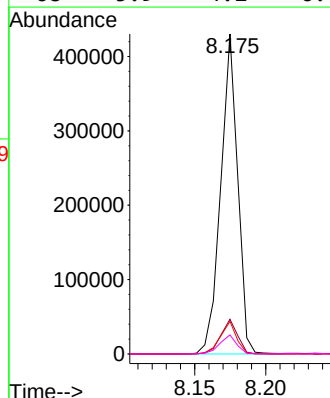
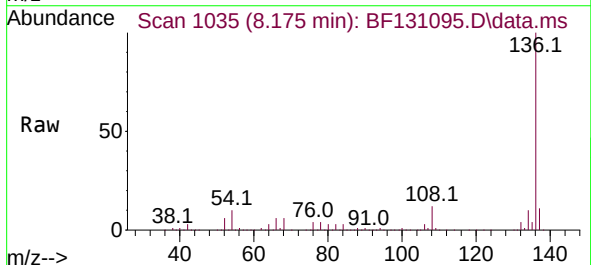
Ion Ratio Lower Upper

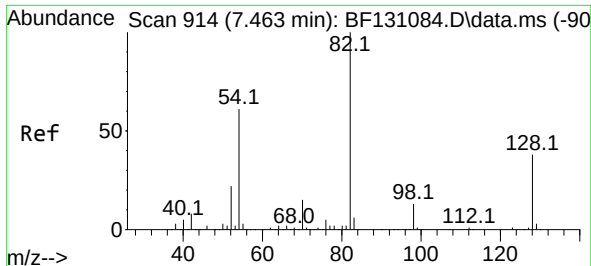
136 100

137 10.8 8.6 12.8

54 10.2 7.2 10.8

68 5.9 4.2 6.4





#23

Nitrobenzene-d5

Concen: 79.402 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131095.D

Acq: 09 Nov 2022 19:32

Instrument :

BNA_F

ClientSampleId :

596C-3

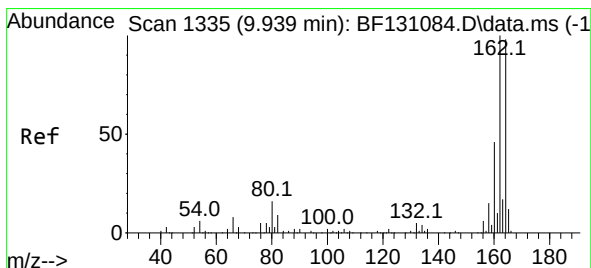
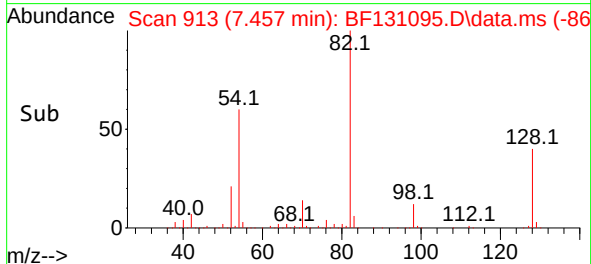
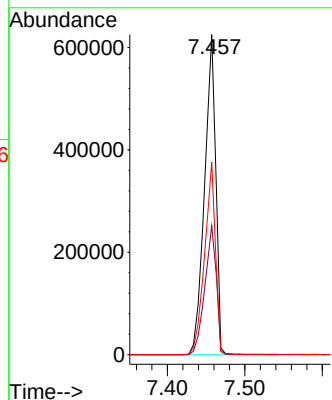
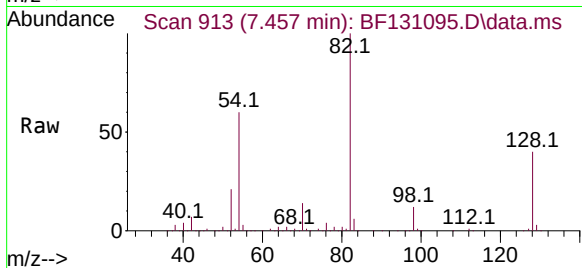
Tgt Ion: 82 Resp: 629282

Ion Ratio Lower Upper

82 100

128 40.3 30.5 45.7

54 60.2 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1334

Delta R.T. -0.005 min

Lab File: BF131095.D

Acq: 09 Nov 2022 19:32

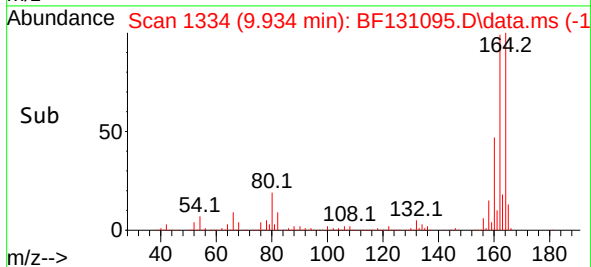
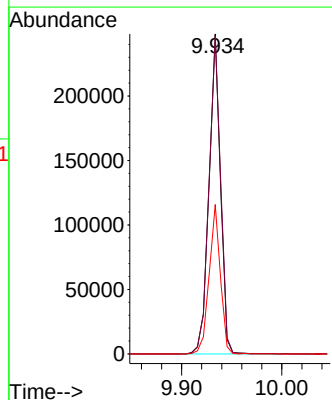
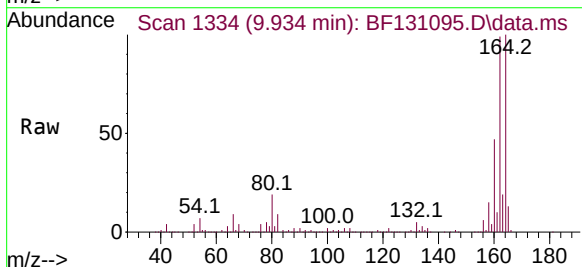
Tgt Ion:164 Resp: 195620

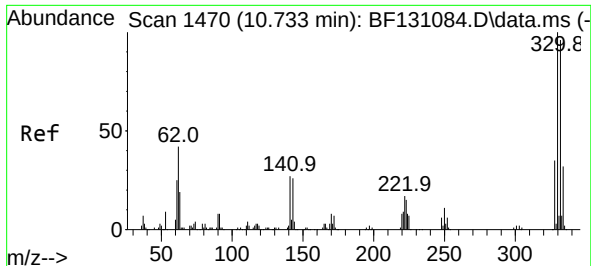
Ion Ratio Lower Upper

164 100

162 99.4 81.7 122.5

160 46.7 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 132.307 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131095.D

Acq: 09 Nov 2022 19:32

Instrument :

BNA_F

ClientSampleId :

596C-3

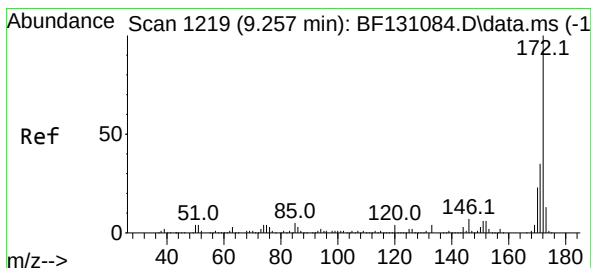
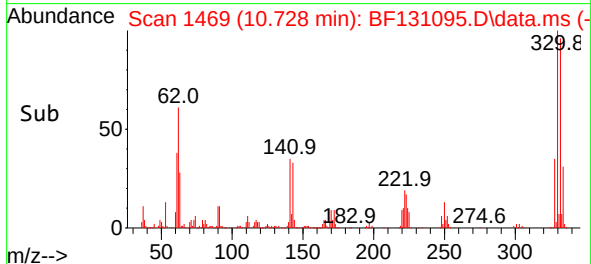
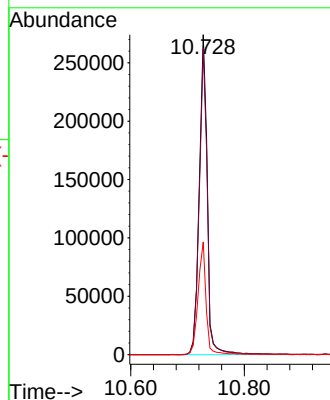
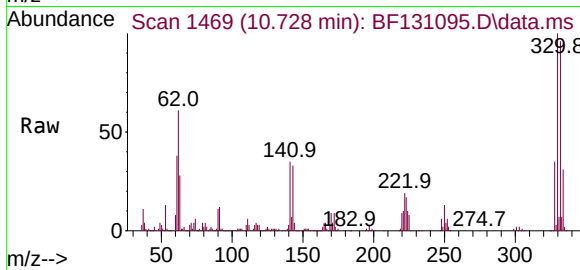
Tgt Ion:330 Resp: 267483

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.4

141 35.3 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 75.524 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131095.D

Acq: 09 Nov 2022 19:32

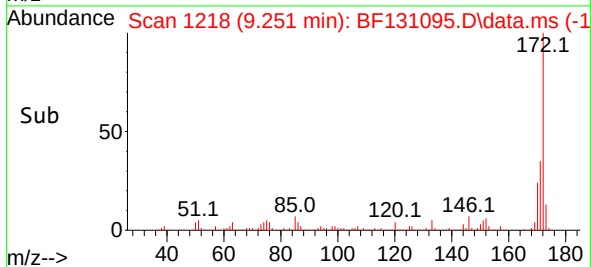
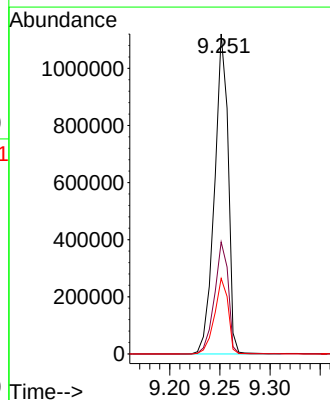
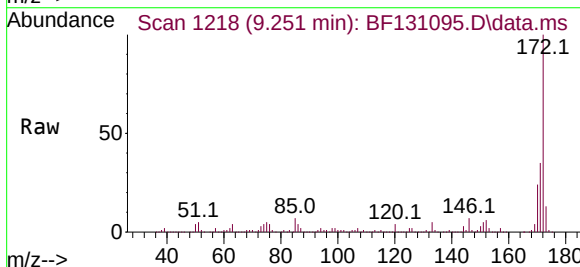
Tgt Ion:172 Resp: 1058324

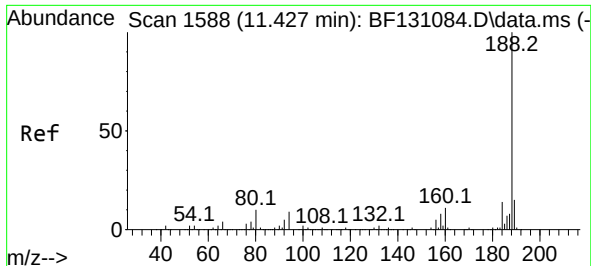
Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.6 18.8 28.2

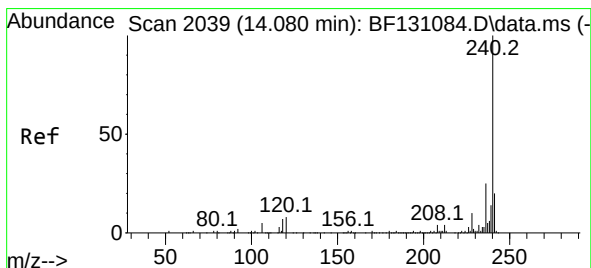
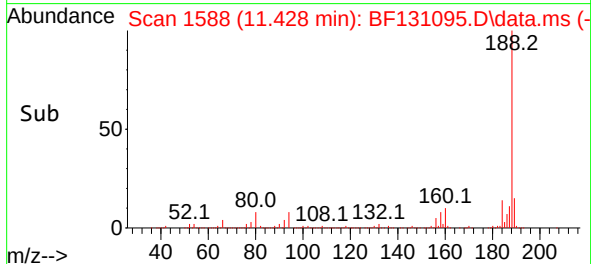
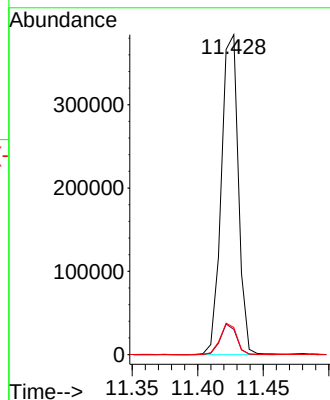
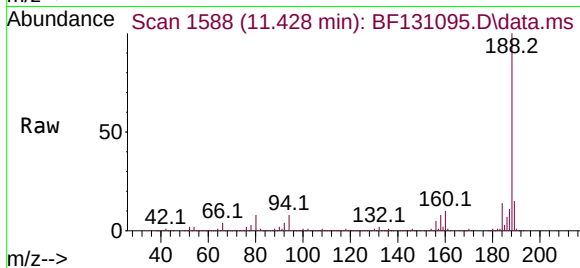




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

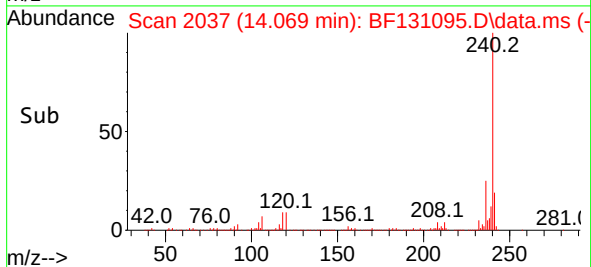
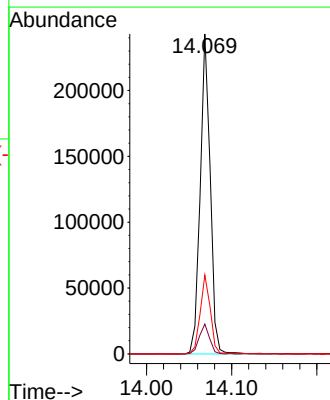
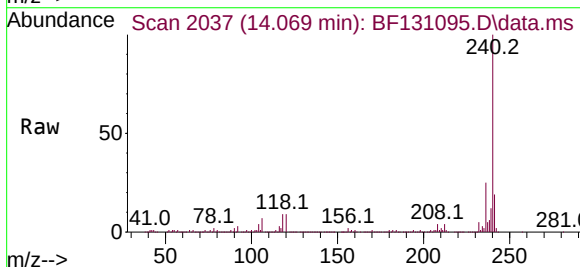
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596C-3

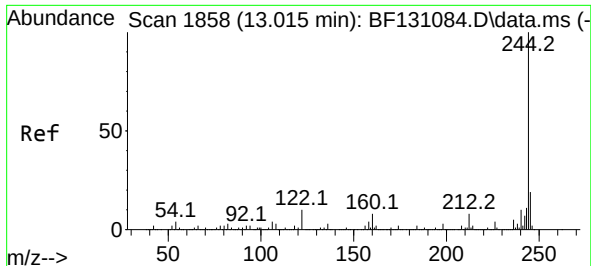
Tgt Ion:188 Resp: 348926
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

Tgt Ion:240 Resp: 197238
Ion Ratio Lower Upper
240 100
120 9.3 6.5 9.7
236 24.6 19.7 29.5

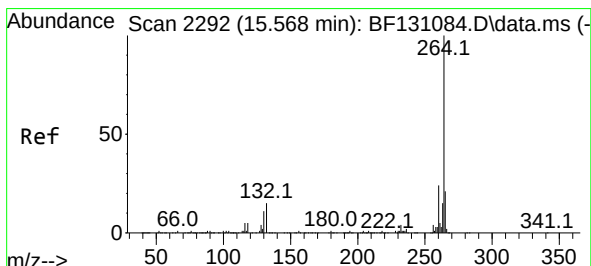
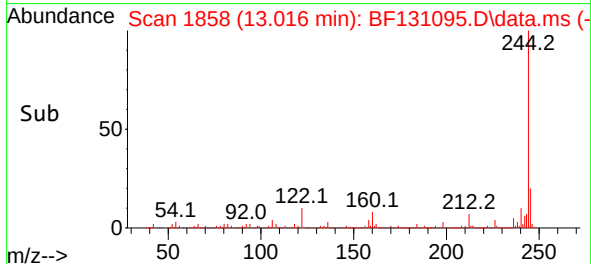
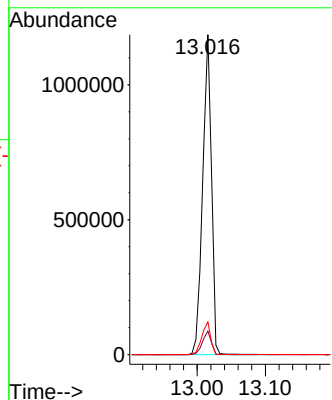
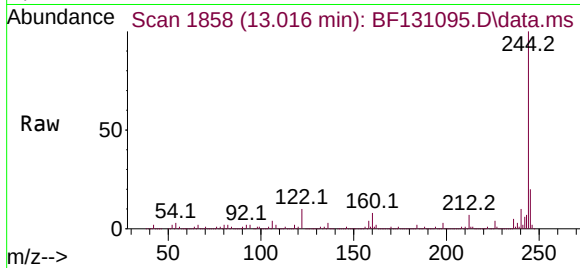




#79
 Terphenyl-d14
 Concen: 94.789 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131095.D
 Acq: 09 Nov 2022 19:32

Instrument :
 BNA_F
 ClientSampleId :
 596C-3

Tgt Ion:244 Resp: 1066323
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF131095.D
 Acq: 09 Nov 2022 19:32

Tgt Ion:264 Resp: 169155
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 22.0 16.7 25.1

