

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131096.D
 Acq On : 09 Nov 2022 20:03
 Operator : CG\JU
 Sample : N5437-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 596C-4

Quant Time: Nov 10 04:32:44 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	6.892	152	95588	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	360443	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	197800	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	401696	20.000	ng	0.00
76) Chrysene-d12	14.068	240	279951	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	186229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	366528	65.209	ng	0.00
7) Phenol-d6	6.510	99	423024	57.566	ng	-0.01
23) Nitrobenzene-d5	7.457	82	545958	68.341	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	185898	90.939	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1024411	72.298	ng	0.00
79) Terphenyl-d14	13.016	244	1003024	62.819	ng	0.00

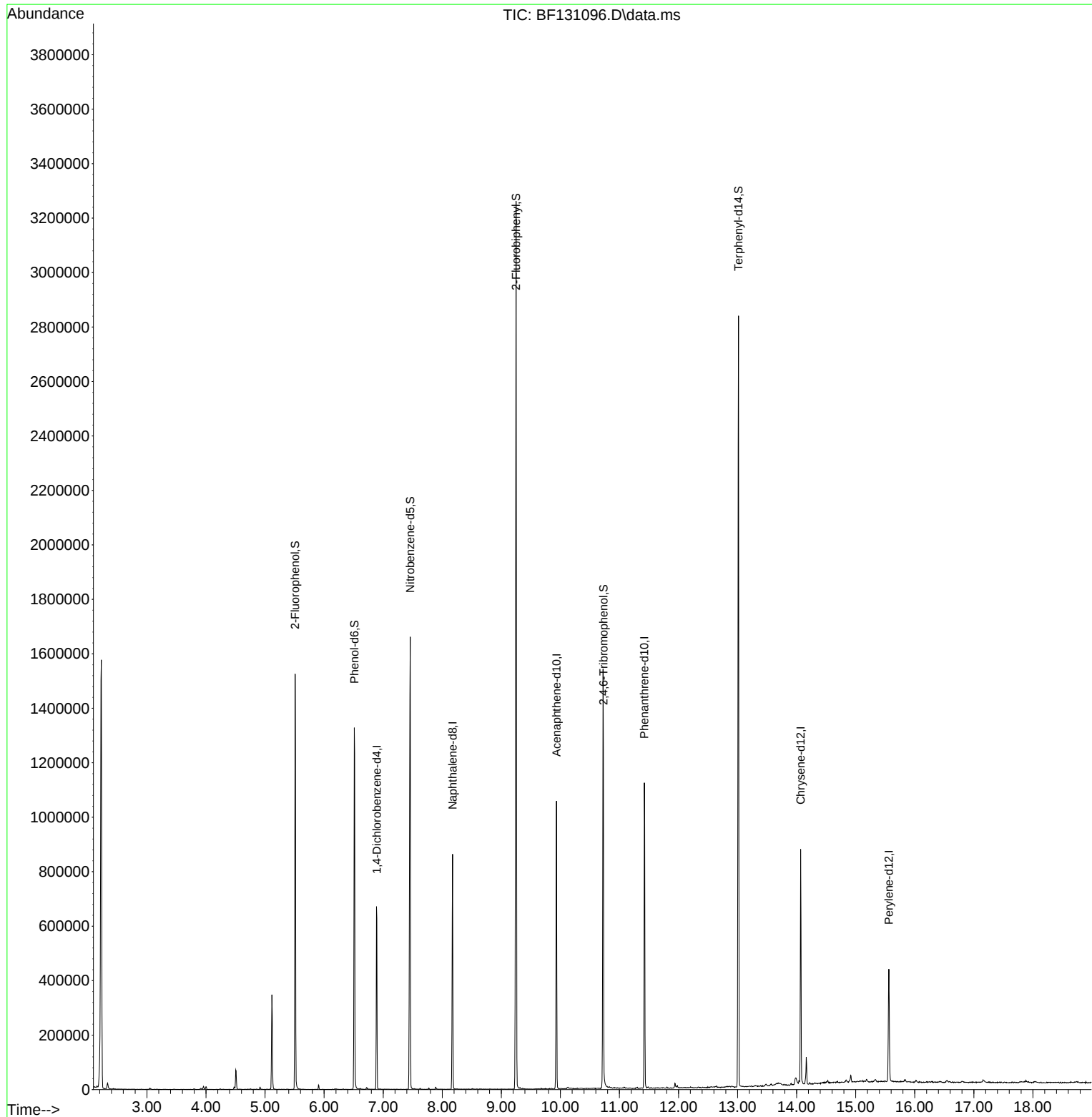
Target Compounds	Qvalue

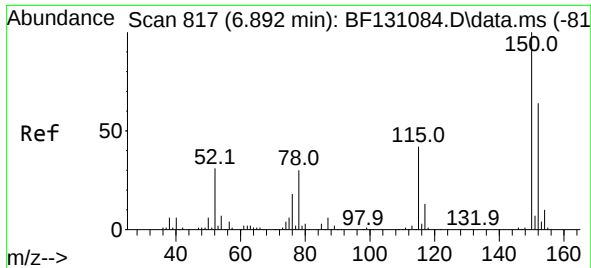
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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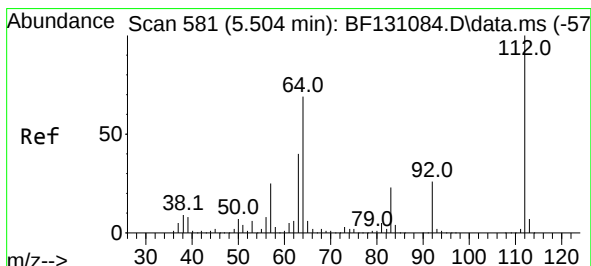
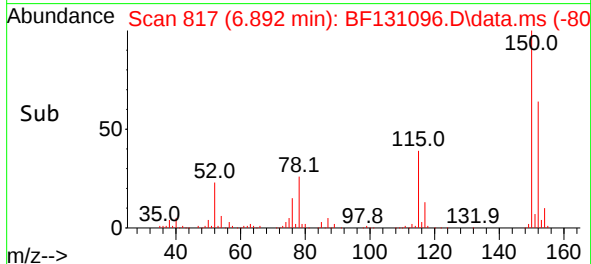
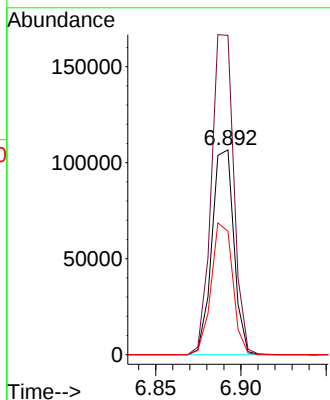
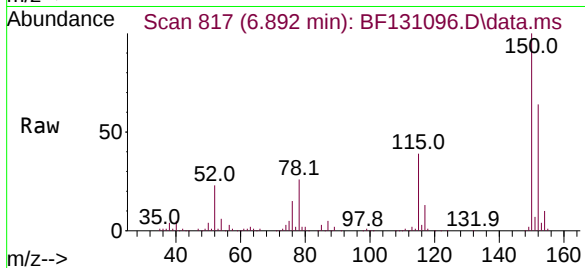




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

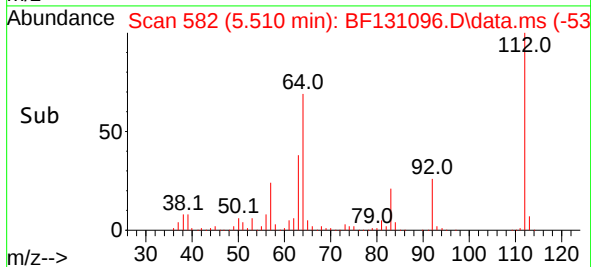
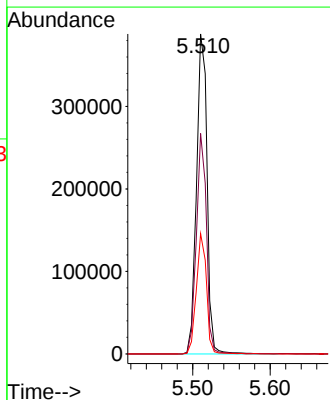
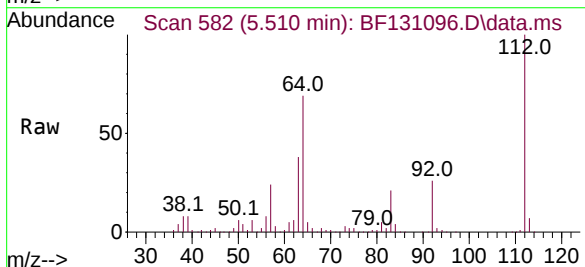
Instrument :
BNA_F
ClientSampleId :
596C-4

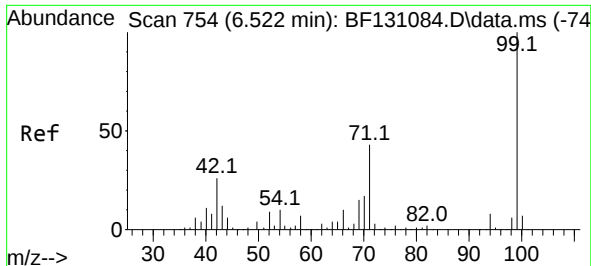
Tgt Ion:152 Resp: 95588
Ion Ratio Lower Upper
152 100
150 156.0 125.5 188.3
115 60.2 52.2 78.2



#5
2-Fluorophenol
Concen: 65.209 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

Tgt Ion:112 Resp: 366528
Ion Ratio Lower Upper
112 100
64 68.9 55.1 82.7
63 37.6 32.4 48.6

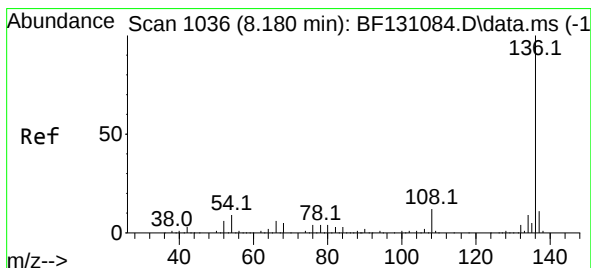
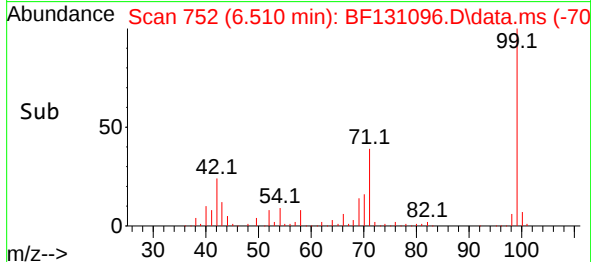
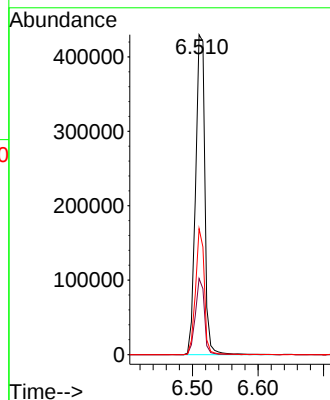
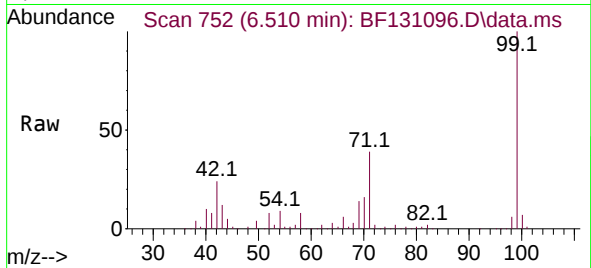




#7
Phenol-d6
Concen: 57.566 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

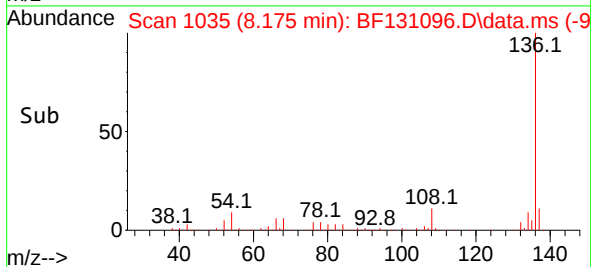
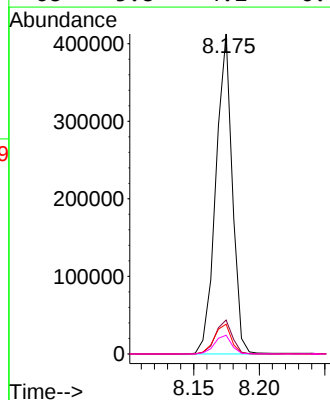
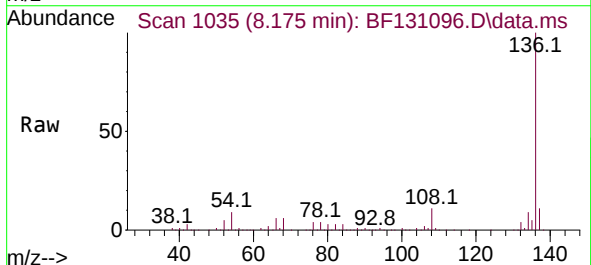
Instrument :
BNA_F
ClientSampleId :
596C-4

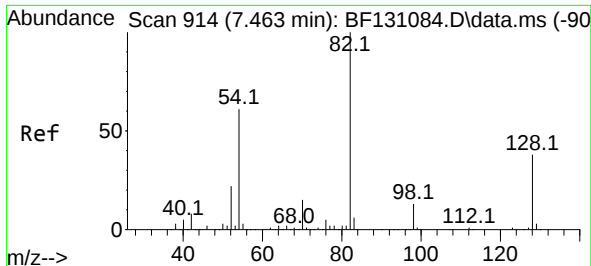
Tgt Ion: 99 Resp: 423024
Ion Ratio Lower Upper
99 100
42 23.8 20.8 31.2
71 39.4 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

Tgt Ion: 136 Resp: 360443
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.3 7.2 10.8
68 5.8 4.2 6.4





#23

Nitrobenzene-d5

Concen: 68.341 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131096.D

Acq: 09 Nov 2022 20:03

Instrument :

BNA_F

ClientSampleId :

596C-4

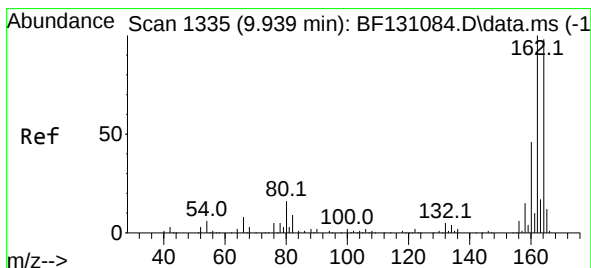
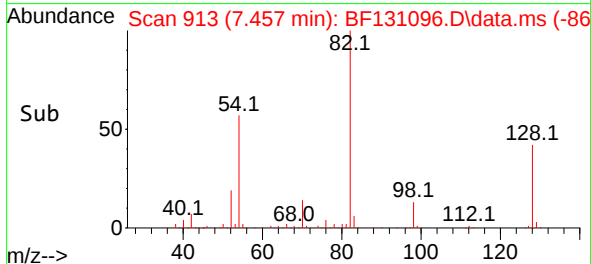
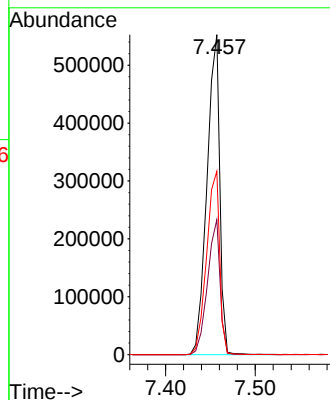
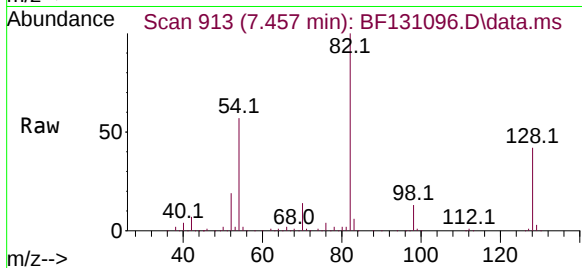
Tgt Ion: 82 Resp: 545958

Ion Ratio Lower Upper

82 100

128 42.2 30.5 45.7

54 57.3 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131096.D

Acq: 09 Nov 2022 20:03

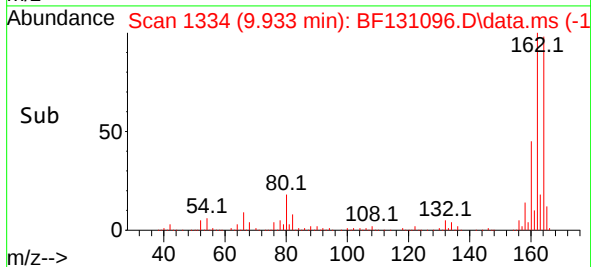
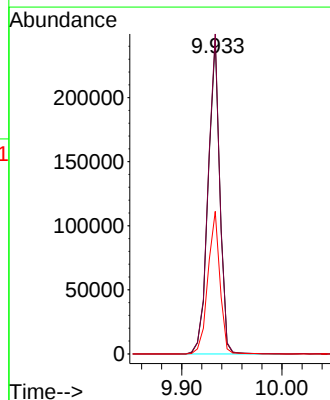
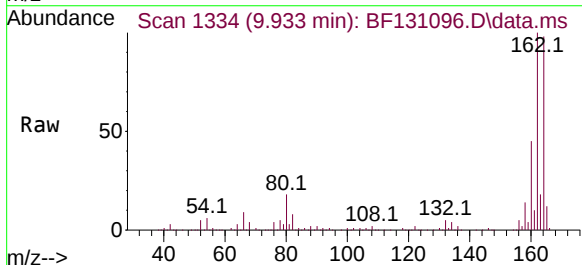
Tgt Ion:164 Resp: 197800

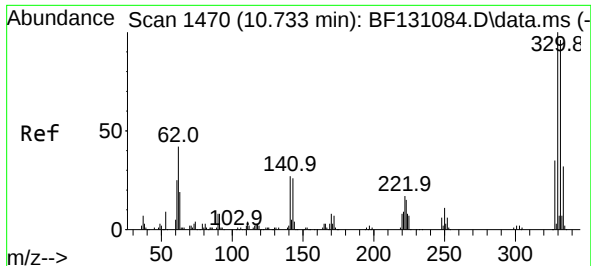
Ion Ratio Lower Upper

164 100

162 101.9 81.7 122.5

160 45.4 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 90.939 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131096.D

Acq: 09 Nov 2022 20:03

Instrument :

BNA_F

ClientSampleId :

596C-4

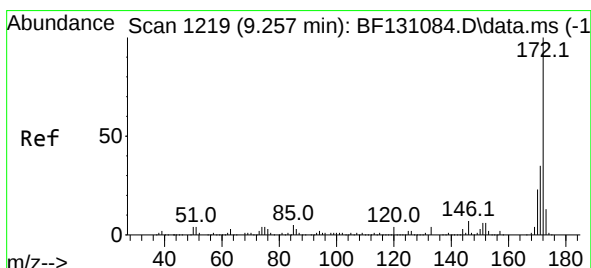
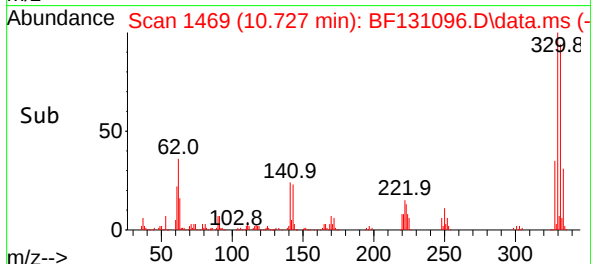
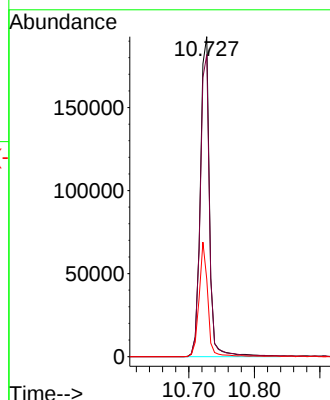
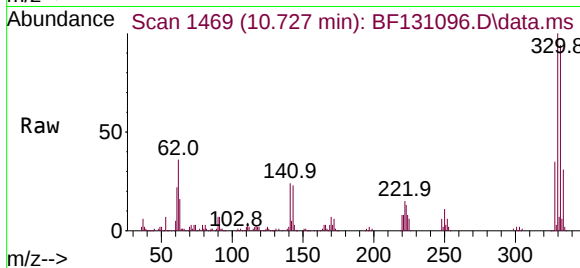
Tgt Ion:330 Resp: 185898

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.4

141 33.9 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 72.298 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131096.D

Acq: 09 Nov 2022 20:03

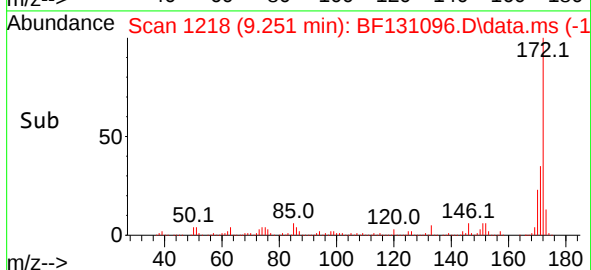
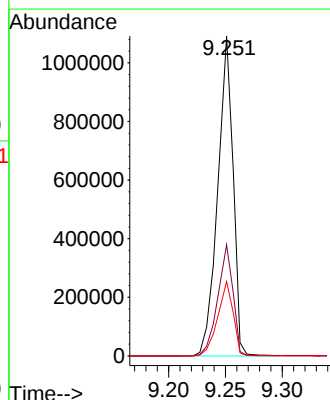
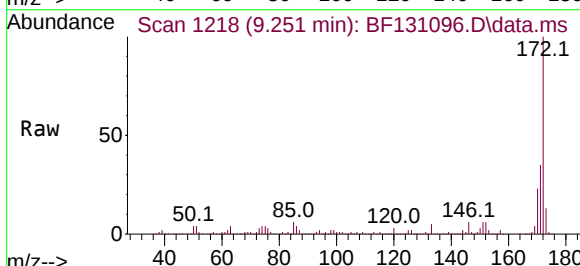
Tgt Ion:172 Resp: 1024411

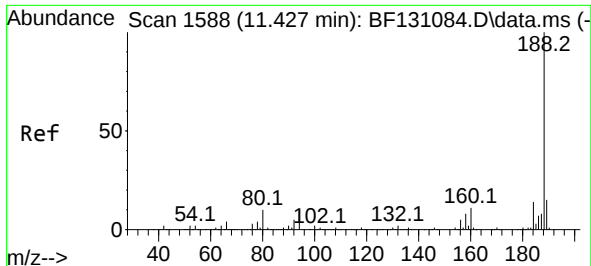
Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 23.2 18.8 28.2

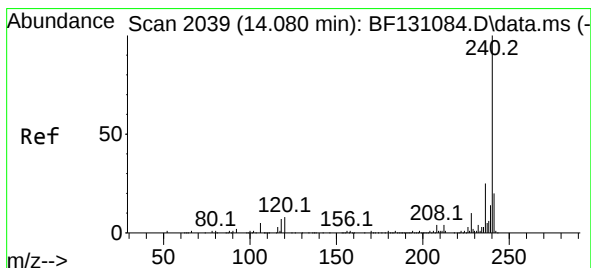
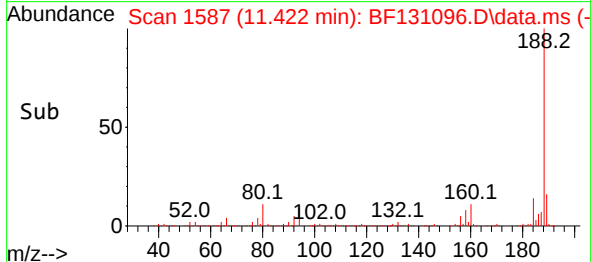
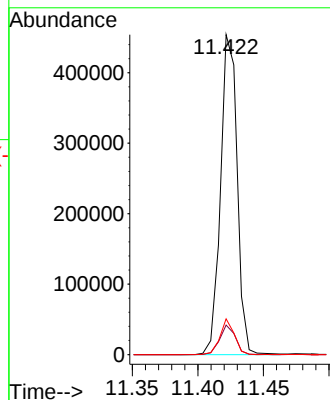
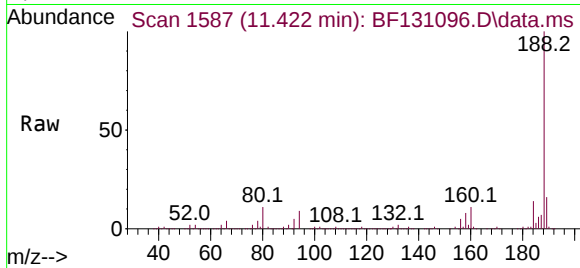




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

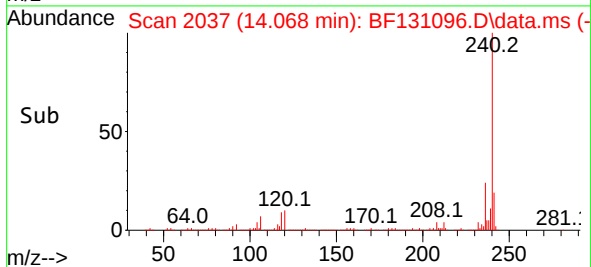
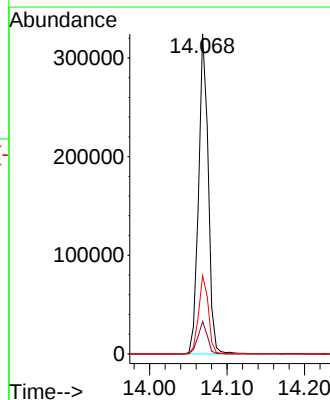
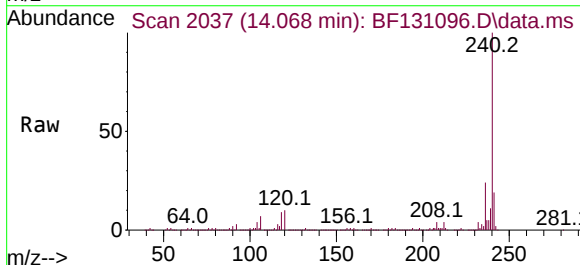
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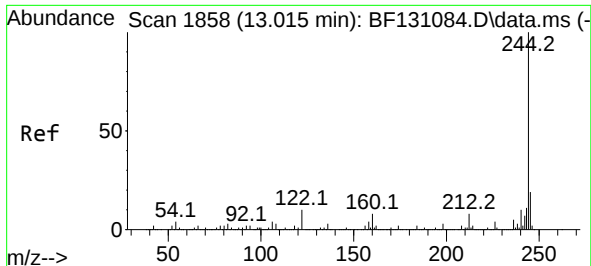
Tgt Ion:188 Resp: 401696
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 11.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

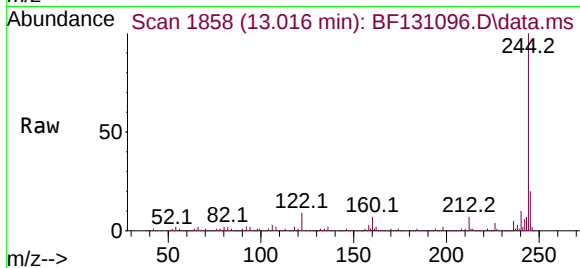
Tgt Ion:240 Resp: 279951
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 24.5 19.7 29.5



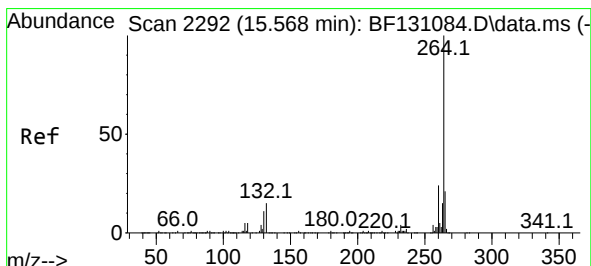
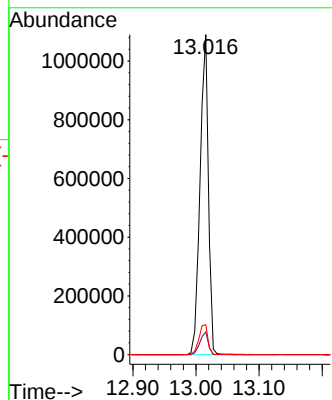
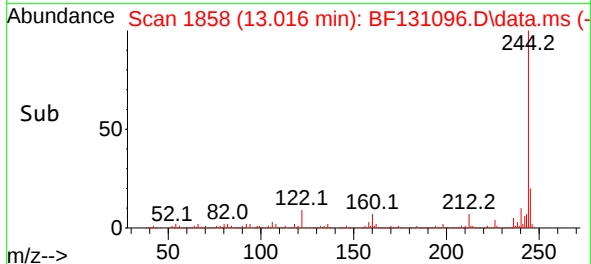


#79
 Terphenyl-d14
 Concen: 62.819 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131096.D
 Acq: 09 Nov 2022 20:03

Instrument :
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Tgt Ion:244 Resp: 1003024
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF131096.D
 Acq: 09 Nov 2022 20:03

Tgt Ion:264 Resp: 186229
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.1 28.7
 265 20.2 16.7 25.1

