

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120929.D
 Acq On : 20 Jul 2020 12:56
 Operator : JU/CG
 Sample : PB130296BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BL

Quant Time: Jul 20 13:22:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162514	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	620393	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	324448	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	618102	20.00	ng	0.00
76) Chrysene-d12	13.97	240	542050	20.00	ng	0.00
86) Perylene-d12	15.42	264	520016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1254998	126.60	ng	0.02
7) Phenol-d6	6.45	99	1525876	119.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	951284	88.72	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	448513	126.29	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1723537	79.31	ng	0.00
79) Terphenyl-d14	12.93	244	1763494	70.72	ng	0.00

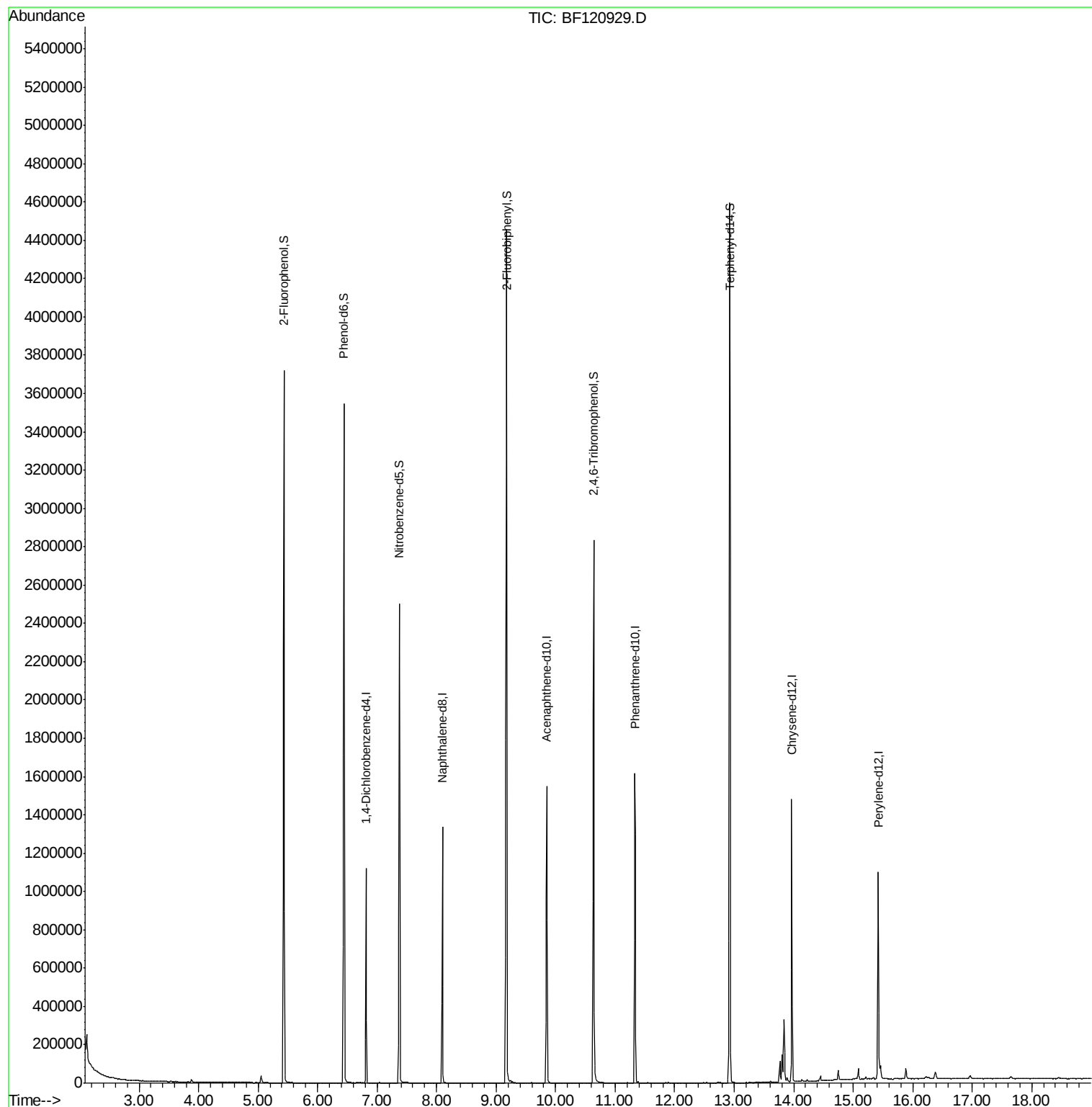
Target Compounds Qvalue

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

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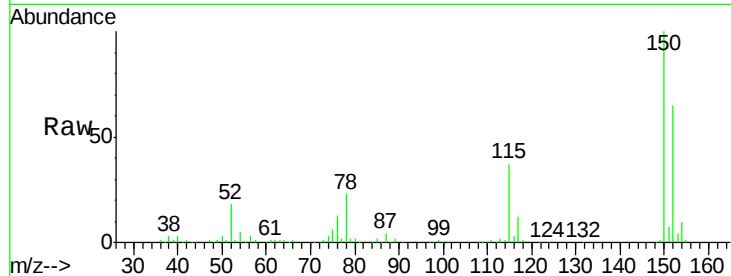


#1

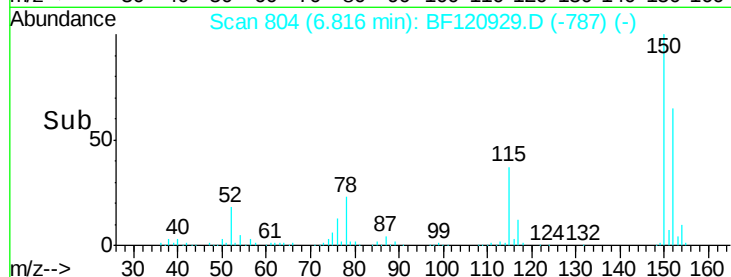
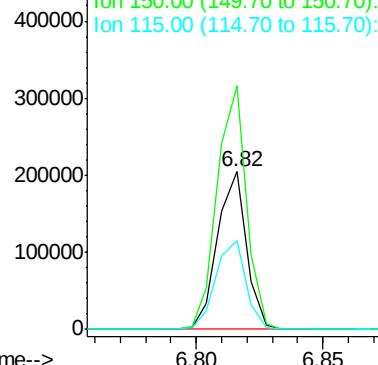
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Instrument :
BNA_F
ClientSampleId :
PB130296BL

Tot Ion:152 Resp: 162514
Ion Ratio Lower Upper
152 100
150 154.8 125.0 187.6
115 56.8 47.0 70.4



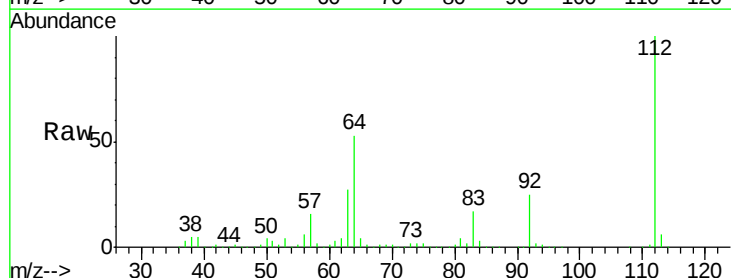
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



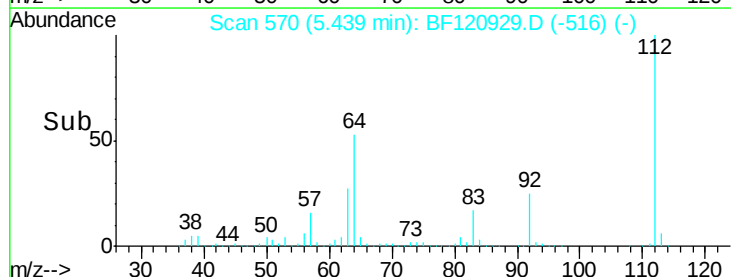
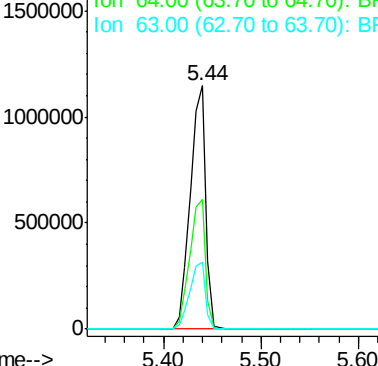
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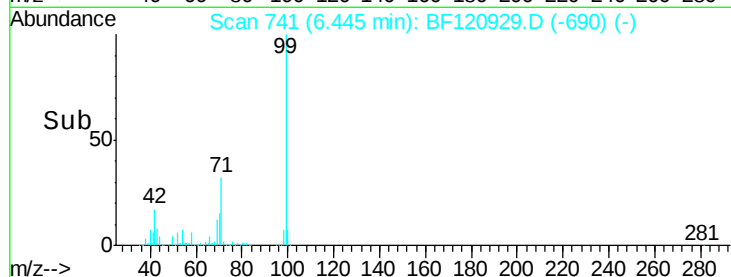
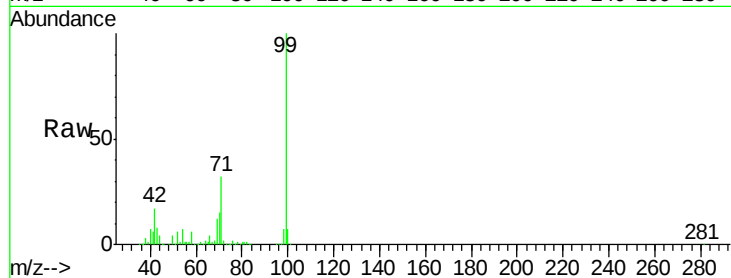
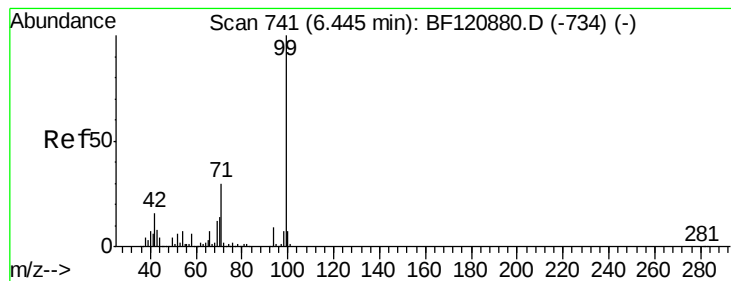
2-Fluorophenol
Concen: 126.598 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Tgt Ion:112 Resp: 1254998
Ion Ratio Lower Upper
112 100
64 53.1 41.3 61.9
63 27.3 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 119.158 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120929.D

Acq: 20 Jul 2020 12:56

Instrument :

BNA_F

ClientSampleId :

PB130296BL

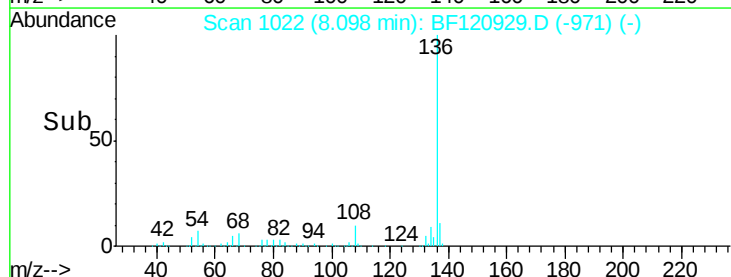
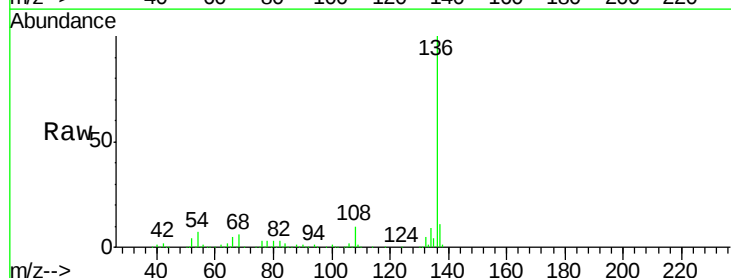
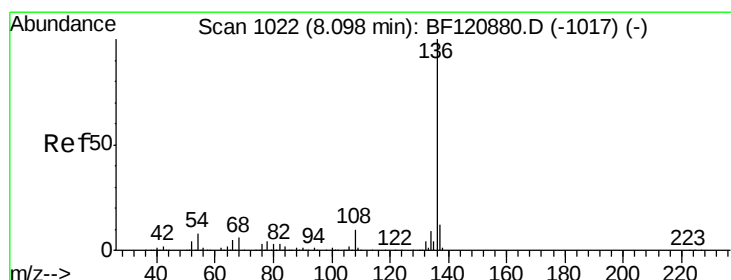
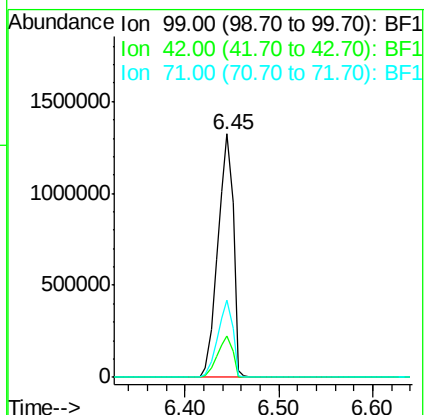
Tot Ion: 99 Resp: 1525876

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

71 31.8 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120929.D

Acq: 20 Jul 2020 12:56

Tgt Ion: 136 Resp: 620393

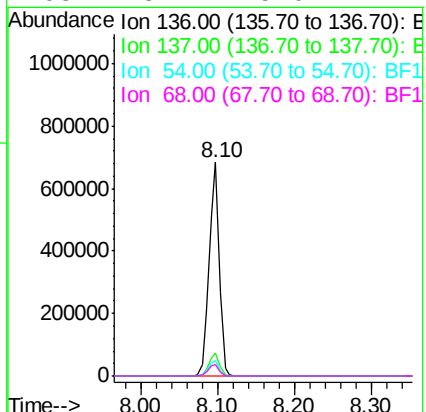
Ion Ratio Lower Upper

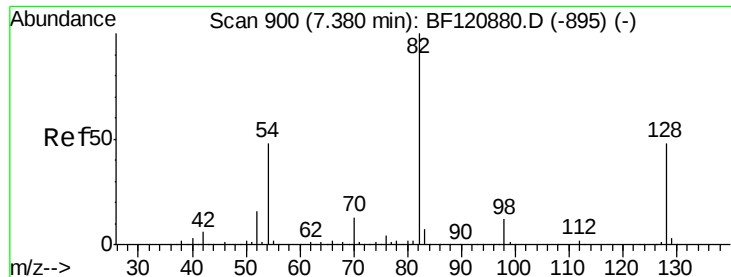
136 100

137 10.8 9.3 13.9

54 7.2 6.3 9.5

68 5.7 5.0 7.4

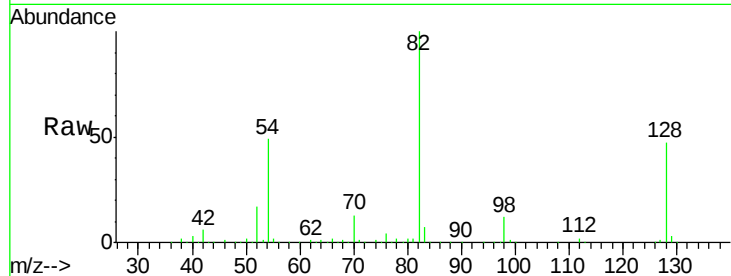




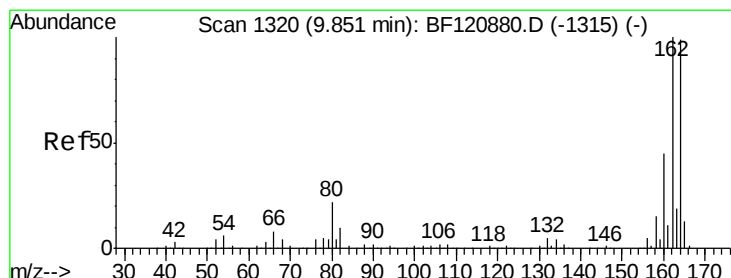
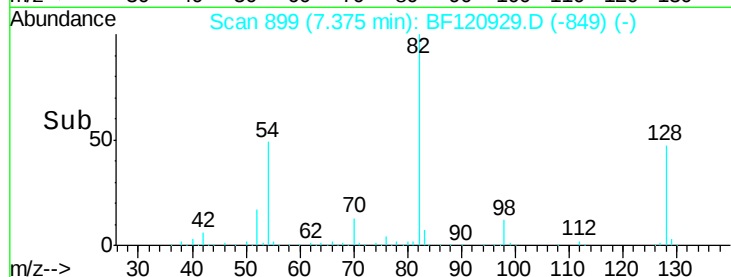
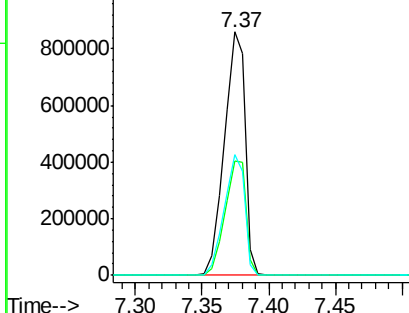
#23
Nitrobenzene-d5
Concen: 88.725 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Instrument :
BNA_F
ClientSampleId :
PB130296BL

Tot Ion: 82 Resp: 951284
Ion Ratio Lower Upper
82 100
128 47.1 38.2 57.4
54 49.4 38.7 58.1

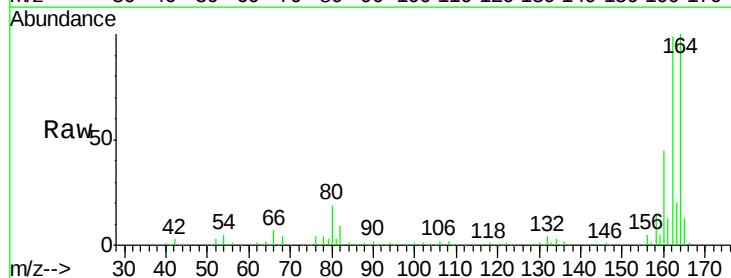


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

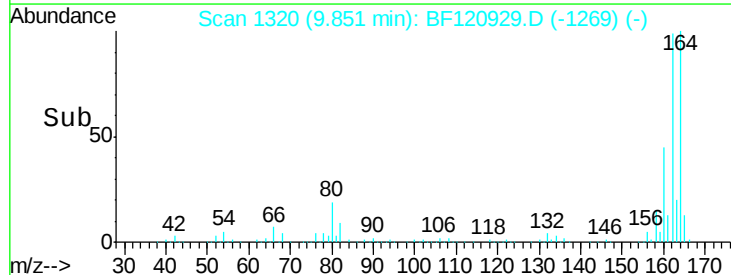
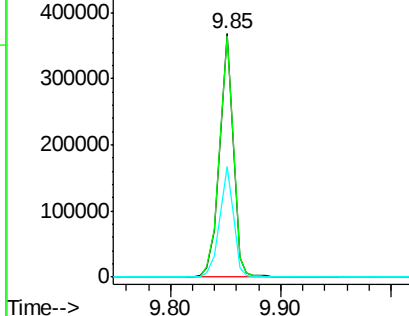


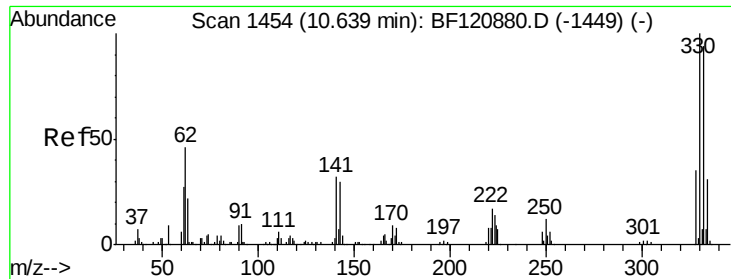
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Tgt Ion:164 Resp: 324448
Ion Ratio Lower Upper
164 100
162 99.2 81.2 121.8
160 45.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

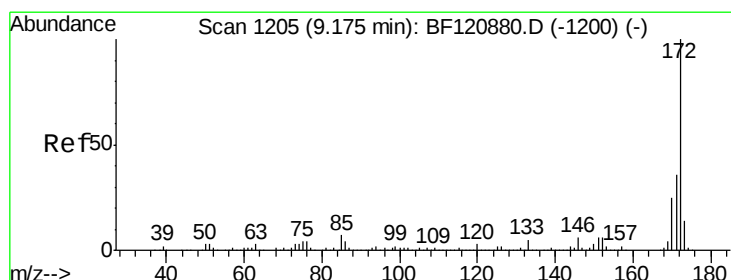
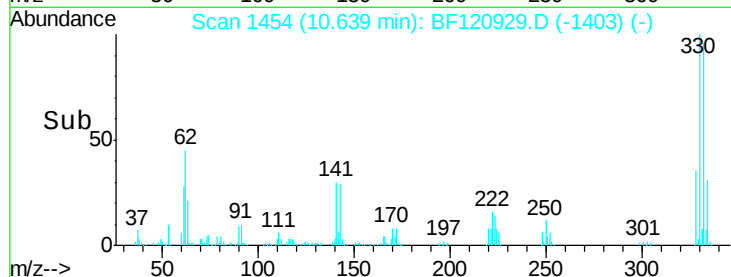
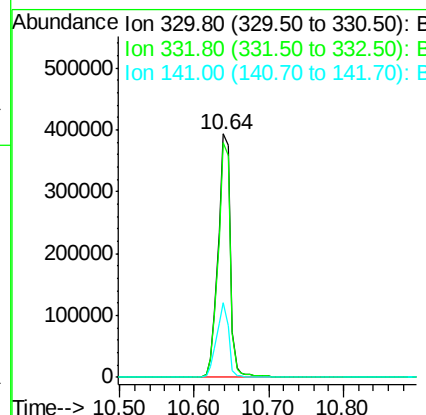
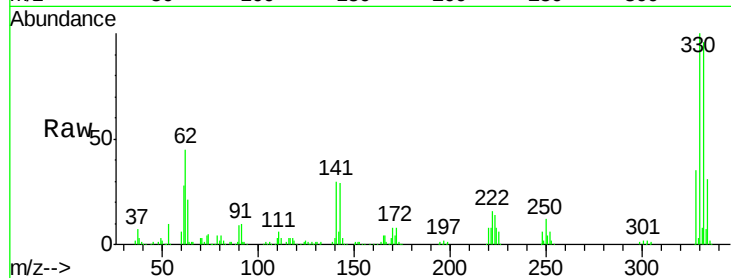




#42
 2,4,6-Tribromophenol
 Concen: 126.292 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120929.D
 Acq: 20 Jul 2020 12:56

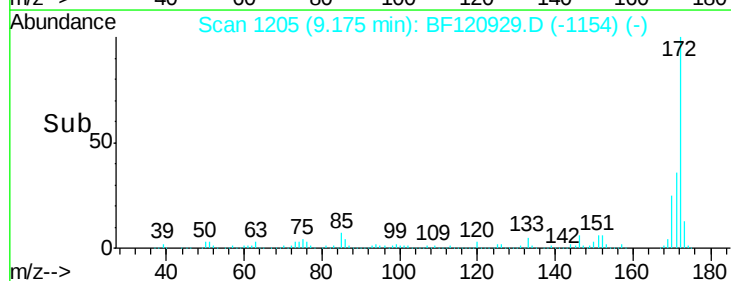
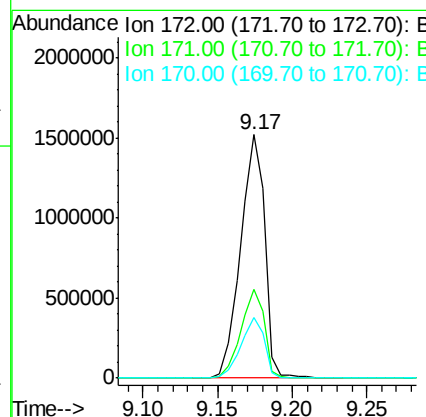
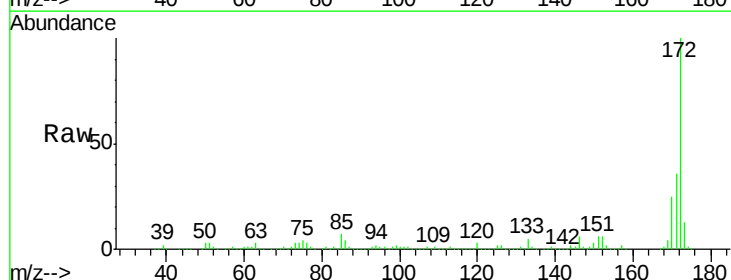
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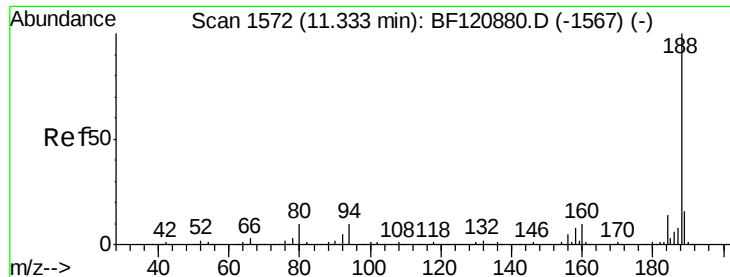
Tot Ion:330 Resp: 448513
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.5 113.3
 141 30.2 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 79.314 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120929.D
 Acq: 20 Jul 2020 12:56

Tgt Ion:172 Resp: 1723537
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.7 19.6 29.4

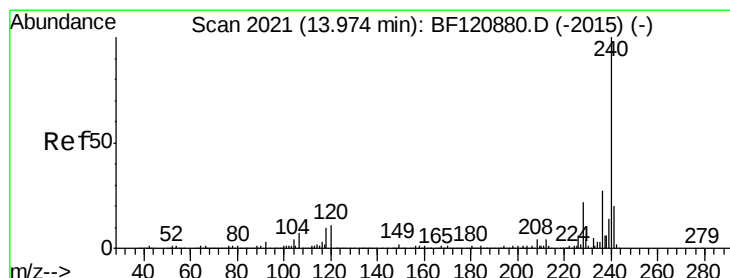
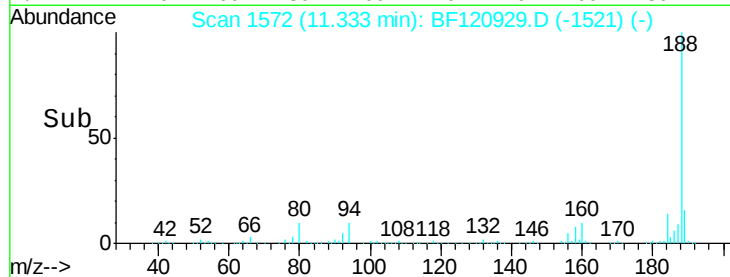
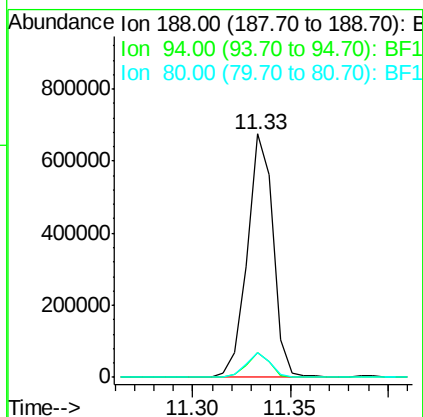
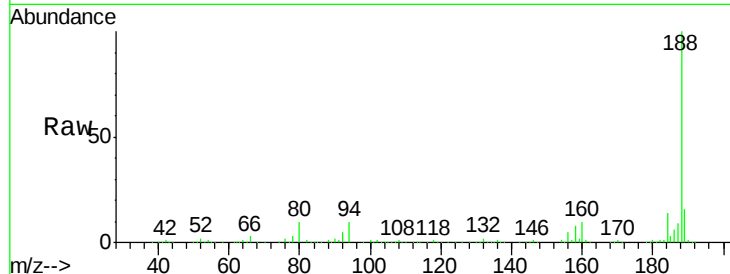




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

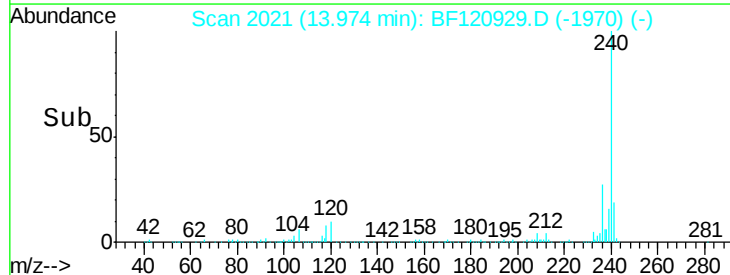
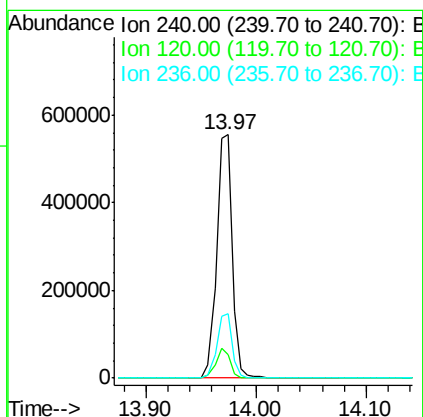
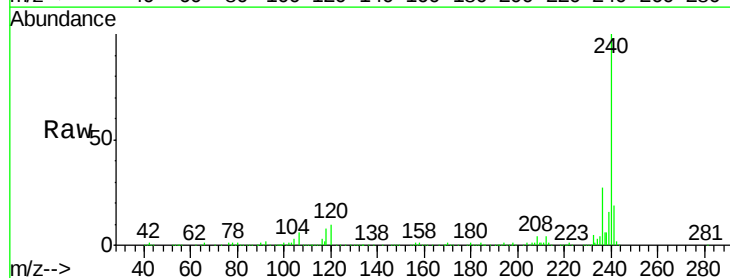
Instrument :
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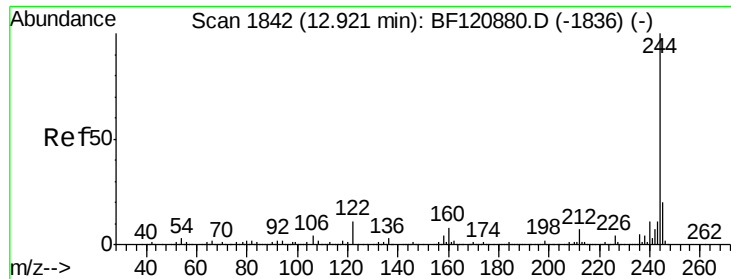
Tot Ion:188 Resp: 618102
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120929.D
Acq: 20 Jul 2020 12:56

Tgt Ion:240 Resp: 542050
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 26.6 21.7 32.5

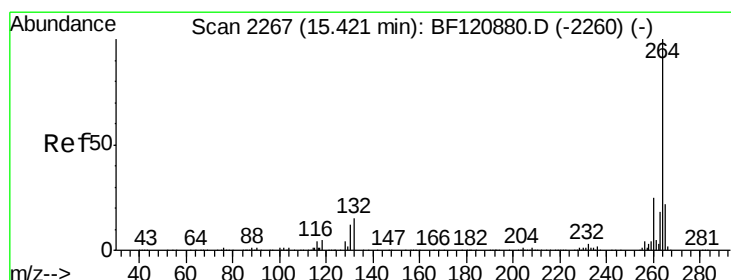
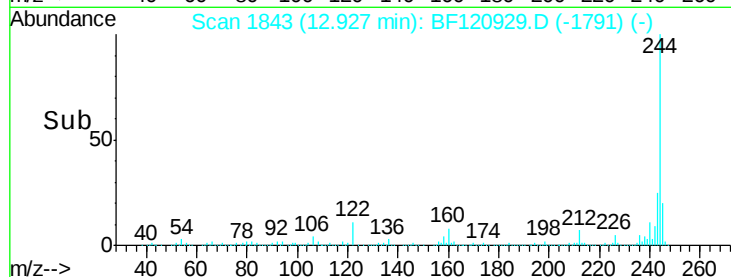
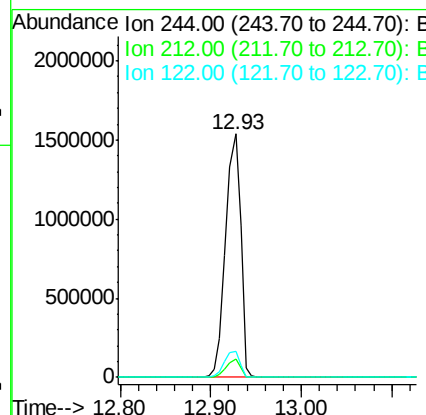
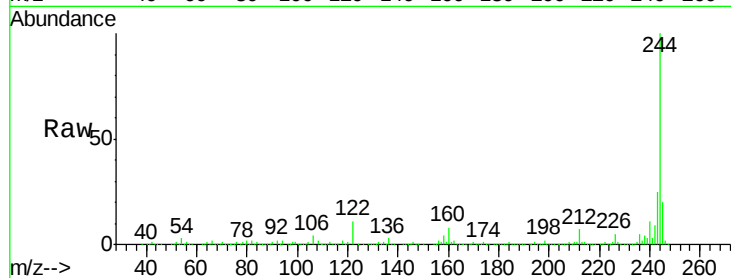




#79
 Terphenyl-d14
 Concen: 70.721 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF120929.D
 Acq: 20 Jul 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BL

Tot Ion:244 Resp: 1763494
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.7 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF120929.D
 Acq: 20 Jul 2020 12:56

Tgt Ion:264 Resp: 520016
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 21.7 17.4 26.2

