

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121030.D
 Acq On : 27 Jul 2020 13:51
 Operator : JU/CG
 Sample : PB130472BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130472BL

Quant Time: Jul 27 15:29:59 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	6.81	152	160114	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	604318	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	309426	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	609811	20.00	ng	0.00
76) Chrysene-d12	13.97	240	484552	20.00	ng	0.00
86) Perylene-d12	15.42	264	423684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1122264	114.91	ng	0.02
7) Phenol-d6	6.45	99	1352322	107.19	ng	0.00
23) Nitrobenzene-d5	7.37	82	857370	82.09	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	412632	121.83	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1629693	78.64	ng	0.00
79) Terphenyl-d14	12.92	244	1618565	72.61	ng	0.00

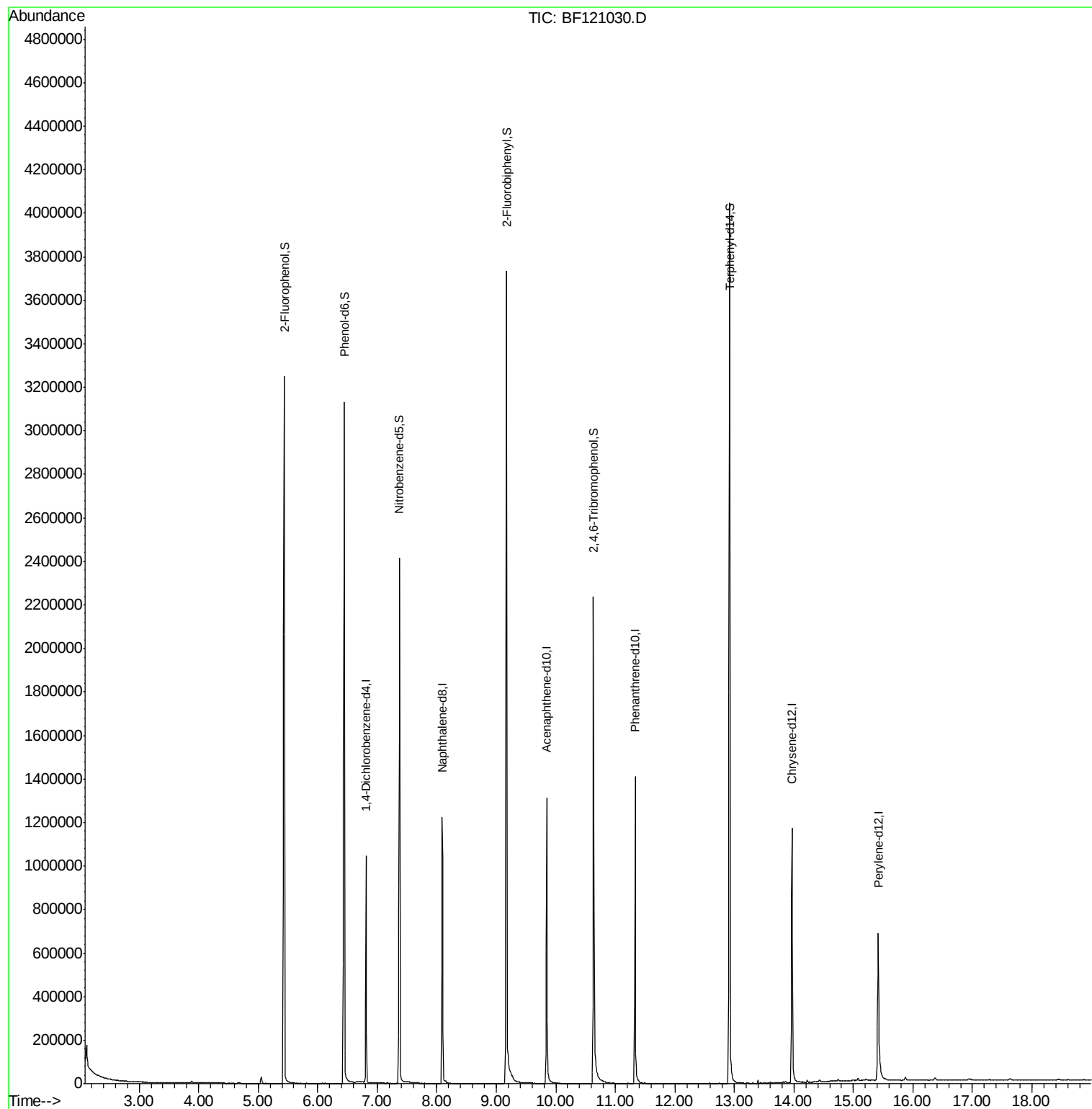
Target Compounds Qvalue

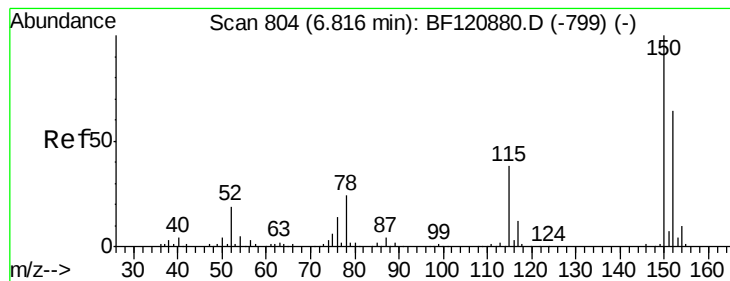
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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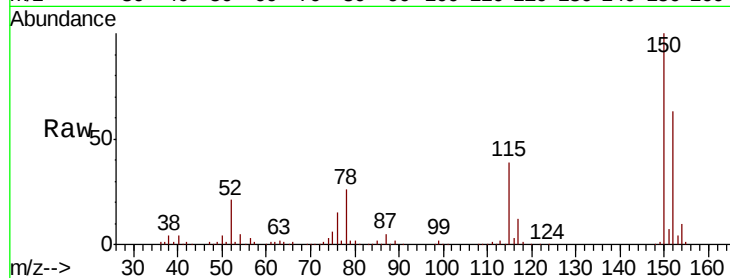


#1

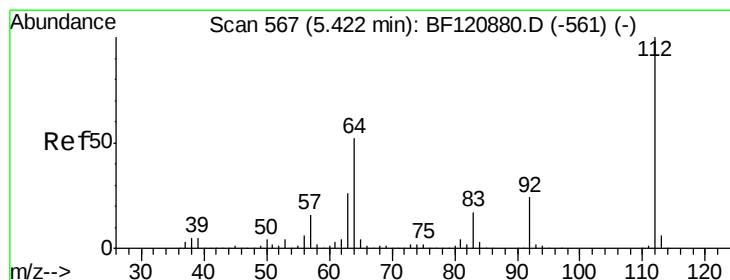
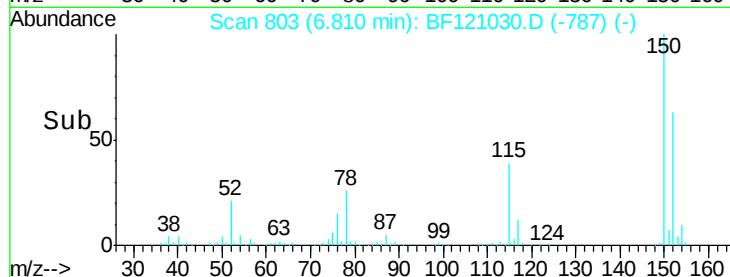
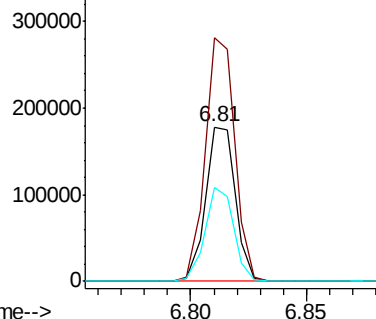
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121030.D
 Acq: 27 Jul 2020 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB130472BL

Tot Ion:152 Resp: 160114
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.0 187.6
 115 61.0 47.0 70.4



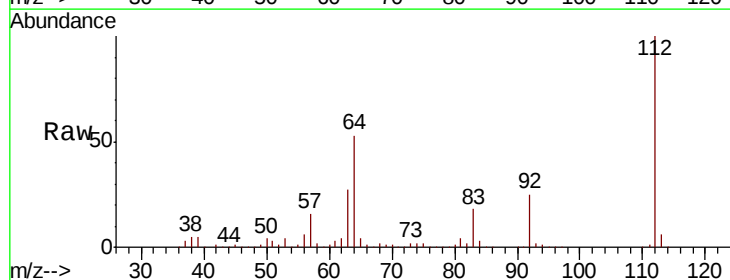
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



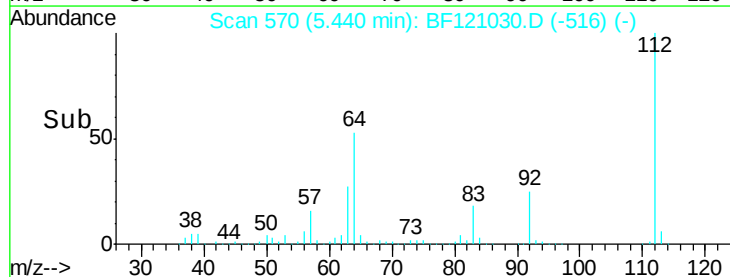
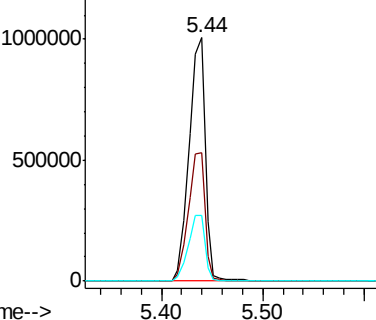
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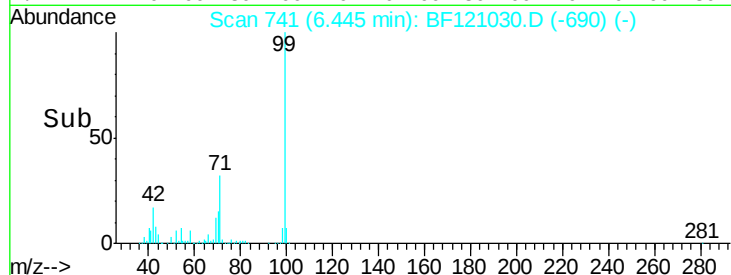
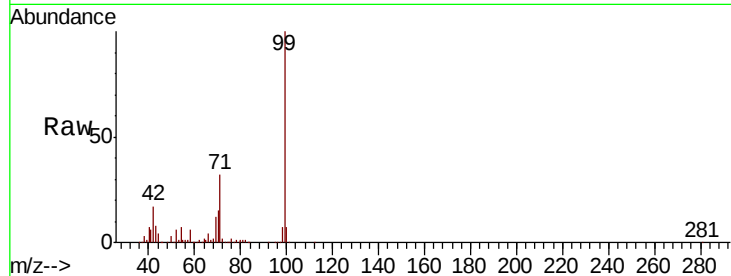
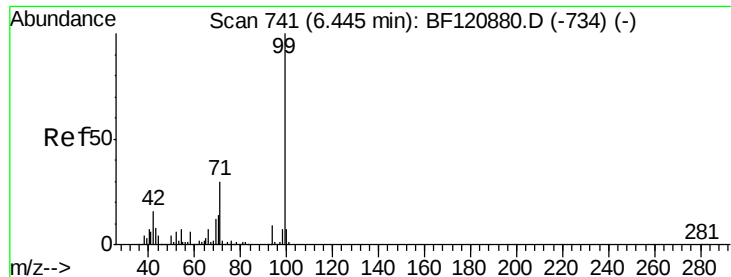
2-Fluorophenol
 Concen: 114.905 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF121030.D
 Acq: 27 Jul 2020 13:51

Tgt Ion:112 Resp: 1122264
 Ion Ratio Lower Upper
 112 100
 64 52.8 41.3 61.9
 63 27.2 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: 107.188 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121030.D

Acq: 27 Jul 2020 13:51

Instrument :

BNA_F

ClientSampleId :

PB130472BL

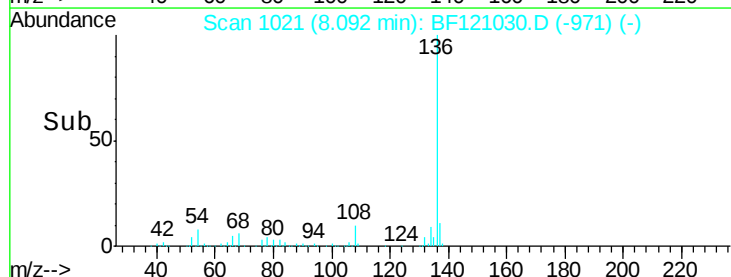
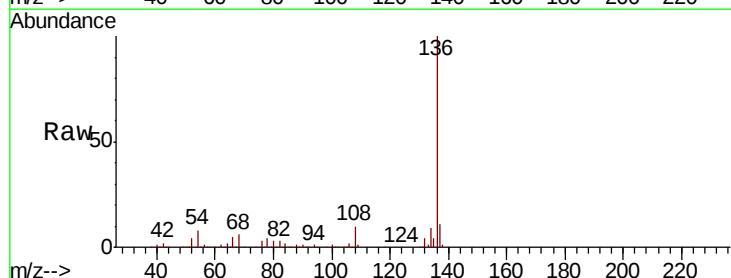
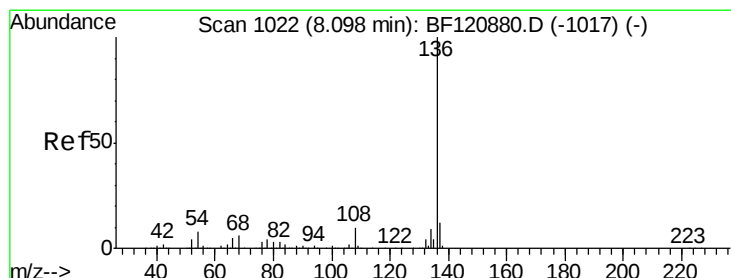
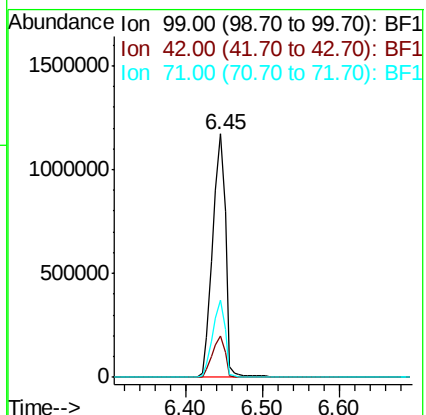
Tot Ion: 99 Resp: 1352322

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

71 31.7 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121030.D

Acq: 27 Jul 2020 13:51

Tgt Ion: 136 Resp: 604318

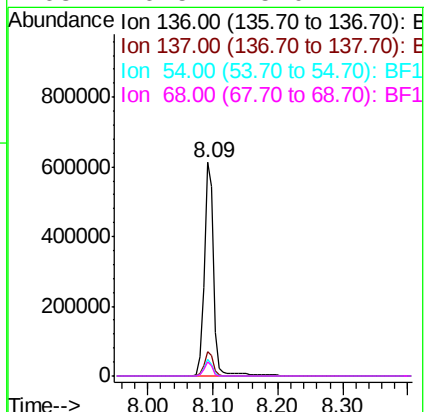
Ion Ratio Lower Upper

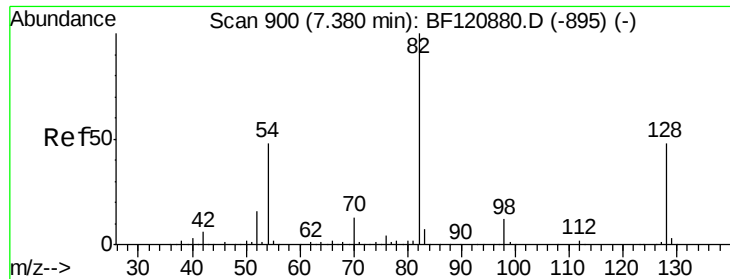
136 100

137 11.4 9.3 13.9

54 7.9 6.3 9.5

68 6.5 5.0 7.4

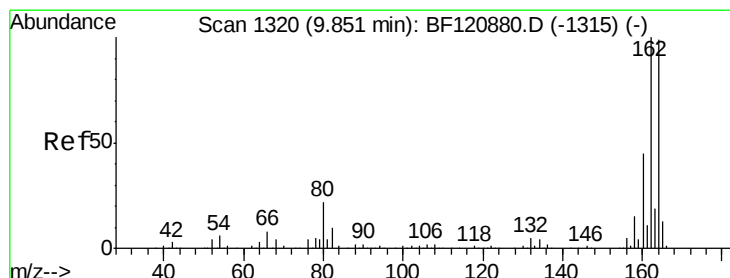
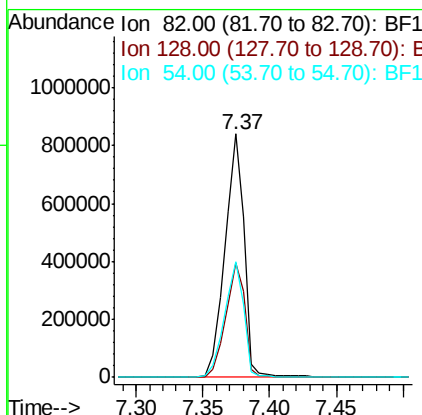
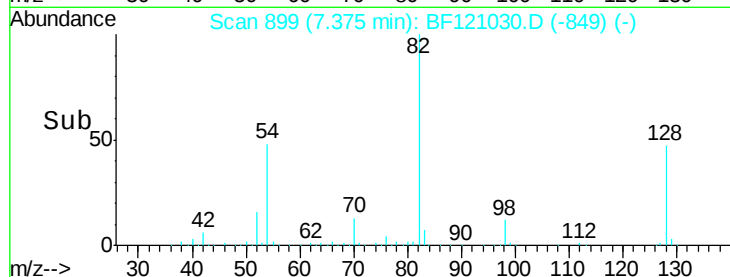
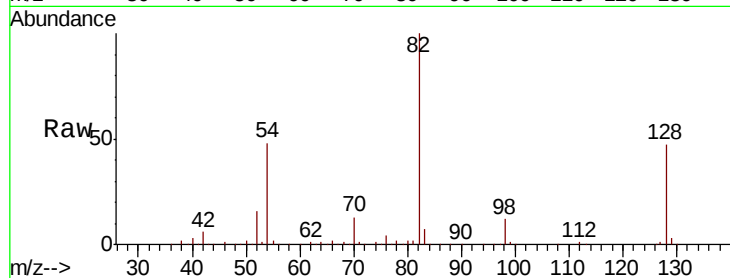




#23
 Nitrobenzene-d5
 Concen: 82.093 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121030.D
 Acq: 27 Jul 2020 13:51

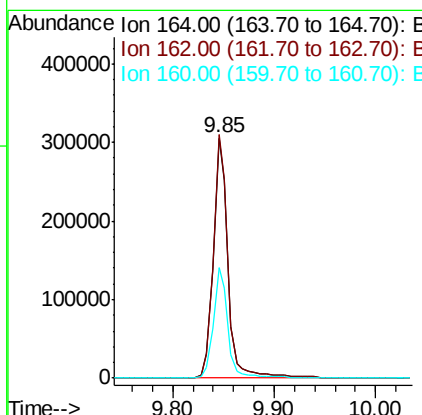
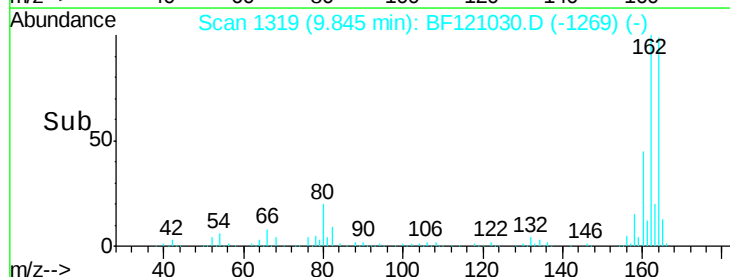
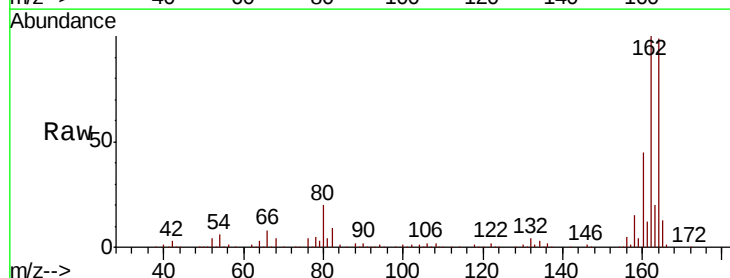
Instrument :
 BNA_F
 ClientSampleId :
 PB130472BL

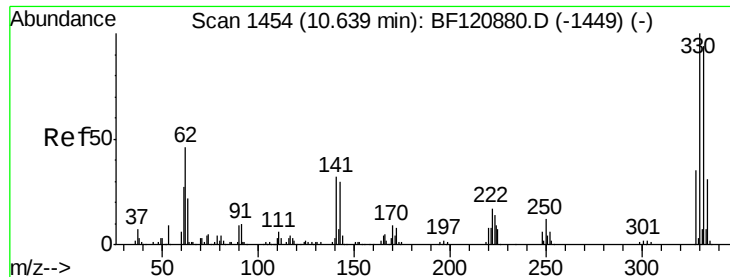
Tot Ion: 82 Resp: 857370
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.2 57.4
 54 47.6 38.7 58.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121030.D
 Acq: 27 Jul 2020 13:51

Tgt Ion: 164 Resp: 309426
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.2 121.8
 160 46.1 36.9 55.3

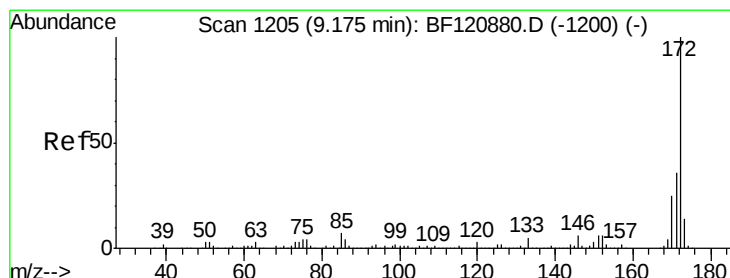
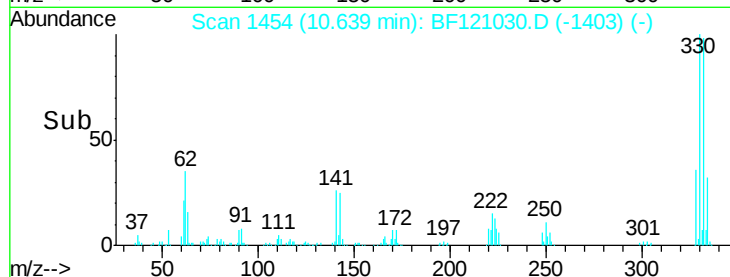
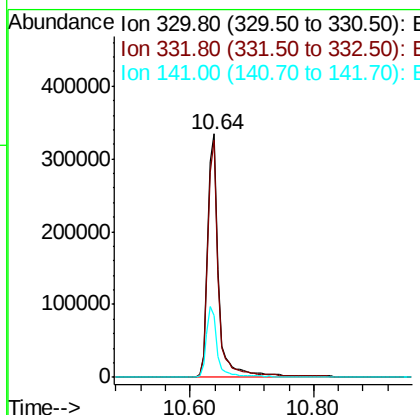
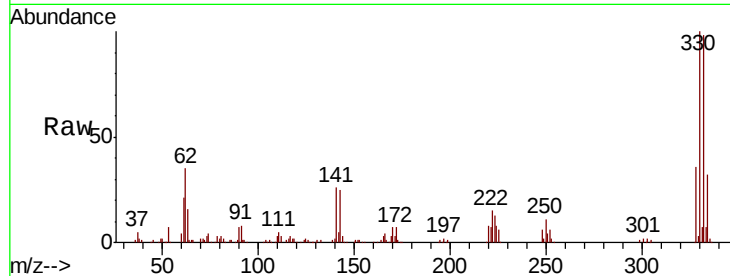




#42
 2,4,6-Tribromophenol
 Concen: 121.829 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121030.D
 Acq: 27 Jul 2020 13:51

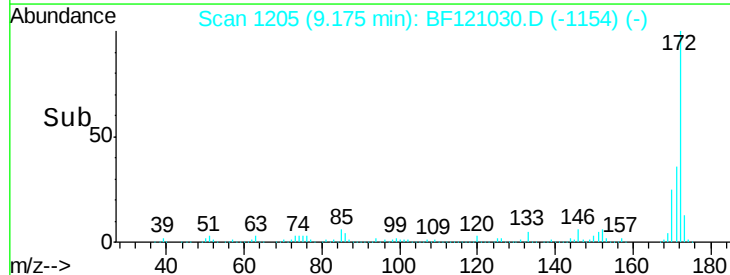
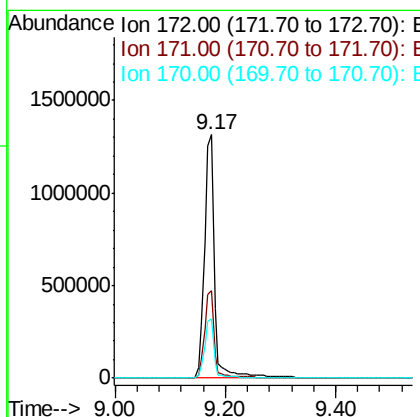
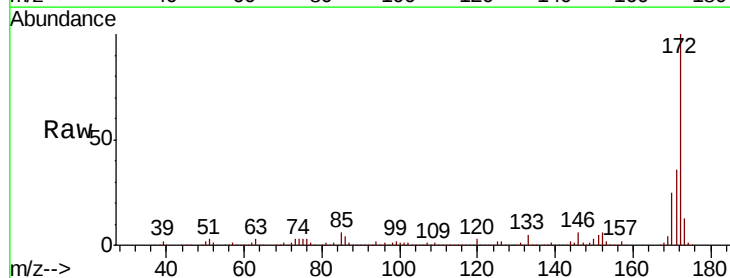
Instrument :
 BNA_F
 ClientSampleId :
 PB130472BL

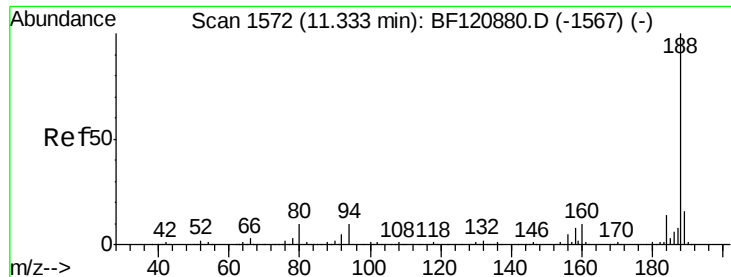
Tot Ion:330 Resp: 412632
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.5 113.3
 141 30.1 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 78.636 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121030.D
 Acq: 27 Jul 2020 13:51

Tgt Ion:172 Resp: 1629693
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.5 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: BF121030.D

Acq: 27 Jul 2020 13:51

Instrument :

BNA_F

ClientSampleId :

PB130472BL

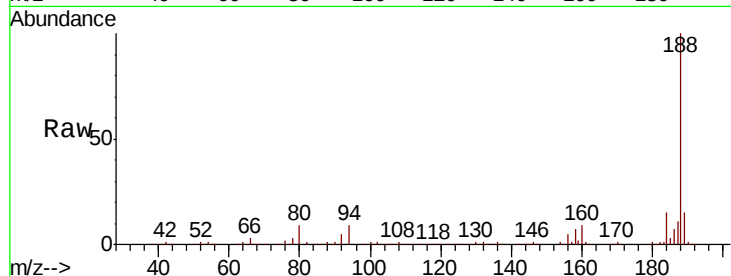
Tot Ion:188 Resp: 609811

Ion Ratio Lower Upper

188 100

94 8.5 8.0 12.0

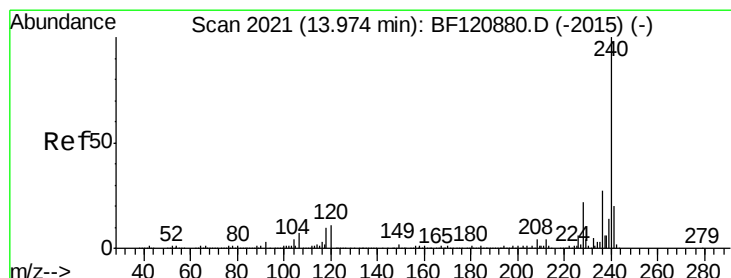
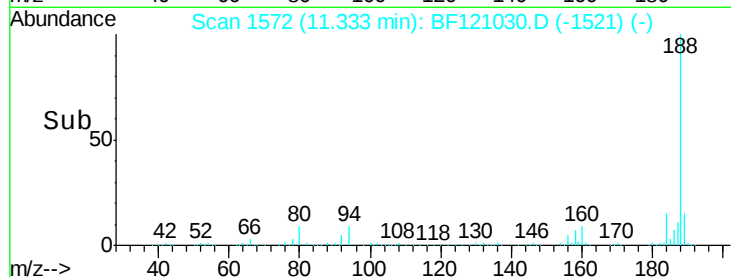
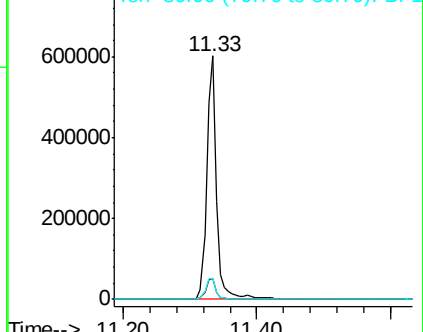
80 8.8 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121030.D

Acq: 27 Jul 2020 13:51

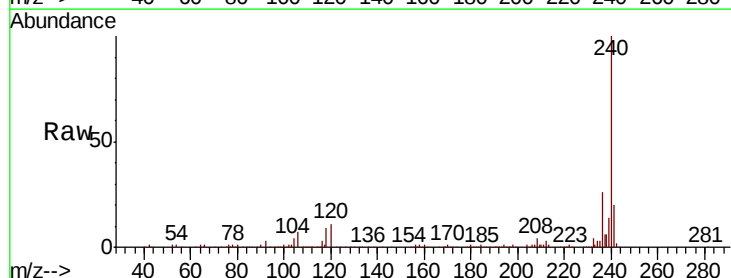
Tgt Ion:240 Resp: 484552

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

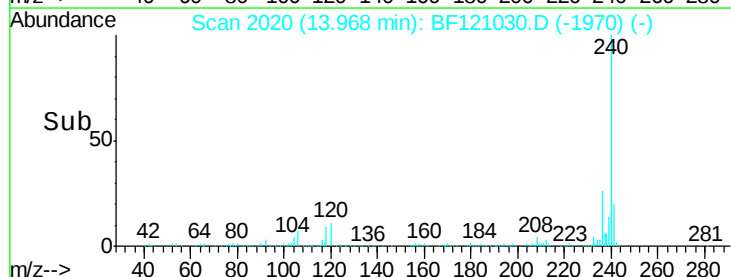
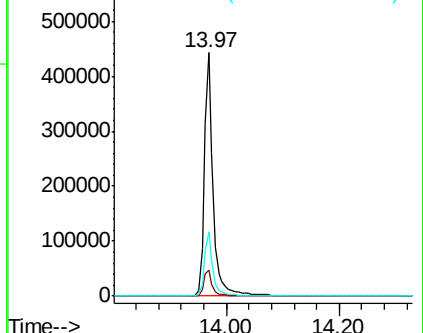
236 26.4 21.7 32.5

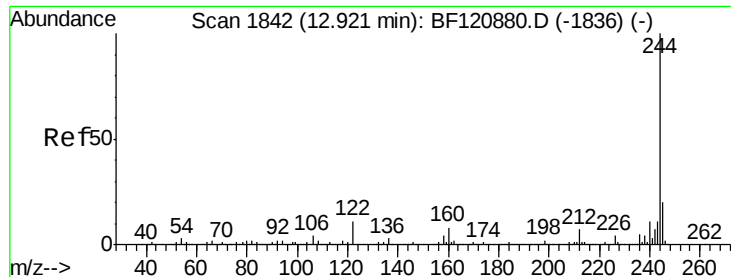


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

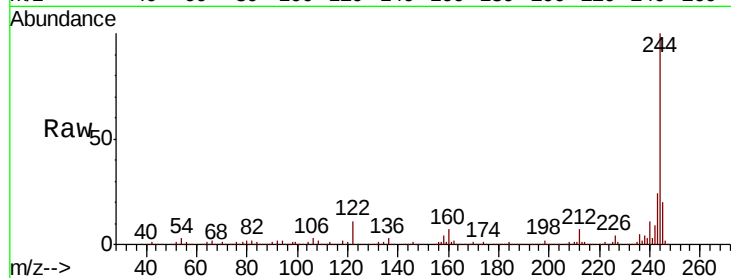




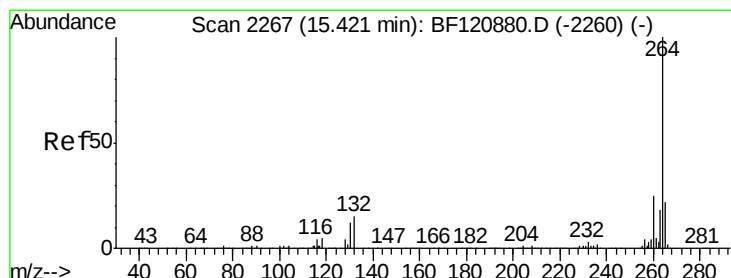
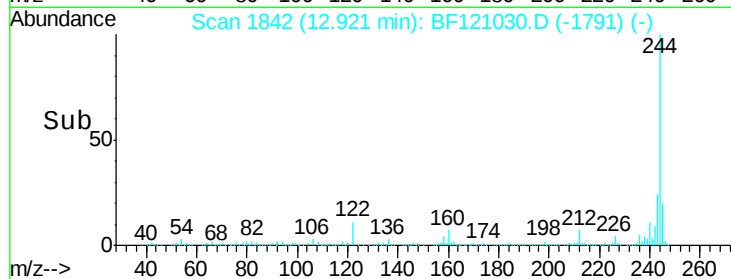
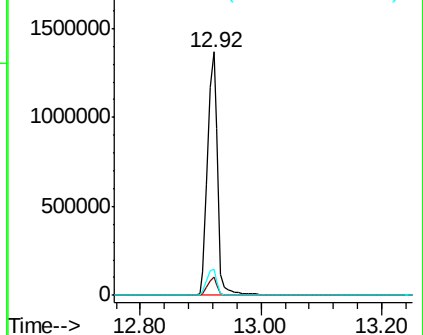
#79
 Terphenyl-d14
 Concen: 72.612 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121030.D
 Acq: 27 Jul 2020 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB130472BL

Tot Ion:244 Resp: 1618565
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 10.6 8.9 13.3

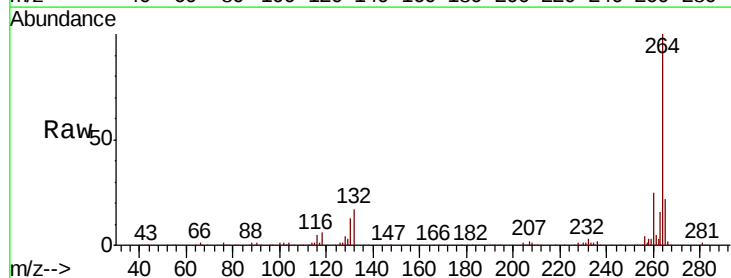


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121030.D
 Acq: 27 Jul 2020 13:51

Tgt Ion:264 Resp: 423684
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.0 30.0
 265 22.4 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

