

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113353.D
 Acq On : 28 Mar 2019 3:06
 Operator : JU/SJ
 Sample : K2086-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-13

Quant Time: Mar 28 04:43:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	158118	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	582630	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	262752	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	471273	20.00	ng	0.00
76) Chrysene-d12	13.84	240	400512	20.00	ng	0.00
87) Perylene-d12	15.24	264	326553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1086951	112.40	ng	0.01
7) Phenol-d6	6.35	99	1257281	102.78	ng	0.00
23) Nitrobenzene-d5	7.27	82	919116	93.63	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	376383	115.97	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1619116	99.62	ng	0.00
79) Terphenyl-d14	12.79	244	1544993	85.03	ng	0.00

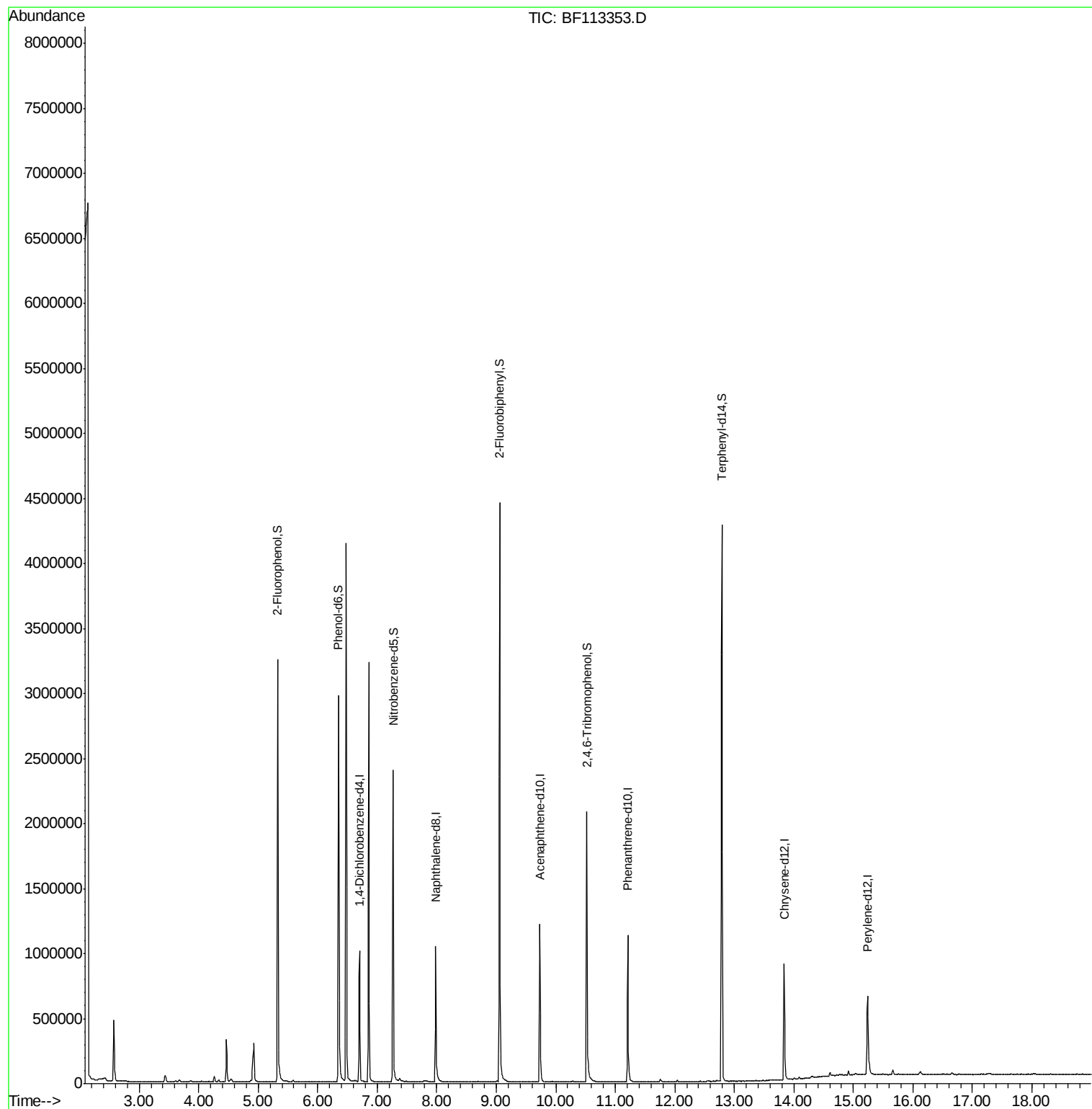
Target Compounds Qvalue

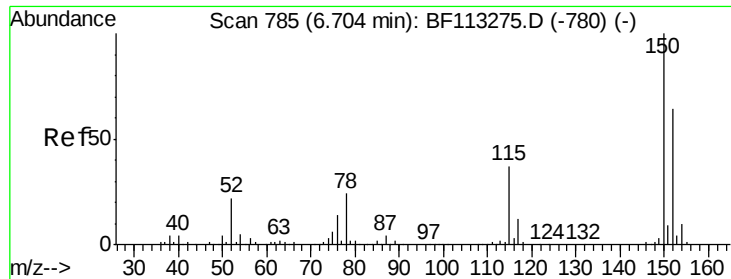
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF113353.D

Acq: 28 Mar 2019 3:06

Instrument :

BNA_F

ClientSampleId :

CS-13

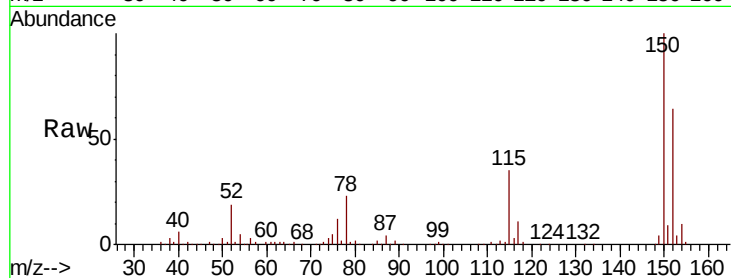
Tot Ion:152 Resp: 158118

Ion Ratio Lower Upper

152 100

150 156.9 124.7 187.1

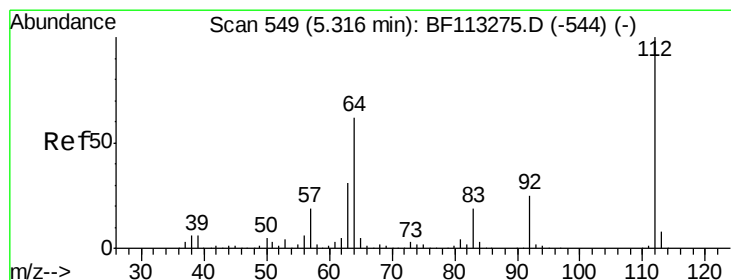
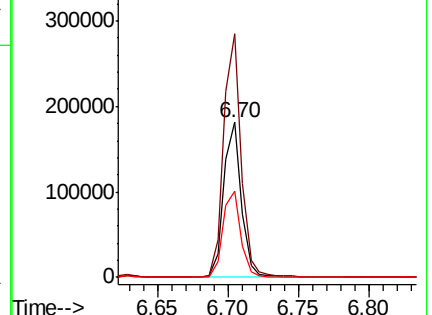
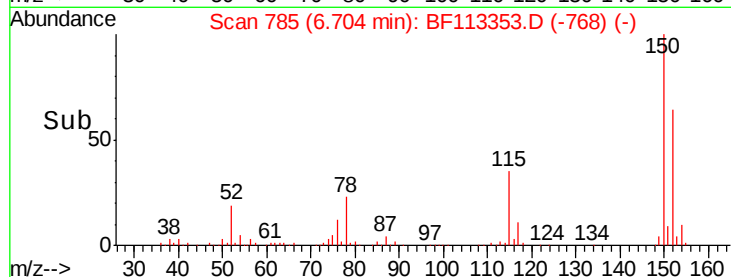
115 55.4 46.0 69.0



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



#5

2-Fluorophenol

Concen: 112.403 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113353.D

Acq: 28 Mar 2019 3:06

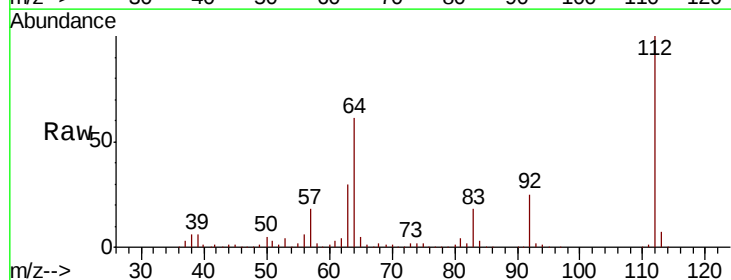
Tgt Ion:112 Resp: 1086951

Ion Ratio Lower Upper

112 100

64 60.6 49.2 73.8

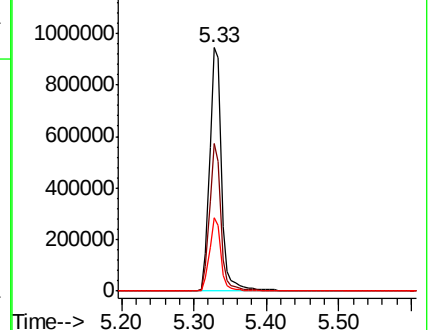
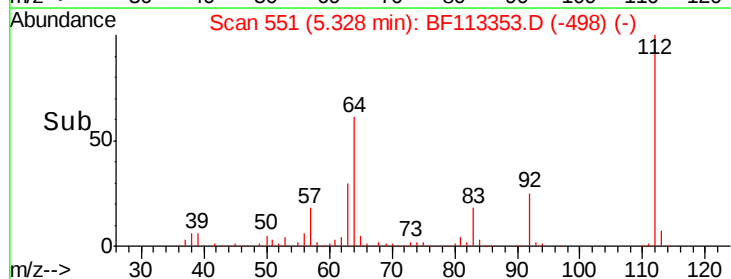
63 30.2 24.9 37.3

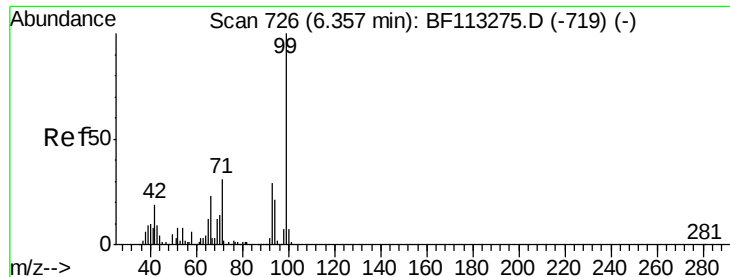


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.776 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113353.D

Acq: 28 Mar 2019 3:06

Instrument :

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CS-13

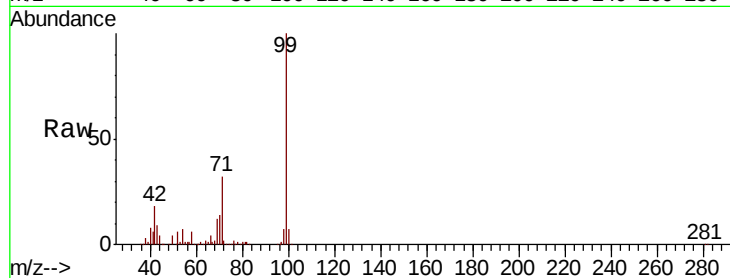
Tot Ion: 99 Resp: 1257281

Ion Ratio Lower Upper

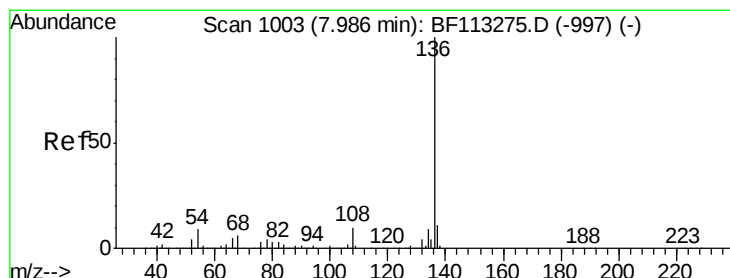
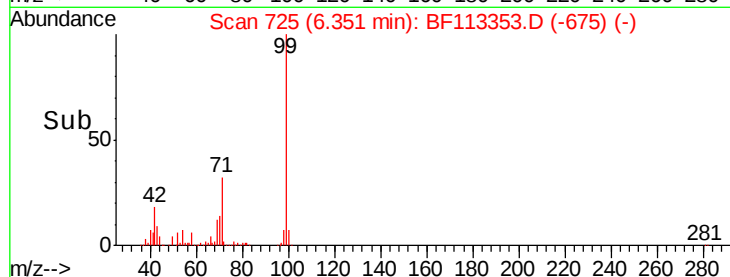
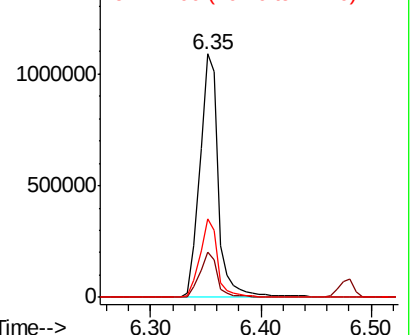
99 100

42 18.4 14.8 22.2

71 32.1 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113353.D

Acq: 28 Mar 2019 3:06

Tgt Ion: 136 Resp: 582630

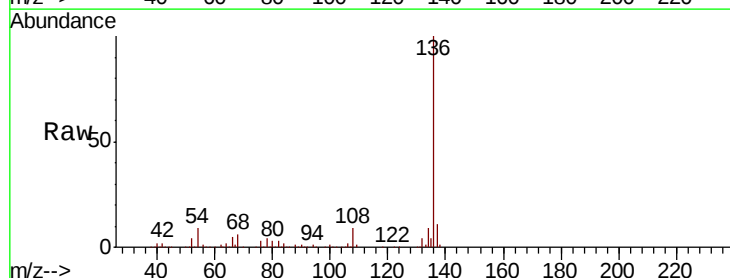
Ion Ratio Lower Upper

136 100

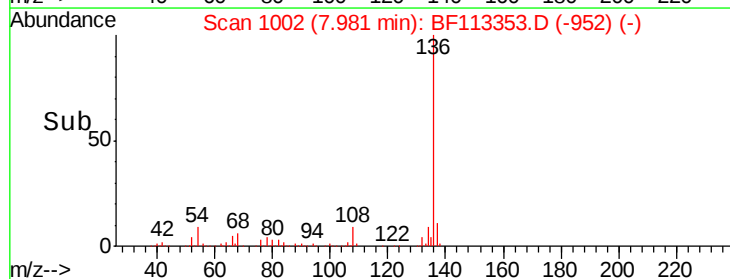
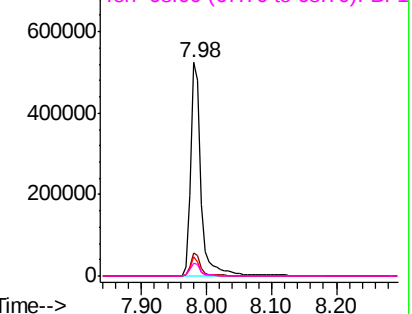
137 11.0 8.9 13.3

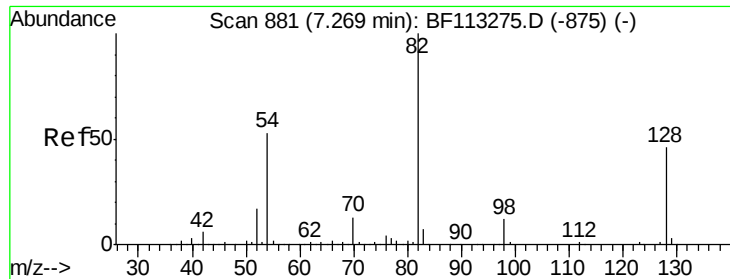
54 8.8 7.0 10.6

68 6.3 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

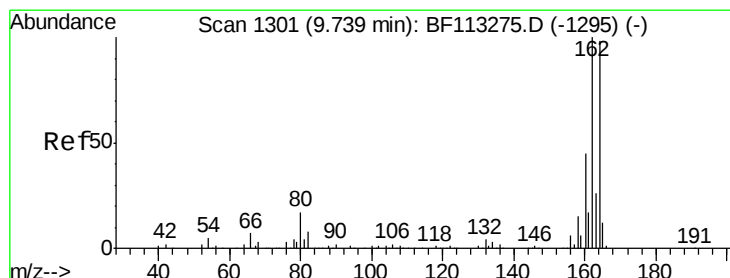
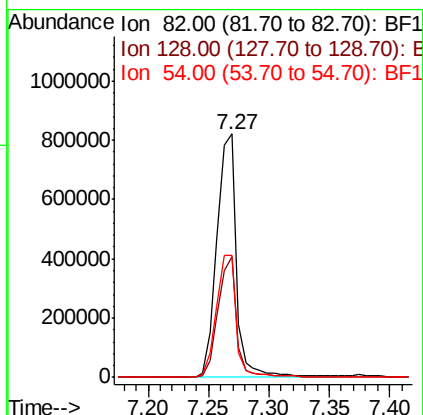
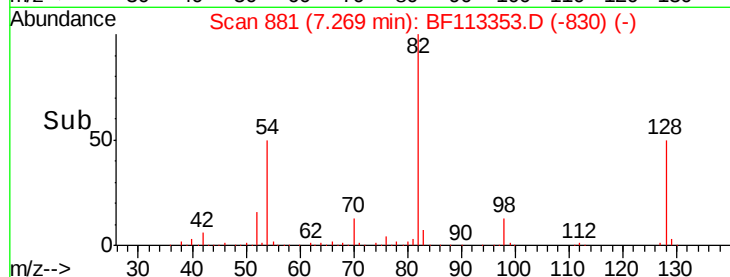
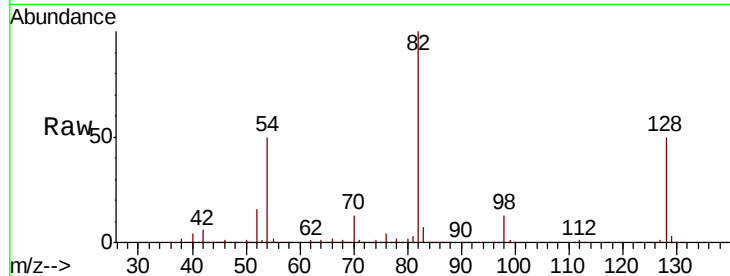




#23
 Nitrobenzene-d5
 Concen: 93.633 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

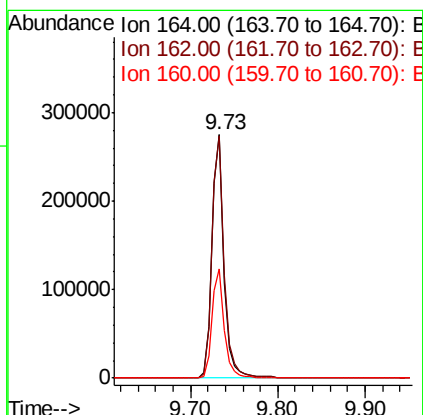
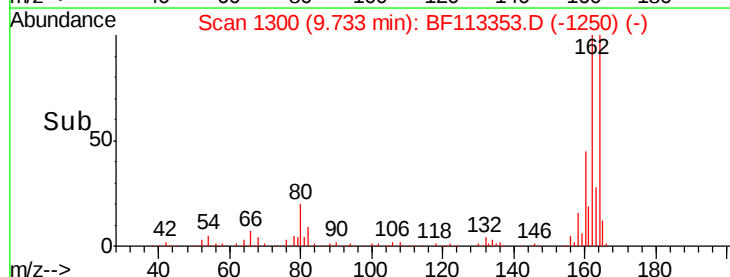
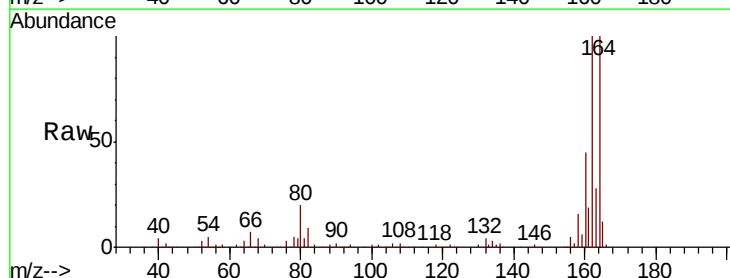
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 CS-13

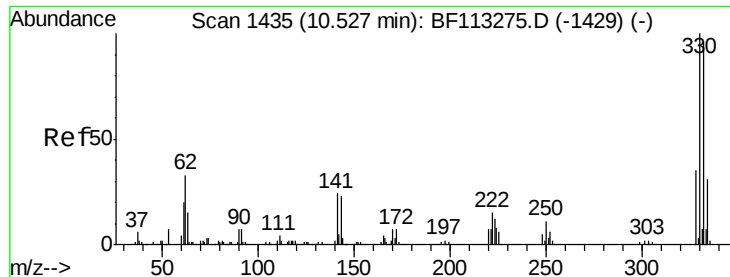
Tot Ion: 82 Resp: 919116
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.5 54.7
 54 50.0 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

Tgt Ion:164 Resp: 262752
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.8 122.6
 160 45.1 36.4 54.6

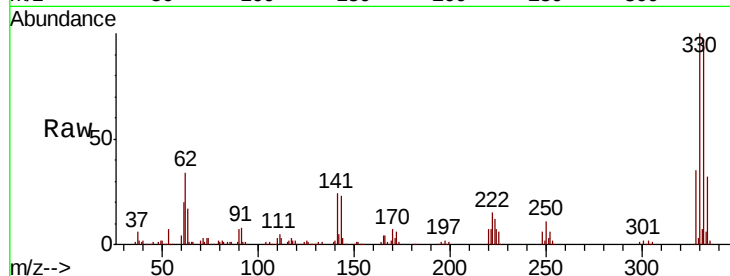




#42
 2,4,6-Tribromophenol
 Concen: 115.968 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

Instrument :
 BNA_F
 ClientSampleId :
 CS-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.6
141	27.8	22.7	34.1

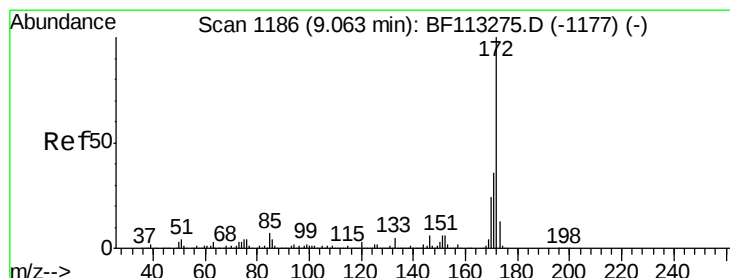
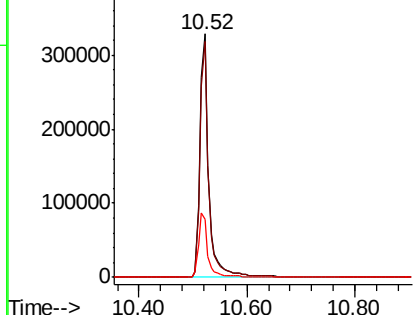
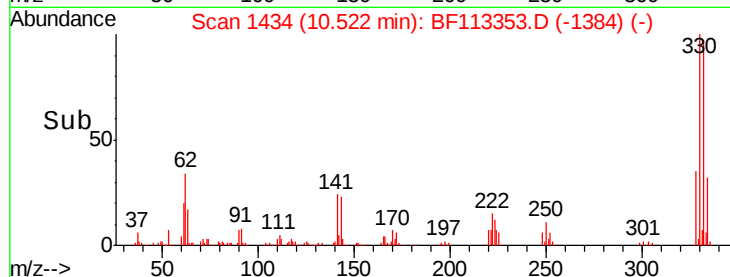


Abundance

Ion 329.80 (329.50 to 330.50): E

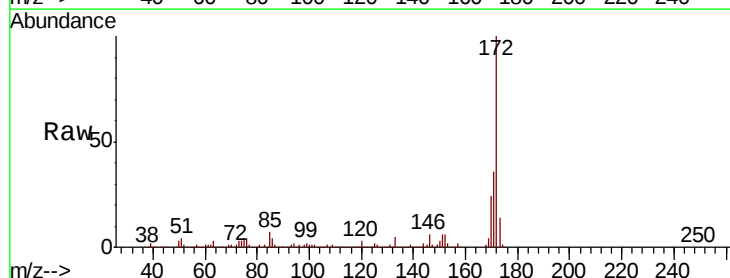
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.616 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.5	19.5	29.3

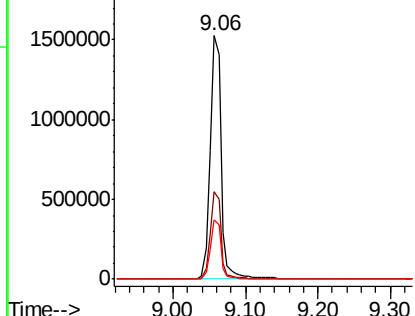
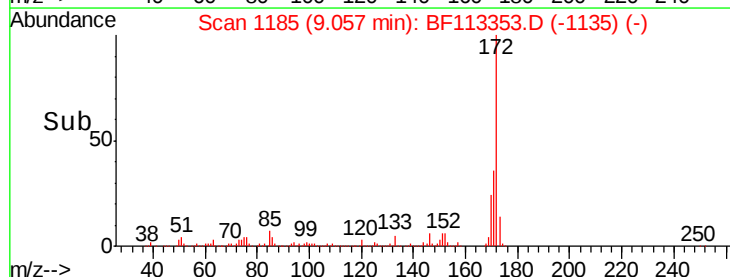


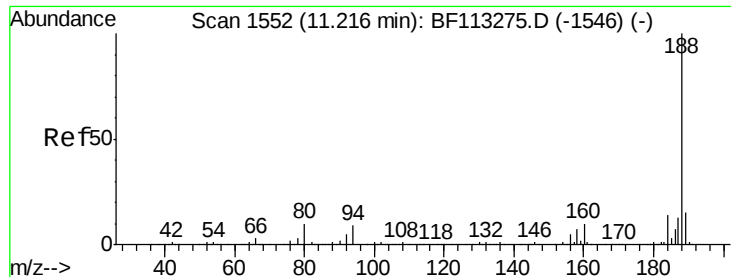
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

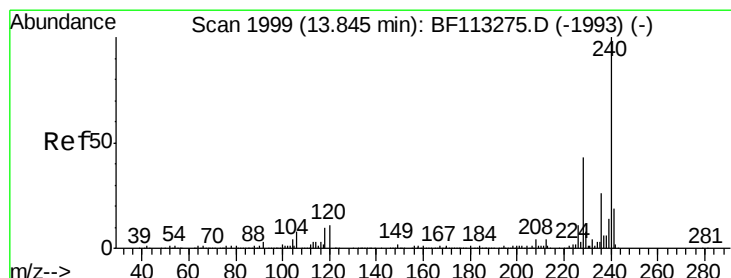
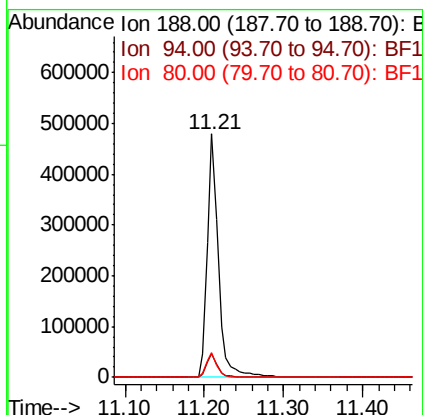
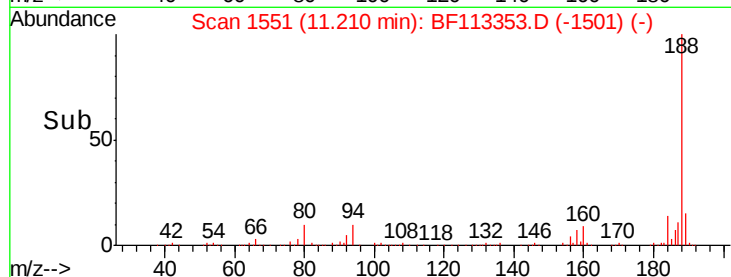
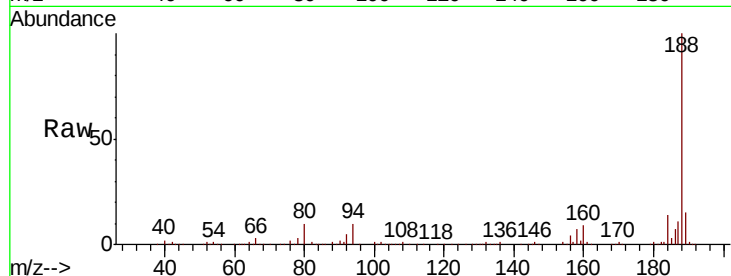




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113353.D
Acq: 28 Mar 2019 3:06

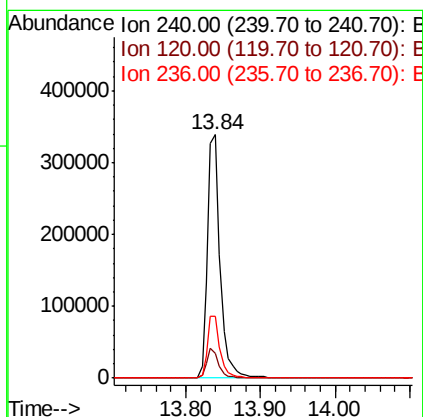
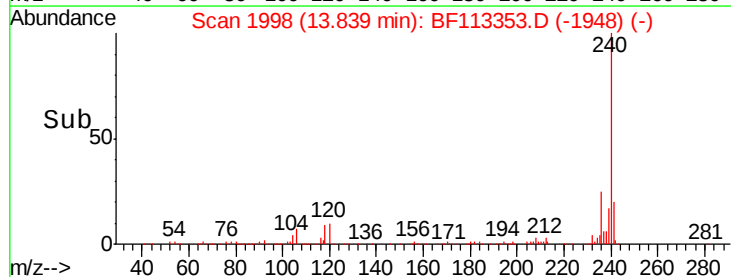
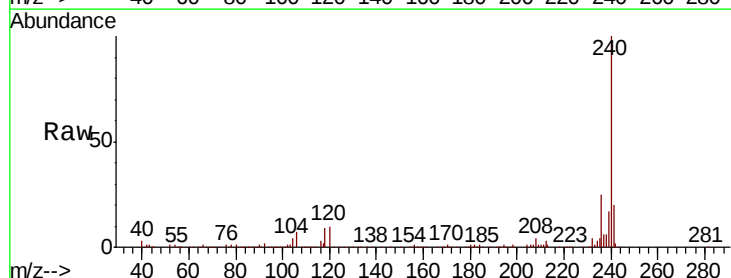
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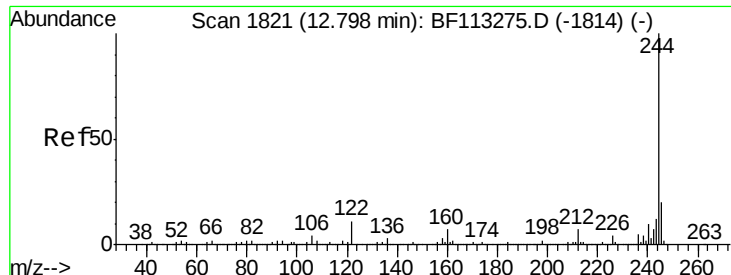
Tot Ion:188 Resp: 471273
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113353.D
Acq: 28 Mar 2019 3:06

Tgt Ion:240 Resp: 400512
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 25.5 20.9 31.3

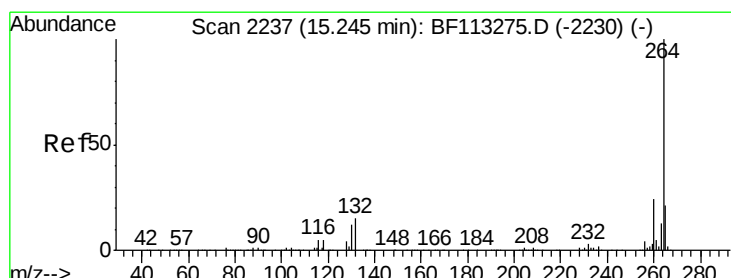
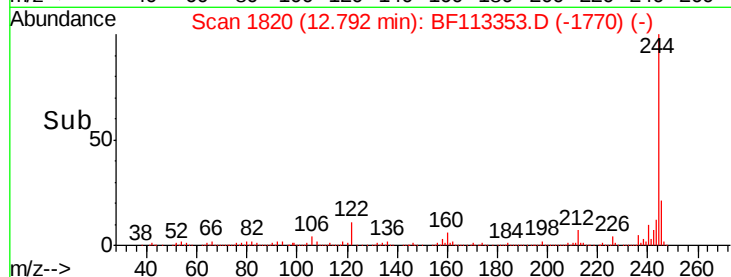
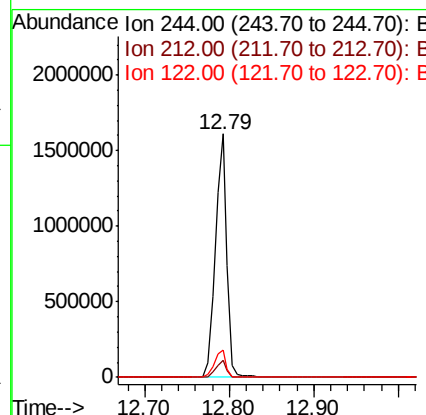
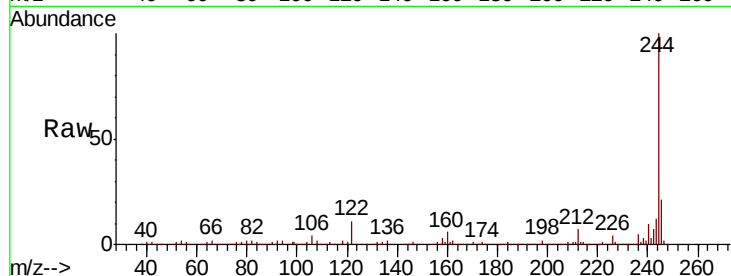




#79
 Terphenyl-d14
 Concen: 85.027 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

Instrument :
 BNA_F
 ClientSampleId :
 CS-13

Tot Ion:244 Resp: 1544993
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.0 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113353.D
 Acq: 28 Mar 2019 3:06

Tgt Ion:264 Resp: 326553
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.8 17.1 25.7

