

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113385.D
 Acq On : 28 Mar 2019 20:32
 Operator : JU/SJ
 Sample : K2111-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5(5-15)COMP

Quant Time: Mar 29 02:53:31 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

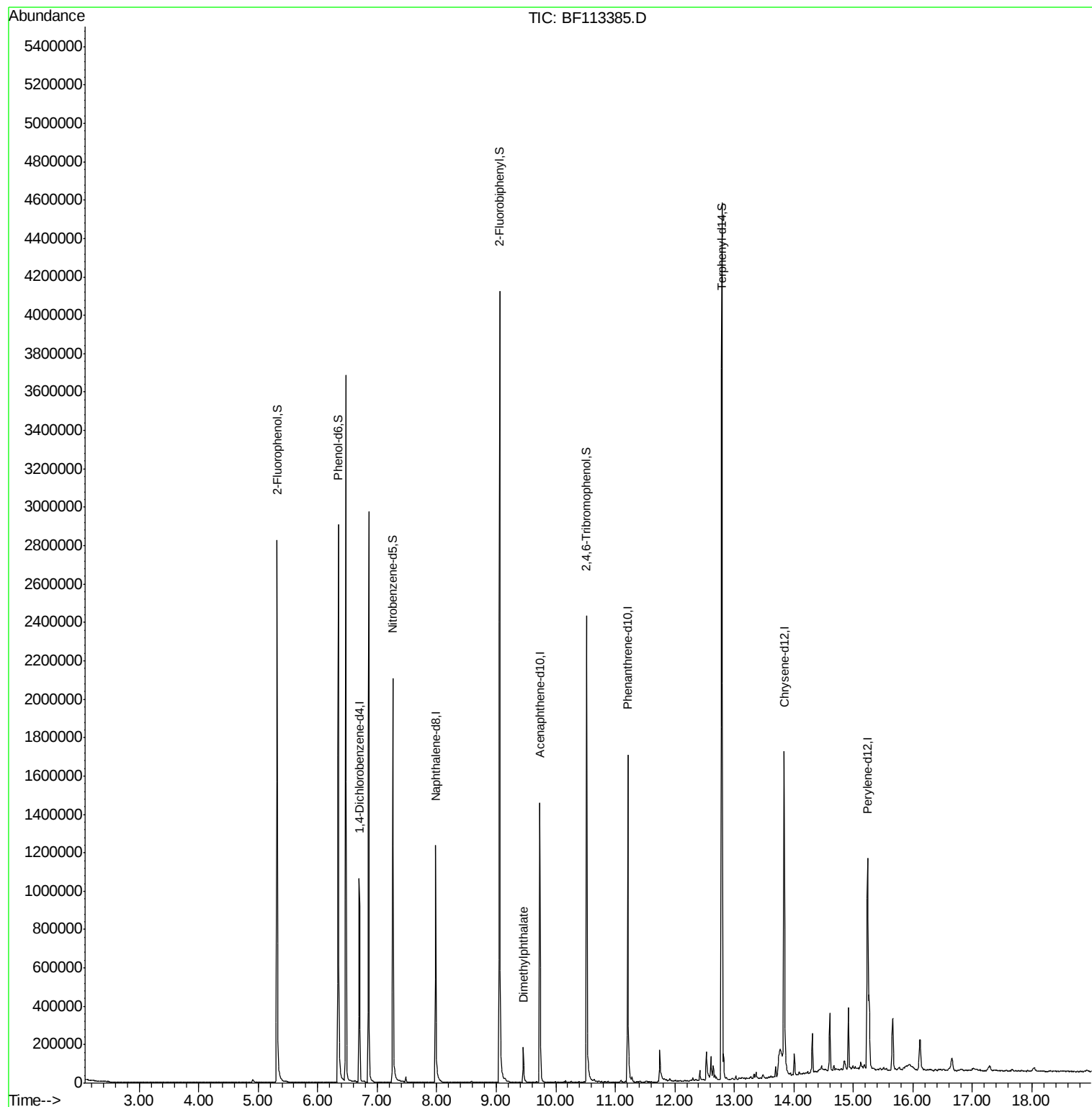
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170677	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	659796	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	325431	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	702136	20.00	ng	0.00
76) Chrysene-d12	13.84	240	665219	20.00	ng	0.00
87) Perylene-d12	15.24	264	545828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	942078	90.25	ng	0.00
7) Phenol-d6	6.35	99	1225639	92.82	ng	0.00
23) Nitrobenzene-d5	7.26	82	751048	67.56	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	391871	97.48	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1446939	65.68	ng	0.00
79) Terphenyl-d14	12.79	244	1754053	58.12	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	104999	4.354	ng	Qvalue 100

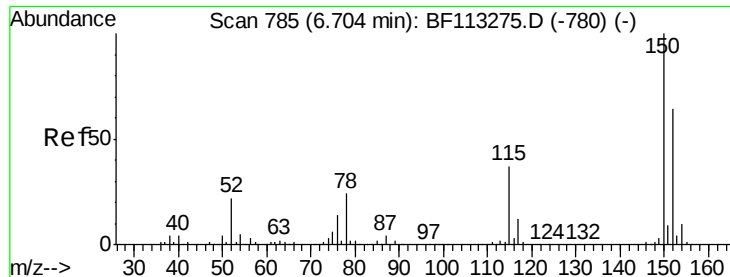
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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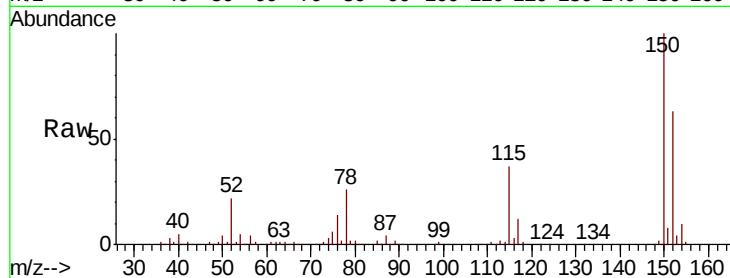


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.7	187.1
115	59.0	46.0	69.0

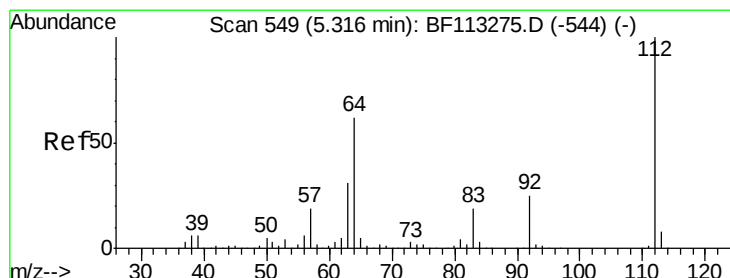
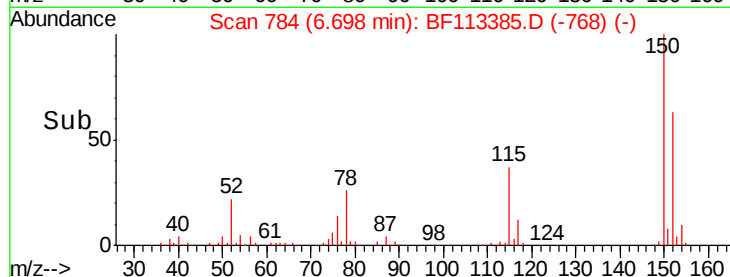
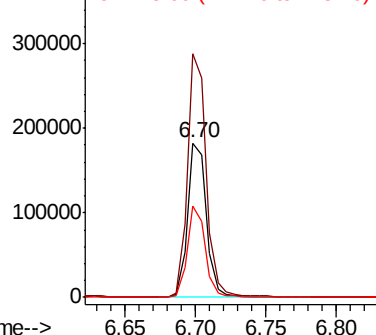


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

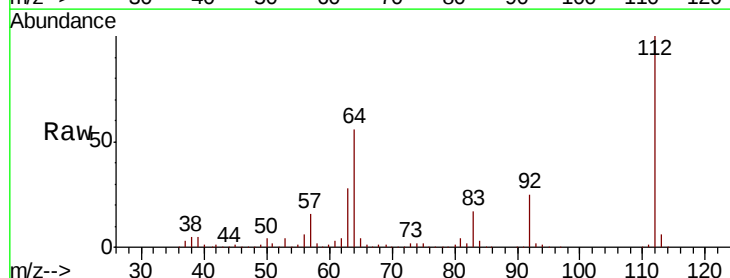
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.253 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	49.2	73.8
63	27.9	24.9	37.3

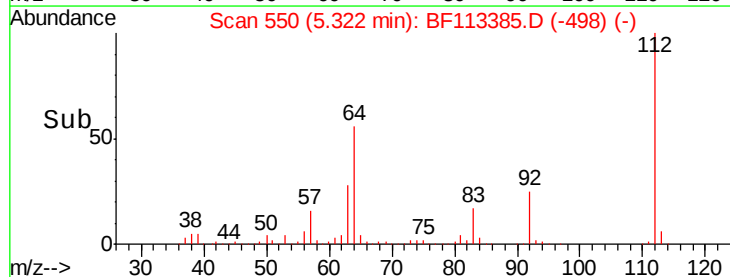
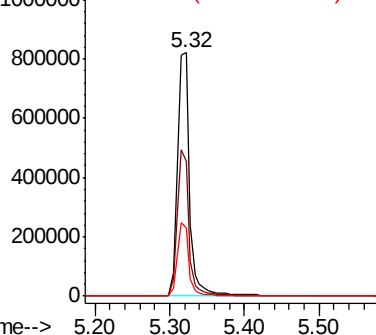


Abundance

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: 92.817 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113385.D

Acq: 28 Mar 2019 20:32

Instrument :

BNA_F

ClientSampleId :

S5(5-15)COMP

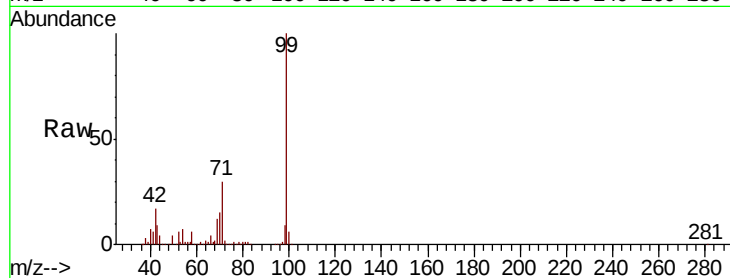
Tot Ion: 99 Resp: 1225639

Ion Ratio Lower Upper

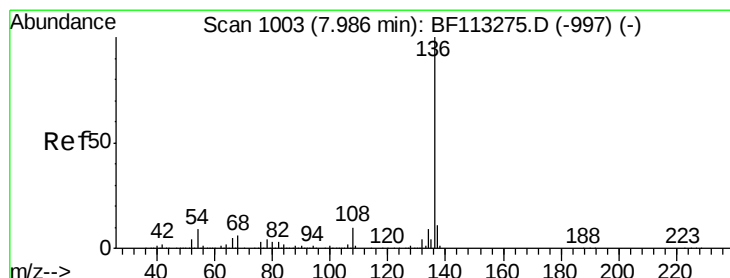
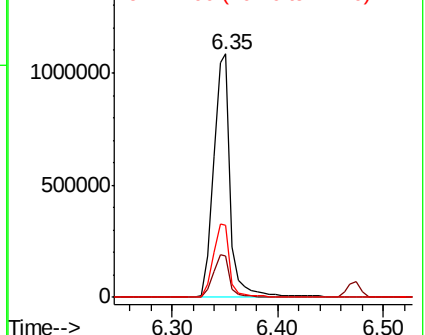
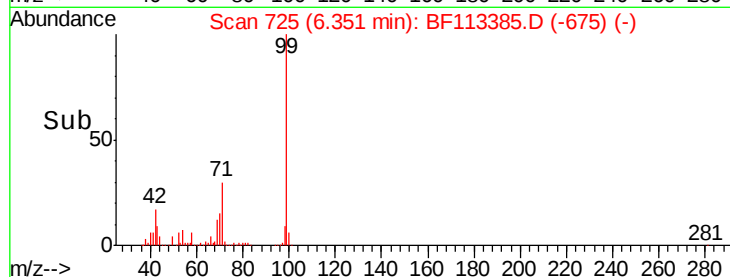
99 100

42 16.9 14.8 22.2

71 29.7 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
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: BF113385.D

Acq: 28 Mar 2019 20:32

Tgt Ion: 136 Resp: 659796

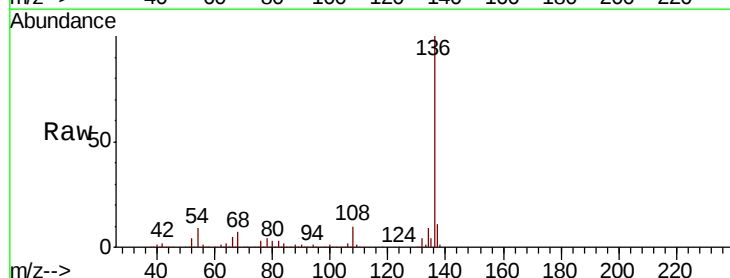
Ion Ratio Lower Upper

136 100

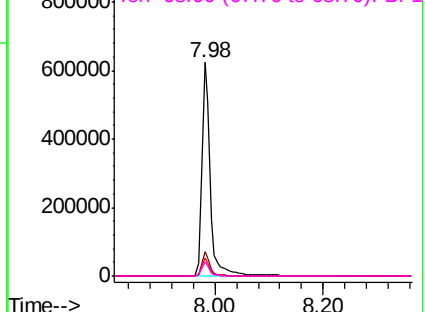
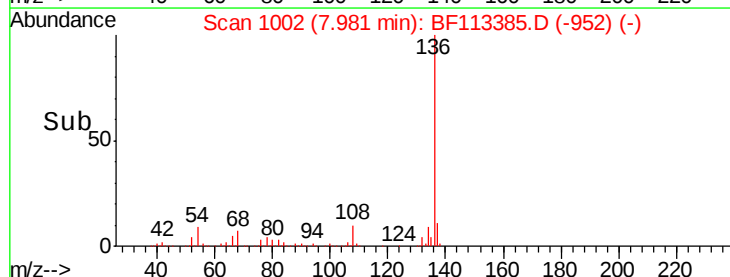
137 11.1 8.9 13.3

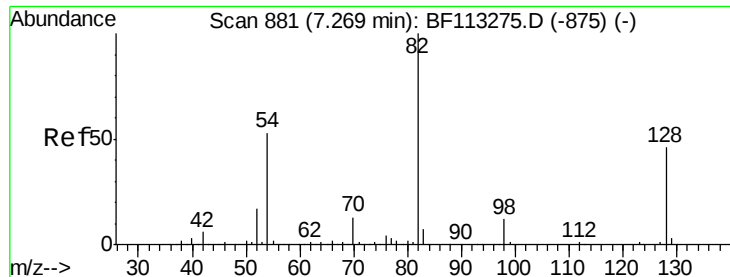
54 8.6 7.0 10.6

68 6.5 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
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

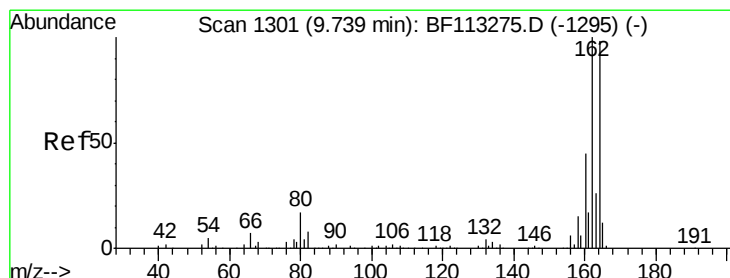
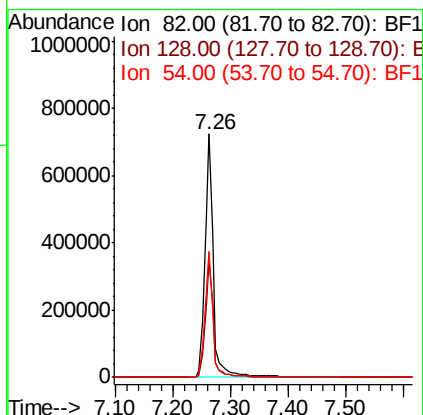
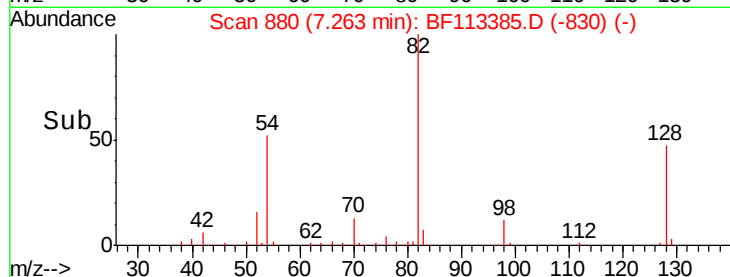
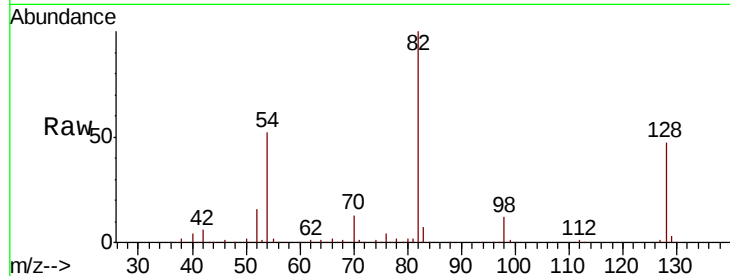




#23
Nitrobenzene-d5
Concen: 67.563 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

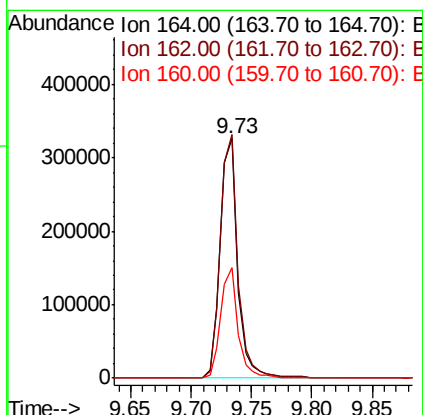
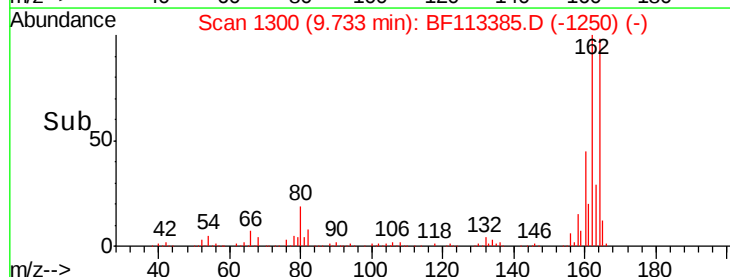
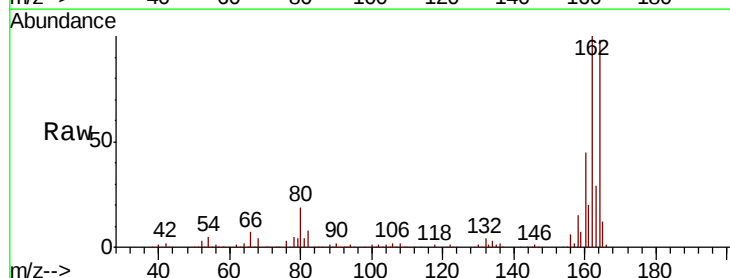
Instrument :
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ClientSampleId :
S5(5-15)COMP

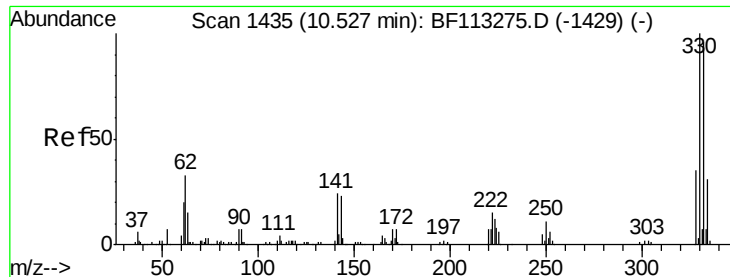
Tot Ion: 82 Resp: 751048
Ion Ratio Lower Upper
82 100
128 47.3 36.5 54.7
54 51.9 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Tgt Ion:164 Resp: 325431
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 45.9 36.4 54.6

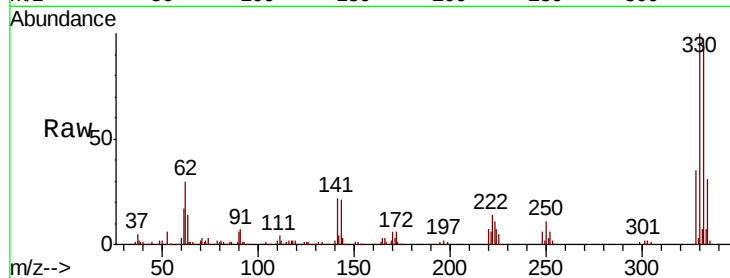




#42
 2,4,6-Tribromophenol
 Concen: 97.485 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113385.D
 Acq: 28 Mar 2019 20:32

Instrument :
 BNA_F
 ClientSampleId :
 S5(5-15)COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	27.0	22.7	34.1

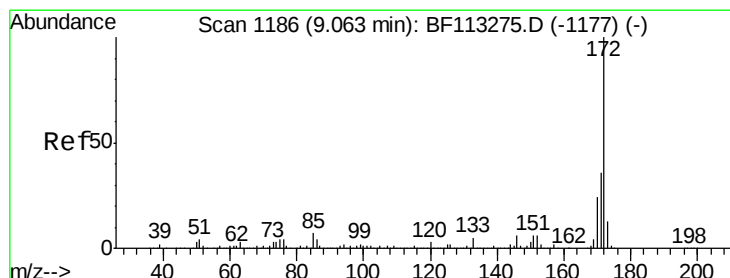
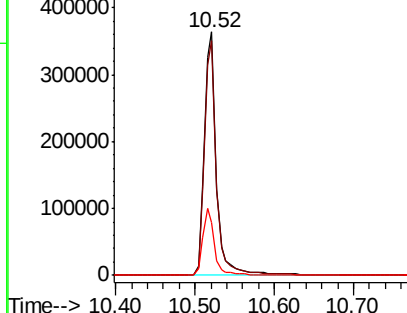
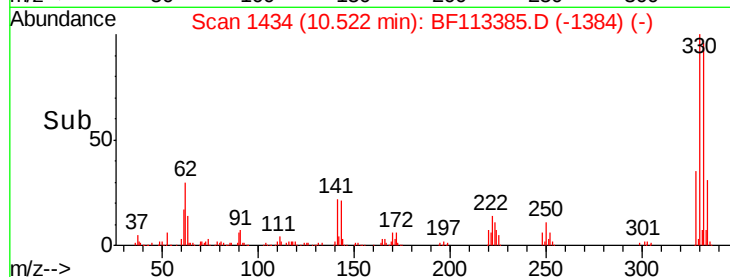


Abundance

Ion 329.80 (329.50 to 330.50): E

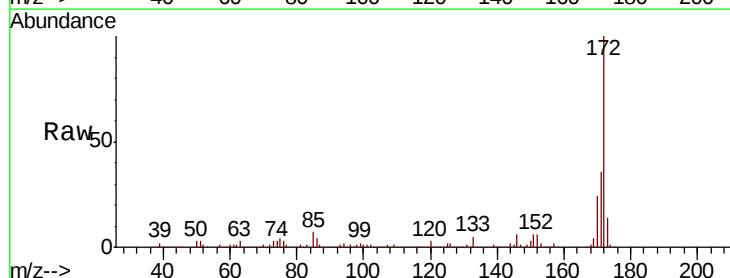
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.679 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113385.D
 Acq: 28 Mar 2019 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.3	19.5	29.3

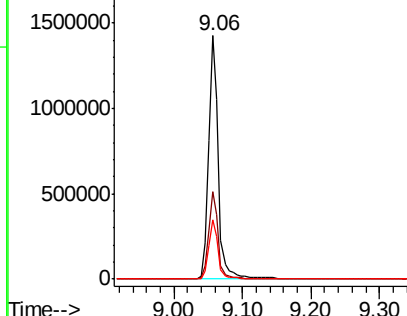
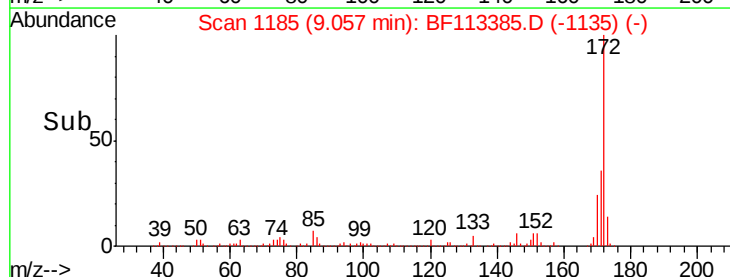


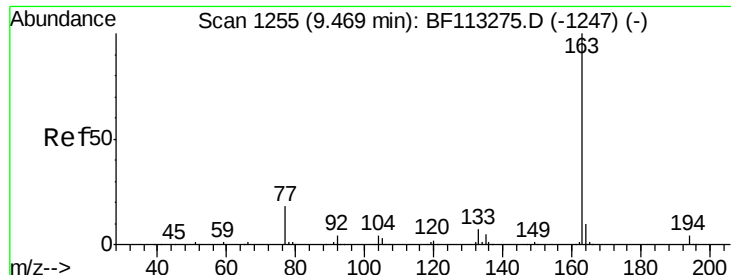
Abundance

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





#50

Dimethylphthalate

Concen: 4.354 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113385.D

Acq: 28 Mar 2019 20:32

Instrument :

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S5(5-15)COMP

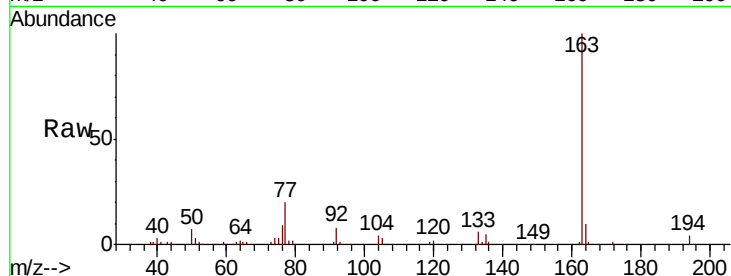
Tot Ion:163 Resp: 104999

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 8.1 12.1

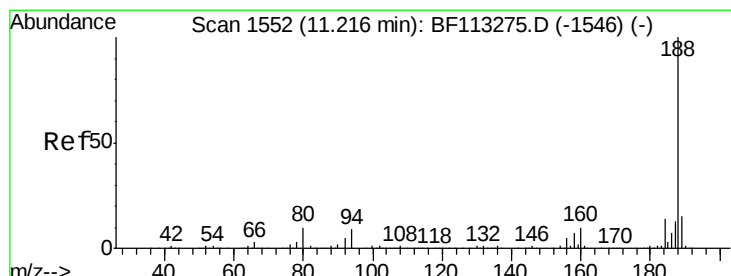
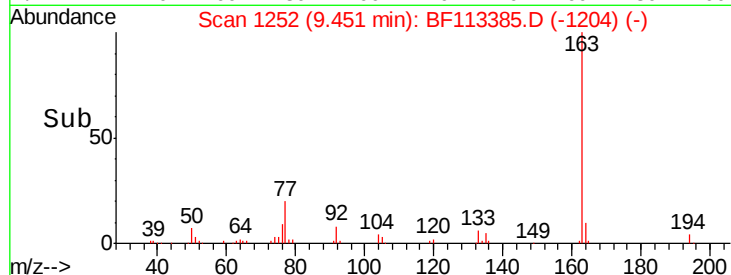
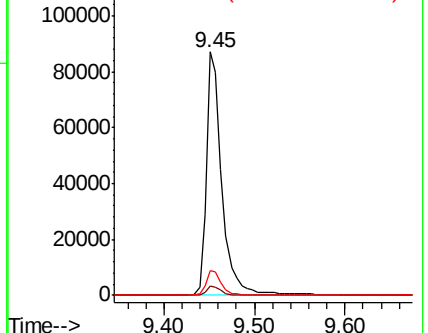


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113385.D

Acq: 28 Mar 2019 20:32

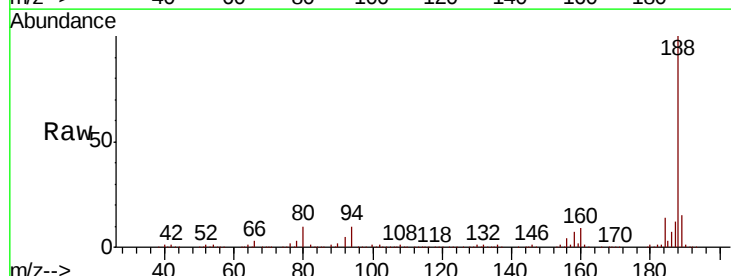
Tgt Ion:188 Resp: 702136

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.0 7.7 11.5

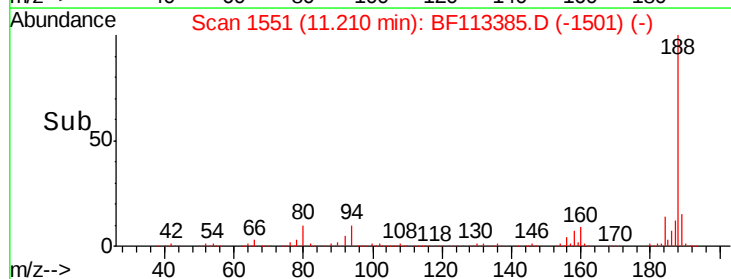
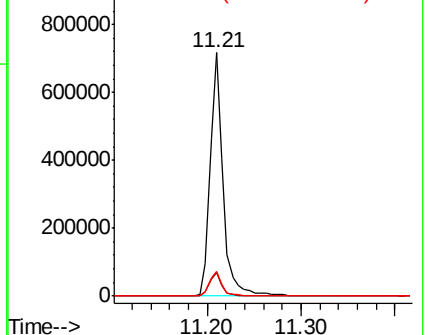


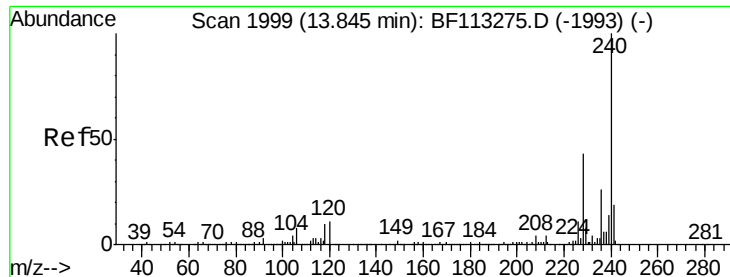
Abundance

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

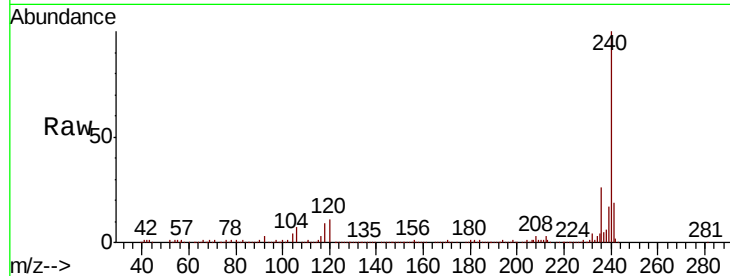




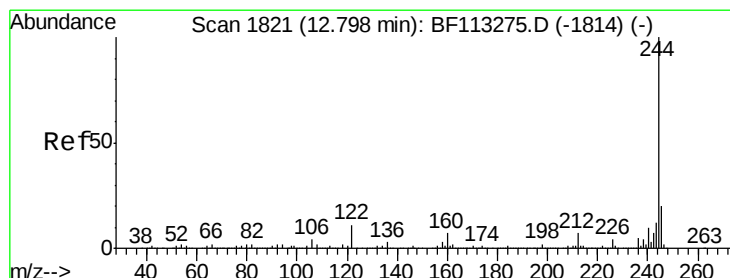
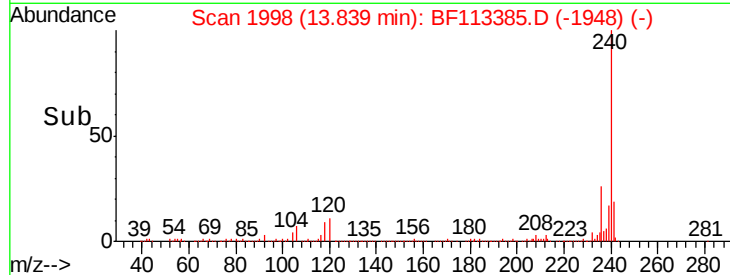
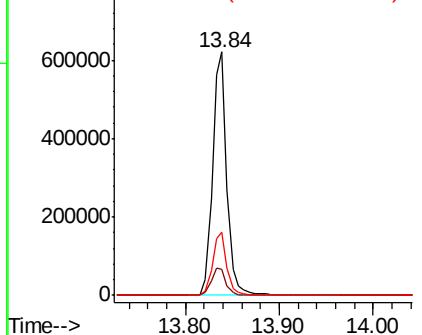
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113385.D
 Acq: 28 Mar 2019 20:32

Instrument :
 BNA_F
 ClientSampleId :
 S5(5-15)COMP

Tot Ion:240 Resp: 665219
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.8 13.2
 236 25.9 20.9 31.3

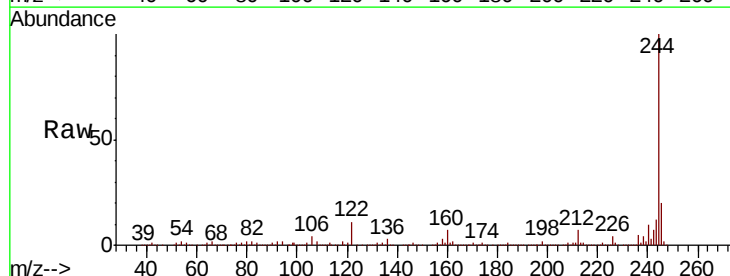


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

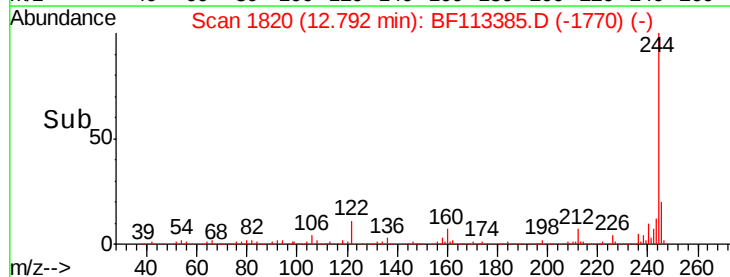
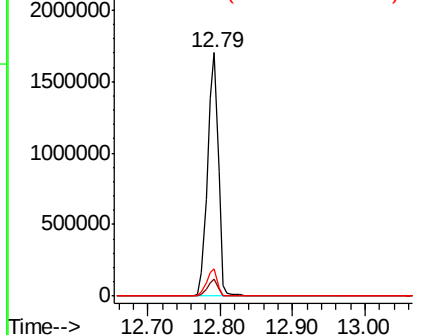


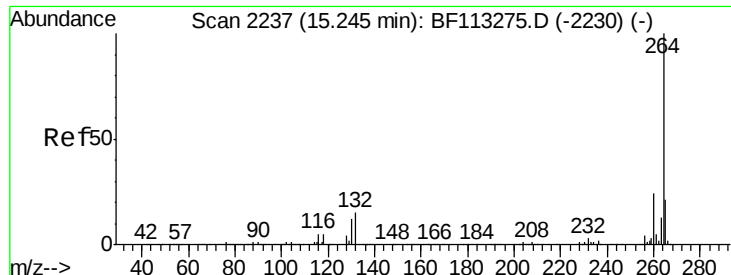
#79
 Terphenyl-d14
 Concen: 58.120 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113385.D
 Acq: 28 Mar 2019 20:32

Tgt Ion:244 Resp: 1754053
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.0 8.6 13.0



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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113385.D
 Acq: 28 Mar 2019 20:32

Instrument :
 BNA_F
 ClientSampleId :
 S5(5-15)COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.5	17.1	25.7

