

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
 Data File : BF113264.D
 Acq On : 24 Mar 2019 13:26
 Operator : JU/SJ
 Sample : K2058-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMP

Quant Time: Mar 25 04:40:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

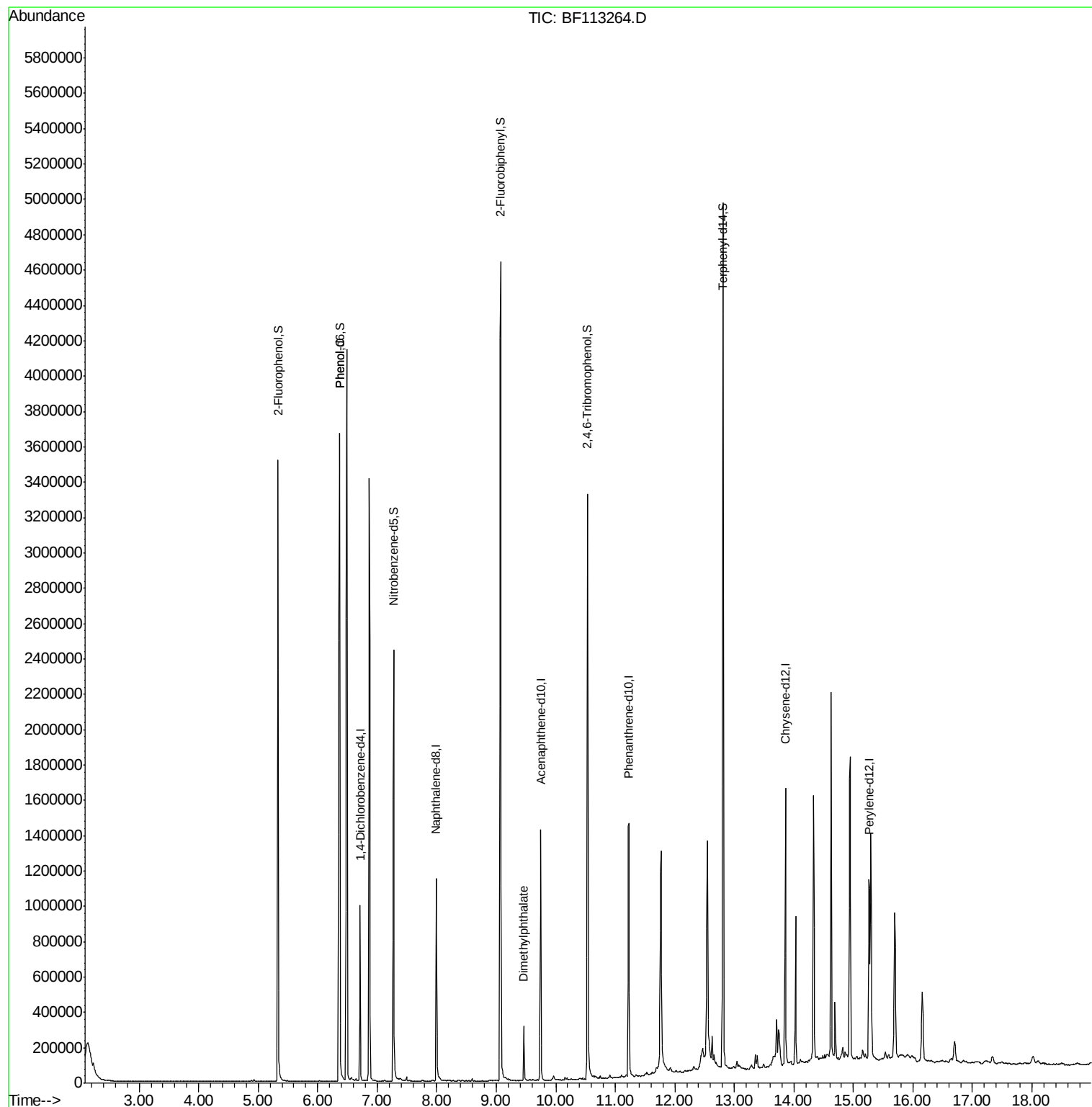
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	150307	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	572918	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	289865	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	620913	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	591339	20.00	ng	-0.01
87) Perylene-d12	15.26	264	493508	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1158278	119.87	ng	-0.01
7) Phenol-d6	6.37	99	1589232	130.93	ng	0.00
23) Nitrobenzene-d5	7.27	82	926085	96.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	541095	175.84	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1646844	98.10	ng	-0.02
79) Terphenyl-d14	12.81	244	2013212	66.00	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	105347	7.438	ng	99
50) Dimethylphthalate	9.46	163	134959	6.314	ng	99

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

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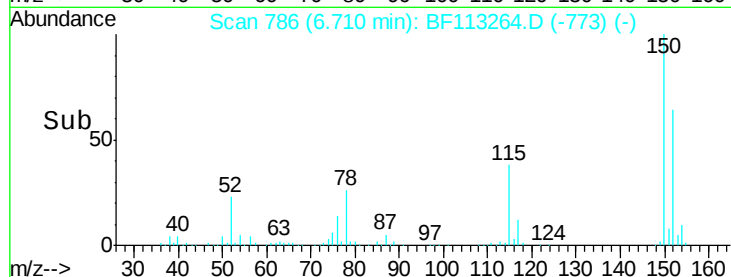
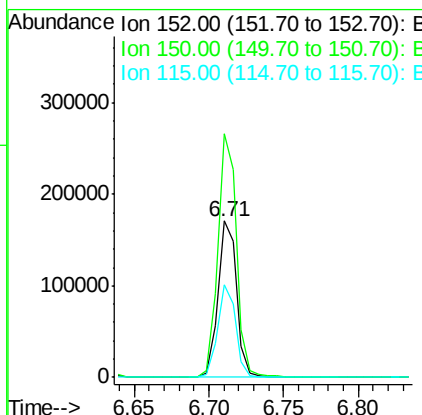
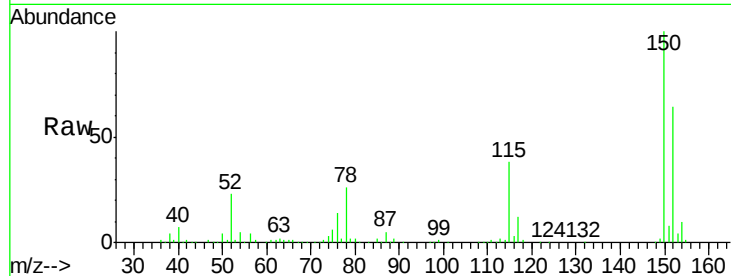


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

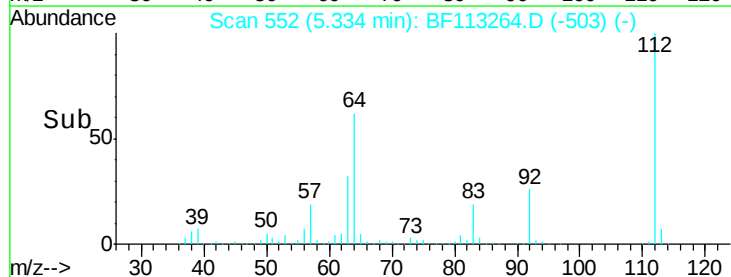
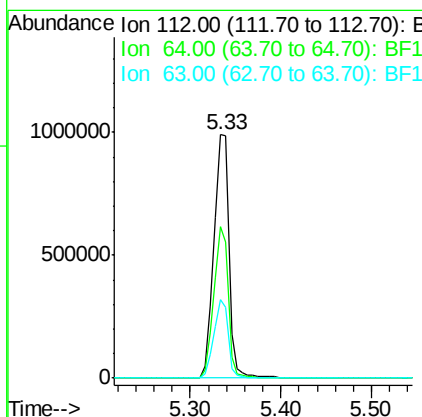
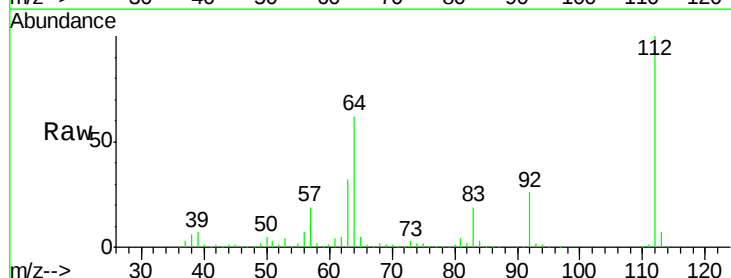
Tot Ion:152 Resp: 150307
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 59.3 48.2 72.4

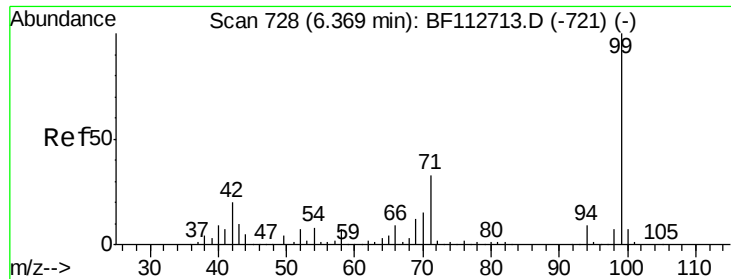


#5

2-Fluorophenol
Concen: 119.871 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion:112 Resp: 1158278
Ion Ratio Lower Upper
112 100
64 62.4 47.6 71.4
63 32.0 24.4 36.6





#7

Phenol-d6

Concen: 130.931 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113264.D

Acq: 24 Mar 2019 13:26

Instrument :

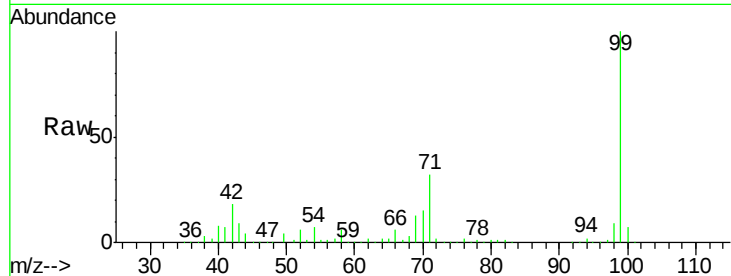
BNA_F

ClientSampleId :

S3B(5-15)COMP

Tot Ion: 99 Resp: 1589232

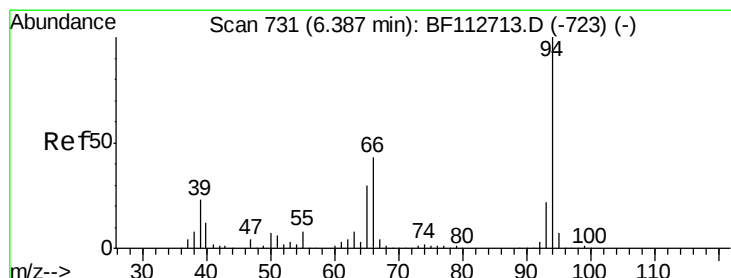
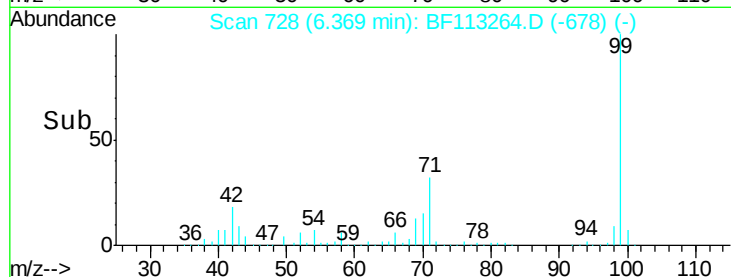
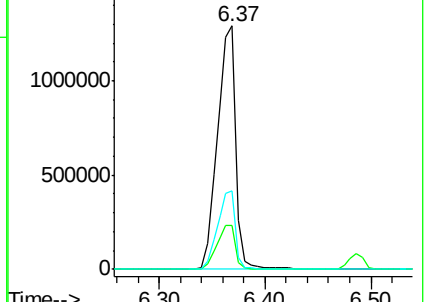
Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.3	24.5
71	32.1	26.2	39.4



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



#10

Phenol

Concen: 7.438 ng

RT: 6.37 min Scan# 729

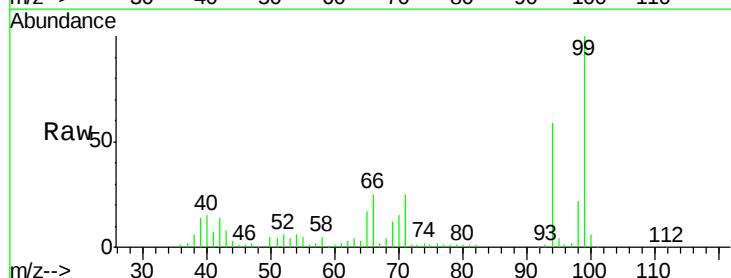
Delta R.T. -0.02 min

Lab File: BF113264.D

Acq: 24 Mar 2019 13:26

Tgt Ion: 94 Resp: 105347

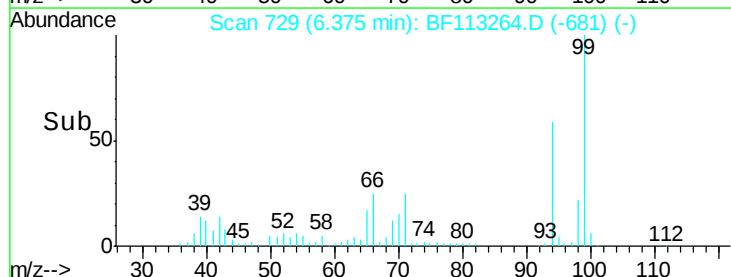
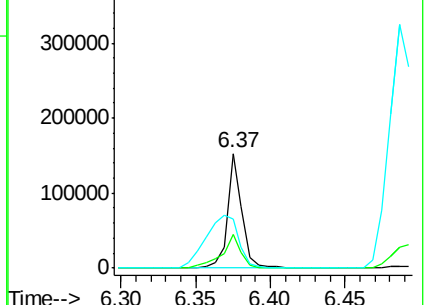
Ion	Ratio	Lower	Upper
94	100		
65	29.1	10.5	50.5
66	42.9	22.6	62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF113264.D

Acq: 24 Mar 2019 13:26

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMP

Tot Ion:136 Resp: 572918

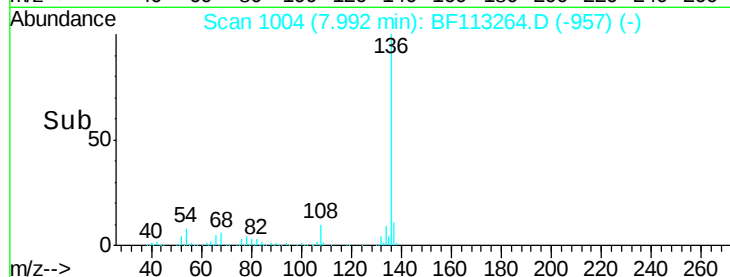
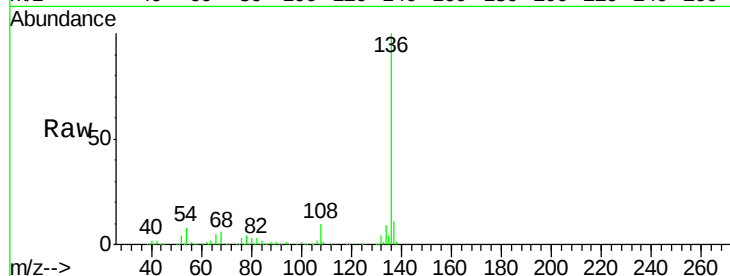
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.3 7.3 10.9

68 6.4 5.4 8.2

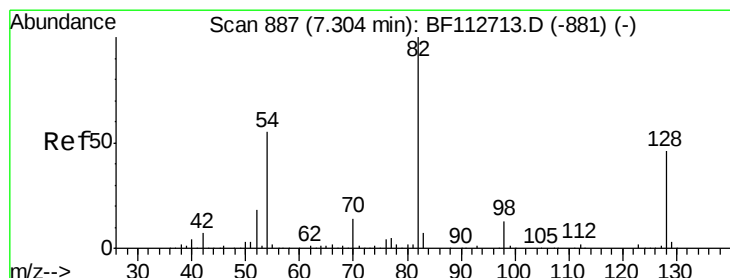
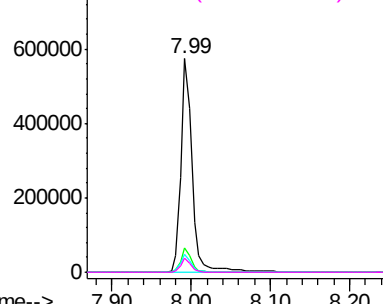


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.724 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF113264.D

Acq: 24 Mar 2019 13:26

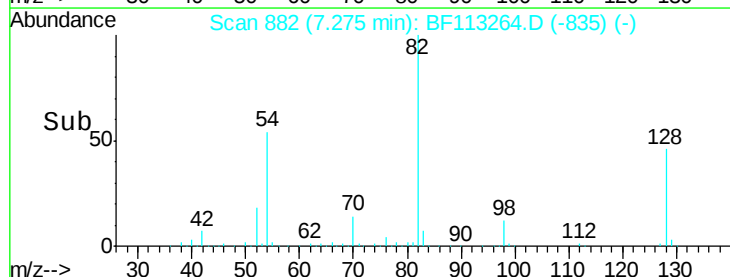
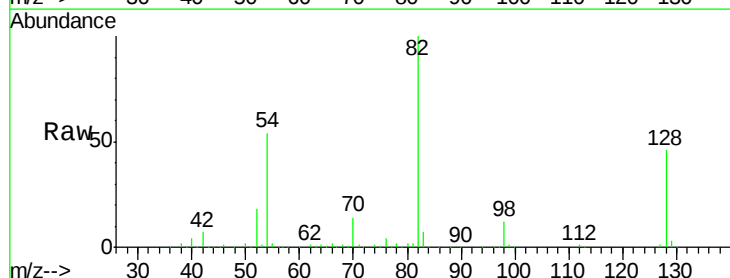
Tgt Ion: 82 Resp: 926085

Ion Ratio Lower Upper

82 100

128 46.4 36.3 54.5

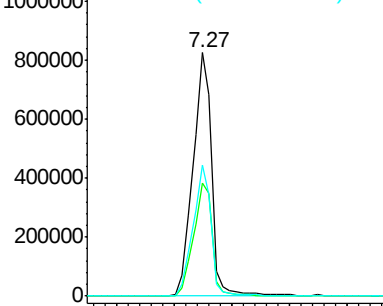
54 53.7 43.7 65.5

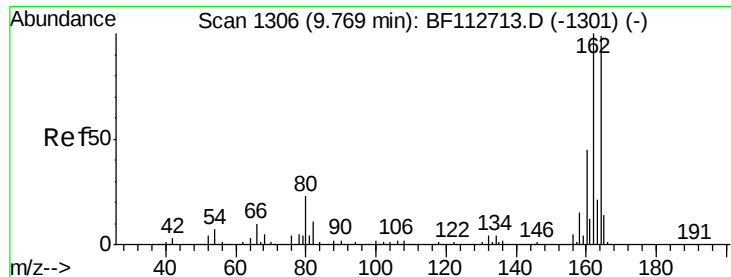


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

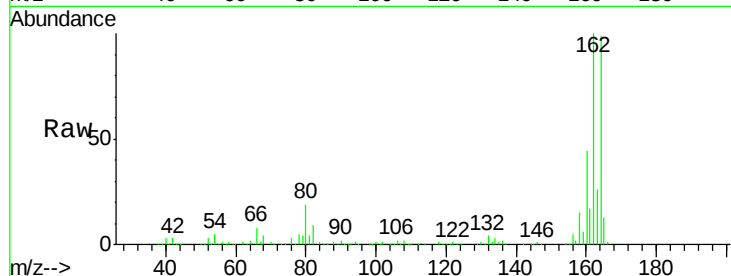




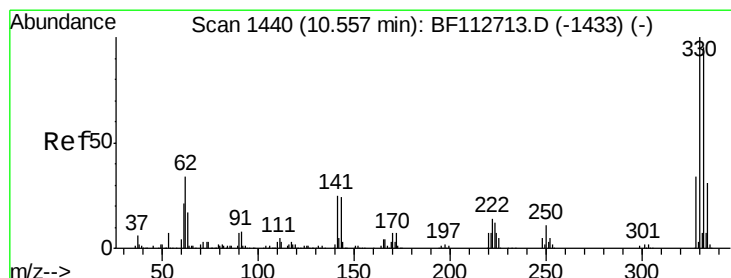
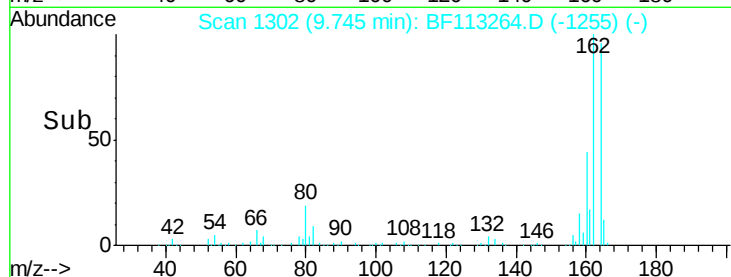
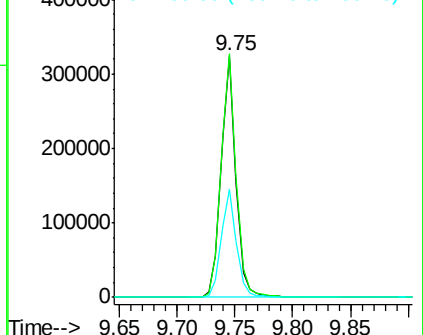
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMP

Tot Ion:164 Resp: 289865
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.6 36.0 54.0

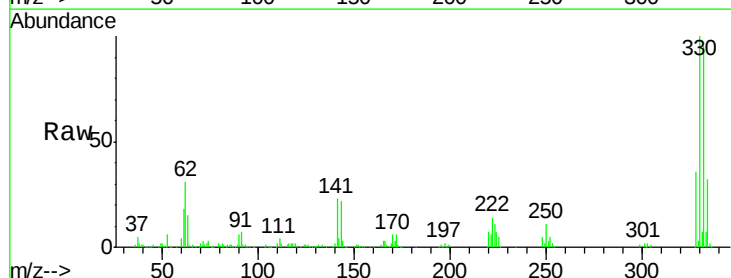


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

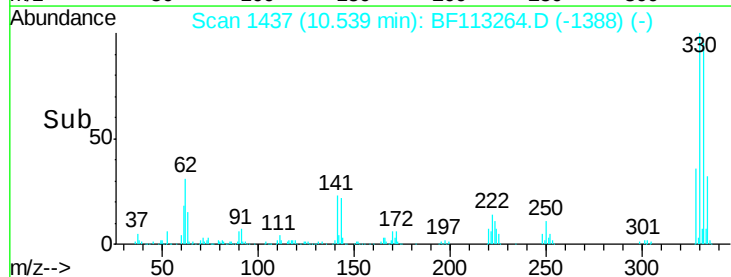
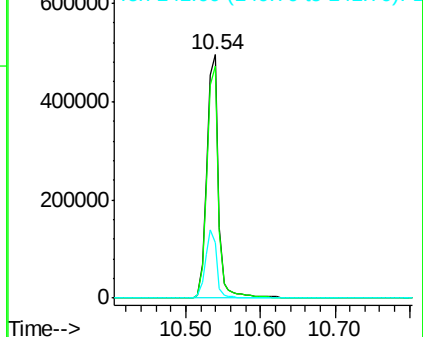


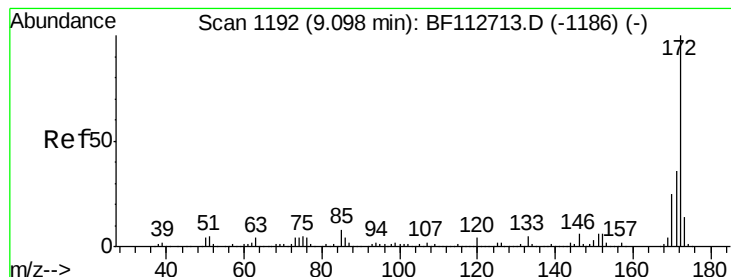
#42
2,4,6-Tribromophenol
Concen: 175.835 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113264.D
Acq: 24 Mar 2019 13:26

Tgt Ion:330 Resp: 541095
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 27.9 27.0 40.6



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: 98.097 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF113264.D

Acq: 24 Mar 2019 13:26

Instrument :

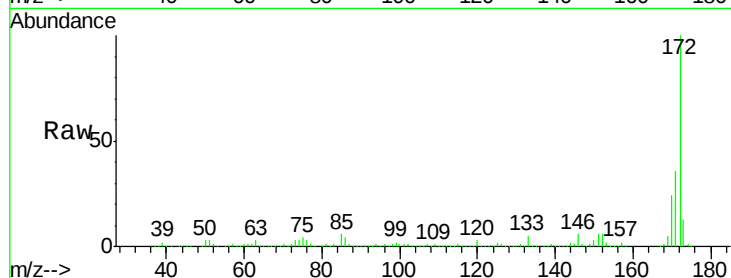
BNA_F

ClientSampleId :

S3B(5-15)COMP

Tot Ion:172 Resp: 1646844

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.4	20.0	30.0

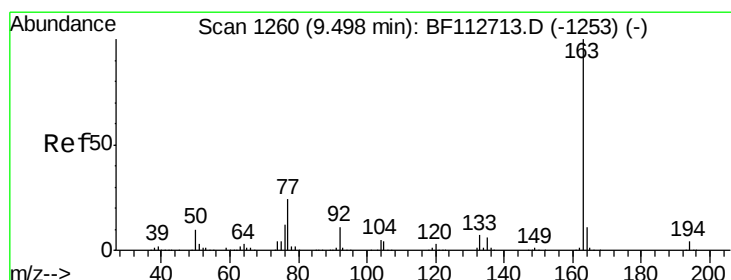
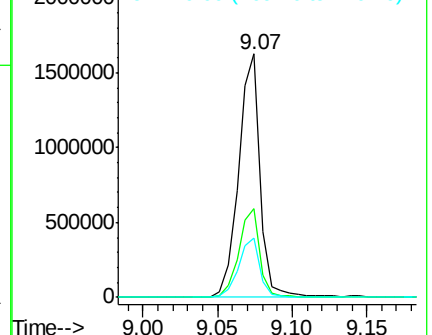
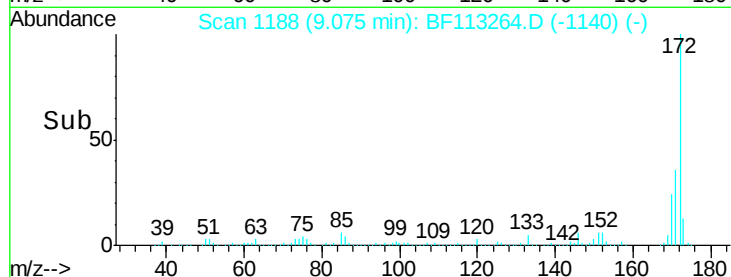


Abundance

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: 6.314 ng

RT: 9.46 min Scan# 1254

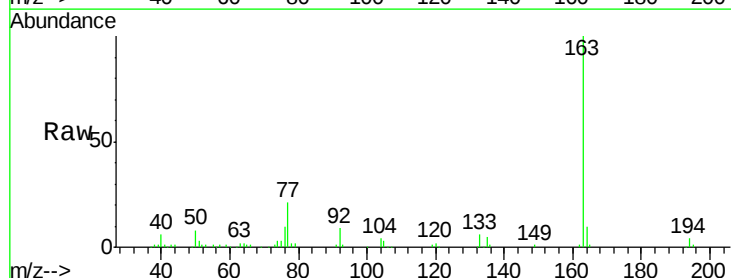
Delta R.T. -0.04 min

Lab File: BF113264.D

Acq: 24 Mar 2019 13:26

Tgt Ion:163 Resp: 134959

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.2	8.4	12.6

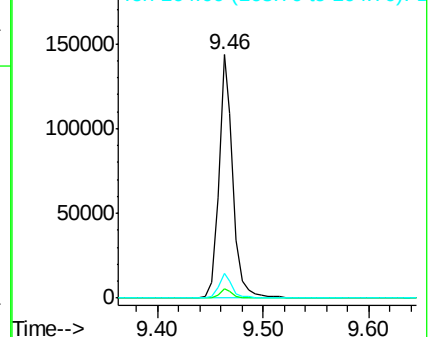
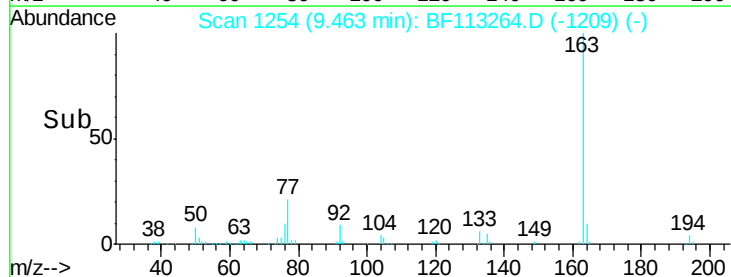


Abundance

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: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF113264.D

Acq: 24 Mar 2019 13:26

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMP

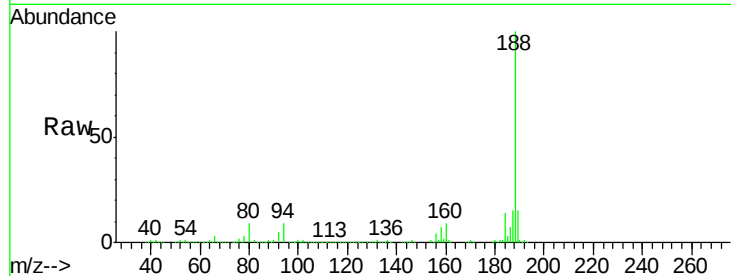
Tot Ion:188 Resp: 620913

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

80 8.8 9.2 13.8#

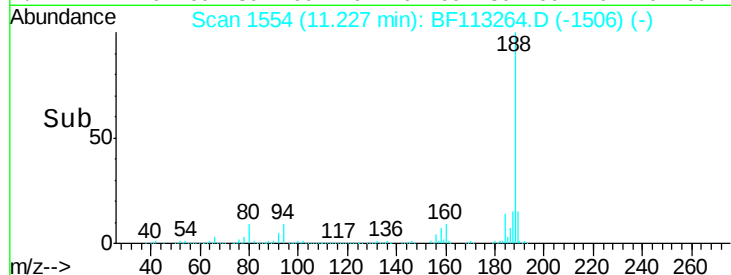


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

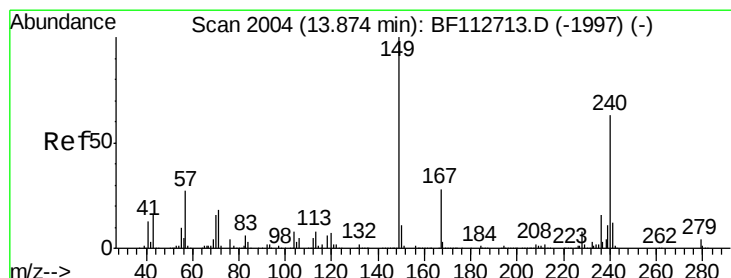
Ion 80.00 (79.70 to 80.70): BF1

Time-->



Abundance

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF113264.D

Acq: 24 Mar 2019 13:26

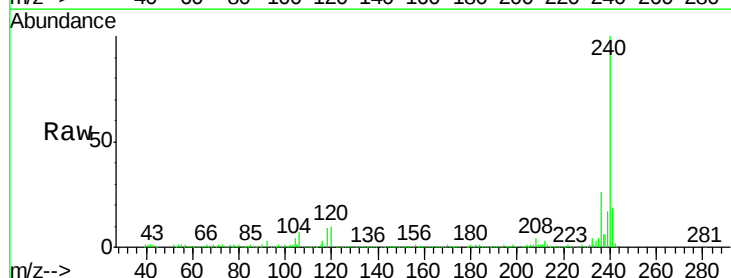
Tgt Ion:240 Resp: 591339

Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 26.4 20.7 31.1

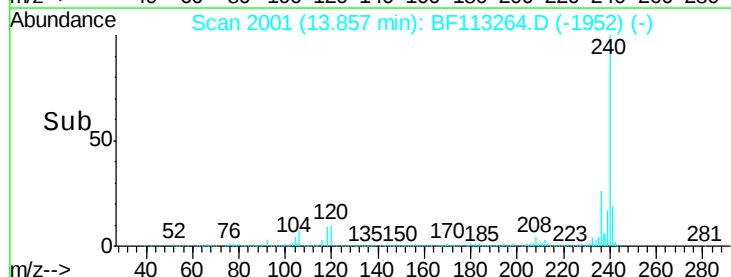


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

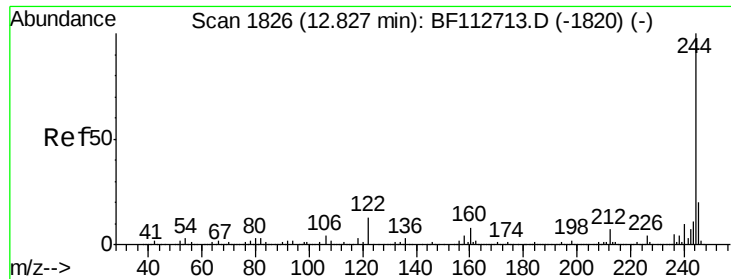
Ion 236.00 (235.70 to 236.70): E

Time-->



Abundance

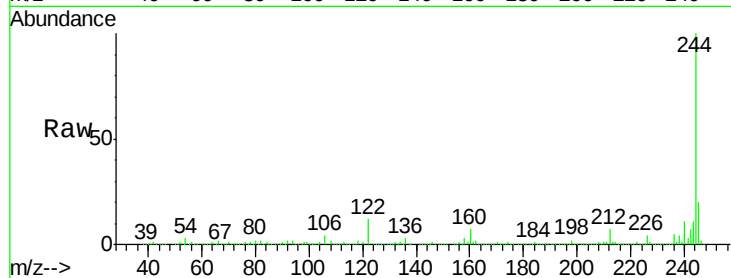
Time-->



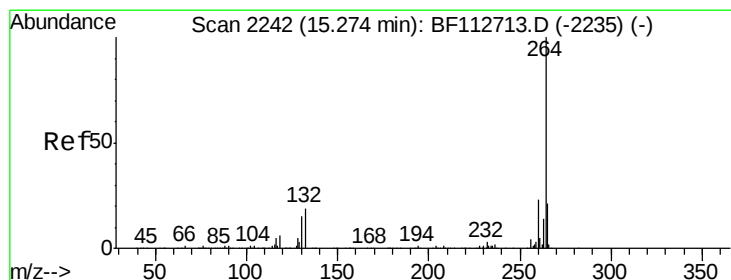
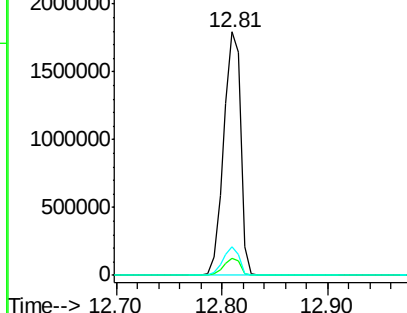
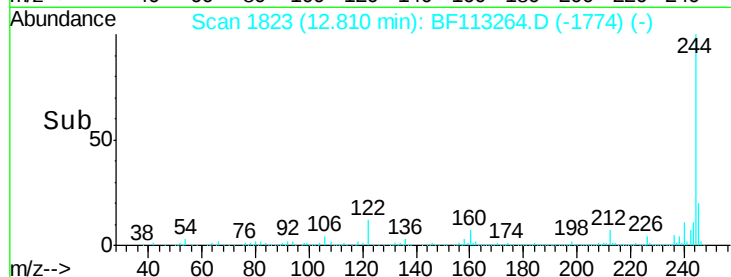
#79
 Terphenyl-d14
 Concen: 65.996 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113264.D
 Acq: 24 Mar 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMP

Tot Ion:244 Resp: 2013212
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.8 10.5 15.7

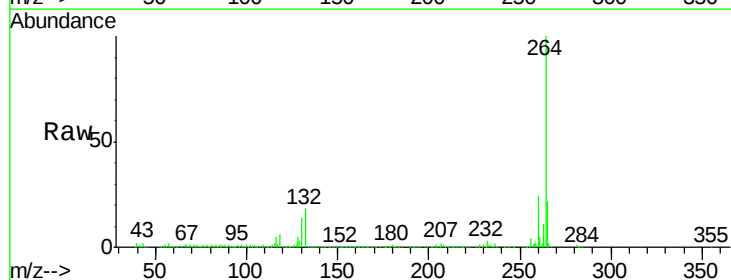


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF113264.D
 Acq: 24 Mar 2019 13:26

Tgt Ion:264 Resp: 493508
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.2 17.2 25.8



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

