

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113398.D
 Acq On : 29 Mar 2019 4:10
 Operator : JU/SJ
 Sample : K2111-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Mar 29 05:37:04 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	168767	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	639631	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	304409	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	571282	20.00	ng	0.00
76) Chrysene-d12	13.84	240	409890	20.00	ng	0.00
87) Perylene-d12	15.24	264	419073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1018413	98.67	ng	0.02
7) Phenol-d6	6.35	99	1163952	89.14	ng	0.00
23) Nitrobenzene-d5	7.27	82	929512	86.25	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	460137	122.37	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1709859	88.83	ng	0.00
79) Terphenyl-d14	12.79	244	1589189	85.46	ng	0.00

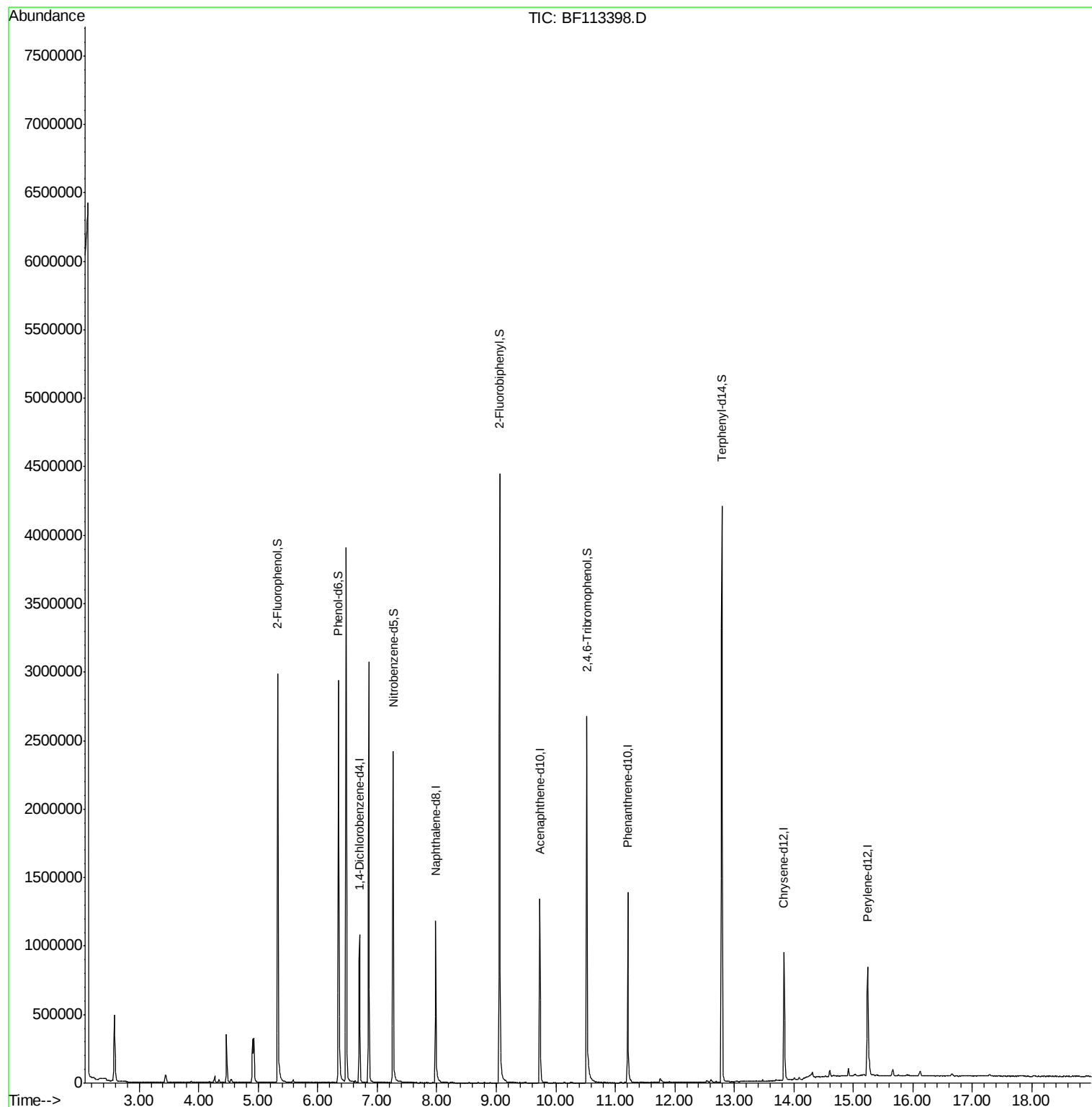
Target Compounds Qvalue

(#) = 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: BF113398.D

Acq: 29 Mar 2019 4:10

Instrument :

BNA_F

ClientSampleId :

S5(5-15)COMP

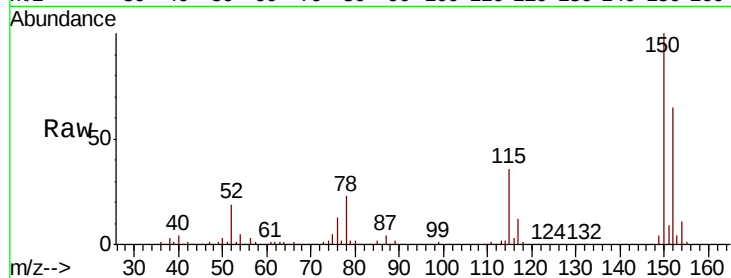
Tot Ion:152 Resp: 168767

Ion Ratio Lower Upper

152 100

150 153.8 124.7 187.1

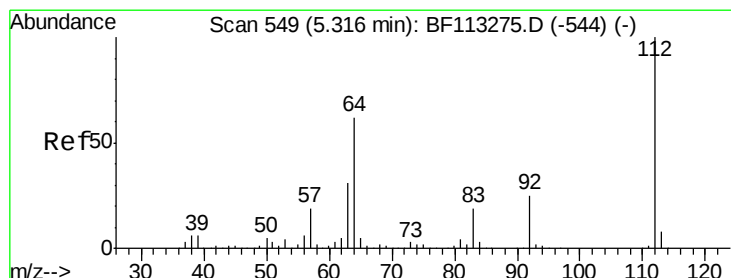
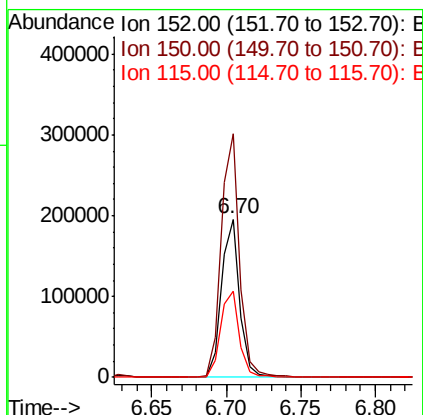
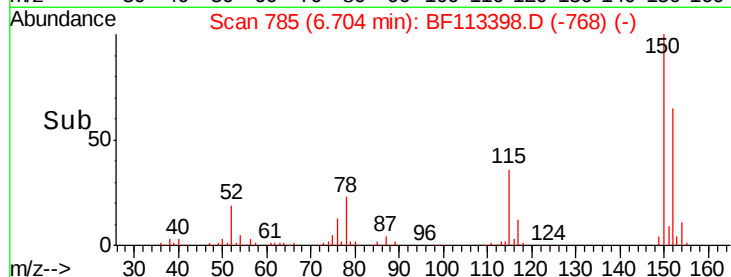
115 54.8 46.0 69.0



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: 98.670 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF113398.D

Acq: 29 Mar 2019 4:10

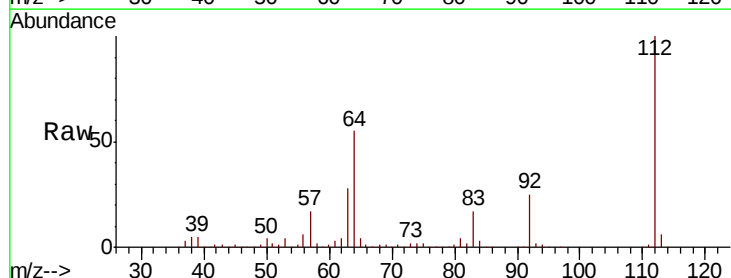
Tgt Ion:112 Resp: 1018413

Ion Ratio Lower Upper

112 100

64 55.4 49.2 73.8

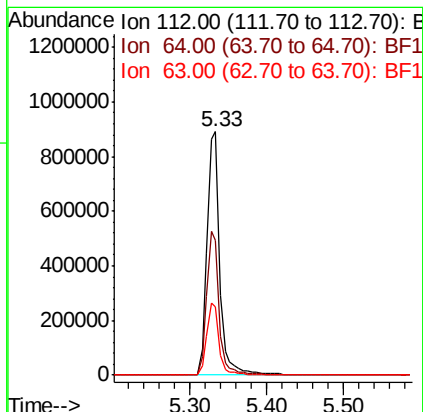
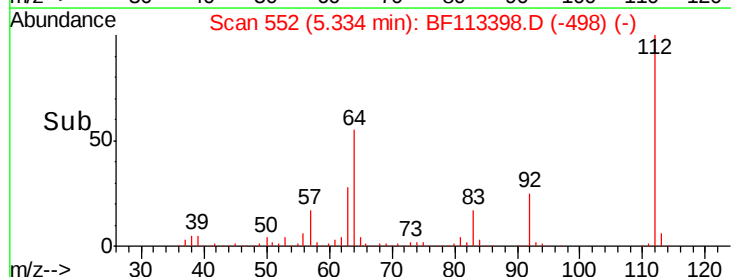
63 28.1 24.9 37.3



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: 89.143 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113398.D

Acq: 29 Mar 2019 4:10

Instrument :

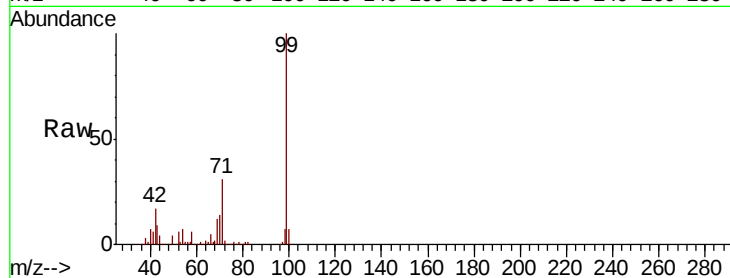
BNA_F

ClientSampleId :

S5(5-15)COMP

Tot Ion: 99 Resp: 1163952

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.8	22.2
71	30.5	24.9	37.3

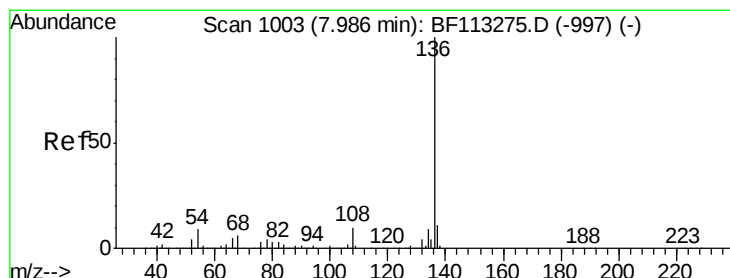
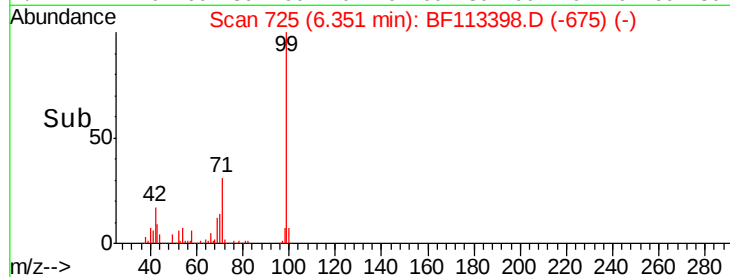
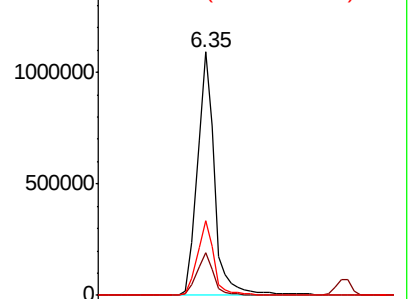


Abundance

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

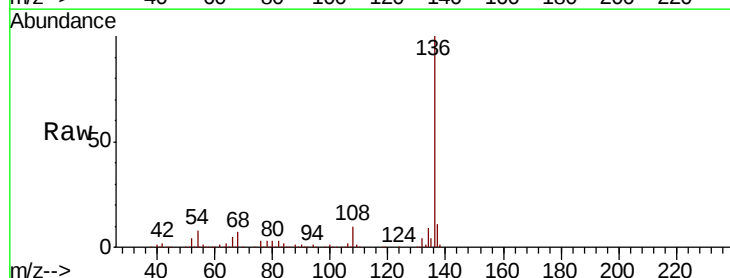
Delta R.T. -0.01 min

Lab File: BF113398.D

Acq: 29 Mar 2019 4:10

Tgt Ion: 136 Resp: 639631

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	7.0	10.6
68	6.6	4.8	7.2



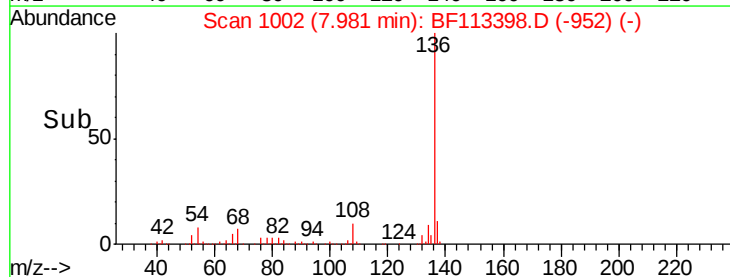
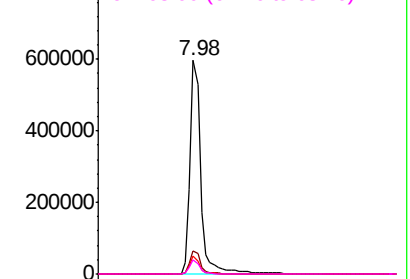
Abundance

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

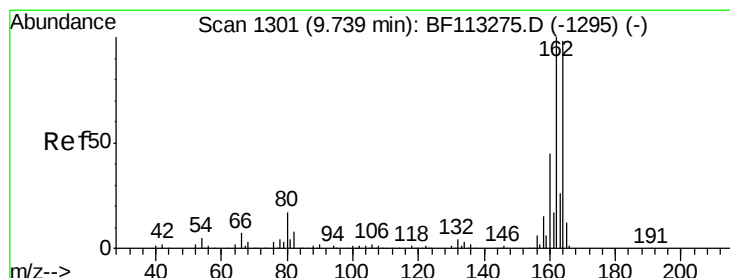
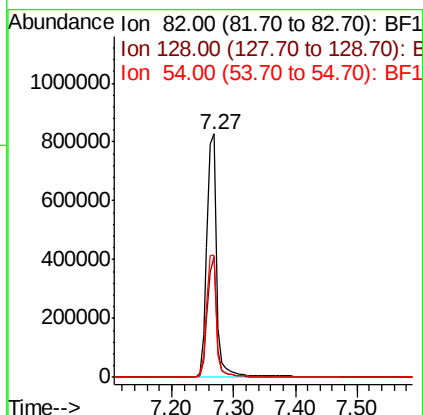
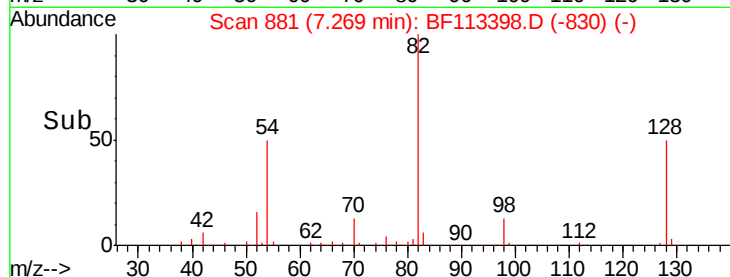
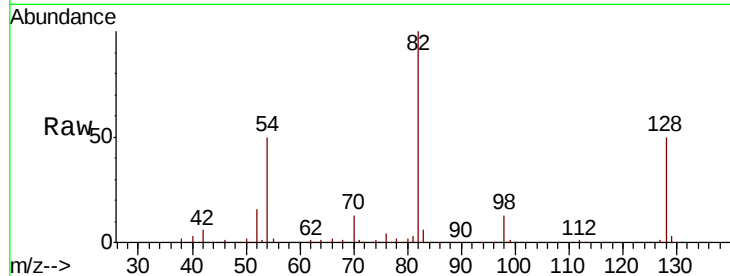




#23
Nitrobenzene-d5
Concen: 86.253 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113398.D
Acq: 29 Mar 2019 4:10

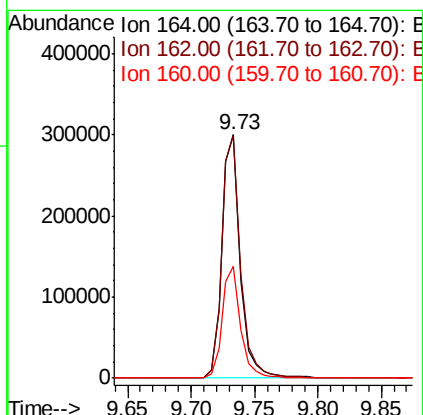
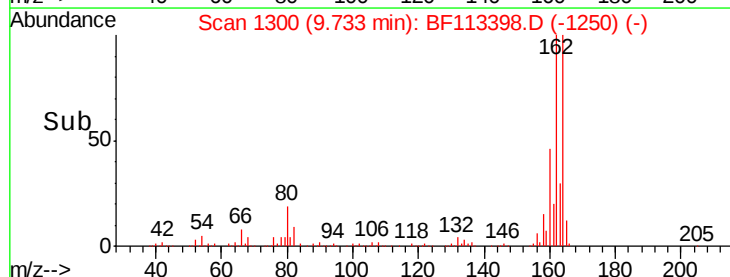
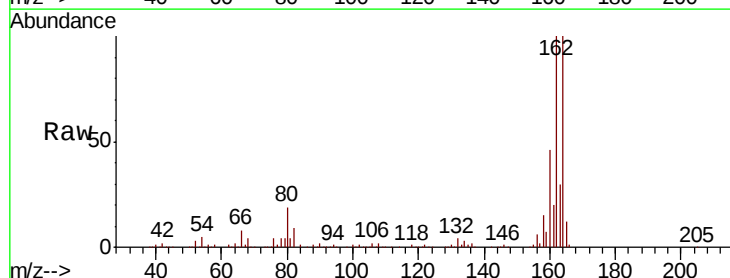
Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

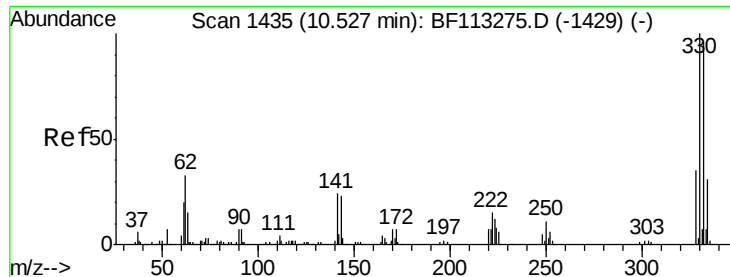
Tot Ion: 82 Resp: 929512
Ion Ratio Lower Upper
82 100
128 49.7 36.5 54.7
54 50.0 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113398.D
Acq: 29 Mar 2019 4:10

Tgt Ion:164 Resp: 304409
Ion Ratio Lower Upper
164 100
162 99.6 81.8 122.6
160 46.1 36.4 54.6

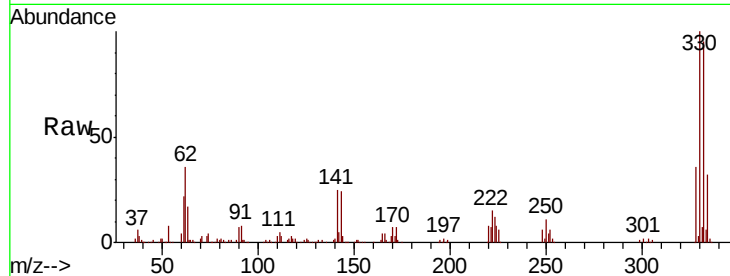




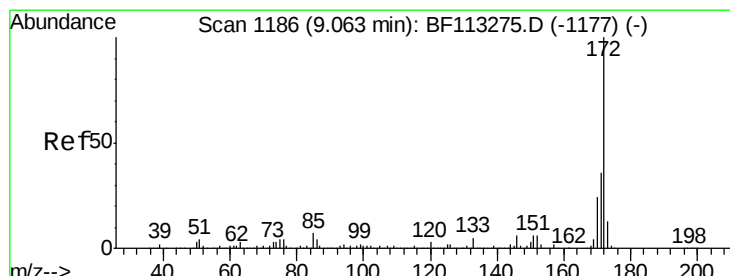
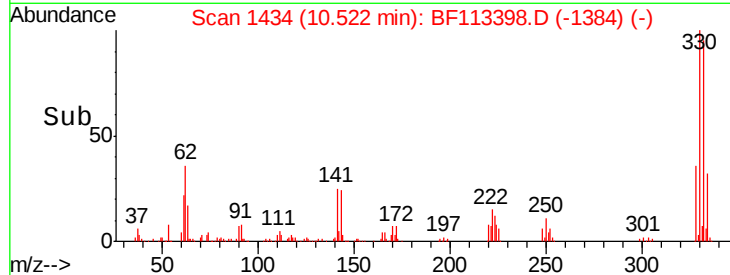
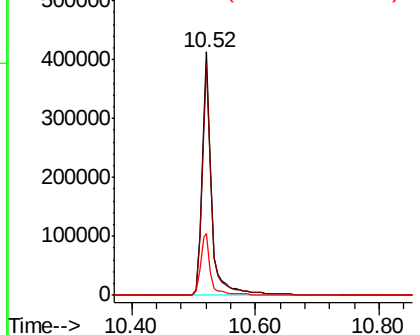
#42
 2,4,6-Tribromophenol
 Concen: 122.372 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113398.D
 Acq: 29 Mar 2019 4:10

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.8	116.6
141	27.2	22.7	34.1

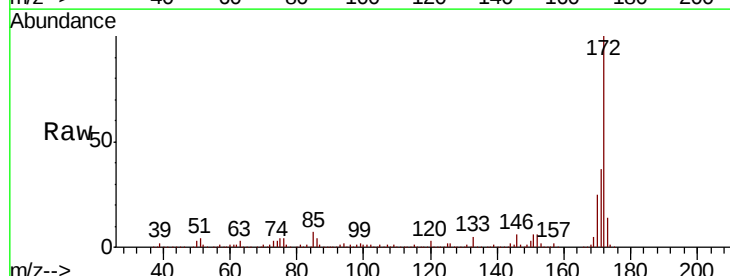


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

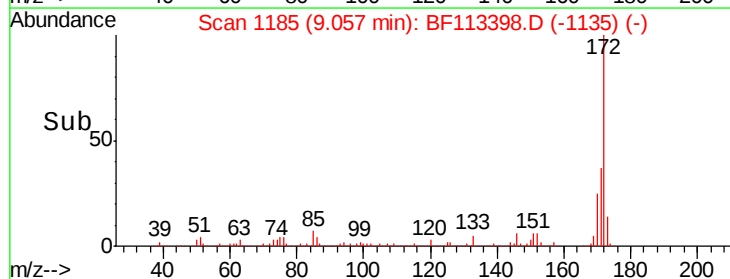
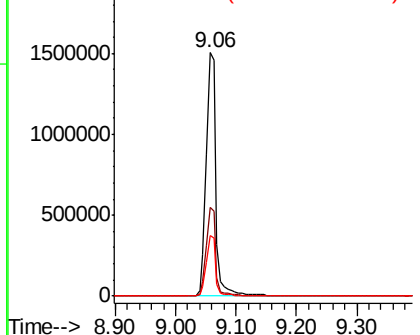


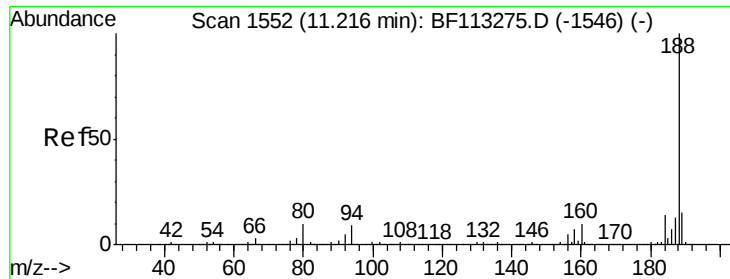
#45
 2-Fluorobiphenyl
 Concen: 88.834 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113398.D
 Acq: 29 Mar 2019 4:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.8	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

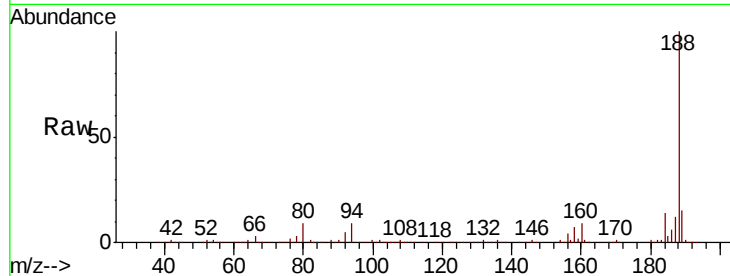




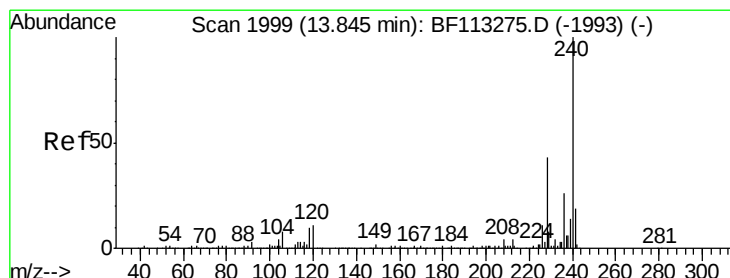
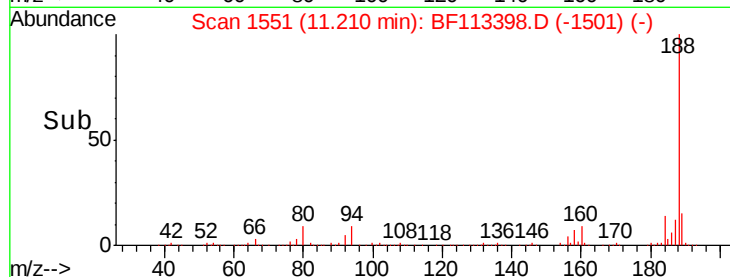
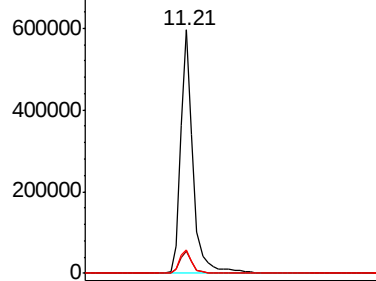
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113398.D
Acq: 29 Mar 2019 4:10

Instrument :
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ClientSampleId :
S5(5-15)COMP

Tot Ion:188 Resp: 571282
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.4 7.7 11.5

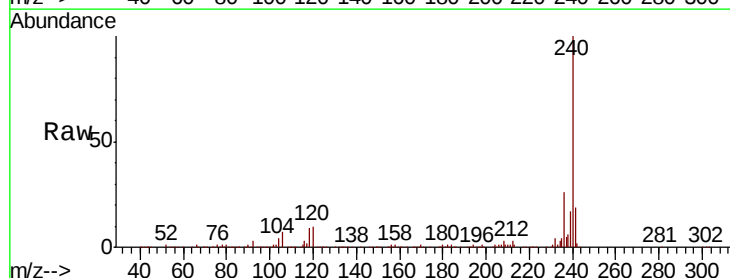


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

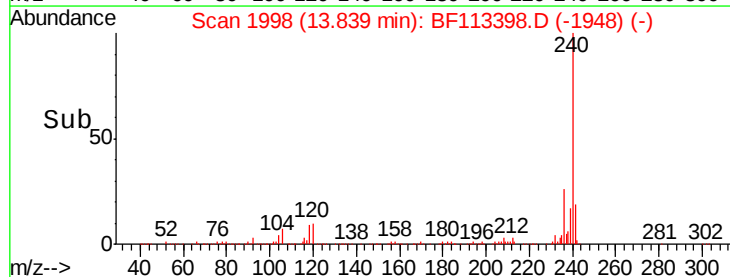
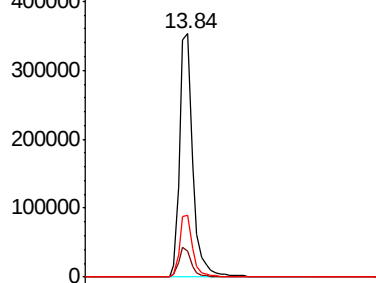


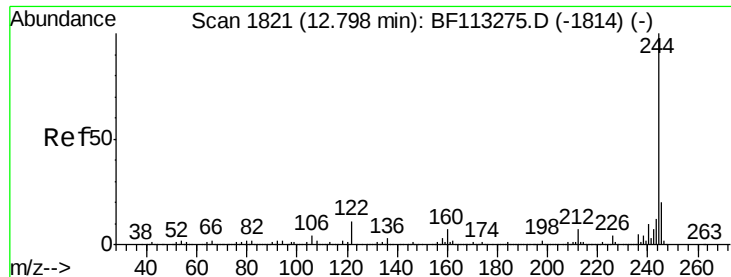
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113398.D
Acq: 29 Mar 2019 4:10

Tgt Ion:240 Resp: 409890
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.6 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: 85.458 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113398.D

Acq: 29 Mar 2019 4:10

Instrument :

BNA_F

ClientSampleId :

S5(5-15)COMP

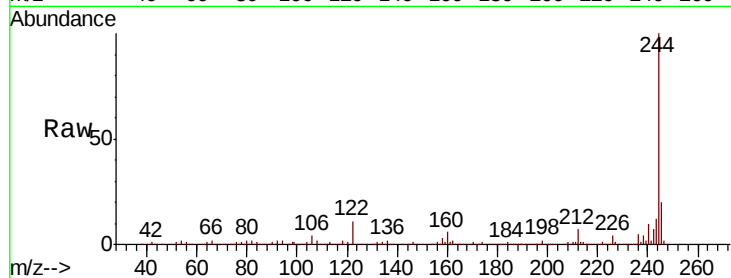
Tot Ion:244 Resp: 1589189

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

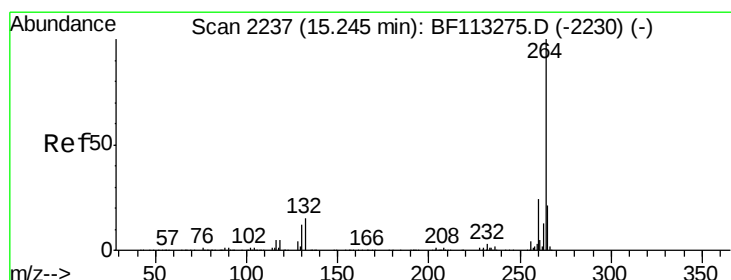
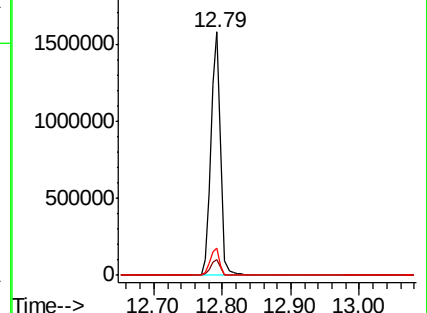
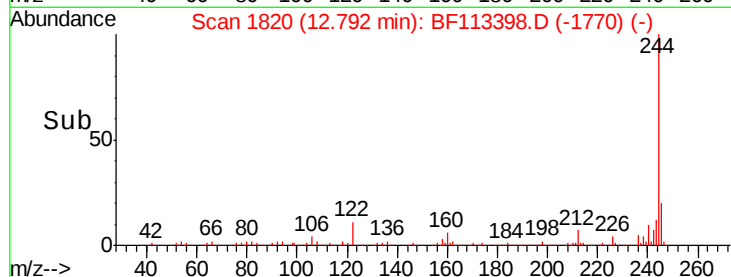
122 11.1 8.6 13.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113398.D

Acq: 29 Mar 2019 4:10

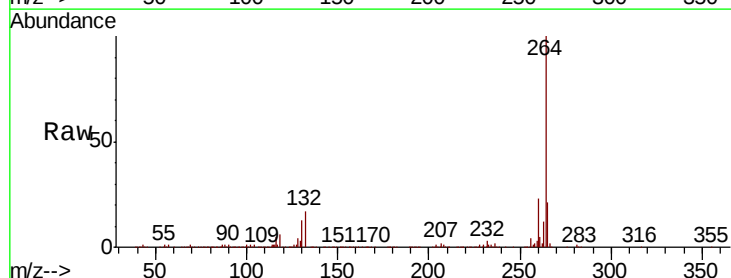
Tgt Ion:264 Resp: 419073

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.4 17.1 25.7



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

