

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113321.D
 Acq On : 27 Mar 2019 5:41
 Operator : JU/SJ
 Sample : K2091-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Quant Time: Mar 27 08:44:32 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	157391	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	545843	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	213906	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	399968	20.00	ng	0.00
76) Chrysene-d12	13.84	240	409527	20.00	ng	0.00
87) Perylene-d12	15.24	264	313437	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	184711	19.19	ng	0.00
7) Phenol-d6	6.35	99	271049	22.26	ng	-0.01
23) Nitrobenzene-d5	7.26	82	141928	15.43	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	53546	20.27	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	274596	3.13	ng	0.00
79) Terphenyl-d14	12.79	244	288279	15.52	ng	0.00

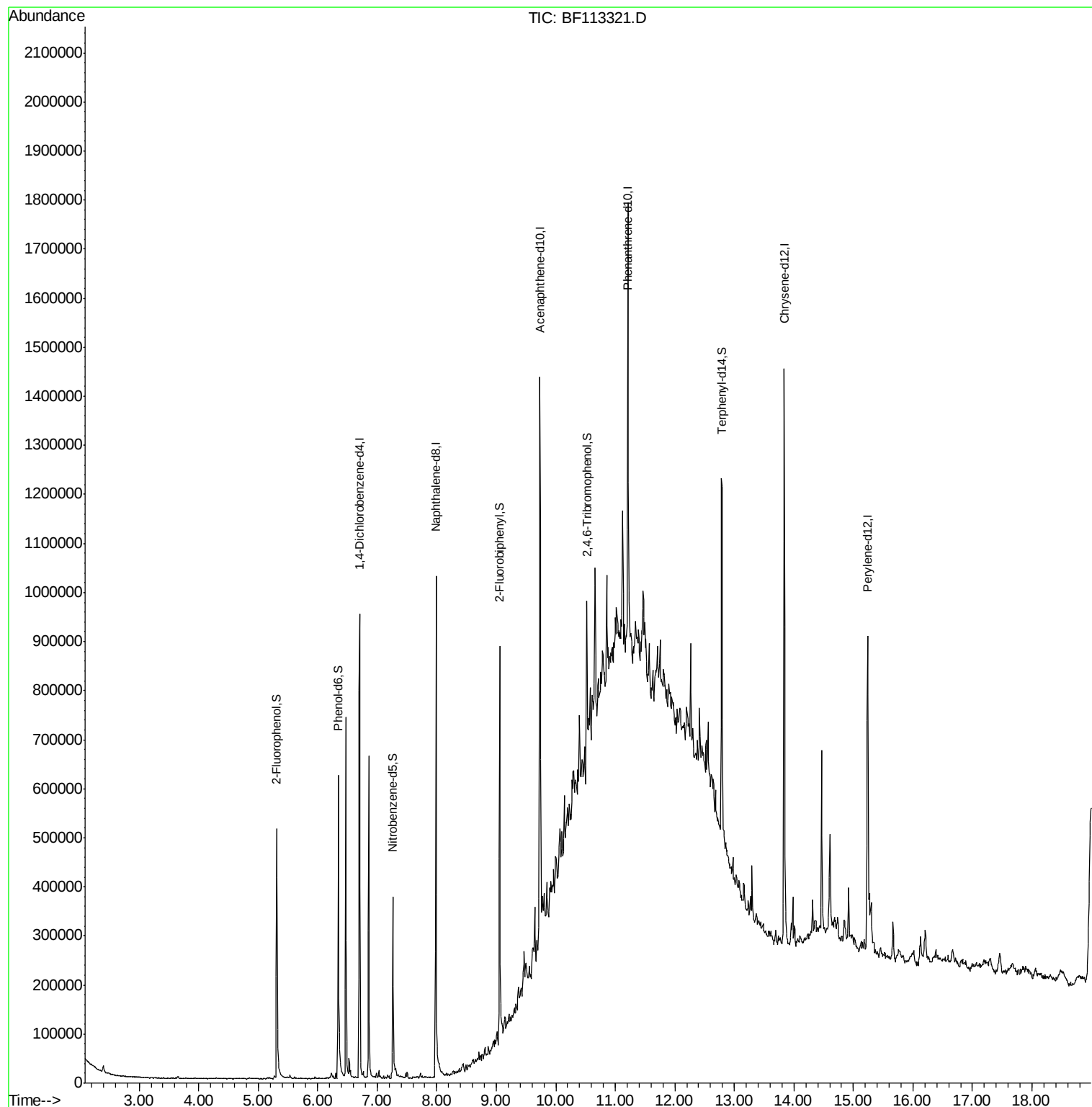
Target Compounds	Qvalue
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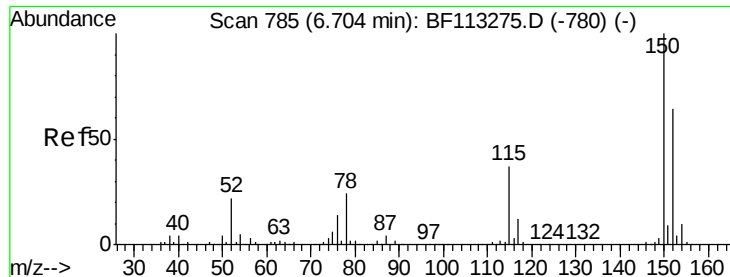
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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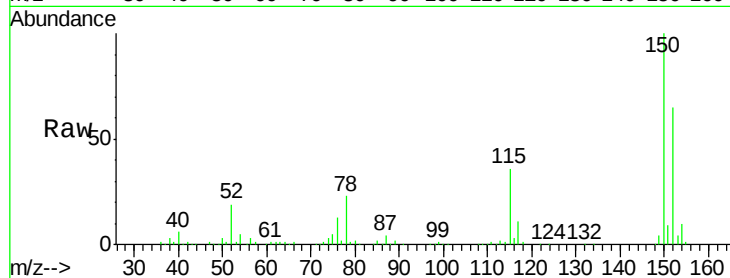


#1

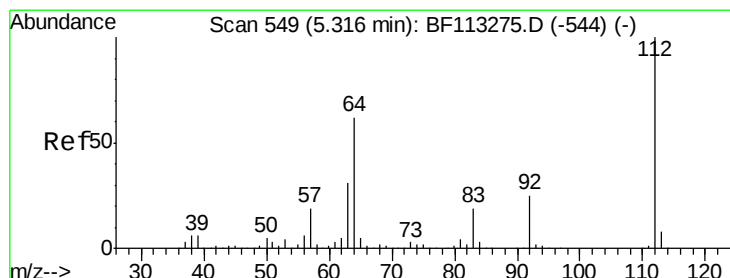
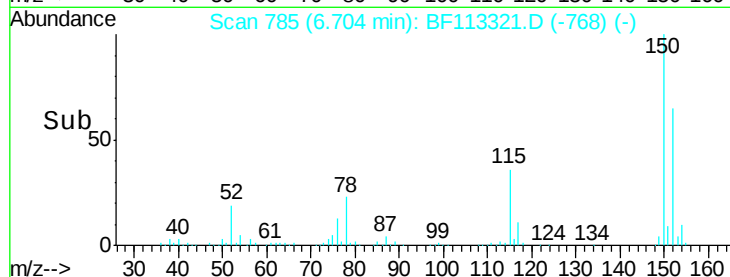
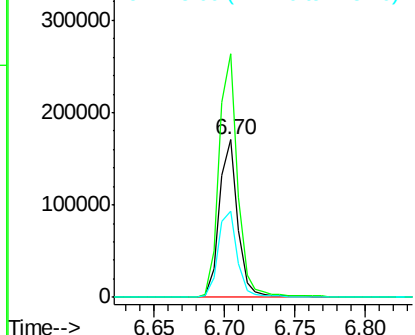
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113321.D
Acq: 27 Mar 2019 5:41

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.7	187.1
115	54.9	46.0	69.0



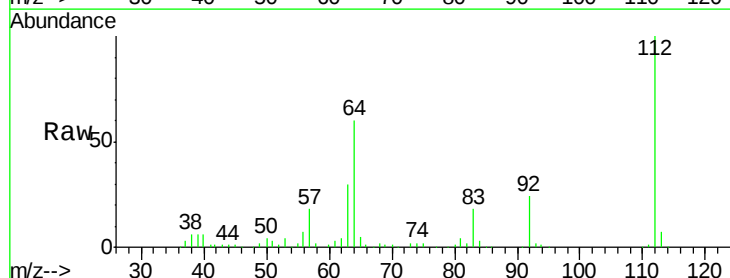
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



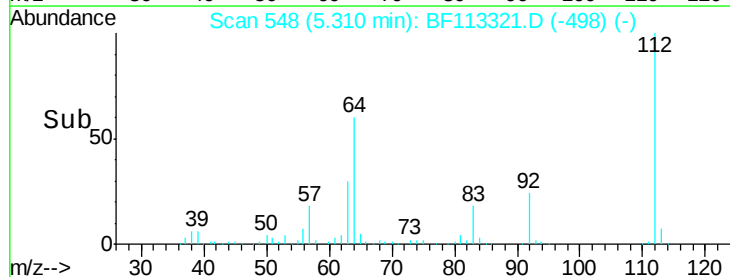
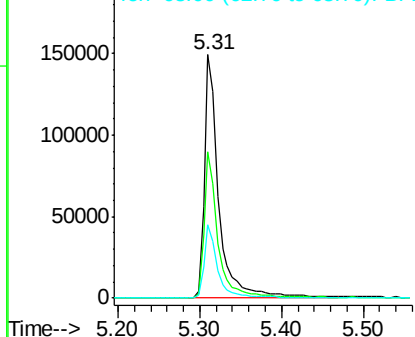
#5

2-Fluorophenol
Concen: 19.189 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113321.D
Acq: 27 Mar 2019 5:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.2	73.8
63	30.3	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: 22.259 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113321.D

Acq: 27 Mar 2019 5:41

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

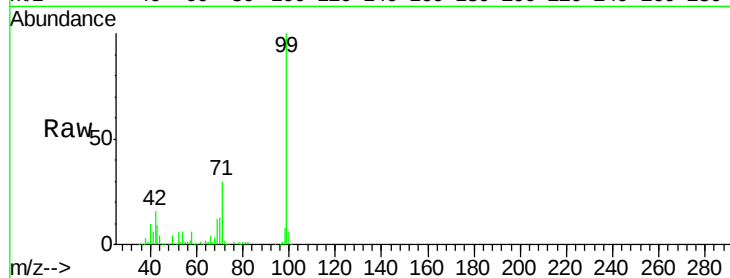
Tgt Ion: 99 Resp: 271049

Ion Ratio Lower Upper

99 100

42 16.3 14.8 22.2

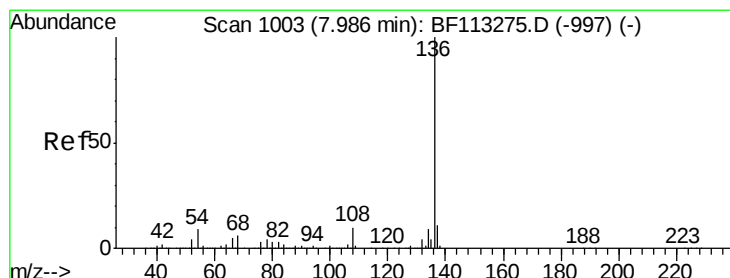
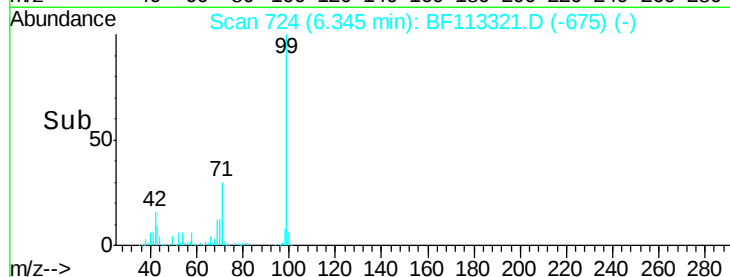
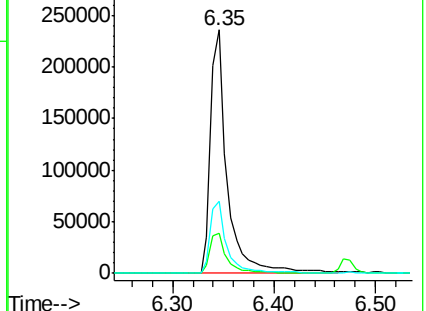
71 29.8 24.9 37.3



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: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113321.D

Acq: 27 Mar 2019 5:41

Tgt Ion: 136 Resp: 545843

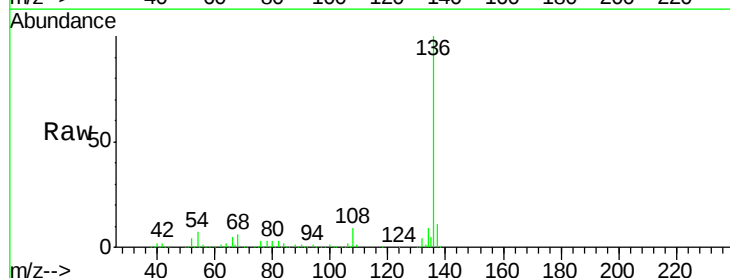
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.0 7.0 10.6#

68 5.7 4.8 7.2

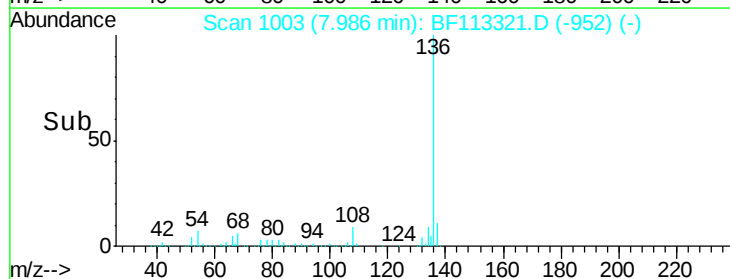
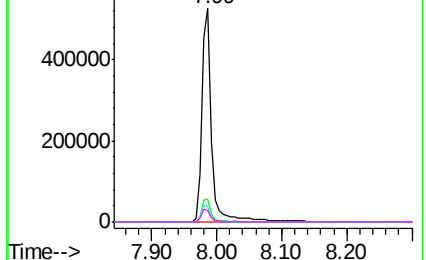


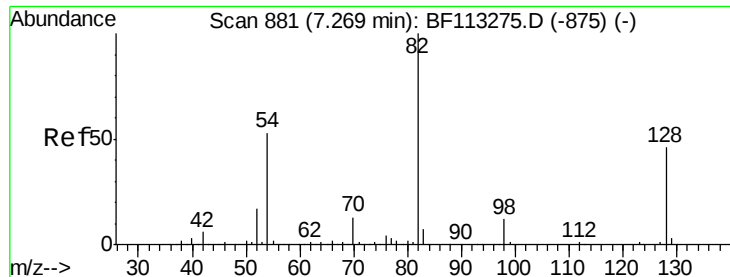
Abundance Ion 136.00 (135.70 to 136.70): E

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

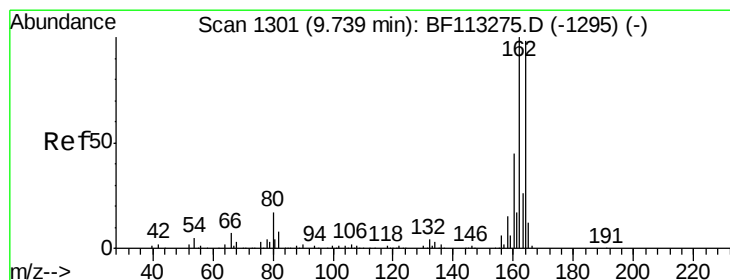
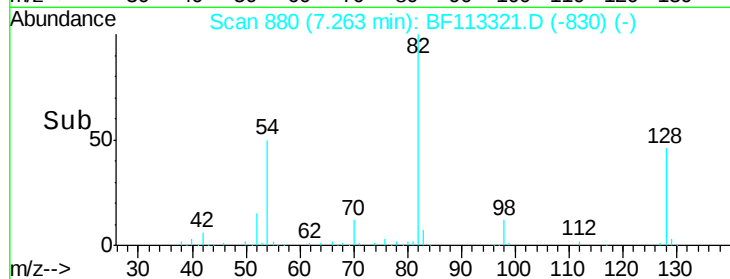
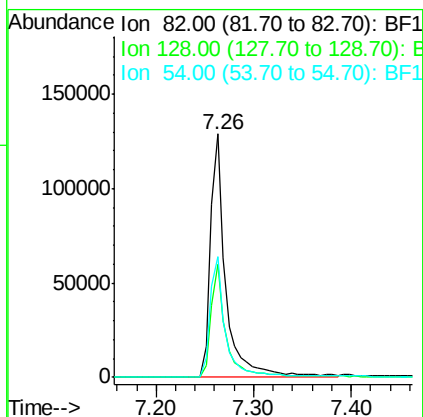
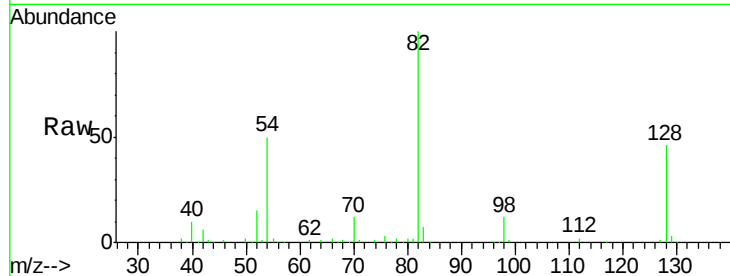




#23
Nitrobenzene-d5
Concen: 15.433 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113321.D
Acq: 27 Mar 2019 5:41

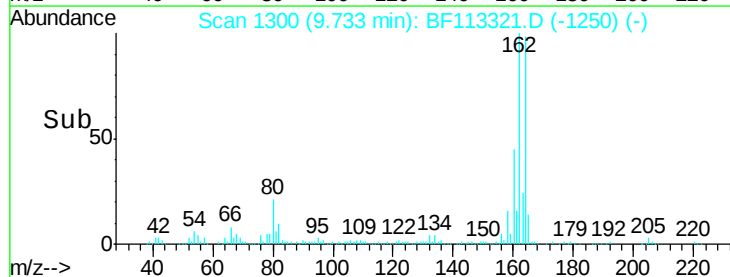
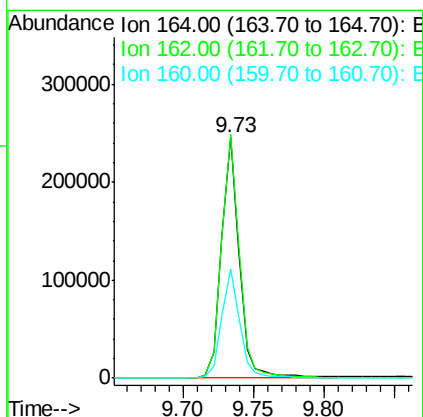
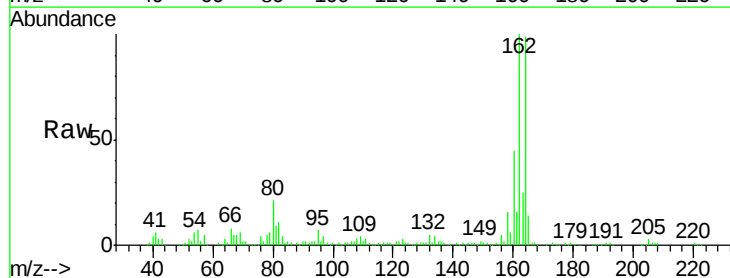
Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

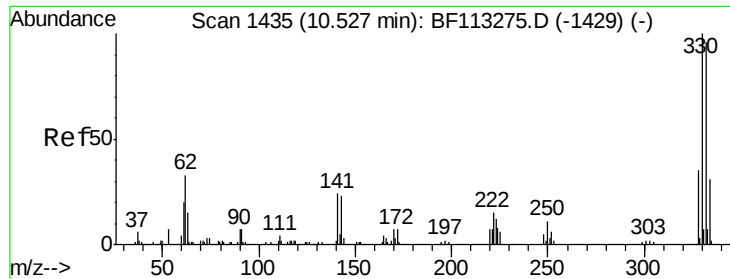
Tgt Ion: 82 Resp: 141928
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 49.6 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113321.D
Acq: 27 Mar 2019 5:41

Tgt Ion: 164 Resp: 213906
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 45.2 36.4 54.6

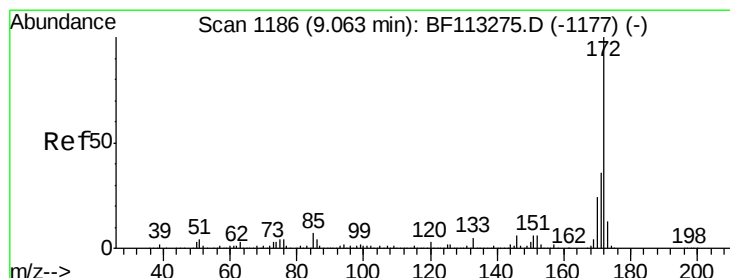
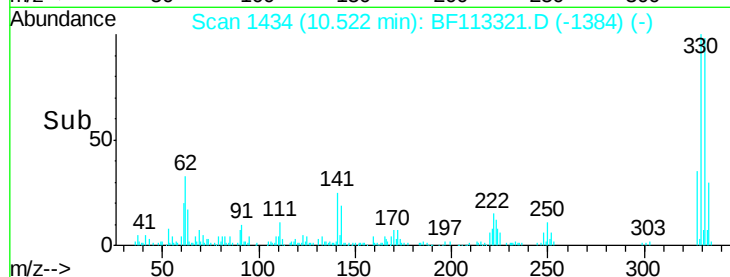
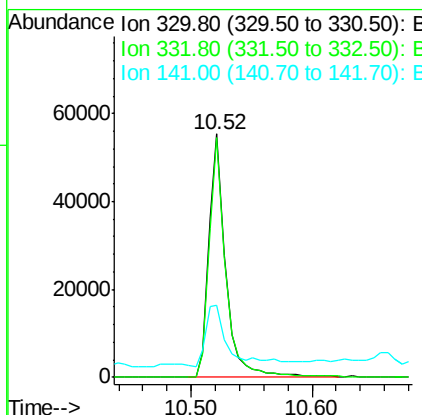
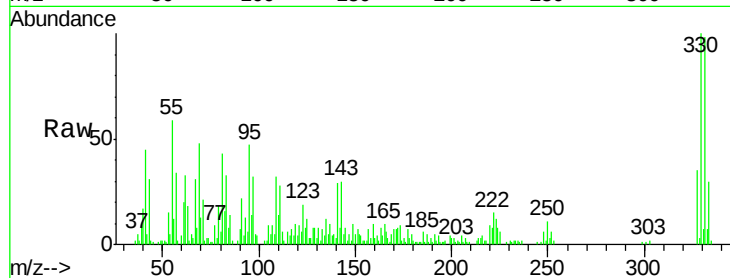




#42
 2,4,6-Tribromophenol
 Concen: 20.265 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113321.D
 Acq: 27 Mar 2019 5:41

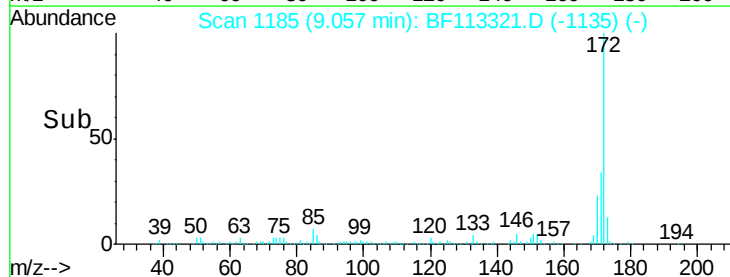
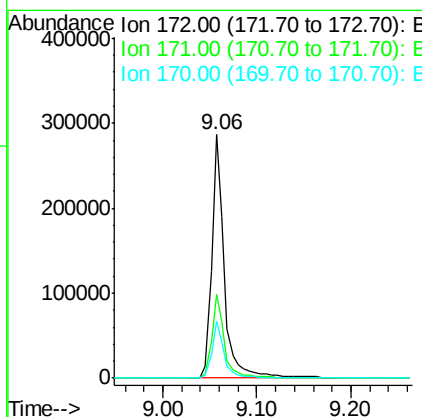
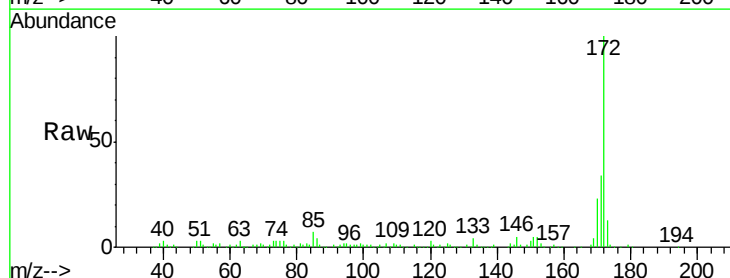
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

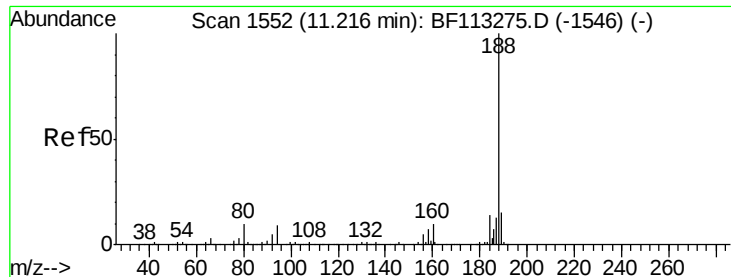
Tgt Ion:330 Resp: 53546
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.8 116.6
 141 27.3 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 3.134 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113321.D
 Acq: 27 Mar 2019 5:41

Tgt Ion:172 Resp: 274596
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.0 43.6
 170 23.3 19.5 29.3

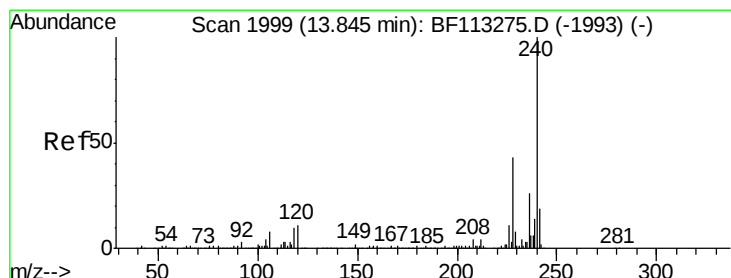
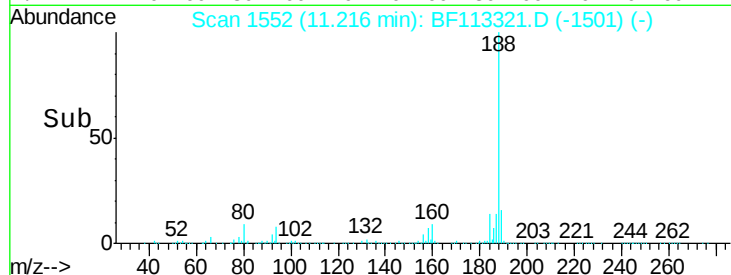
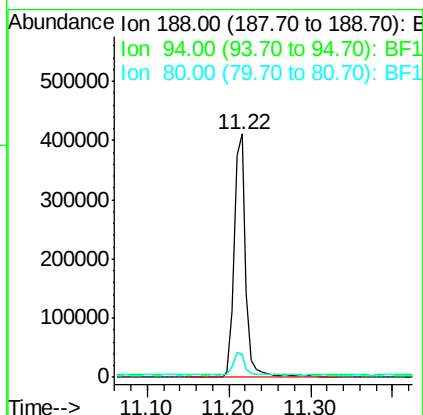
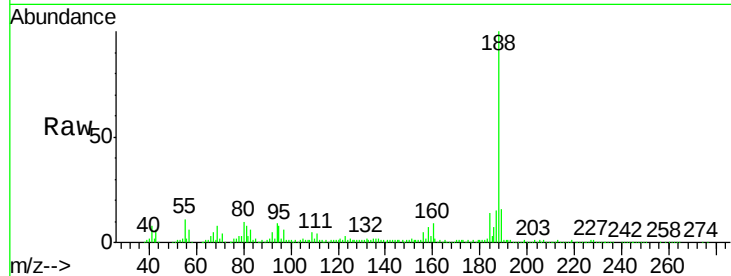




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113321.D
Acq: 27 Mar 2019 5:41

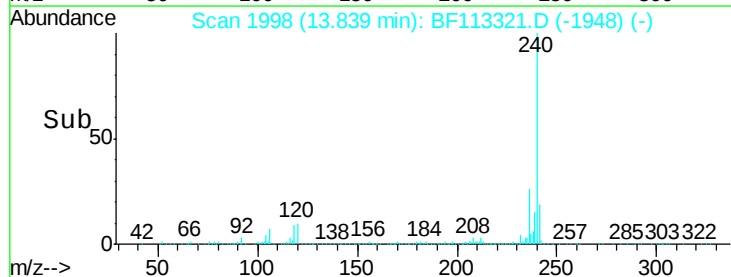
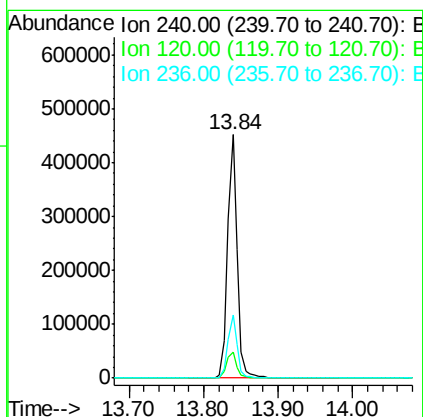
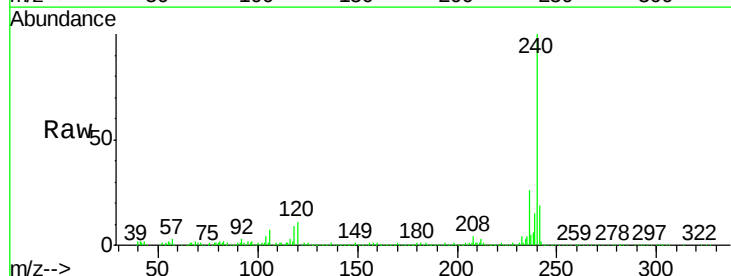
Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

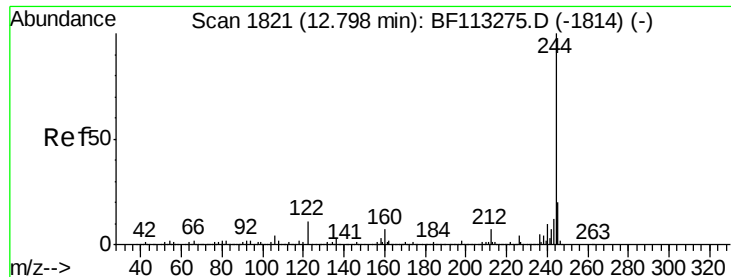
Tgt Ion:188 Resp: 399968
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113321.D
Acq: 27 Mar 2019 5:41

Tgt Ion:240 Resp: 409527
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 15.516 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113321.D

Acq: 27 Mar 2019 5:41

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

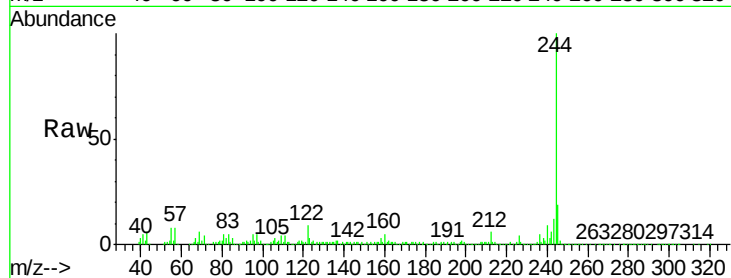
Tgt Ion:244 Resp: 288279

Ion Ratio Lower Upper

244 100

212 6.0 5.5 8.3

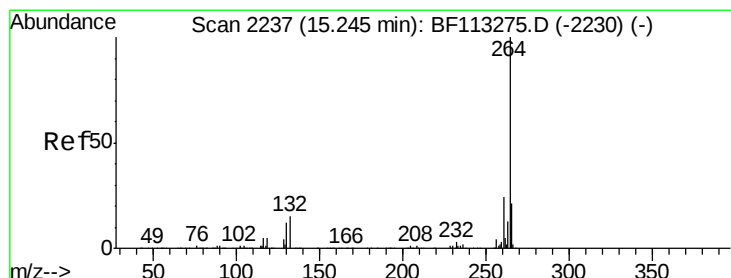
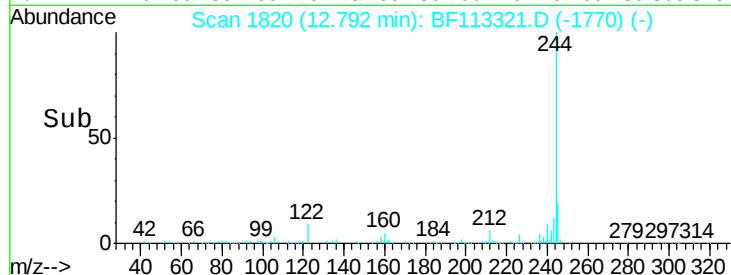
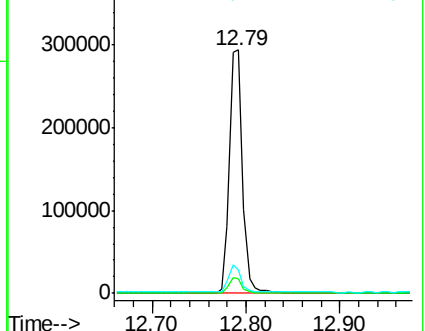
122 9.5 8.6 13.0



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: BF113321.D

Acq: 27 Mar 2019 5:41

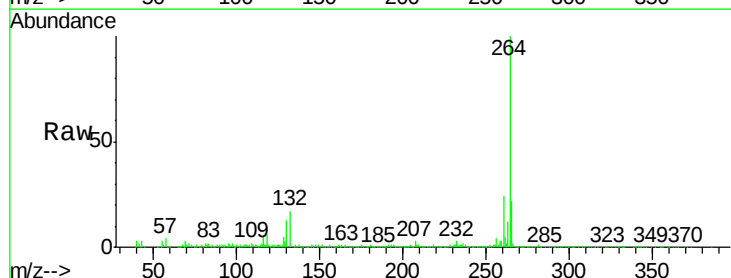
Tgt Ion:264 Resp: 313437

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.7 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

