

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113219.D
 Acq On : 21 Mar 2019 20:16
 Operator : JU/SJ
 Sample : K2004-05 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24(7-8)

Quant Time: Mar 22 00:45:20 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

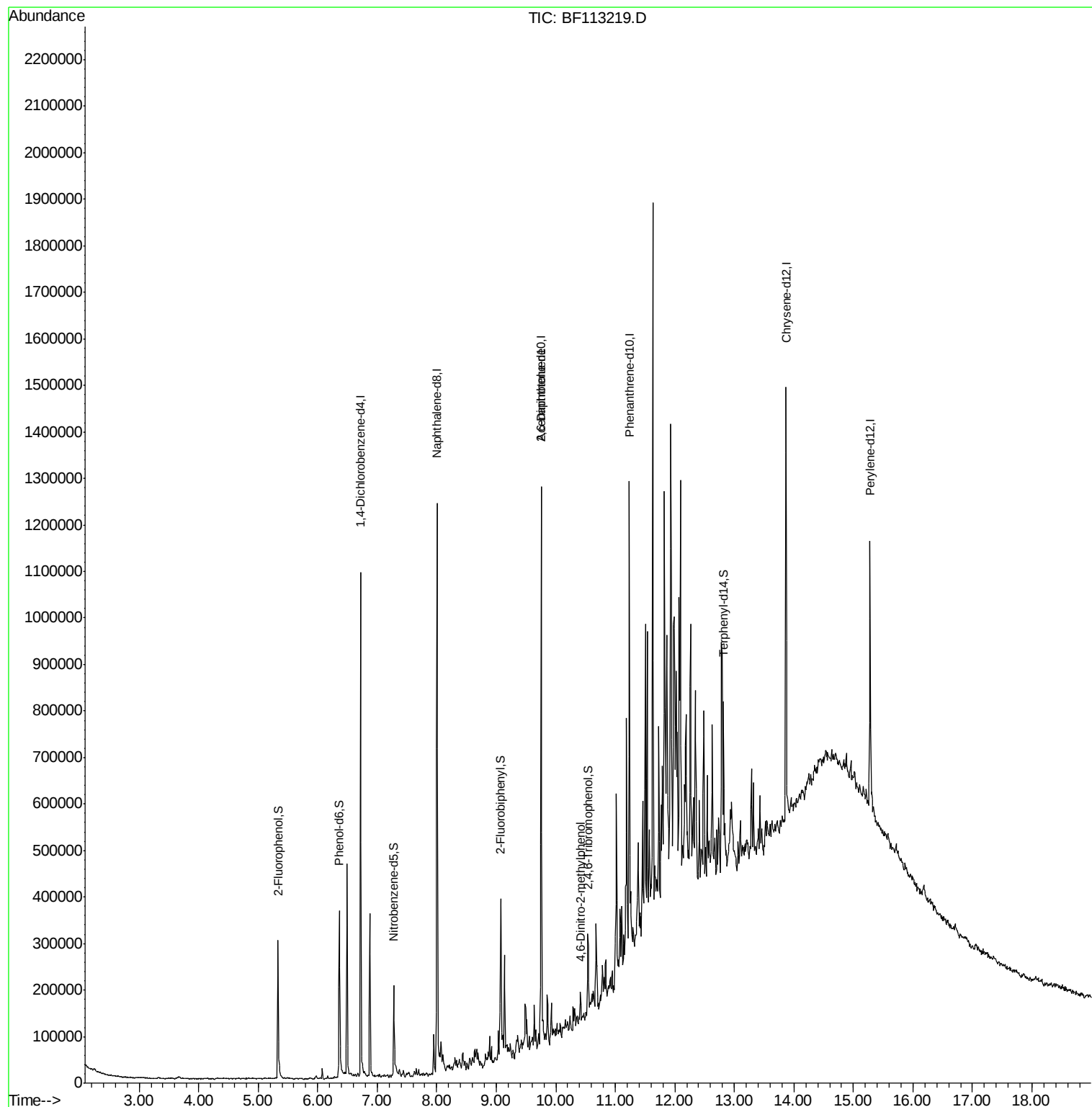
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	165817	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	599731	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	248487	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	407245	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	343292	20.00	ng	0.00
87) Perylene-d12	15.28	264	274145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	104440	9.80	ng	-0.01
7) Phenol-d6	6.36	99	151739	11.33	ng	-0.01
23) Nitrobenzene-d5	7.28	82	80786	8.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	28250	10.71	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	138173	6.10	ng	-0.01
79) Terphenyl-d14	12.82	244	98338	5.55	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.76	165	32849	8.610	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.43	198	373	4.814	ng	# 1

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

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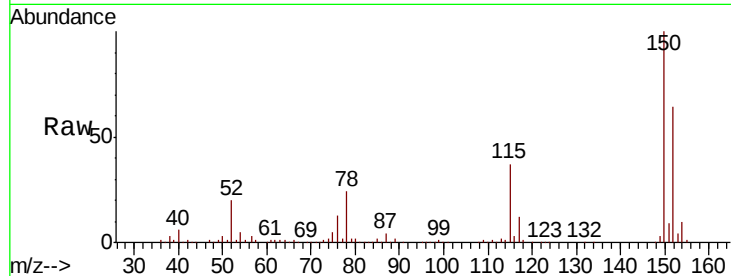


#1

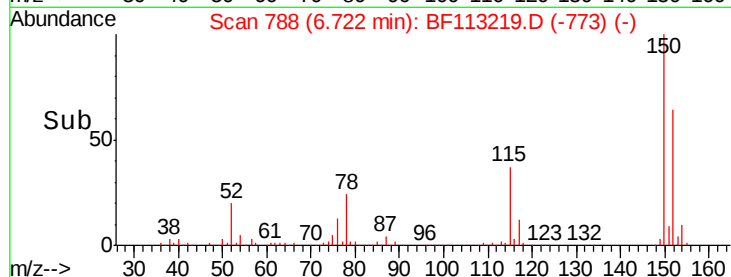
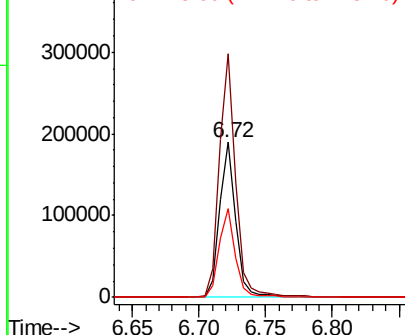
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113219.D
Acq: 21 Mar 2019 20:16

Instrument :
BNA_F
ClientSampleId :
SB-24(7-8)

Tgt Ion:152 Resp: 165817
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 57.3 48.2 72.4



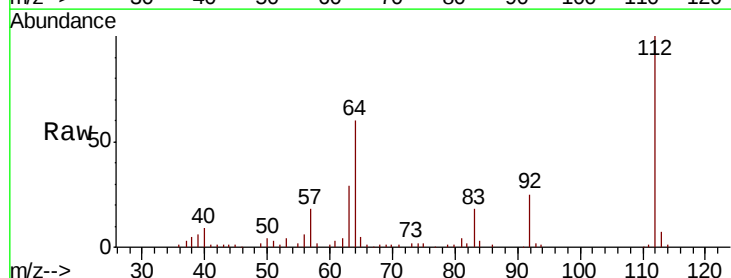
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



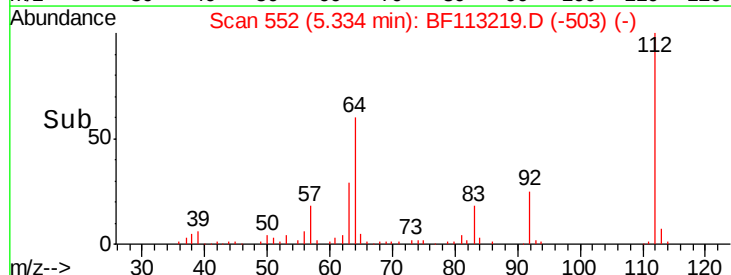
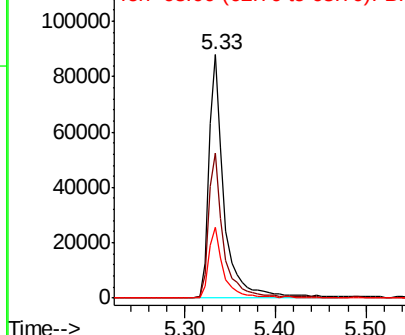
#5

2-Fluorophenol
Concen: 9.798 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113219.D
Acq: 21 Mar 2019 20:16

Tgt Ion:112 Resp: 104440
Ion Ratio Lower Upper
112 100
64 59.6 47.6 71.4
63 28.9 24.4 36.6



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: 11.332 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113219.D

Acq: 21 Mar 2019 20:16

Instrument :

BNA_F

ClientSampleId :

SB-24(7-8)

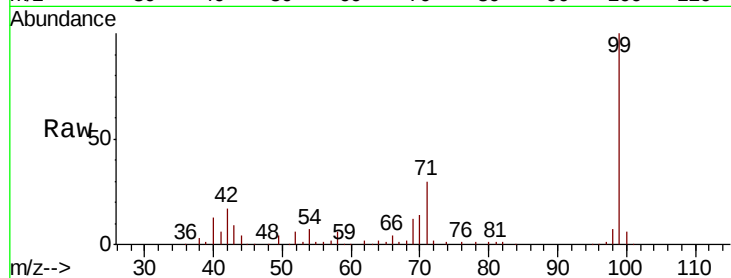
Tgt Ion: 99 Resp: 151739

Ion Ratio Lower Upper

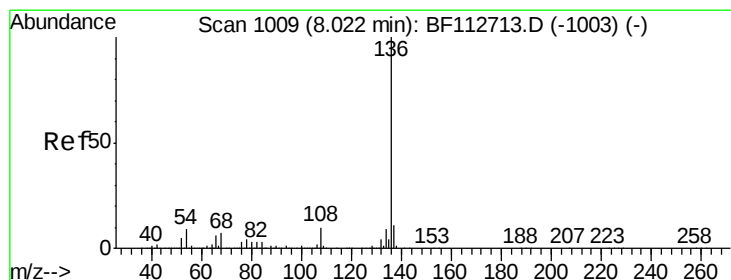
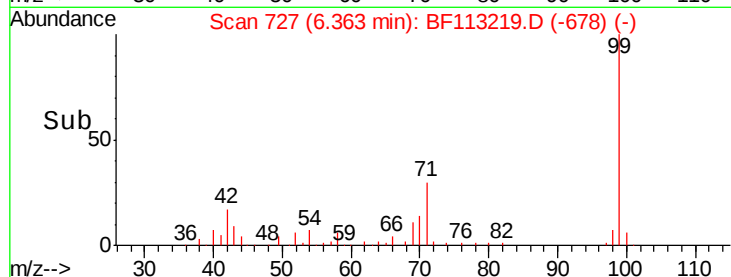
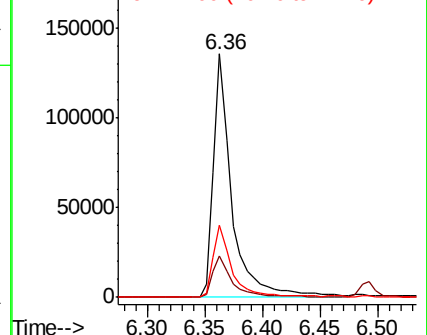
99 100

42 17.0 16.3 24.5

71 29.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113219.D

Acq: 21 Mar 2019 20:16

Tgt Ion: 136 Resp: 599731

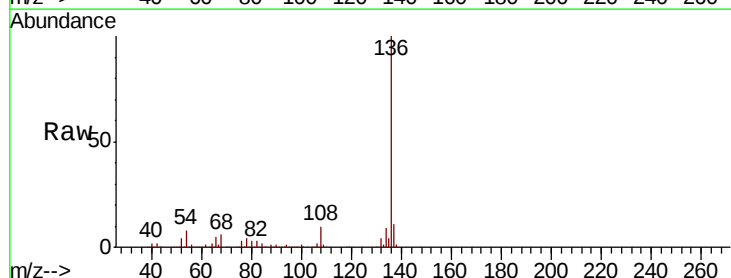
Ion Ratio Lower Upper

136 100

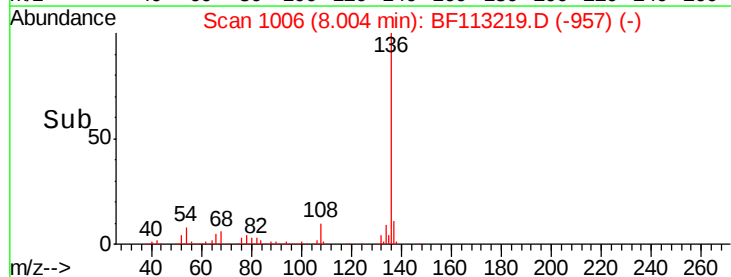
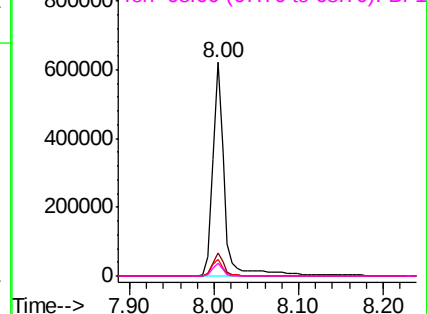
137 10.8 8.9 13.3

54 8.0 7.3 10.9

68 5.8 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

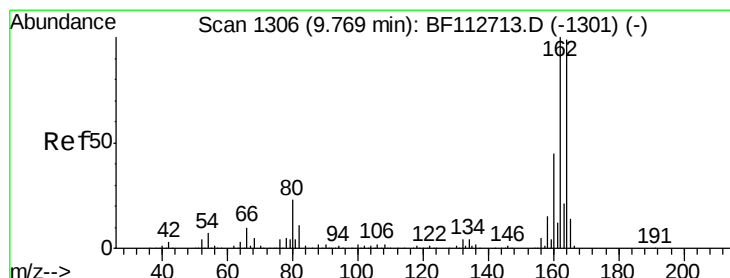
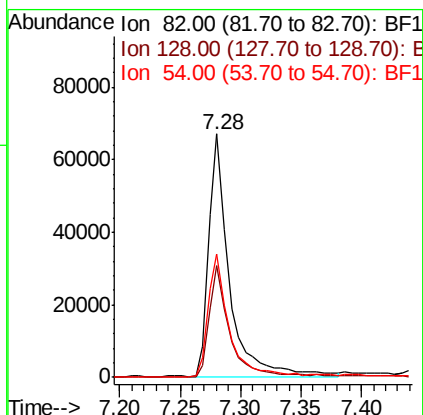
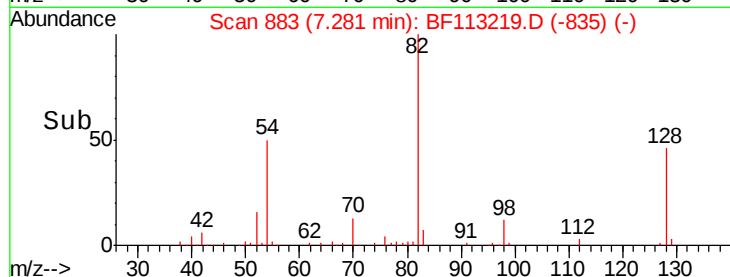
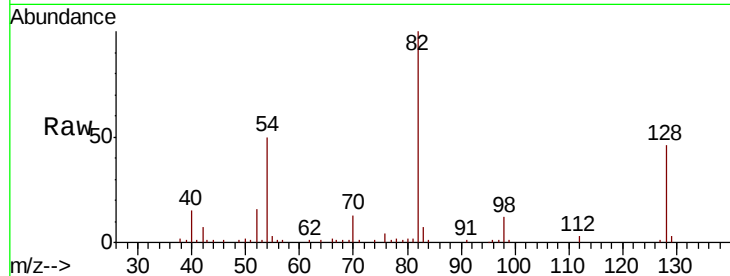




#23
Nitrobenzene-d5
Concen: 8.060 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113219.D
Acq: 21 Mar 2019 20:16

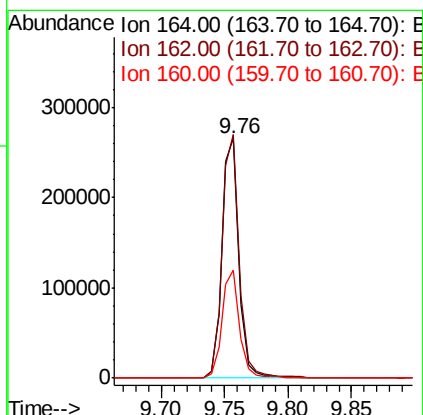
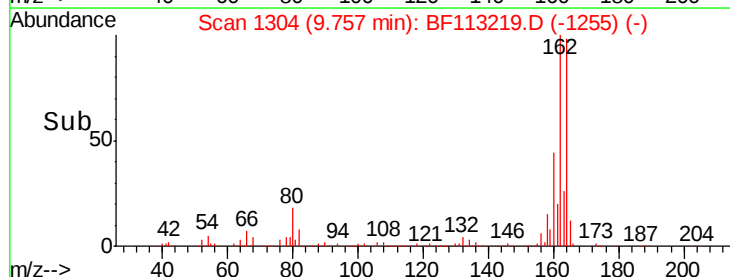
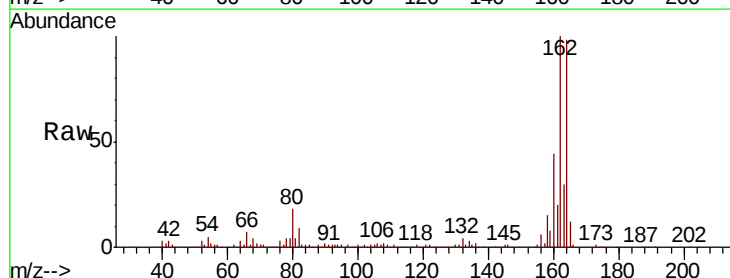
Instrument :
BNA_F
ClientSampleId :
SB-24(7-8)

Tgt Ion: 82 Resp: 80786
Ion Ratio Lower Upper
82 100
128 45.7 36.3 54.5
54 50.4 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113219.D
Acq: 21 Mar 2019 20:16

Tgt Ion: 164 Resp: 248487
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 45.2 36.0 54.0

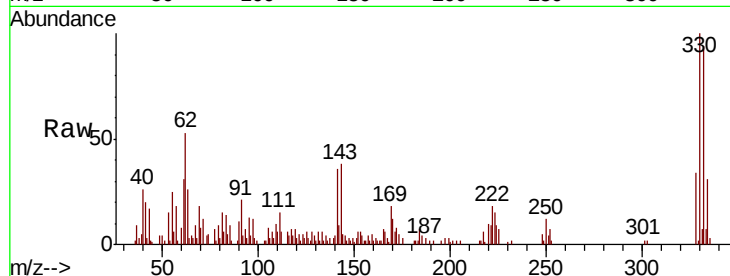




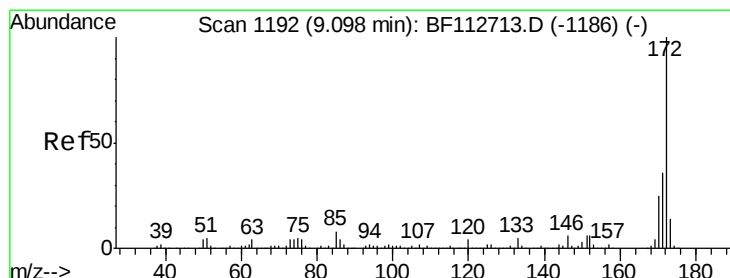
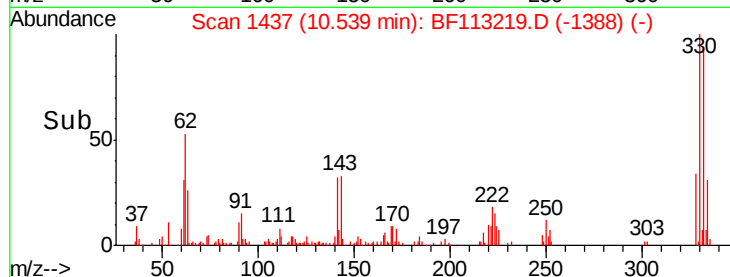
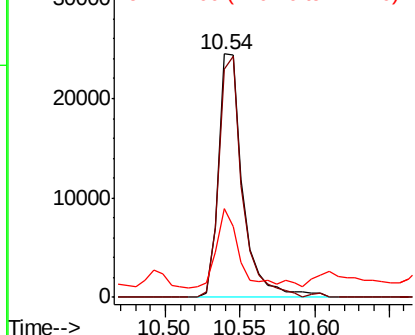
#42
 2,4,6-Tribromophenol
 Concen: 10.709 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113219.D
 Acq: 21 Mar 2019 20:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-24(7-8)

Tgt Ion:330 Resp: 28250
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 30.4 27.0 40.6

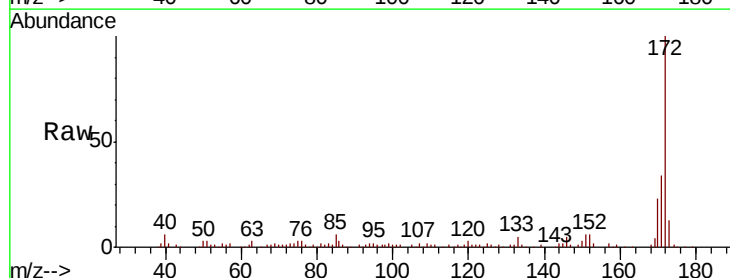


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

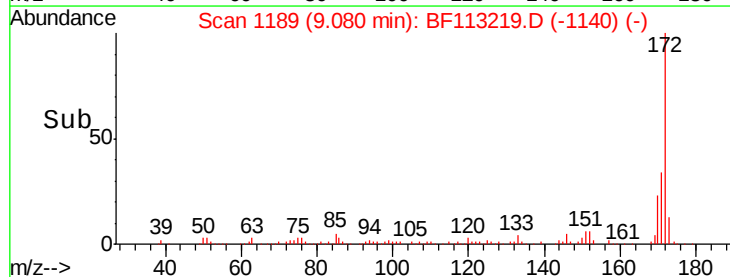
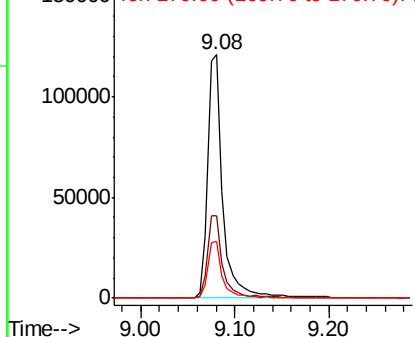


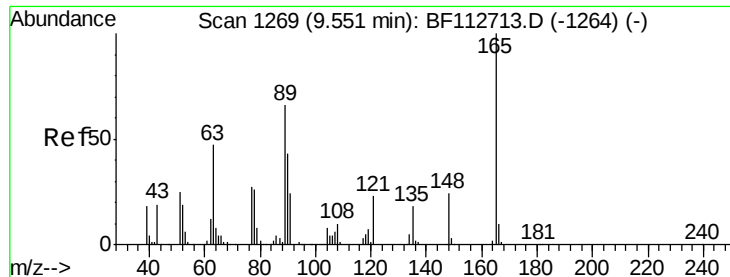
#45
 2-Fluorobiphenyl
 Concen: 6.099 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113219.D
 Acq: 21 Mar 2019 20:16

Tgt Ion:172 Resp: 138173
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.0 43.4
 170 23.3 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

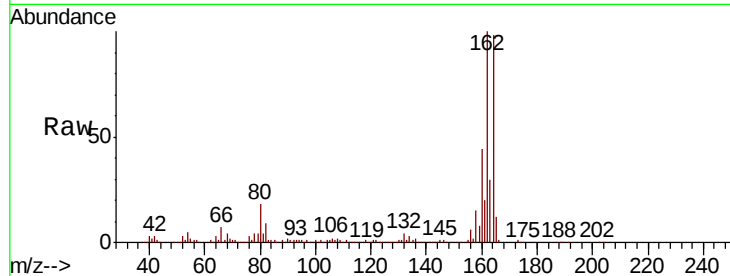




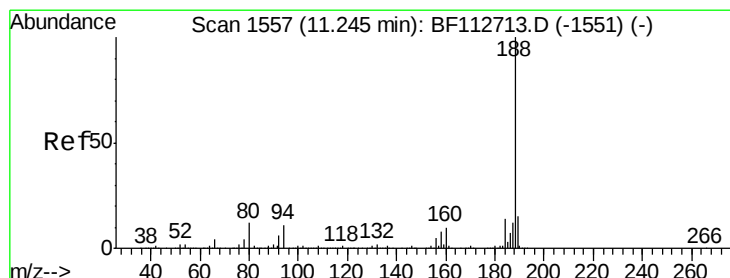
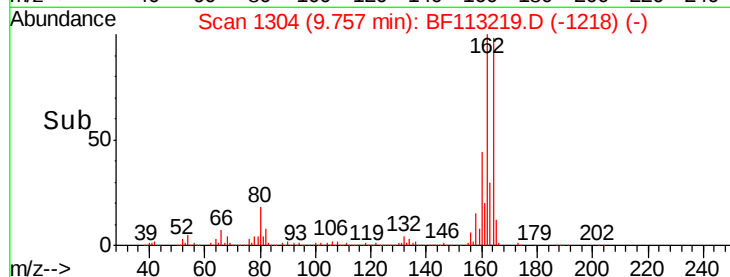
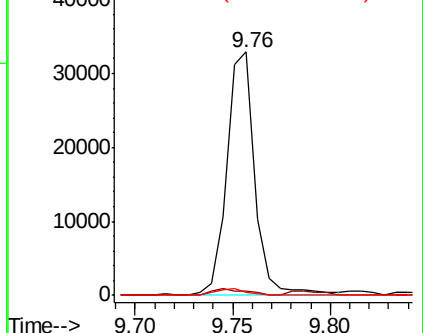
#51
 2,6-Dinitrotoluene
 Concen: 8.610 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF113219.D
 Acq: 21 Mar 2019 20:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-24(7-8)

Tgt Ion:165 Resp: 32849
 Ion Ratio Lower Upper
 165 100
 63 1.8 54.1 81.1#
 89 1.4 52.8 79.2#

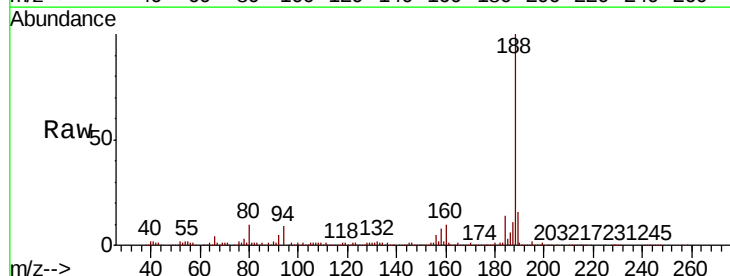


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

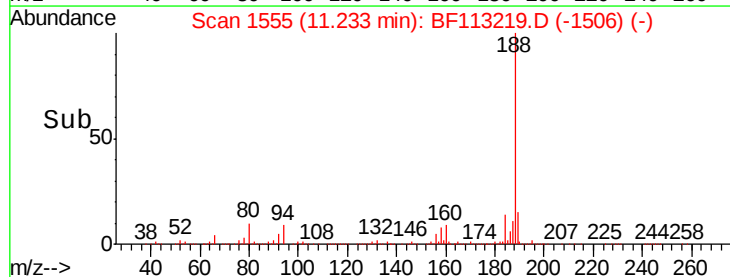
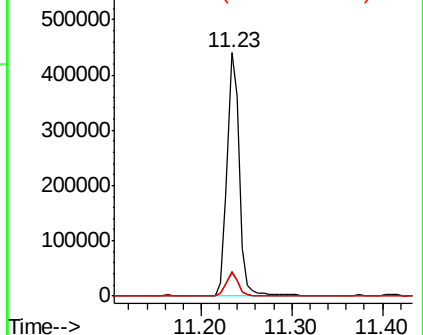


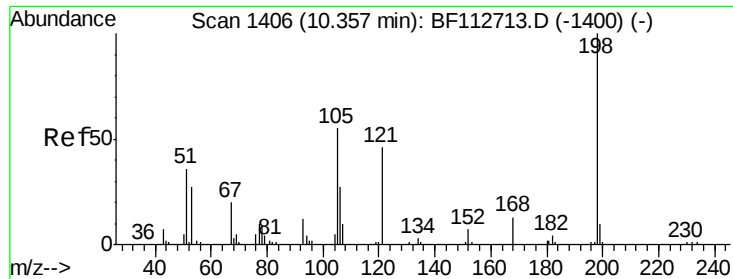
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113219.D
 Acq: 21 Mar 2019 20:16

Tgt Ion:188 Resp: 407245
 Ion Ratio Lower Upper
 188 100
 94 9.4 9.0 13.4
 80 10.1 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

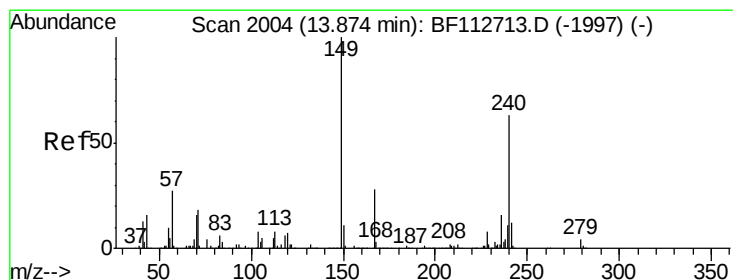
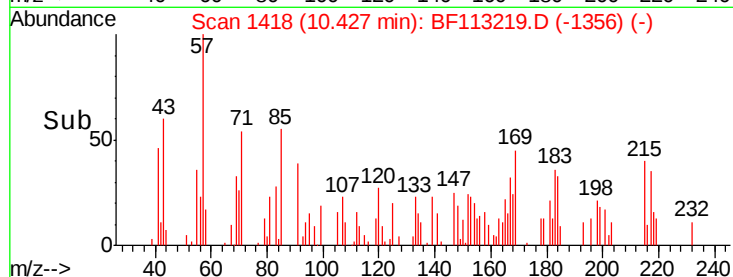
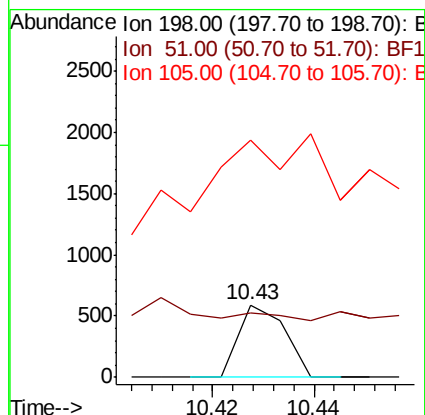
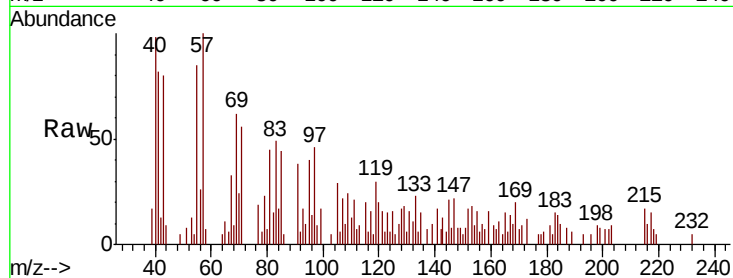




#65
4,6-Dinitro-2-methylphenol
Concen: 4.814 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.06 min
Lab File: BF113219.D
Acq: 21 Mar 2019 20:16

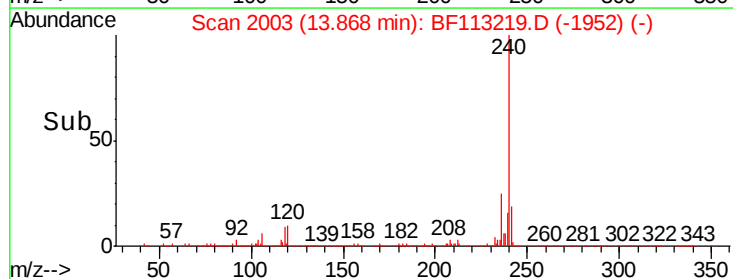
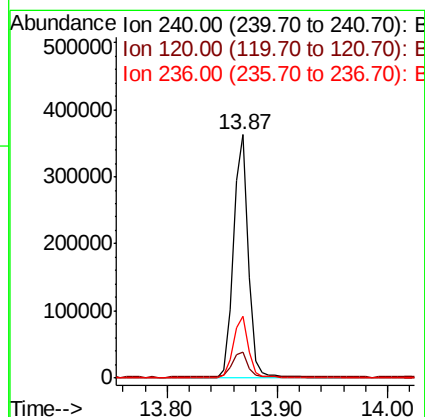
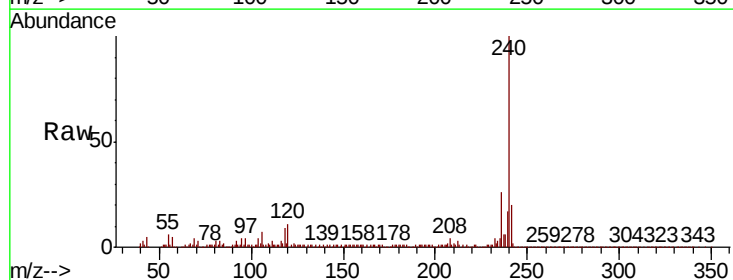
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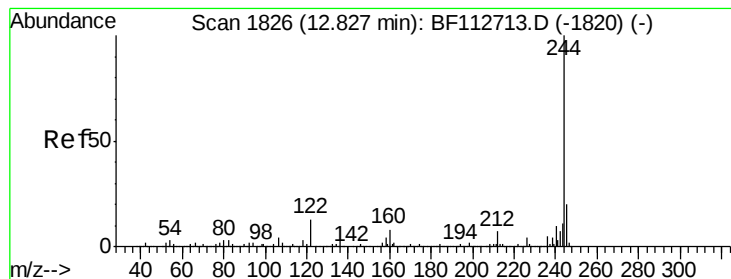
Tgt Ion:198 Resp: 373
Ion Ratio Lower Upper
198 100
51 89.5 43.8 83.8#
105 327.4 36.5 76.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113219.D
Acq: 21 Mar 2019 20:16

Tgt Ion:240 Resp: 343292
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 5.553 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113219.D

Acq: 21 Mar 2019 20:16

Instrument :

BNA_F

ClientSampleId :

SB-24(7-8)

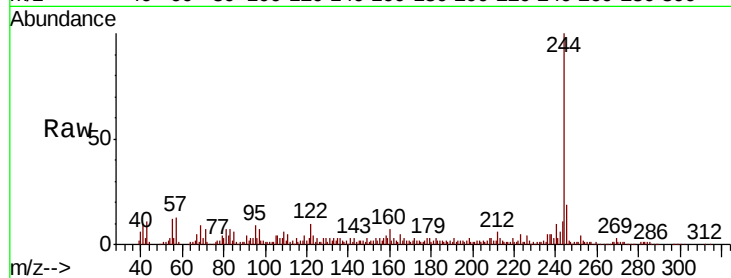
Tgt Ion:244 Resp: 98338

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

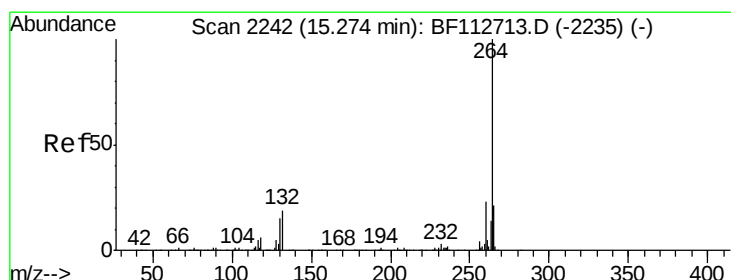
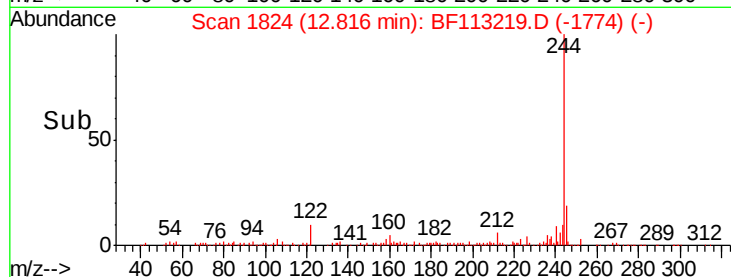
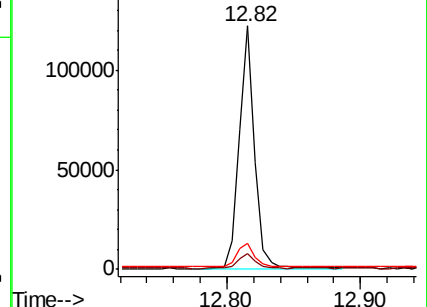
122 10.5 10.5 15.7



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113219.D

Acq: 21 Mar 2019 20:16

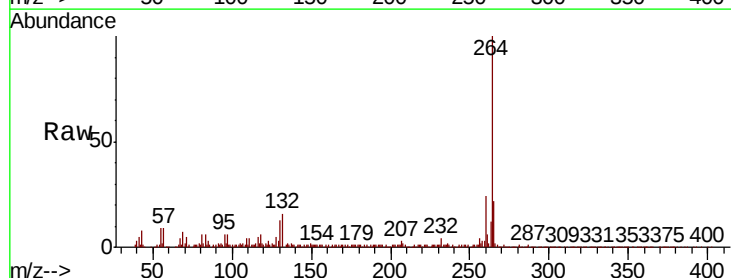
Tgt Ion:264 Resp: 274145

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.8 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

