

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113866.D
 Acq On : 19 Apr 2019 18:39
 Operator : JU/SJ
 Sample : K2198-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-041719

Quant Time: Apr 19 23:25:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	160518	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	556791	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	252892	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	513908	20.00	ng	0.02
76) Chrysene-d12	0.00	240	0	0.00	ng	-14.04
87) Perylene-d12	15.49	264	179	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	190248	19.71	ng	0.00
7) Phenol-d6	6.52	99	238698	19.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	114217	12.49	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	55737	19.95	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	240522	14.50	ng	0.00
79) Terphenyl-d14	13.11	244	310748	0.00	ng	0.11

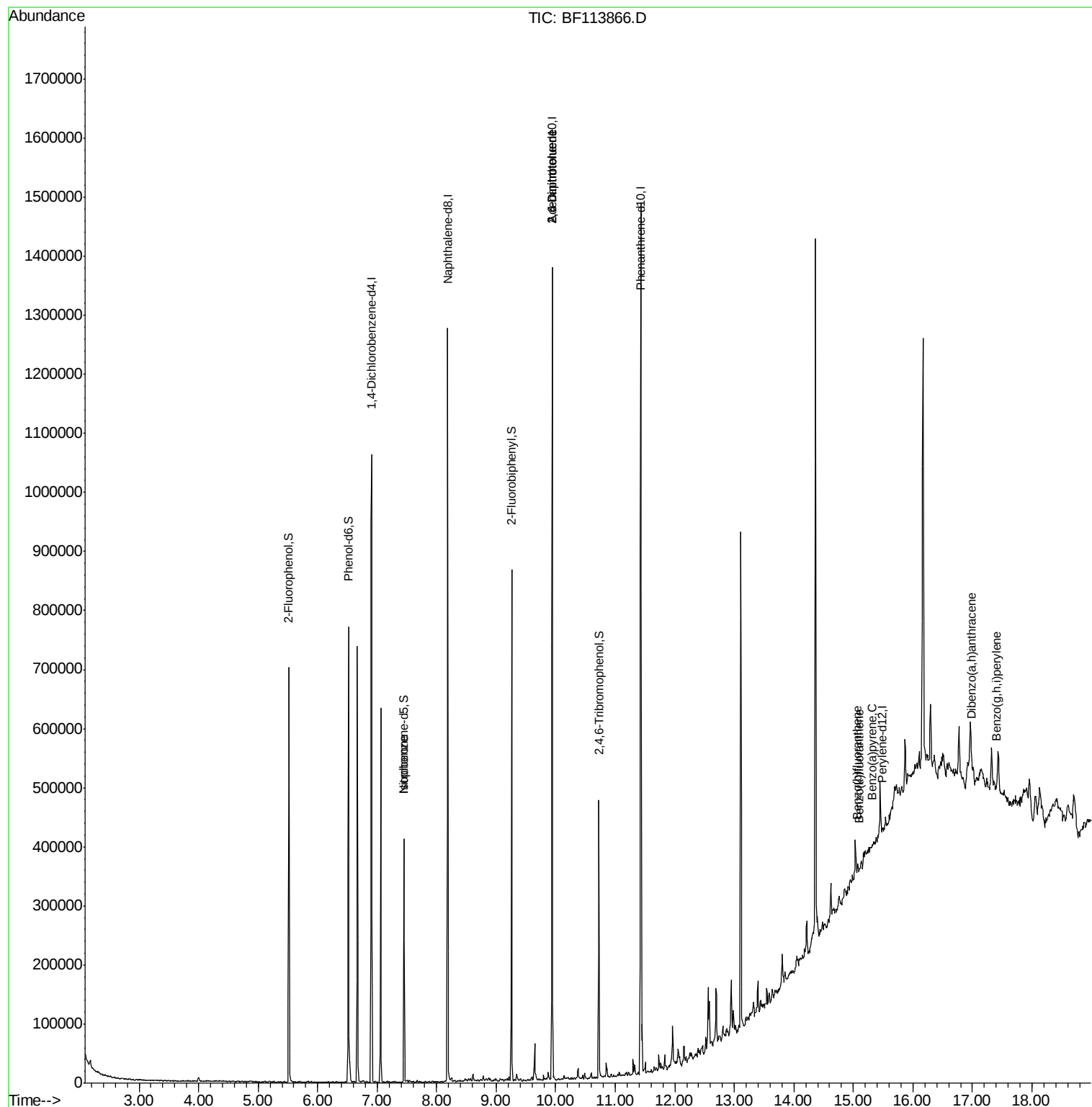
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	170	Below Cal		# 3
25) Isophorone	7.45	82	114216	6.033	ng	# 65
51) 2,6-Dinitrotoluene	9.94	165	32486	8.317	ng	# 33
57) 2,4-Dinitrotoluene	9.94	165	32486	6.704	ng	# 29
88) Benzo(b)fluoranthene	15.07	252	517	46.331	ng	# 1
89) Benzo(k)fluoranthene	15.10	252	201	19.777	ng	# 1
90) Benzo(a)pyrene	15.32	252	512	51.890	ng	# 1
91) Dibenzo(a,h)anthracene	17.00	278	343	39.069	ng	# 1
92) Benzo(g,h,i)perylene	17.40	276	373	41.800	ng	# 1

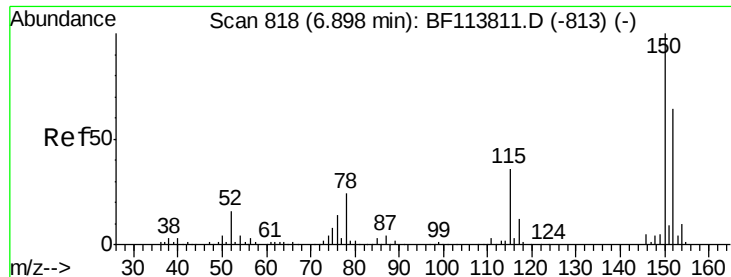
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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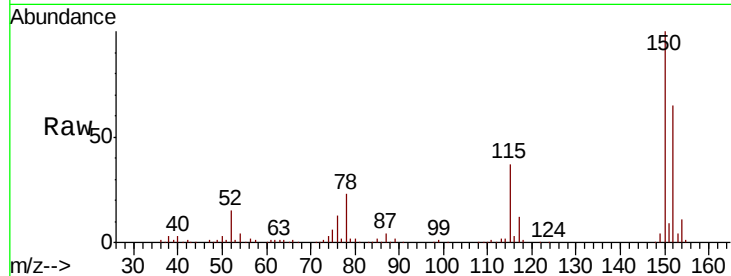




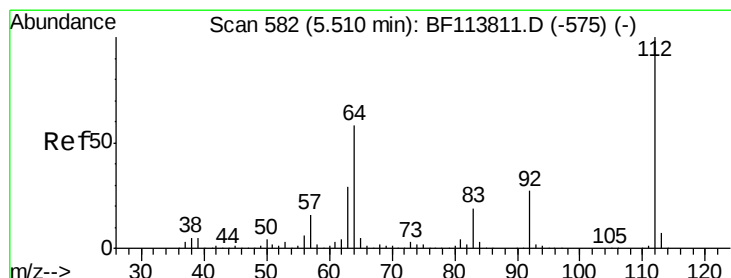
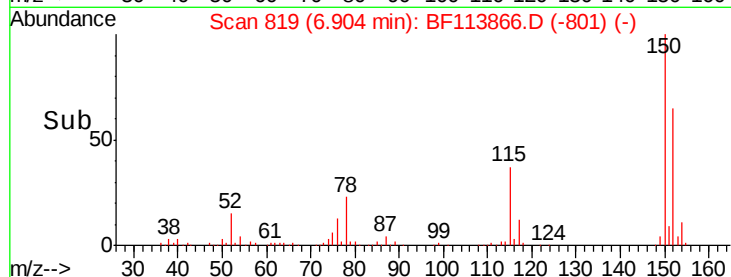
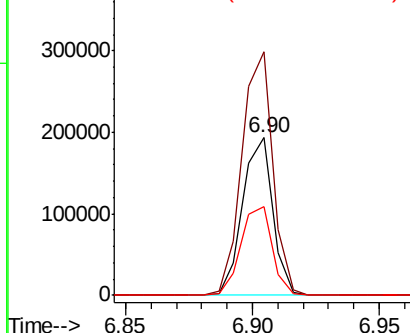
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

Instrument :
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 ClientSampleId :
 OK-03-041719

Tgt Ion:152 Resp: 160518
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.9 188.9
 115 56.7 45.9 68.9

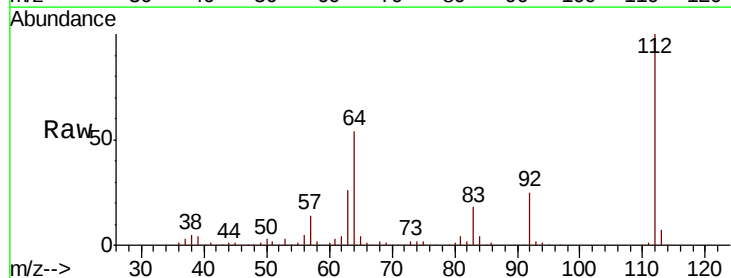


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

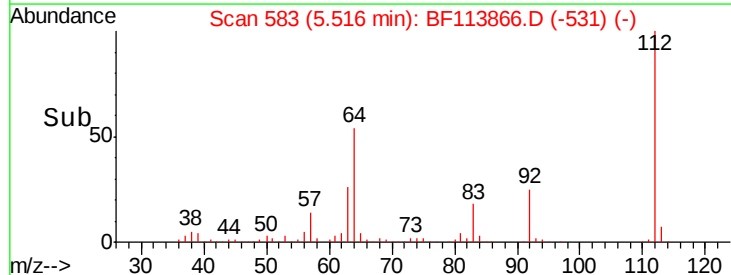
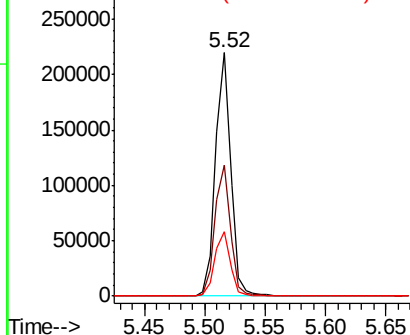


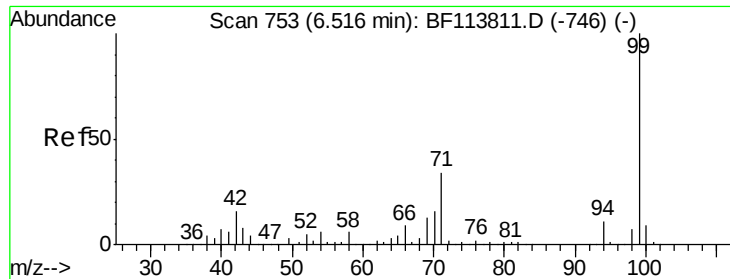
#5
 2-Fluorophenol
 Concen: 19.707 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

Tgt Ion:112 Resp: 190248
 Ion Ratio Lower Upper
 112 100
 64 53.9 46.6 69.8
 63 26.5 23.1 34.7



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: 19.827 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

Instrument :

BNA_F

ClientSampleId :

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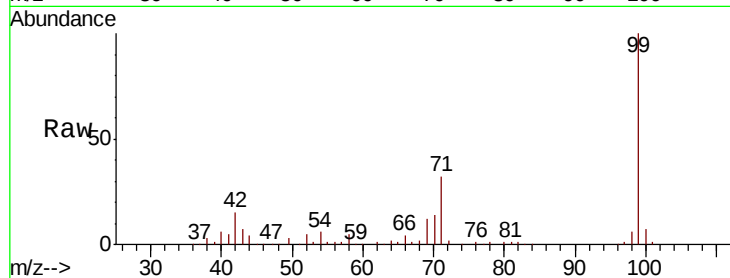
Tgt Ion: 99 Resp: 238698

Ion Ratio Lower Upper

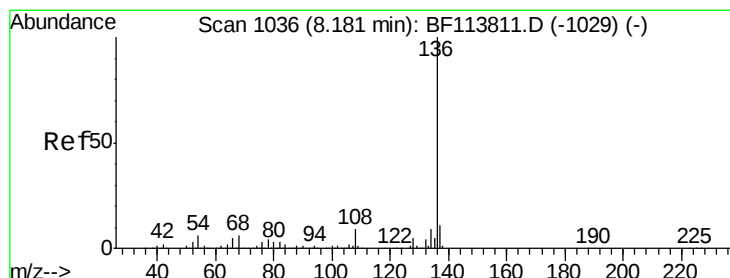
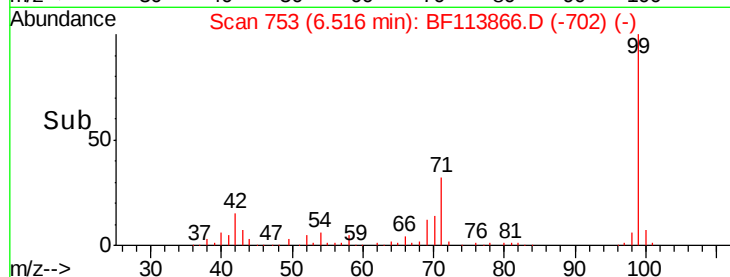
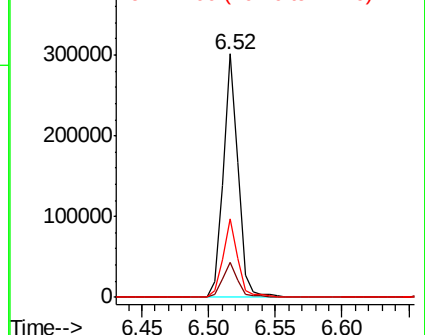
99 100

42 14.6 12.5 18.7

71 32.4 26.9 40.3



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: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

Tgt Ion: 136 Resp: 556791

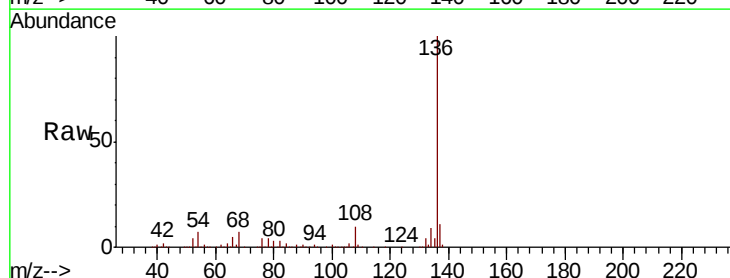
Ion Ratio Lower Upper

136 100

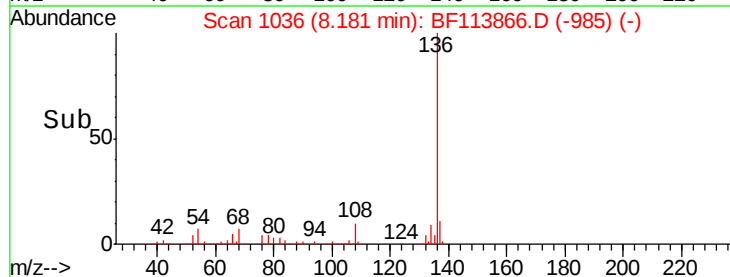
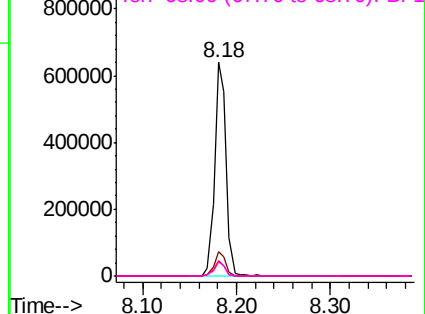
137 11.4 8.6 12.8

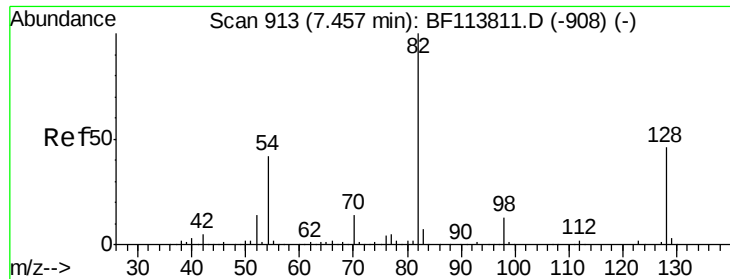
54 7.0 5.0 7.6

68 6.6 4.9 7.3



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

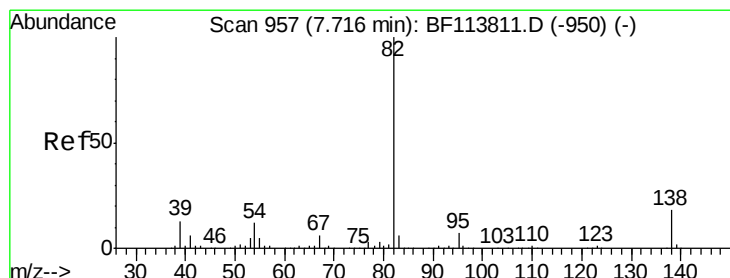
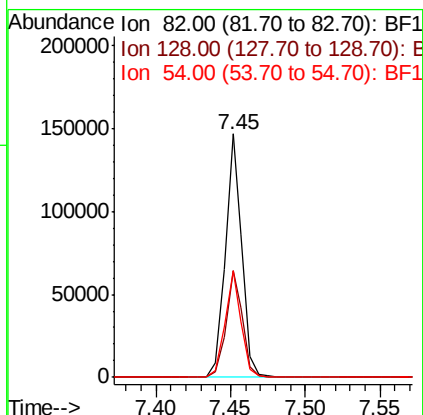
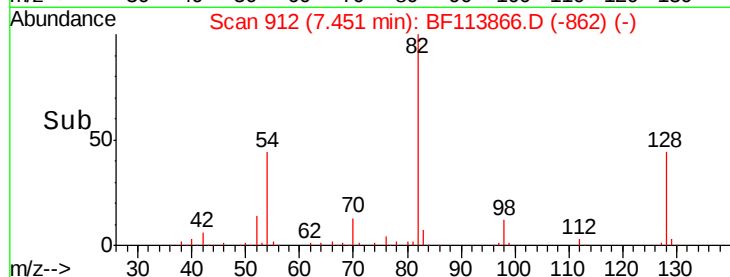
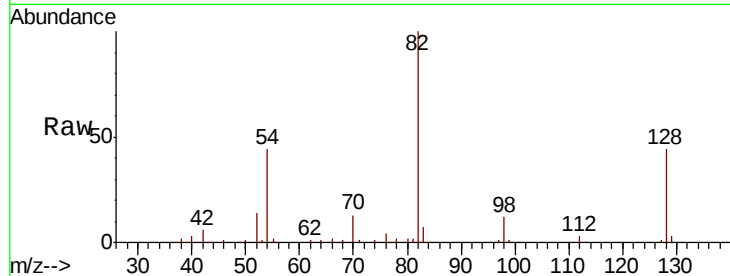




#23
 Nitrobenzene-d5
 Concen: 12.492 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

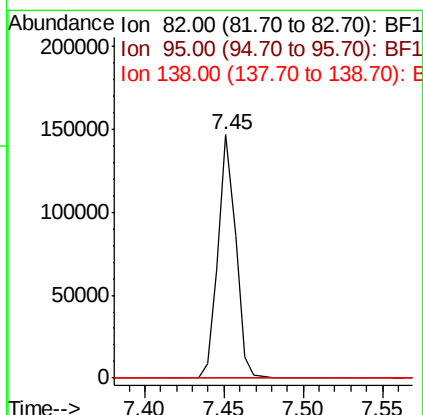
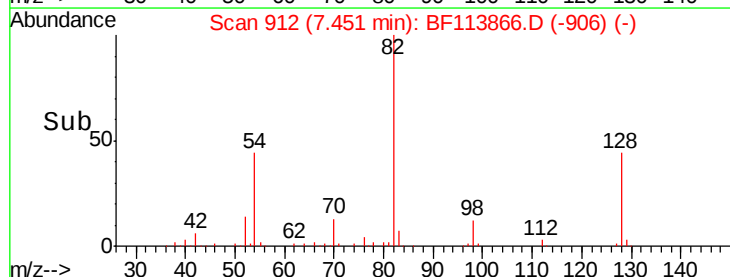
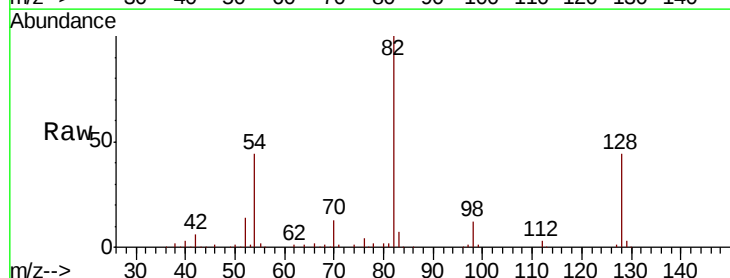
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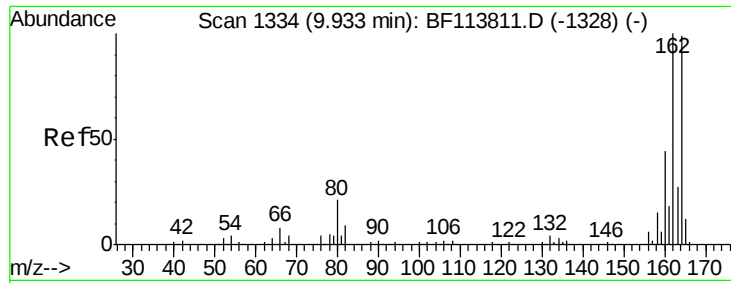
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.8	55.2
54	43.7	33.8	50.6



#25
 Isophorone
 Concen: 6.033 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#

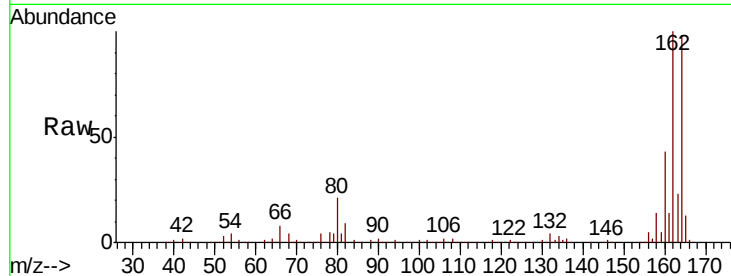




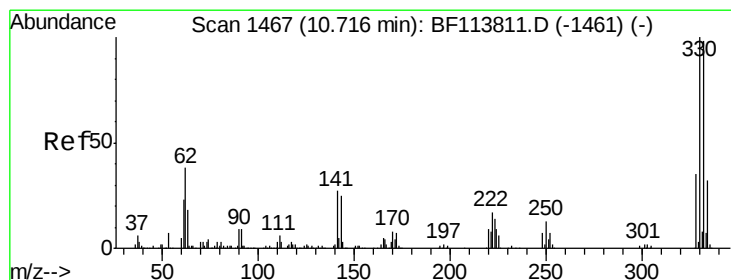
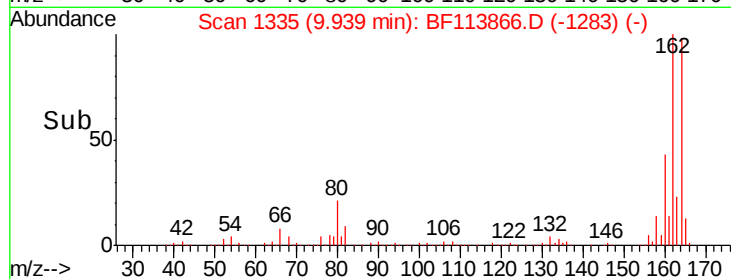
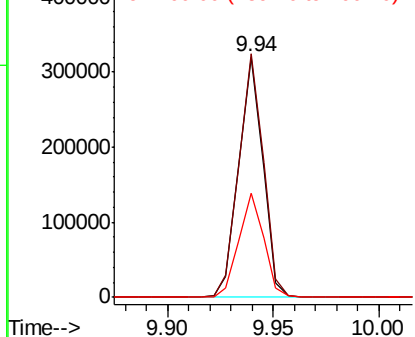
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113866.D
Acq: 19 Apr 2019 18:39

Instrument :
BNA_F
ClientSampleId :
OK-03-041719

Tgt Ion:164 Resp: 252892
Ion Ratio Lower Upper
164 100
162 101.5 81.1 121.7
160 43.2 35.8 53.6

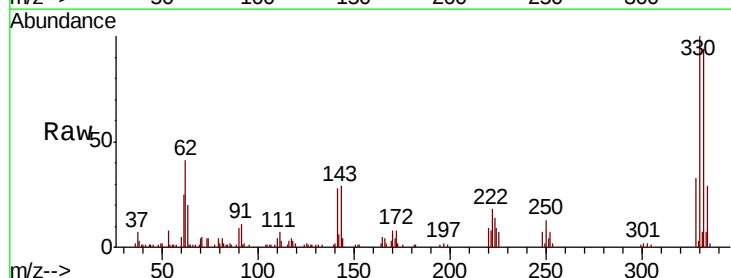


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

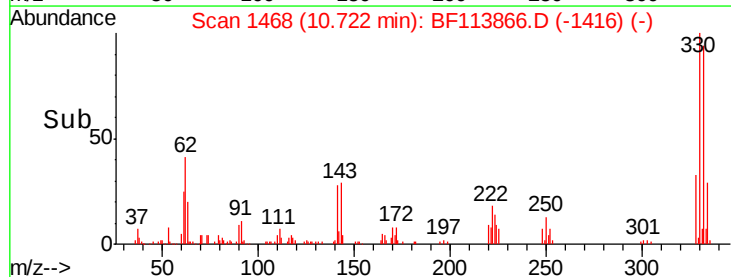
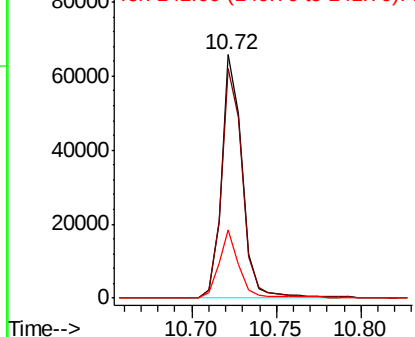


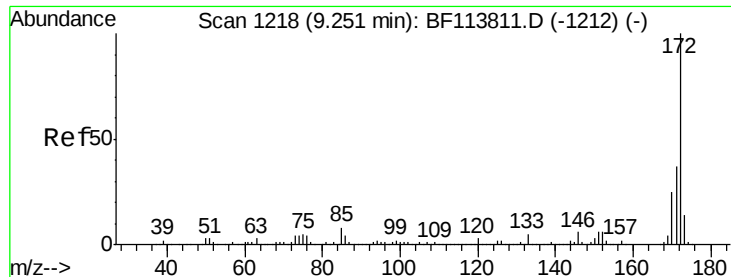
#42
2,4,6-Tribromophenol
Concen: 19.949 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF113866.D
Acq: 19 Apr 2019 18:39

Tgt Ion:330 Resp: 55737
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 27.6 22.2 33.2



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

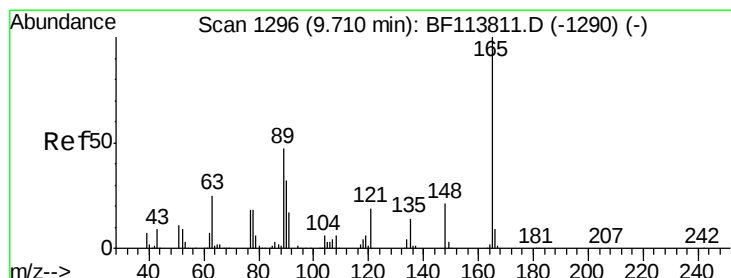
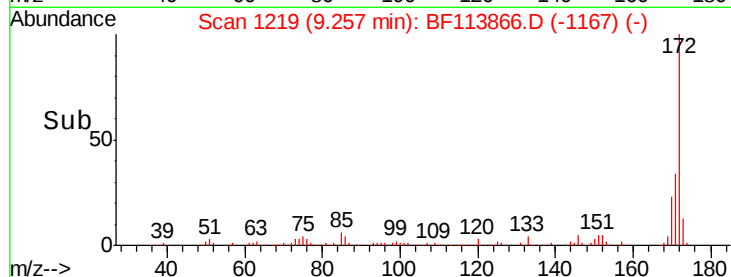
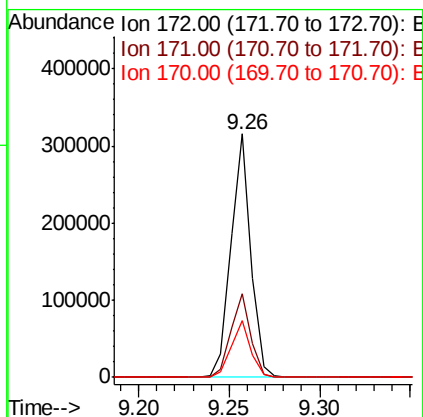
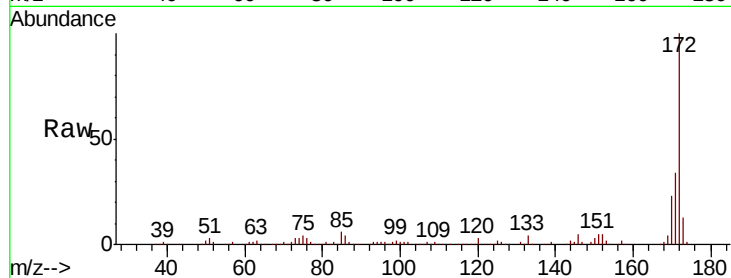




#45
 2-Fluorobiphenyl
 Concen: 14.504 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

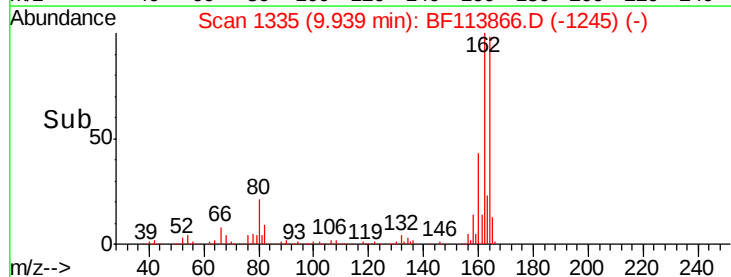
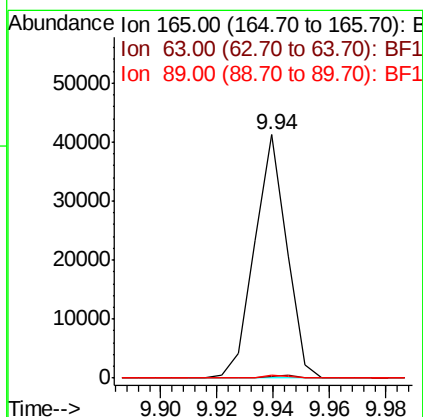
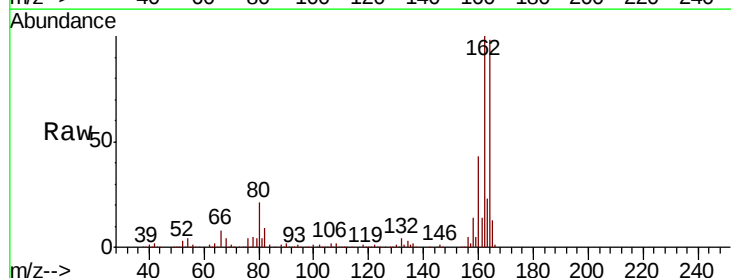
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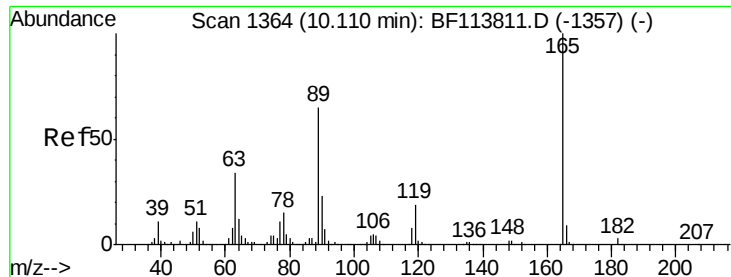
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.4	44.0
170	23.2	19.9	29.9



#51
 2,6-Dinitrotoluene
 Concen: 8.317 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.23 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.8	50.8#
89	1.0	38.2	57.2#

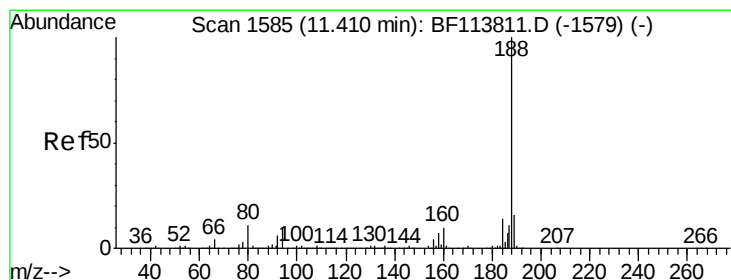
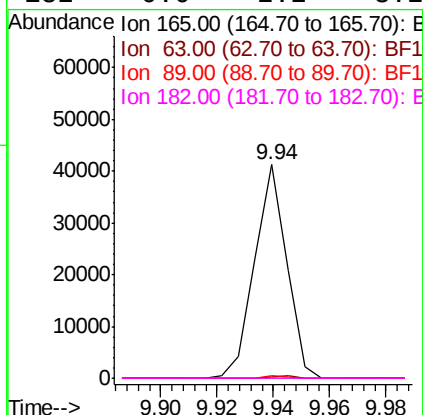
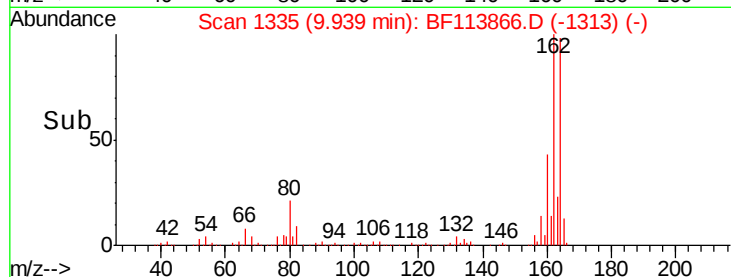
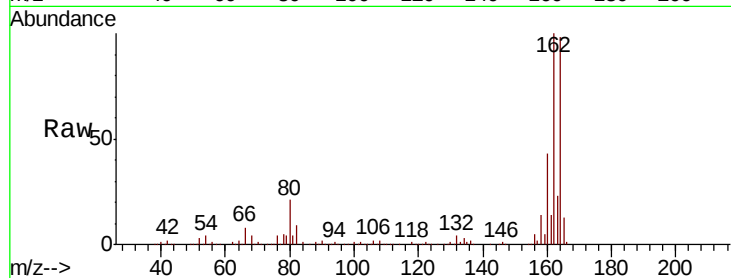




#57
 2,4-Dinitrotoluene
 Concen: 6.704 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

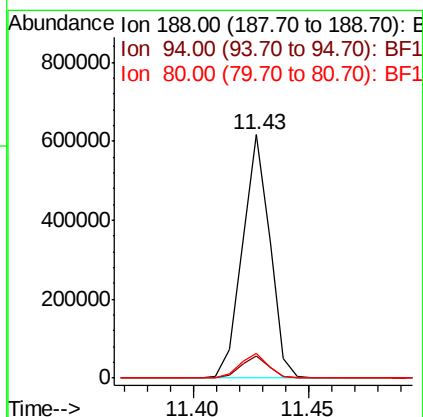
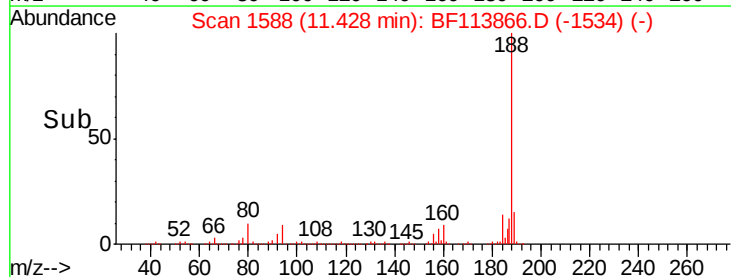
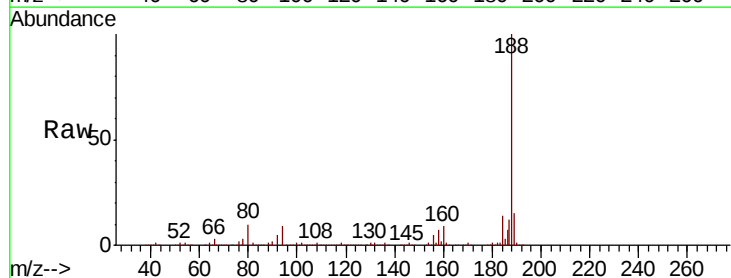
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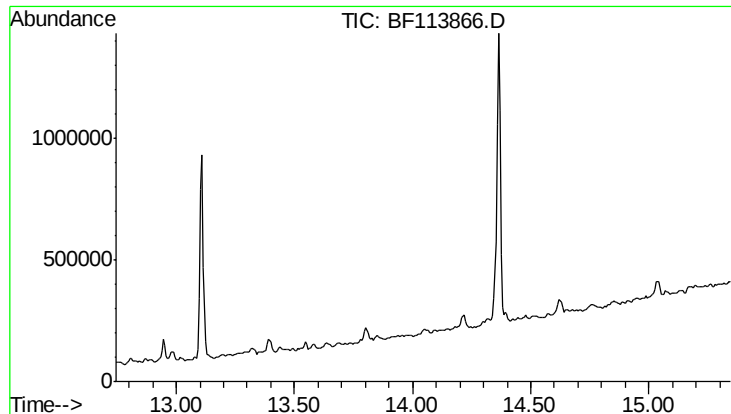
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	27.4	41.0#
89	1.0	51.8	77.6#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.02 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.4
80	10.0	9.0	13.6

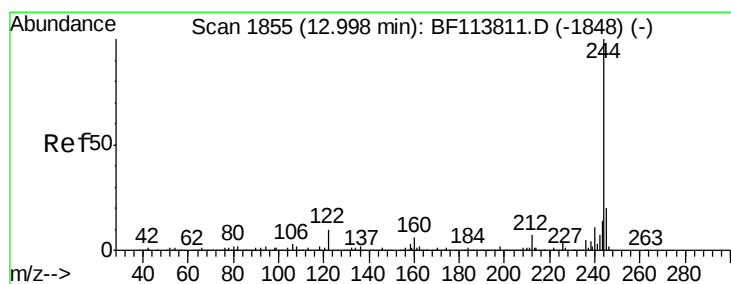
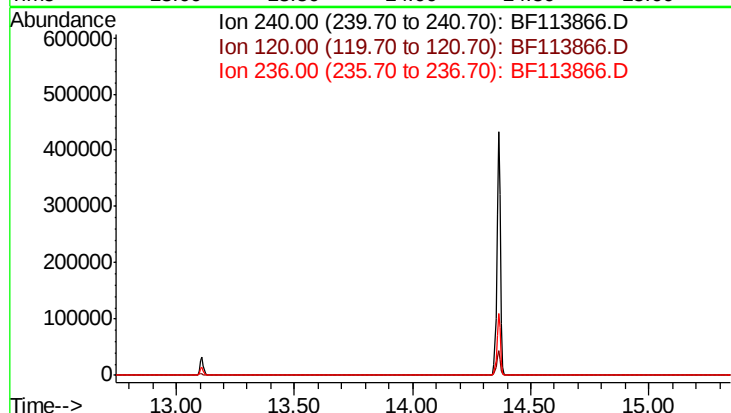




#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 14.04 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

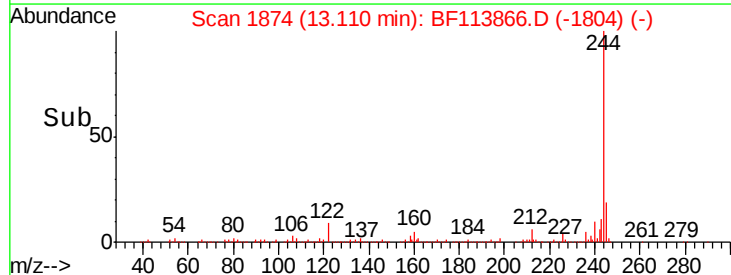
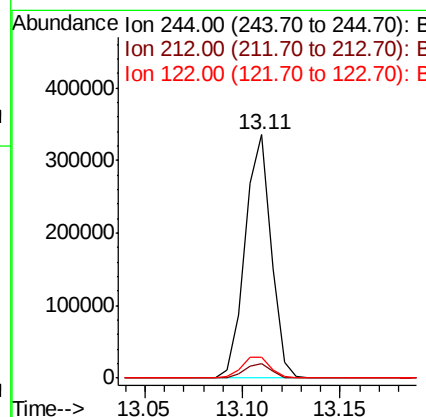
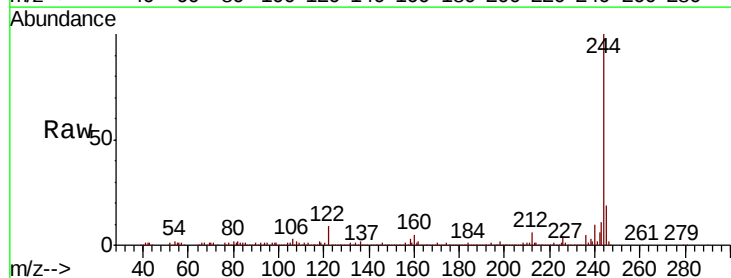
Instrument :
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 ClientSampleId :
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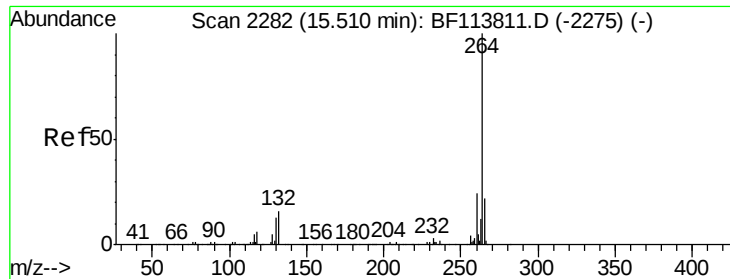
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 11.6
 236 26.5



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 13.11 min Scan# 1874
 Delta R.T. 0.11 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

Tgt Ion: 244 Resp: 310748
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.2
 122 8.8 7.6 11.4

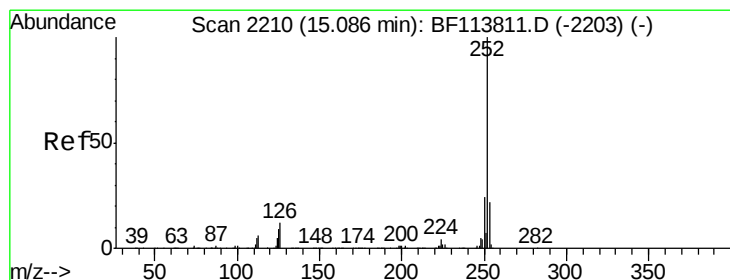
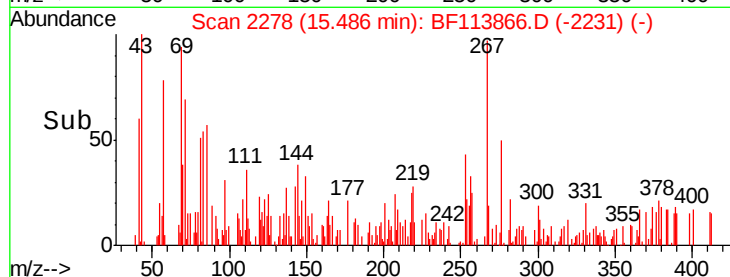
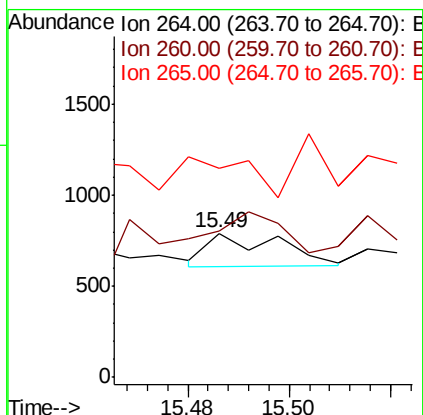
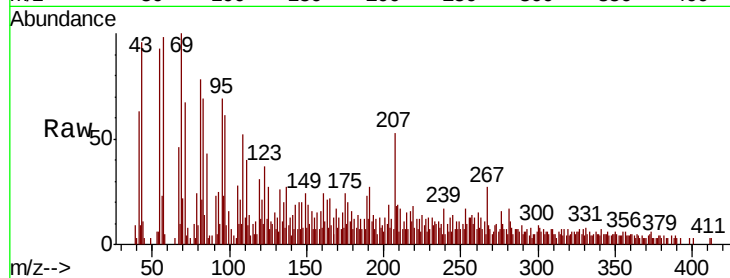




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF113866.D
Acq: 19 Apr 2019 18:39

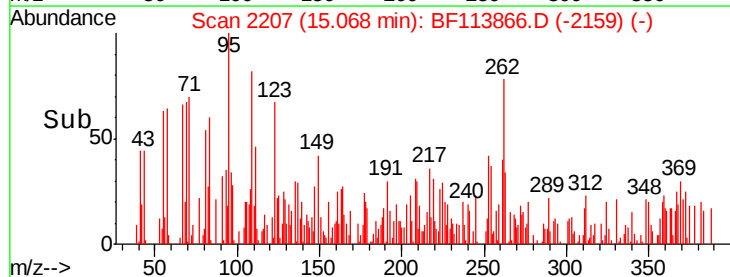
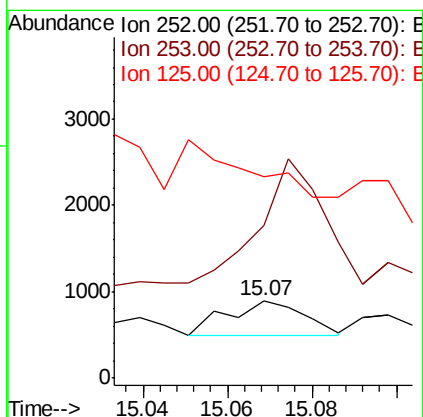
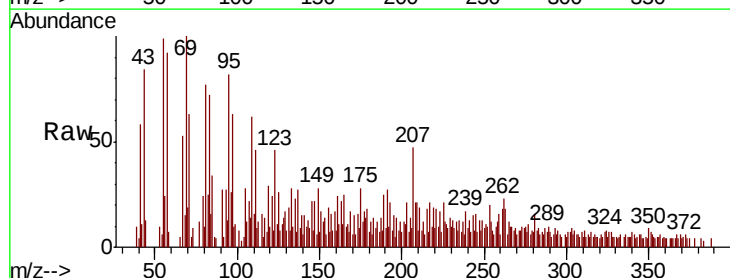
Instrument :
BNA_F
ClientSampleId :
OK-03-041719

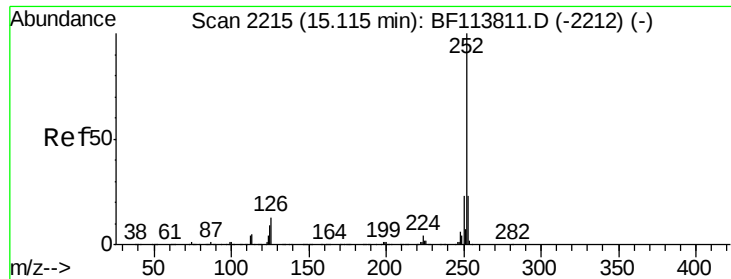
Tgt Ion: 264 Resp: 179
Ion Ratio Lower Upper
264 100
260 101.8 18.9 28.3#
265 145.3 17.3 25.9#



#88
Benzo(b)fluoranthene
Concen: 46.331 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF113866.D
Acq: 19 Apr 2019 18:39

Tgt Ion: 252 Resp: 517
Ion Ratio Lower Upper
252 100
253 198.5 17.8 26.6#
125 260.9 7.0 10.6#

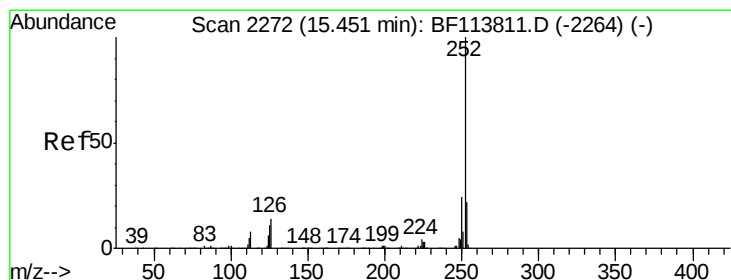
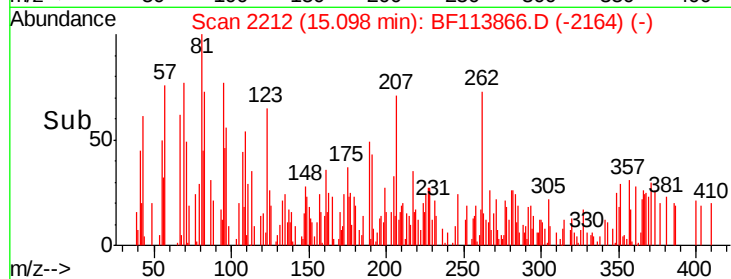
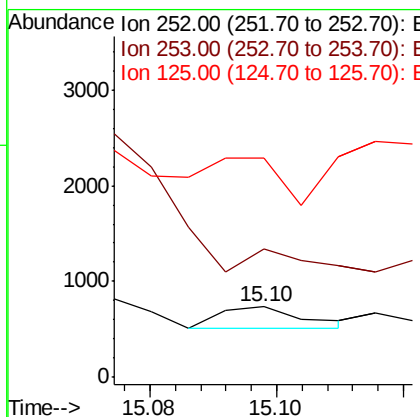
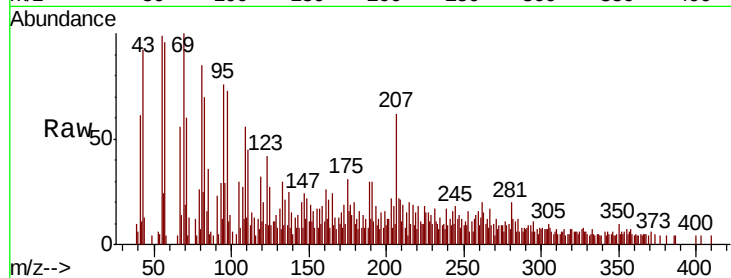




#89
Benzo(k)fluoranthene
Concen: 19.777 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF113866.D
Acq: 19 Apr 2019 18:39

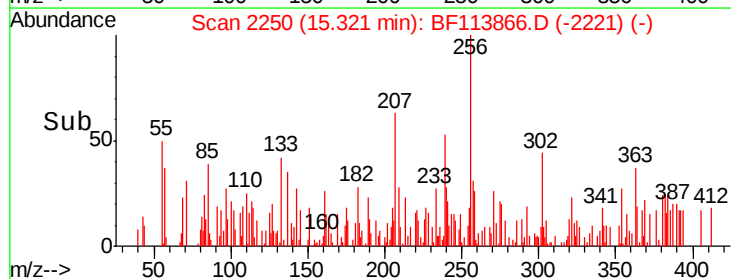
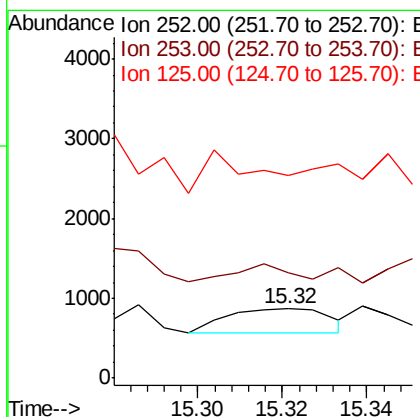
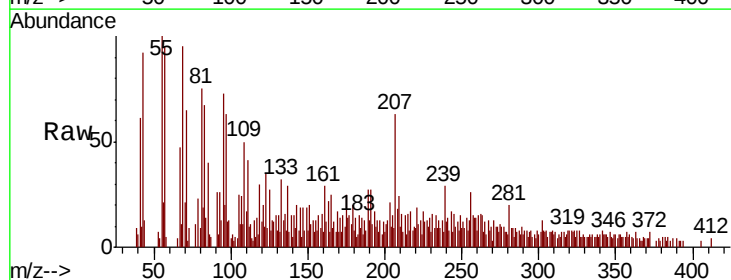
Instrument :
BNA_F
ClientSampleId :
OK-03-041719

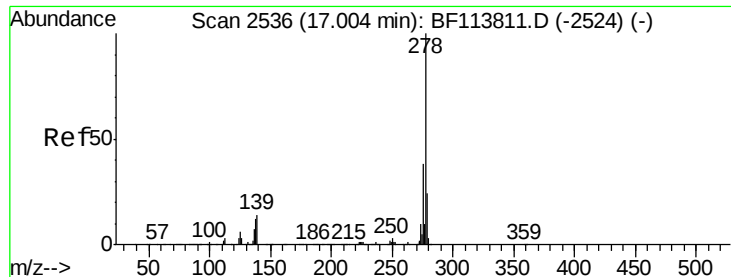
Tgt Ion: 252 Resp: 201
Ion Ratio Lower Upper
252 100
253 181.5 18.2 27.2#
125 310.0 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 51.890 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.13 min
Lab File: BF113866.D
Acq: 19 Apr 2019 18:39

Tgt Ion: 252 Resp: 512
Ion Ratio Lower Upper
252 100
253 152.4 17.5 26.3#
125 293.9 8.5 12.7#





#91

Dibenzo(a,h)anthracene

Concen: 39.069 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

Instrument :

BNA_F

ClientSampleId :

OK-03-041719

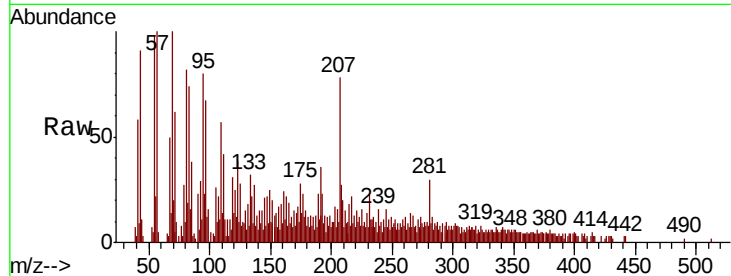
Tgt Ion:278 Resp: 343

Ion Ratio Lower Upper

278 100

139 172.9 11.6 17.4#

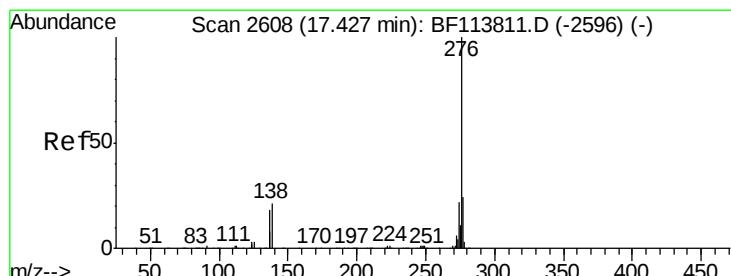
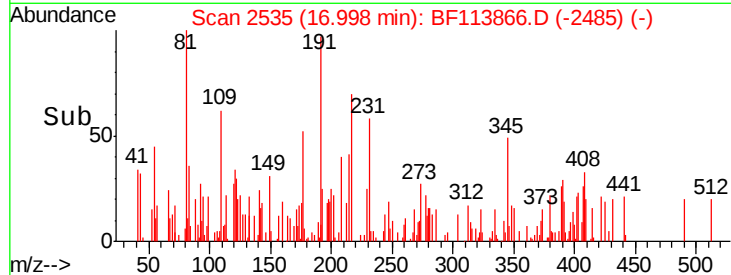
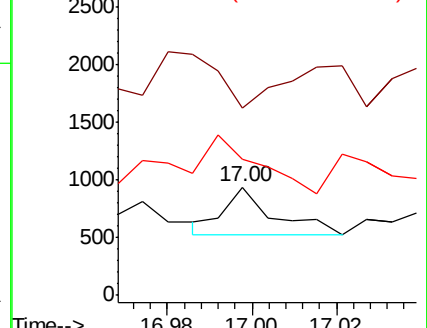
279 126.0 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.800 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.03 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

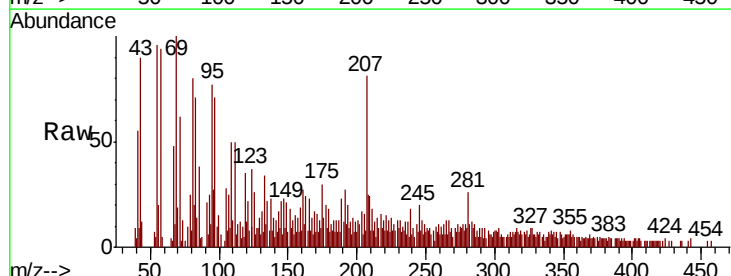
Tgt Ion:276 Resp: 373

Ion Ratio Lower Upper

276 100

277 118.5 19.0 28.4#

138 84.8 16.6 25.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

