

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113520.D
 Acq On : 2 Apr 2019 22:09
 Operator : JU/SJ
 Sample : K2182-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8A-S8B(12-16)COMP

Manual Integrations
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Sohil
 4/3/2019 12:42:46 PM

Quant Time: Apr 03 07:53:49 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	6.69	152	135975	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	503828	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	234306	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	416138	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	319929	20.00	ng	-0.02
87) Perylene-d12	15.23	264	359047	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	762089	91.64	ng	-0.01
7) Phenol-d6	6.34	99	995087	94.59	ng	-0.02
23) Nitrobenzene-d5	7.26	82	591396	69.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	266970	92.24	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1101740	70.74	ng	-0.02
79) Terphenyl-d14	12.78	244	949209	65.40	ng	-0.02
Target Compounds						
10) Phenol	6.35	94	32133	2.675	ng	Qvalue # 75
50) Dimethylphthalate	9.44	163	84967	4.893	ng	99
71) Phenanthrene	11.22	178	323834	15.670	ng	98
72) Anthracene	11.27	178	52205	2.487	ng	98
75) Fluoranthene	12.40	202	249932	10.698	ng	99
78) Pyrene	12.63	202	382190	17.239	ng	99
81) Benzo(a)anthracene	13.82	228	140807	7.689	ng	100
83) Chrysene	13.85	228	156417	8.409	ng	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	49224	3.083	ng	98
88) Benzo(b)fluoranthene	14.84	252	171355m	7.683	ng	
90) Benzo(a)pyrene	15.17	252	97698	4.941	ng	99
92) Benzo(g,h,i)perylene	16.99	276	49522	2.873	ng	# 94

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

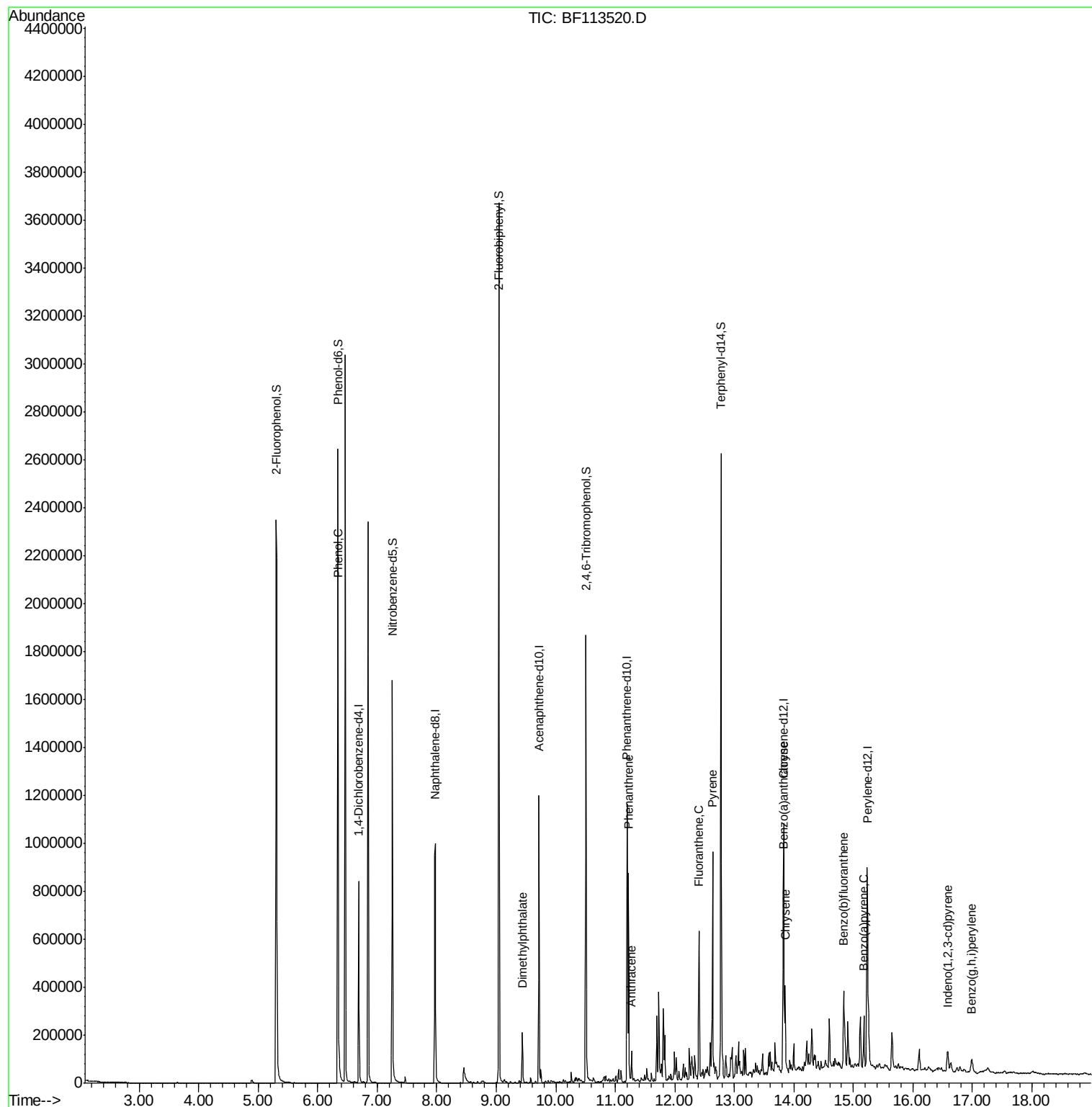
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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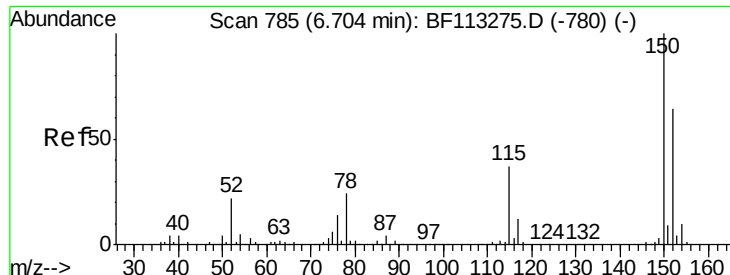
Instrument :
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S8A-S8B(12-16)COMP

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#1

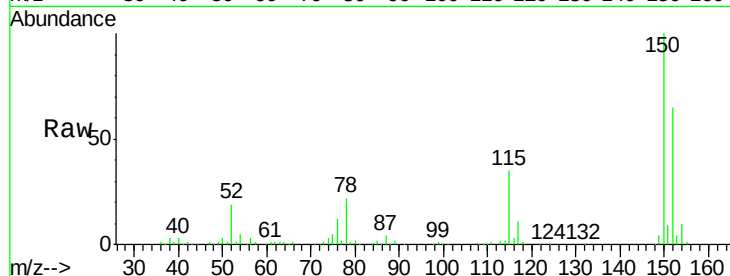
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Instrument :
BNA_F
ClientSampleId :
S8A-S8B(12-16)COMP

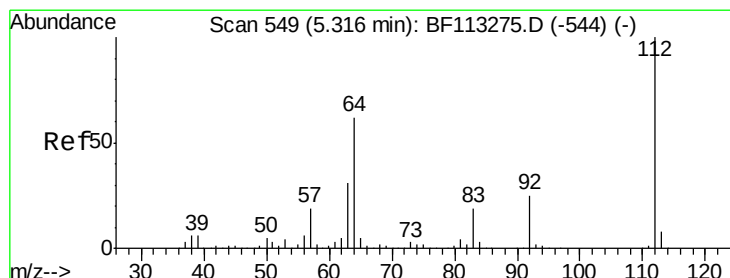
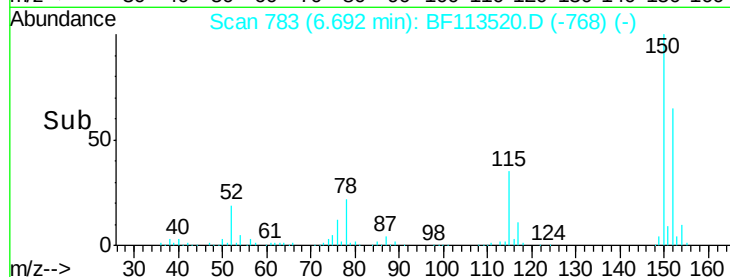
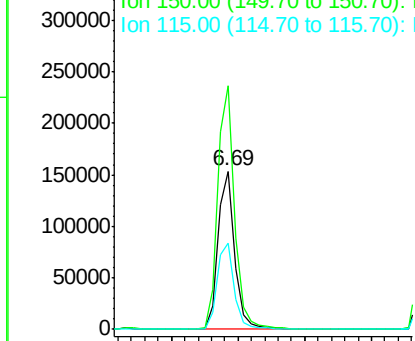
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.7	187.1
115	54.5	46.0	69.0

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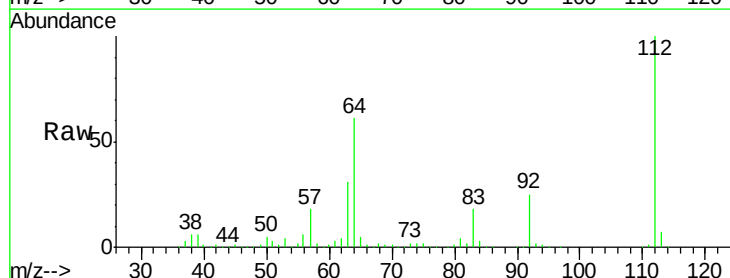
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



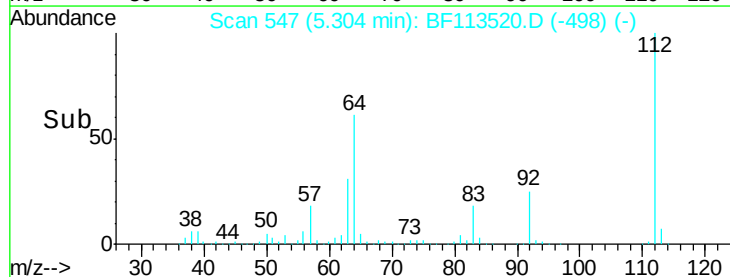
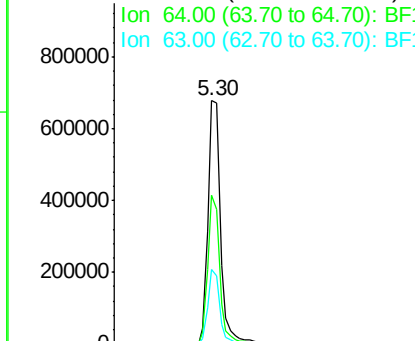
#5

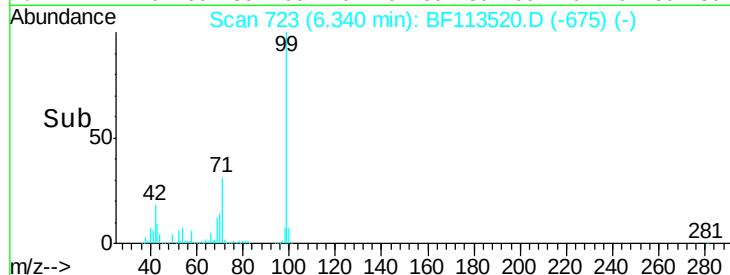
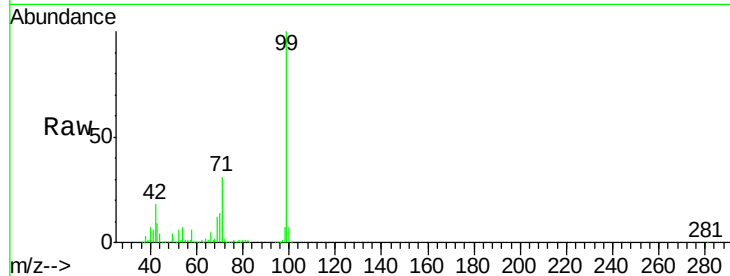
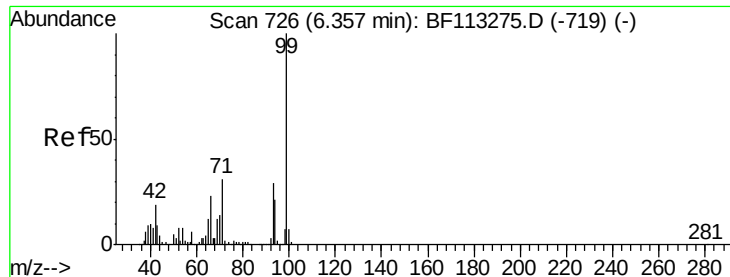
2-Fluorophenol
Concen: 91.642 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.2	73.8
63	30.8	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: 94.589 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF113520.D

Acq: 2 Apr 2019 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		995087		
42	18.2	14.8	22.2		
71	31.4	24.9	37.3		

Instrument :

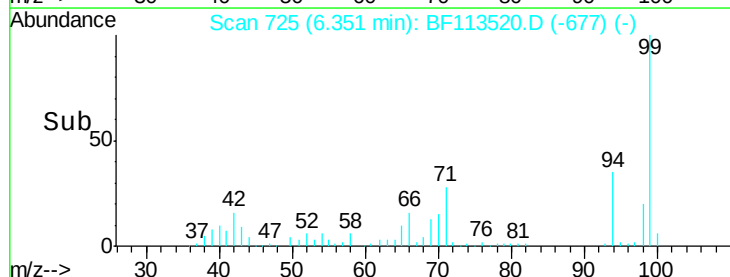
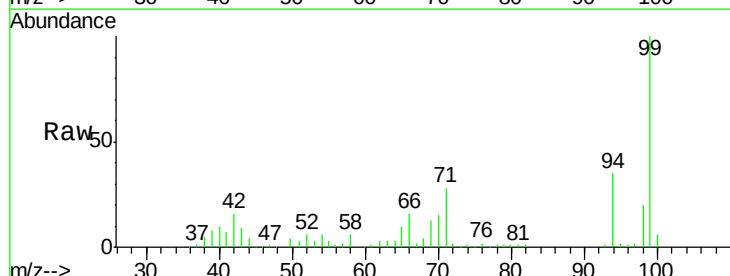
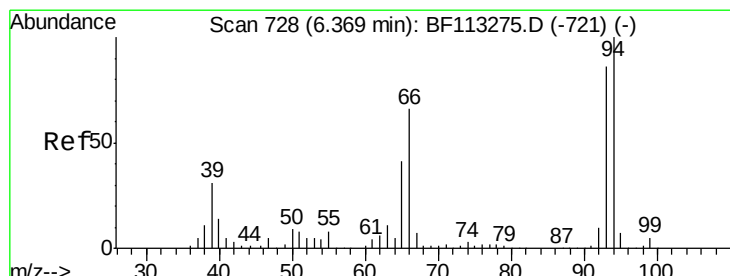
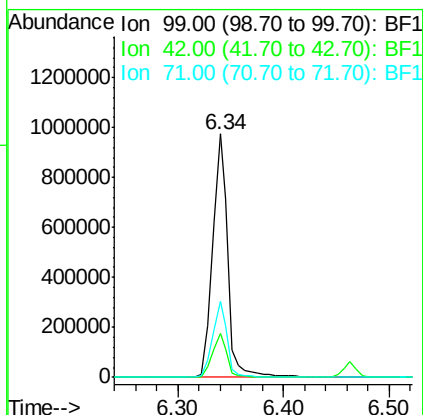
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 2.675 ng

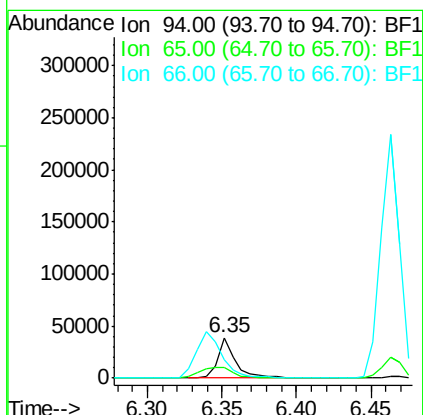
RT: 6.35 min Scan# 725

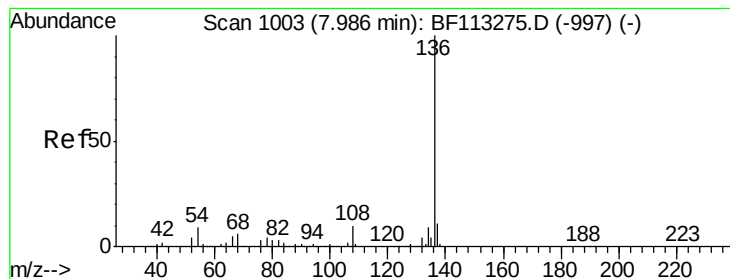
Delta R.T. -0.02 min

Lab File: BF113520.D

Acq: 2 Apr 2019 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		32133		
65	27.7	21.4	61.4		
66	45.4	46.4	86.4#		





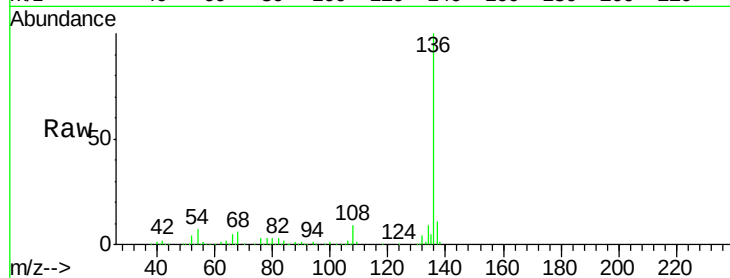
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Instrument :
BNA_F
ClientSampleId :
S8A-S8B(12-16)COMP

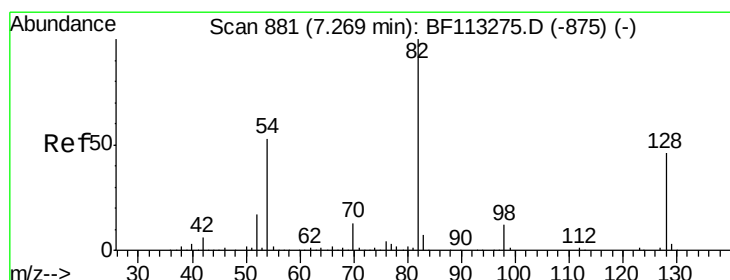
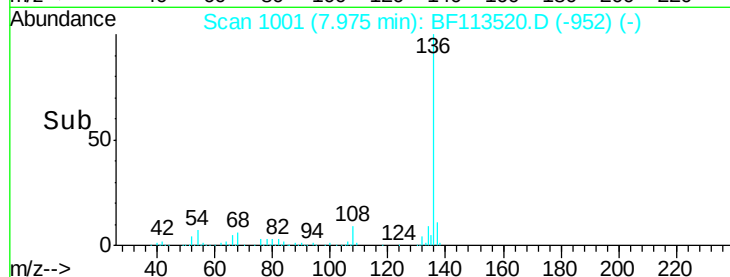
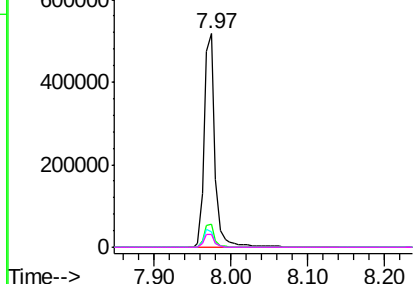
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	503828		
137	10.9		8.9	13.3
54	7.3		7.0	10.6
68	5.8		4.8	7.2

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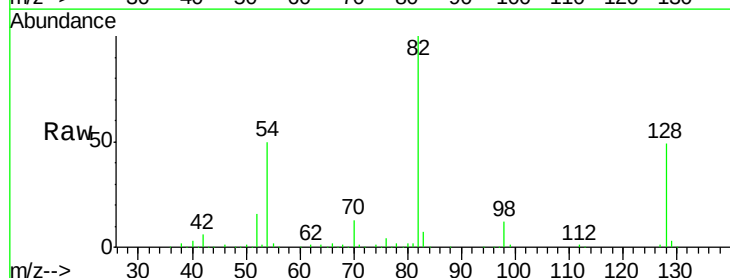


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
200000
0

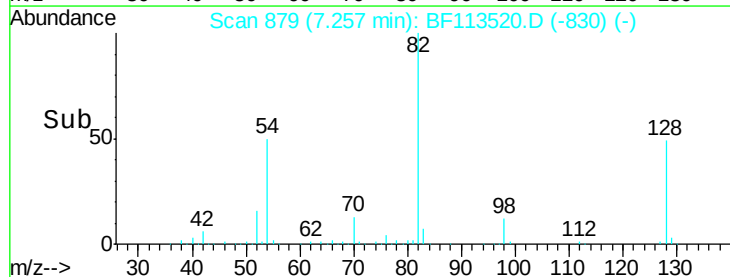
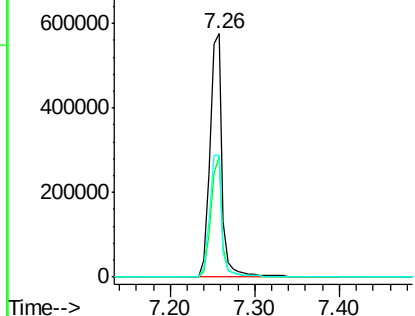


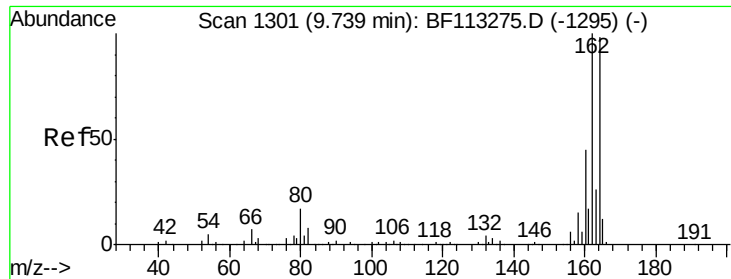
#23
Nitrobenzene-d5
Concen: 69.670 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	591396		
128	49.5		36.5	54.7
54	50.0		42.2	63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
200000
0





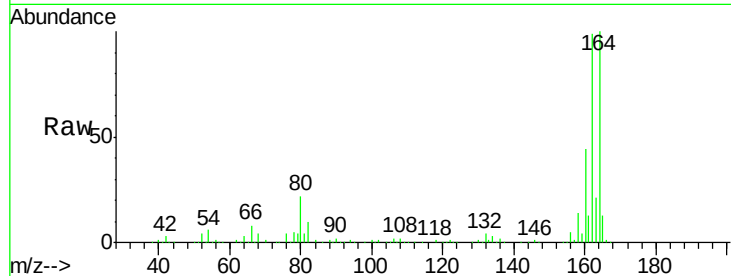
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Instrument :
BNA_F
ClientSampleId :
S8A-S8B(12-16)COMP

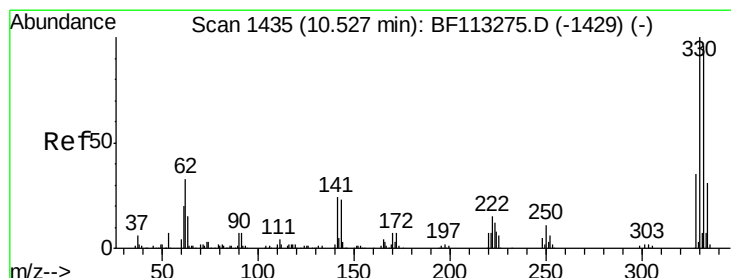
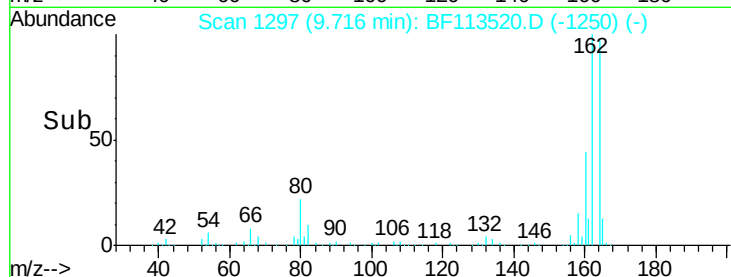
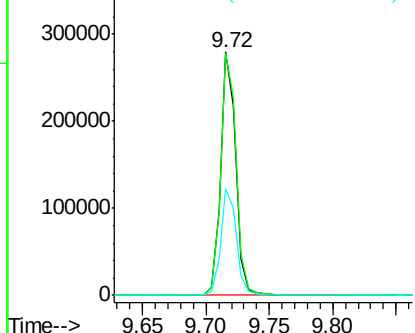
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	234306		
162	99.3	81.8	122.6	
160	43.8	36.4	54.6	

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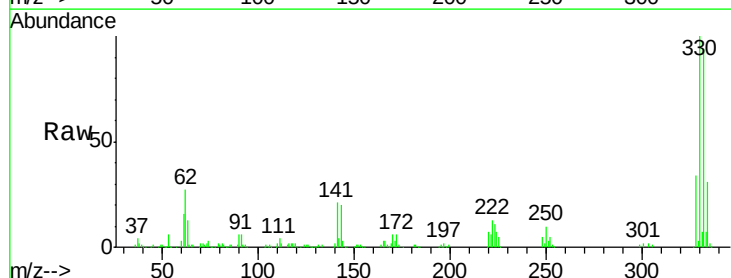


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

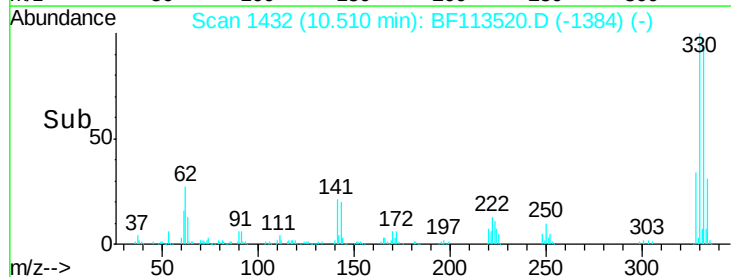
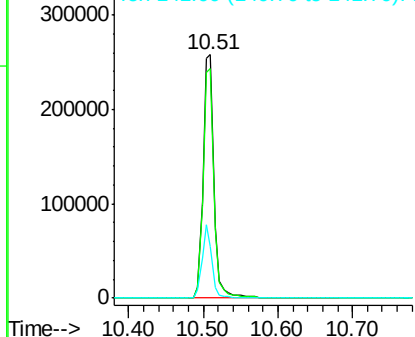


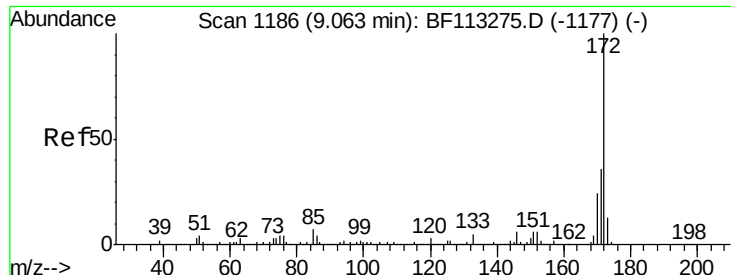
#42
2,4,6-Tribromophenol
Concen: 92.243 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	266970		
332	94.4	77.8	116.6	
141	27.4	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





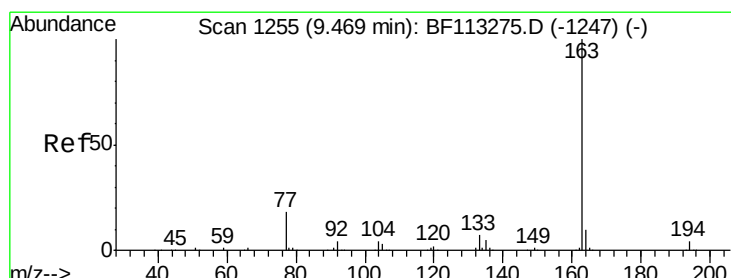
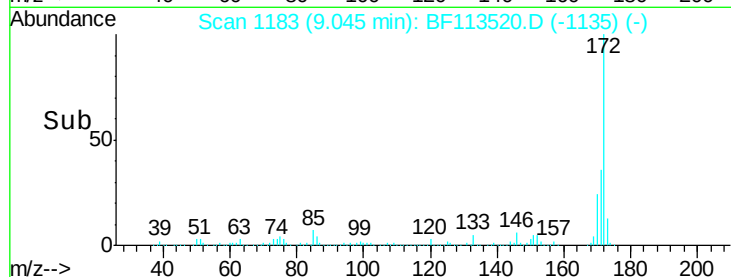
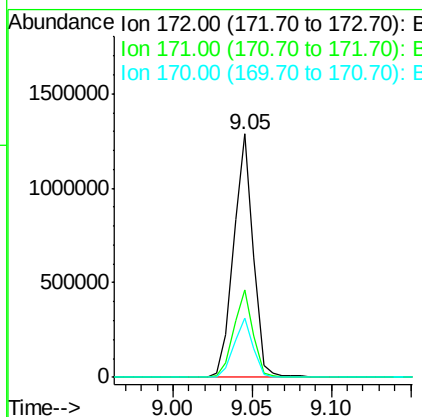
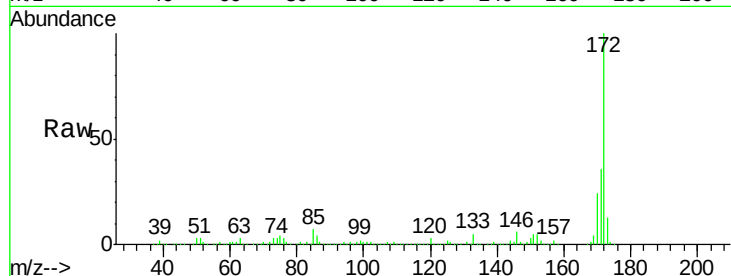
#45
2-Fluorobiphenyl
Concen: 70.741 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Instrument :
BNA_F
ClientSampleId :
S8A-S8B(12-16)COMP

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.2	19.5	29.3

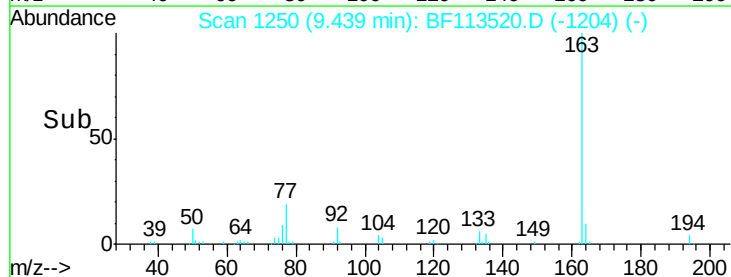
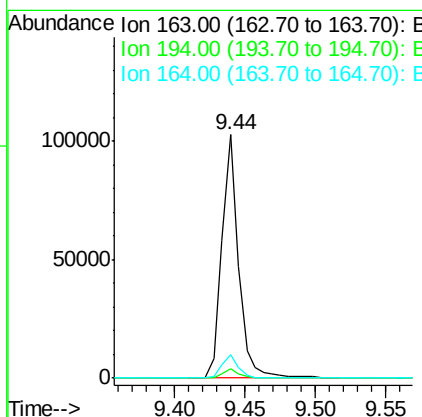
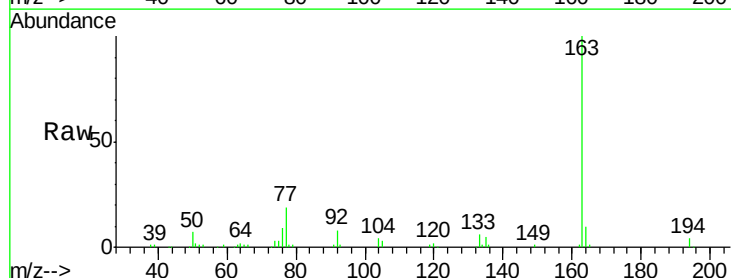
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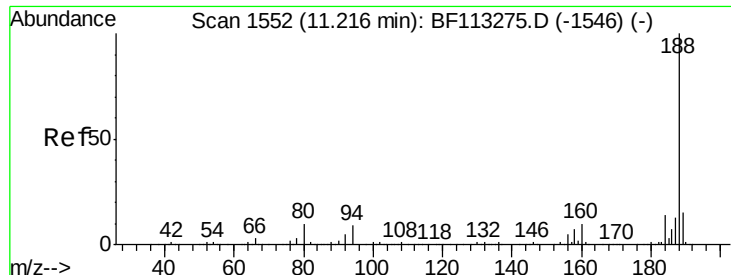
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#50
Dimethylphthalate
Concen: 4.893 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.8	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF113520.D

Acq: 2 Apr 2019 22:09

Instrument :

BNA_F

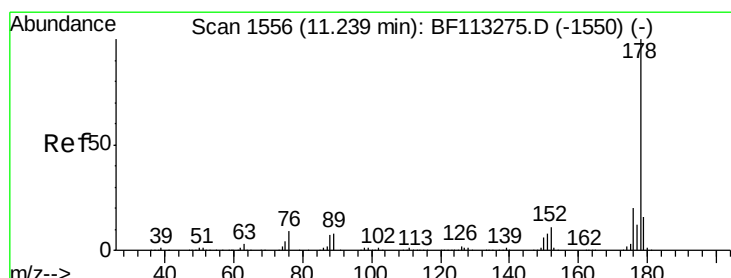
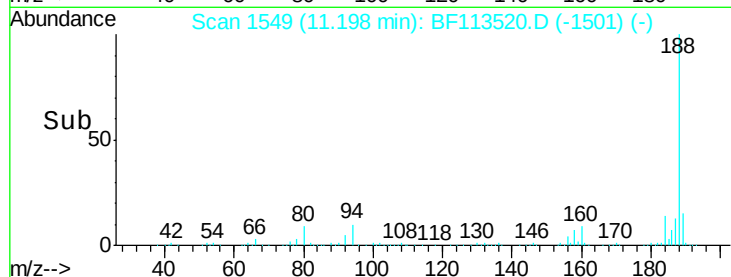
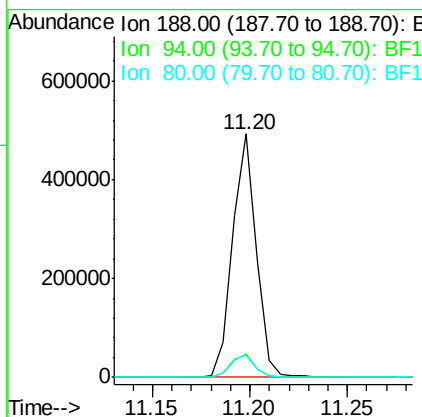
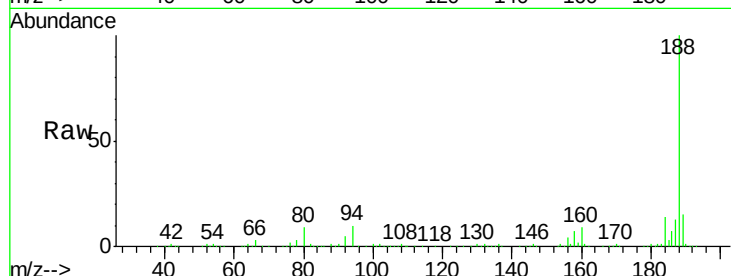
ClientSampleId :

S8A-S8B(12-16)COMP

Tgt Ion:	188	Resp:	416138
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.0	10.6
80	9.3	7.7	11.5

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#71

Phenanthrene

Concen: 15.670 ng

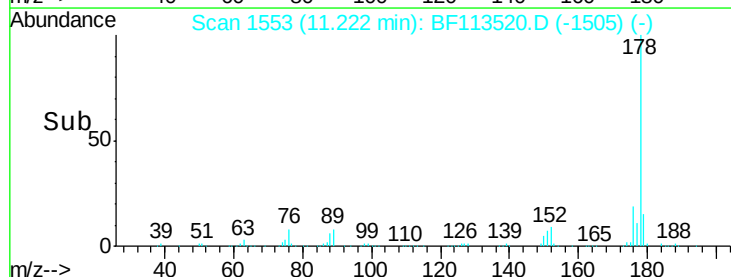
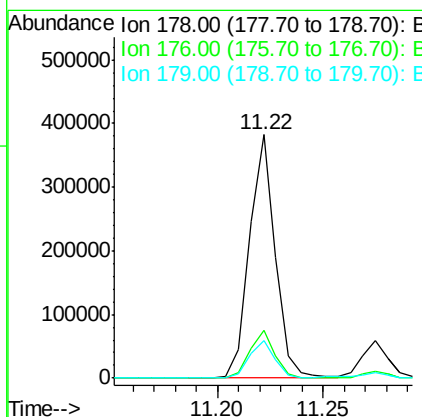
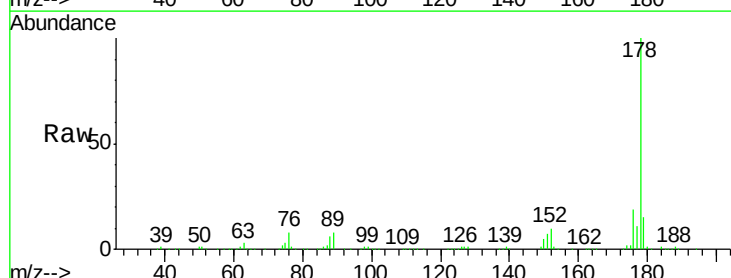
RT: 11.22 min Scan# 1553

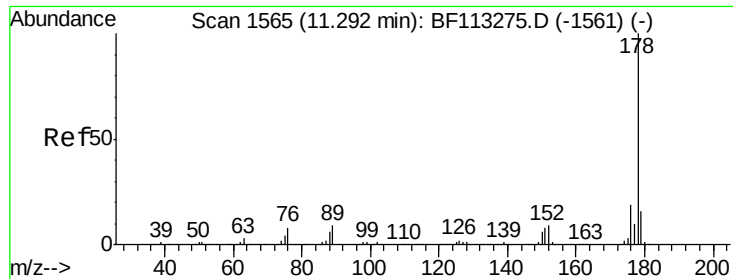
Delta R.T. -0.02 min

Lab File: BF113520.D

Acq: 2 Apr 2019 22:09

Tgt Ion:	178	Resp:	323834
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.2	24.2
179	15.3	12.7	19.1





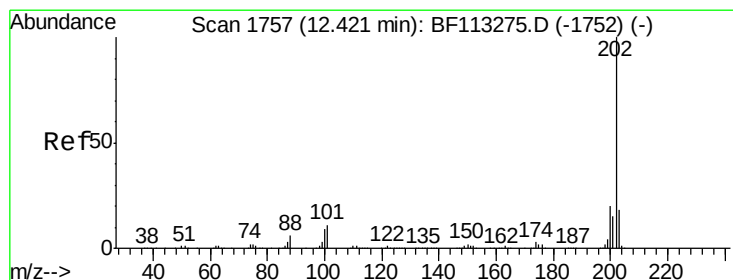
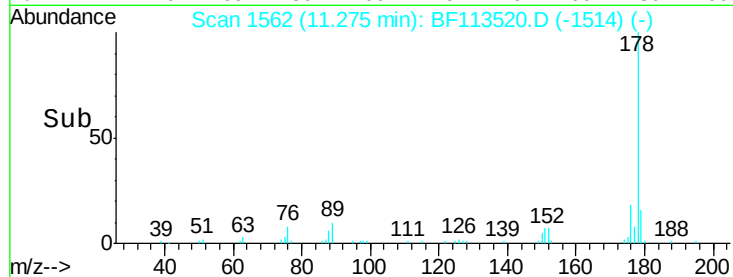
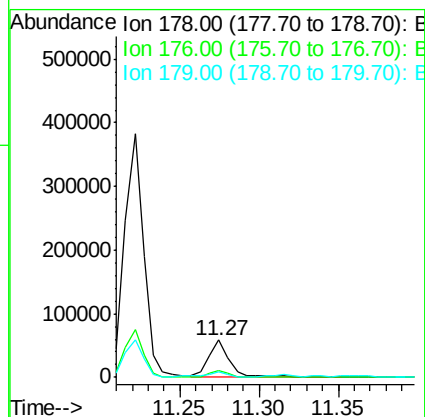
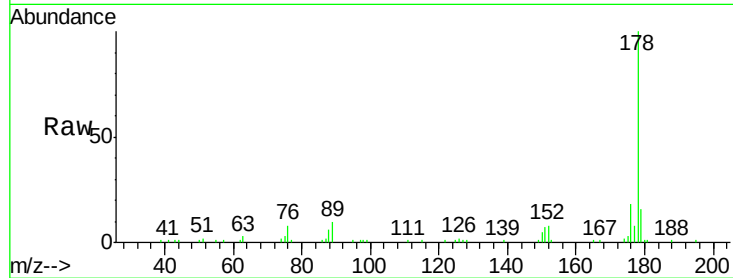
#72
 Anthracene
 Concen: 2.487 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF113520.D
 Acq: 2 Apr 2019 22:09

Instrument :
 BNA_F
 ClientSampleId :
 S8A-S8B(12-16)COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.6	12.8	19.2

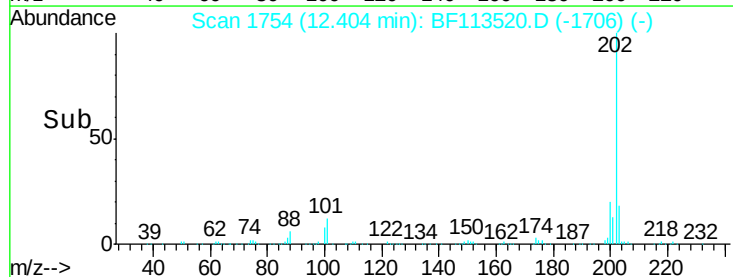
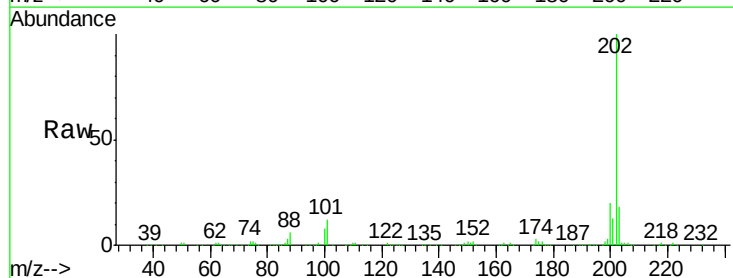
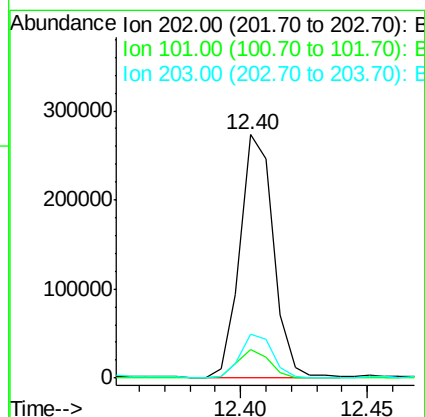
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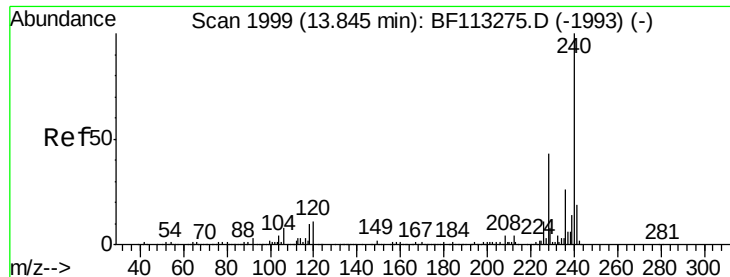
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#75
 Fluoranthene
 Concen: 10.698 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BF113520.D
 Acq: 2 Apr 2019 22:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	18.0	0.0	38.0





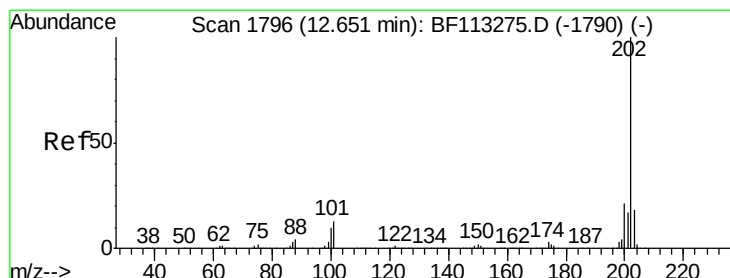
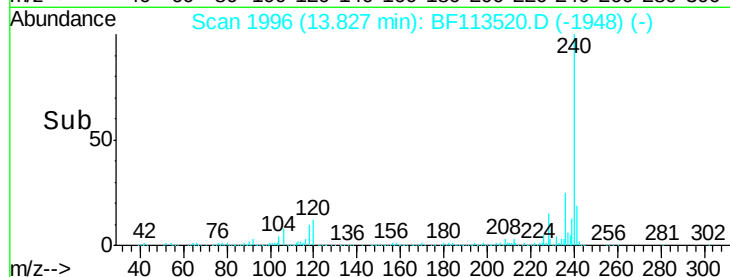
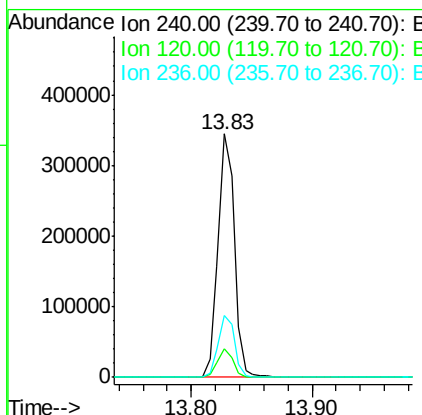
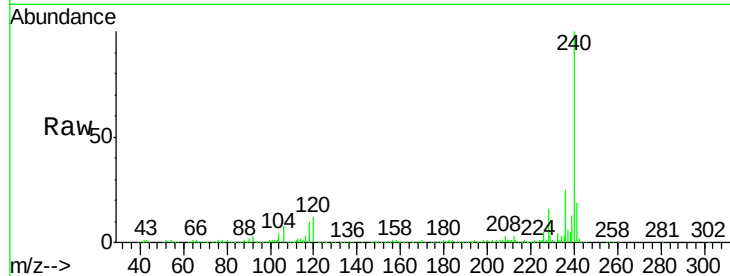
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Instrument :
BNA_F
ClientSampleId :
S8A-S8B(12-16)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	319929		
120	11.7	8.8	13.2	
236	25.3	20.9	31.3	

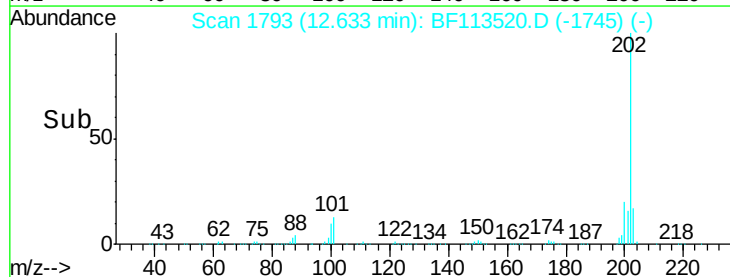
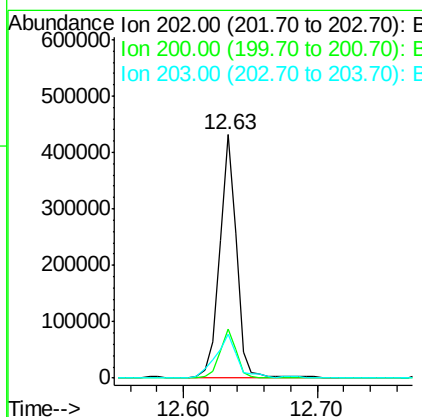
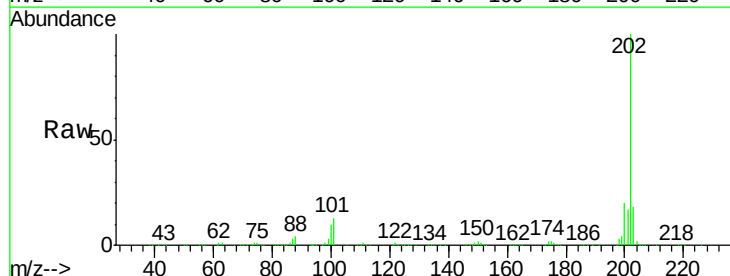
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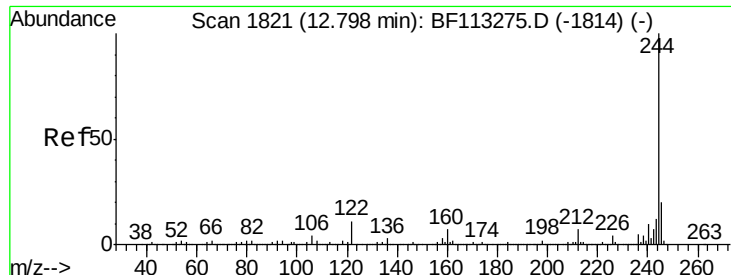
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#78
Pyrene
Concen: 17.239 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	382190		
200	20.1	16.8	25.2	
203	17.9	14.4	21.6	





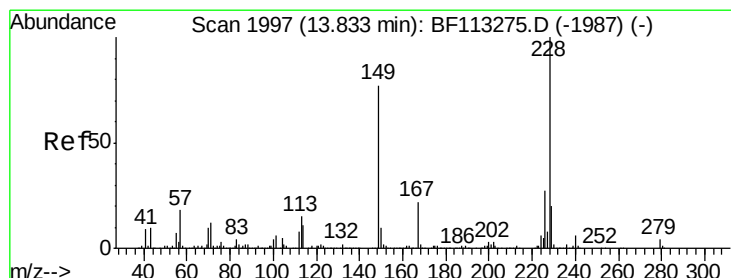
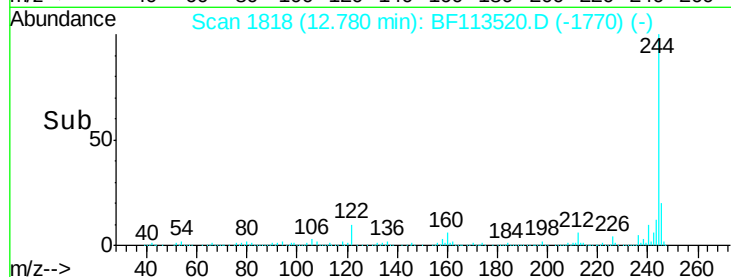
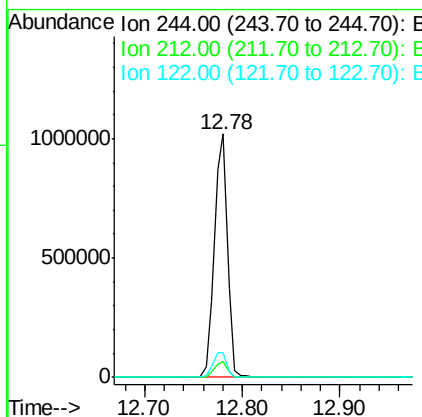
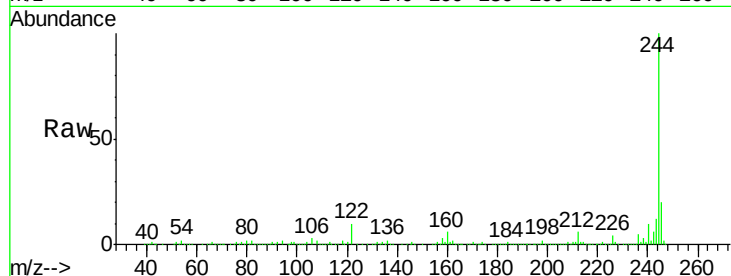
#79
 Terphenyl-d14
 Concen: 65.396 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF113520.D
 Acq: 2 Apr 2019 22:09

Instrument :
 BNA_F
 ClientSampleId :
 S8A-S8B(12-16)COMP

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.5	8.3
122	10.2	8.6	13.0

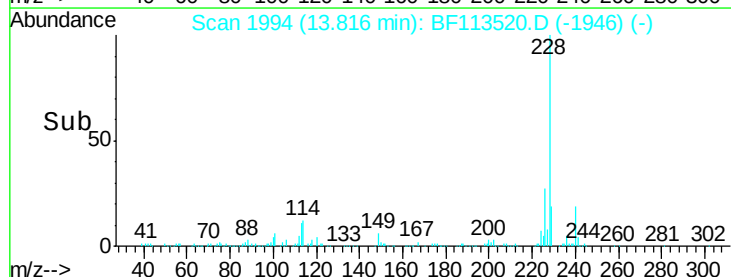
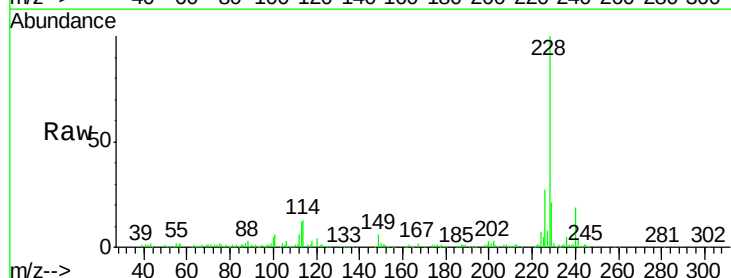
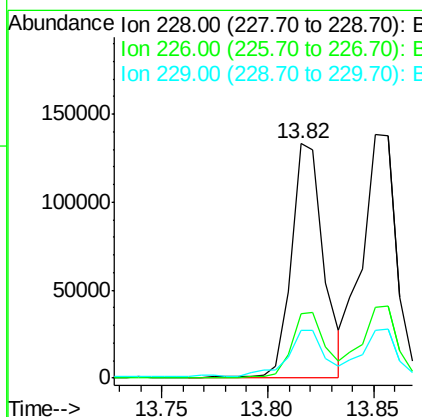
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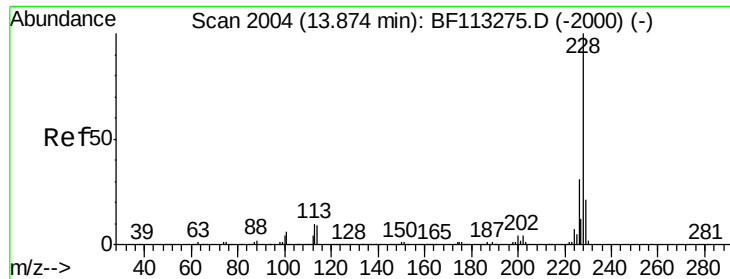
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#81
 Benzo(a)anthracene
 Concen: 7.689 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF113520.D
 Acq: 2 Apr 2019 22:09

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.6	16.2	24.4





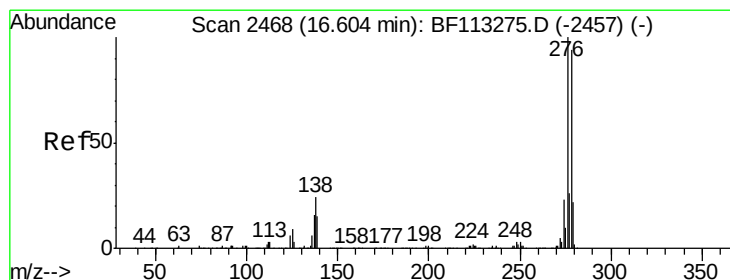
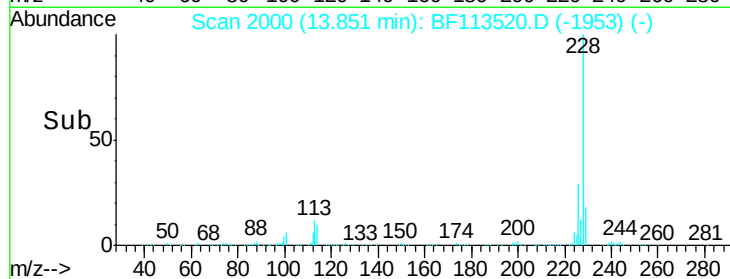
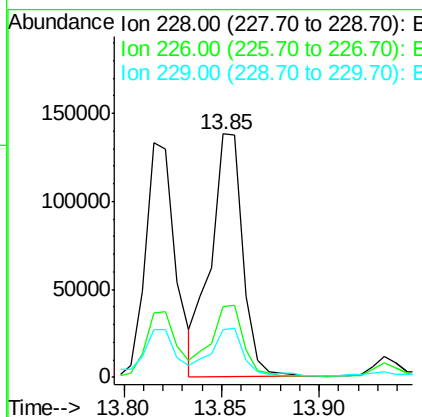
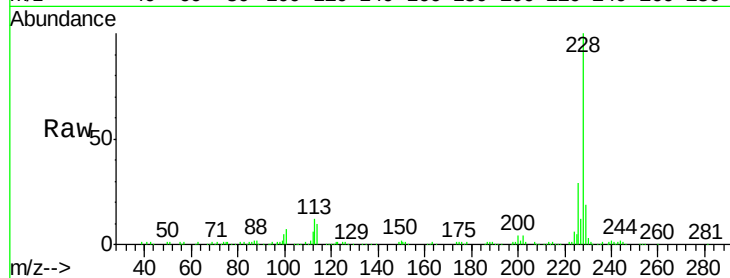
#83
Chrysene
Concen: 8.409 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Instrument :
BNA_F
ClientSampleId :
S8A-S8B(12-16)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	156417		
226	29.3	24.3	36.5	
229	19.4	16.3	24.5	

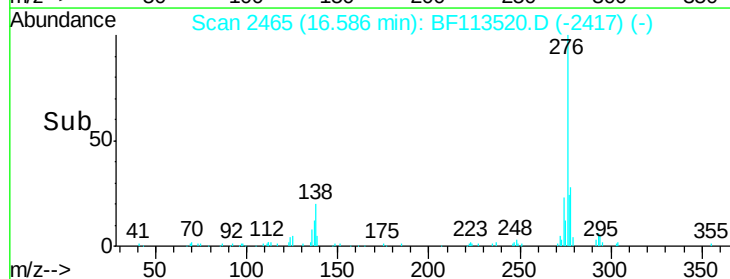
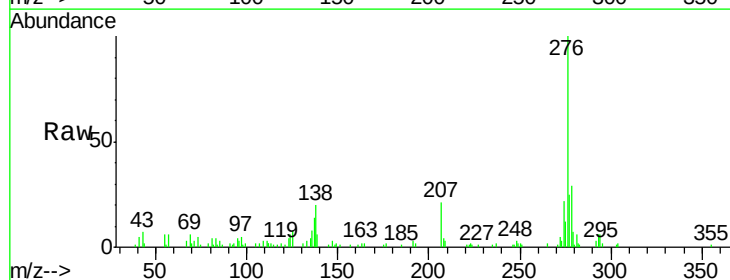
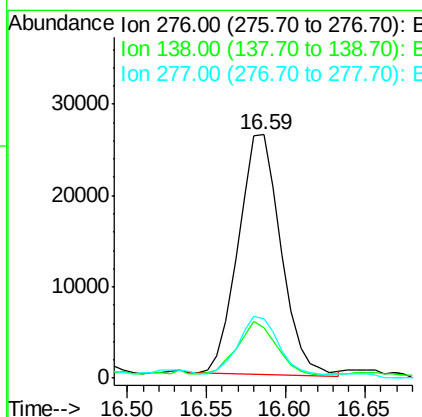
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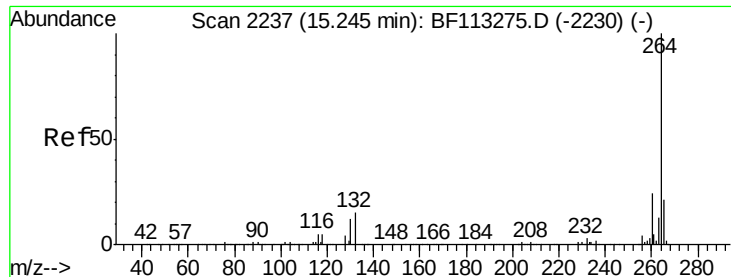
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.083 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	49224		
138	23.4	18.1	27.1	
277	26.0	20.2	30.4	





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113520.D

Acq: 2 Apr 2019 22:09

Instrument :

BNA_F

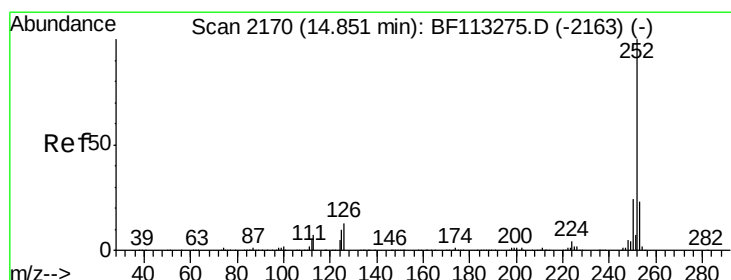
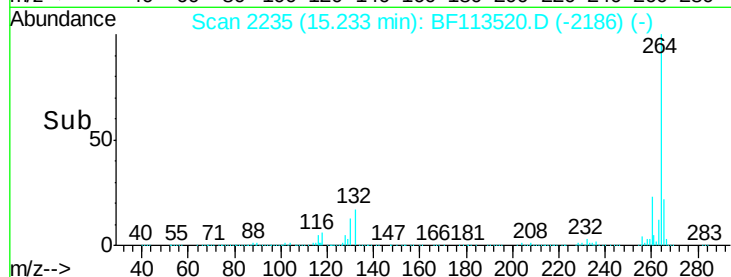
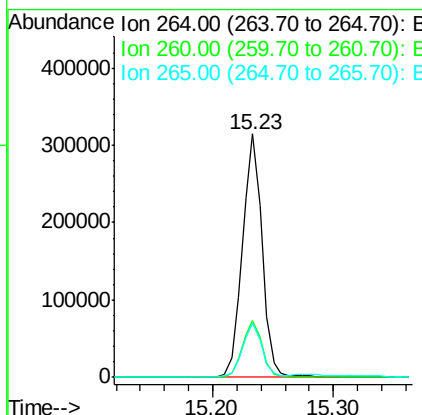
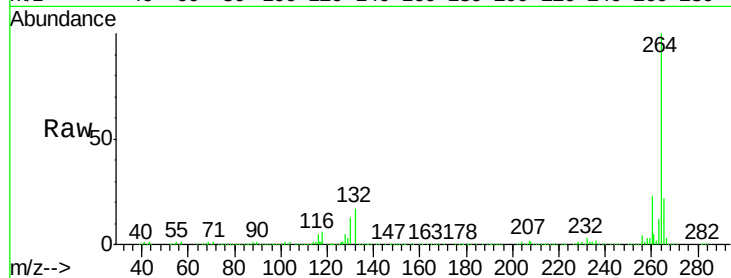
ClientSampleId :

S8A-S8B(12-16)COMP

Tgt Ion:	264	Resp:	359047
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.1	28.7
265	22.3	17.1	25.7

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 7.683 ng m

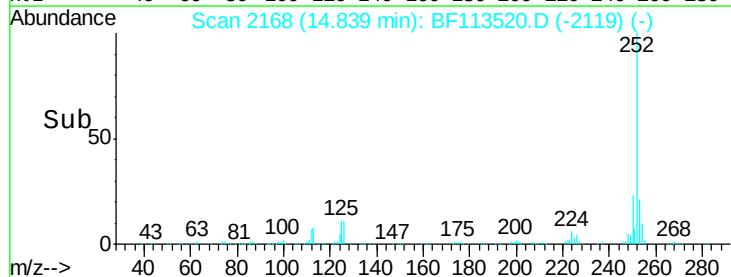
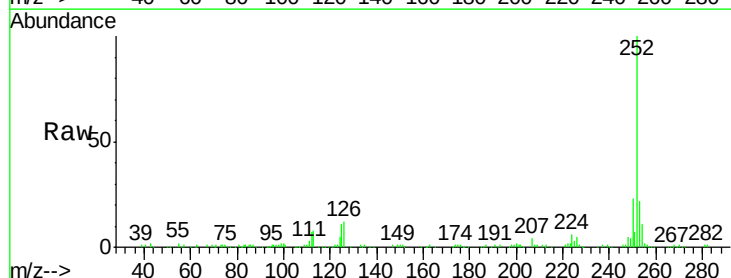
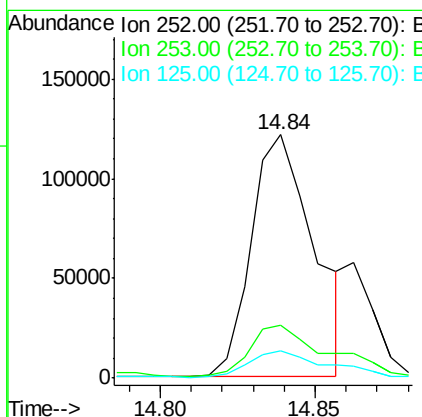
RT: 14.84 min Scan# 2168

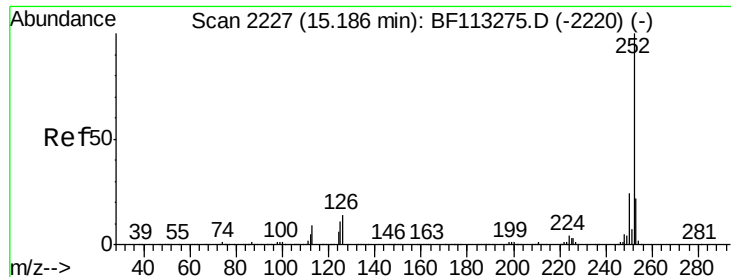
Delta R.T. -0.01 min

Lab File: BF113520.D

Acq: 2 Apr 2019 22:09

Tgt Ion:	252	Resp:	171355
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.0	27.0
125	11.1	7.6	11.4





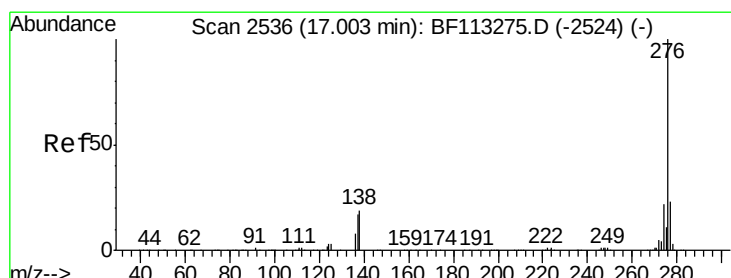
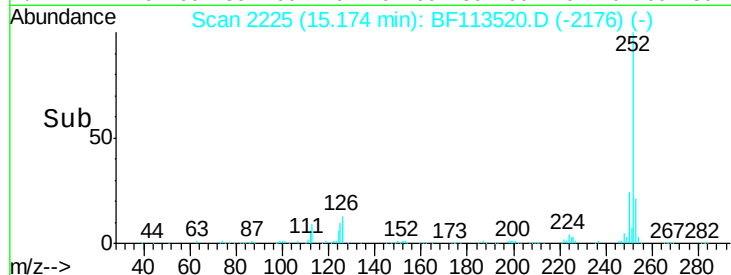
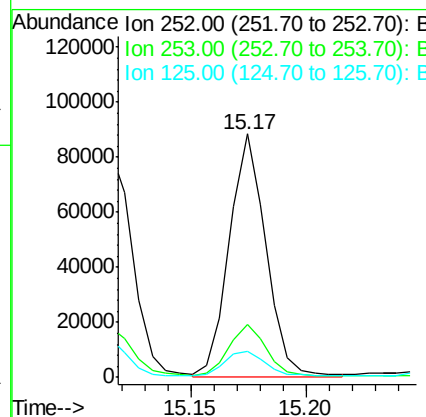
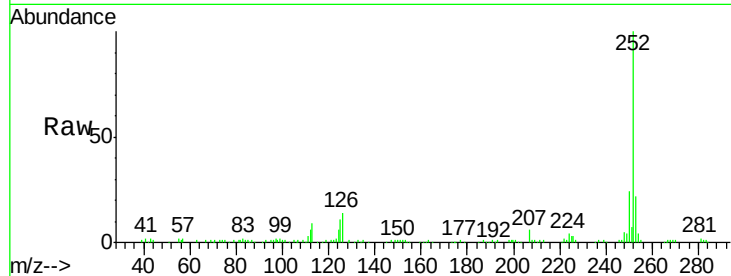
#90
Benzo(a)pyrene
Concen: 4.941 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Instrument :
BNA_F
ClientSampleId :
S8A-S8B(12-16)COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.9	8.8	13.2

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#92
Benzo(g,h,i)perylene
Concen: 2.873 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF113520.D
Acq: 2 Apr 2019 22:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	25.4	15.6	23.4

