

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098020.D
 Acq On : 24 Aug 2017 23:47
 Operator : SJ/JU
 Sample : I4920-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-B

Manual Integrations
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Quant Time: Aug 25 02:35:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	121038	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	457520	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	182177	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	291856	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	256769	20.00	ng	-0.01
86) Perylene-d12	15.30	264	184827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1095747	137.70	ng	0.00
7) Phenol-d6	6.38	99	1463296	135.34	ng	0.00
23) Nitrobenzene-d5	7.30	82	914011	108.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	204932	129.65	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1175348	94.79	ng	-0.01
78) Terphenyl-d14	12.84	244	813480	66.07	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	39416	3.117	ng	Qvalue 91
49) Dimethylphthalate	9.49	163	198822	14.930	ng	98
70) Phenanthrene	11.27	178	64337	4.137	ng	99
74) Fluoranthene	12.46	202	76000	4.682	ng	98
77) Pyrene	12.69	202	74879	3.566	ng	97
80) Benzo(a)anthracene	13.87	228	30885	2.007	ng	# 90
82) Chrysene	13.91	228	34820	2.275	ng	# 93
87) Benzo(b)fluoranthene	14.90	252	31640m	2.716	ng	

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

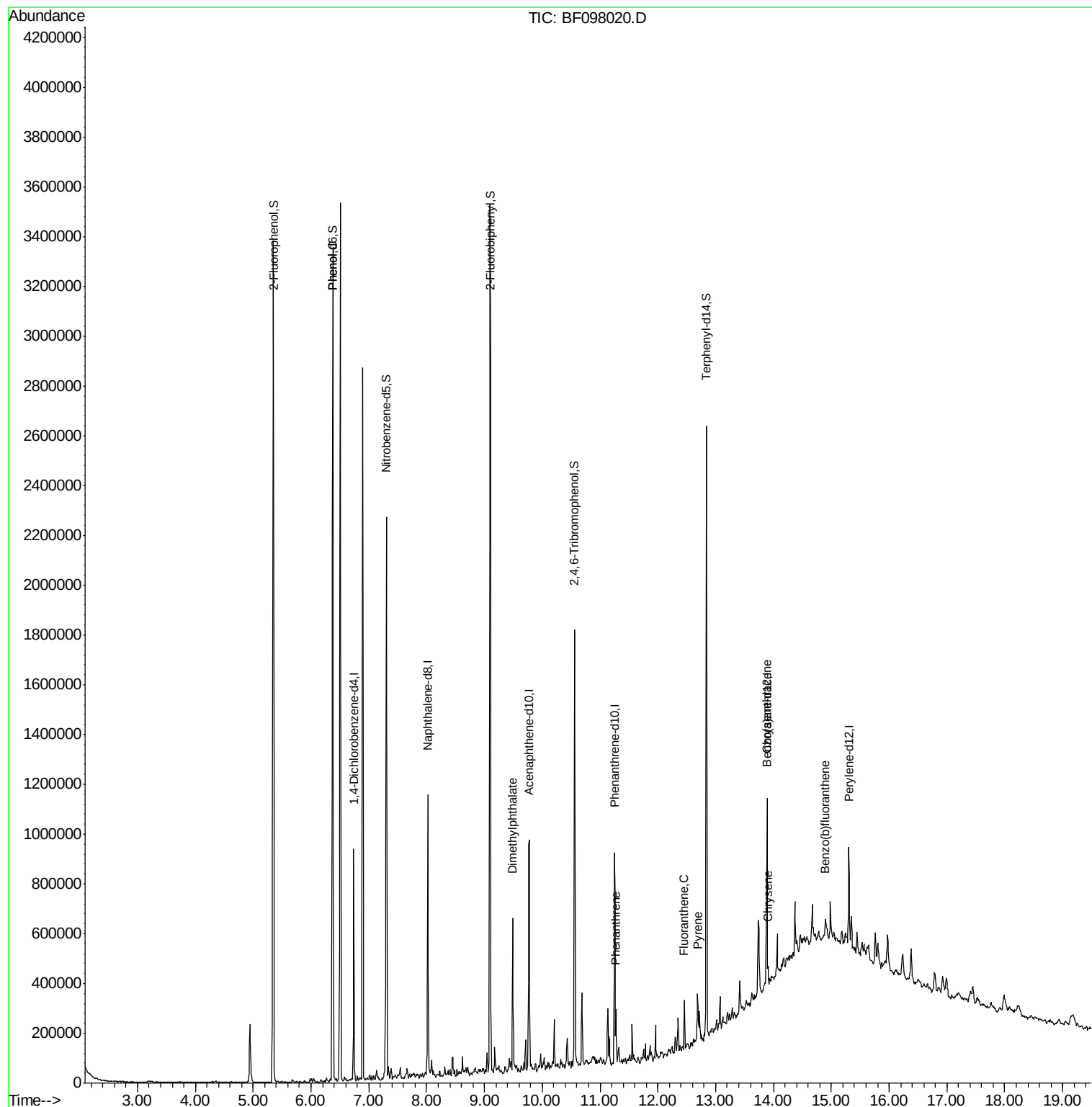
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098020.D
Acq On : 24 Aug 2017 23:47
Operator : SJ/JU
Sample : I4920-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

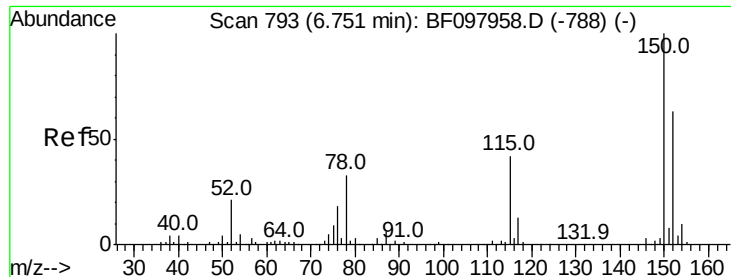
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

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Quant Time: Aug 25 02:35:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

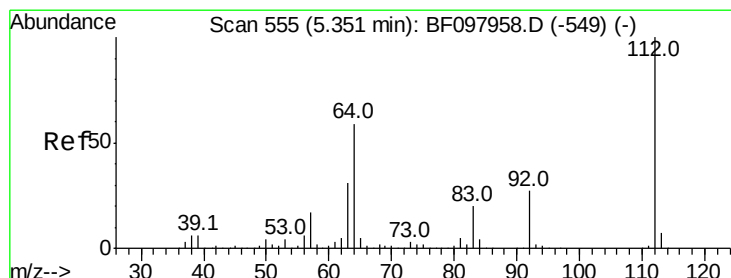
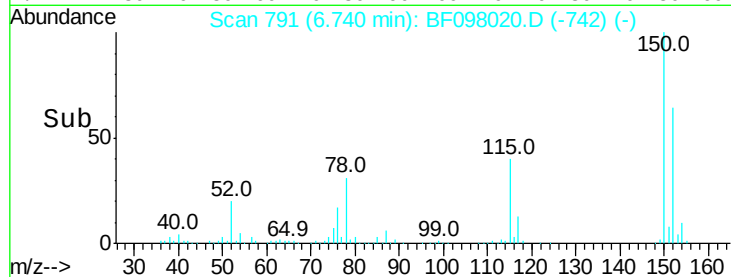
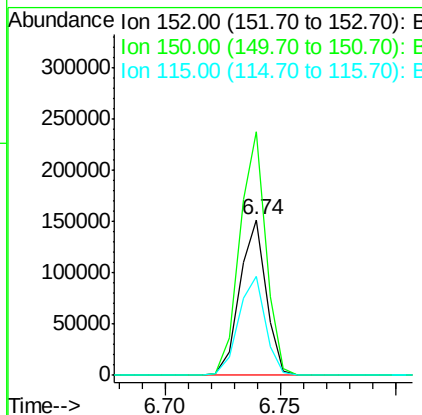
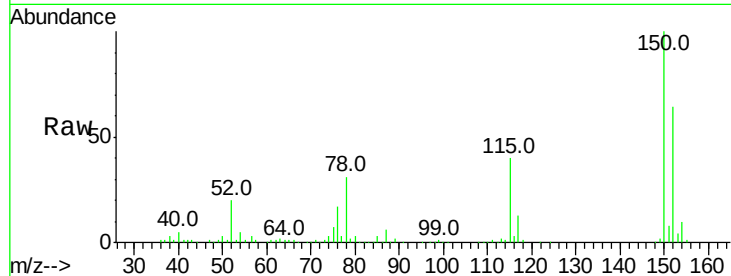
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	63.2	52.2	78.2

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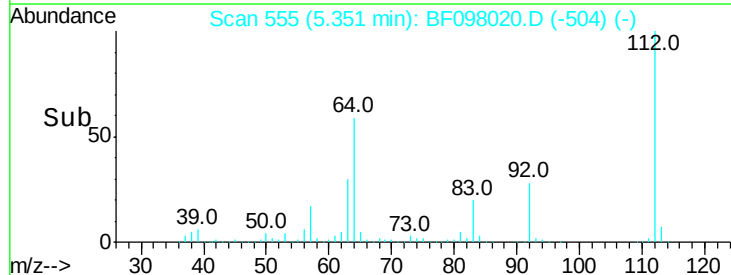
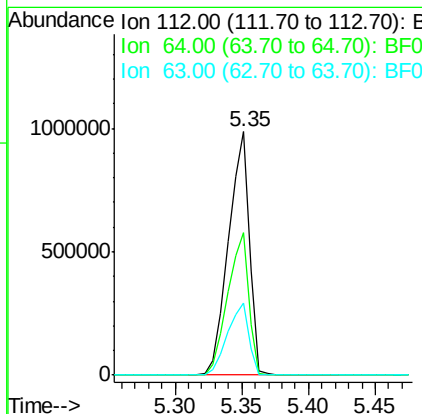
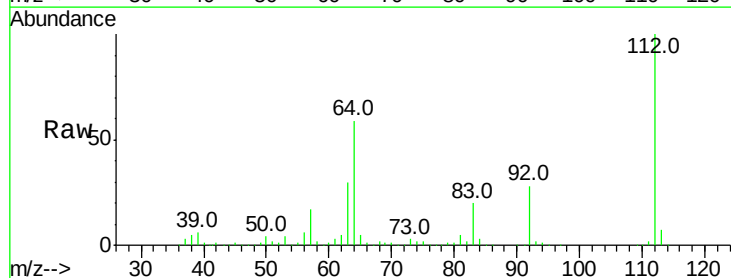
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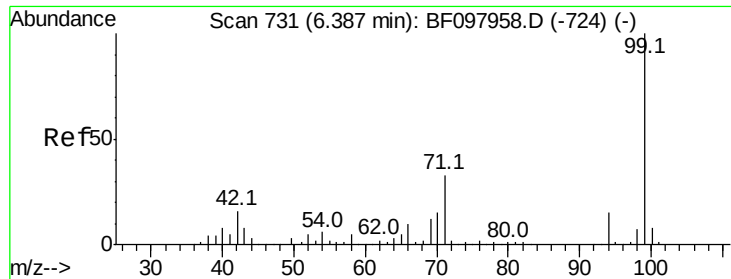


#5

2-Fluorophenol
Concen: 137.702 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.0	69.0
63	29.8	23.4	35.0





#7

Phenol-d6

Concen: 135.342 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098020.D

Acq: 24 Aug 2017 23:47

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-002-B

Tot Ion: 99 Resp: 1463296

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

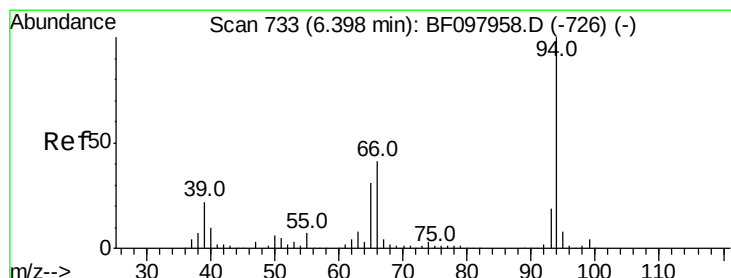
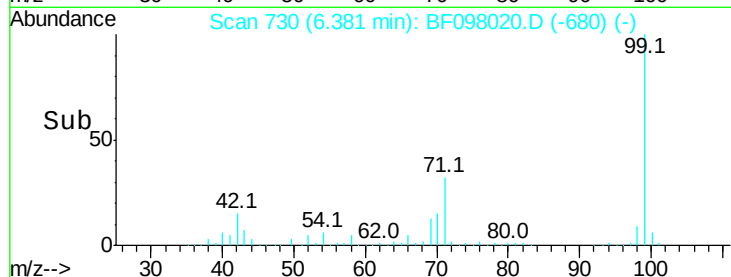
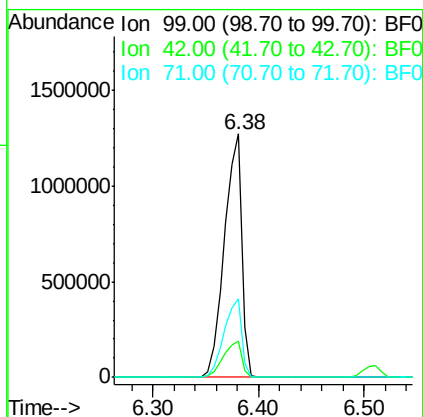
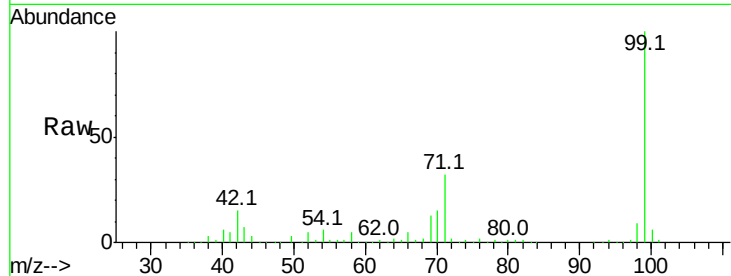
71 32.2 24.5 36.7

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#10

Phenol

Concen: 3.117 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098020.D

Acq: 24 Aug 2017 23:47

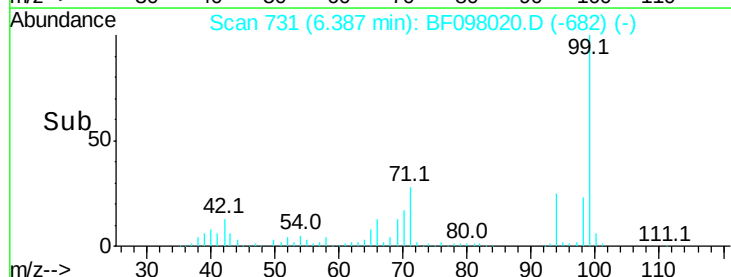
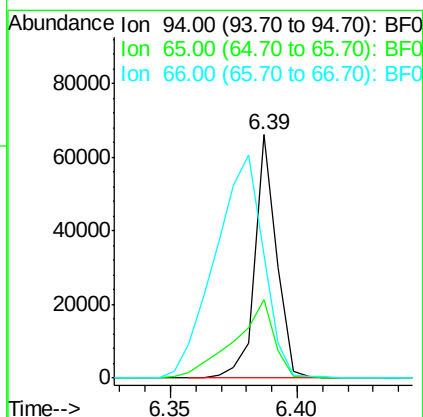
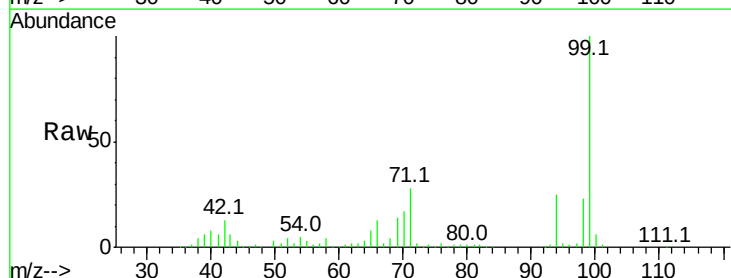
Tgt Ion: 94 Resp: 39416

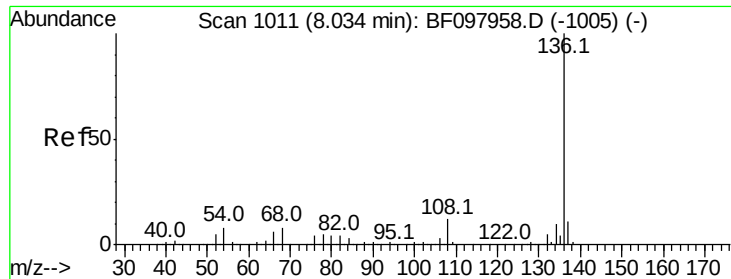
Ion Ratio Lower Upper

94 100

65 32.2 9.9 49.9

66 50.6 23.1 63.1





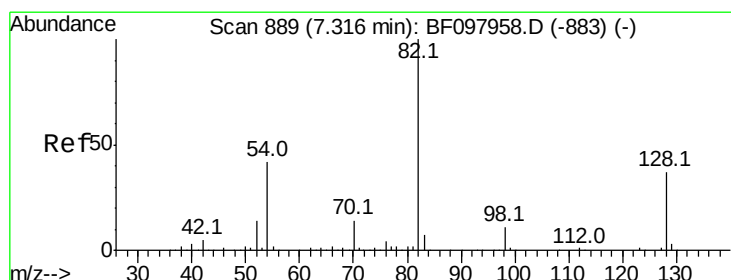
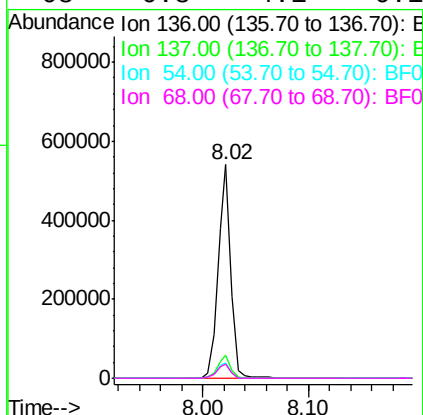
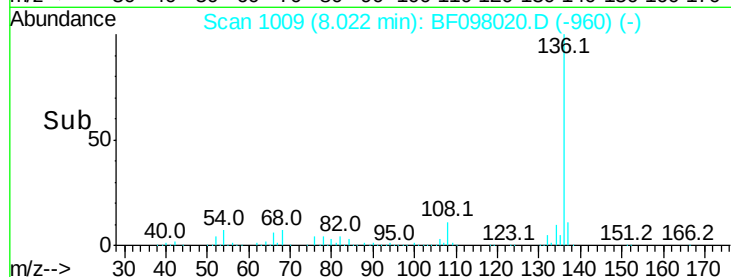
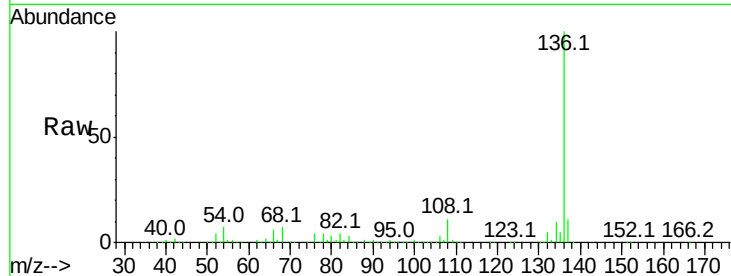
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	7.4	4.9	7.3#	
68	6.8	4.1	6.1#	

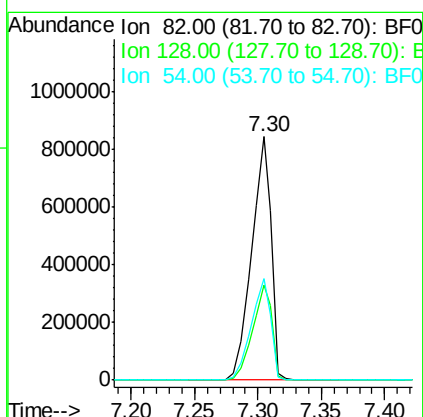
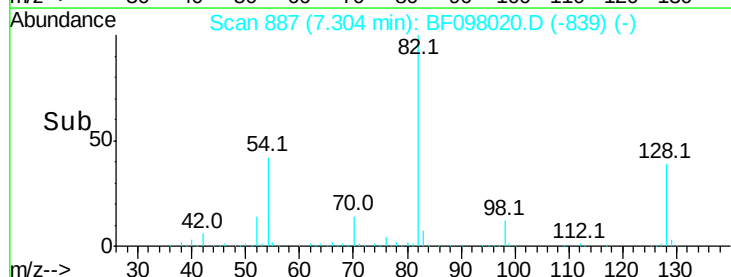
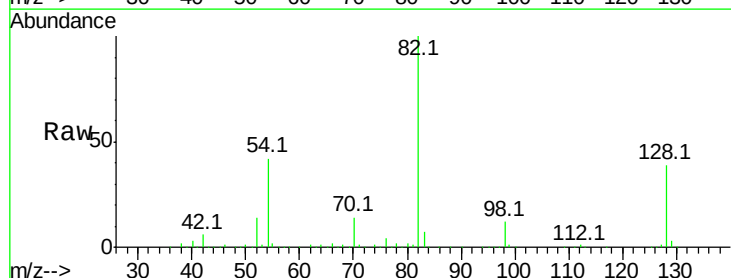
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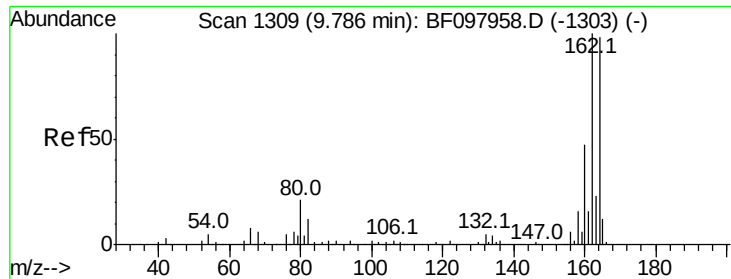
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#23
Nitrobenzene-d5
Concen: 108.527 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.9	34.0	51.0	
54	41.9	42.2	63.2#	





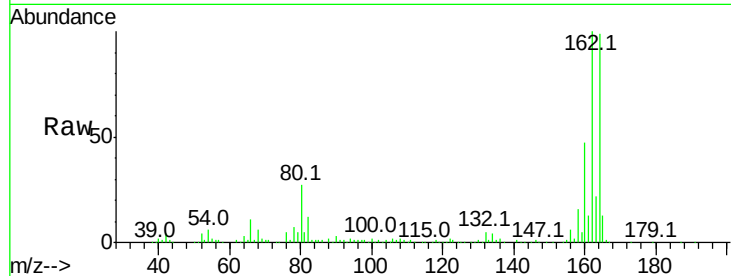
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

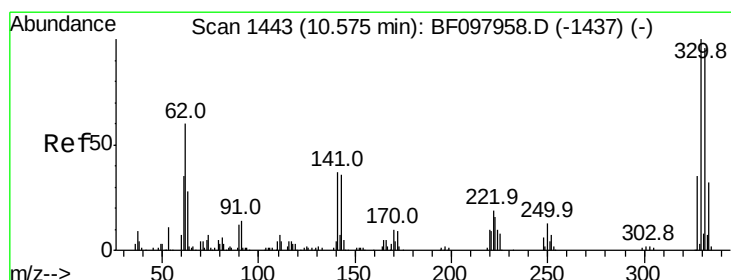
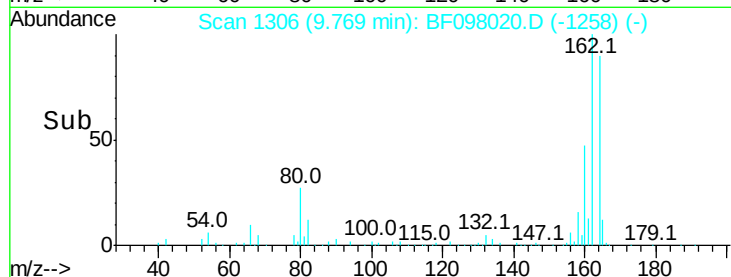
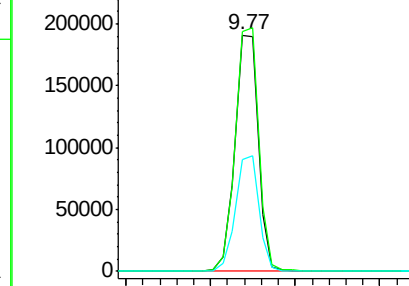
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	47.3	36.2	54.2

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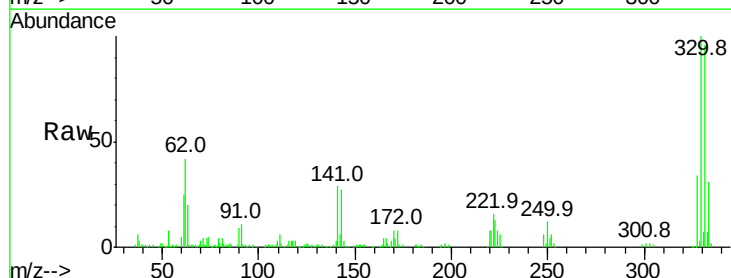


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

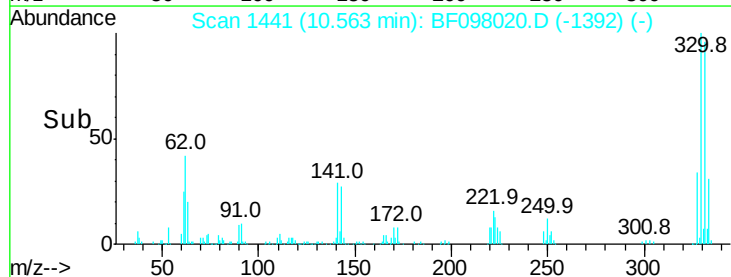
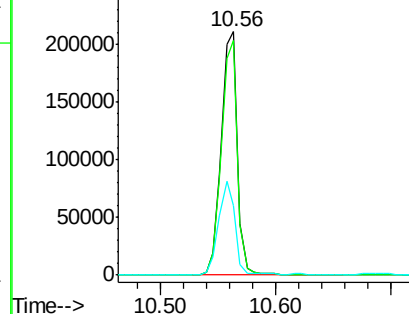


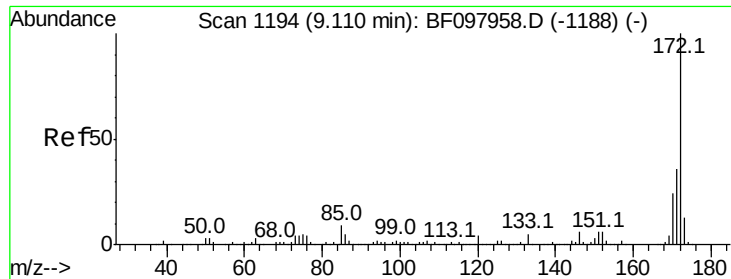
#41
2,4,6-Tribromophenol
Concen: 129.648 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	38.5	31.4	47.2



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





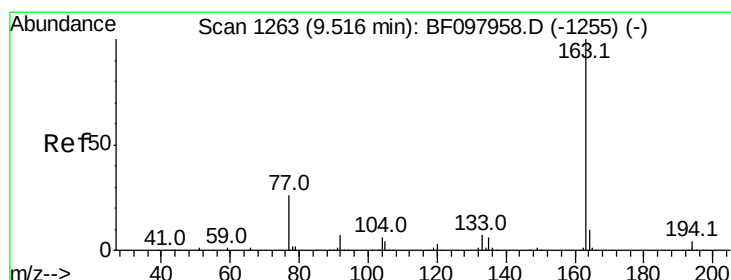
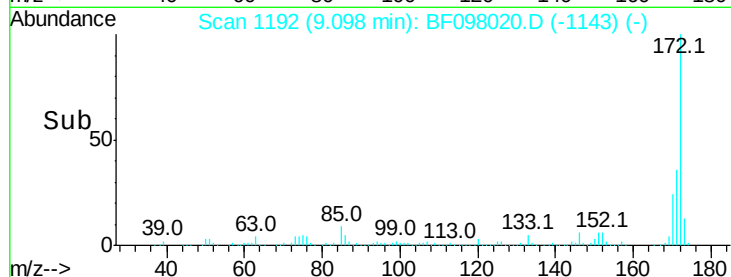
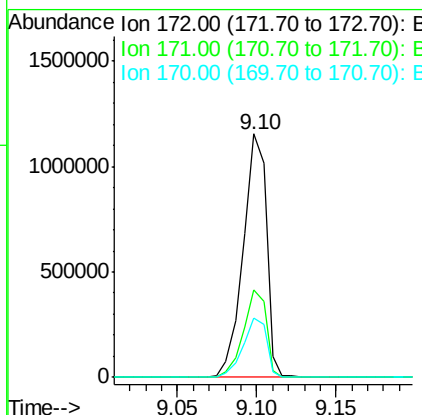
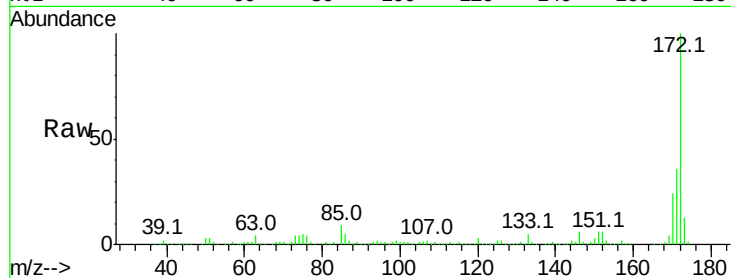
#44
2-Fluorobiphenyl
Concen: 94.788 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.4	19.8	29.8

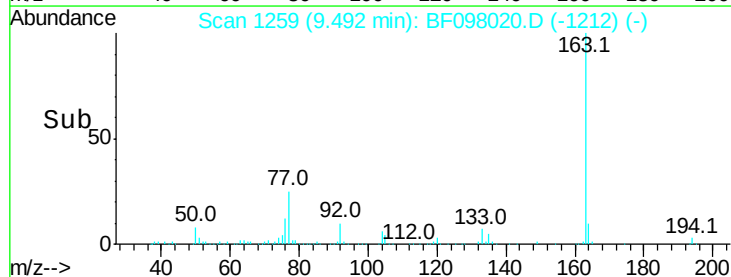
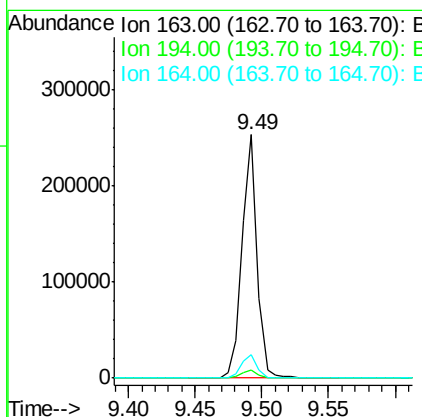
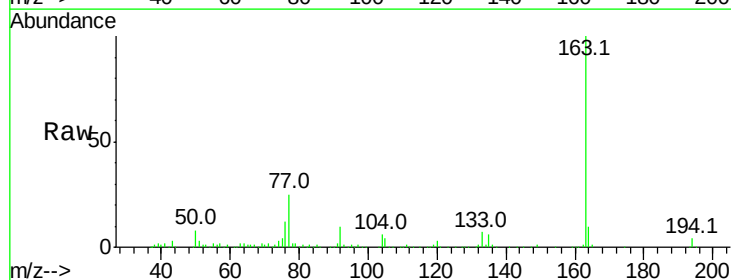
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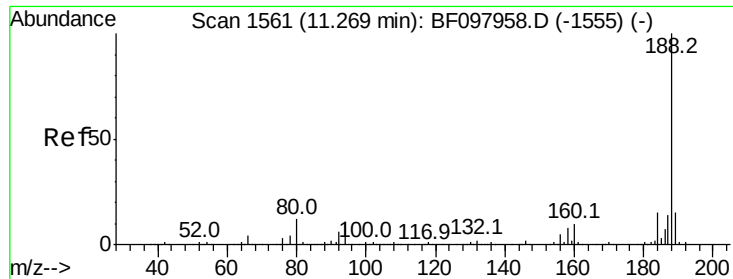
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#49
Dimethylphthalate
Concen: 14.930 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.5	8.4	12.6





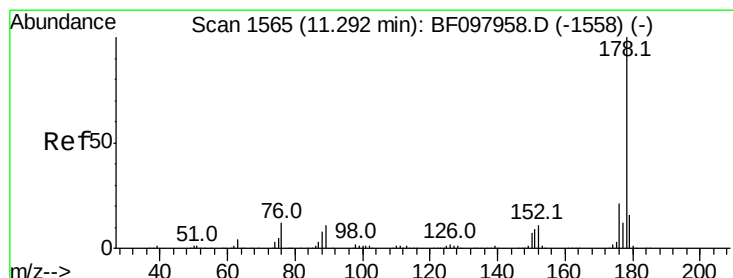
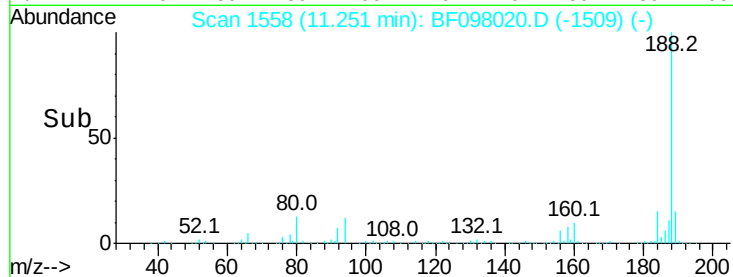
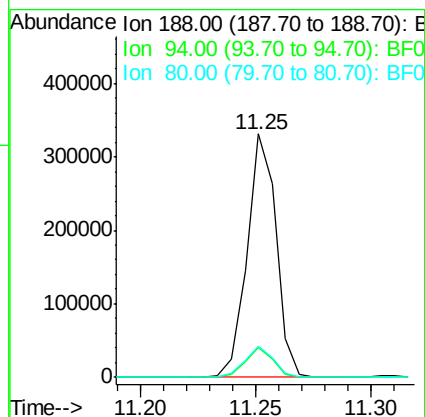
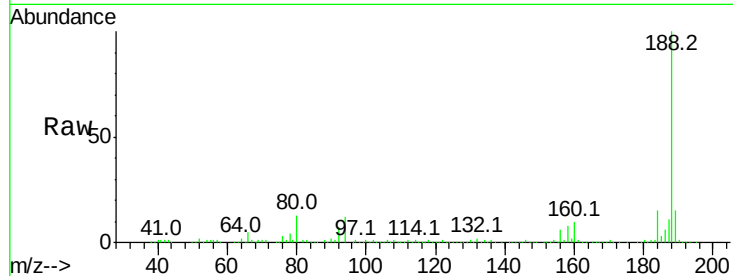
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Tot Ion:	188	Resp:	291856
Ion Ratio	Lower	Upper	
188	100		
94	12.3	9.4	14.2
80	12.9	10.2	15.2

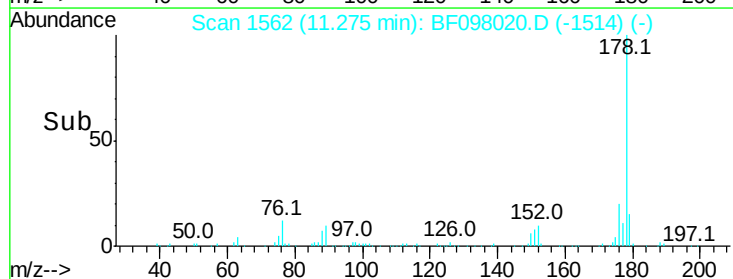
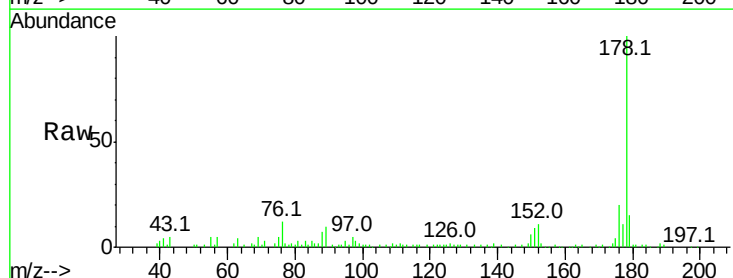
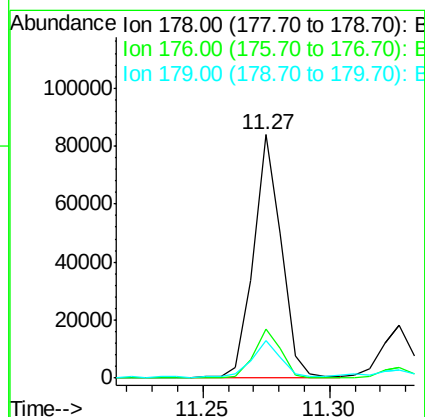
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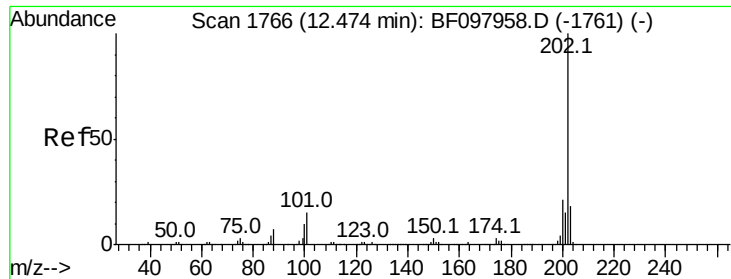
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#70
Phenanthrene
Concen: 4.137 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Tgt Ion:	178	Resp:	64337
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.2	24.4
179	15.3	12.6	19.0





#74

Fluoranthene

Concen: 4.682 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF098020.D

Acq: 24 Aug 2017 23:47

Instrument :

BNA_F

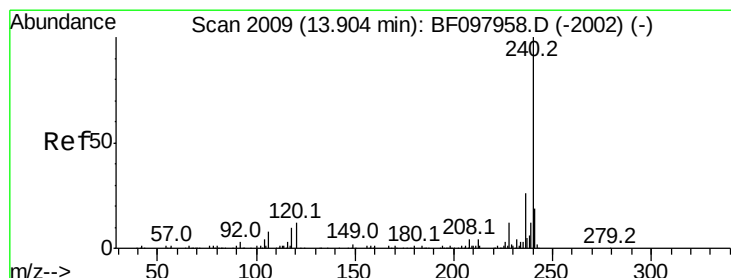
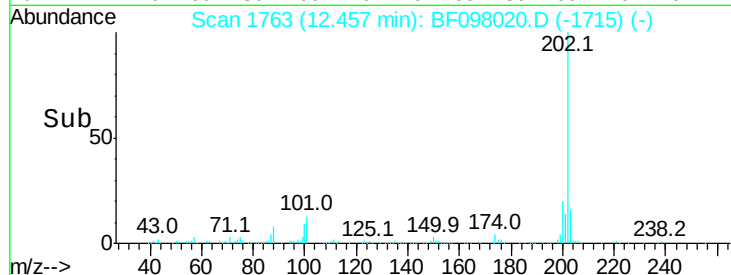
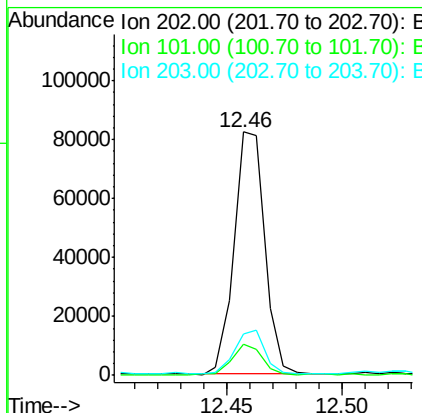
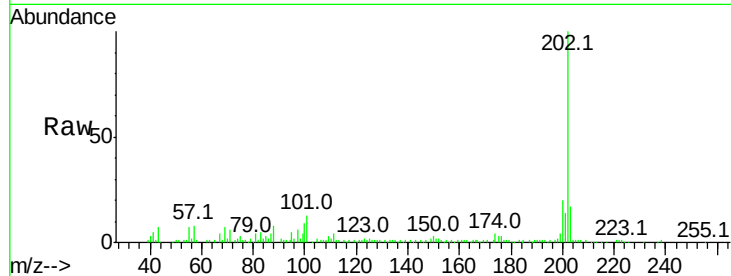
ClientSampled :

FK-SF-03-002-B

Tot Ion:	202	Resp:	76000
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	33.2
203	17.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

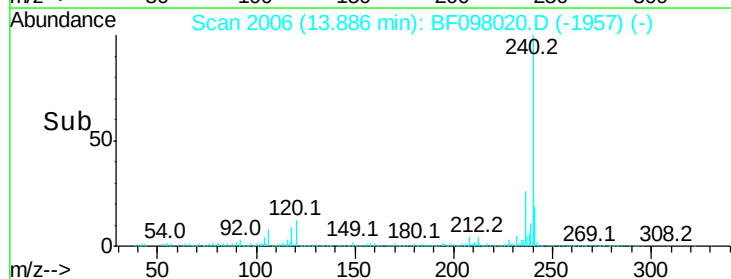
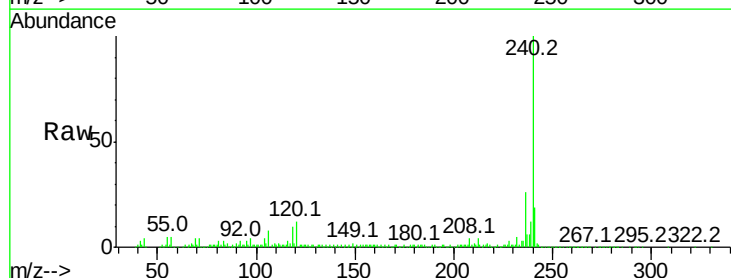
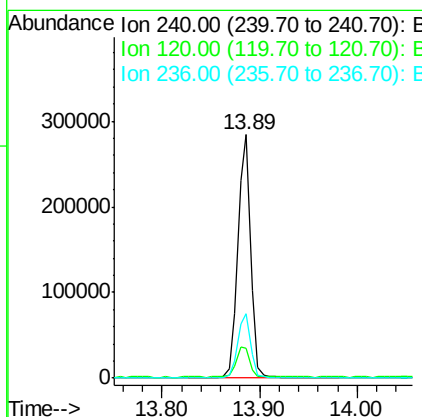
RT: 13.89 min Scan# 2006

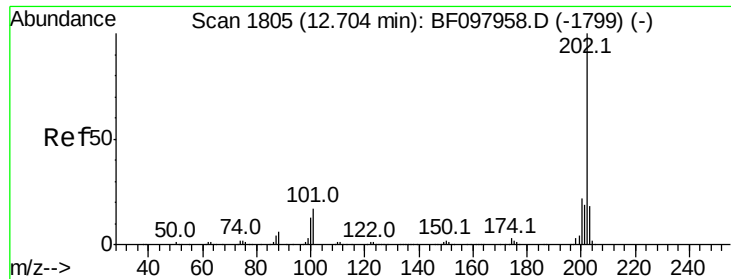
Delta R.T. -0.01 min

Lab File: BF098020.D

Acq: 24 Aug 2017 23:47

Tgt Ion:	240	Resp:	256769
Ion Ratio	Lower	Upper	
240	100		
120	12.3	5.8	8.8#
236	26.5	20.5	30.7





#77

Pvrene

Concen: 3.566 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF098020.D

Acq: 24 Aug 2017 23:47

Instrument :

BNA_F

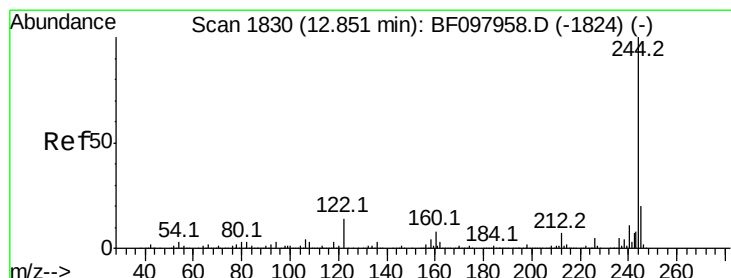
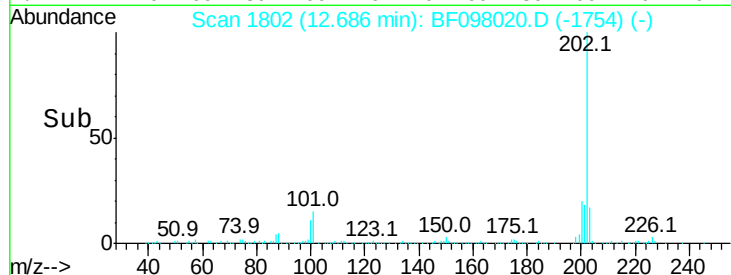
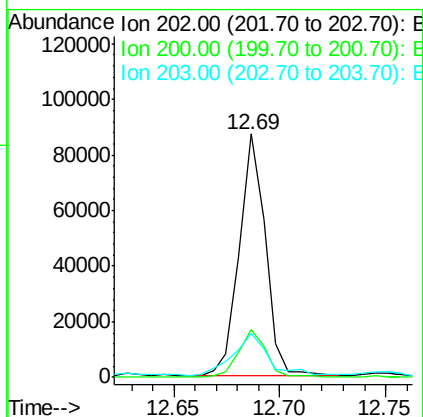
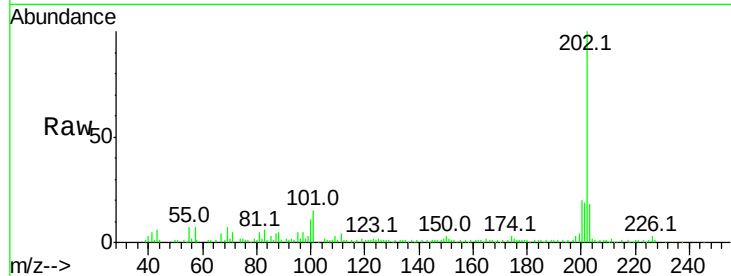
ClientSampleId :

FK-SF-03-002-B

Tot Ion:	202	Resp:	74879
Ion Ratio	Lower	Upper	
202	100		
200	19.5	17.6	26.4
203	18.2	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 66.066 ng

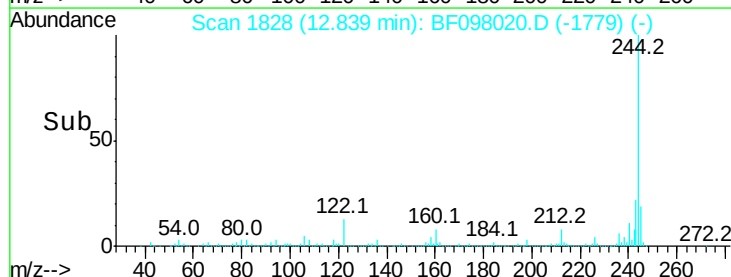
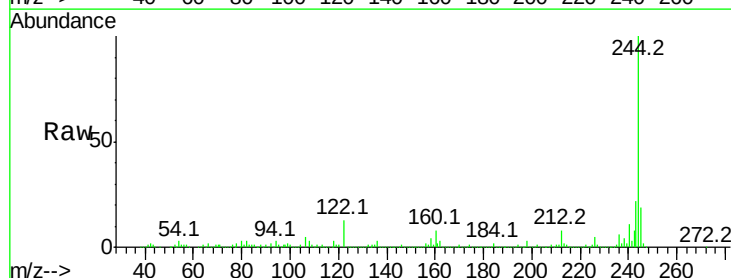
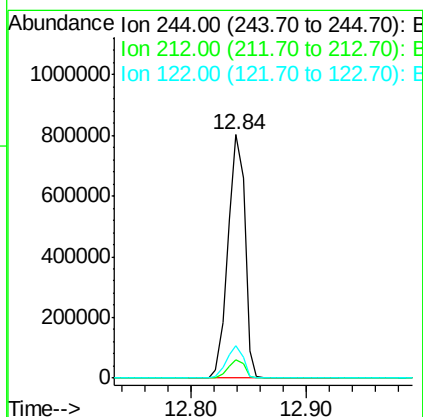
RT: 12.84 min Scan# 1828

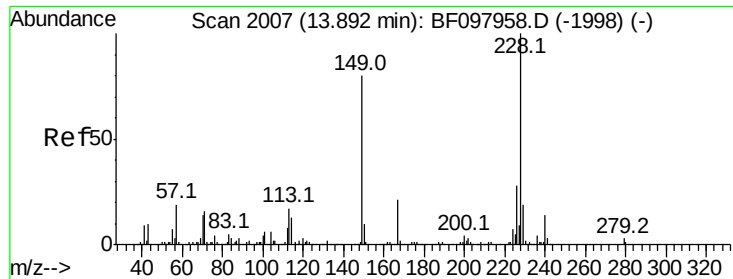
Delta R.T. -0.01 min

Lab File: BF098020.D

Acq: 24 Aug 2017 23:47

Tgt Ion:	244	Resp:	813480
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.0	9.0
122	13.4	10.3	15.5





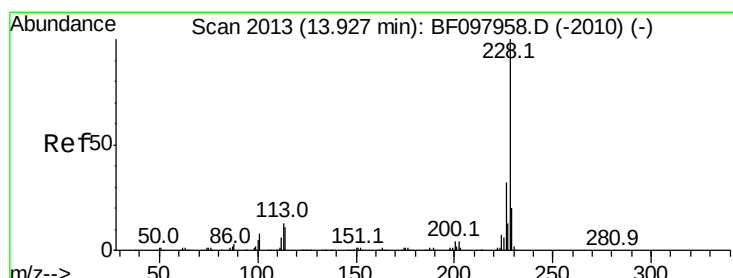
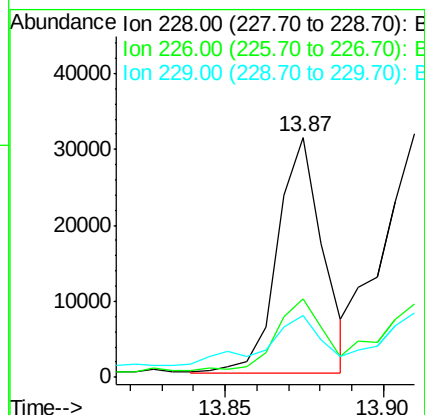
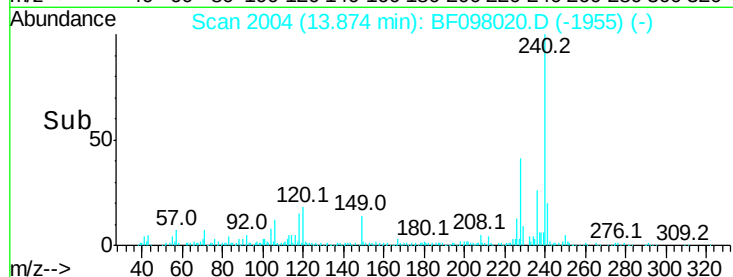
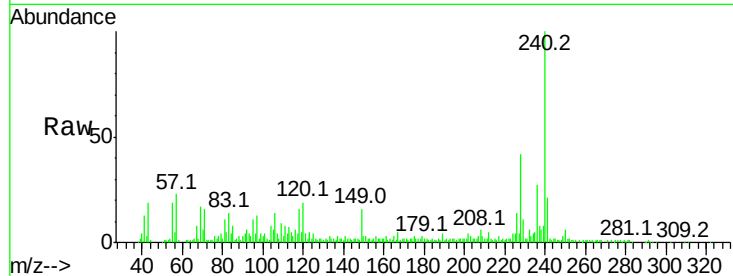
#80
Benzo(a)anthracene
Concen: 2.007 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	26.0	16.3	24.5

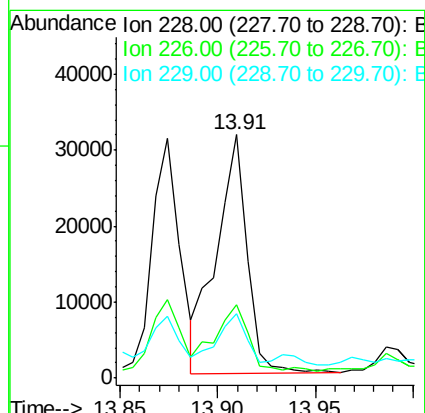
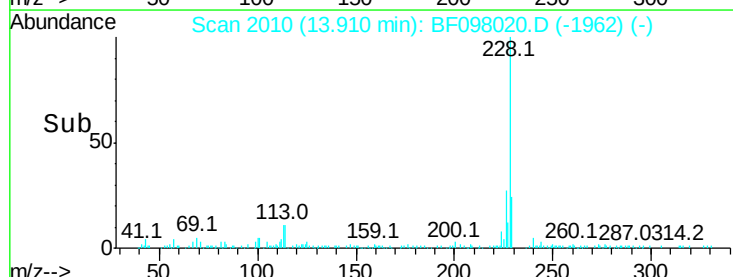
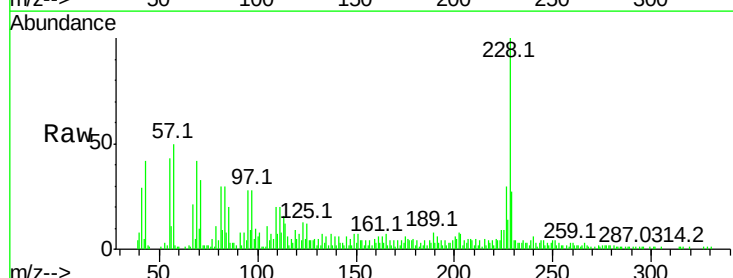
Manual Integrations
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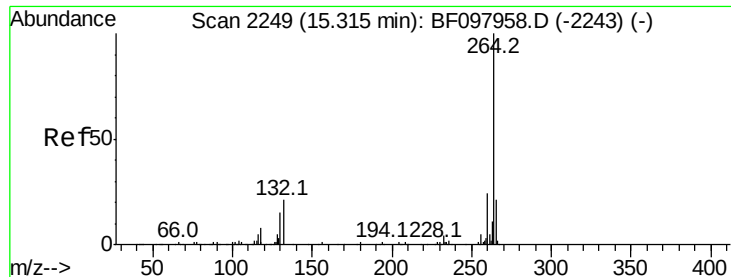
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#82
Chrysene
Concen: 2.275 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	26.5	15.8	23.6





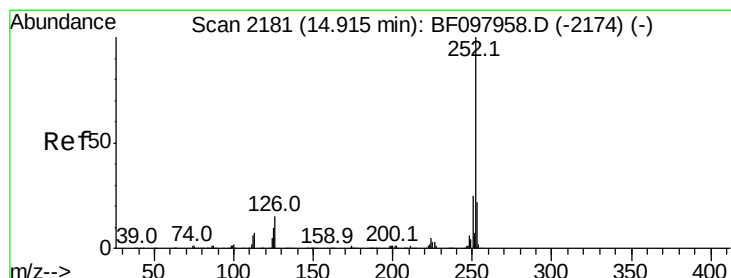
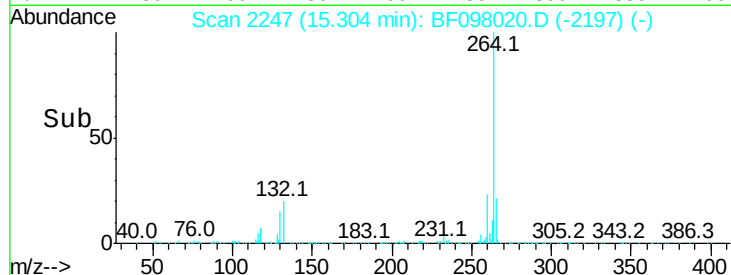
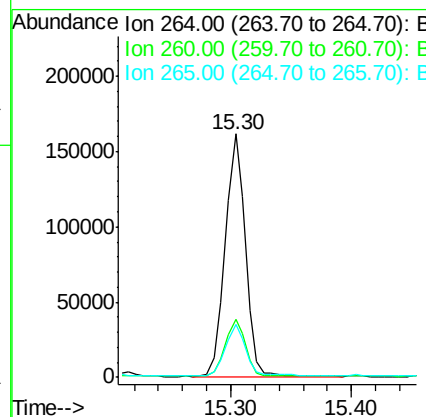
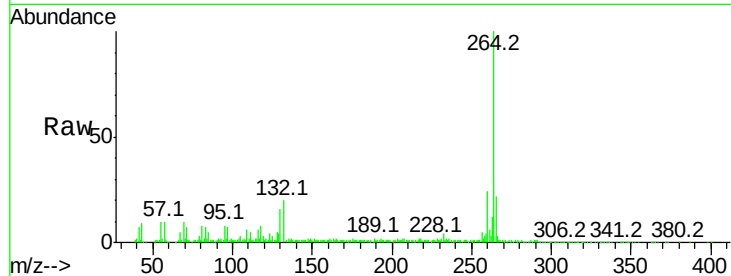
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.8	19.5	29.3	
265	21.5	17.2	25.8	

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 2.716 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF098020.D
Acq: 24 Aug 2017 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	32.2	18.1	27.1#	
125	31.3	9.8	14.8#	

