

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099417.D
 Acq On : 13 Oct 2017 1:38
 Operator : SJ/JU
 Sample : I5779-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-A

Manual Integrations
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Sohil
 10/13/2017 3:06:40 PM

Quant Time: Oct 13 05:06:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	116864	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	444632	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	162079	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	232143	20.00	ng	0.00
75) Chrysene-d12	14.02	240	216534	20.00	ng	0.00
86) Perylene-d12	15.49	264	165670	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	779132	106.13	ng	0.01
7) Phenol-d6	6.49	99	909004	100.37	ng	0.00
23) Nitrobenzene-d5	7.42	82	534516	77.09	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	127067	95.81	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	896643	92.35	ng	0.00
78) Terphenyl-d14	12.96	244	593632	62.35	ng	0.00
Target Compounds						
10) Phenol	6.50	94	56496	5.578	ng	90
49) Dimethylphthalate	9.60	163	163187	13.340	ng	99
70) Phenanthrene	11.40	178	56785	4.570	ng	99
74) Fluoranthene	12.59	202	89882	7.143	ng	97
77) Pyrene	12.82	202	81780	4.953	ng	98
80) Benzo(a)anthracene	14.00	228	44547	3.398	ng	98
82) Chrysene	14.04	228	38812	3.109	ng	98
87) Benzo(b)fluoranthene	15.06	252	38995m	3.828	ng	
89) Benzo(a)pyrene	15.43	252	25800	2.759	ng	# 84
91) Benzo(g,h,i)perylene	17.42	276	14977	2.025	ng	# 87

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

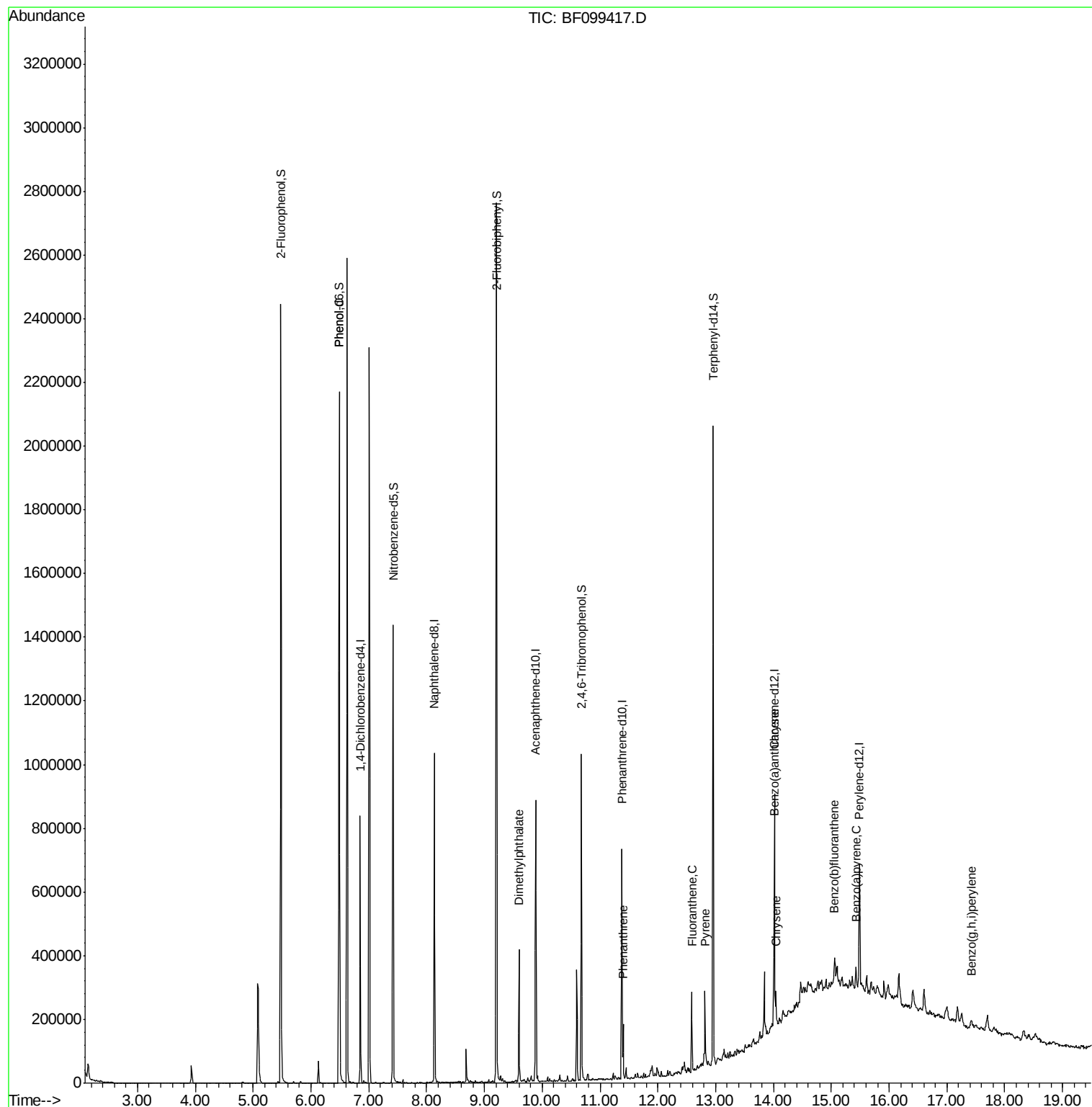
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099417.D
Acq On : 13 Oct 2017 1:38
Operator : SJ/JU
Sample : I5779-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

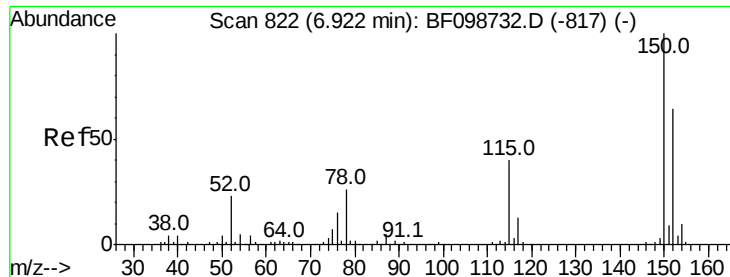
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

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#1

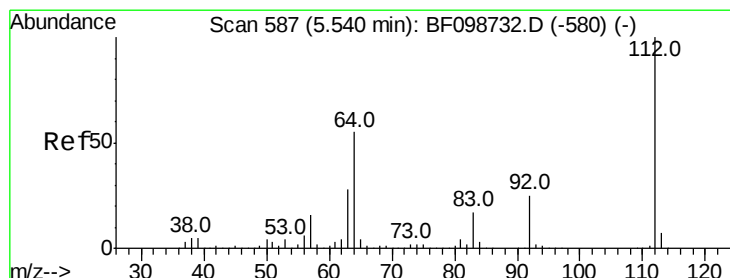
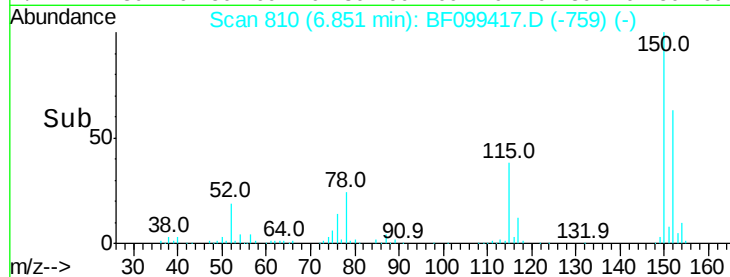
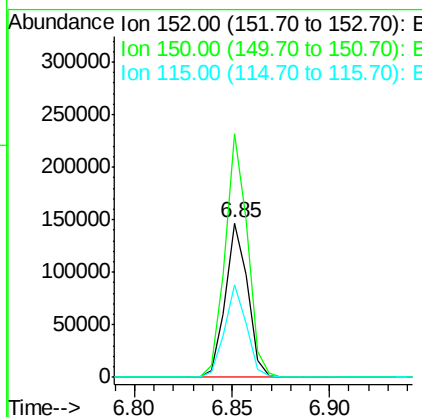
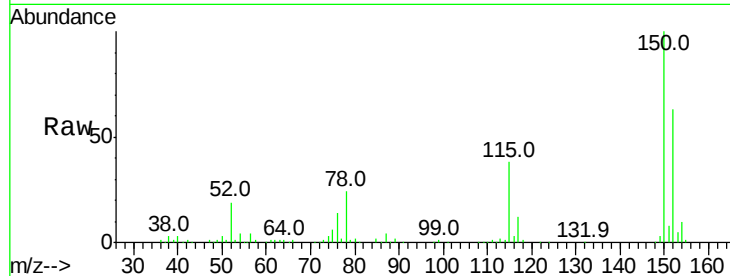
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	60.2	50.1	75.1

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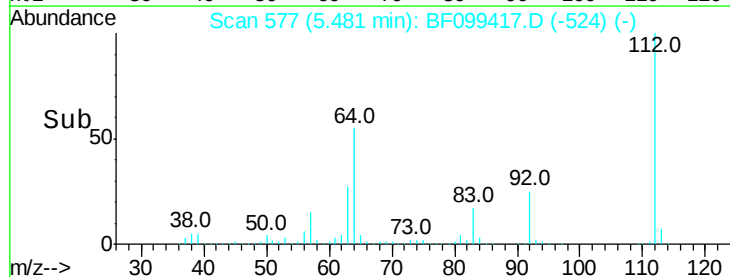
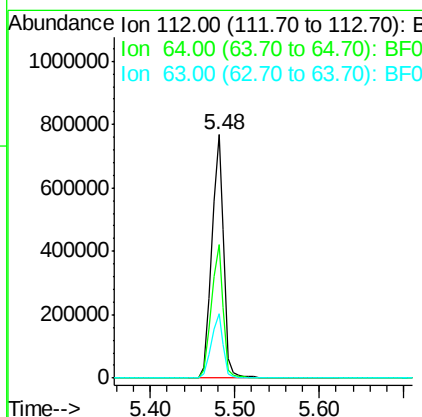
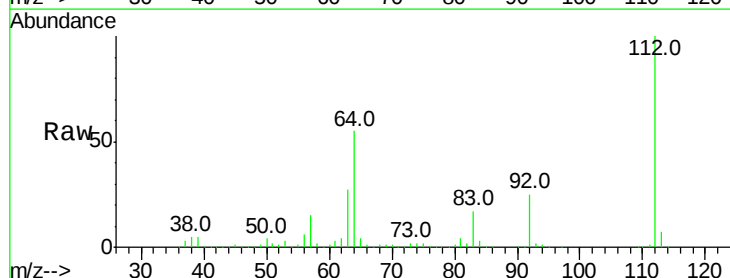
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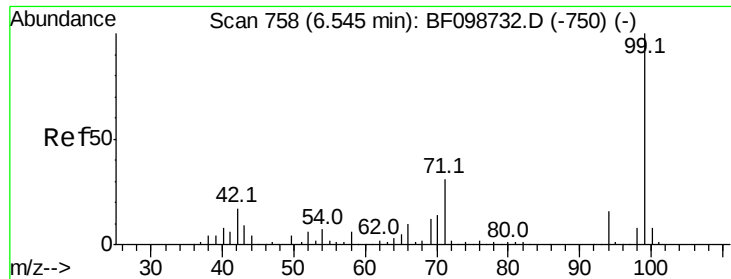


#5

2-Fluorophenol
Concen: 106.132 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	26.7	23.7	35.5





#7

Phenol-d6

Concen: 100.374 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099417.D

Acq: 13 Oct 2017 1:38

Instrument :

BNA_F

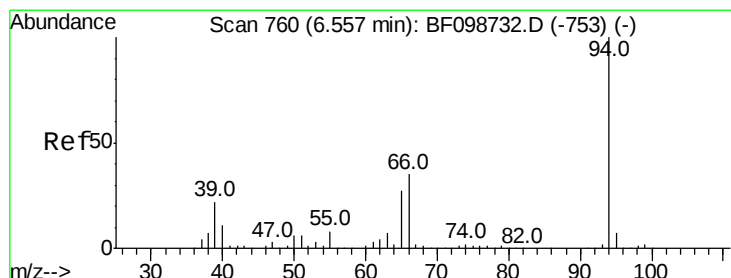
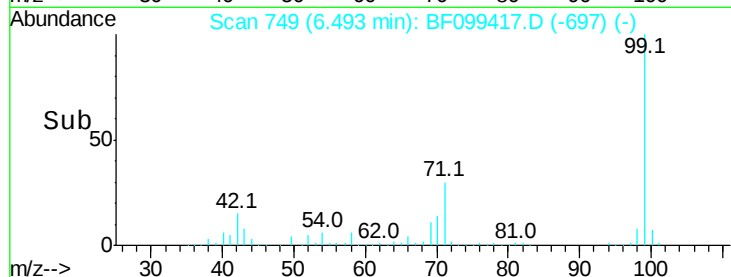
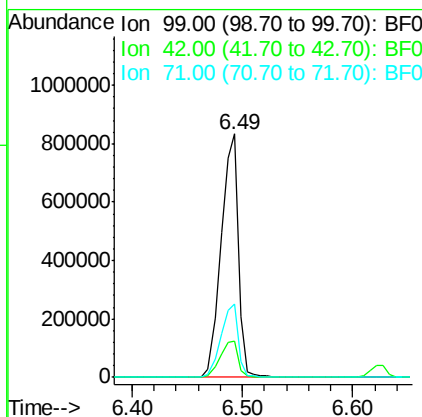
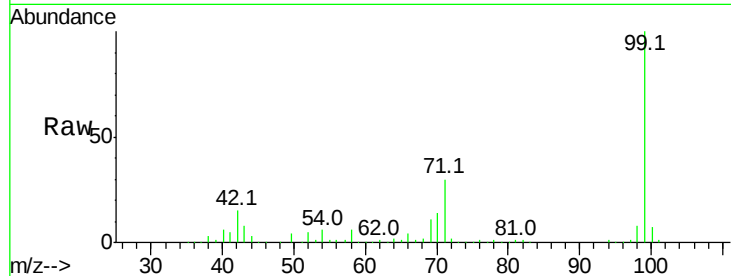
ClientSampleId :

FK-SF-03-003-A

Tot Ion:	99	Resp:	909004
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	30.1	25.4	38.0

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#10

Phenol

Concen: 5.578 ng

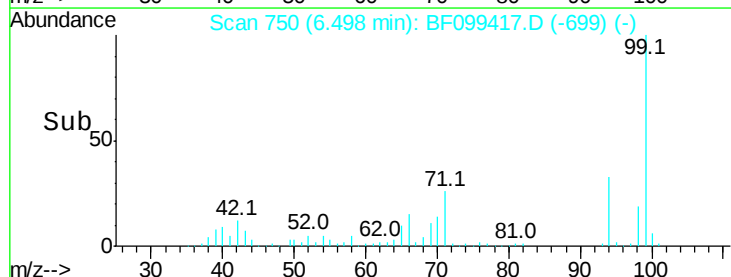
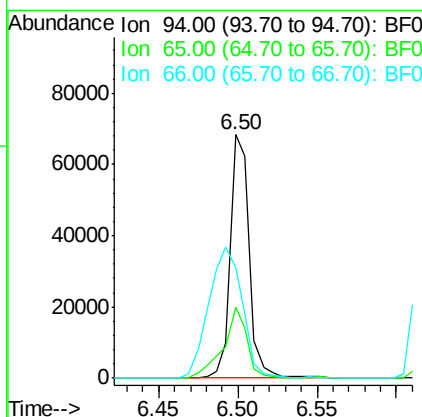
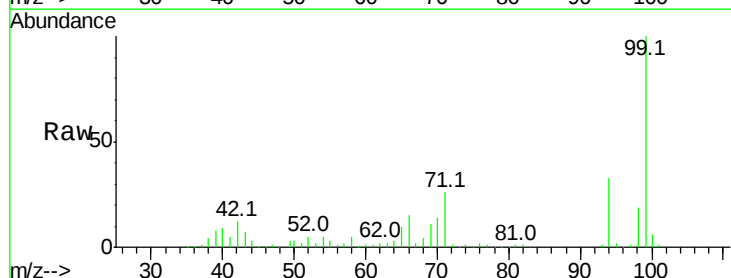
RT: 6.50 min Scan# 750

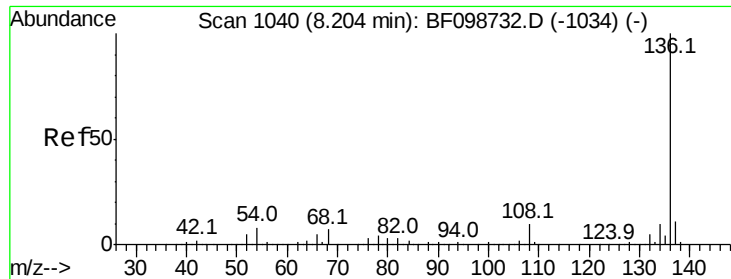
Delta R.T. 0.00 min

Lab File: BF099417.D

Acq: 13 Oct 2017 1:38

Tgt Ion:	94	Resp:	56496
Ion Ratio	Lower	Upper	
94	100		
65	29.1	7.9	47.9
66	45.2	16.2	56.2





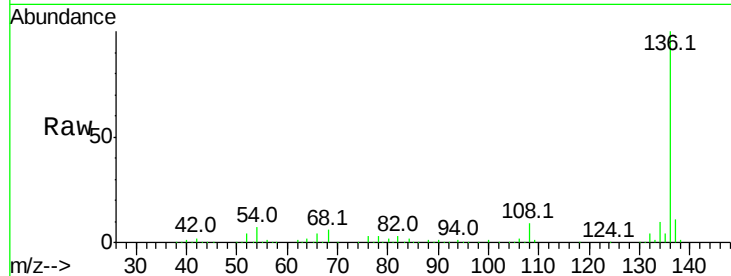
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

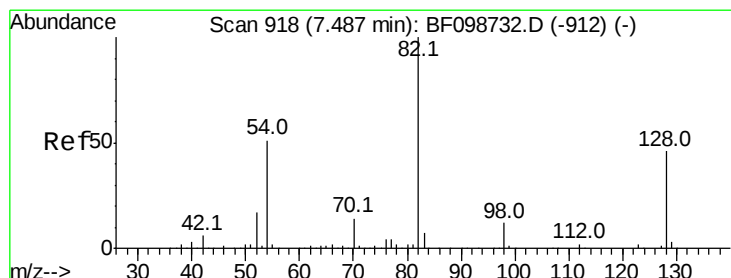
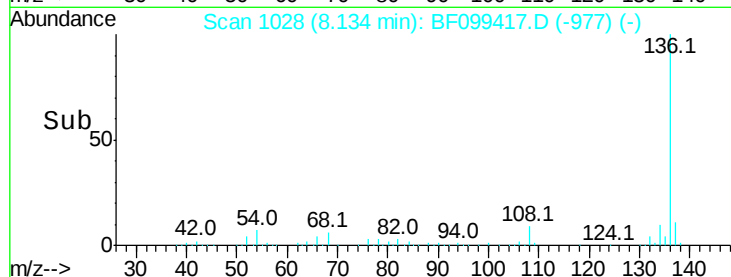
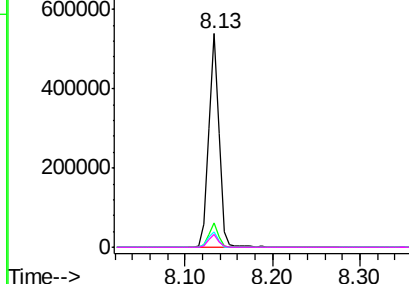
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		444632		
137	11.2	8.9	13.3		
54	7.2	6.6	9.8		
68	5.9	5.0	7.4		

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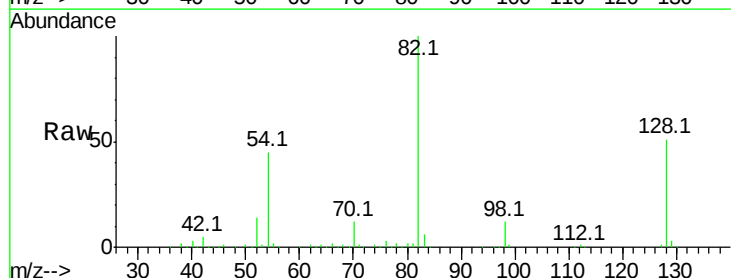


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

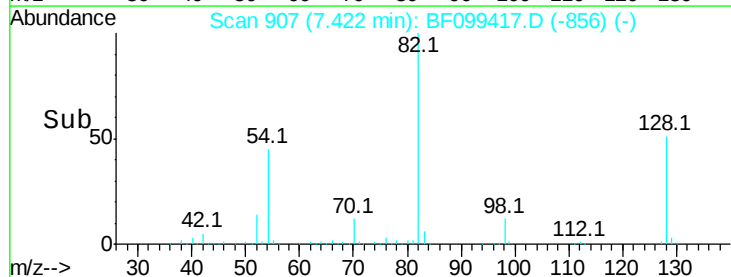
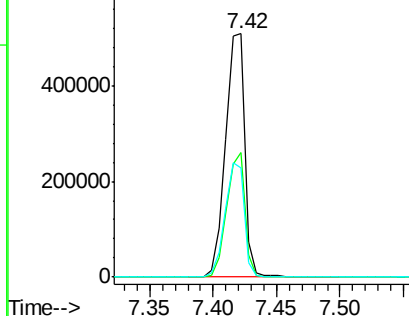


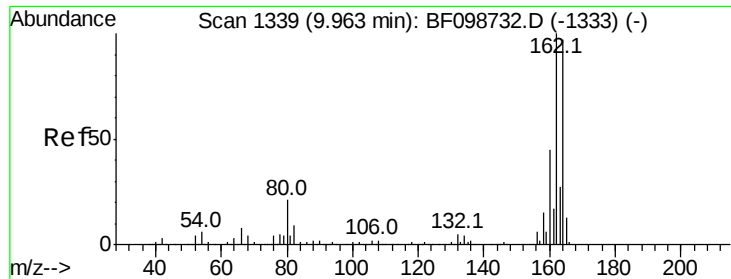
#23
Nitrobenzene-d5
Concen: 77.094 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		534516		
128	51.0	36.1	54.1		
54	44.8	41.4	62.2		



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





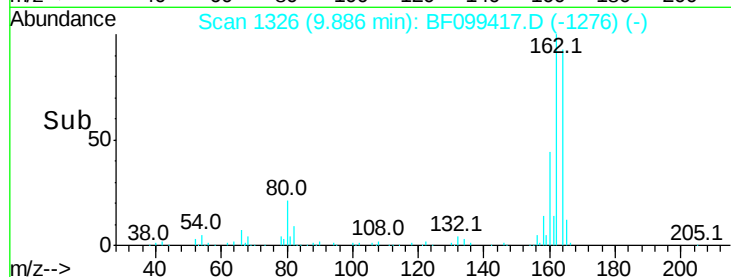
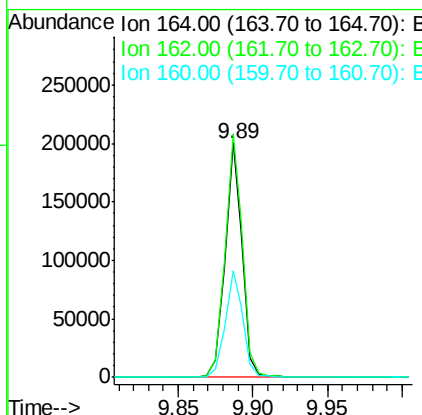
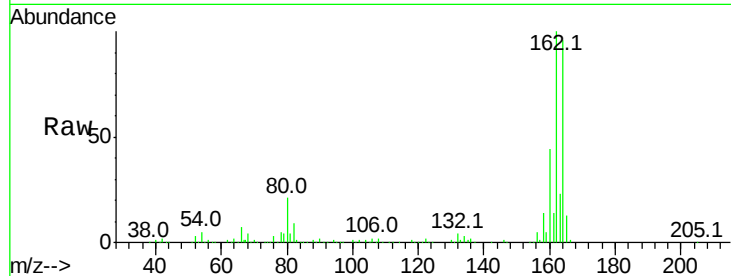
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099417.D
 Acq: 13 Oct 2017 1:38

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100	162079		
162	104.0		86.1	129.1
160	45.6		38.3	57.5

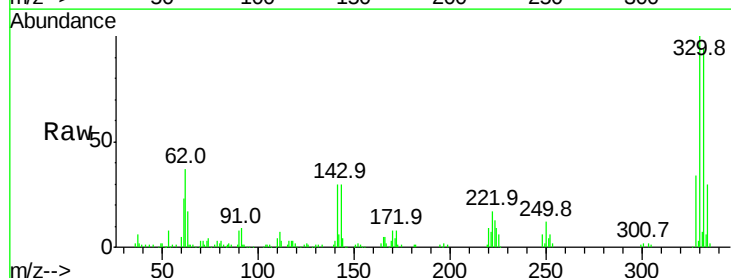
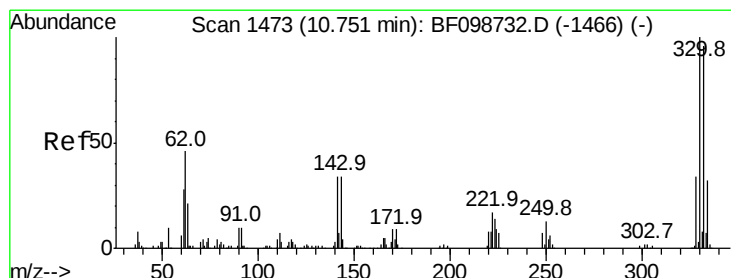
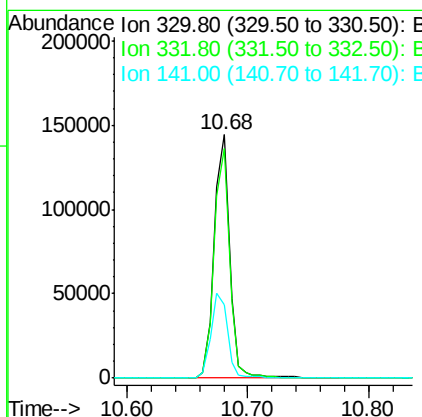
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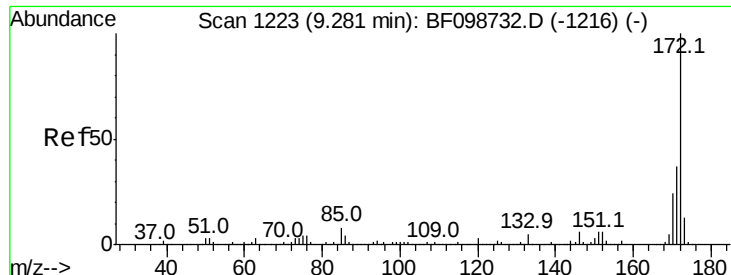
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#41
 2,4,6-Tribromophenol
 Concen: 95.810 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099417.D
 Acq: 13 Oct 2017 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	127067		
332	94.9		77.0	115.6
141	37.7		29.9	44.9





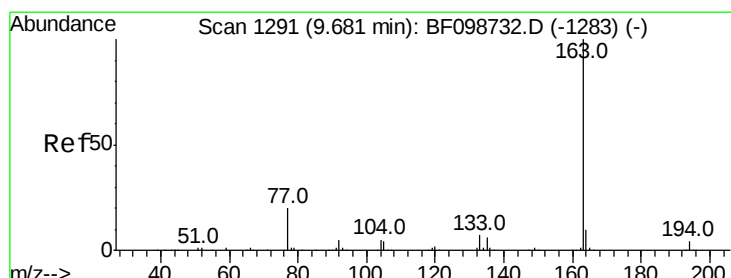
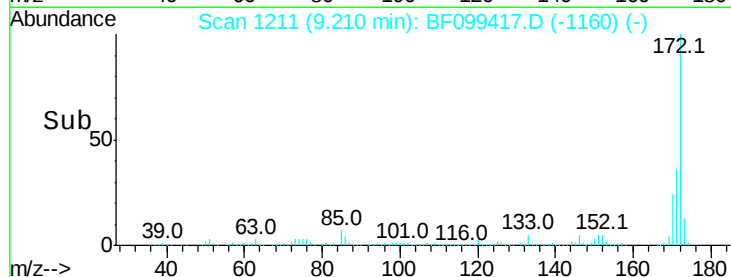
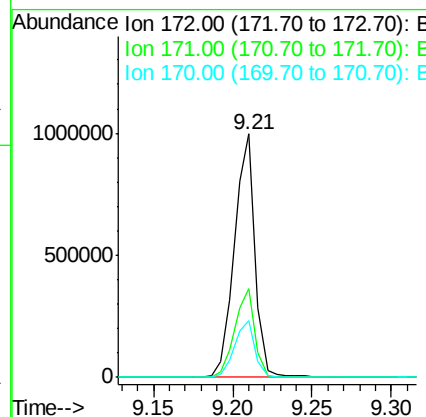
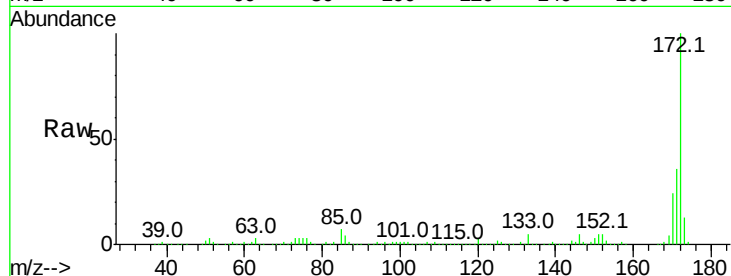
#44
2-Fluorobiphenyl
Concen: 92.354 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	896643		
171	36.3		29.7	44.5
170	23.5		19.6	29.4

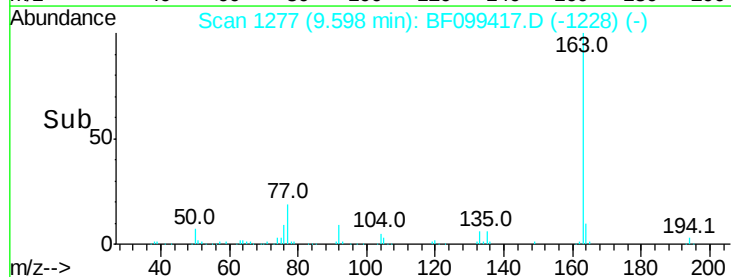
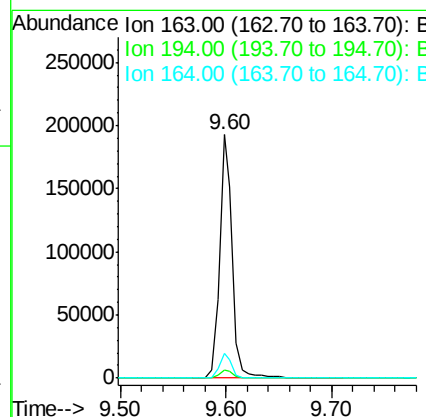
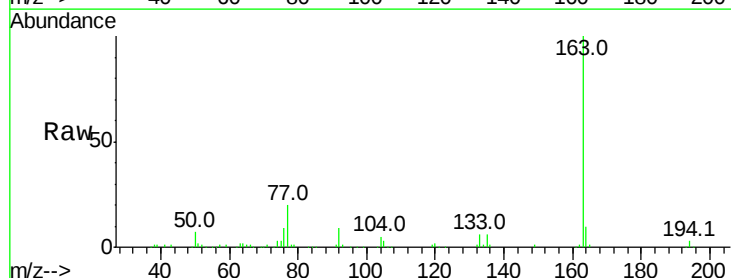
Manual Integrations
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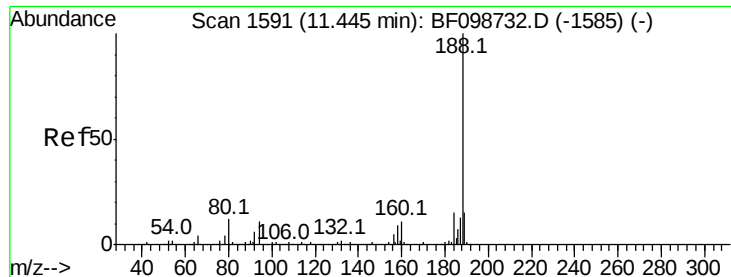
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#49
Dimethylphthalate
Concen: 13.340 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	163187		
194	3.2		2.7	4.1
164	10.4		8.2	12.2





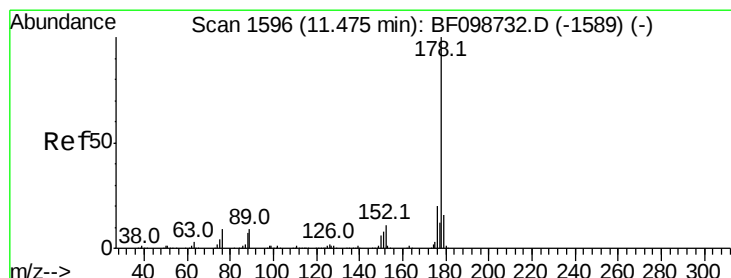
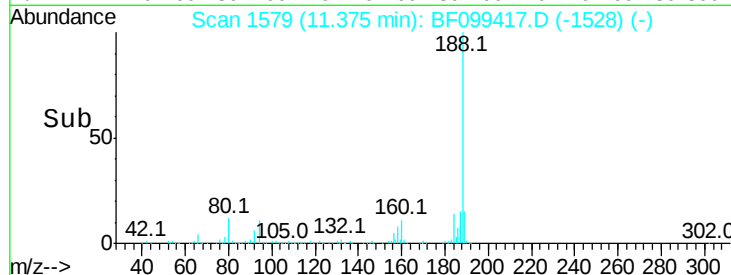
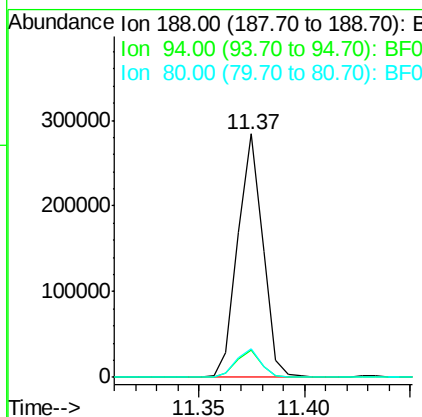
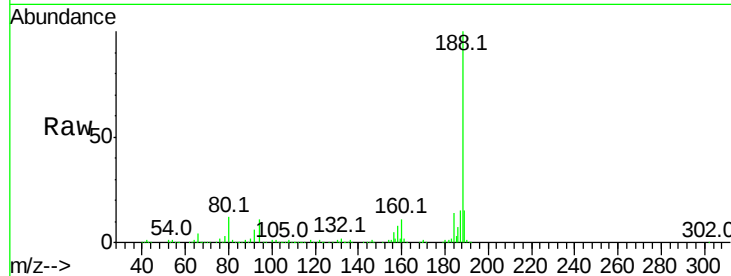
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.7	9.2	13.8

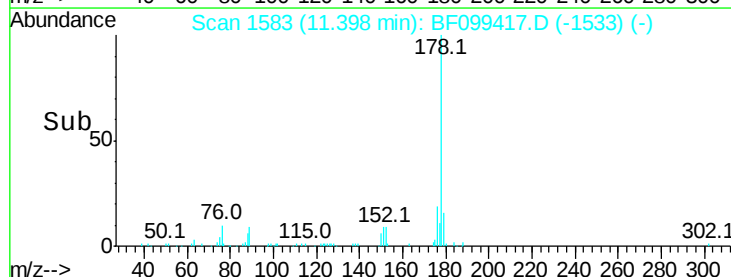
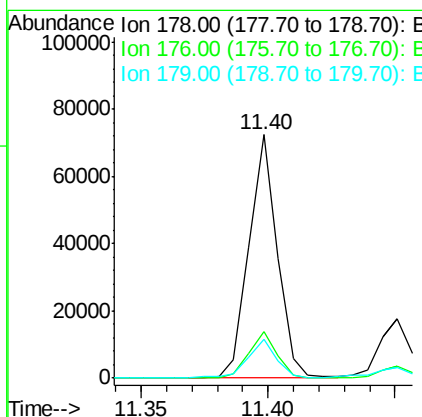
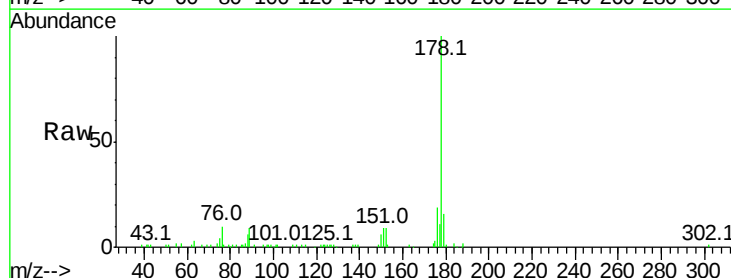
Manual Integrations
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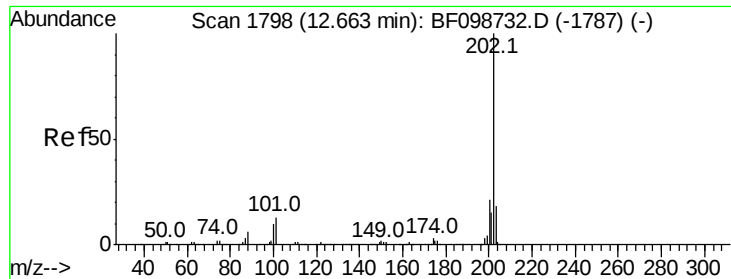
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#70
Phenanthrene
Concen: 4.570 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.9	13.0	19.6





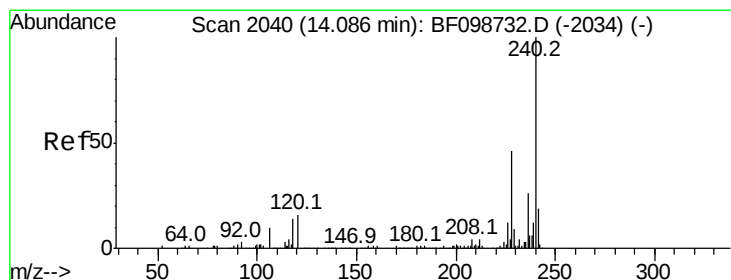
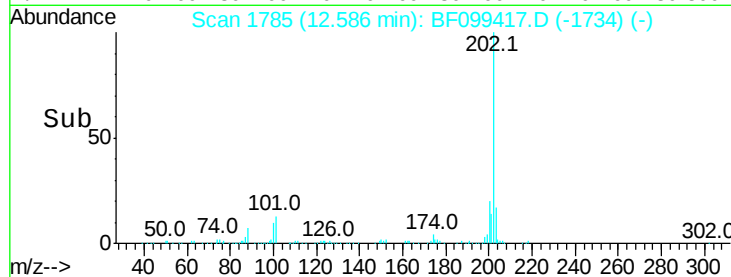
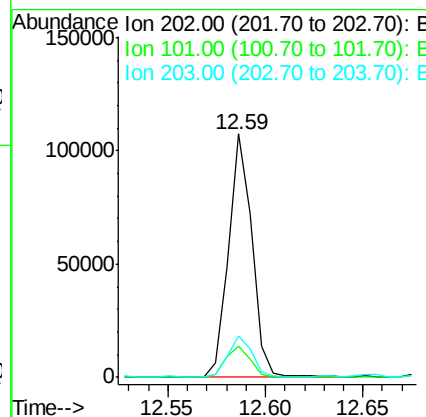
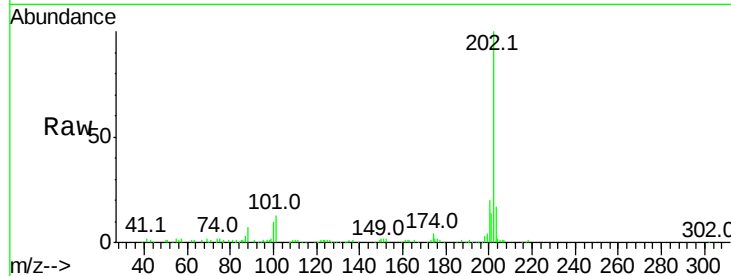
#74
Fluoranthene
Concen: 7.143 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	0.0	34.1
203	16.7	0.0	38.1

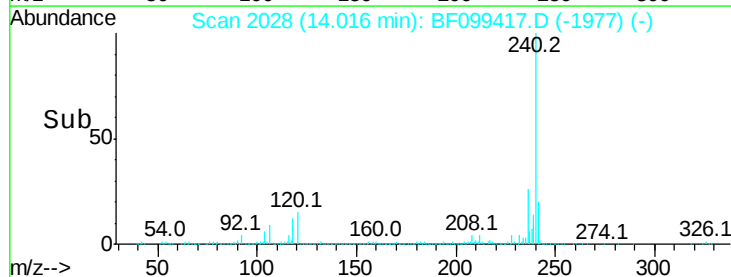
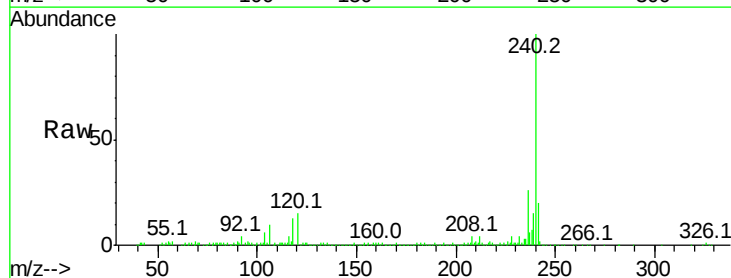
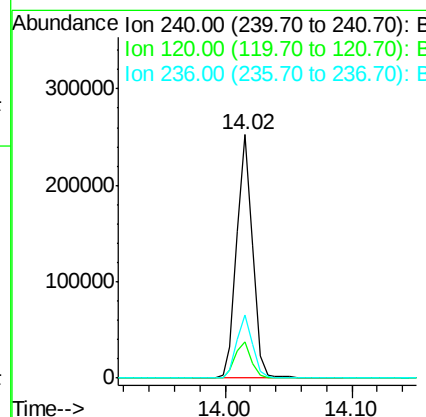
Manual Integrations
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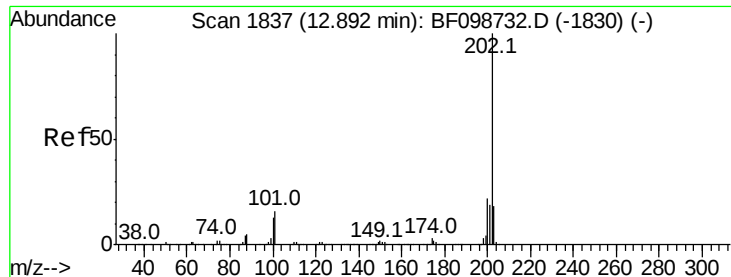
Sohil
10/13/2017 3:06:40 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.2	20.7	31.1





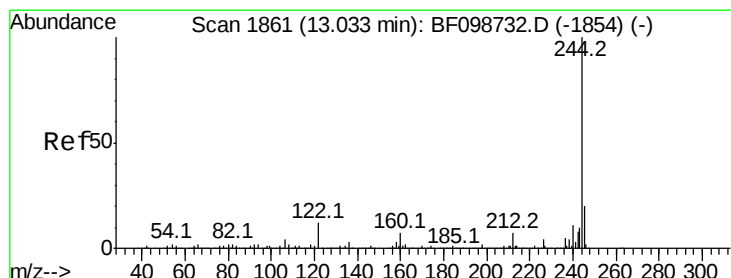
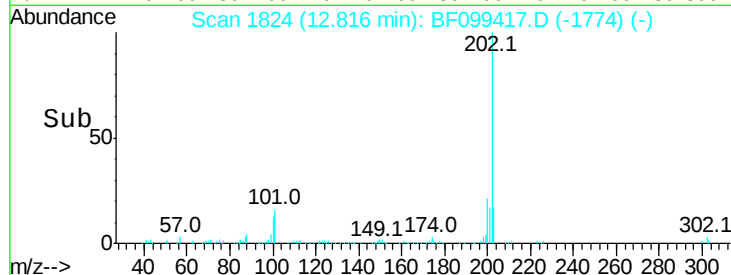
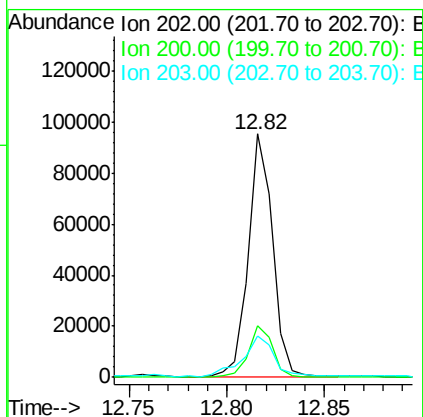
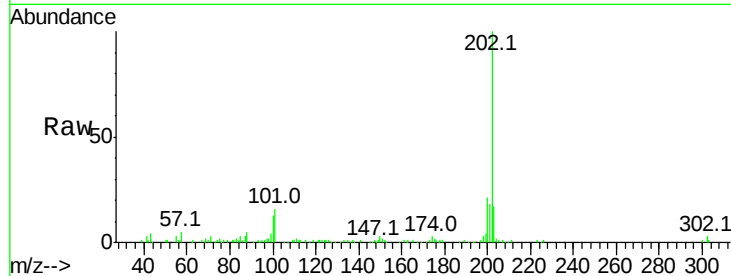
#77
Pvrene
Concen: 4.953 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.0	14.3	21.5

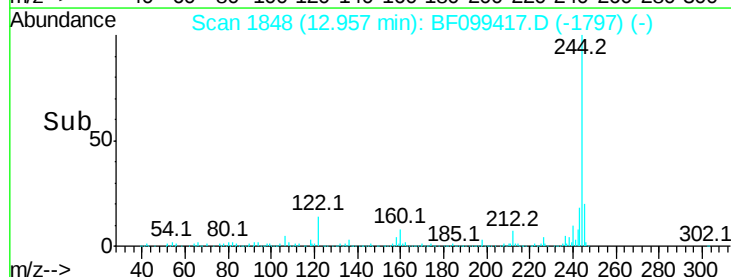
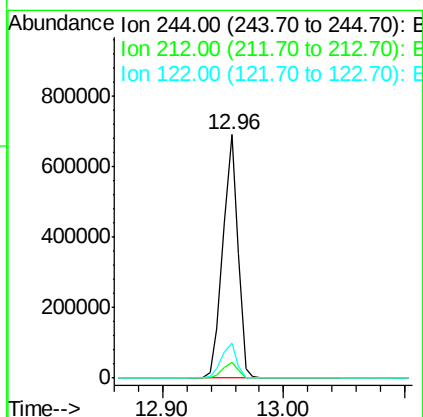
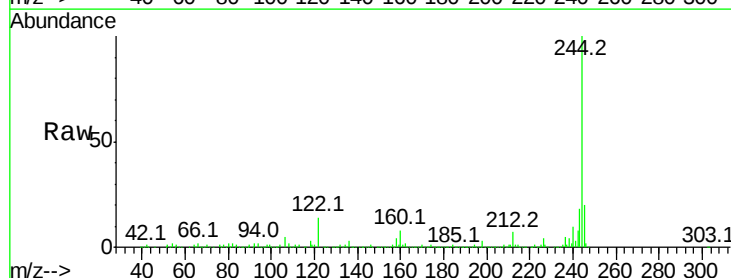
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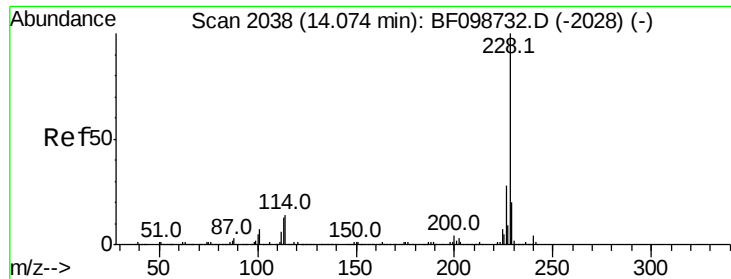
Sohil
10/13/2017 3:06:40 PM



#78
Terphenyl-d14
Concen: 62.348 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.2	11.0	16.4





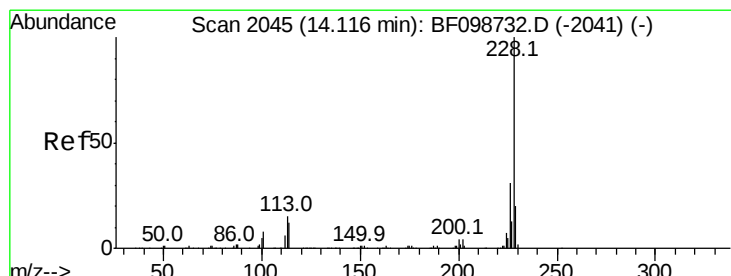
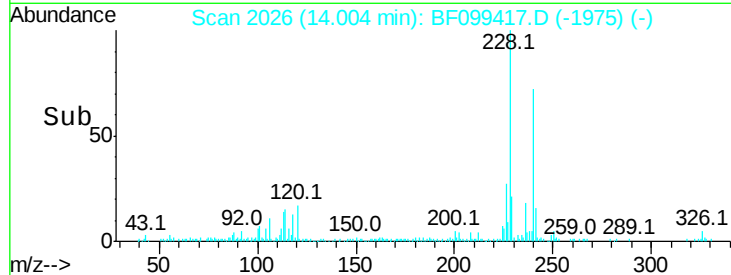
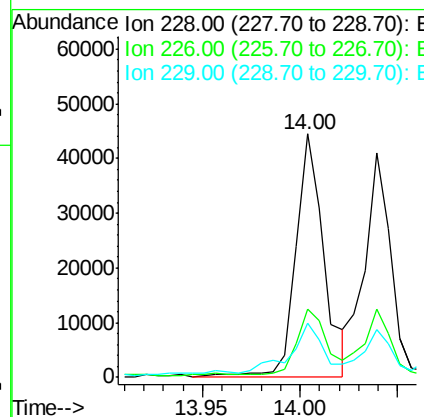
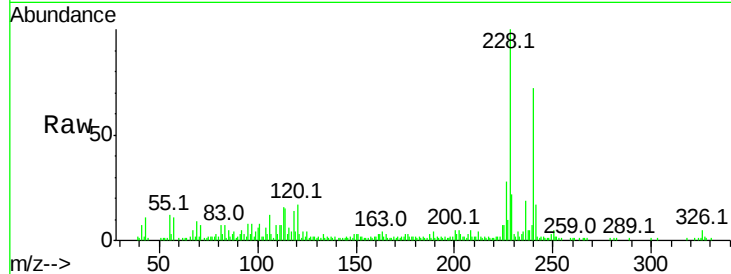
#80
Benzo(a)anthracene
Concen: 3.398 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	22.2	15.8	23.6

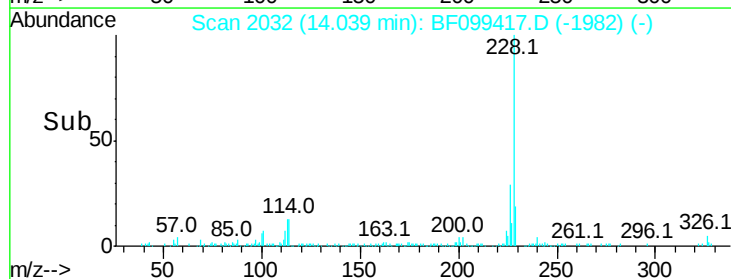
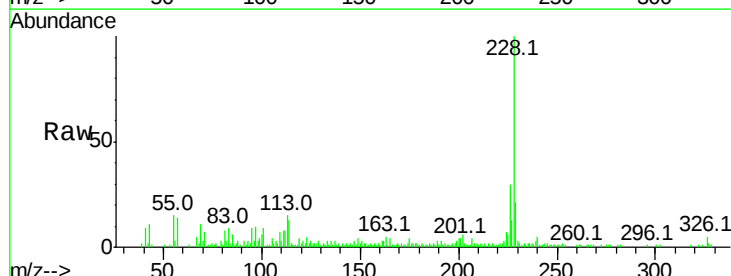
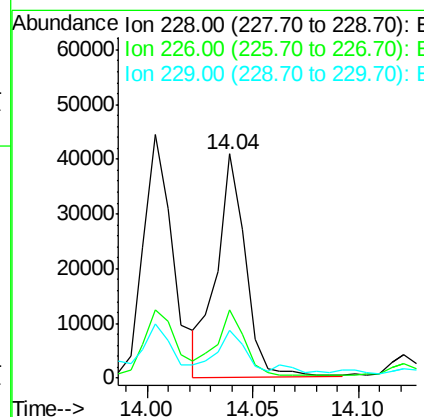
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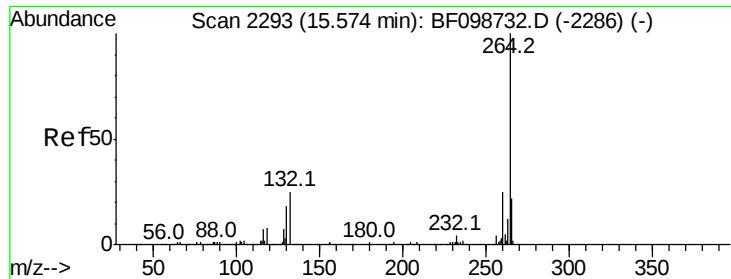
Sohil
10/13/2017 3:06:40 PM



#82
Chrysene
Concen: 3.109 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.2	16.2	24.4





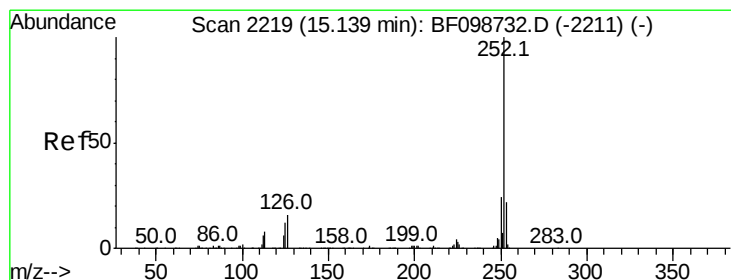
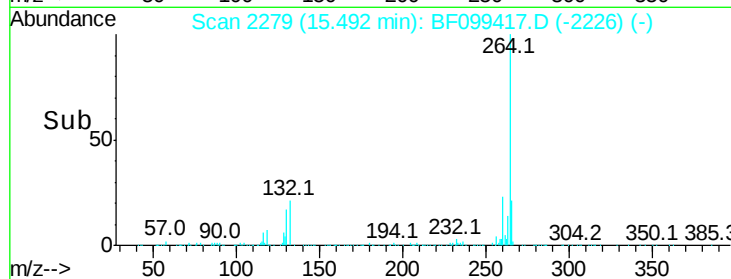
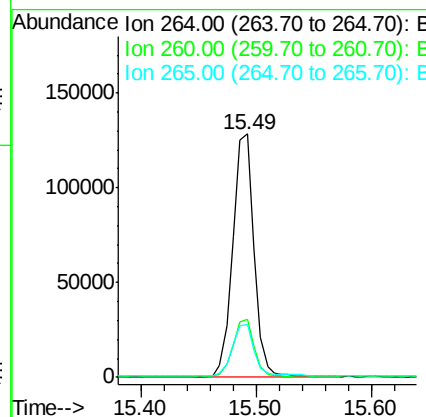
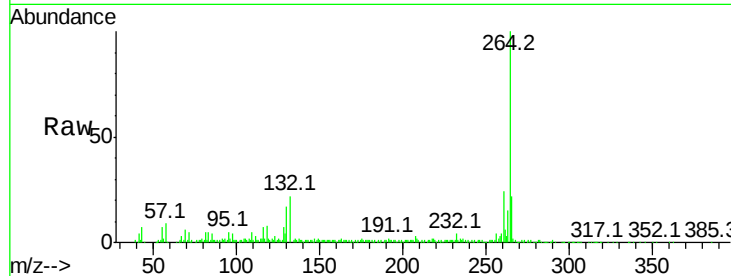
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

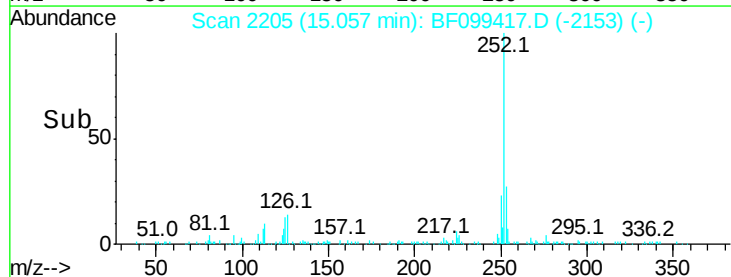
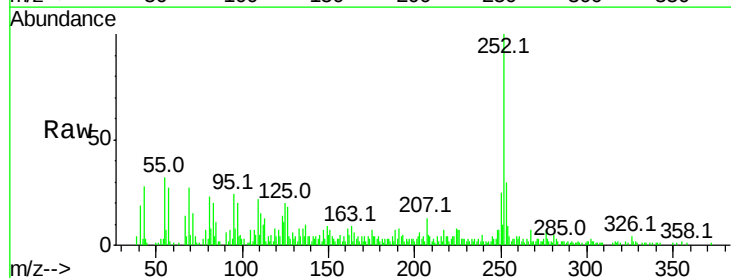
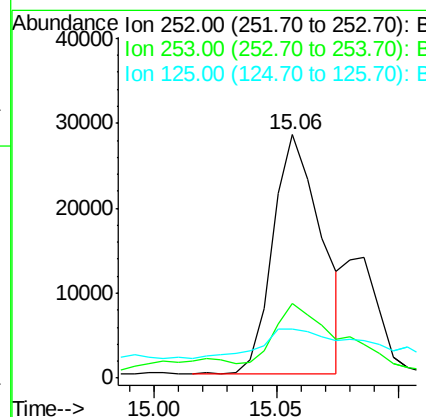
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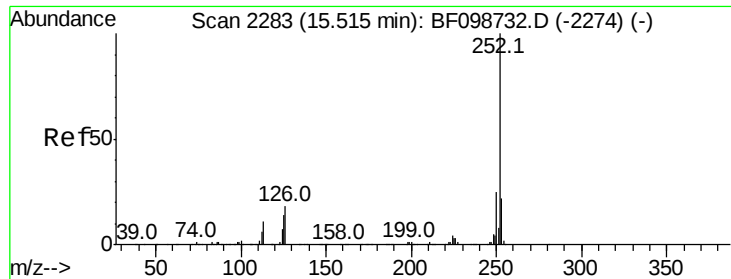
Sohil
10/13/2017 3:06:40 PM



#87
Benzo(b)fluoranthene
Concen: 3.828 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.0	25.6#
125	20.3	9.0	13.6#





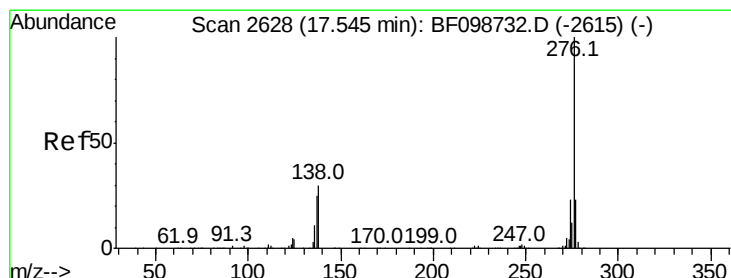
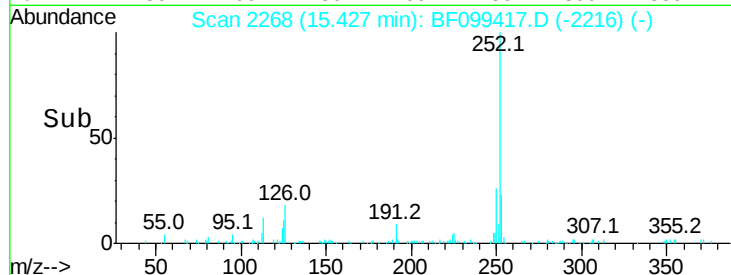
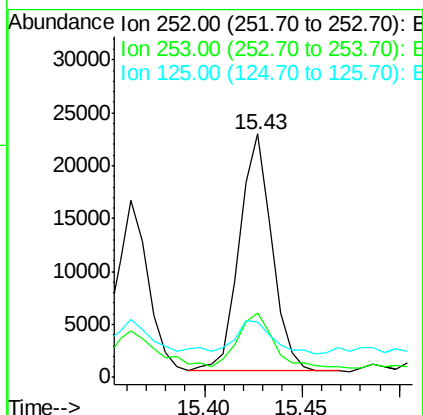
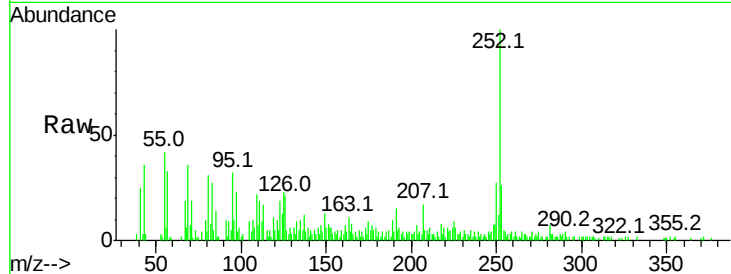
#89
Benzo(a)pyrene
Concen: 2.759 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	22.8	9.8	14.6#

Manual Integrations
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Sohil
10/13/2017 3:06:40 PM



#91
Benzo(g,h,i)perylene
Concen: 2.025 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF099417.D
Acq: 13 Oct 2017 1:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	37.3	21.8	32.8#

