

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099389.D
 Acq On : 12 Oct 2017 12:14
 Operator : SJ/JU
 Sample : I5710-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-33B

Manual Integrations
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Sohil
 10/13/2017 3:05:29 PM

Quant Time: Oct 12 16:35:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139470	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	573654	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	245112	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	398939	20.00	ng	0.00
75) Chrysene-d12	14.02	240	228759	20.00	ng	0.00
86) Perylene-d12	15.49	264	237464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1047976	119.62	ng	0.01
7) Phenol-d6	6.50	99	1284274	118.83	ng	0.01
23) Nitrobenzene-d5	7.42	82	785934	87.86	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	253731	126.51	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1344102	91.54	ng	0.00
78) Terphenyl-d14	12.96	244	911755	90.64	ng	0.00
Target Compounds						
10) Phenol	6.50	94	44516	3.683	ng	98
49) Dimethylphthalate	9.60	163	241402	13.049	ng	99
74) Fluoranthene	12.59	202	77931	3.604	ng	98
77) Pyrene	12.82	202	91230	5.230	ng	98
80) Benzo(a)anthracene	14.00	228	44284	3.197	ng	96
82) Chrysene	14.04	228	47222	3.581	ng	98
85) Indeno(1,2,3-cd)pyrene	16.96	276	40520	3.841	ng	97
87) Benzo(b)fluoranthene	15.05	252	74806m	5.124	ng	
89) Benzo(a)pyrene	15.42	252	55254	4.123	ng	# 96
91) Benzo(g,h,i)perylene	17.41	276	40521	3.822	ng	96

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

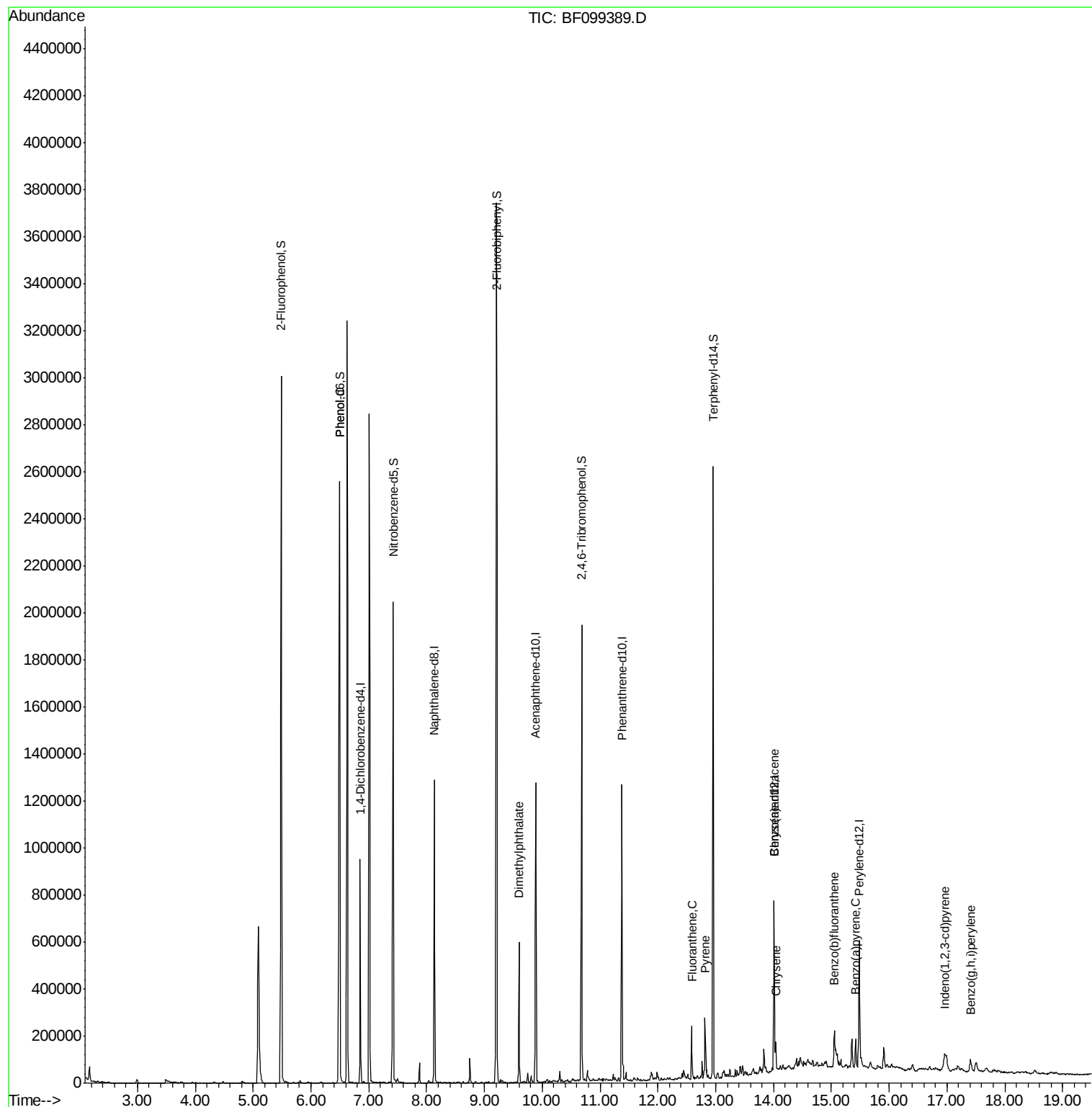
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099389.D
Acq On : 12 Oct 2017 12:14
Operator : SJ/JU
Sample : I5710-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

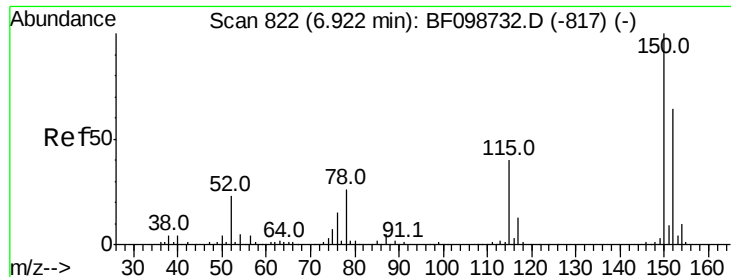
Instrument :
BNA_F
ClientSampleId :
SB-33B

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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#1

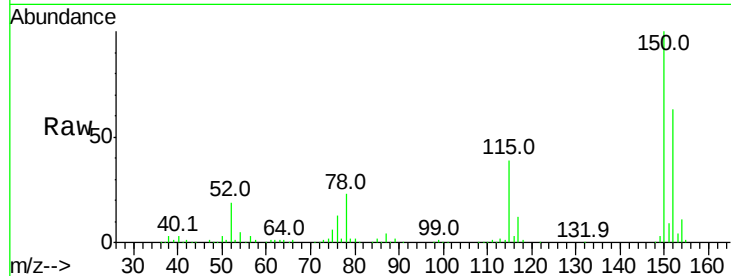
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :
SB-33B

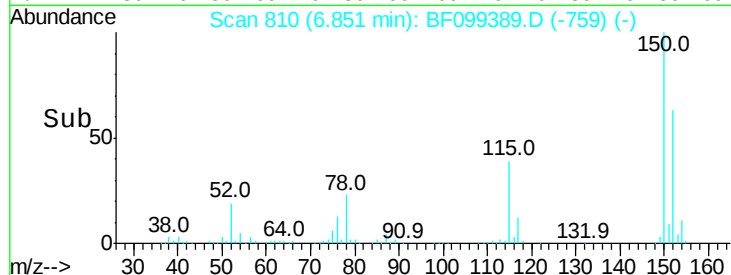
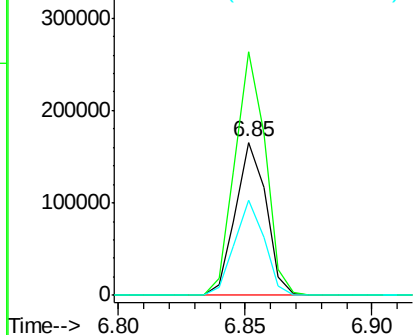
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	62.1	50.1	75.1

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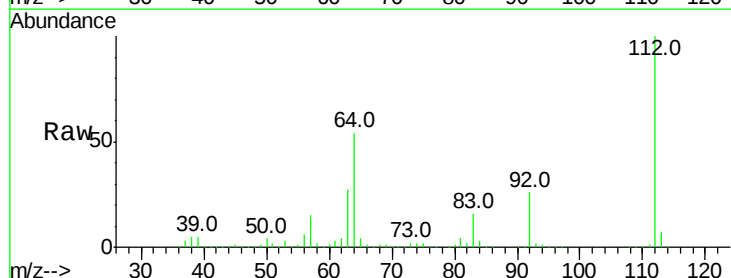
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



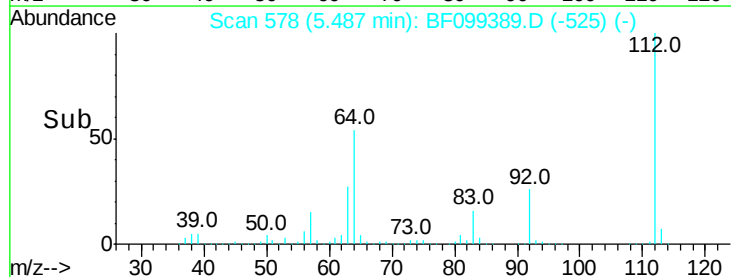
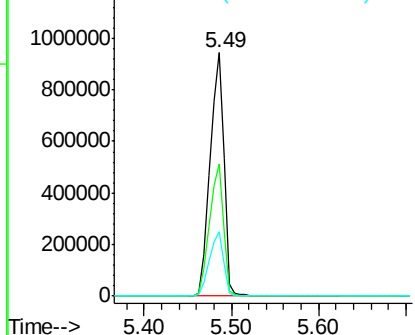
#5

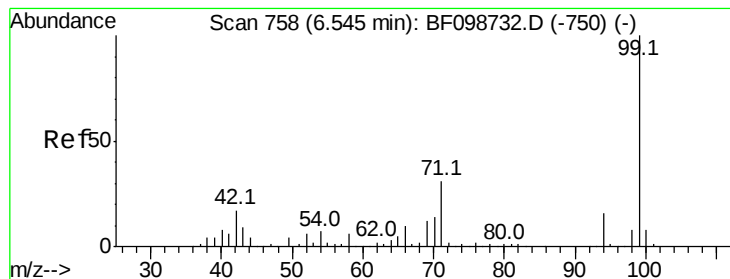
2-Fluorophenol
Concen: 119.615 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.9	71.9
63	26.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.827 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099389.D

Acq: 12 Oct 2017 12:14

Instrument :

BNA_F

ClientSampled :

SB-33B

Tot Ion: 99 Resp: 1284274

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

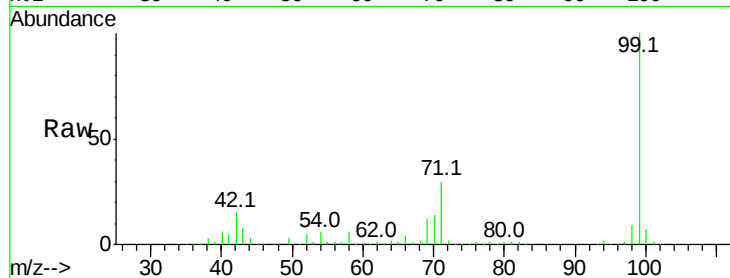
71 30.1 25.4 38.0

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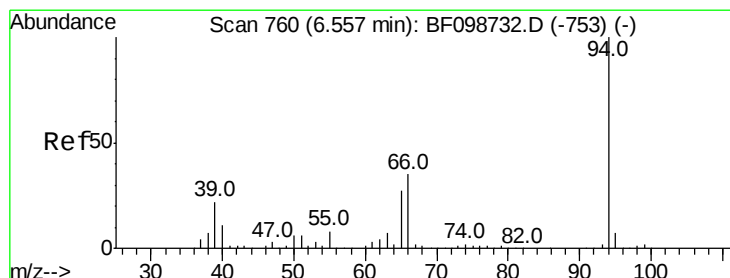
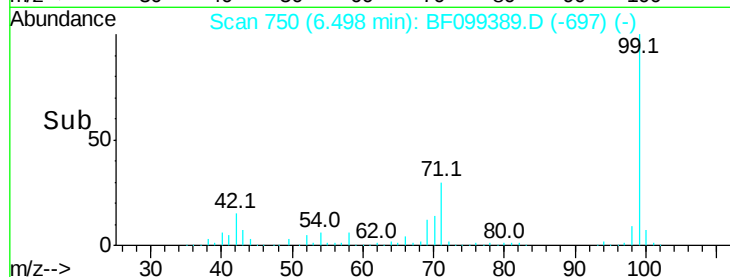
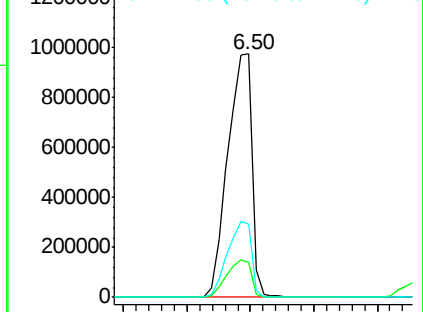
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.683 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF099389.D

Acq: 12 Oct 2017 12:14

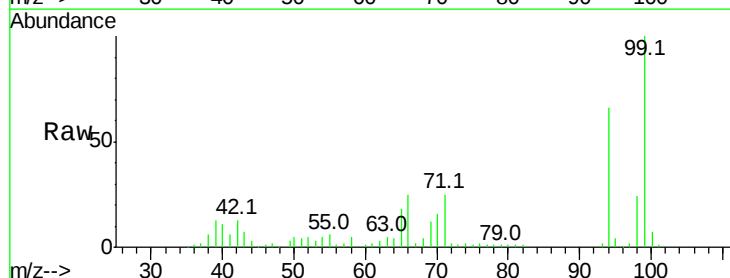
Tgt Ion: 94 Resp: 44516

Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

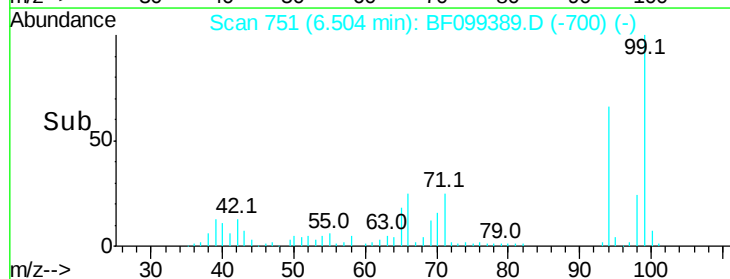
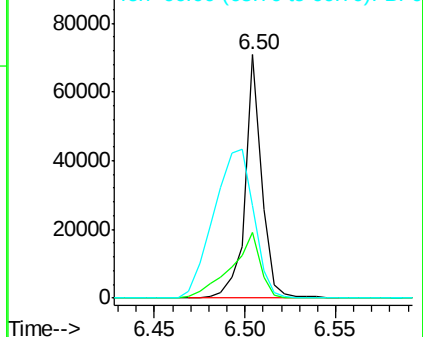
66 37.8 16.2 56.2

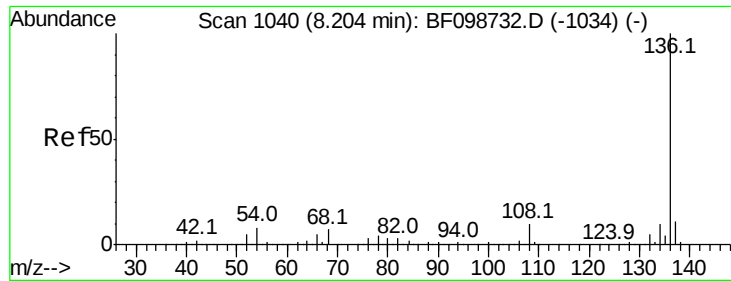


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





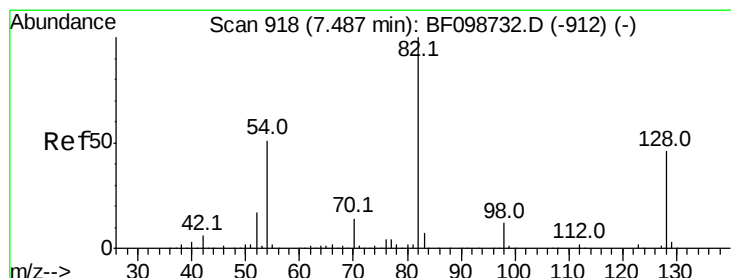
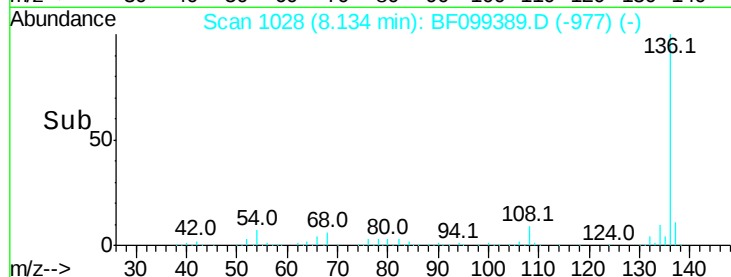
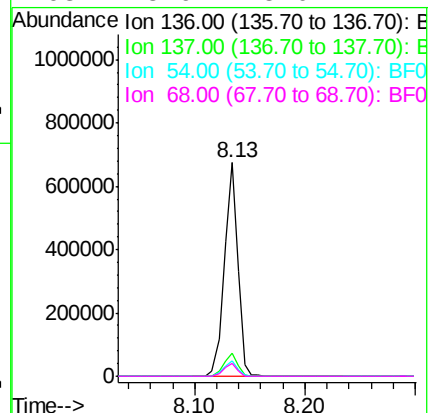
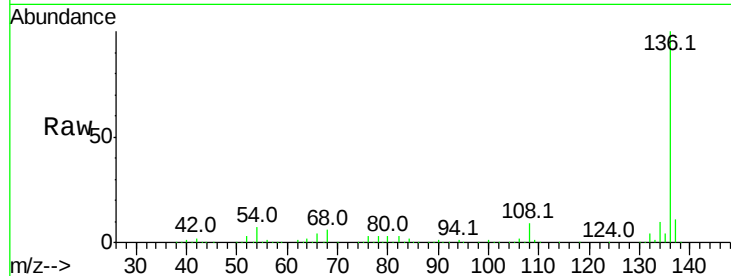
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :
SB-33B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.2	6.6	9.8	
68	5.9	5.0	7.4	

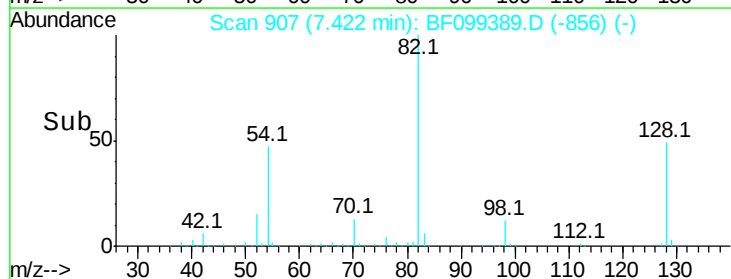
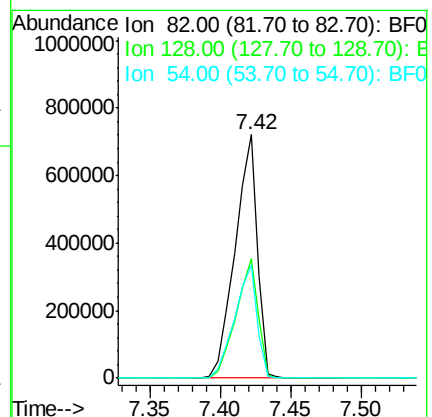
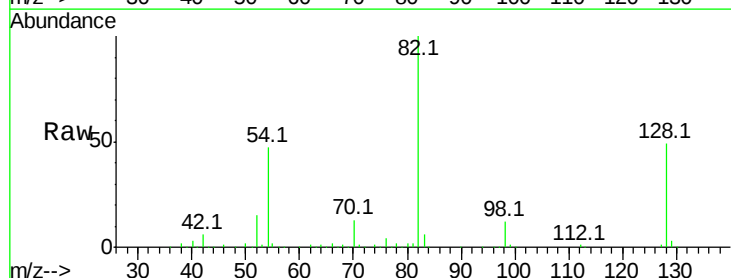
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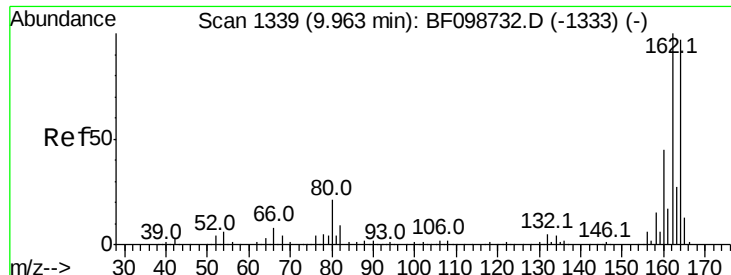
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#23
Nitrobenzene-d5
Concen: 87.861 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.9	36.1	54.1	
54	46.7	41.4	62.2	





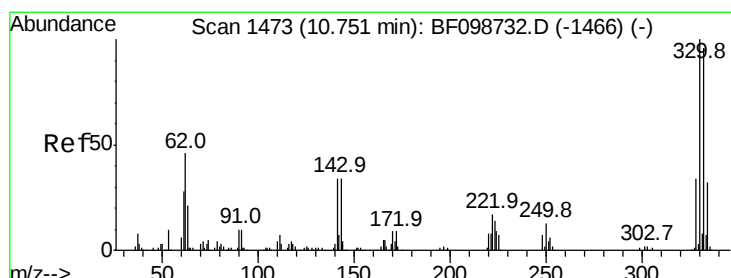
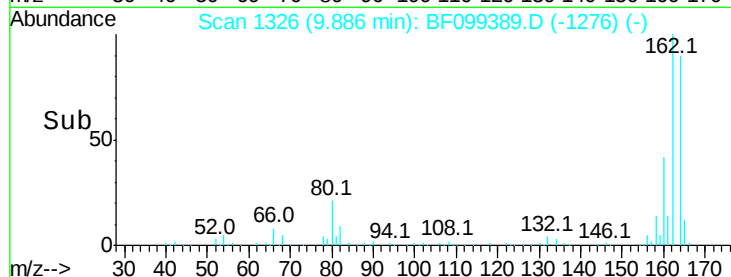
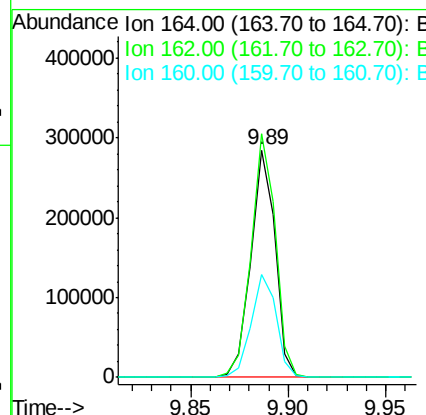
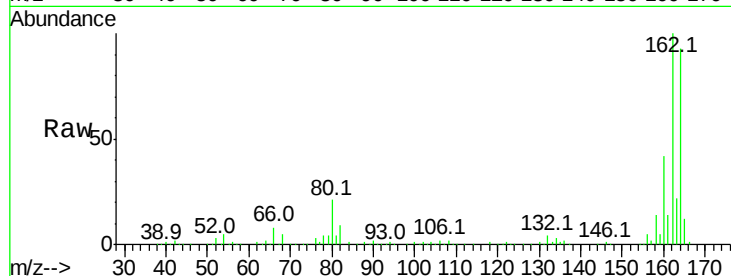
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :
SB-33B

Tot Ion	Ratio	Resp	Lower	Upper
164	100	245112		
162	107.1	86.1	129.1	
160	45.4	38.3	57.5	

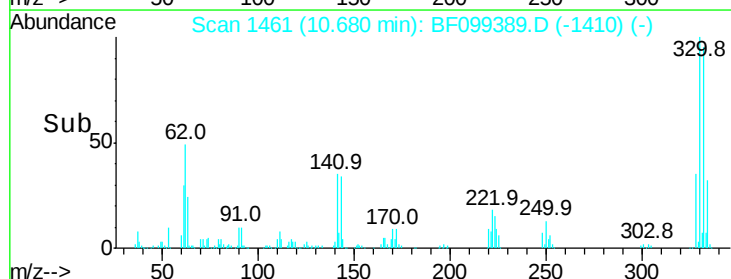
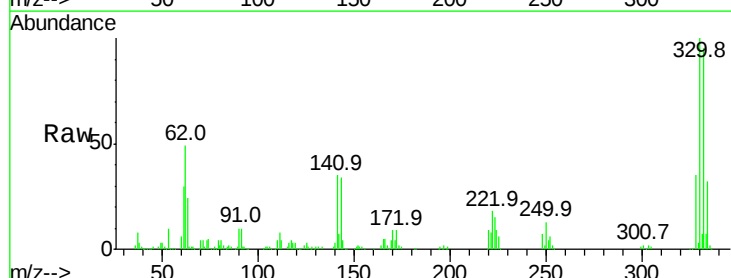
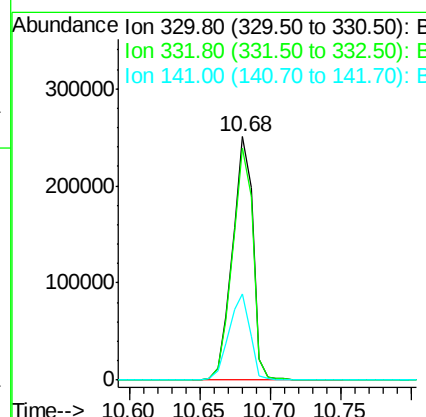
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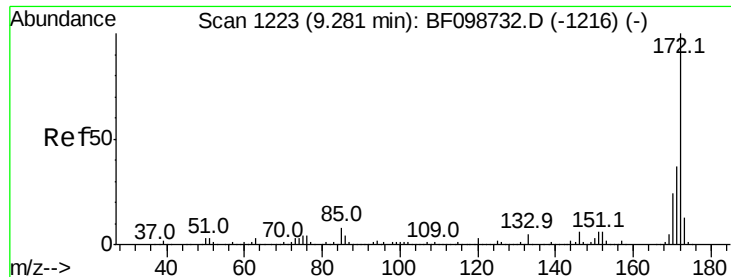
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#41
2,4,6-Tribromophenol
Concen: 126.506 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	253731		
332	95.7	77.0	115.6	
141	36.4	29.9	44.9	





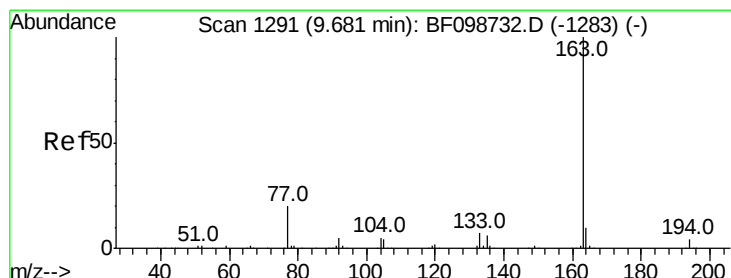
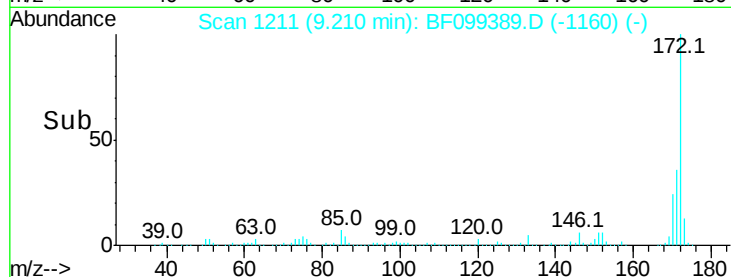
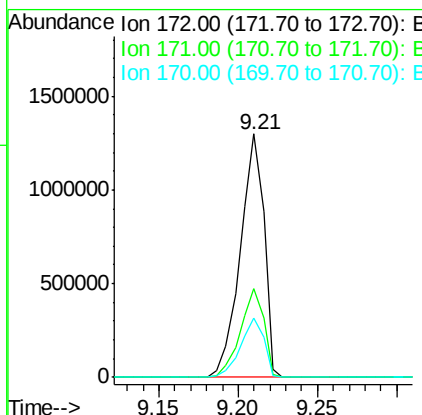
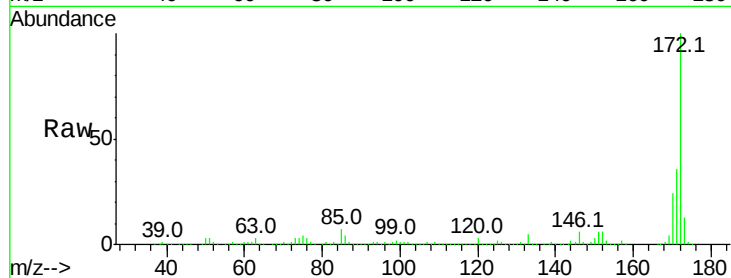
#44
2-Fluorobiphenyl
Concen: 91.545 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :
SB-33B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

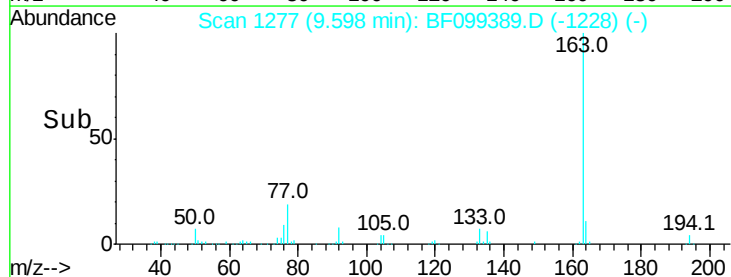
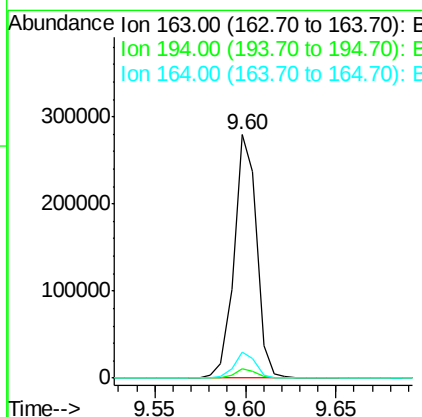
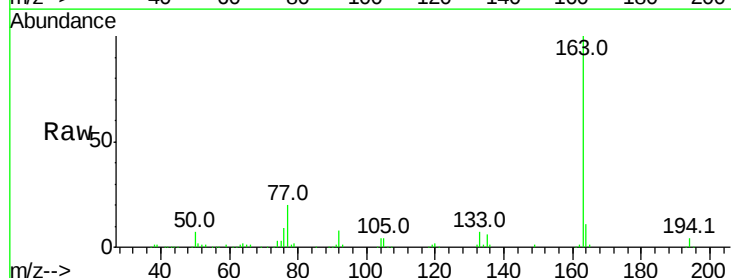
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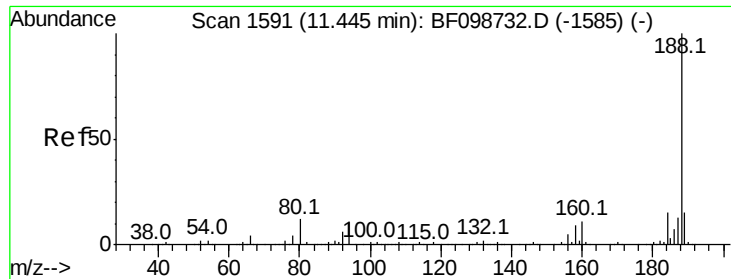
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#49
Dimethylphthalate
Concen: 13.049 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.6	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: BF099389.D

Acq: 12 Oct 2017 12:14

Instrument :

BNA_F

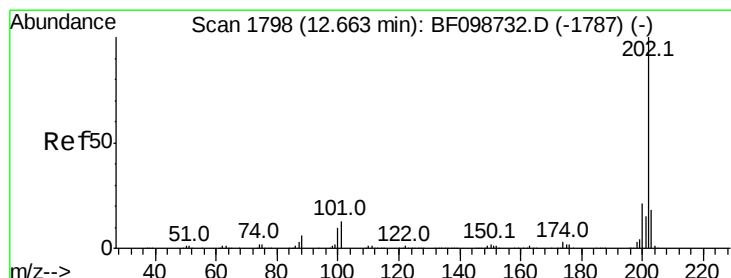
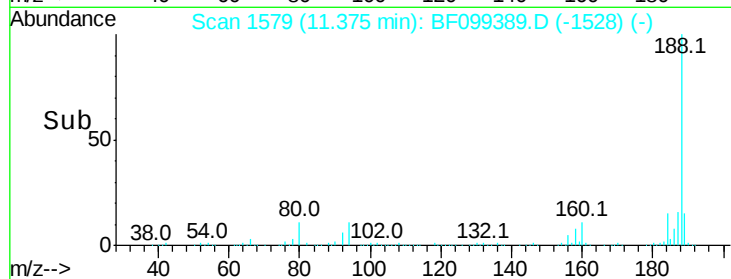
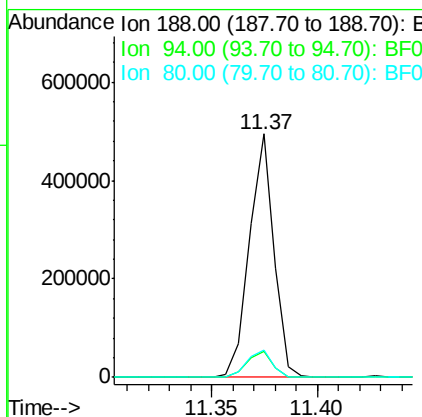
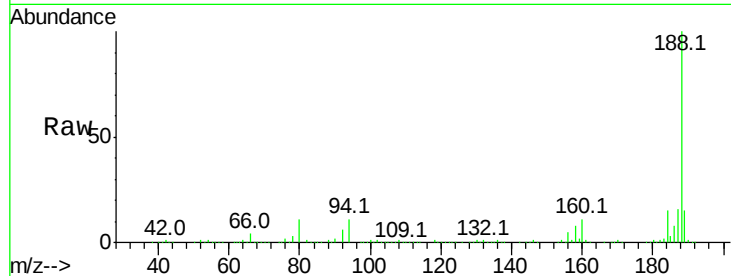
ClientSampleId :

SB-33B

Tot Ion:	188	Resp:	398939
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8

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#74

Fluoranthene

Concen: 3.604 ng

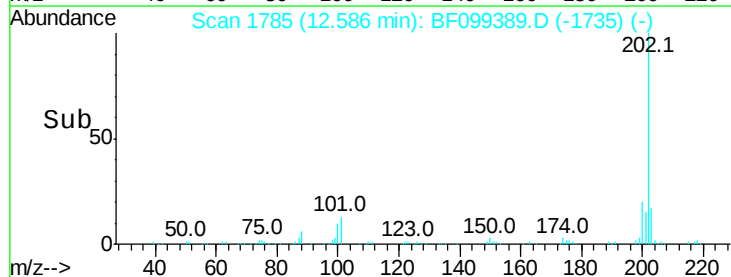
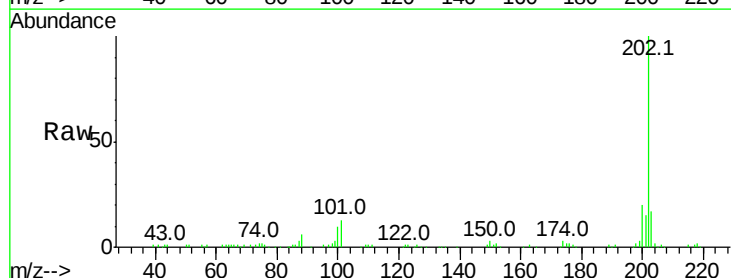
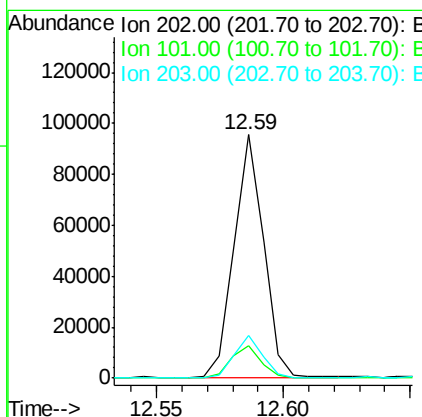
RT: 12.59 min Scan# 1785

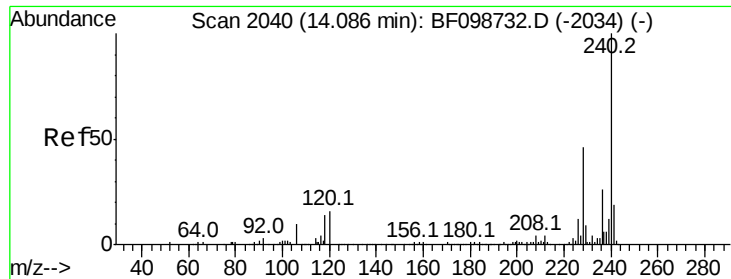
Delta R.T. -0.01 min

Lab File: BF099389.D

Acq: 12 Oct 2017 12:14

Tgt Ion:	202	Resp:	77931
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099389.D

Acq: 12 Oct 2017 12:14

Instrument :

BNA_F

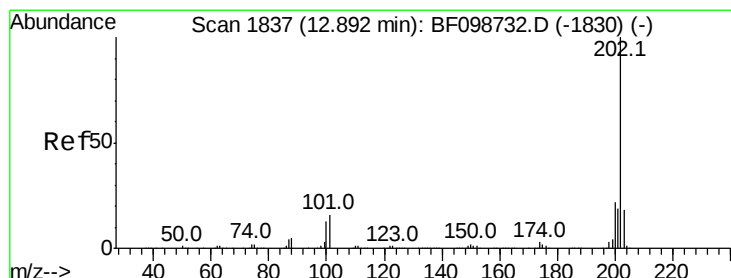
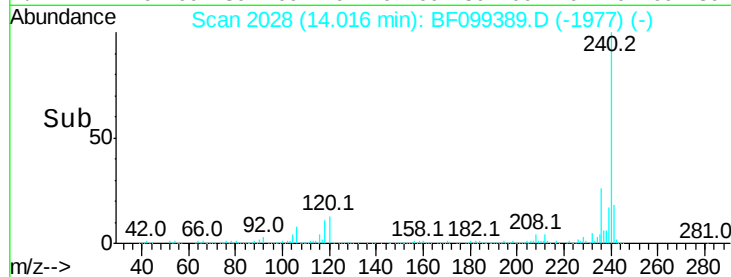
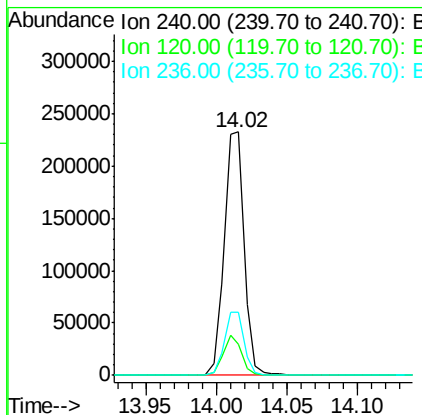
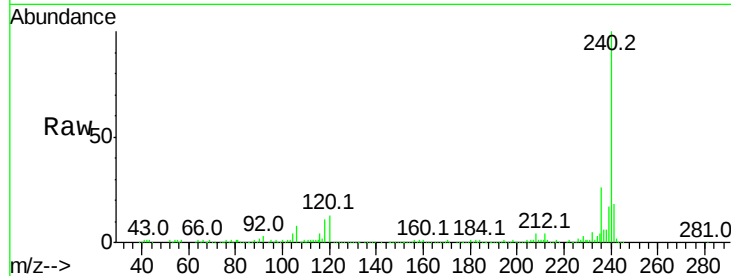
ClientSampleId :

SB-33B

Tot Ion:	240	Resp:	228759
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.5	14.3
236	25.8	20.7	31.1

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#77

Pyrene

Concen: 5.230 ng

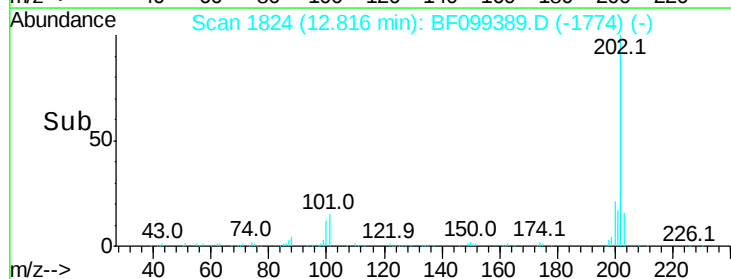
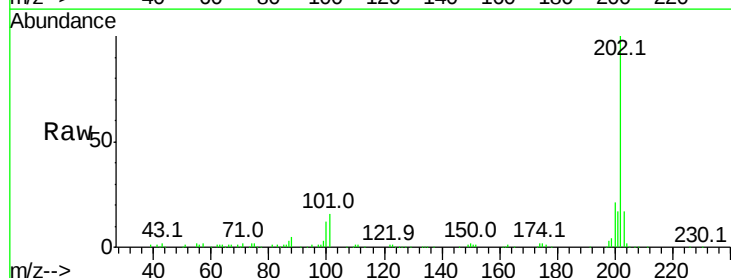
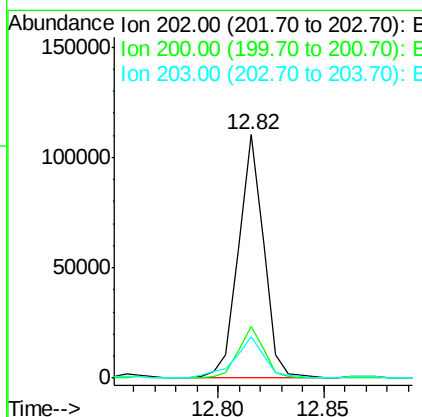
RT: 12.82 min Scan# 1824

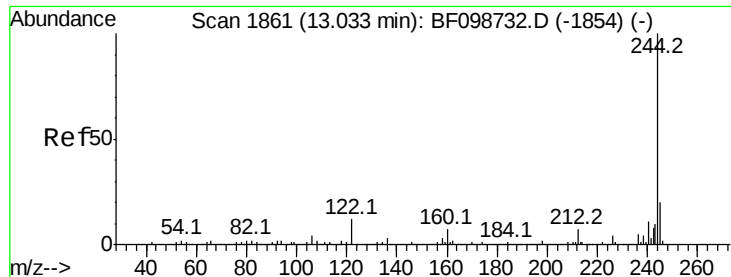
Delta R.T. -0.01 min

Lab File: BF099389.D

Acq: 12 Oct 2017 12:14

Tgt Ion:	202	Resp:	91230
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.0	14.3	21.5





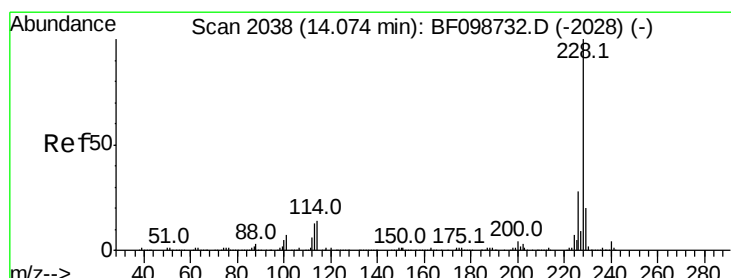
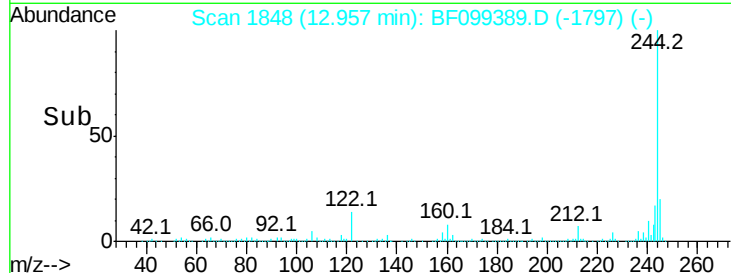
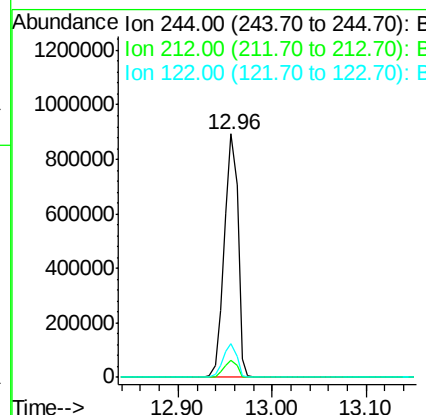
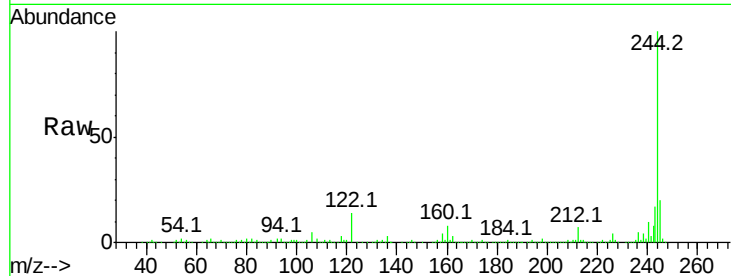
#78
 Terphenyl-d14
 Concen: 90.642 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099389.D
 Acq: 12 Oct 2017 12:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-33B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.7	11.0	16.4

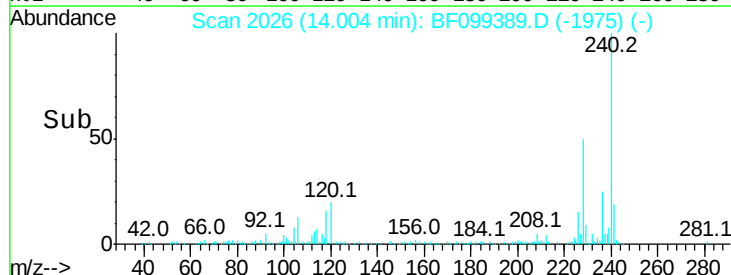
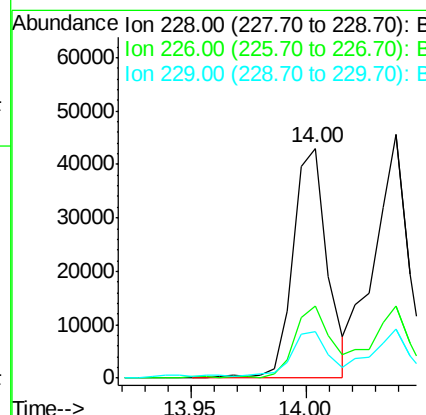
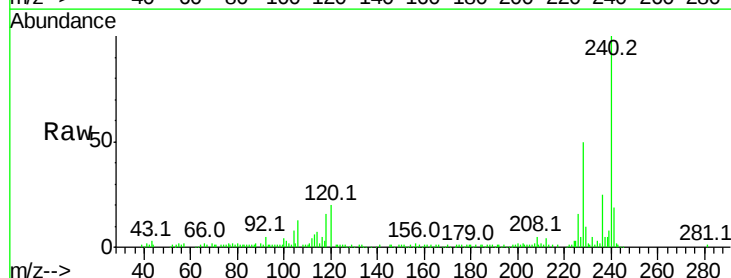
Manual Integrations
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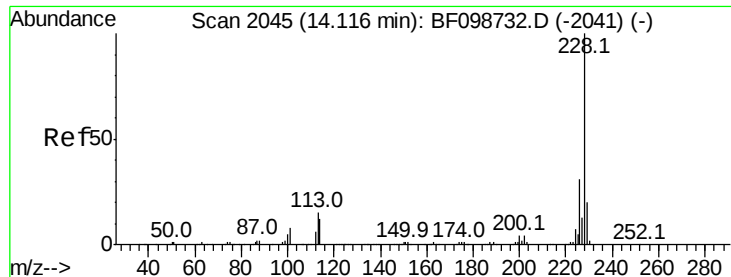
Sohil
 10/13/2017 3:05:29 PM



#80
 Benzo(a)anthracene
 Concen: 3.197 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF099389.D
 Acq: 12 Oct 2017 12:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	20.4	15.8	23.6





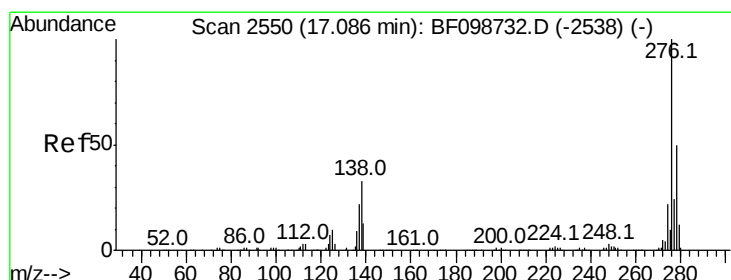
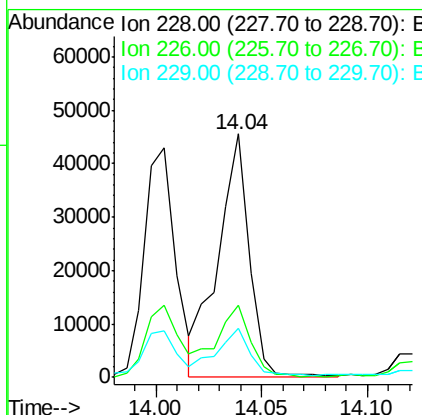
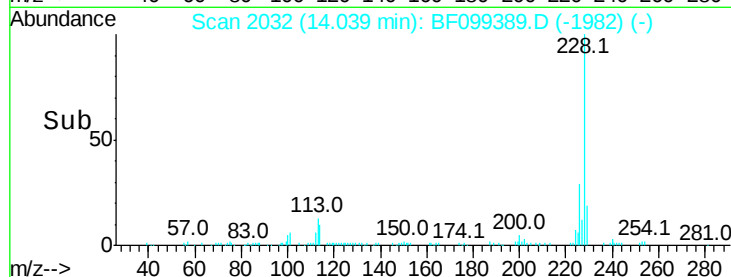
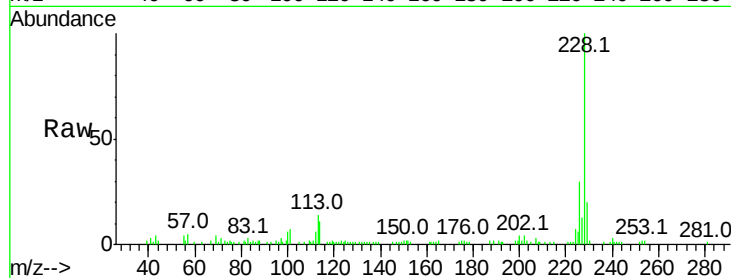
#82
Chrysene
Concen: 3.581 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampleId :
SB-33B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	20.3	16.2	24.4

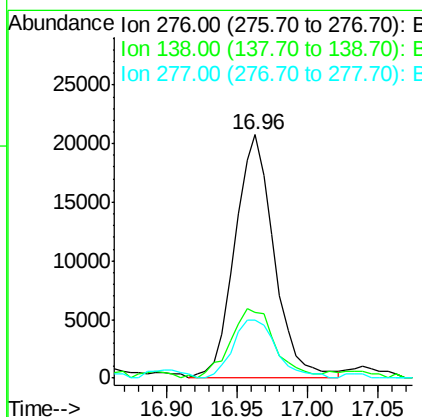
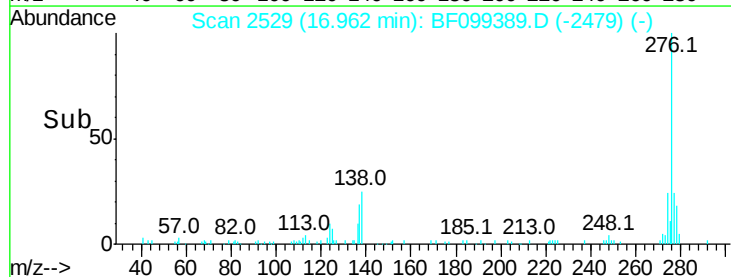
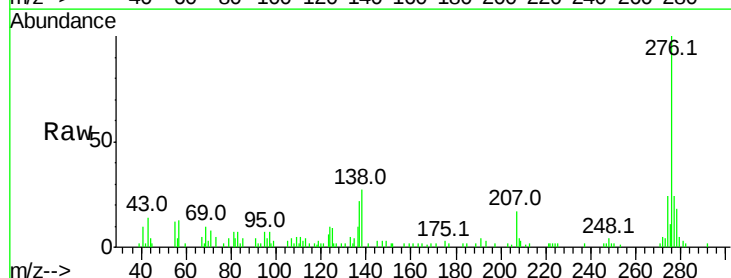
Manual Integrations
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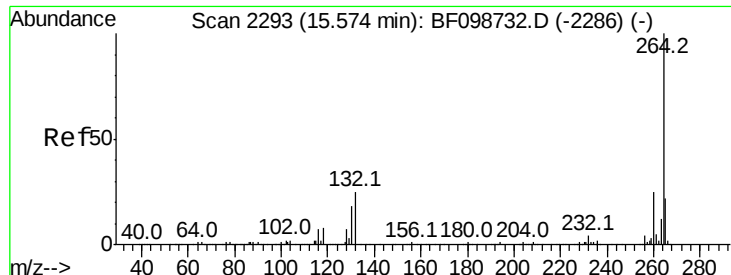
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.841 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.6
277	26.4	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099389.D

Acq: 12 Oct 2017 12:14

Instrument :

BNA_F

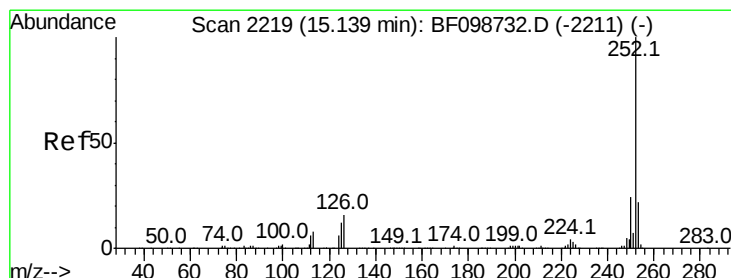
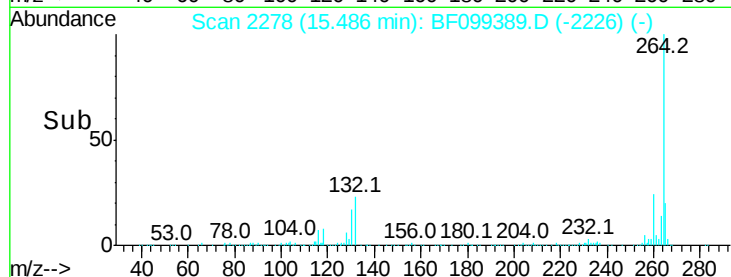
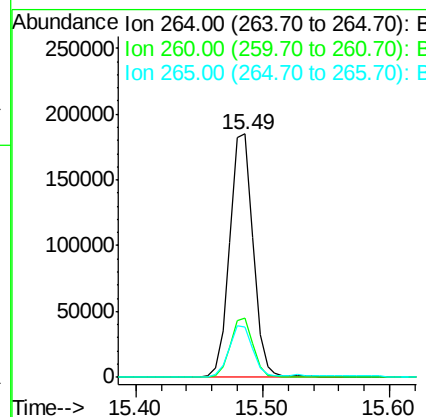
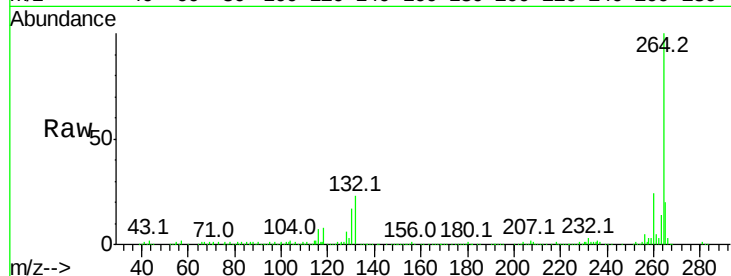
ClientSampled :

SB-33B

Tot Ion:	264	Resp:	237464
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	20.5	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 5.124 ng m

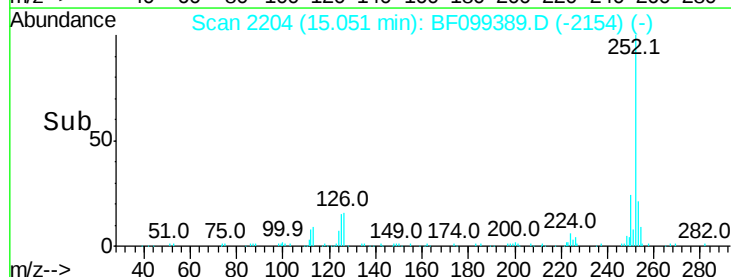
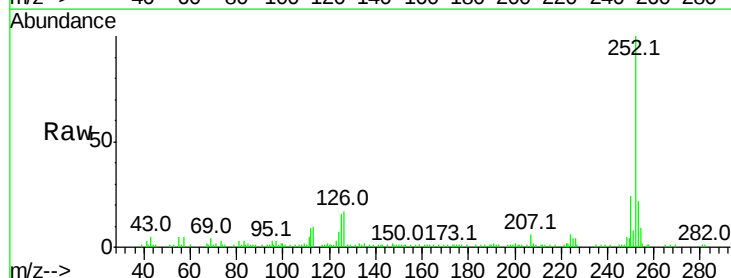
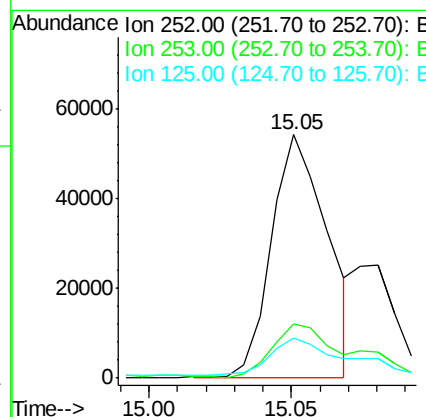
RT: 15.05 min Scan# 2204

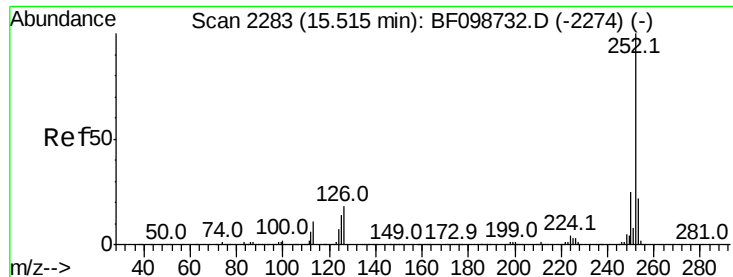
Delta R.T. -0.01 min

Lab File: BF099389.D

Acq: 12 Oct 2017 12:14

Tgt Ion:	252	Resp:	74806
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	16.2	9.0	13.6#





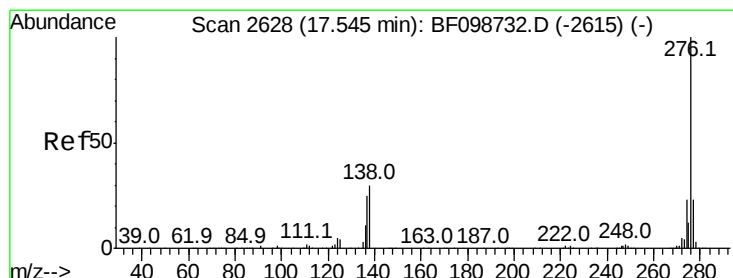
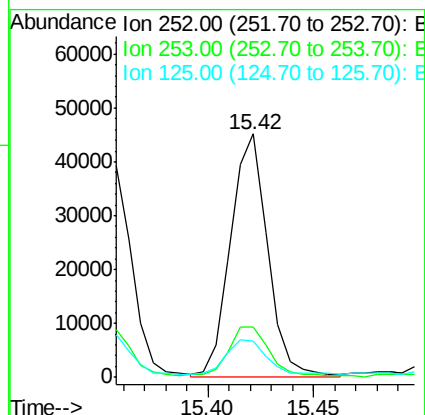
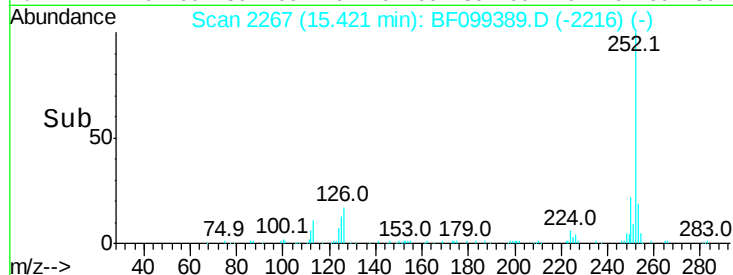
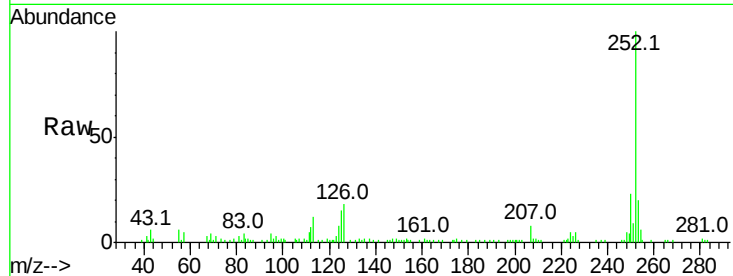
#89
Benzo(a)pyrene
Concen: 4.123 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Instrument :
BNA_F
ClientSampled :
SB-33B

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.1	25.7
125	14.7	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.822 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF099389.D
Acq: 12 Oct 2017 12:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	29.3	21.8	32.8

