

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111059.D
 Acq On : 28 Nov 2018 21:34
 Operator : JU/SJ
 Sample : J6079-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 J-4

Manual Integrations
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Quant Time: Nov 29 03:29:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54379	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	216337	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	86795	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	126707	20.00	ng	0.00
76) Chrysene-d12	14.13	240	109889	20.00	ng	0.00
87) Perylene-d12	15.66	264	85628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	309322	94.33	ng	0.00
7) Phenol-d6	6.56	99	400917	93.82	ng	0.00
23) Nitrobenzene-d5	7.50	82	251620	66.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	68601	79.58	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	425701	71.06	ng	0.00
79) Terphenyl-d14	13.05	244	272974	48.36	ng	0.00
Target Compounds						
10) Phenol	6.57	94	19547	4.062	ng	83
50) Dimethylphthalate	9.69	163	33138	5.206	ng	98
71) Phenanthrene	11.50	178	26859	4.002	ng	98
75) Fluoranthene	12.70	202	36038	5.225	ng	97
78) Pyrene	12.93	202	40987	5.107	ng	97
81) Benzo(a)anthracene	14.12	228	15801m	2.436	ng	
83) Chrysene	14.16	228	19531	3.058	ng	97
84) Bis(2-ethylhexyl)phthalate	14.06	149	13742	2.846	ng	96
88) Benzo(b)fluoranthene	15.22	252	16495m	3.279	ng	
90) Benzo(a)pyrene	15.60	252	11246	2.402	ng	94

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

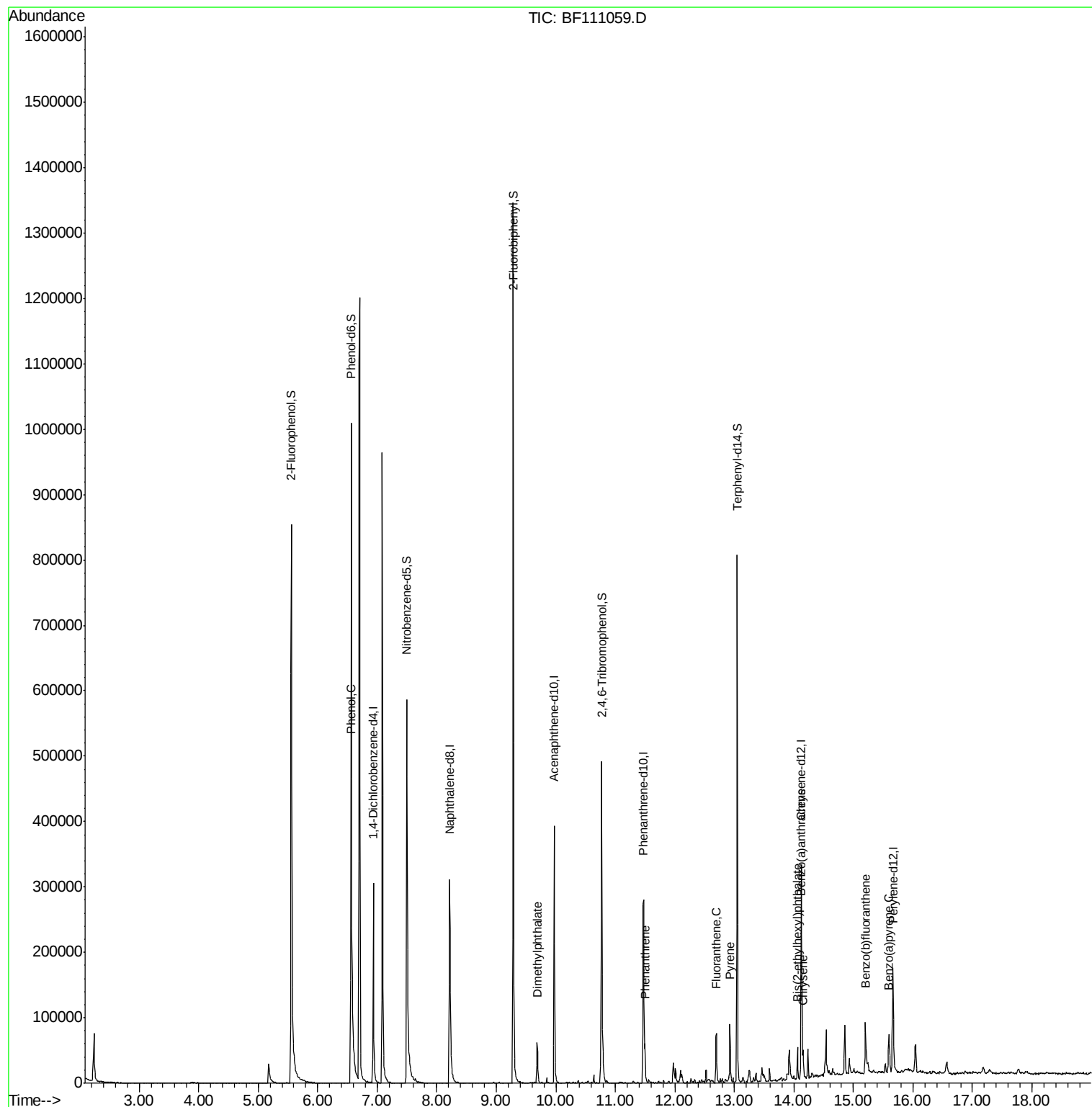
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
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QLast Update : Tue Nov 27 15:32:10 2018
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#1

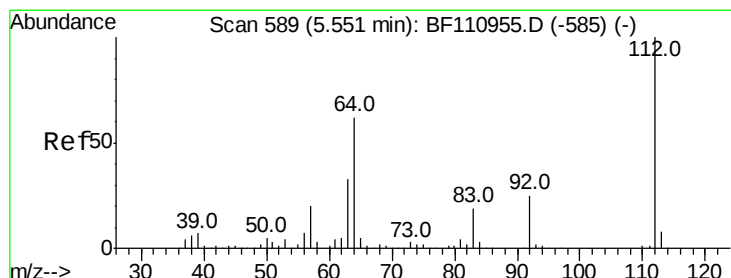
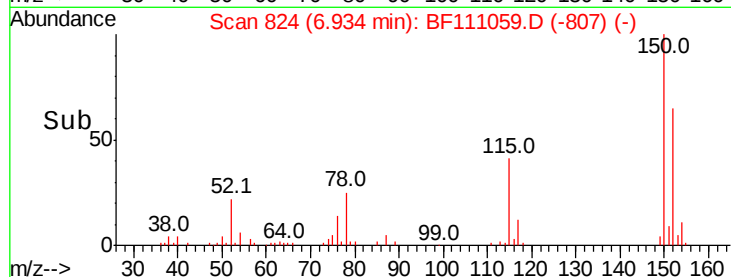
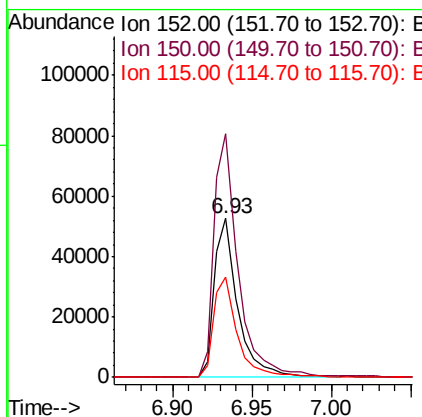
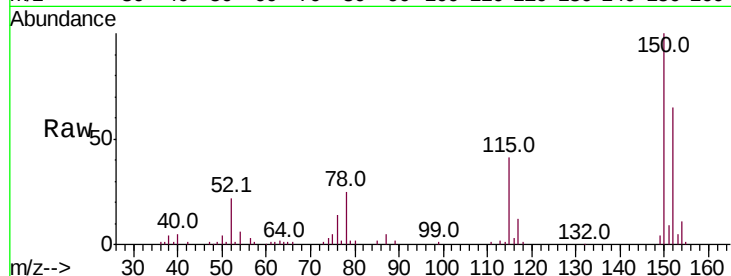
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampled :
J-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.7	184.1
115	62.8	49.1	73.7

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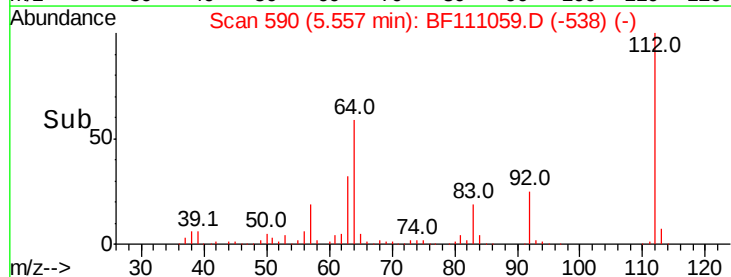
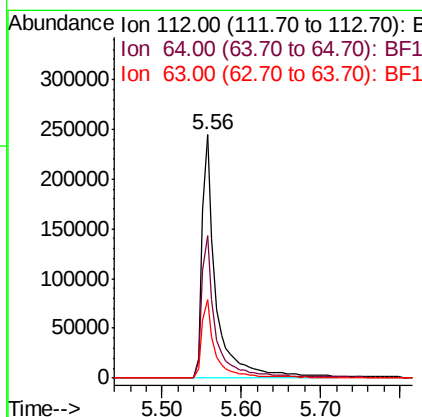
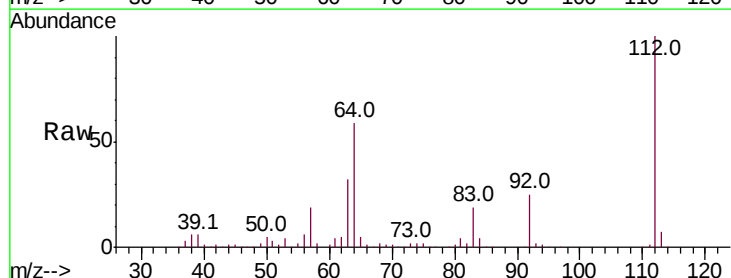
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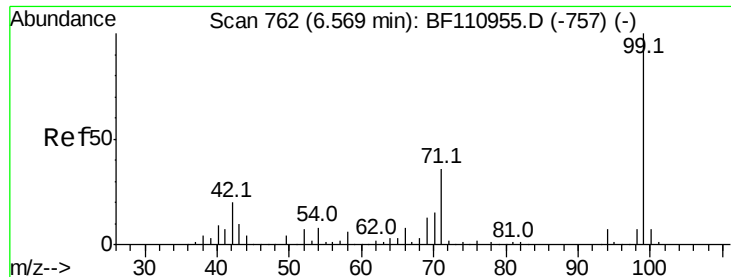


#5

2-Fluorophenol
Concen: 94.329 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.1	66.1
63	32.3	23.7	35.5





#7

Phenol-d6

Concen: 93.819 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111059.D

Acq: 28 Nov 2018 21:34

Instrument :

BNA_F

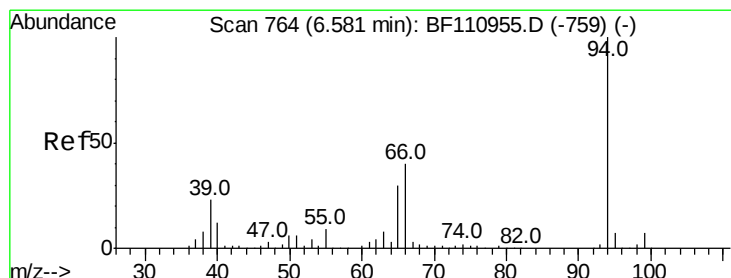
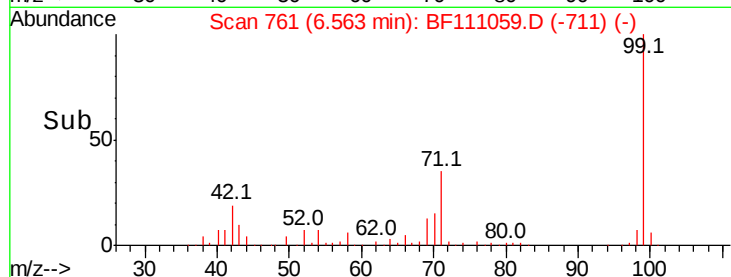
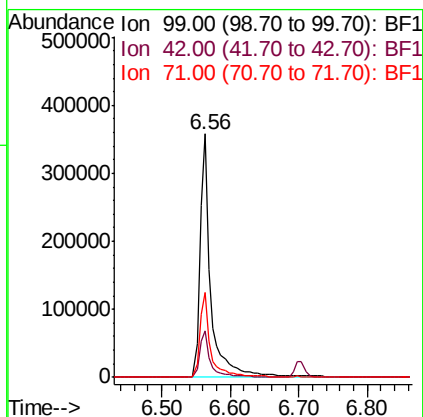
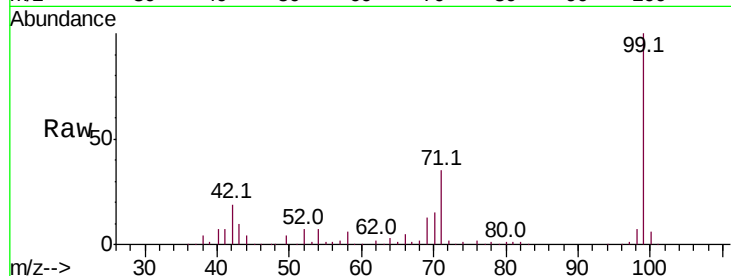
ClientSampled :

J-4

Tot Ion:	99	Resp:	400917
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.8	23.6
71	35.0	28.0	42.0

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#10

Phenol

Concen: 4.062 ng

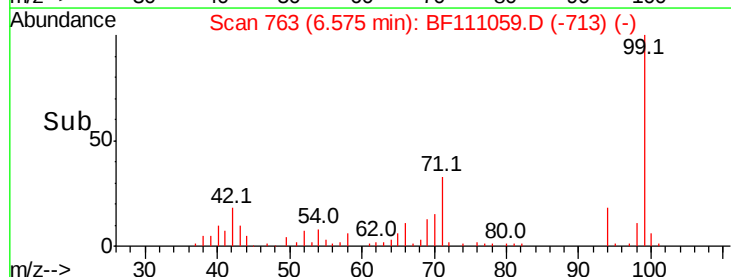
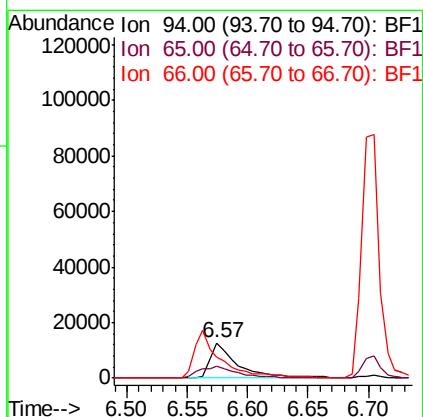
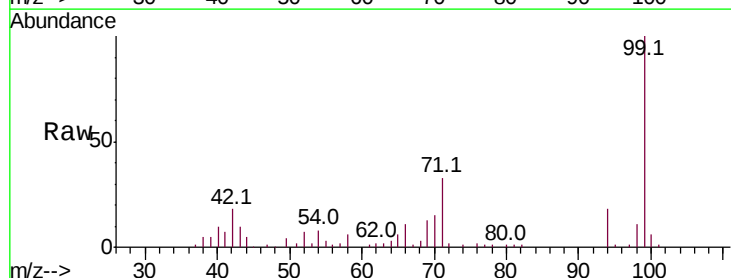
RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111059.D

Acq: 28 Nov 2018 21:34

Tgt Ion:	94	Resp:	19547
Ion Ratio	Lower	Upper	
94	100		
65	33.0	25.3	65.3
66	61.2	54.5	94.5





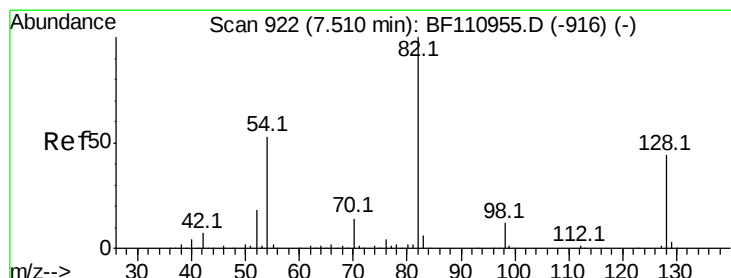
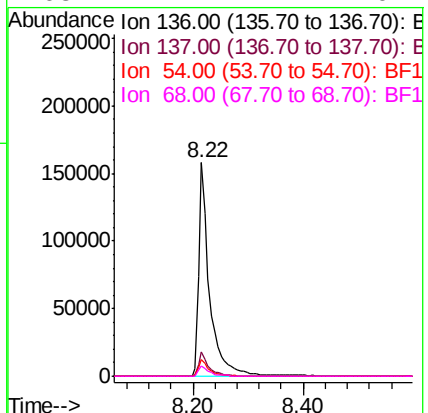
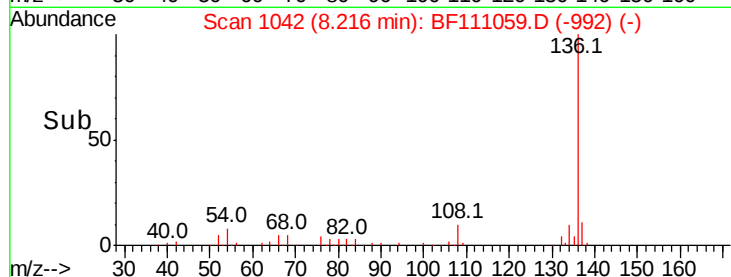
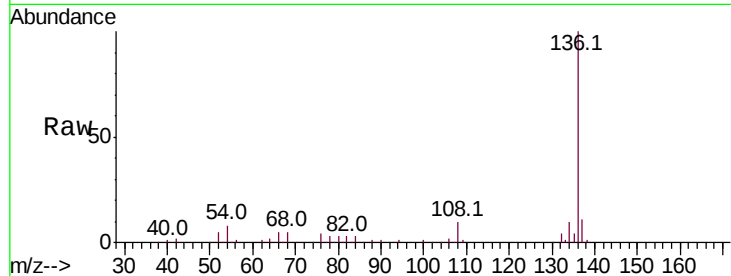
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampled :
J-4

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.8	13.2	
54	8.0	5.4	8.2	
68	4.7	4.2	6.2	

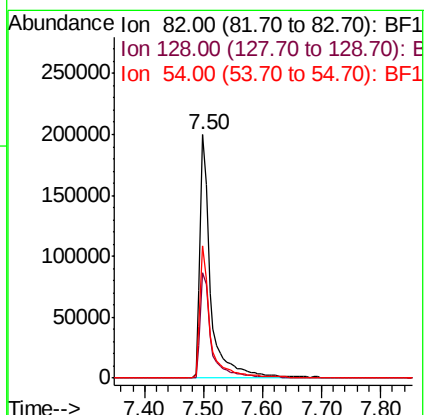
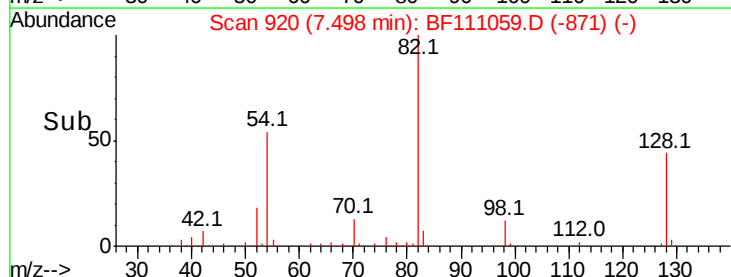
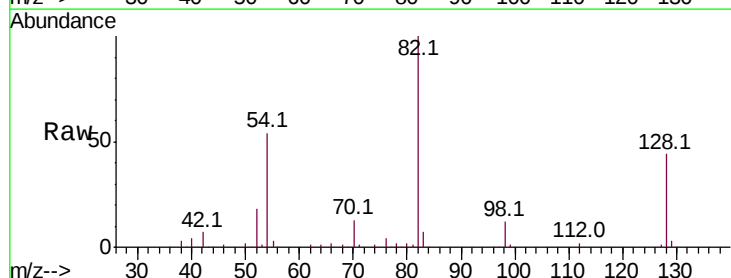
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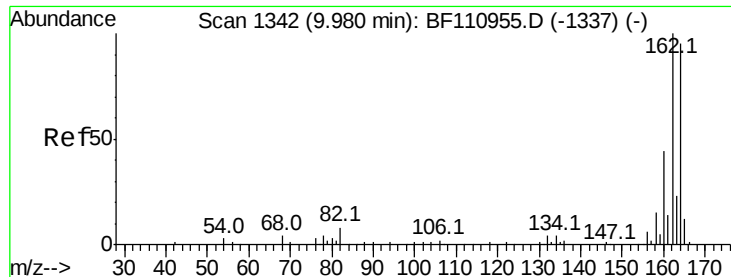
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#23
Nitrobenzene-d5
Concen: 66.565 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	34.2	51.2	
54	54.3	38.6	58.0	





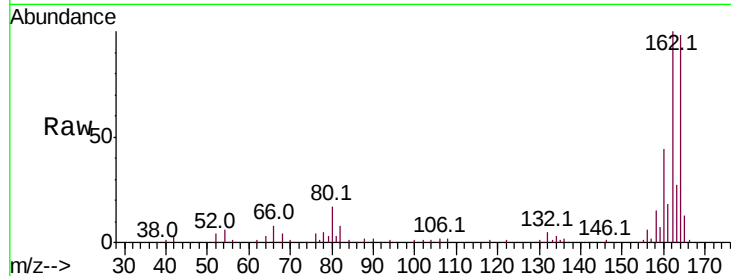
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

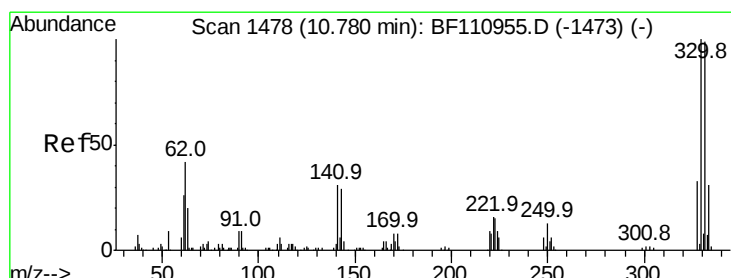
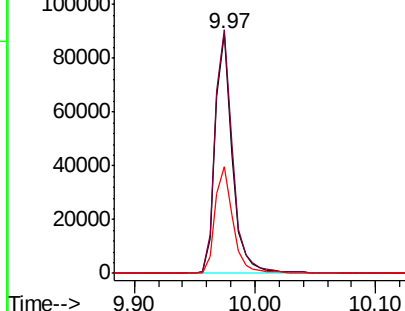
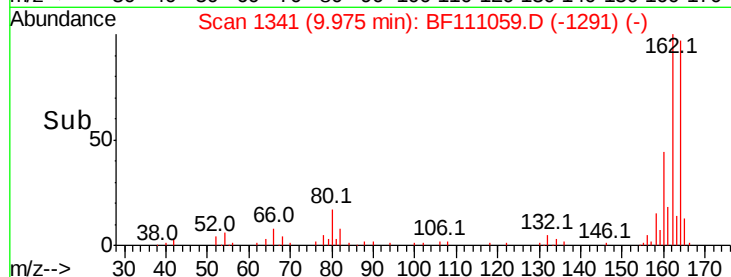
Tot Ion:	164	Resp:	86795
Ion Ratio	Lower	Upper	
164	100		
162	101.6	83.0	124.6
160	44.7	37.0	55.6

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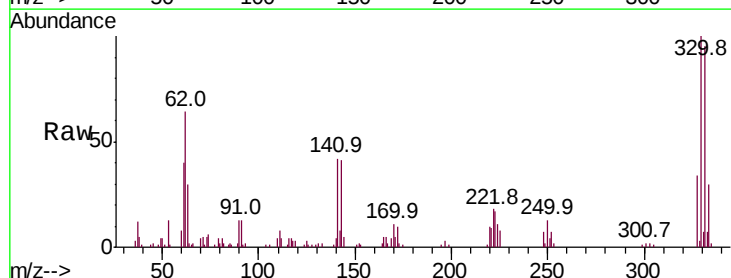


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

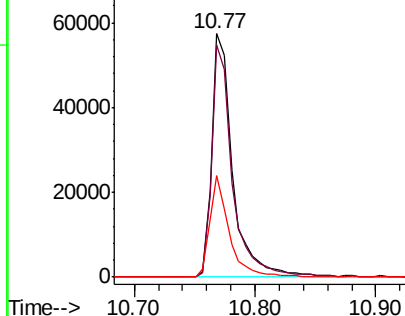
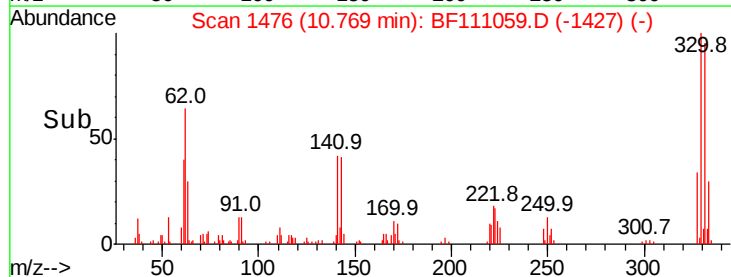


#42
2,4,6-Tribromophenol
Concen: 79.584 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:	330	Resp:	68601
Ion Ratio	Lower	Upper	
330	100		
332	93.8	77.1	115.7
141	38.6	27.0	40.4



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





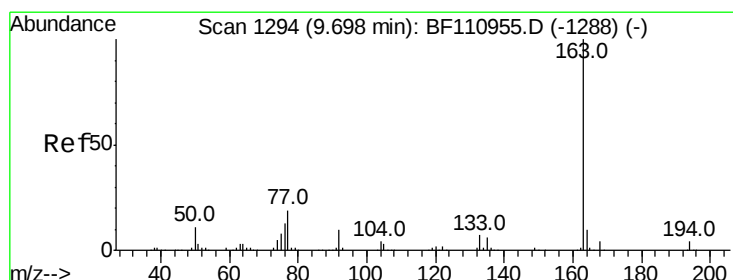
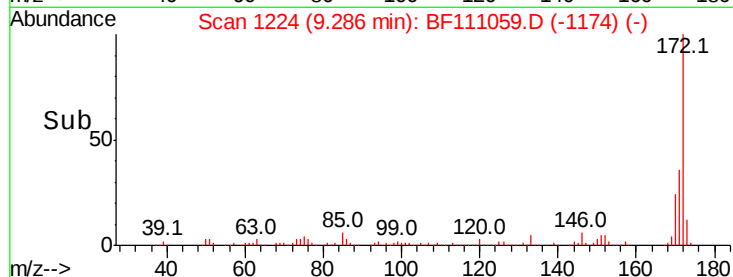
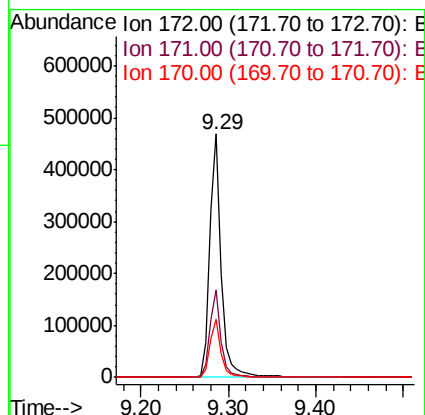
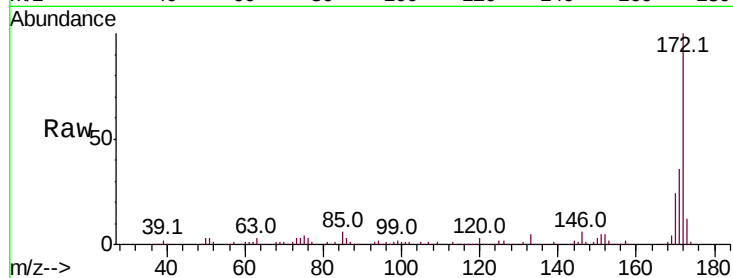
#45
2-Fluorobiphenyl
Concen: 71.058 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tot Ion	Ratio	Resp	Lower	Upper
172	100	425701		
171	36.2		28.6	43.0
170	23.6		19.7	29.5

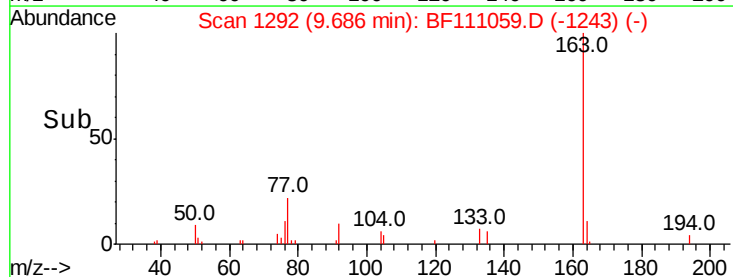
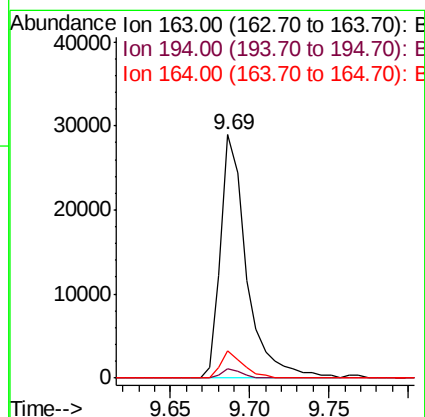
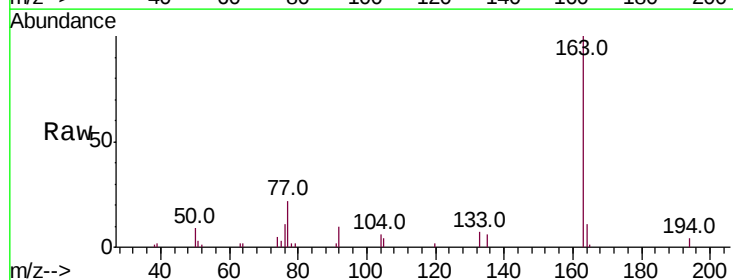
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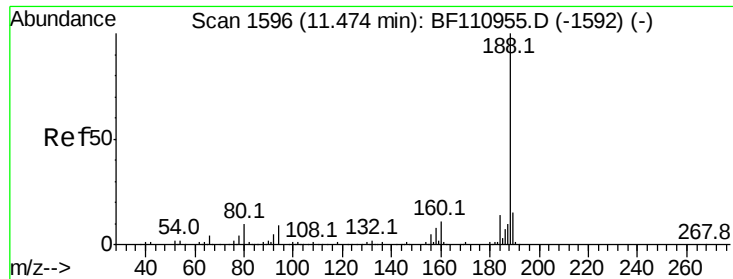
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#50
Dimethylphthalate
Concen: 5.206 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	33138		
194	3.9		3.2	4.8
164	11.1		8.1	12.1





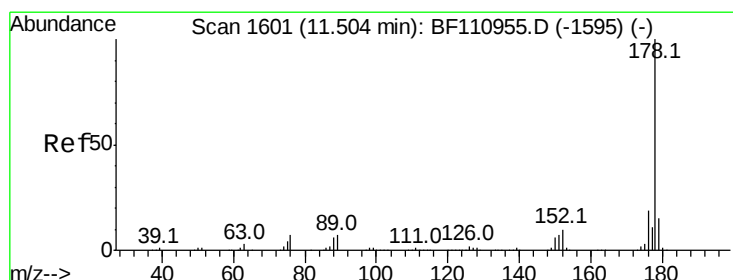
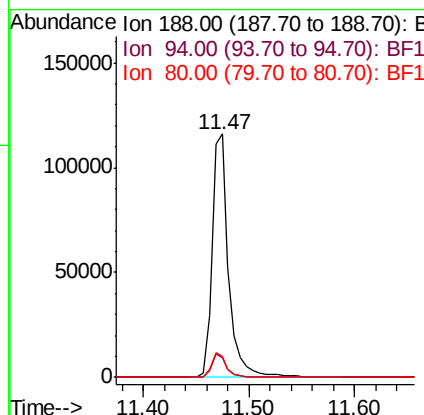
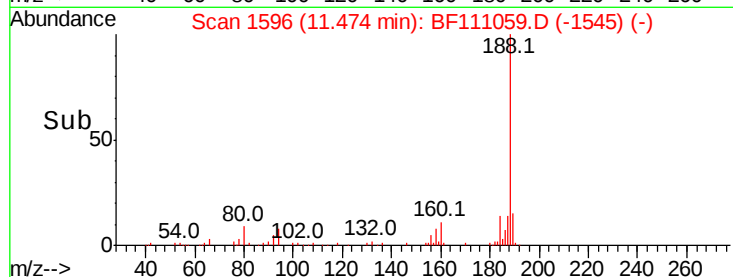
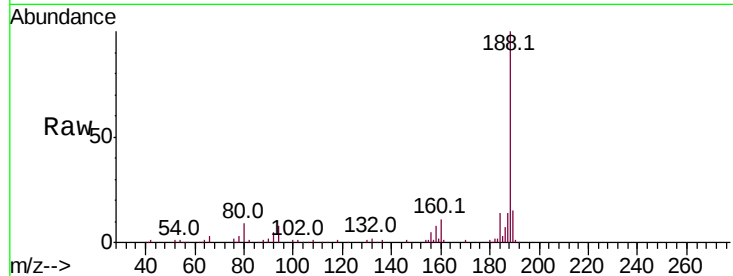
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	188	Resp:	126707
Ion Ratio	Lower	Upper	
188	100		
94	8.1	7.2	10.8
80	8.7	7.9	11.9

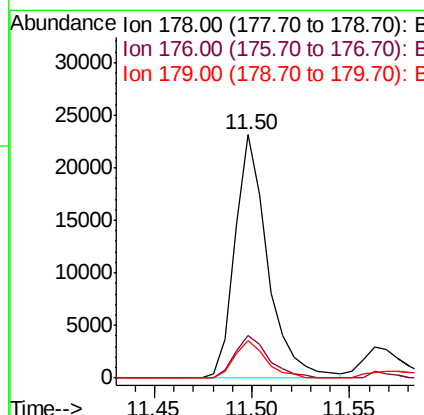
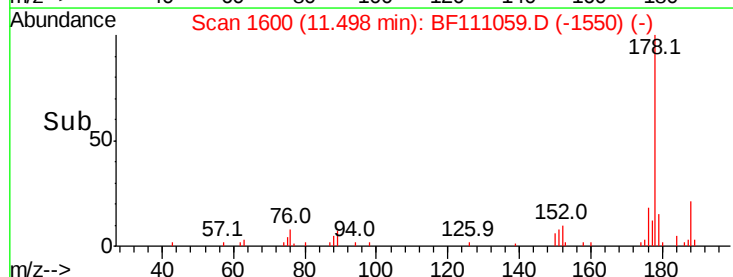
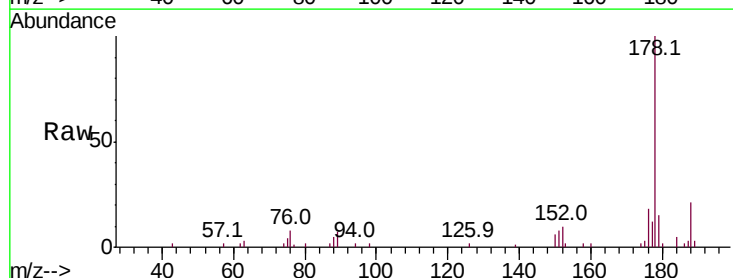
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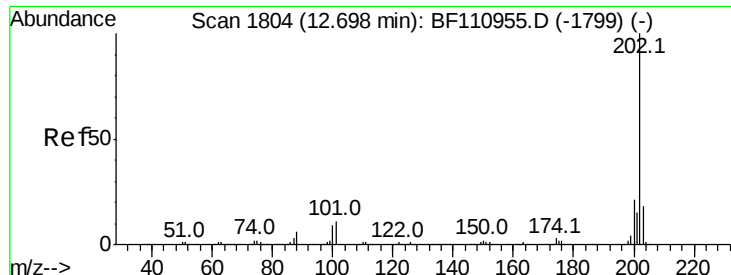
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#71
Phenanthrene
Concen: 4.002 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:	178	Resp:	26859
Ion Ratio	Lower	Upper	
178	100		
176	17.6	15.5	23.3
179	15.5	12.5	18.7





#75

Fluoranthene

Concen: 5.225 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF111059.D

Acq: 28 Nov 2018 21:34

Instrument :

BNA_F

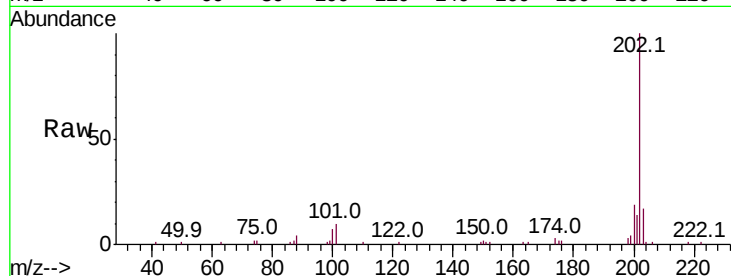
ClientSampled :

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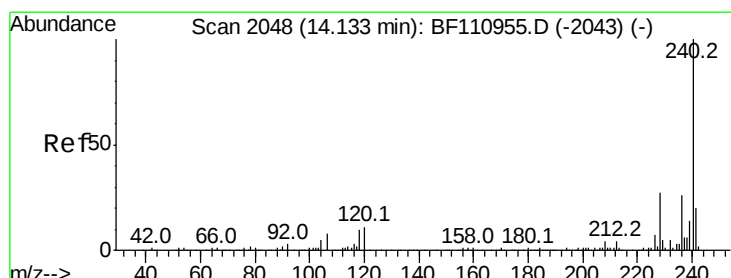
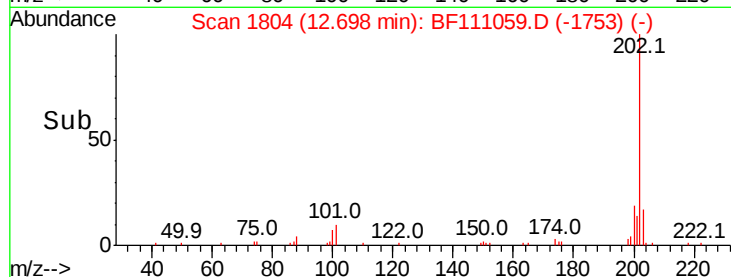
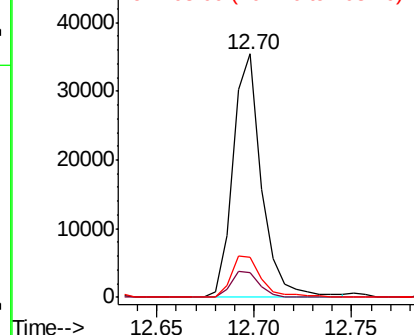
Tot Ion:	202	Resp:	36038
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	31.4
203	16.6	0.0	37.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

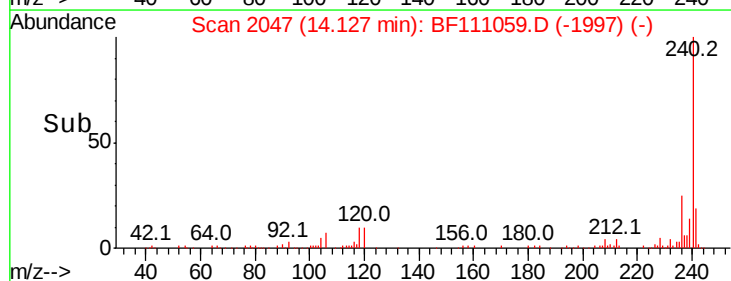
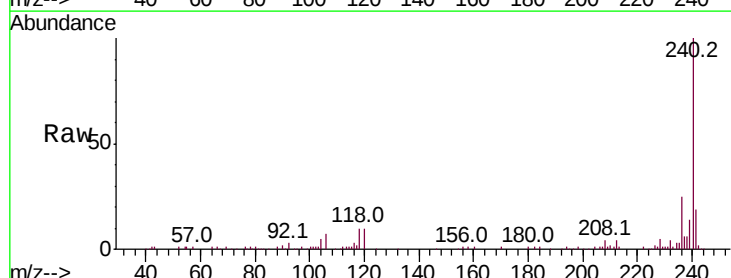
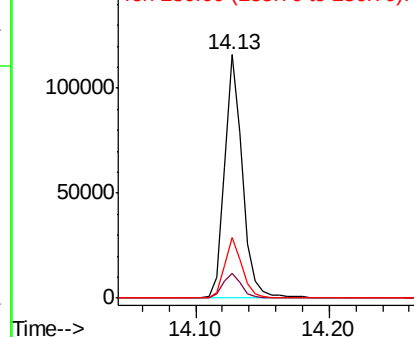
Delta R.T. -0.01 min

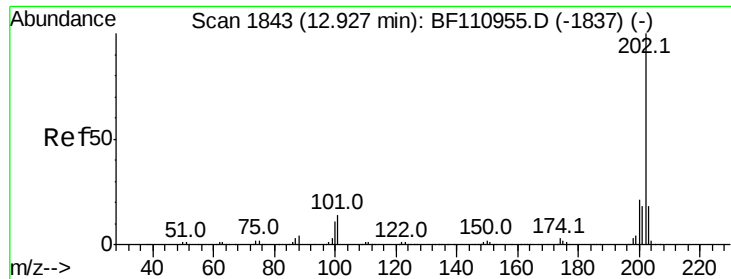
Lab File: BF111059.D

Acq: 28 Nov 2018 21:34

Tgt Ion:	240	Resp:	109889
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.3	12.5
236	24.6	21.2	31.8

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





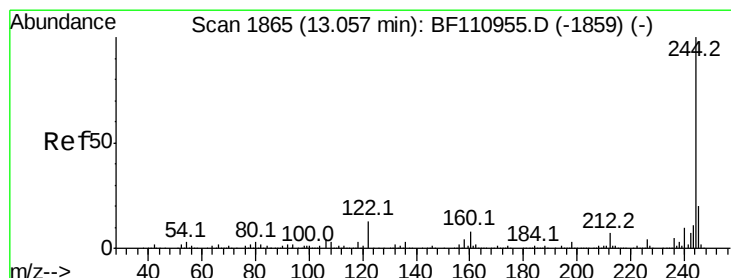
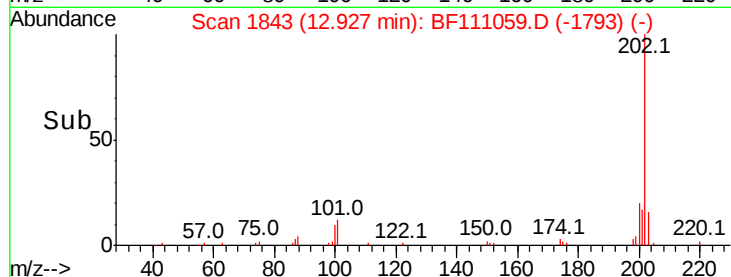
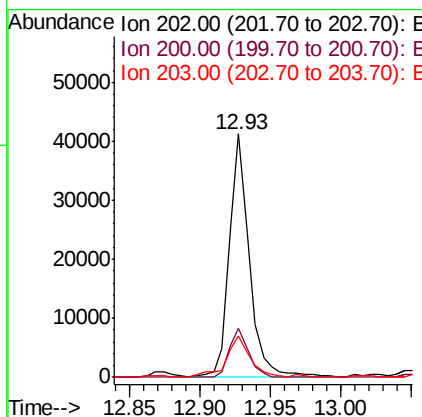
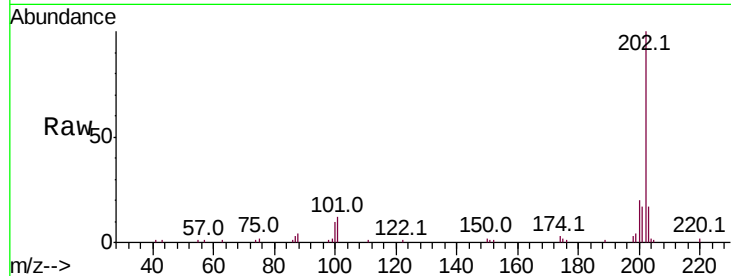
#78
Pvrene
Concen: 5.107 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampled :
J-4

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.6
203	16.9	14.2	21.4

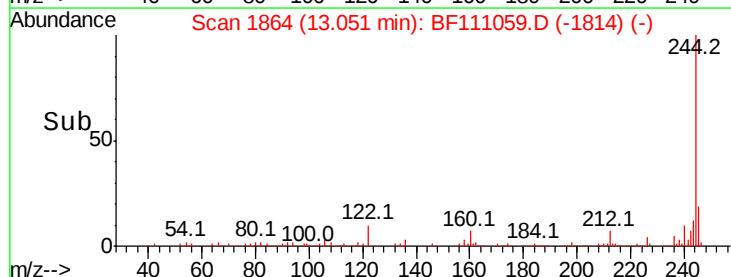
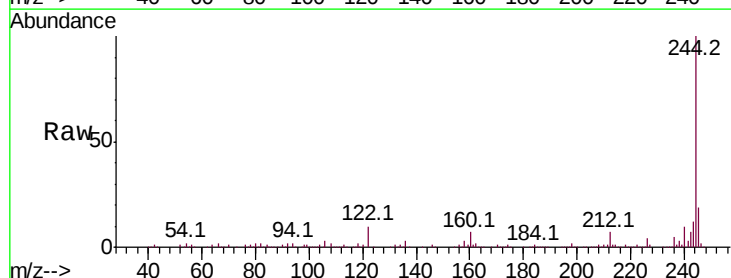
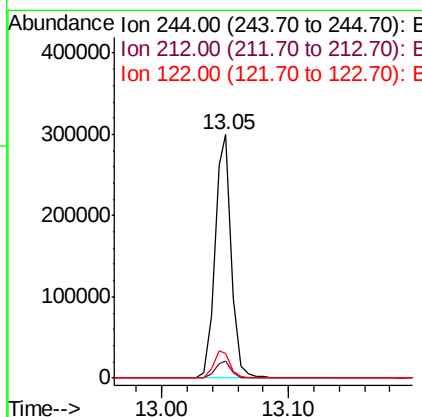
Manual Integrations
APPROVED

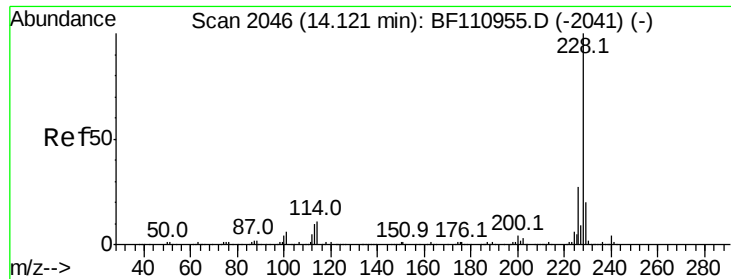
mohammad
11/29/2018 1:58:37 PM



#79
Terphenyl-d14
Concen: 48.356 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.1	8.7	13.1





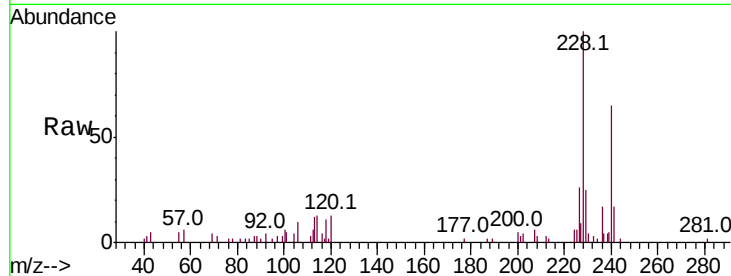
#81
Benzo(a)anthracene
Concen: 2.436 ng m
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.5	22.1	33.1
229	24.5	15.6	23.4

Manual Integrations
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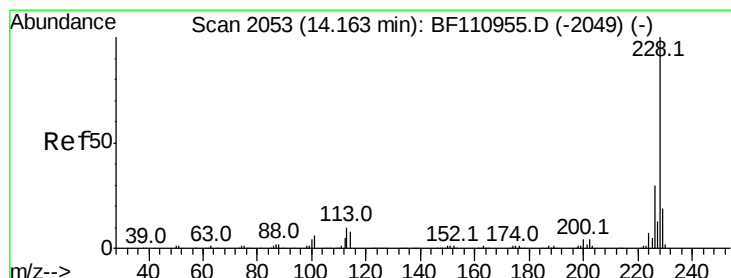
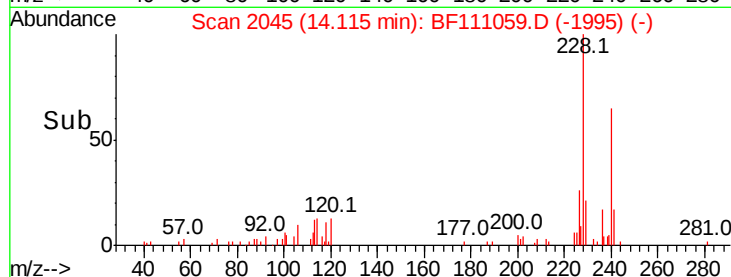
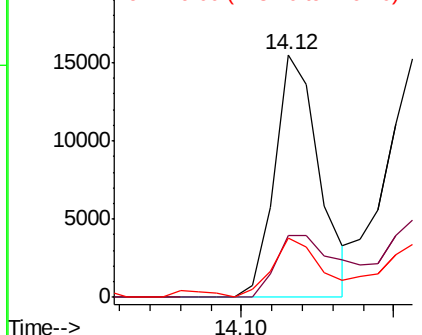


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 3.058 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

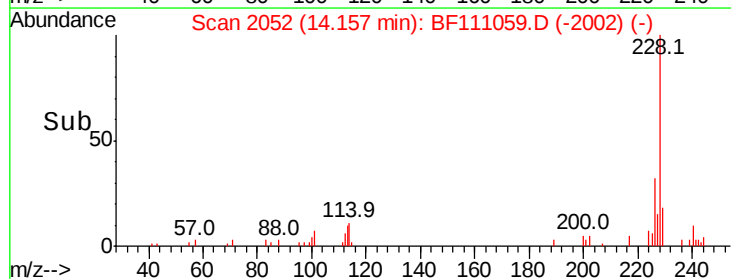
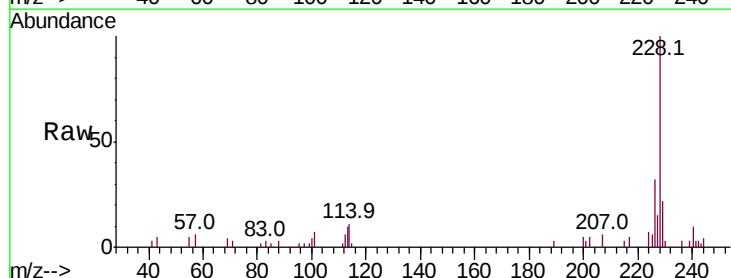
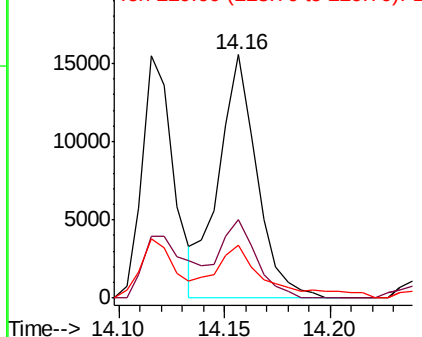
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.7	37.1
229	21.9	15.9	23.9

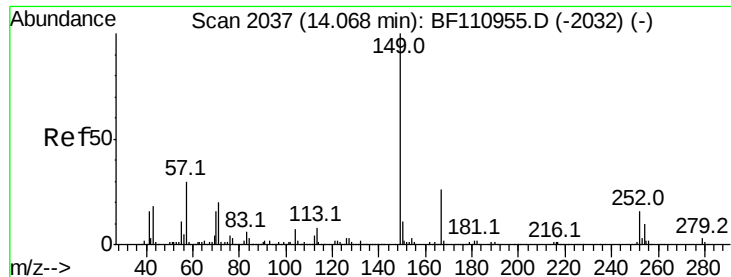
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.846 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF111059.D

Acq: 28 Nov 2018 21:34

Instrument :

BNA_F

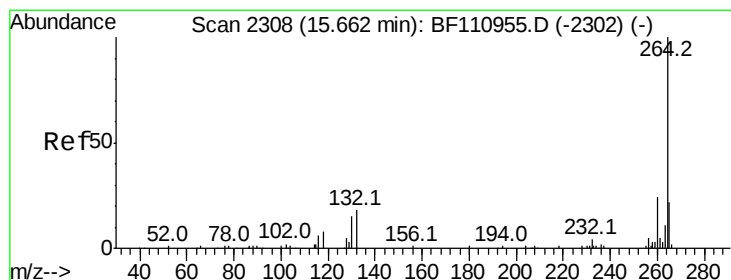
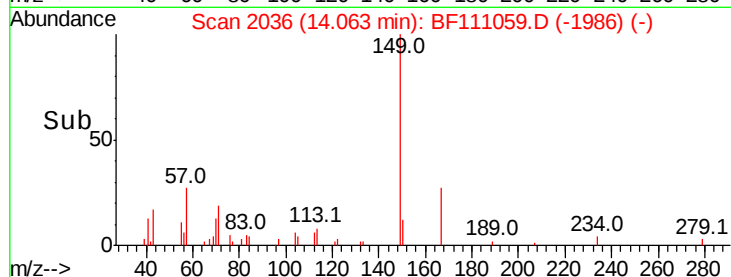
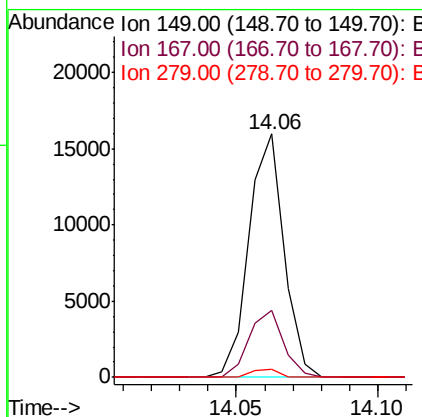
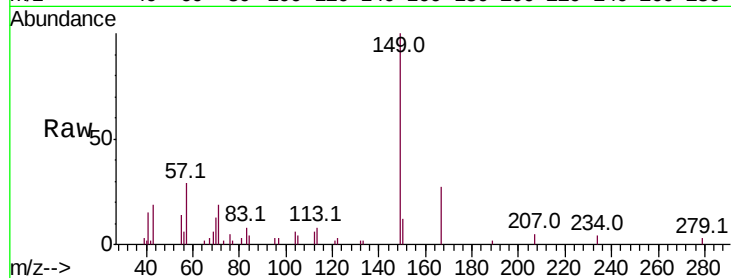
ClientSampleId :

J-4

Tot Ion:	149	Resp:	13742
Ion Ratio	Lower	Upper	
149	100		
167	27.3	19.8	29.8
279	3.4	2.7	4.1

Manual Integrations
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#87

Perylene-d12

Concen: 20.000 ng

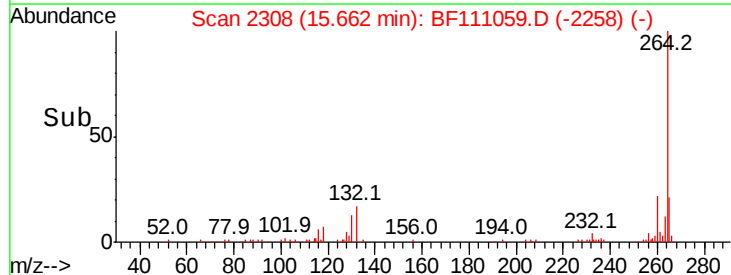
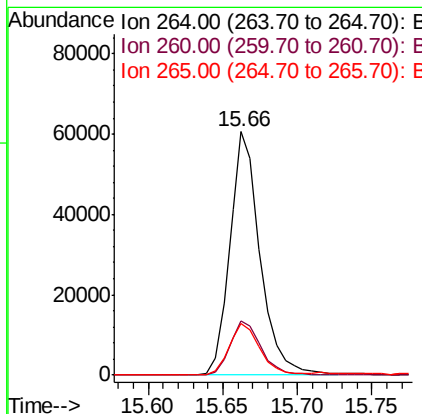
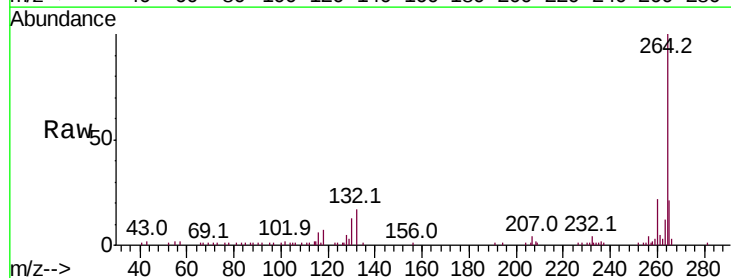
RT: 15.66 min Scan# 2308

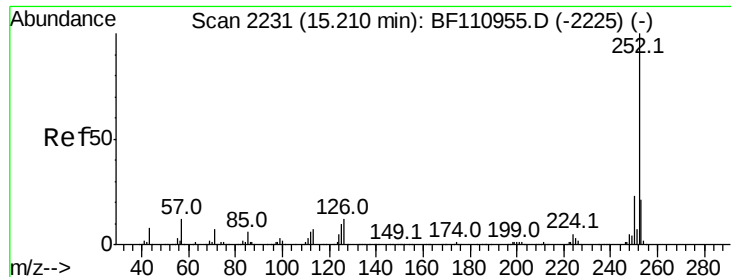
Delta R.T. -0.01 min

Lab File: BF111059.D

Acq: 28 Nov 2018 21:34

Tgt Ion:	264	Resp:	85628
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.7	28.1
265	21.0	16.7	25.1





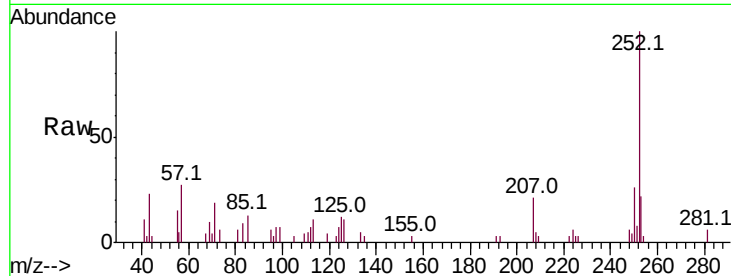
#88
Benzo(b)fluoranthene
Concen: 3.279 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampled :
J-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	12.2	8.2	12.4

Manual Integrations
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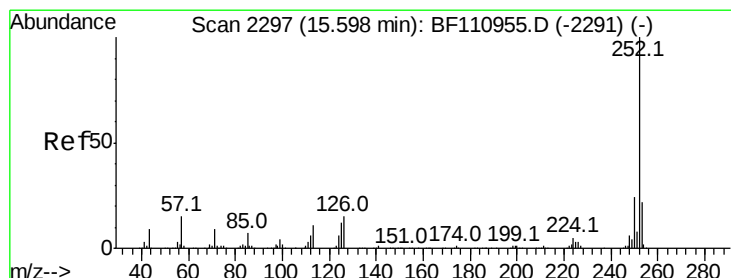
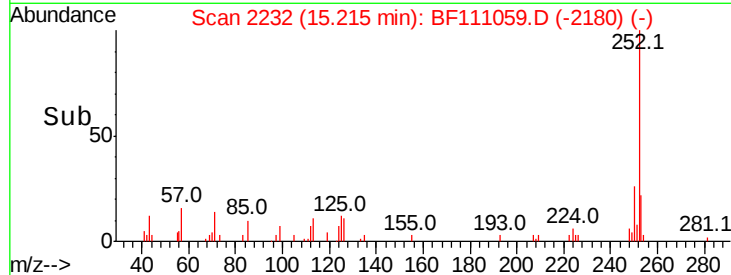
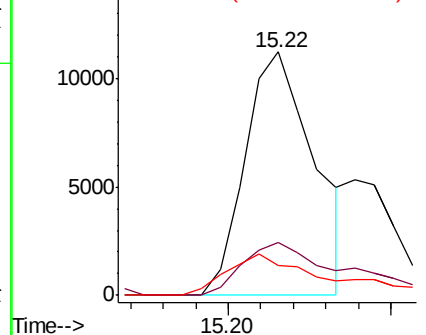


Abundance

Ion 252.00 (251.70 to 252.70): E

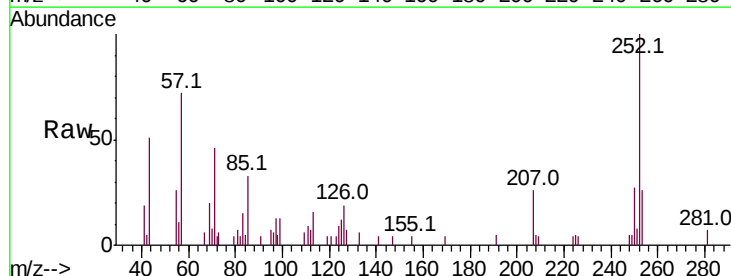
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.402 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.4
125	12.5	9.0	13.6



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

