

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108741.D
 Acq On : 4 Sep 2018 15:26
 Operator : JU/SJ
 Sample : J4712-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:47:26 PM

Quant Time: Sep 04 16:56:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	70546	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	272526	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	127178	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	273642	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	231093	20.00	ng	-0.01
86) Perylene-d12	15.74	264	156255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	286325	70.51	ng	-0.02
7) Phenol-d6	6.62	99	493934	84.92	ng	-0.02
23) Nitrobenzene-d5	7.56	82	339526	63.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.83	330	137703	82.02	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	636183	67.26	ng	-0.02
78) Terphenyl-d14	13.11	244	759601	63.86	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.74	163	93775	9.364	ng	Qvalue 100
74) Fluoranthene	12.75	202	208020	13.380	ng	94
77) Pyrene	12.98	202	218760	12.593	ng	99
80) Benzo(a)anthracene	14.18	228	135216	9.598	ng	98
82) Chrysene	14.21	228	119270	8.803	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	78983	8.384	ng	# 81
87) Benzo(b)fluoranthene	15.28	252	155840m	16.236	ng	
88) Benzo(k)fluoranthene	15.29	252	84769m	8.915	ng	
89) Benzo(a)pyrene	15.68	252	115674	13.335	ng	96
90) Dibenzo(a,h)anthracene	17.37	278	14988	2.163	ng	# 83
91) Benzo(g,h,i)perylene	17.86	276	83312	12.373	ng	# 87

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

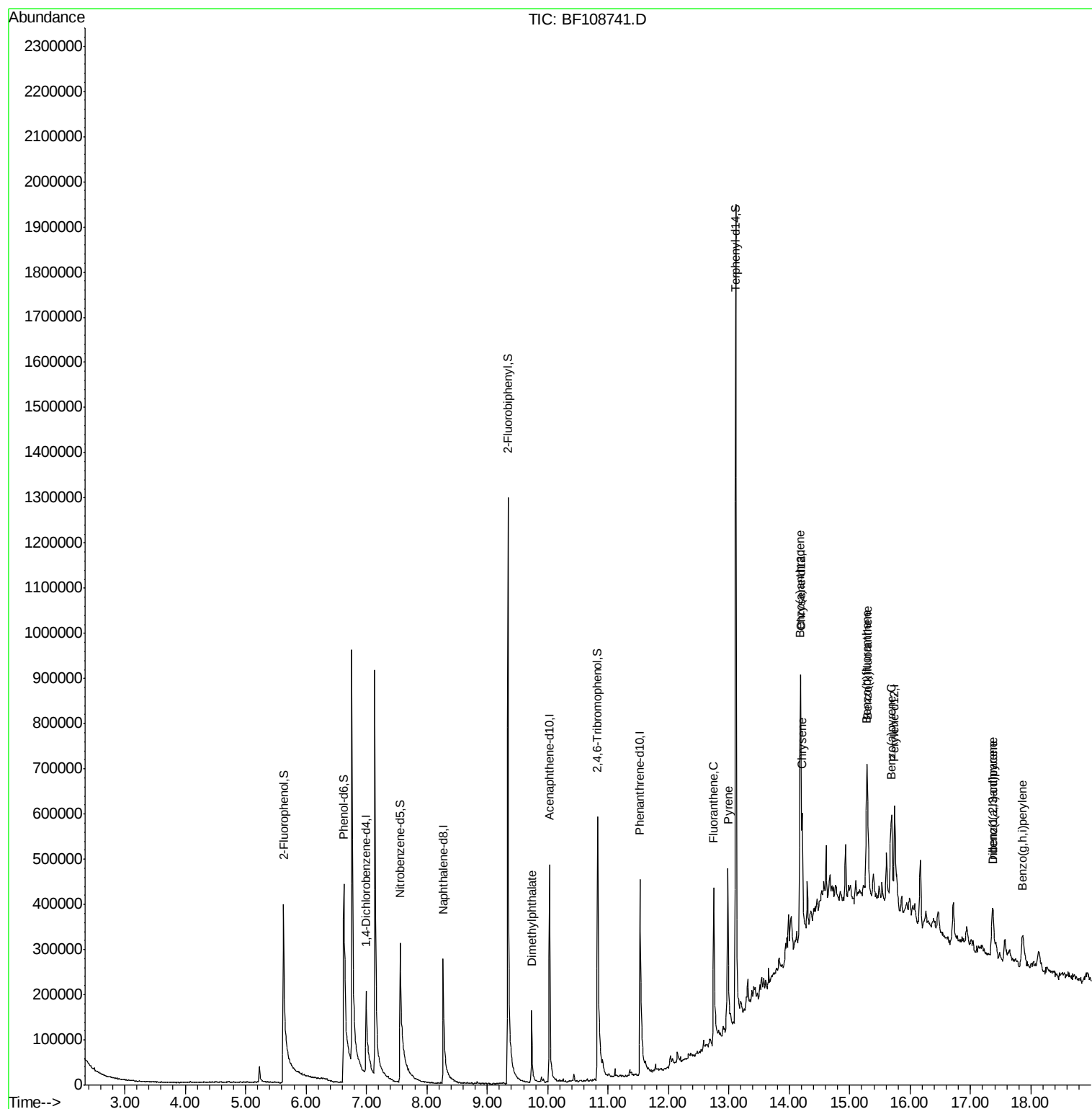
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108741.D
Acq On : 4 Sep 2018 15:26
Operator : JU/SJ
Sample : J4712-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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SB-05

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

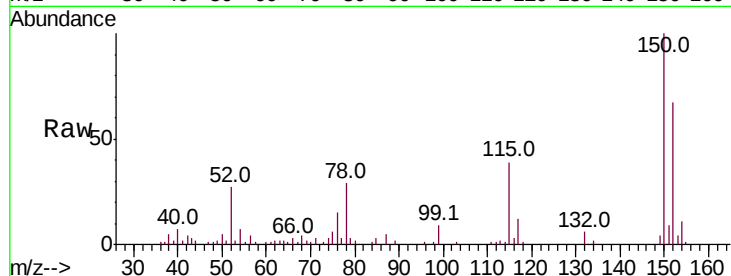
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Instrument :
BNA_F
ClientSampleId :
SB-05

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	124.6	186.8
115	59.0	50.1	75.1

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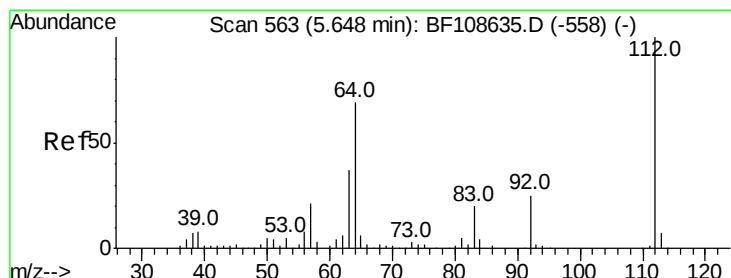
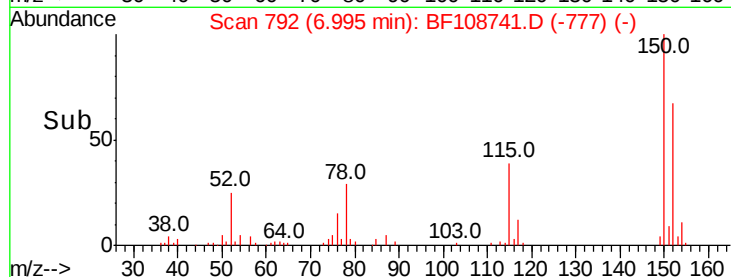
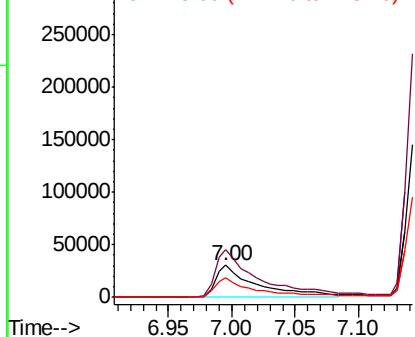


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

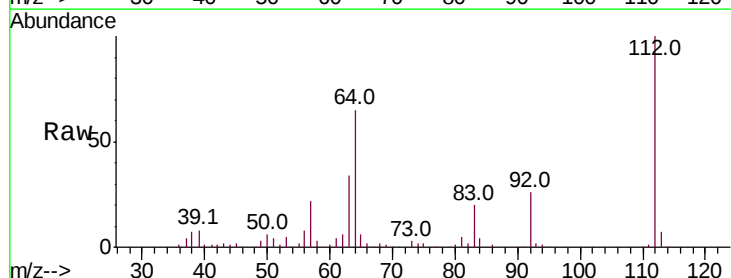
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 70.508 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	34.4	23.7	35.5

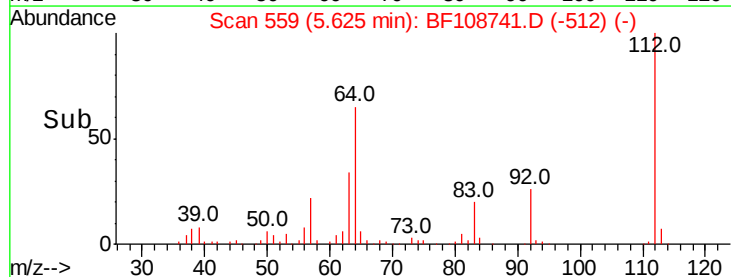
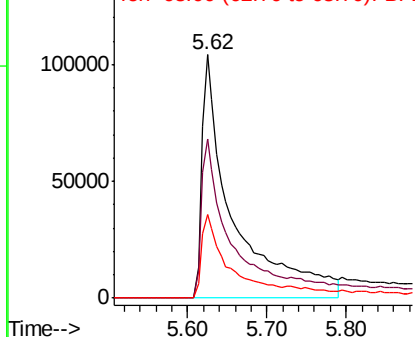


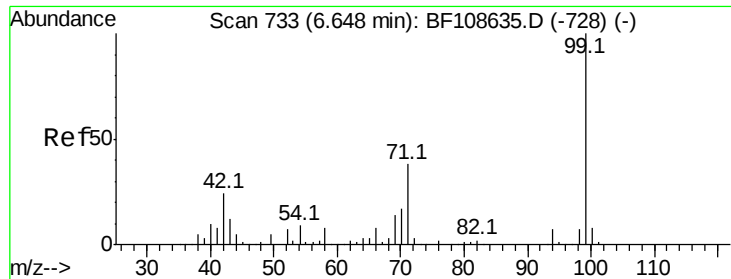
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 84.923 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108741.D

Acq: 4 Sep 2018 15:26

Instrument :

BNA_F

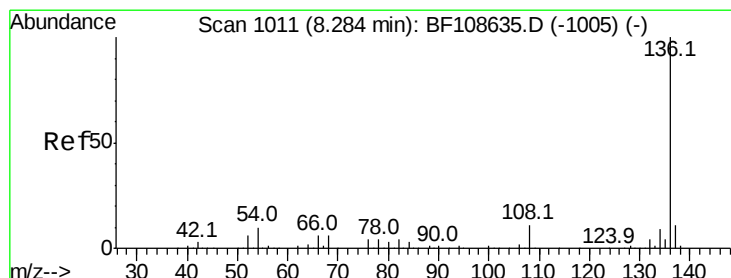
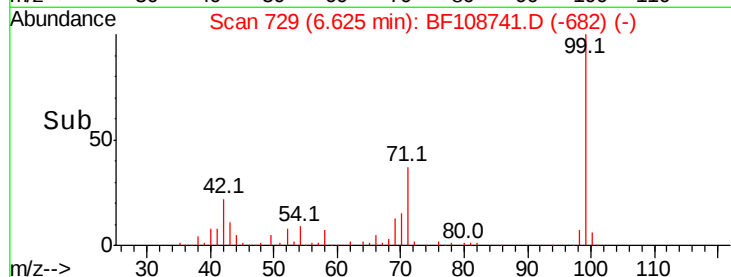
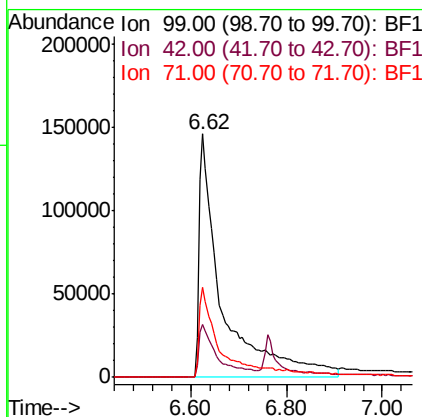
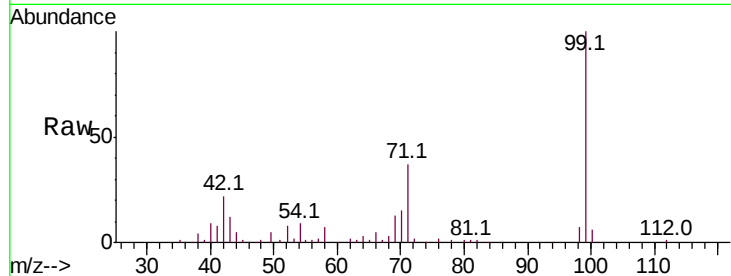
ClientSampled :

SB-05

Tot Ion:	99	Resp:	493934
Ion Ratio	Lower	Upper	
99	100		
42	21.8	14.5	21.7#
71	36.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

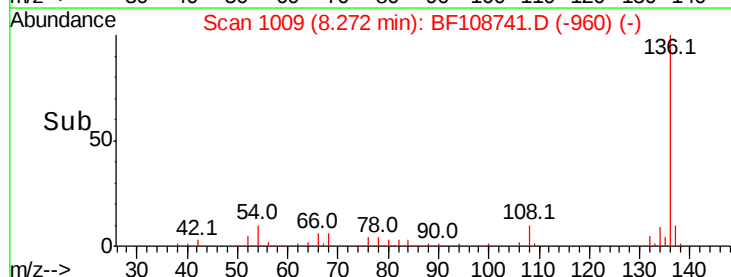
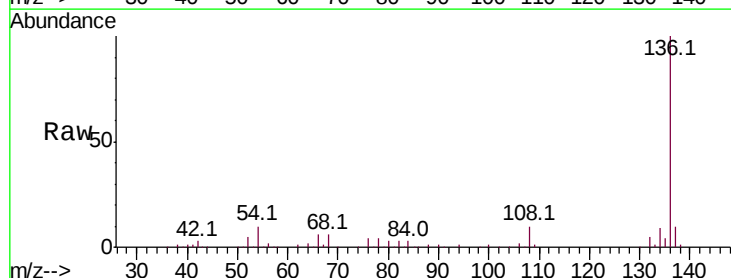
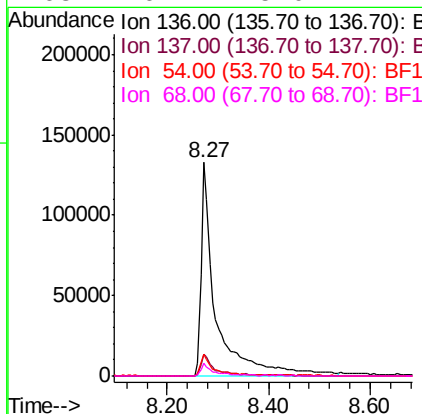
RT: 8.27 min Scan# 1009

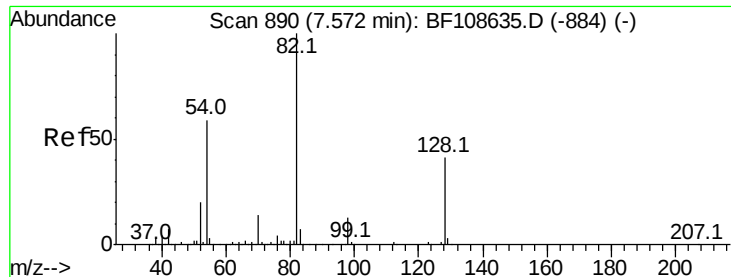
Delta R.T. -0.01 min

Lab File: BF108741.D

Acq: 4 Sep 2018 15:26

Tgt Ion:	136	Resp:	272526
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.9	13.3
54	10.3	6.6	9.8#
68	6.1	5.0	7.4





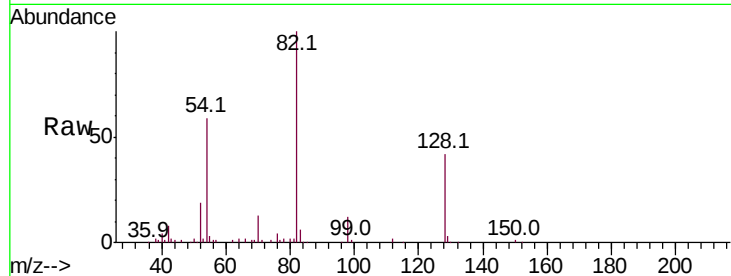
#23
Nitrobenzene-d5
Concen: 63.238 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Instrument :
BNA_F
ClientSampled :
SB-05

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	58.7	41.4	62.2

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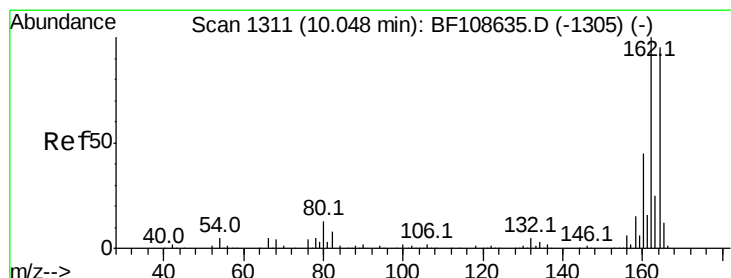
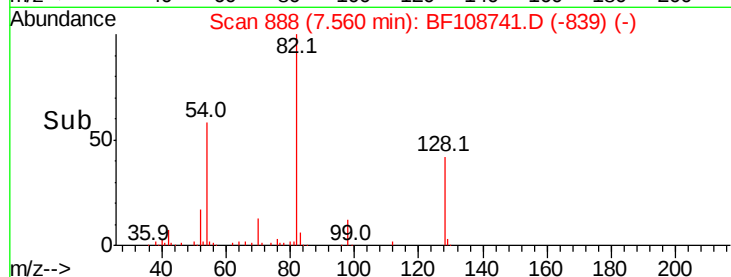
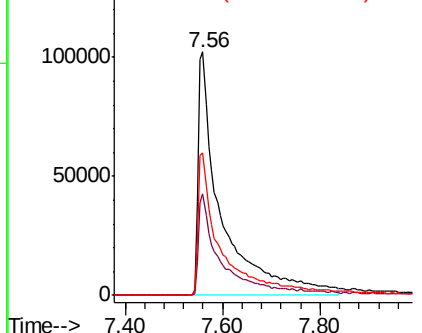


Abundance

Ion 82.00 (81.70 to 82.70): BF1

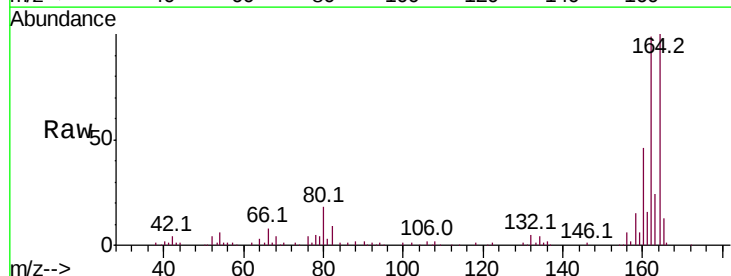
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	86.1	129.1
160	46.0	38.3	57.5

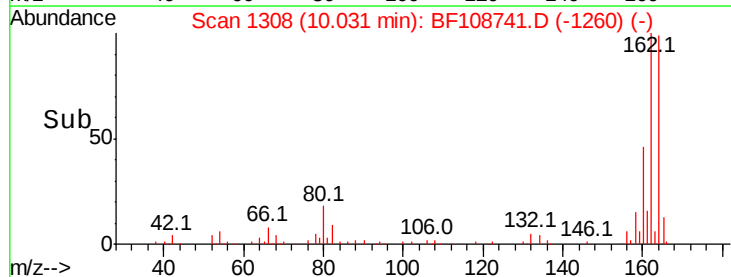
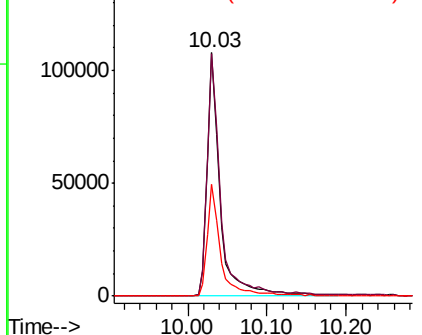


Abundance

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





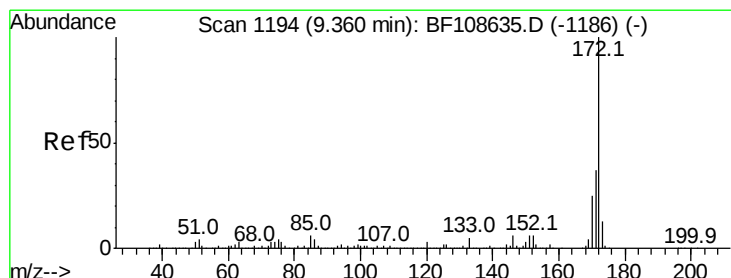
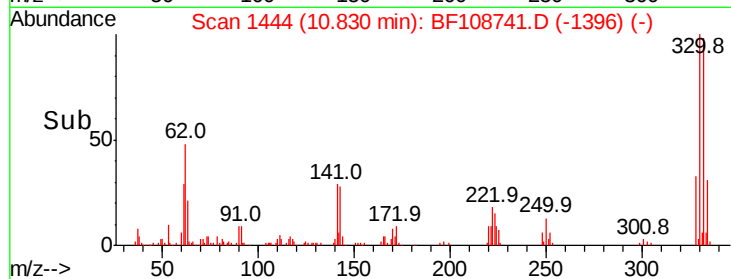
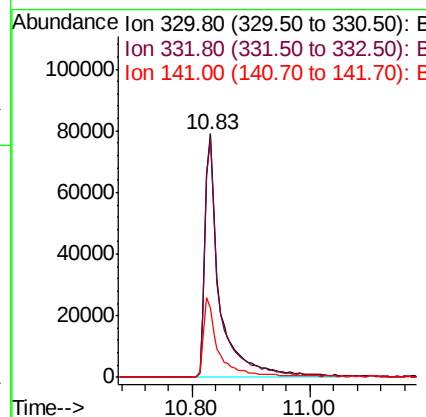
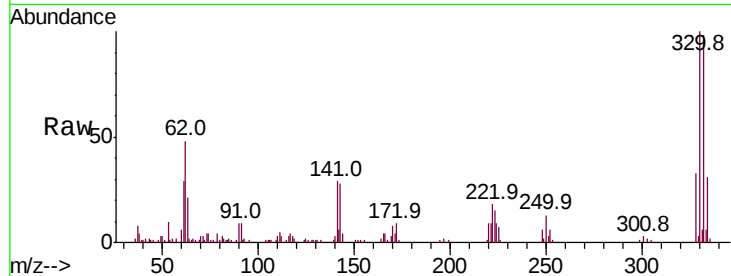
#41
 2,4,6-Tribromophenol
 Concen: 82.020 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108741.D
 Acq: 4 Sep 2018 15:26

Instrument :
 BNA_F
 ClientSampled :
 SB-05

Tot Ion	Ratio	Resp	Lower	Upper
330	100	137703		
332	96.0	77.0	115.6	
141	32.8	29.9	44.9	

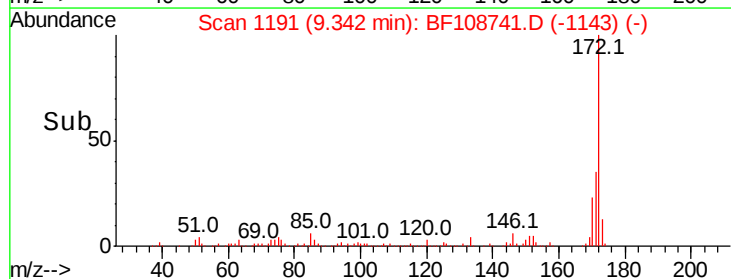
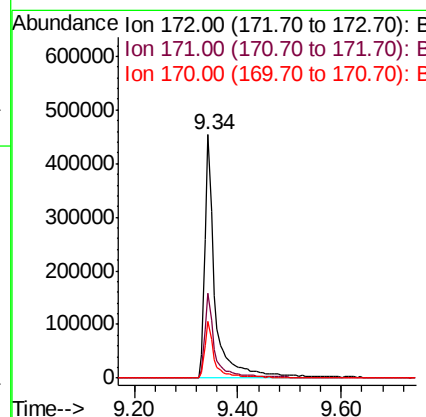
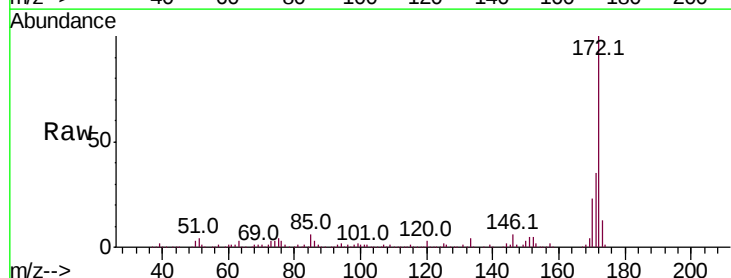
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#44
 2-Fluorobiphenyl
 Concen: 67.260 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108741.D
 Acq: 4 Sep 2018 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	636183		
171	34.9	29.7	44.5	
170	23.3	19.6	29.4	





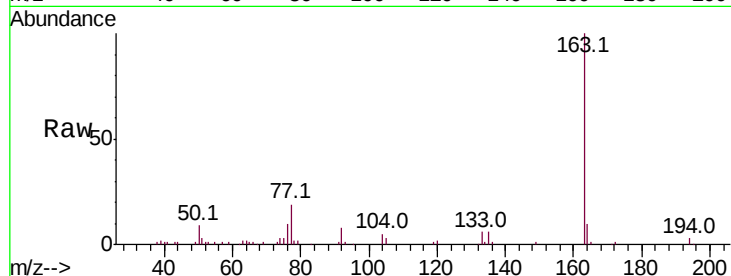
#49
Dimethylphthalate
Concen: 9.364 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Instrument :
BNA_F
ClientSampled :
SB-05

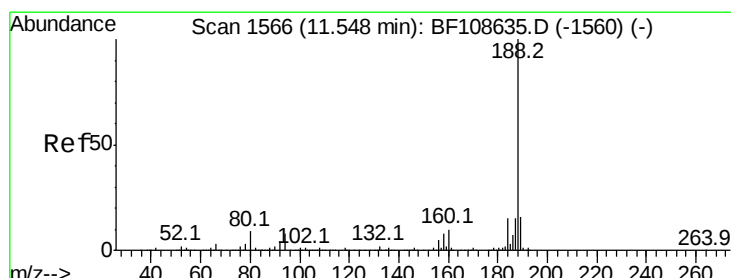
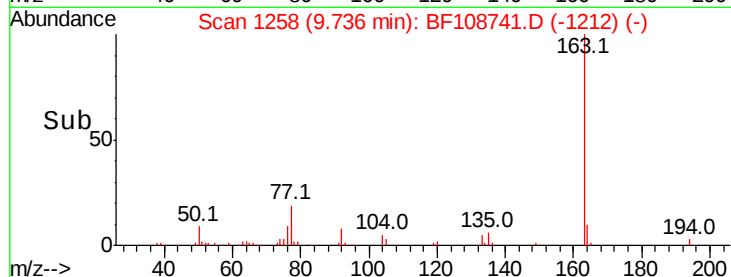
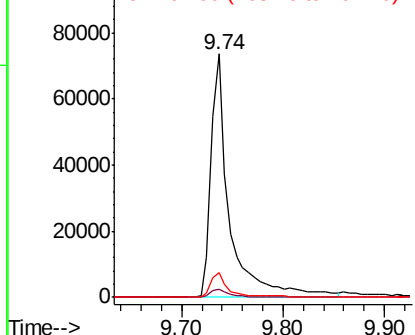
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2

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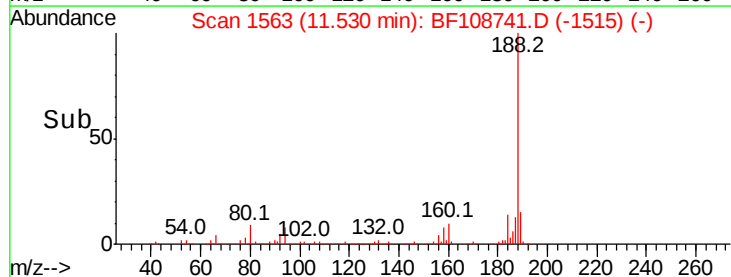
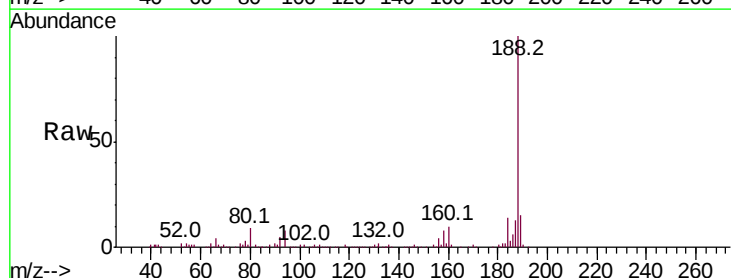
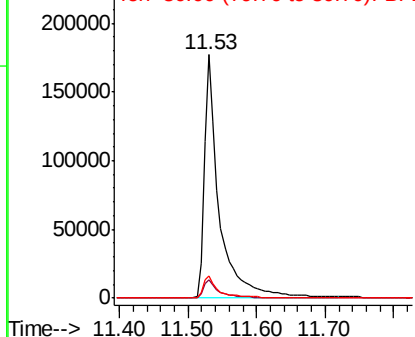
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

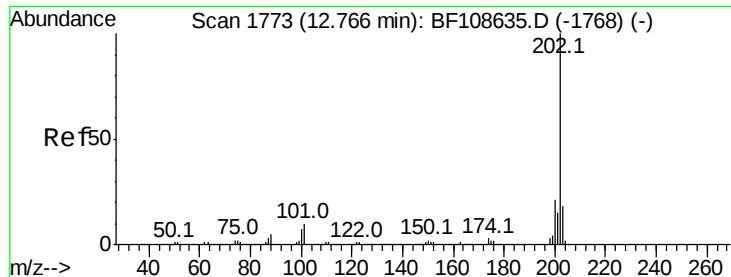


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.9	9.2	13.8#

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 13.380 ng

RT: 12.75 min Scan# 1770

Delta R.T. -0.02 min

Lab File: BF108741.D

Acq: 4 Sep 2018 15:26

Instrument :

BNA_F

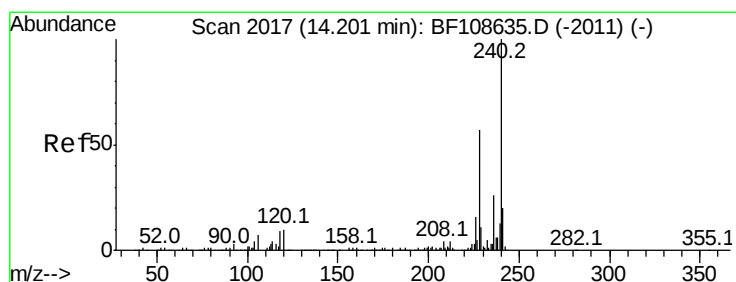
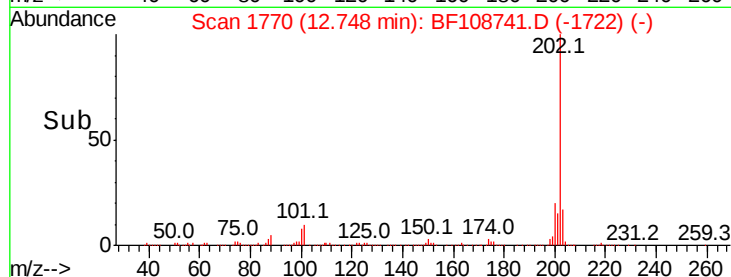
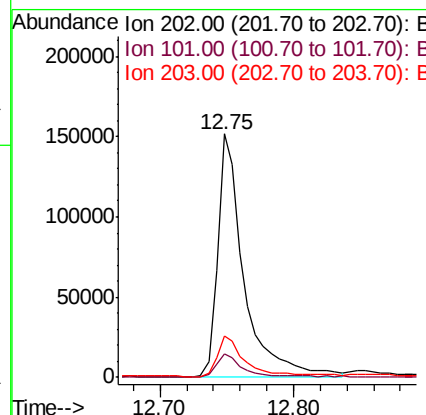
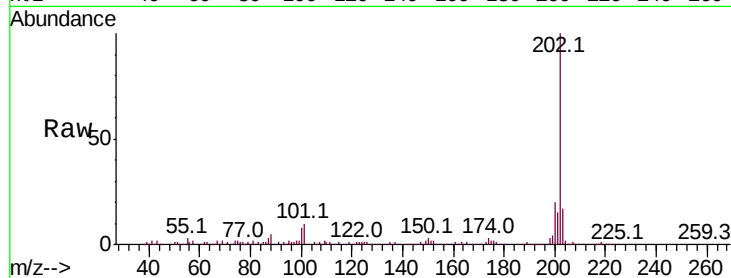
ClientSampleId :

SB-05

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

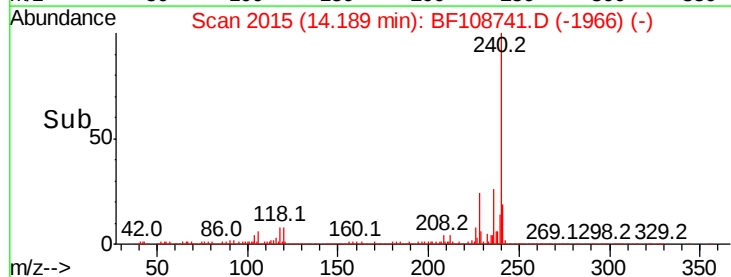
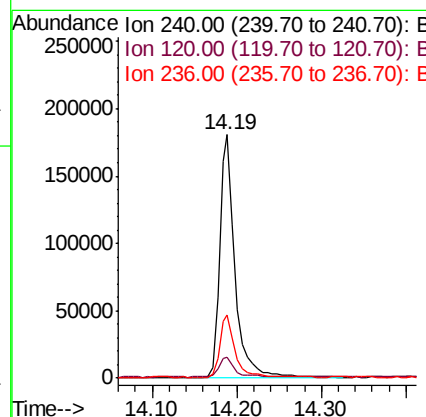
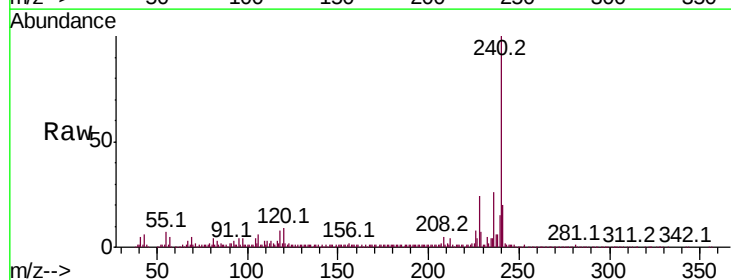
RT: 14.19 min Scan# 2015

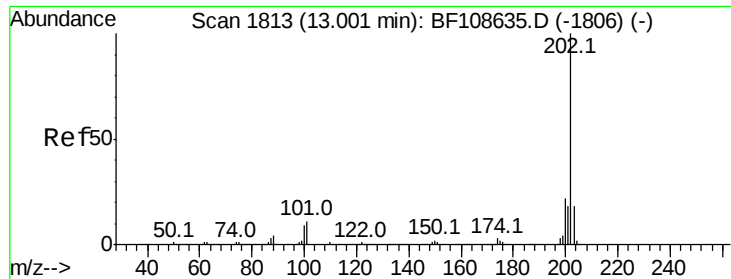
Delta R.T. -0.01 min

Lab File: BF108741.D

Acq: 4 Sep 2018 15:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	26.0	20.7	31.1





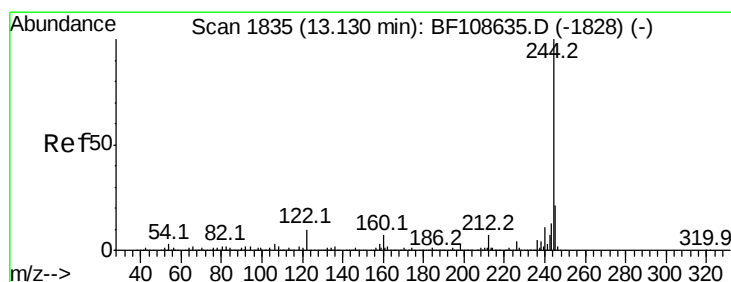
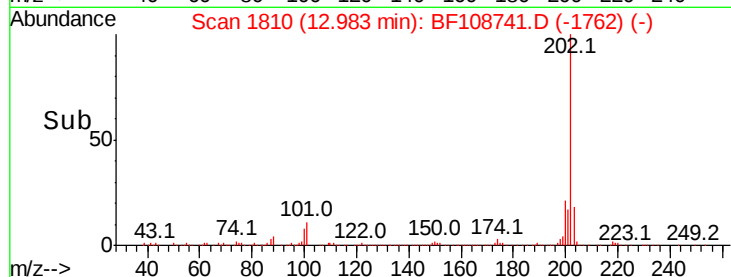
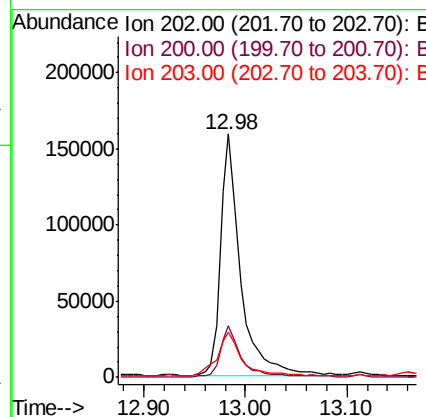
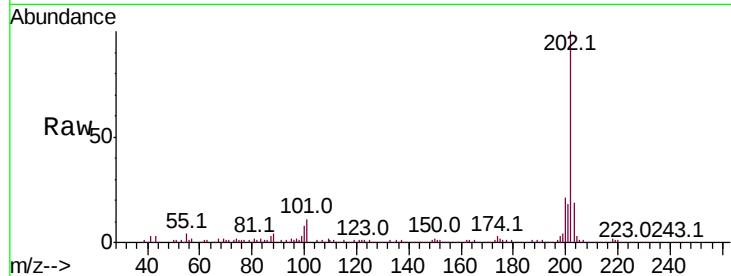
#77
Pvrene
Concen: 12.593 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Instrument :
BNA_F
ClientSampleId :
SB-05

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.8	14.3	21.5

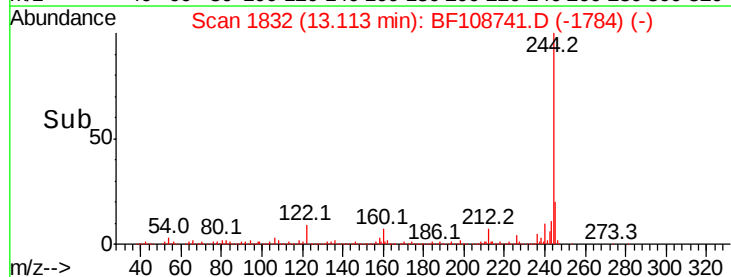
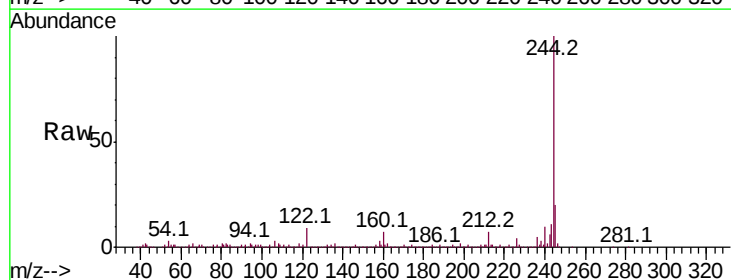
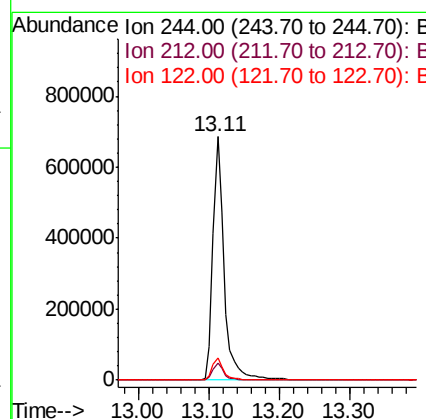
Manual Integrations
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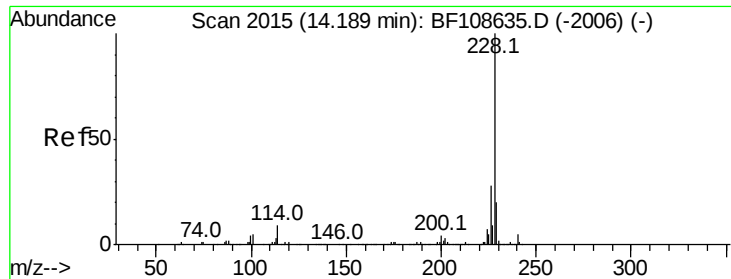
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#78
Terphenyl-d14
Concen: 63.865 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.2	11.0	16.4#





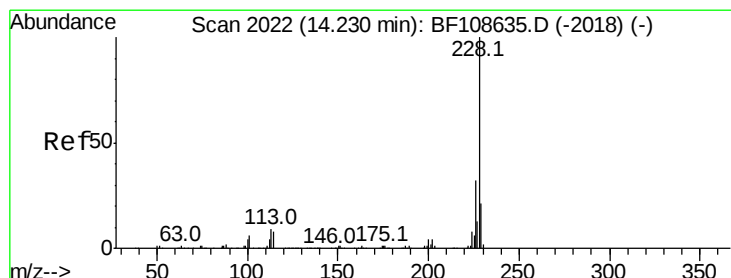
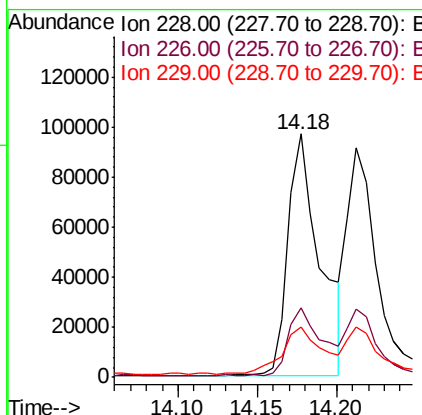
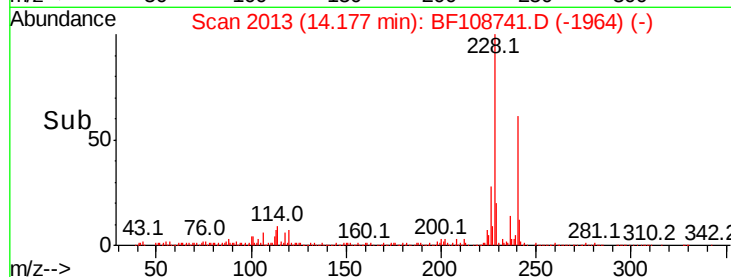
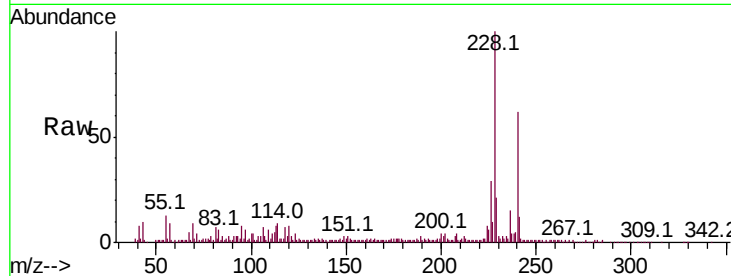
#80
Benzo(a)anthracene
Concen: 9.598 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Instrument :
BNA_F
ClientSampleId :
SB-05

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.8	15.8	23.6

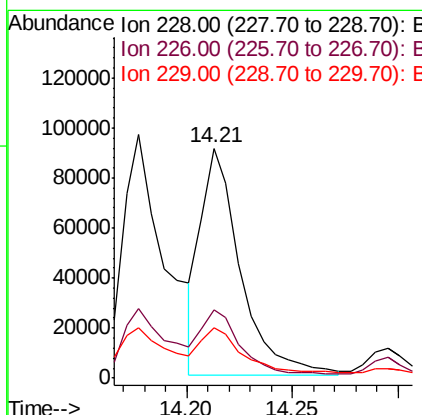
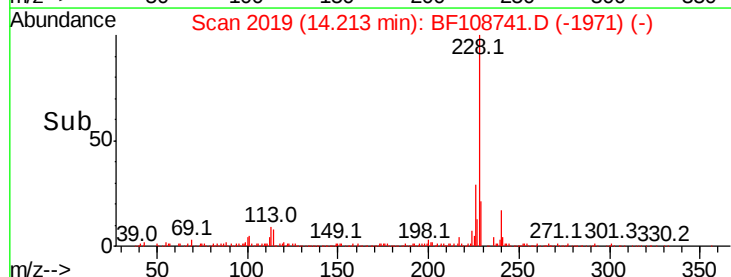
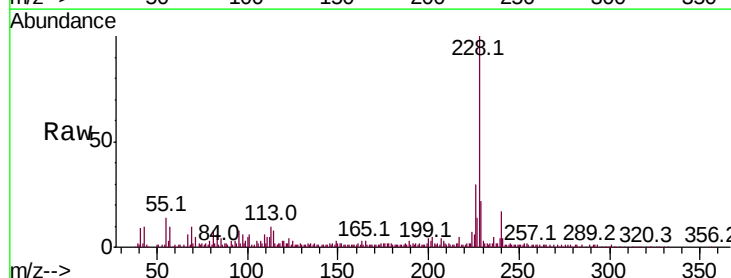
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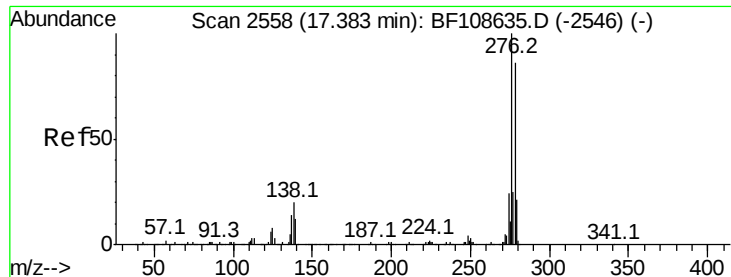
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#82
Chrysene
Concen: 8.803 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.0	16.2	24.4





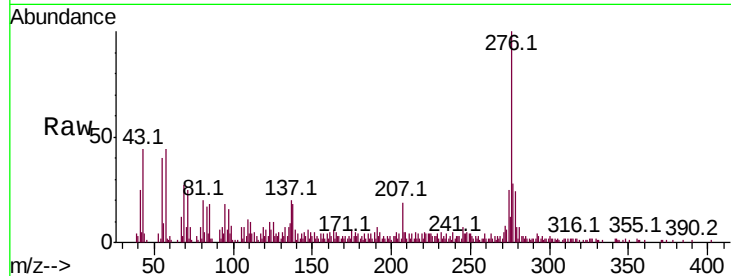
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.384 ng
 RT: 17.37 min Scan# 2555
 Delta R.T. -0.02 min
 Lab File: BF108741.D
 Acq: 4 Sep 2018 15:26

Instrument :
 BNA_F
 ClientSampled :
 SB-05

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	25.0	37.6#
277	21.1	20.1	30.1

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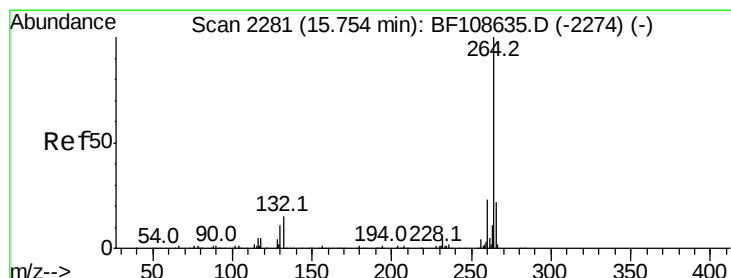
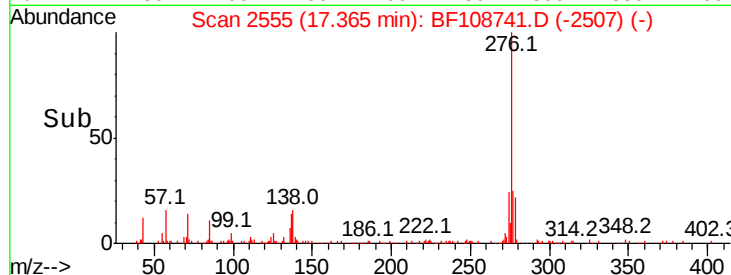
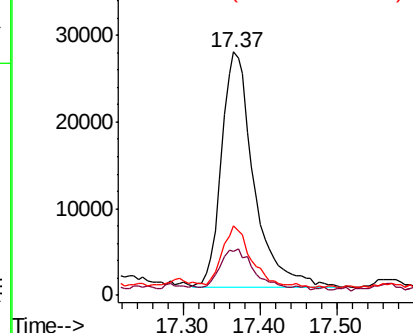


Abundance

Ion 276.00 (275.70 to 276.70): E

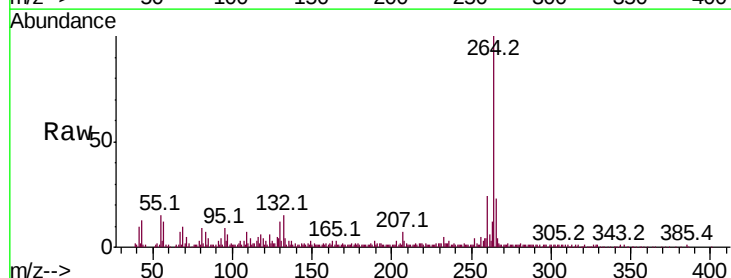
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF108741.D
 Acq: 4 Sep 2018 15:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.6	17.5	26.3

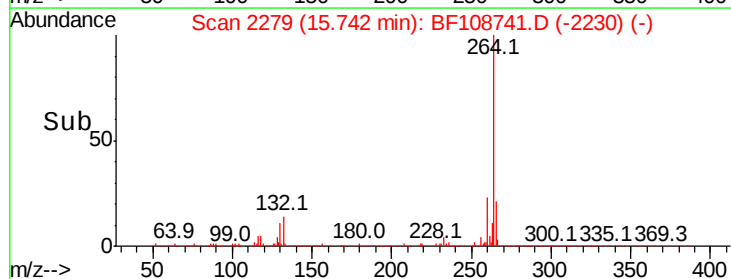
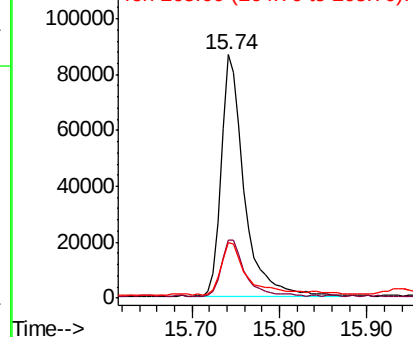


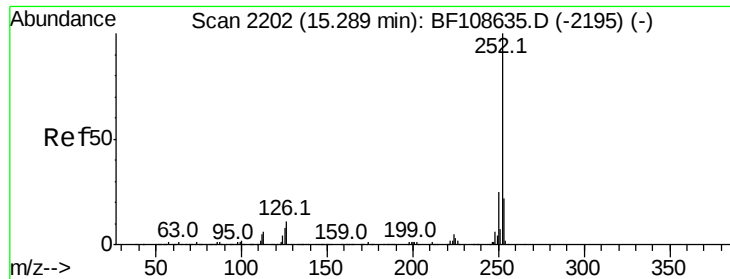
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 16.236 ng m

RT: 15.28 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF108741.D

Acq: 4 Sep 2018 15:26

Instrument :

BNA_F

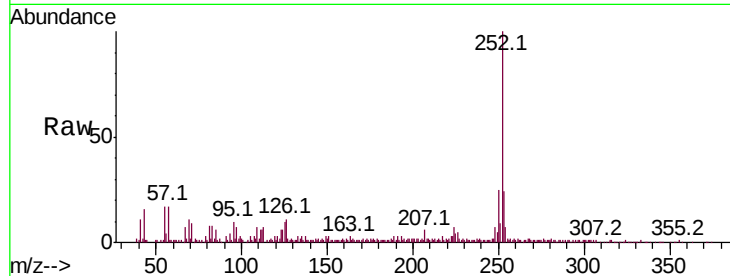
ClientSampleId :

SB-05

Tot Ion:	252	Resp:	155840
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.6
125	10.2	9.0	13.6

Manual Integrations
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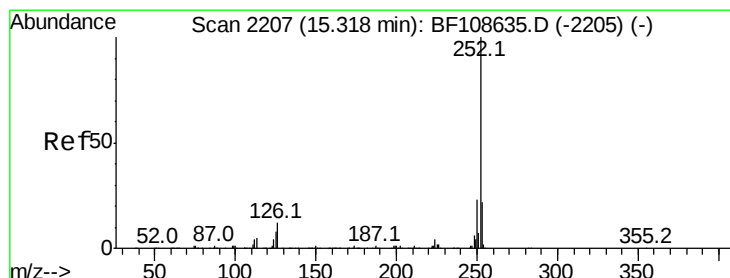
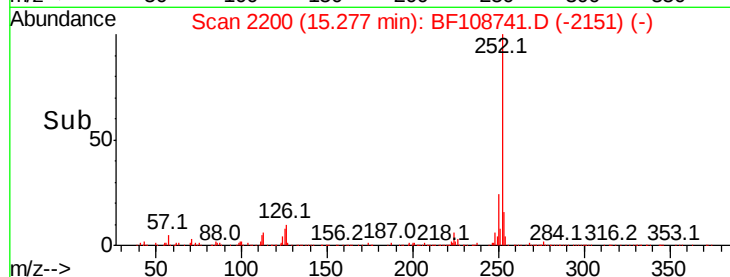
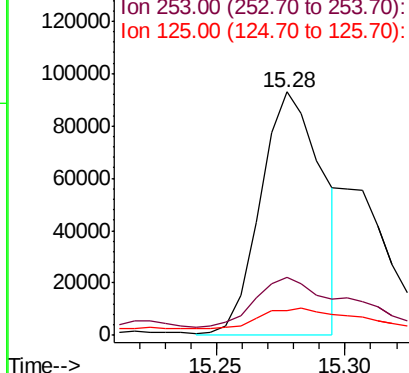


Abundance

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



#88

Benzo(k)fluoranthene

Concen: 8.915 ng m

RT: 15.29 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BF108741.D

Acq: 4 Sep 2018 15:26

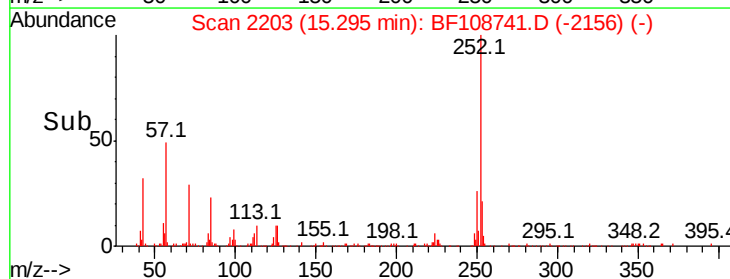
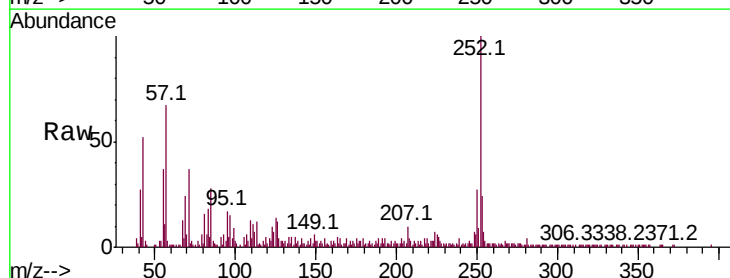
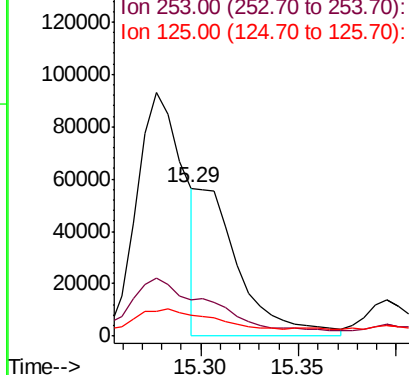
Tgt Ion:	252	Resp:	84769
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.9	26.9
125	14.1	10.2	15.2

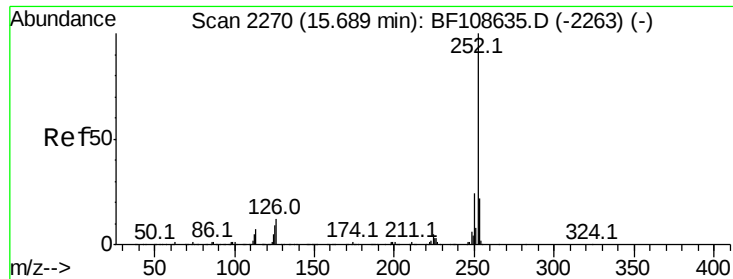
Abundance

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





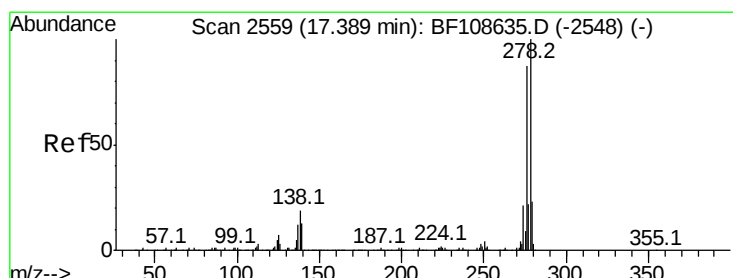
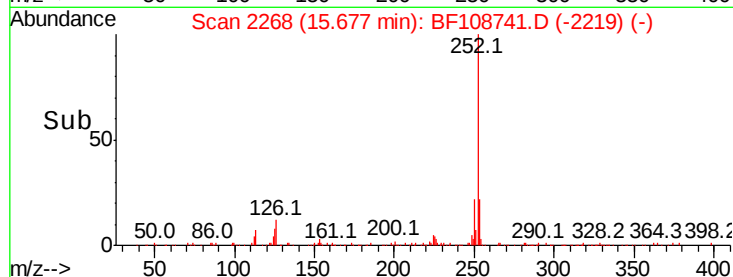
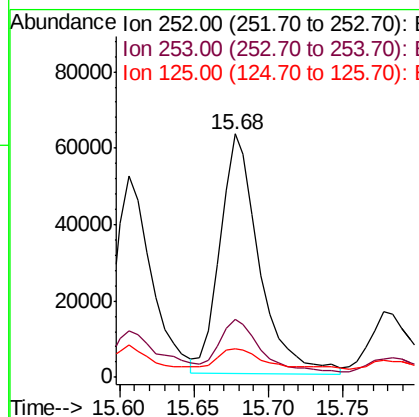
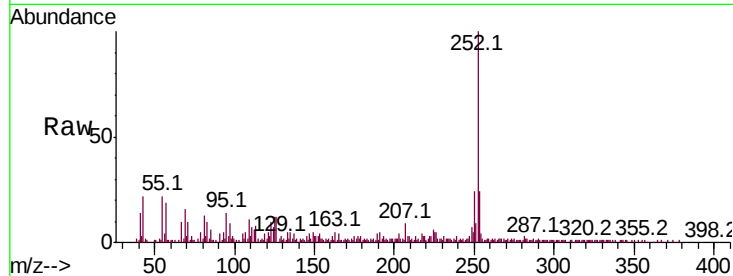
#89
Benzo(a)pyrene
Concen: 13.335 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Instrument :
BNA_F
ClientSampleId :
SB-05

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.9	9.8	14.6

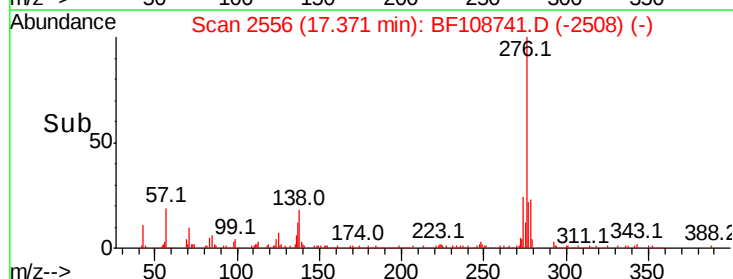
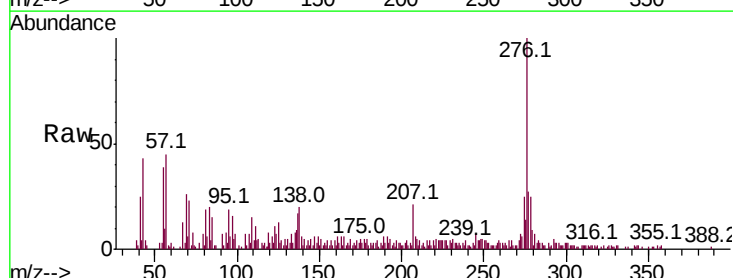
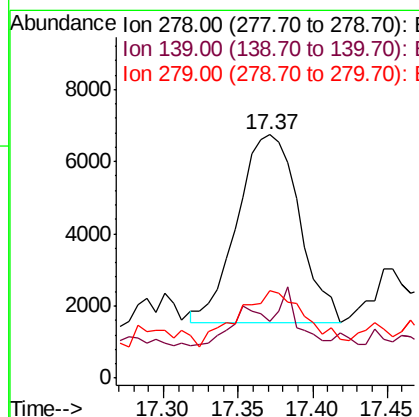
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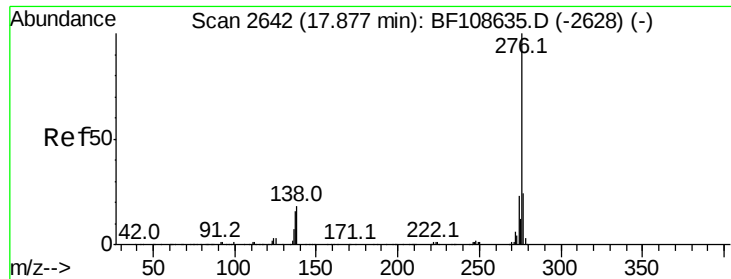
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#90
Dibenzo(a,h)anthracene
Concen: 2.163 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BF108741.D
Acq: 4 Sep 2018 15:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.5	15.9	23.9
279	35.9	19.0	28.4





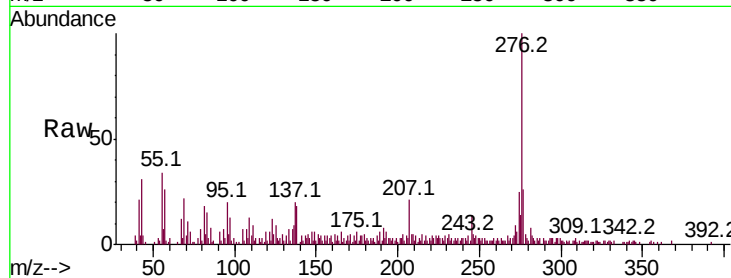
#91
 Benzo(a,h,i)perylene
 Concen: 12.373 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.02 min
 Lab File: BF108741.D
 Acq: 4 Sep 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-05

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	18.3	21.8	32.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

