

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108966.D
 Acq On : 13 Sep 2018 16:09
 Operator : JU/SJ
 Sample : J4771-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-091218

Manual Integrations
 APPROVED

Sohil
 9/14/2018 8:41:02 AM

Quant Time: Sep 14 08:15:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	175606	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	677195	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	326970	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	611186	20.00	ng	0.00
75) Chrysene-d12	13.87	240	433134	20.00	ng	0.00
86) Perylene-d12	15.27	264	461899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	326108	30.77	ng	0.00
7) Phenol-d6	6.35	99	487246	35.73	ng	-0.01
23) Nitrobenzene-d5	7.28	82	300295	27.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	72649	23.27	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	579133	30.22	ng	-0.01
78) Terphenyl-d14	12.82	244	501939	27.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	146233	6.394	ng	98
59) Diethylphthalate	10.17	149	61920	2.624	ng	97
70) Phenanthrene	11.26	178	182423	6.250	ng	99
74) Fluoranthene	12.44	202	285251	9.871	ng	95
77) Pyrene	12.67	202	222550	6.677	ng	99
80) Benzo(a)anthracene	13.85	228	77366	2.787	ng	96
82) Chrysene	13.89	228	109894	4.089	ng	96
83) Bis(2-ethylhexyl)phthalate	13.86	149	57010	3.023	ng	99
85) Indeno(1,2,3-cd)pyrene	16.62	276	57037	2.398	ng	# 89
87) Benzo(b)fluoranthene	14.87	252	140333m	5.587	ng	
89) Benzo(a)pyrene	15.21	252	75875	3.348	ng	# 94
91) Benzo(a,h,i)perylene	17.03	276	51877	2.595	ng	95

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

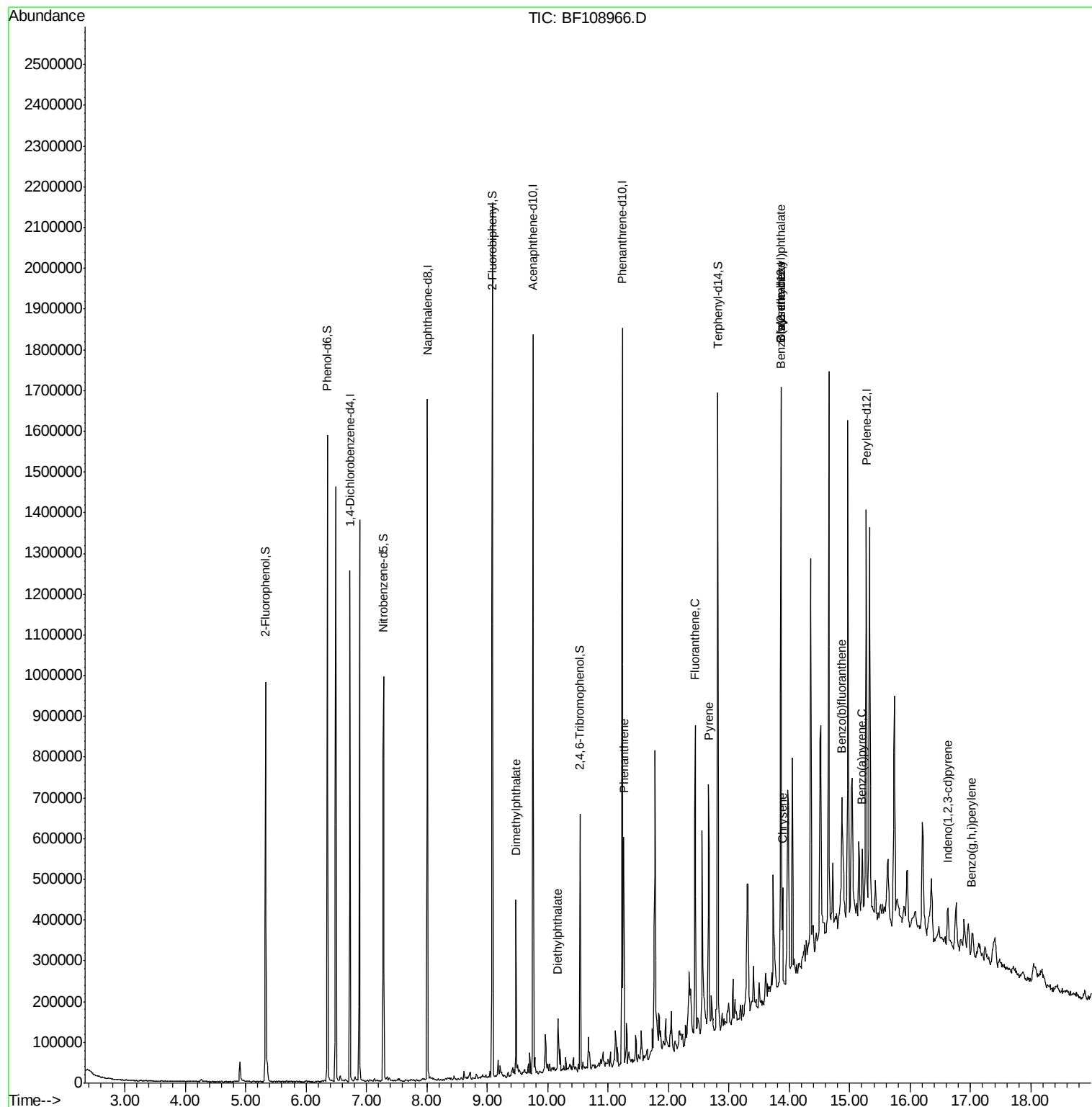
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
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ALS Vial : 5 Sample Multiplier: 1

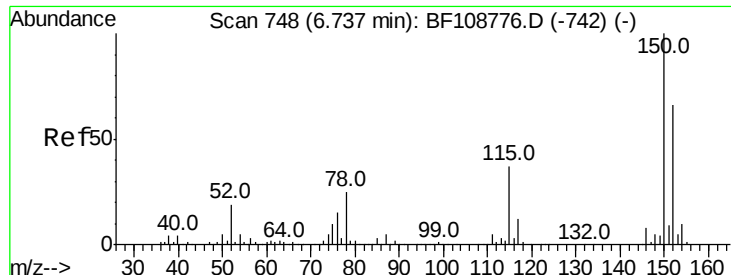
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

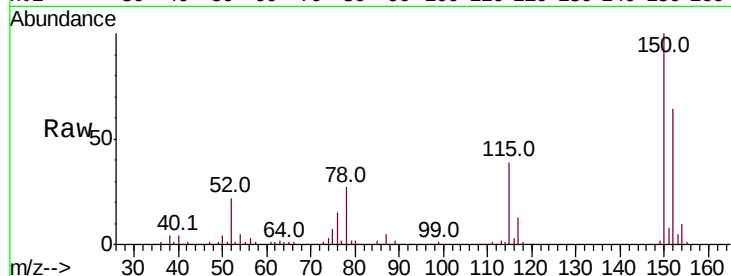
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Instrument :
BNA_F
ClientSampleId :
NB-08-091218

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	61.4	50.1	75.1

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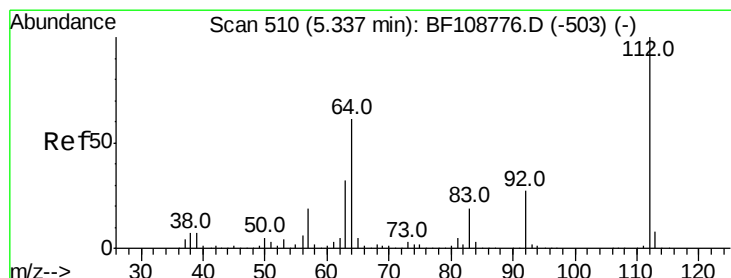
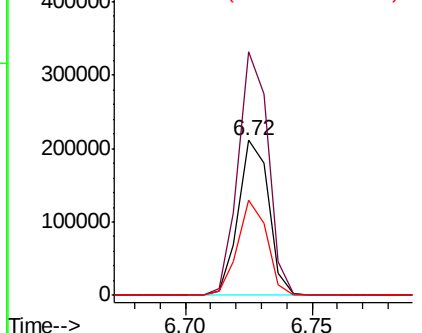
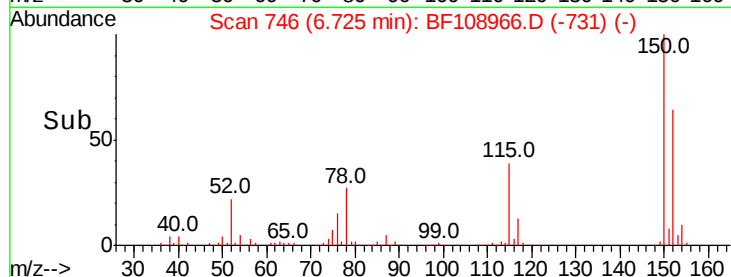


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

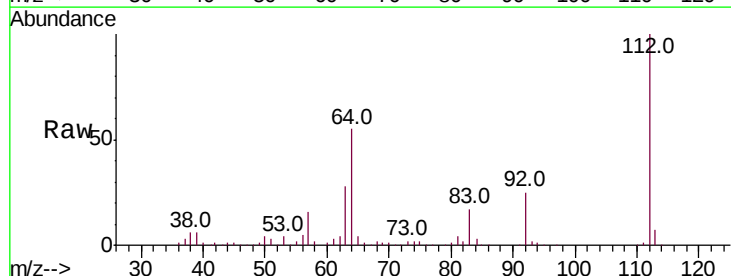
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 30.765 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	28.1	23.7	35.5

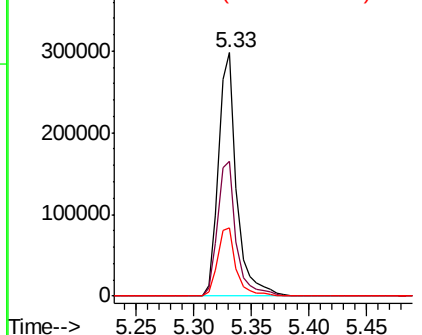
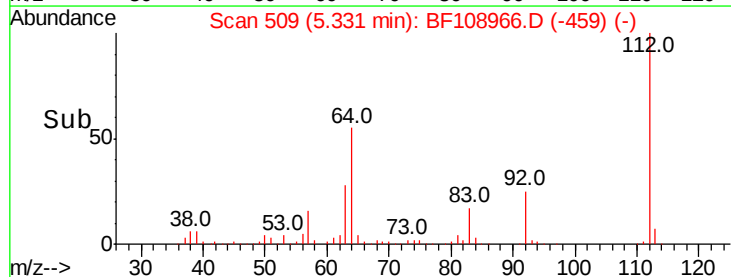


Abundance

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: 35.726 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108966.D

Acq: 13 Sep 2018 16:09

Instrument :

BNA_F

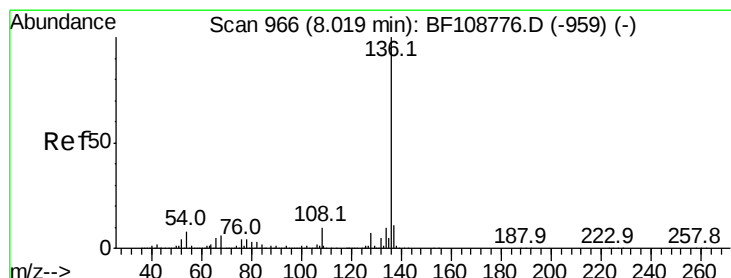
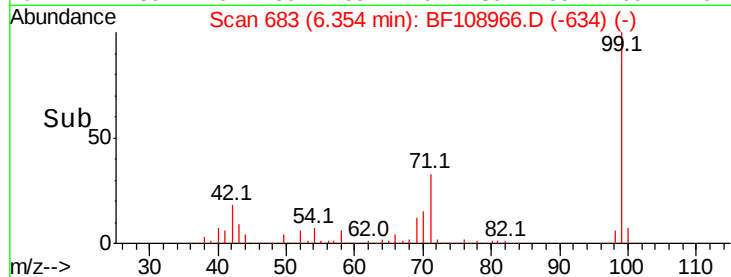
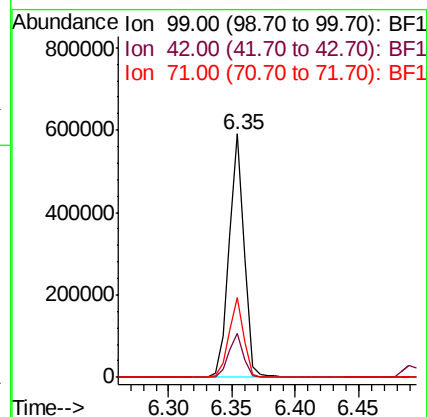
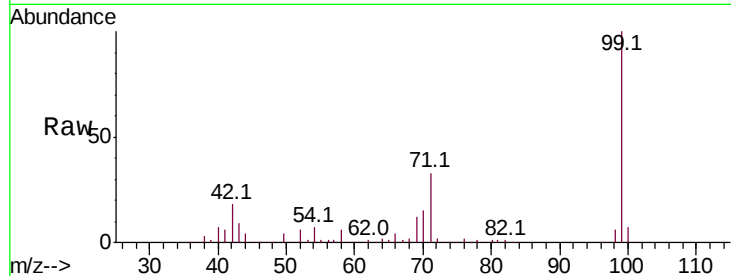
ClientSampleId :

NB-08-091218

Tot Ion:	99	Resp:	487246
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.5	21.7
71	32.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

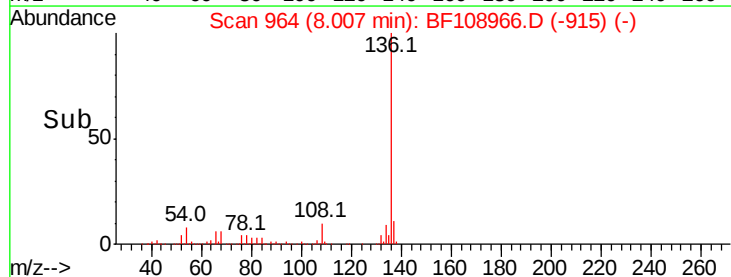
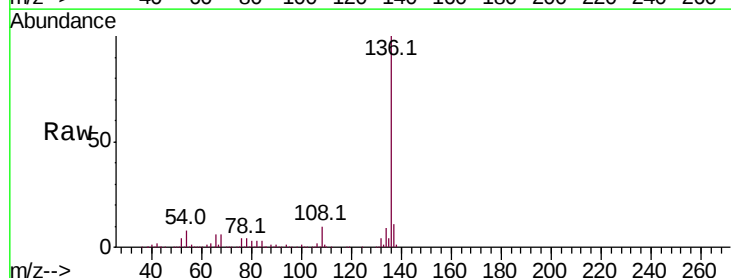
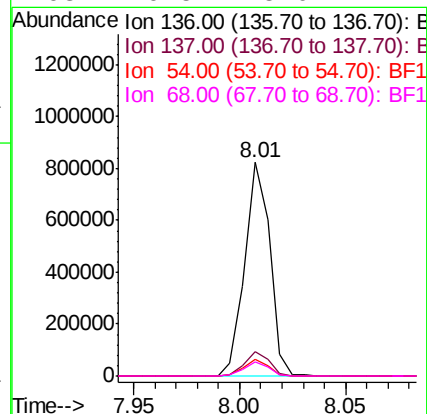
RT: 8.01 min Scan# 964

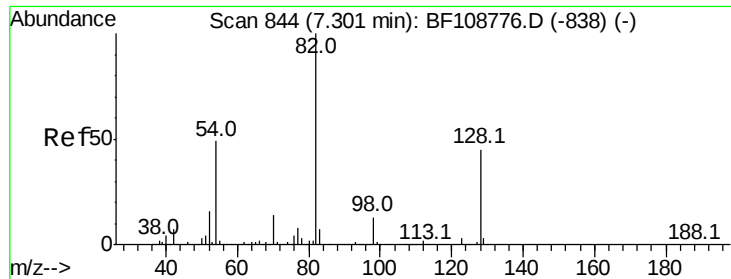
Delta R.T. -0.01 min

Lab File: BF108966.D

Acq: 13 Sep 2018 16:09

Tgt Ion:	136	Resp:	677195
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.7	6.6	9.8
68	6.5	5.0	7.4





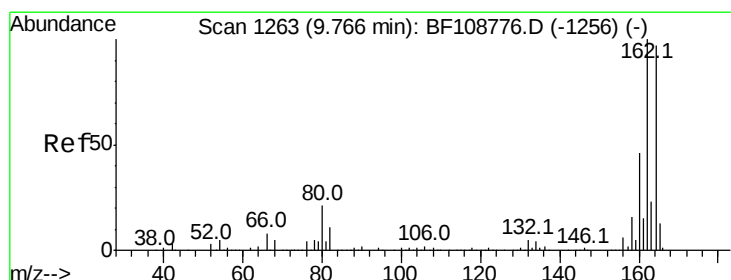
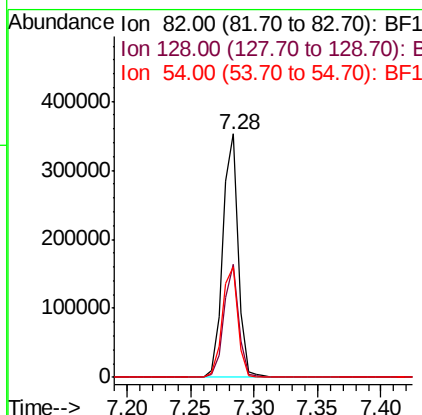
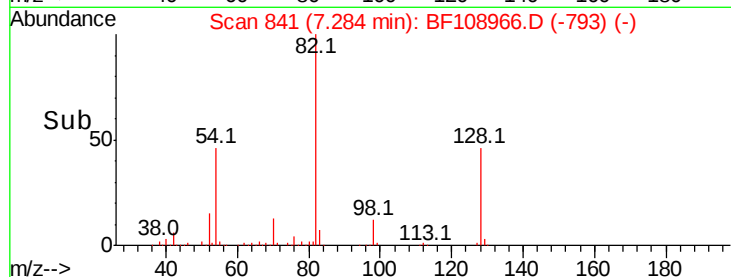
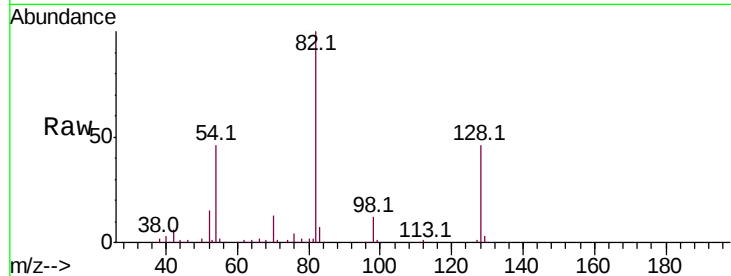
#23
 Nitrobenzene-d5
 Concen: 27.751 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF108966.D
 Acq: 13 Sep 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-091218

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	36.1	54.1	
54	45.5	41.4	62.2	

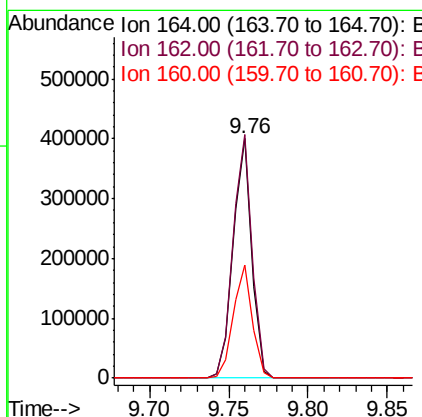
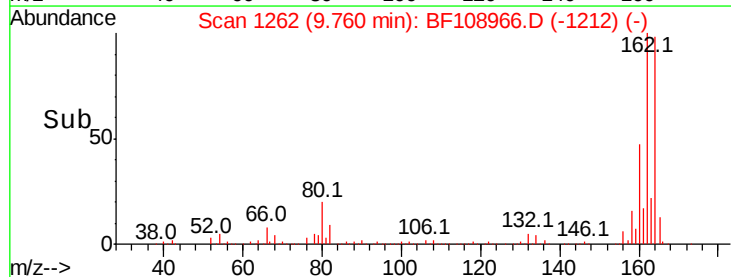
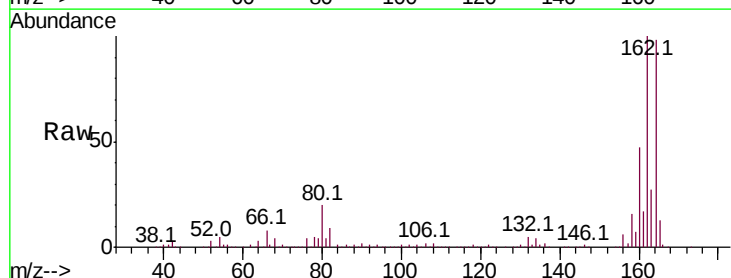
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108966.D
 Acq: 13 Sep 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	86.1	129.1	
160	47.4	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 23.274 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF108966.D

Acq: 13 Sep 2018 16:09

Instrument :

BNA_F

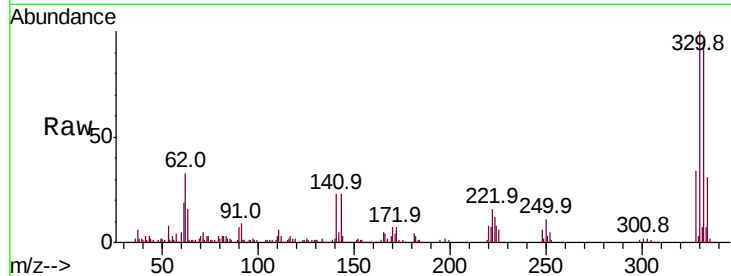
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NB-08-091218

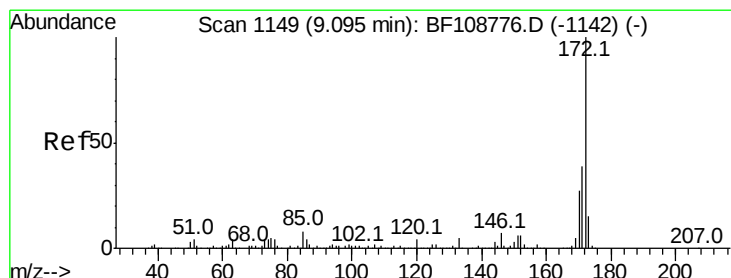
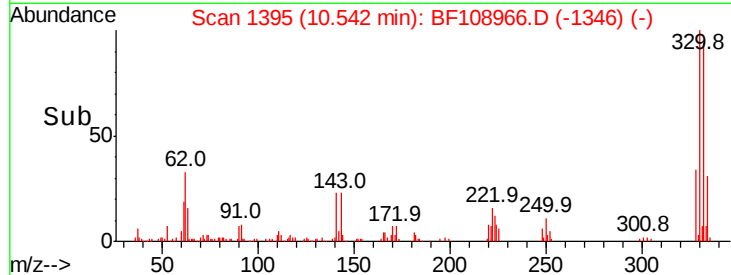
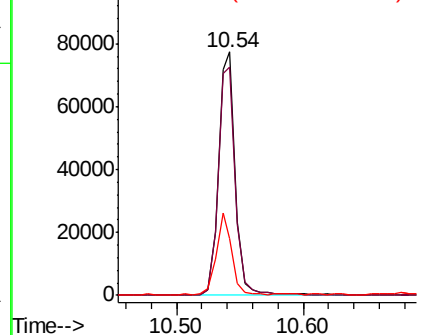
Tot Ion:	330	Resp:	72649
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	31.6	29.9	44.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 30.217 ng

RT: 9.08 min Scan# 1147

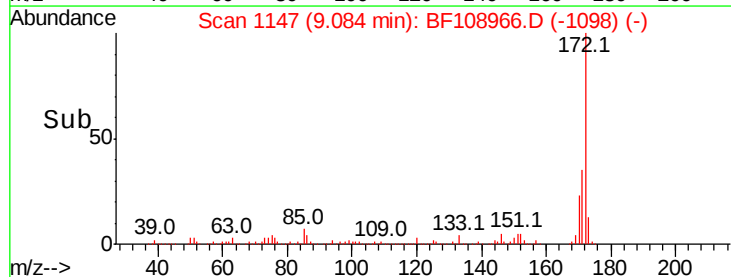
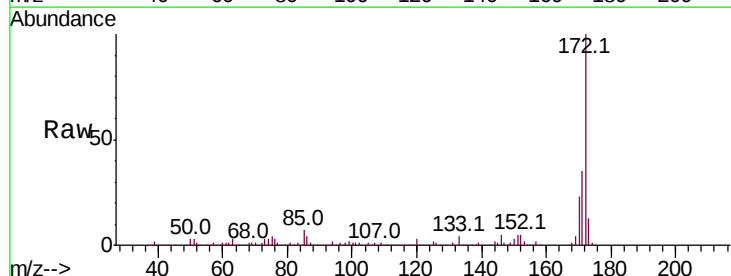
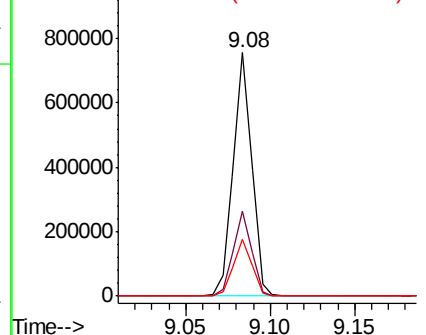
Delta R.T. -0.01 min

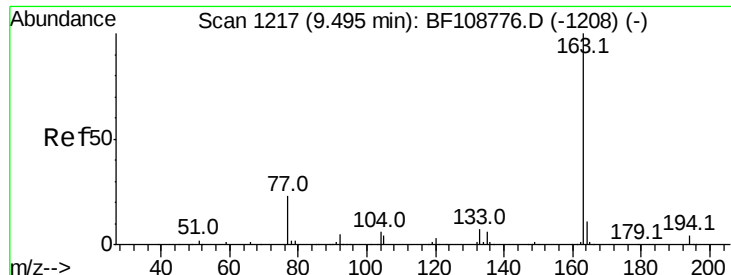
Lab File: BF108966.D

Acq: 13 Sep 2018 16:09

Tgt Ion:	172	Resp:	579133
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.7	44.5
170	23.1	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





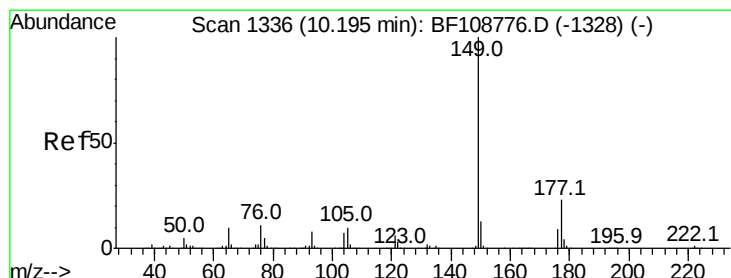
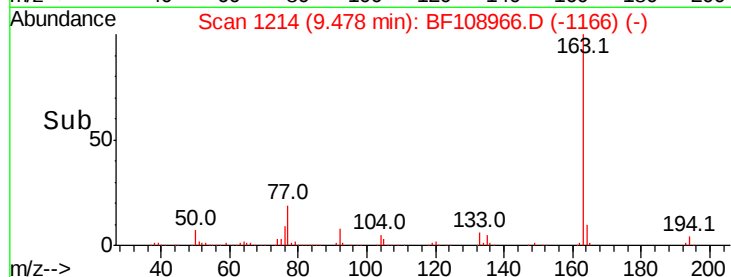
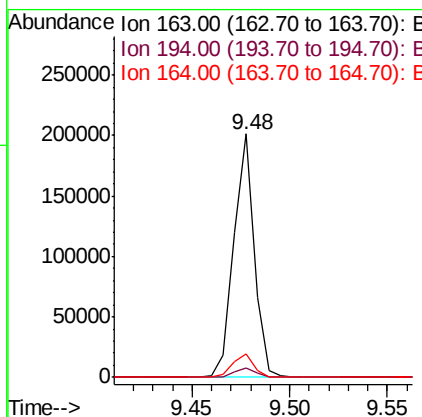
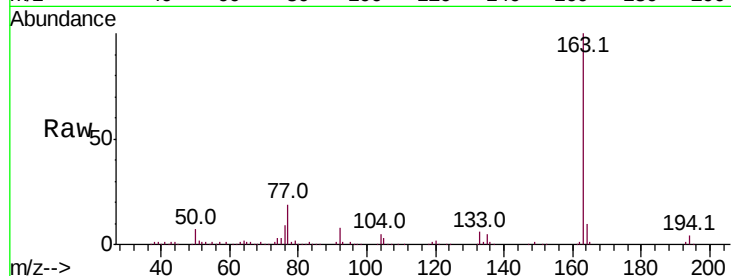
#49
Dimethylphthalate
Concen: 6.394 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Instrument :
BNA_F
ClientSampleId :
NB-08-091218

Tot Ion	Ratio	Resp	Lower	Upper
163	100	146233		
194	3.8	2.7	4.1	
164	9.6	8.2	12.2	

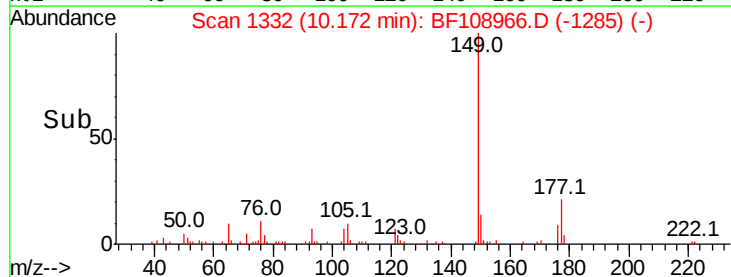
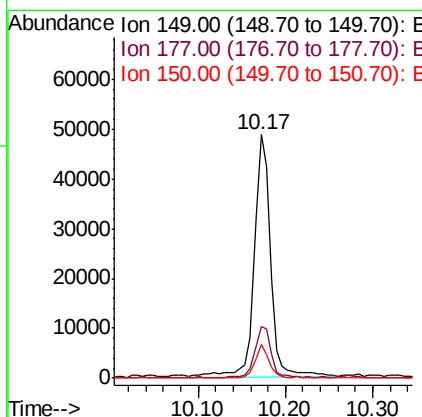
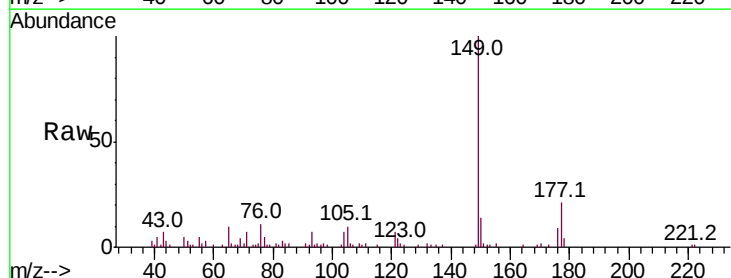
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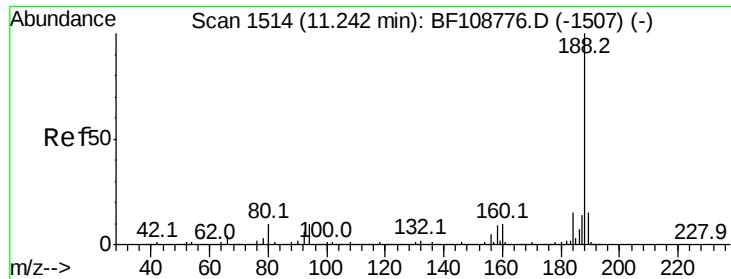
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#59
Diethylphthalate
Concen: 2.624 ng
RT: 10.17 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	61920		
177	21.4	16.1	24.1	
150	13.8	10.1	15.1	





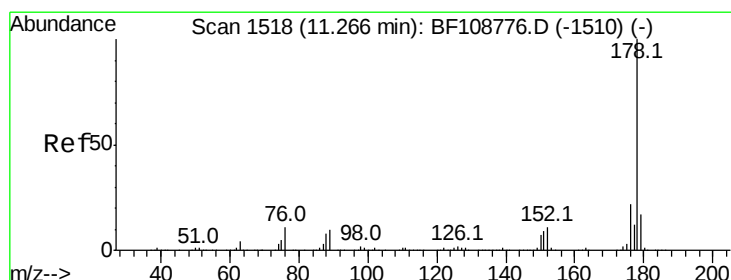
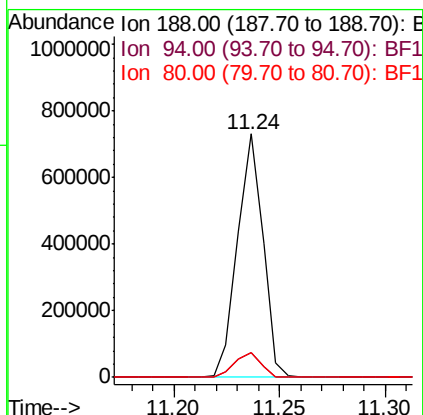
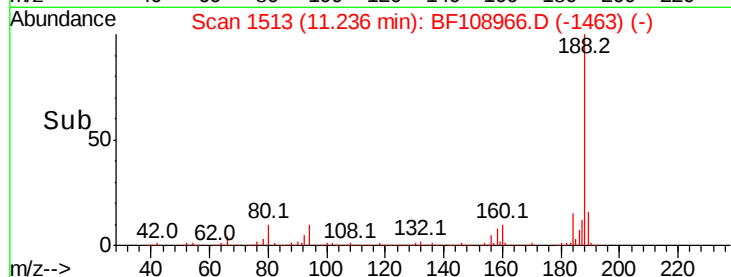
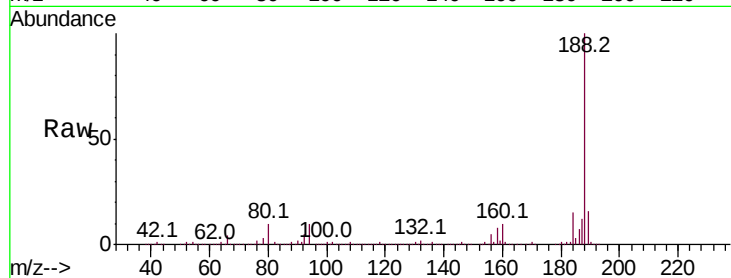
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF108966.D
 Acq: 13 Sep 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-091218

Tot Ion	Ratio	Resp	Lower	Upper
188	100	611186		
94	10.4		8.5	12.7
80	10.4		9.2	13.8

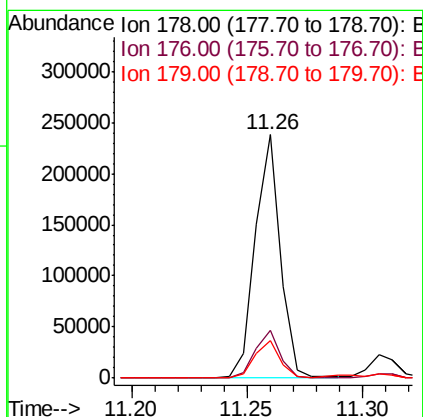
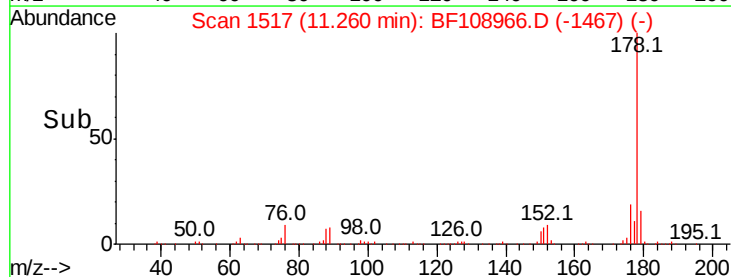
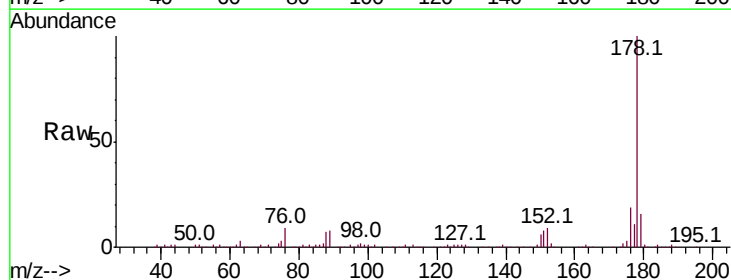
Manual Integrations
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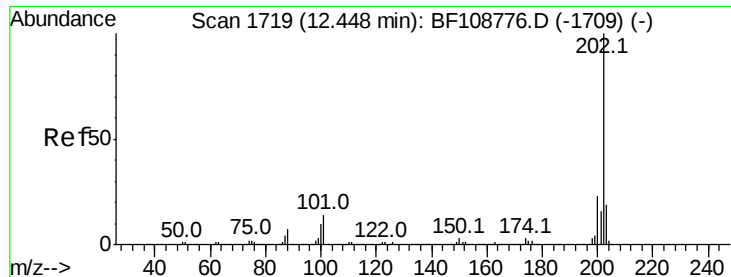
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#70
 Phenanthrene
 Concen: 6.250 ng
 RT: 11.26 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF108966.D
 Acq: 13 Sep 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	182423		
176	19.4		15.8	23.8
179	15.6		13.0	19.6





#74

Fluoranthene

Concen: 9.871 ng

RT: 12.44 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BF108966.D

Acq: 13 Sep 2018 16:09

Instrument :

BNA_F

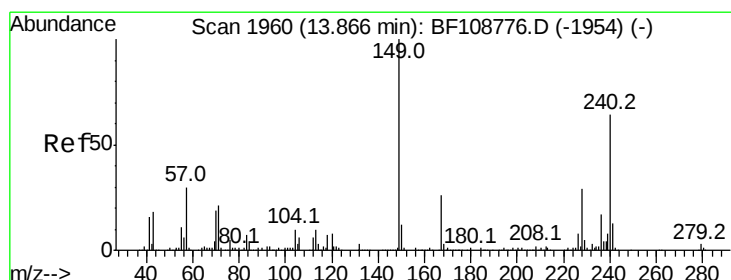
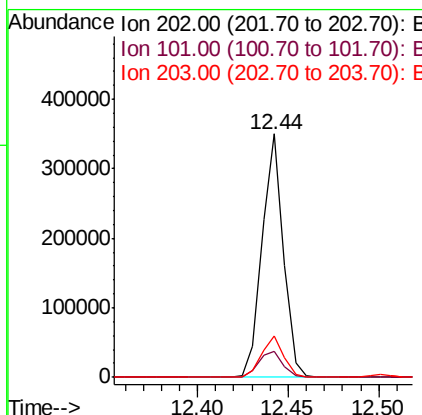
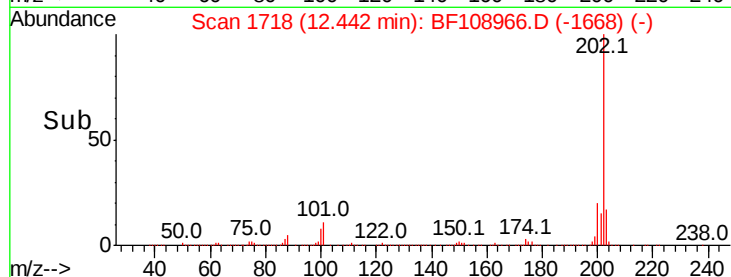
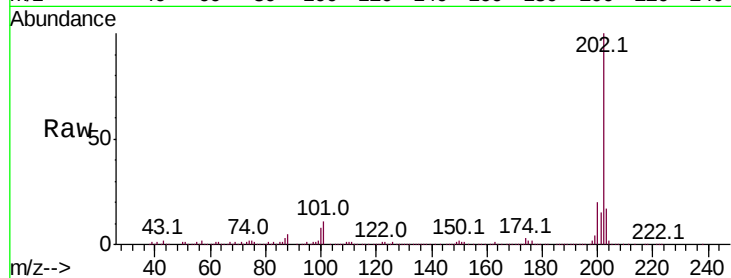
ClientSampleId :

NB-08-091218

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		285251		
101	10.5	0.0	34.1		
203	17.0	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

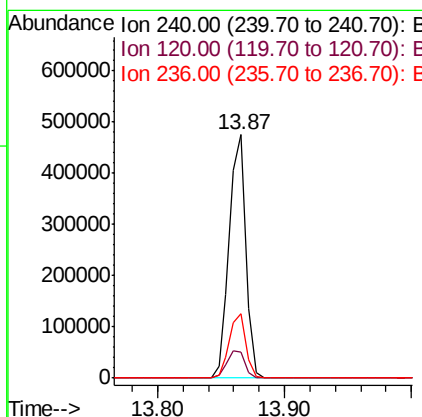
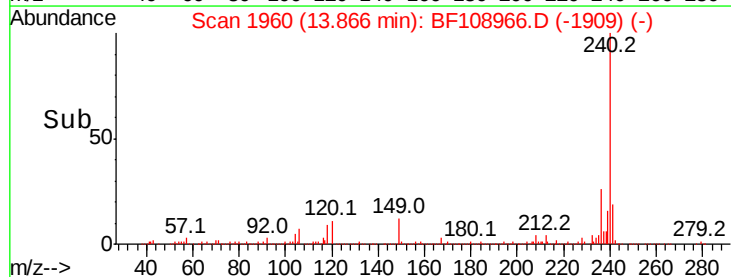
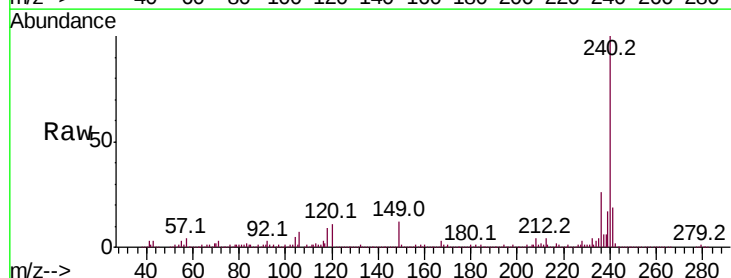
RT: 13.87 min Scan# 1960

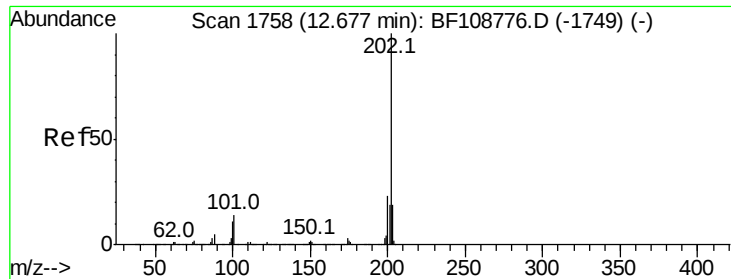
Delta R.T. 0.00 min

Lab File: BF108966.D

Acq: 13 Sep 2018 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		433134		
120	10.7	9.5	14.3		
236	26.5	20.7	31.1		





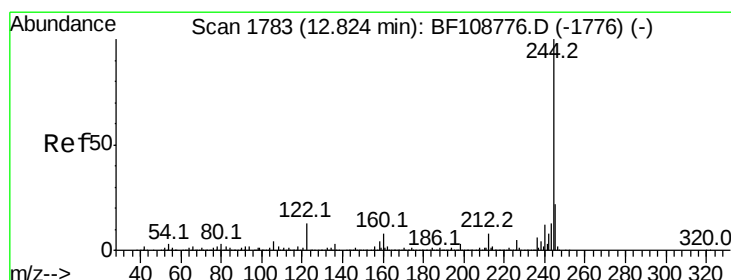
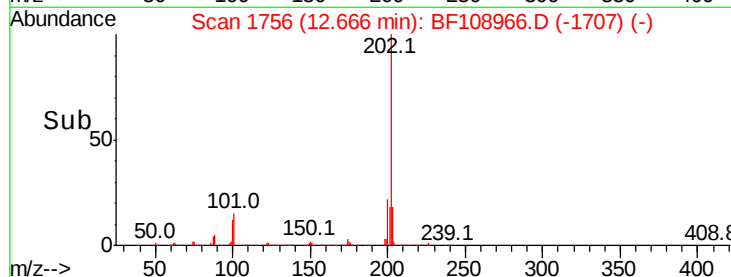
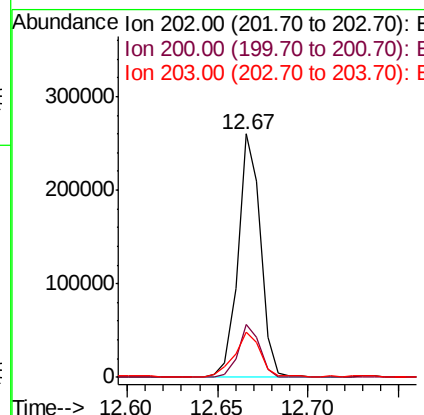
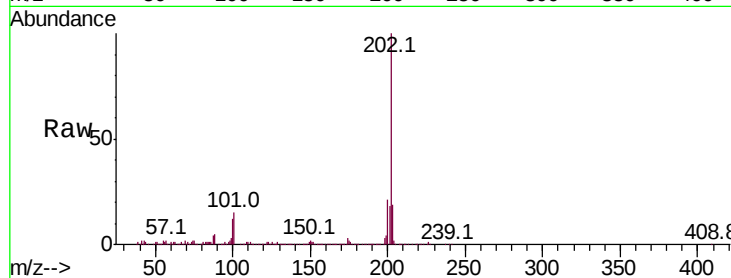
#77
Pvrene
Concen: 6.677 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Instrument :
BNA_F
ClientSampleId :
NB-08-091218

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

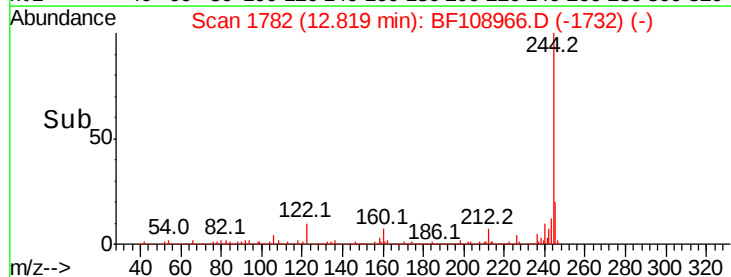
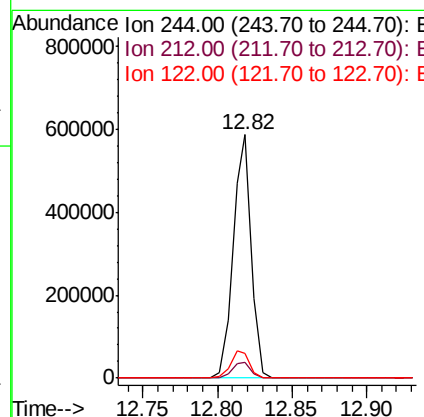
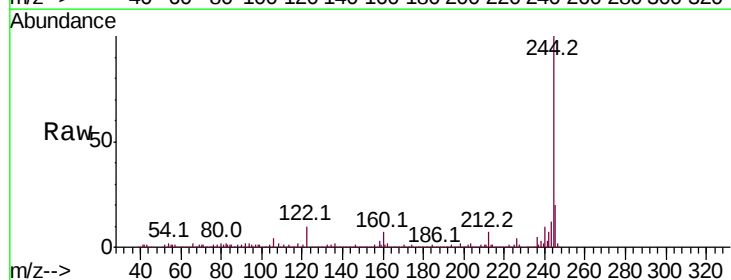
Manual Integrations
APPROVED

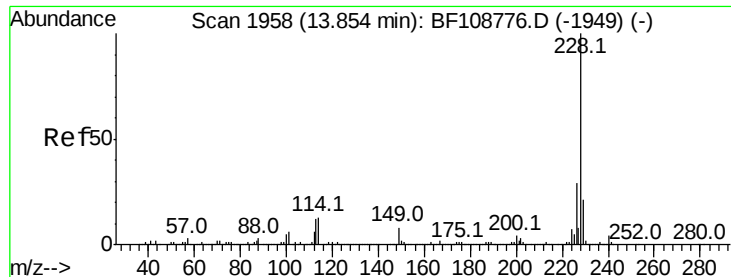
Sohil
9/14/2018 8:41:02 AM



#78
Terphenyl-d14
Concen: 27.023 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.3	11.0	16.4#





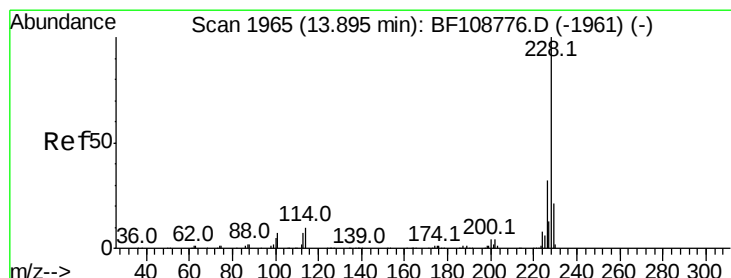
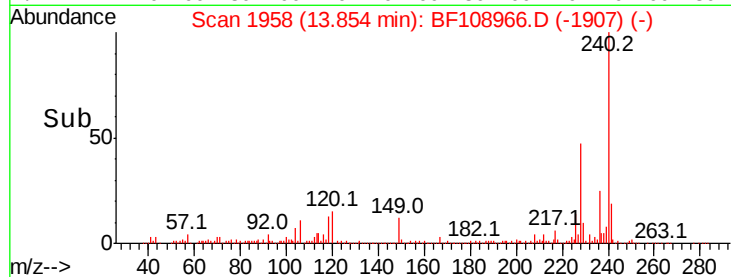
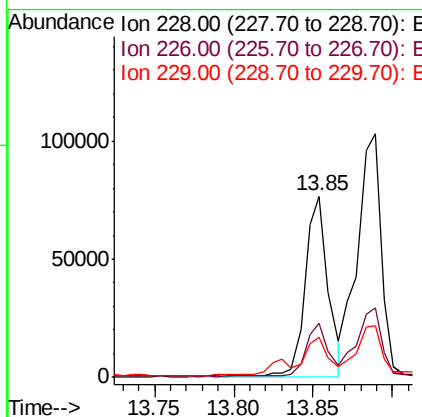
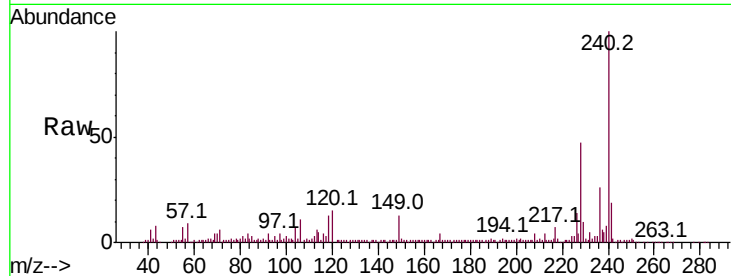
#80
Benzo(a)anthracene
Concen: 2.787 ng
RT: 13.85 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Instrument :
BNA_F
ClientSampled :
NB-08-091218

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	21.8	15.8	23.6

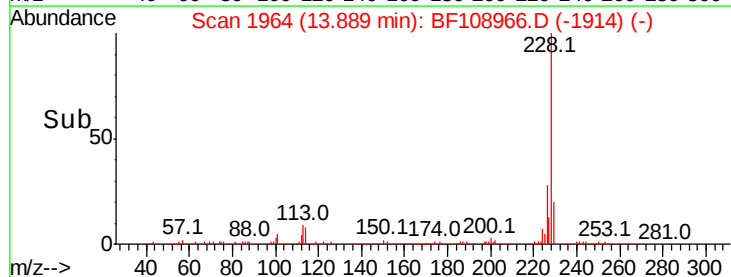
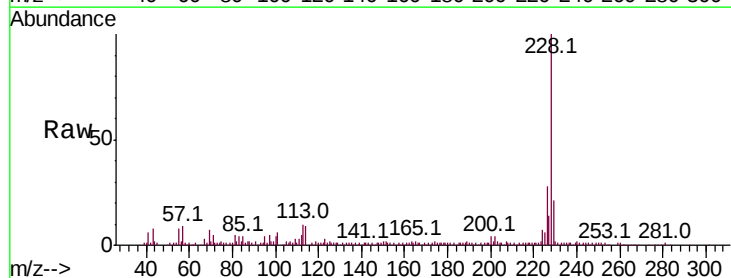
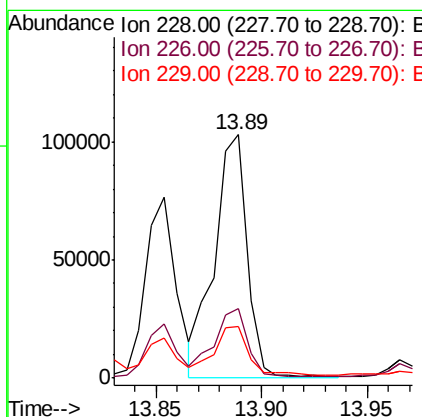
Manual Integrations
APPROVED

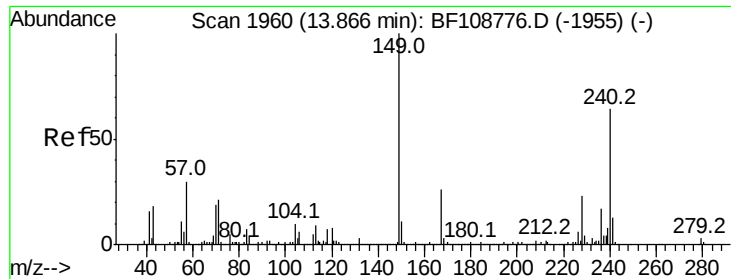
Sohil
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#82
Chrysene
Concen: 4.089 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	21.0	16.2	24.4





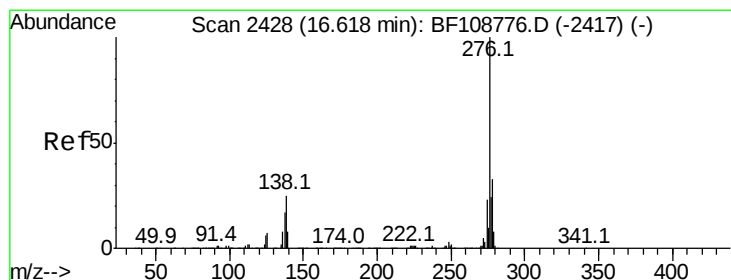
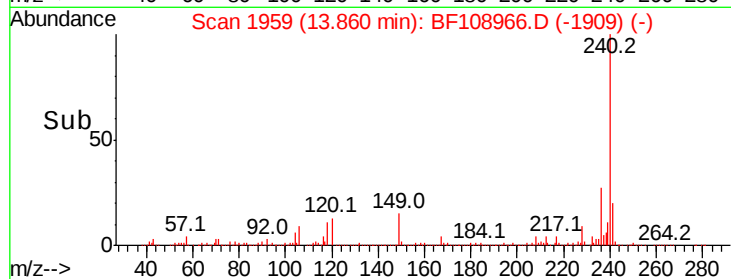
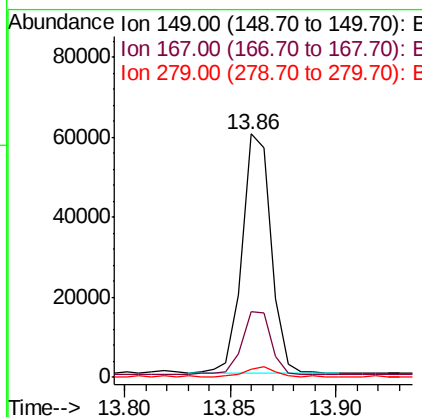
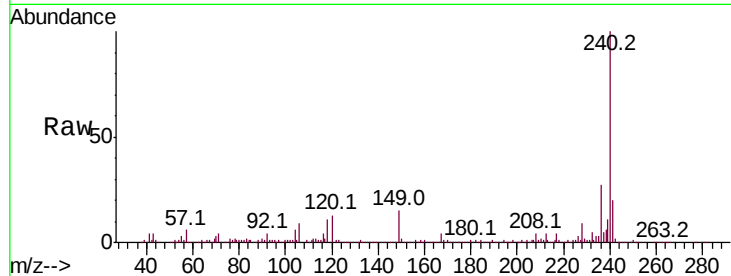
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.023 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Instrument :
BNA_F
ClientSampleId :
NB-08-091218

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.3	3.0	4.4

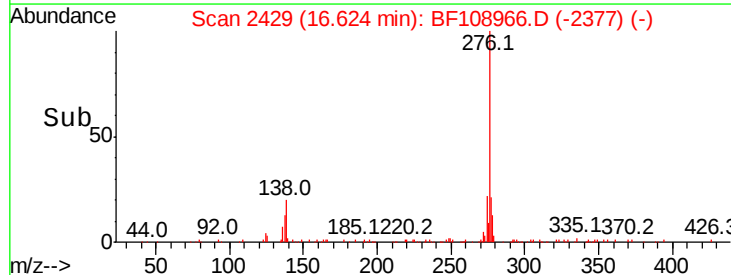
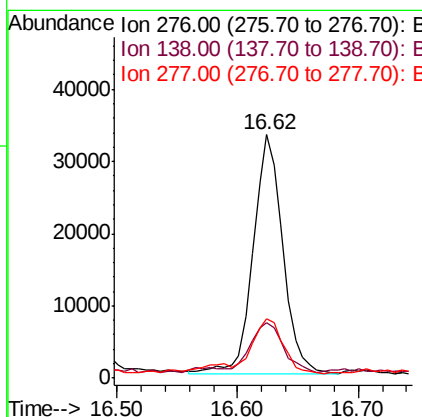
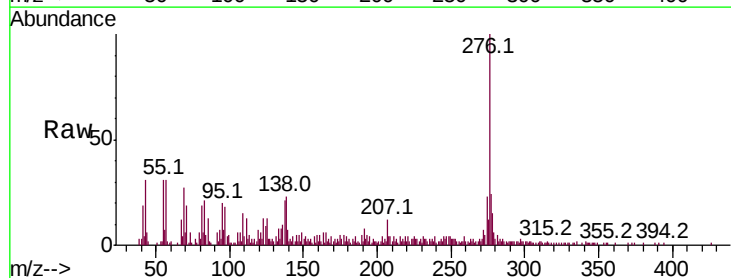
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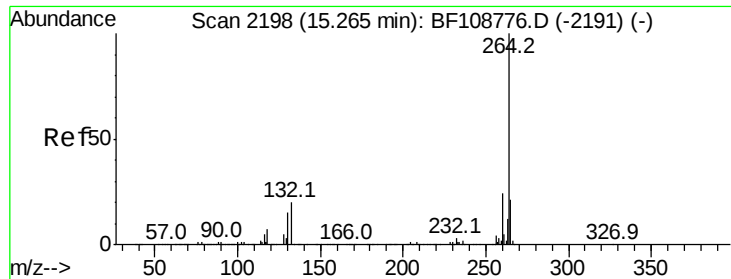
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.398 ng
RT: 16.62 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	27.3	20.1	30.1





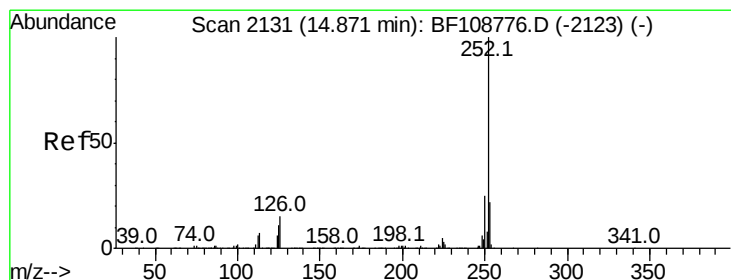
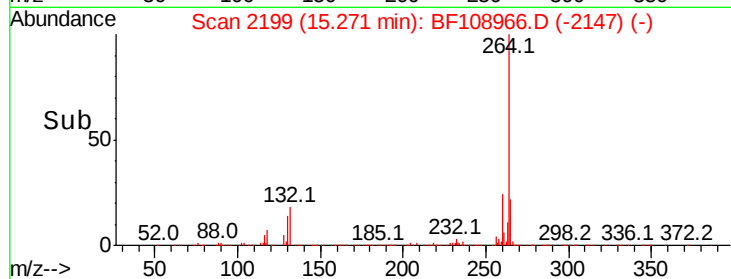
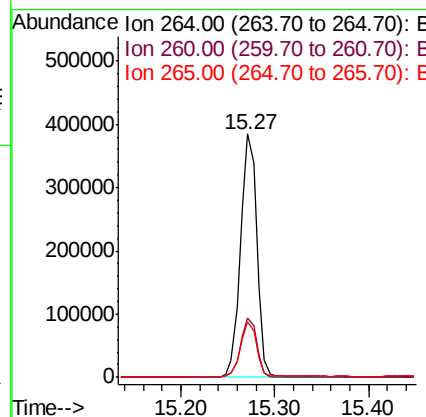
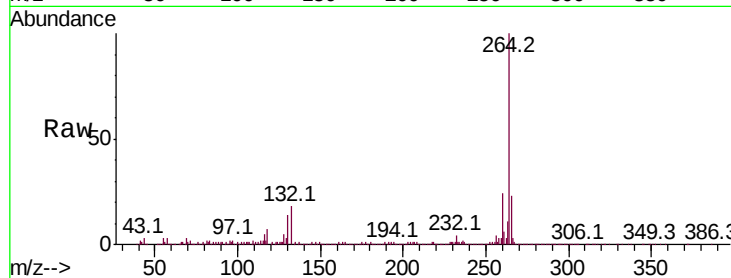
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Instrument :
BNA_F
ClientSampleId :
NB-08-091218

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.5	17.5	26.3

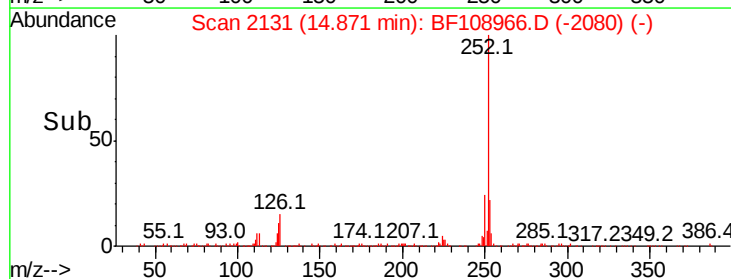
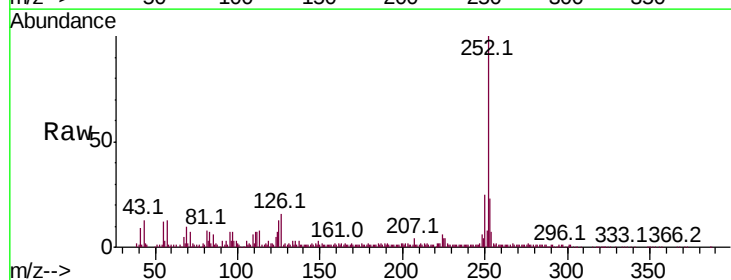
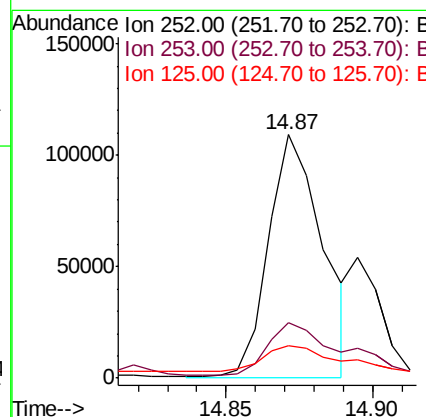
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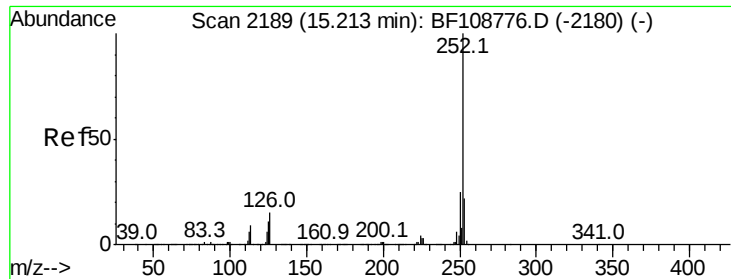
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#87
Benzo(b)fluoranthene
Concen: 5.587 ng m
RT: 14.87 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	13.4	9.0	13.6





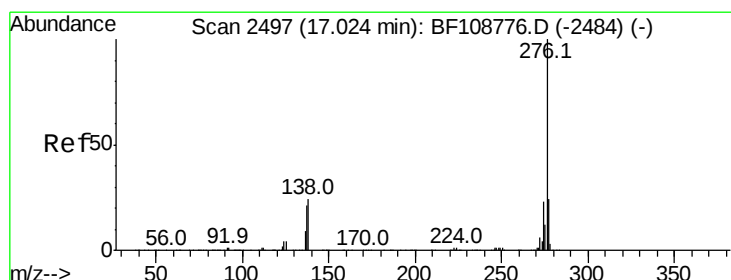
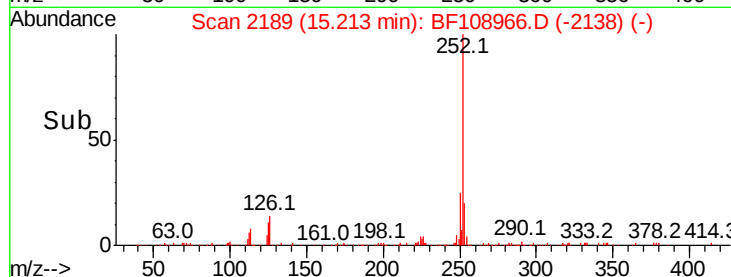
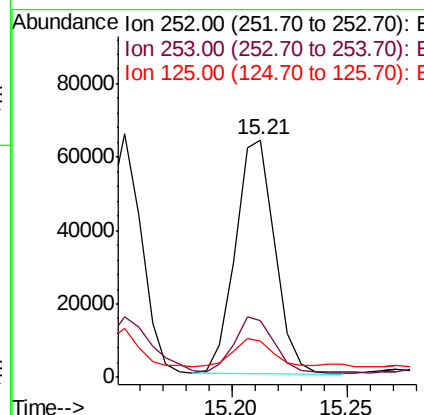
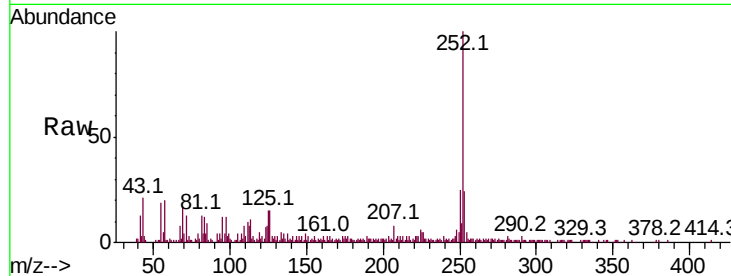
#89
Benzo(a)pyrene
Concen: 3.348 ng
RT: 15.21 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Instrument :
BNA_F
ClientSampleId :
NB-08-091218

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	15.0	9.8	14.6

Manual Integrations
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9/14/2018 8:41:02 AM



#91
Benzo(g,h,i)perylene
Concen: 2.595 ng
RT: 17.03 min Scan# 2498
Delta R.T. 0.01 min
Lab File: BF108966.D
Acq: 13 Sep 2018 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	24.4	21.8	32.8

