

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109106.D
 Acq On : 18 Sep 2018 20:02
 Operator : JU/SJ
 Sample : J4952-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2015-161-20-RB36584RT-RB47184R

Manual Integrations
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Quant Time: Sep 19 05:07:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128833	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	466878	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	200347	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	340110	20.00	ng	0.00
75) Chrysene-d12	13.85	240	352465	20.00	ng	0.00
86) Perylene-d12	15.26	264	348539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	524046	67.56	ng	0.00
7) Phenol-d6	6.35	99	677511	67.74	ng	0.00
23) Nitrobenzene-d5	7.28	82	418157	50.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	146332	67.30	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	759843	59.42	ng	0.00
78) Terphenyl-d14	12.81	244	689332	46.36	ng	0.00
Target Compounds						
10) Phenol	6.37	94	41540	3.691	ng	93
49) Dimethylphthalate	9.47	163	119094	8.317	ng	98
74) Fluoranthene	12.44	202	38874	2.209	ng	95
83) Bis(2-ethylhexyl)phthalate	13.85	149	75310	5.319	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	50607m	2.965	ng	
87) Benzo(b)fluoranthene	14.86	252	96783m	5.019	ng	
89) Benzo(a)pyrene	15.20	252	71995	4.204	ng	# 96
91) Benzo(g,h,i)perylene	17.01	276	49257	3.425	ng	93

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

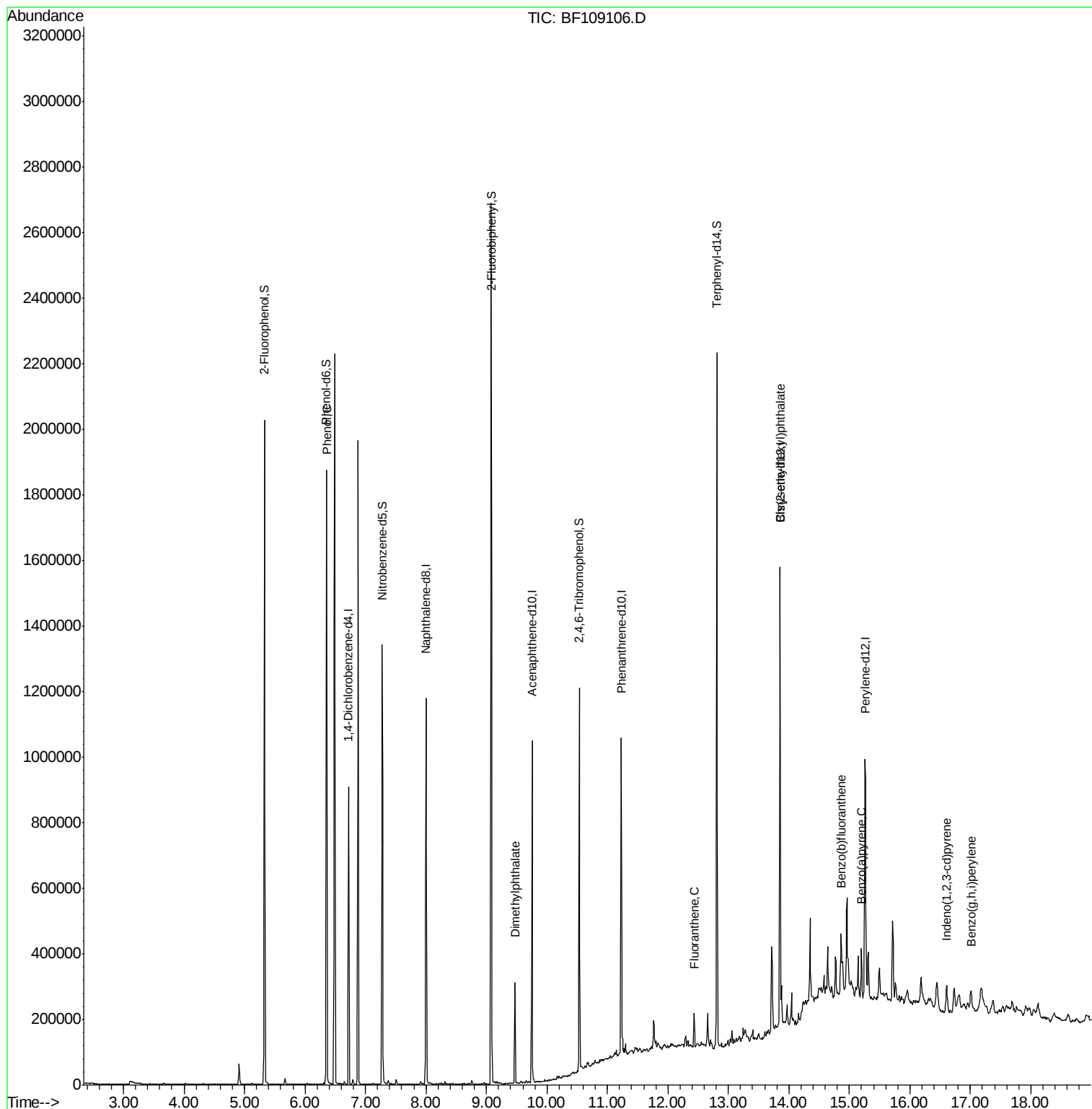
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109106.D
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Sample : J4952-01
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ALS Vial : 16 Sample Multiplier: 1

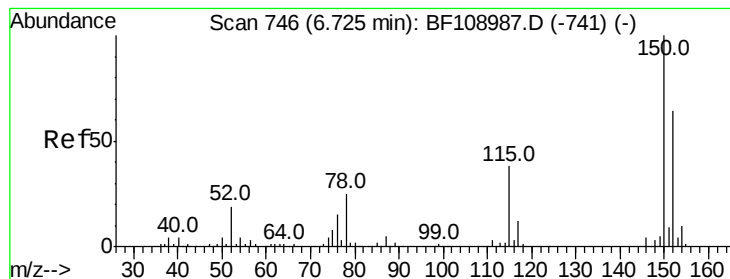
Instrument :
BNA_F
ClientSampleId :
2015-161-20-RB36584RT-RB47184R

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Quant Time: Sep 19 05:07:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

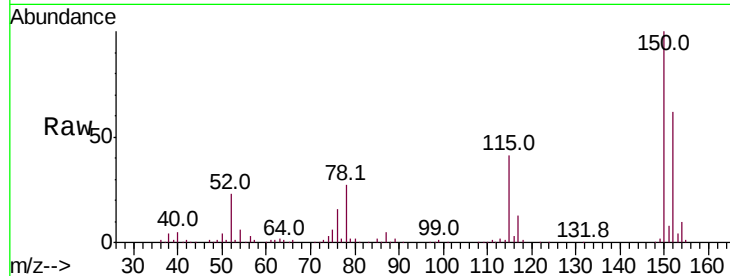
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109106.D
 Acq: 18 Sep 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 2015-161-20-RB36584RT-RB47184R

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	66.3	50.1	75.1

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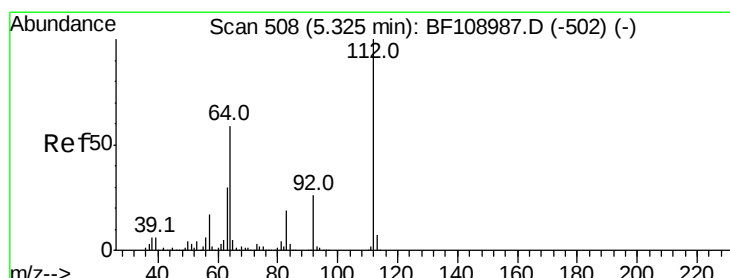
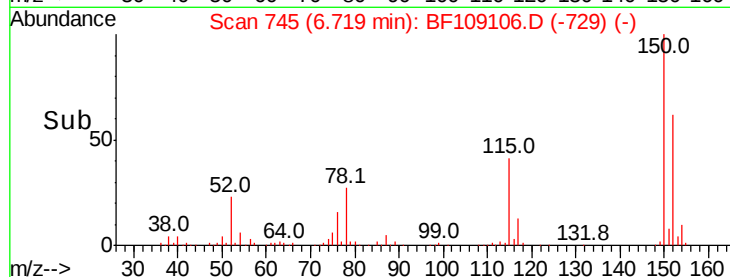
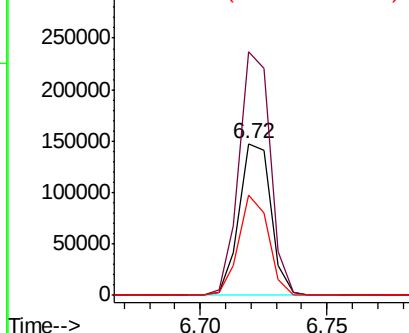


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

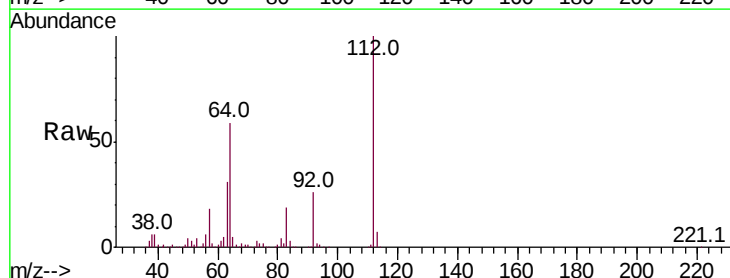
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 67.559 ng
 RT: 5.33 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF109106.D
 Acq: 18 Sep 2018 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.5	23.7	35.5

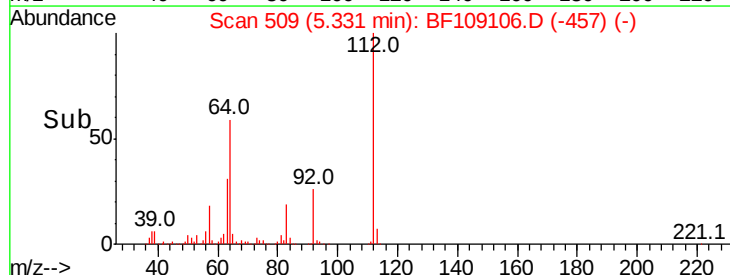
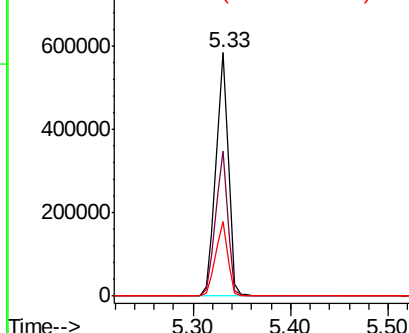


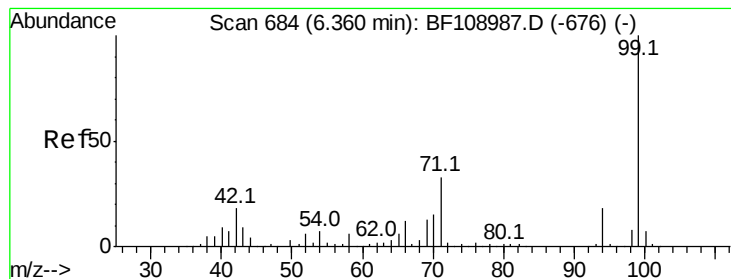
Abundance

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: 67.737 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109106.D

Acq: 18 Sep 2018 20:02

Instrument :

BNA_F

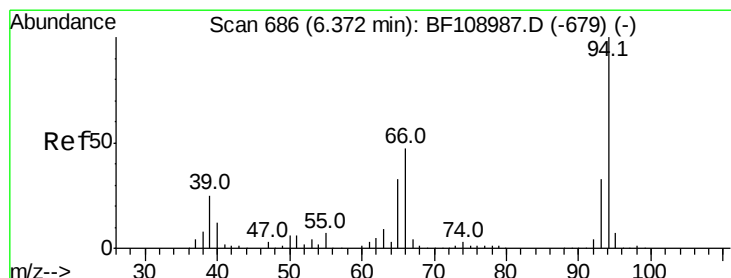
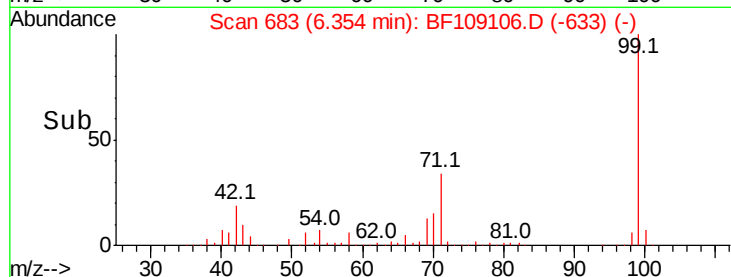
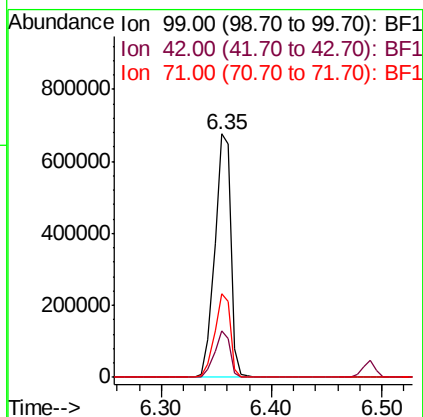
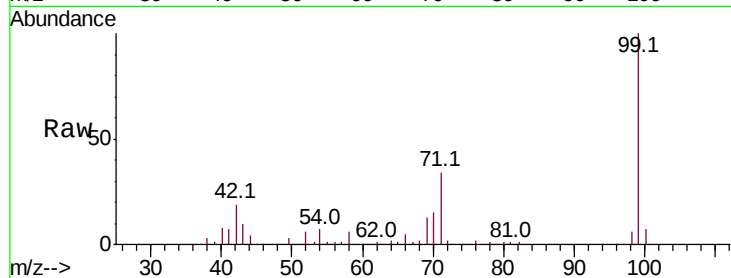
ClientSampleId :

2015-161-20-RB36584RT-RB47184R

Tot Ion:	99	Resp:	677511
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	34.1	25.4	38.0

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#10

Phenol

Concen: 3.691 ng

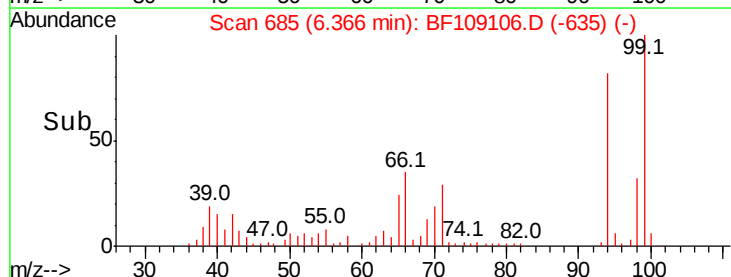
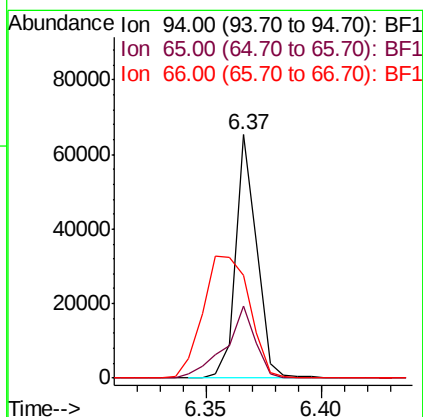
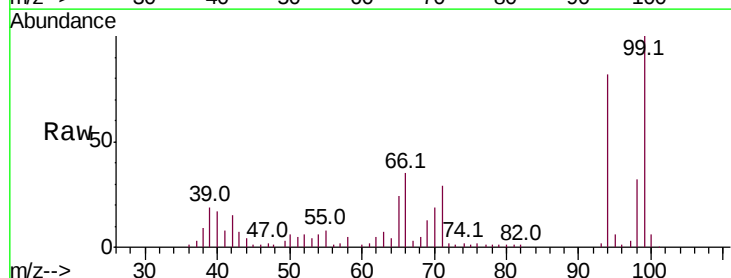
RT: 6.37 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF109106.D

Acq: 18 Sep 2018 20:02

Tgt Ion:	94	Resp:	41540
Ion Ratio	Lower	Upper	
94	100		
65	29.7	7.9	47.9
66	42.4	16.2	56.2





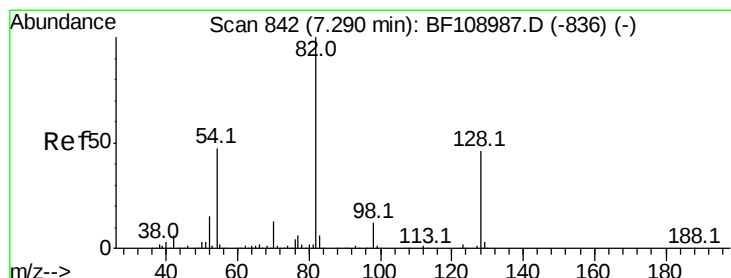
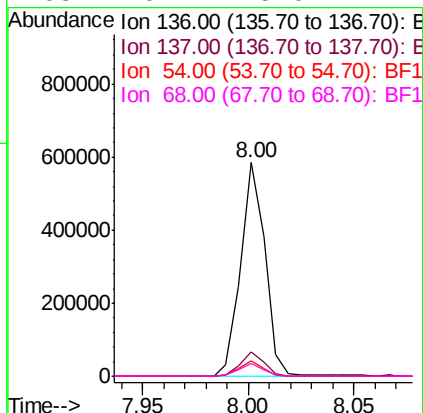
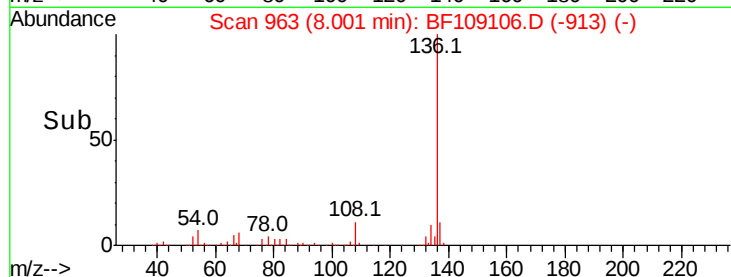
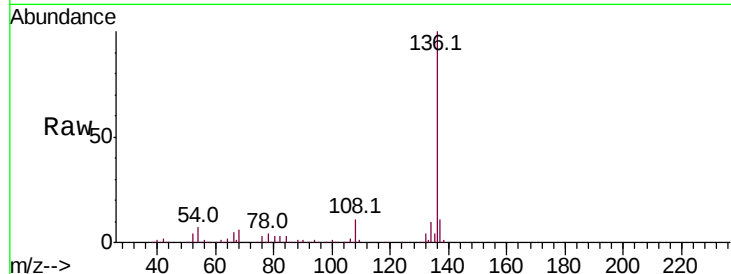
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Instrument :
BNA_F
ClientSampleId :
2015-161-20-RB36584RT-RB47184R

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.4	6.6	9.8	
68	6.2	5.0	7.4	

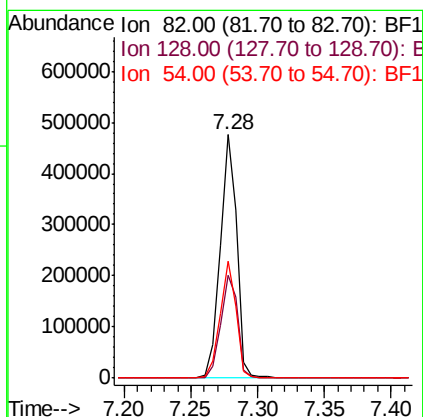
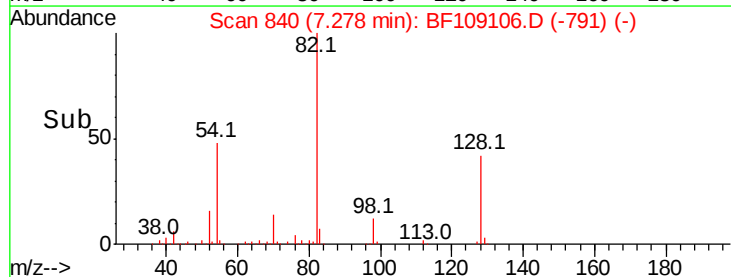
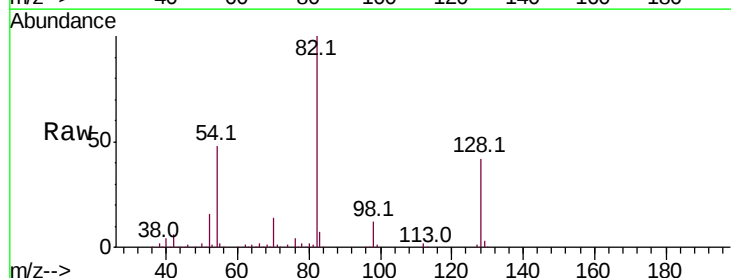
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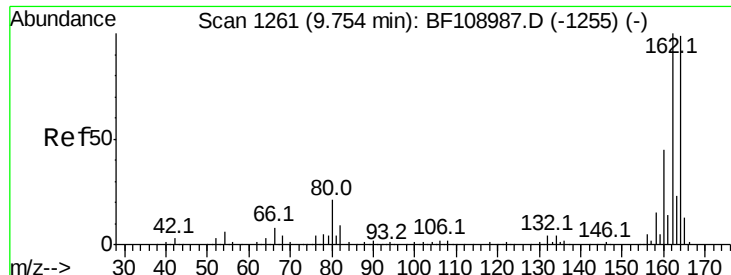
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#23
Nitrobenzene-d5
Concen: 50.235 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.4	36.1	54.1	
54	48.2	41.4	62.2	





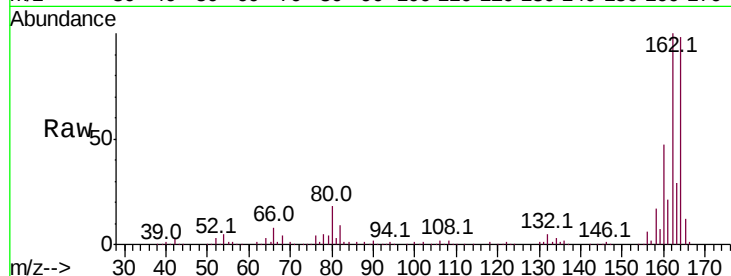
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Instrument :
BNA_F
ClientSampleId :
2015-161-20-RB36584RT-RB47184R

Tot Ion	Ratio	Resp	Lower	Upper
164	100	200347		
162	102.4	86.1	129.1	
160	47.9	38.3	57.5	

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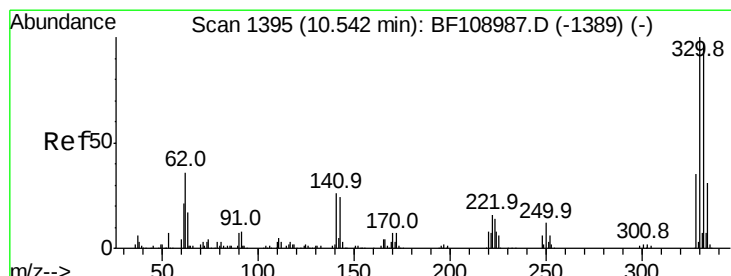
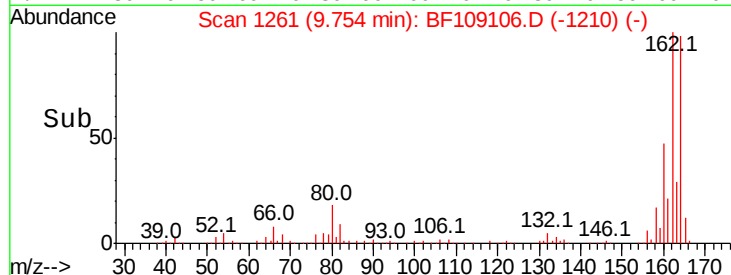
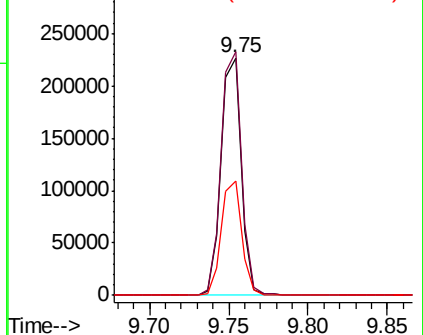


Abundance

Ion 164.00 (163.70 to 164.70): E

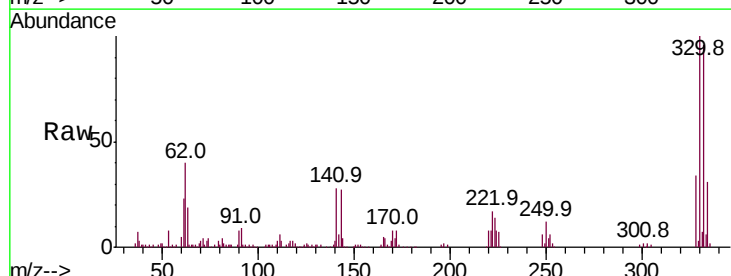
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 67.301 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	146332		
332	95.2	77.0	115.6	
141	32.9	29.9	44.9	

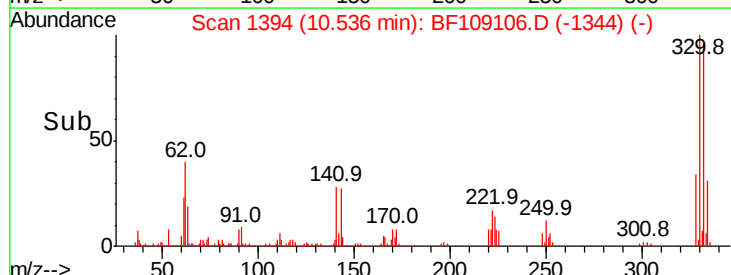
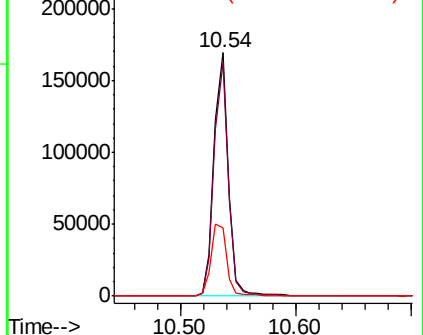


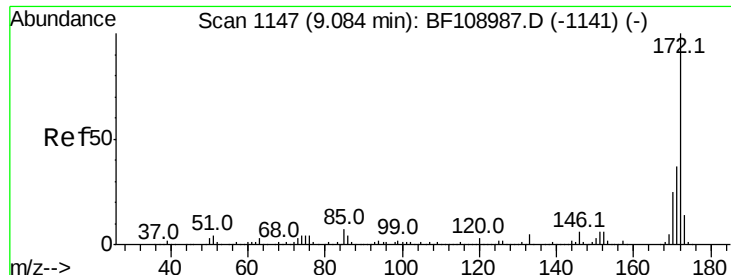
Abundance

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





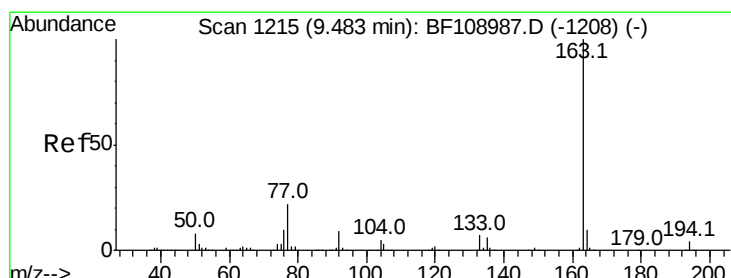
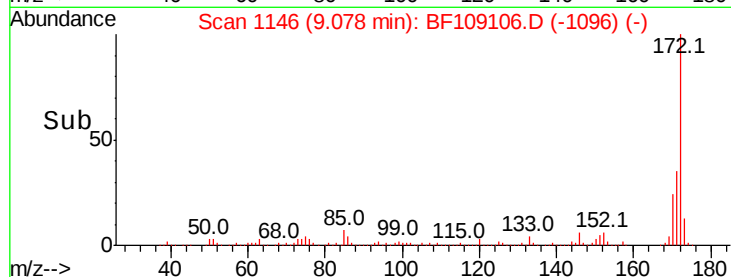
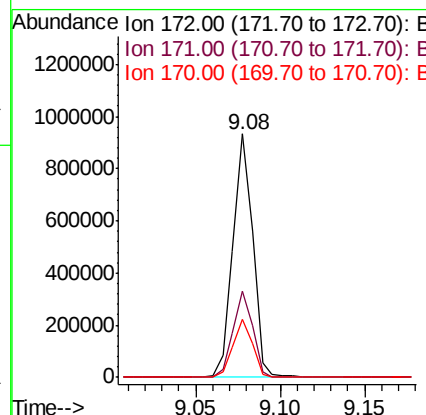
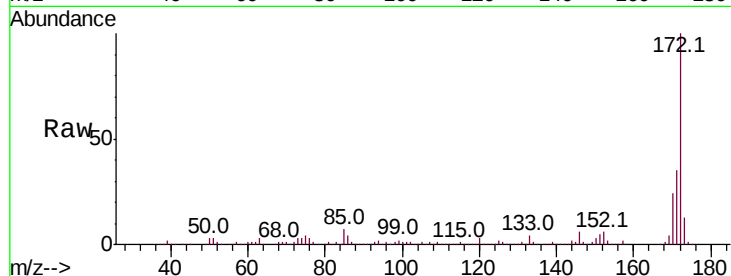
#44
2-Fluorobiphenyl
Concen: 59.420 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Instrument :
BNA_F
ClientSampleId :
2015-161-20-RB36584RT-RB47184R

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	29.7	44.5	
170	23.7	19.6	29.4	

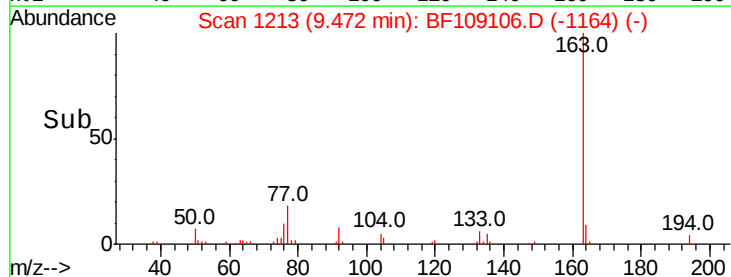
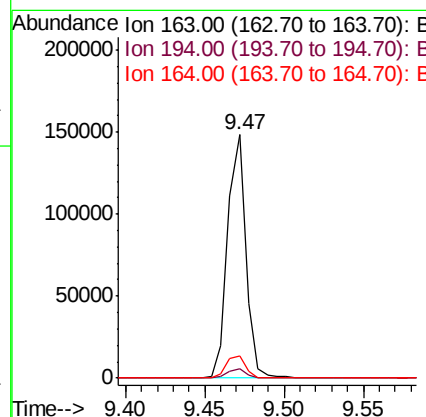
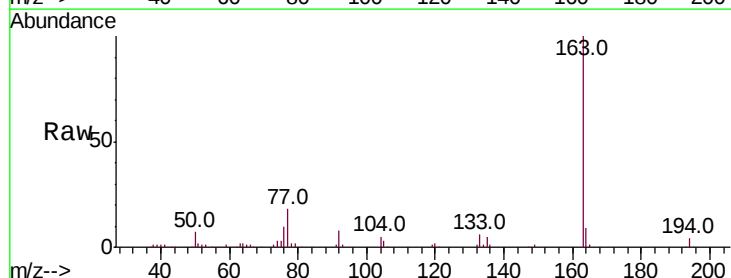
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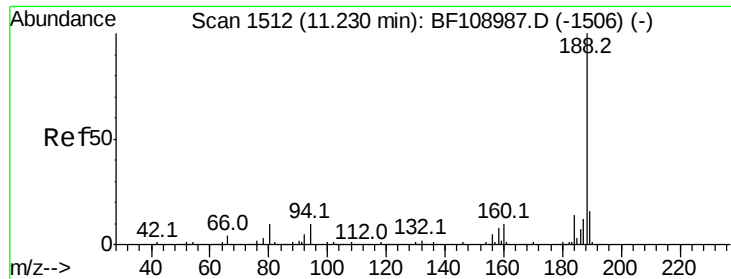
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#49
Dimethylphthalate
Concen: 8.317 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.7	4.1	
164	9.3	8.2	12.2	





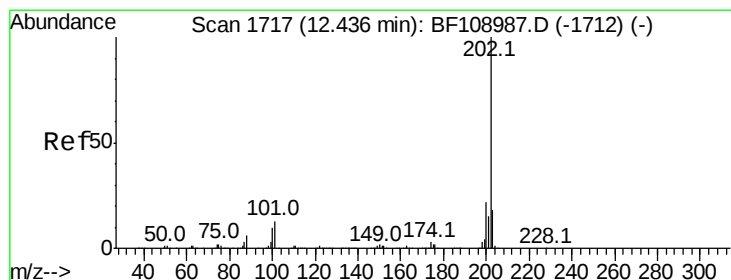
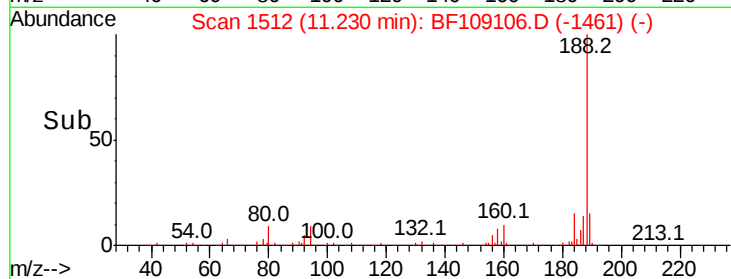
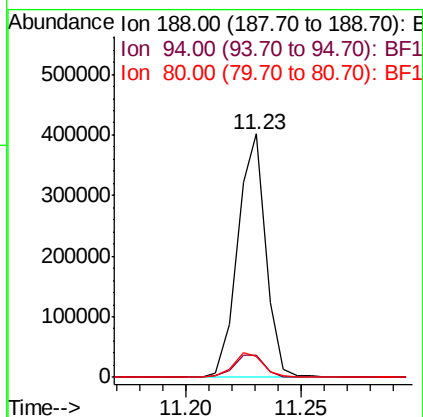
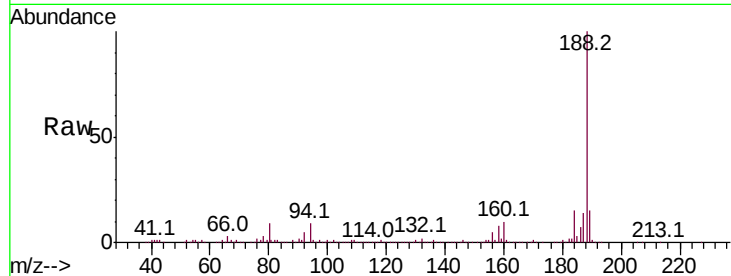
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	8.5	12.7
80	8.8	9.2	13.8

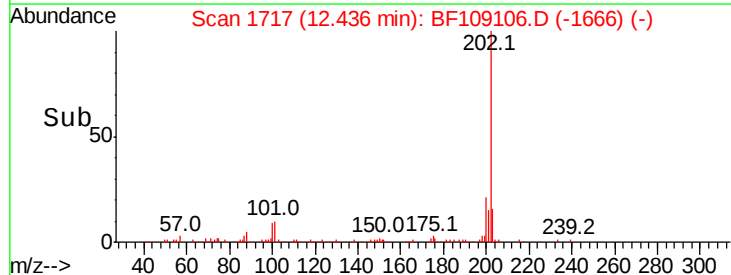
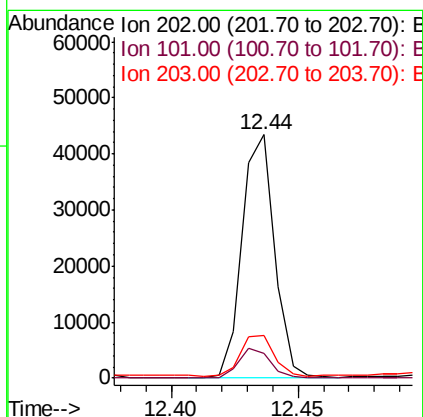
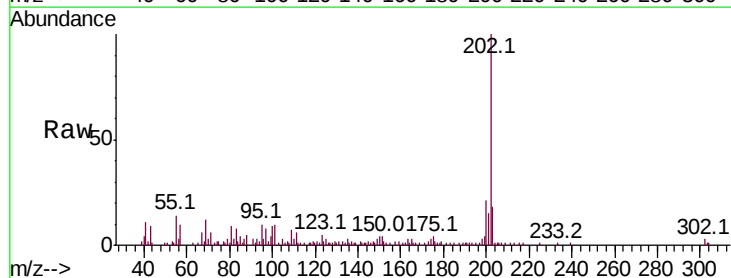
Manual Integrations
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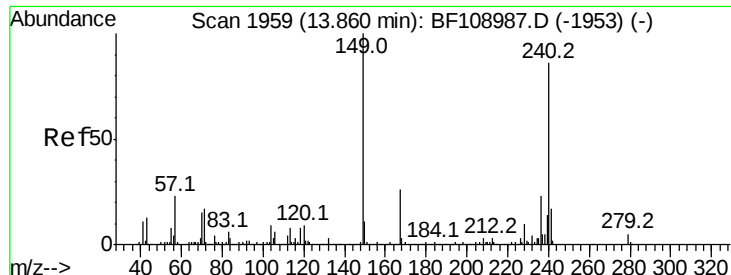
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#74
Fluoranthene
Concen: 2.209 ng
RT: 12.44 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.5	0.0	38.1





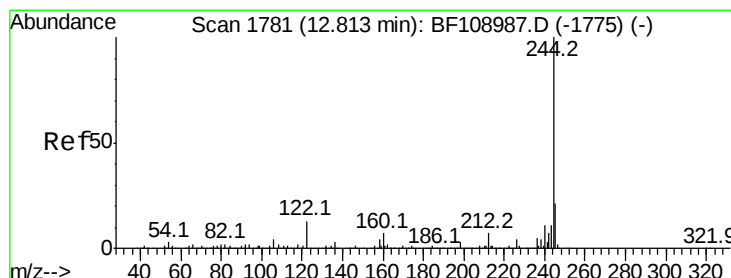
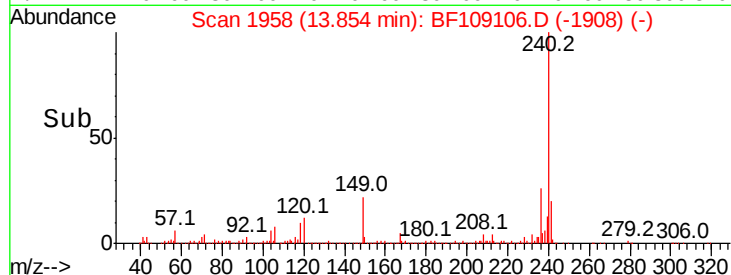
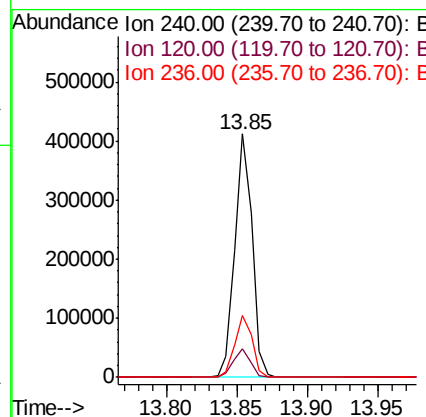
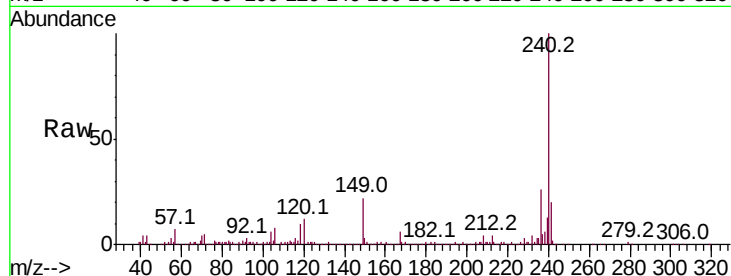
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BF109106.D
 Acq: 18 Sep 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 2015-161-20-RB36584RT-RB47184R

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.5	20.7	31.1

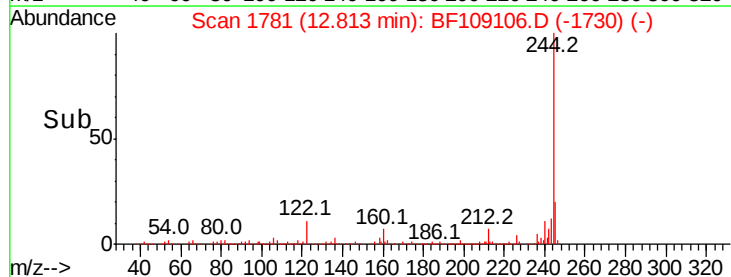
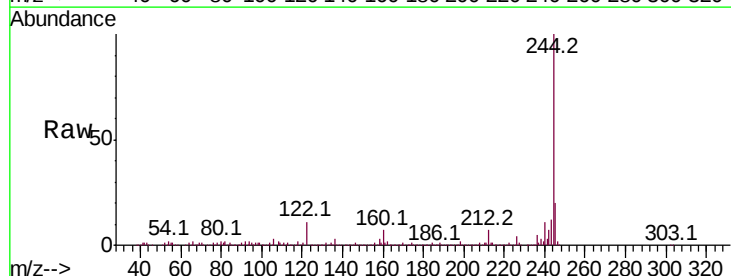
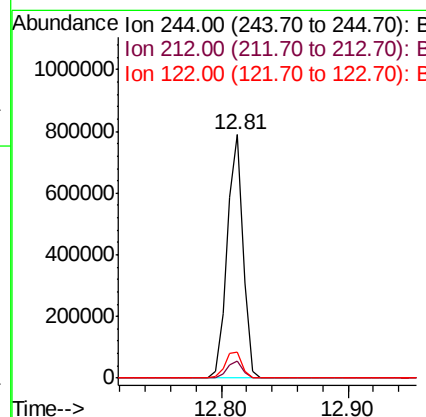
Manual Integrations
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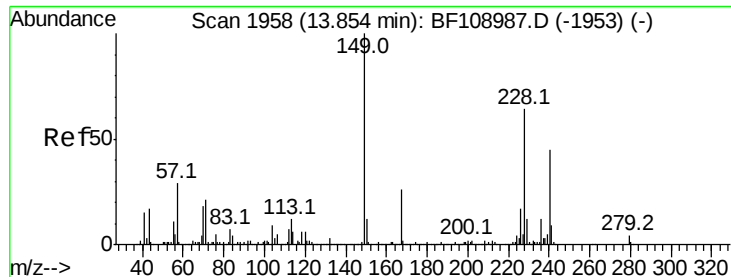
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#78
 Terphenyl-d14
 Concen: 46.356 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF109106.D
 Acq: 18 Sep 2018 20:02

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.7	11.0	16.4





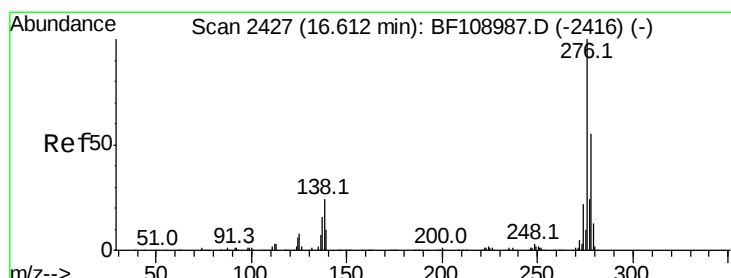
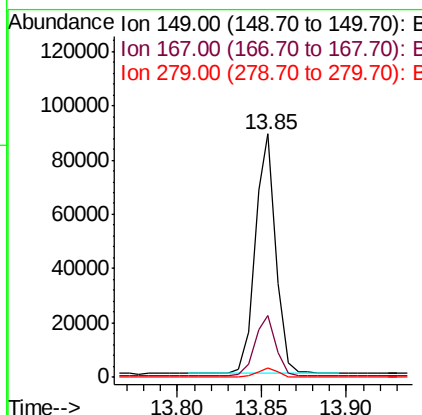
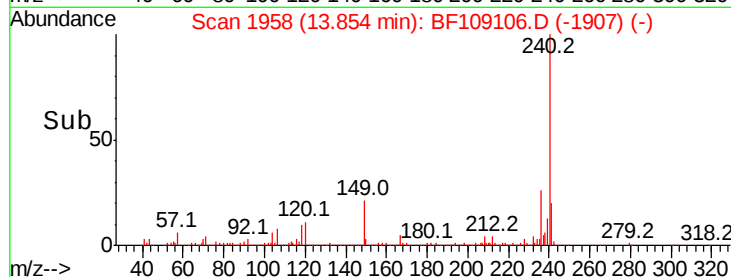
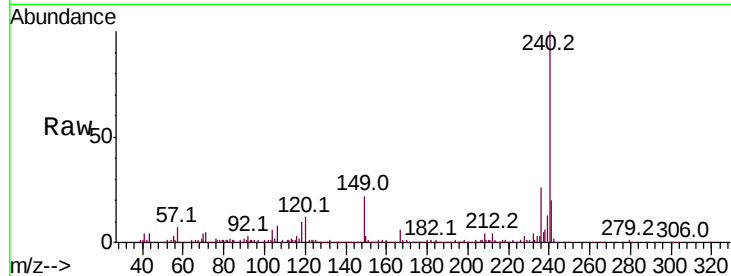
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.319 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BF109106.D
 Acq: 18 Sep 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 2015-161-20-RB36584RT-RB47184R

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	4.1	3.0	4.4

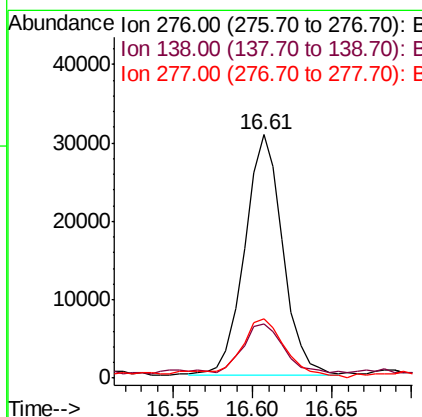
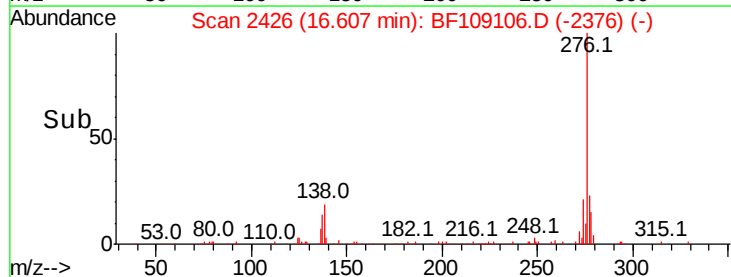
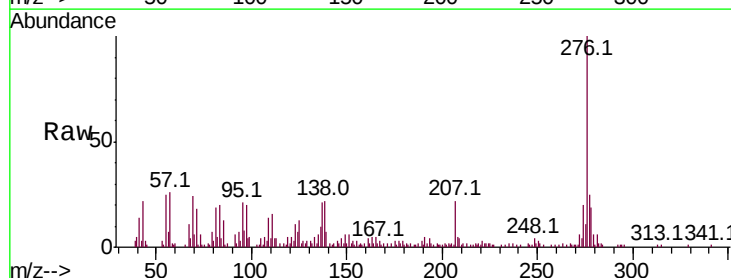
Manual Integrations
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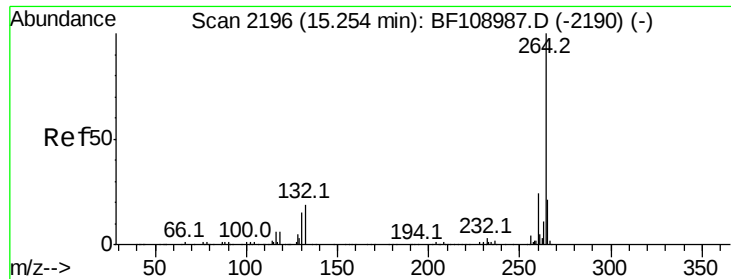
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.965 ng m
 RT: 16.61 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BF109106.D
 Acq: 18 Sep 2018 20:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.8	25.0	37.6#
277	6.1	20.1	30.1#





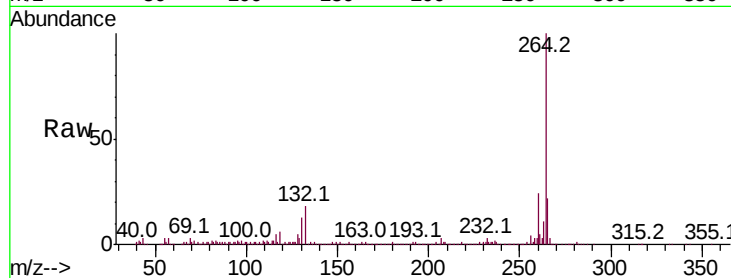
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Instrument :
BNA_F
ClientSampleId :
2015-161-20-RB36584RT-RB47184R

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3

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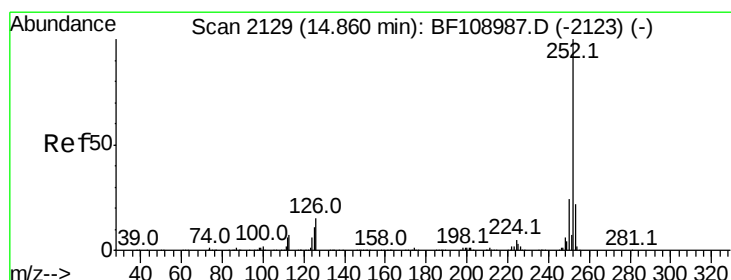
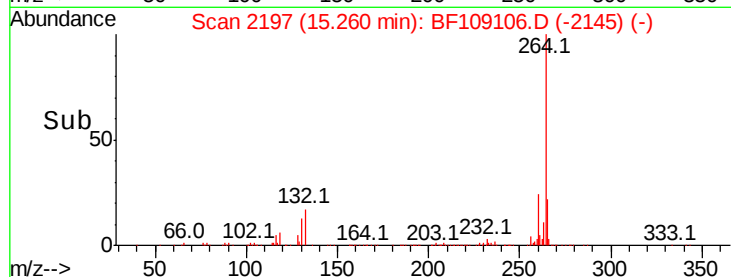
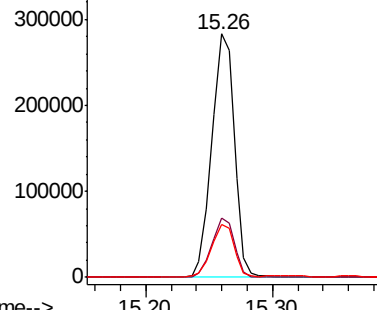


Abundance

Ion 264.00 (263.70 to 264.70): E

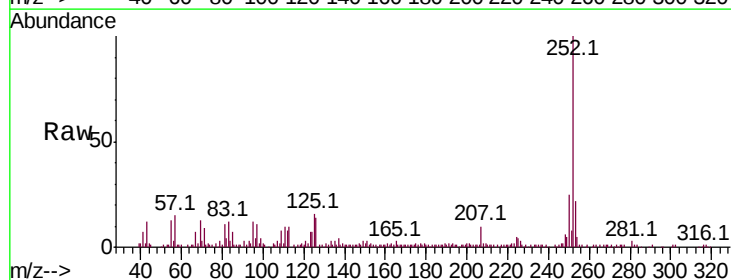
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 5.019 ng m
RT: 14.86 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	16.2	9.0	13.6#

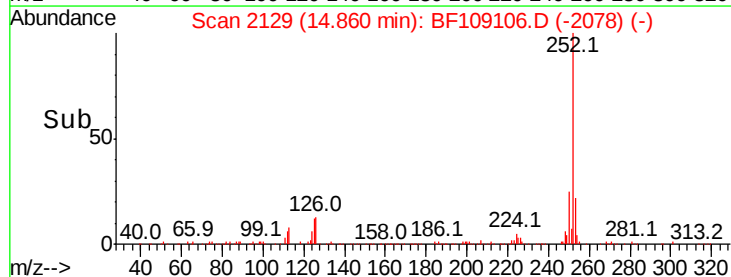
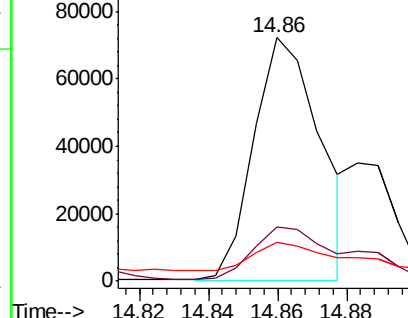


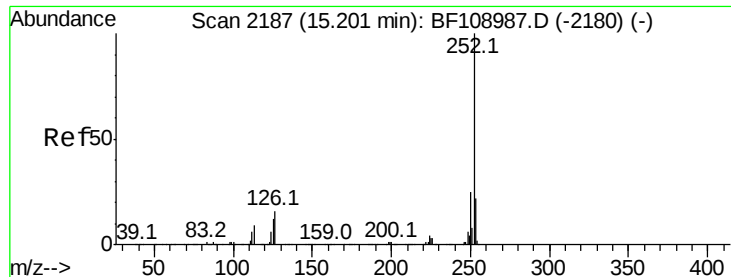
Abundance

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





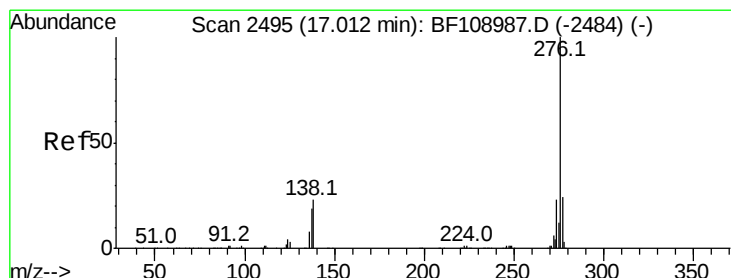
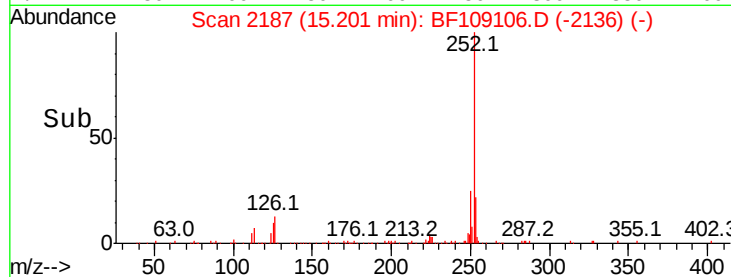
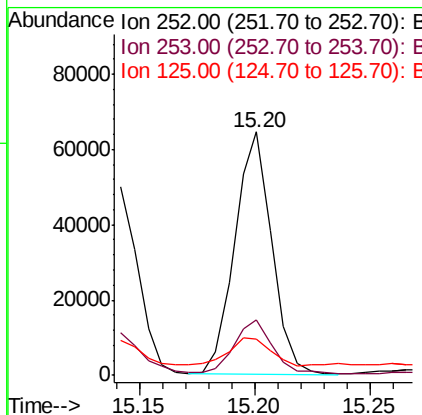
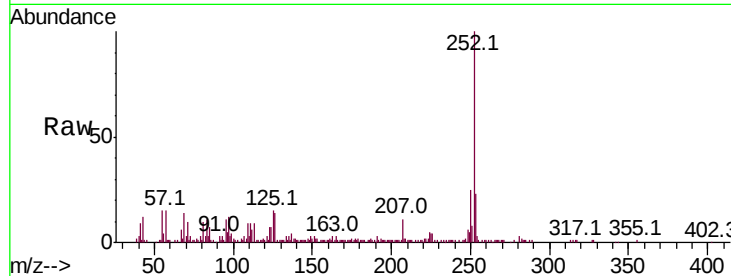
#89
Benzo(a)pyrene
Concen: 4.204 ng
RT: 15.20 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Instrument :
BNA_F
ClientSampleId :
2015-161-20-RB36584RT-RB47184R

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	15.1	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 3.425 ng
RT: 17.01 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BF109106.D
Acq: 18 Sep 2018 20:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	23.5	21.8	32.8

