

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112093.D
 Acq On : 17 Jan 2019 16:59
 Operator : JU/SJ
 Sample : K1156-08 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Manual Integrations
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 1/18/2019 11:45:54 AM

Quant Time: Jan 18 00:44:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	306193	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1135181	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	488083	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	789094	20.00	ng	0.00
76) Chrysene-d12	14.03	240	690394	20.00	ng	0.00
87) Perylene-d12	15.51	264	551134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	769586	45.62	ng	0.00
7) Phenol-d6	6.50	99	968864	45.90	ng	0.00
23) Nitrobenzene-d5	7.42	82	543047	33.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	192930	36.64	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1107657	33.27	ng	0.00
79) Terphenyl-d14	12.97	244	916492	28.24	ng	0.00
Target Compounds						
31) Naphthalene	8.16	128	125789	2.436	ng	99
50) Dimethylphthalate	9.60	163	78859	2.215	ng	99
58) Fluorene	10.45	166	88357	2.742	ng	96
71) Phenanthrene	11.41	178	807887	20.344	ng	98
72) Anthracene	11.46	178	201158	5.000	ng	98
75) Fluoranthene	12.60	202	1158694	27.635	ng	98
78) Pyrene	12.83	202	1081094	23.735	ng	98
80) Butylbenzylphthalate	13.44	149	53745	2.690	ng	92
81) Benzo(a)anthracene	14.02	228	554822	14.016	ng	96
83) Chrysene	14.06	228	510181	13.621	ng	96
86) Indeno(1,2,3-cd)pyrene	16.99	276	204307	5.912	ng	94
88) Benzo(b)fluoranthene	15.07	252	556752m	17.796	ng	
89) Benzo(k)fluoranthene	15.10	252	186447m	6.158	ng	
90) Benzo(a)pyrene	15.44	252	378796	13.203	ng	# 96
91) Dibenzo(a,h)anthracene	16.99	278	53425	2.097	ng	# 77
92) Benzo(g,h,i)perylene	17.44	276	187673	7.476	ng	98

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

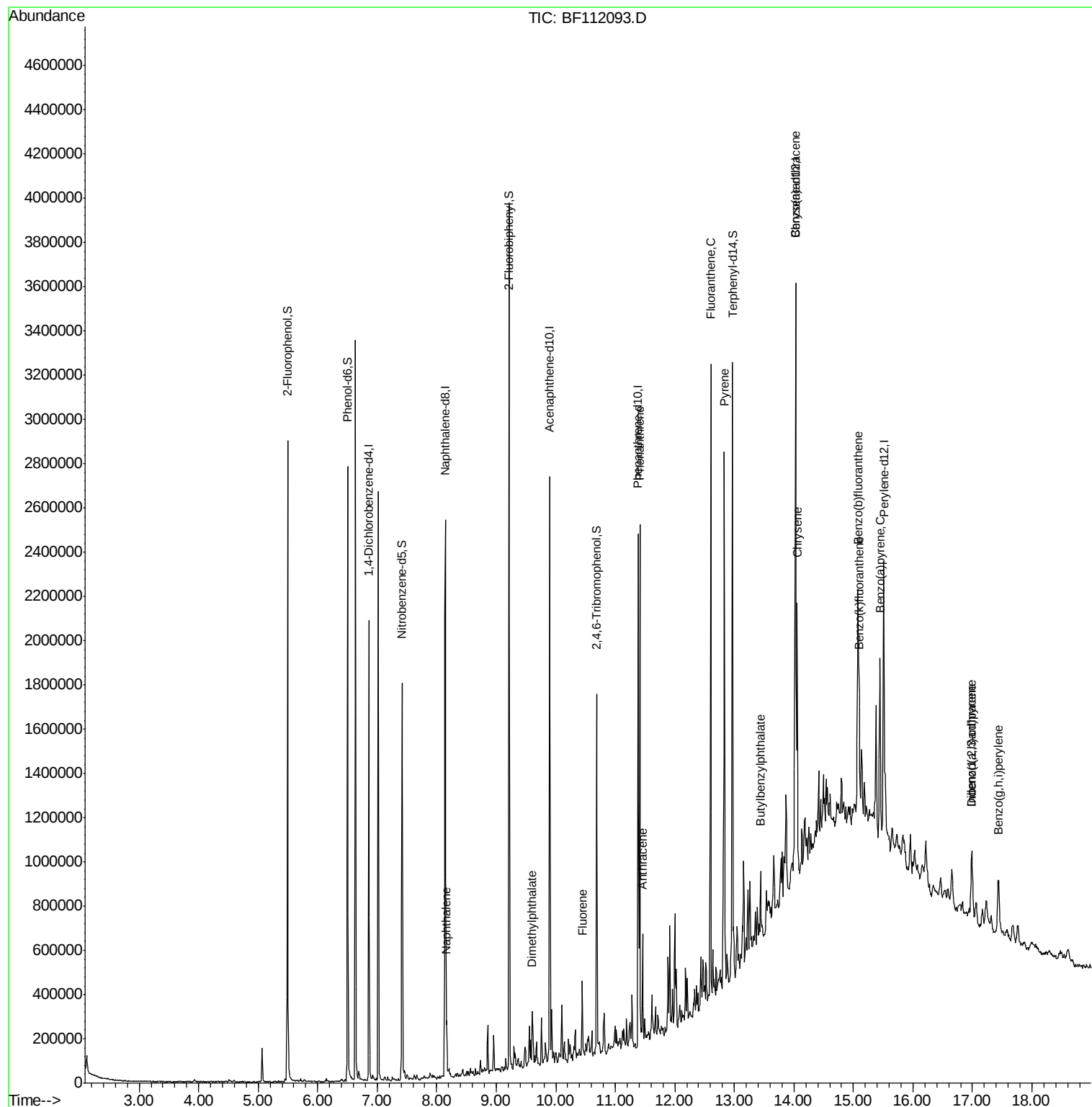
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
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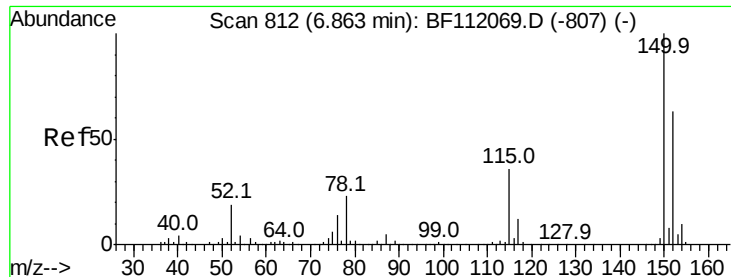
Instrument :
BNA_F
ClientSampled :
COMP-5

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

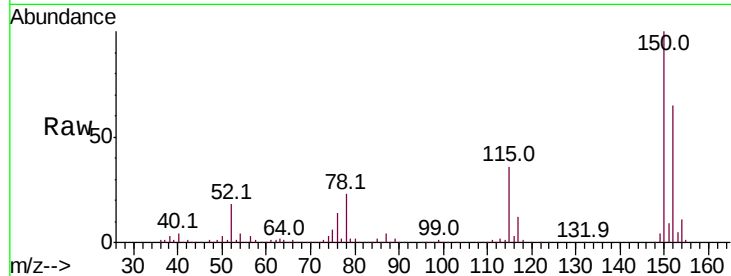
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.4	191.0
115	55.6	45.5	68.3

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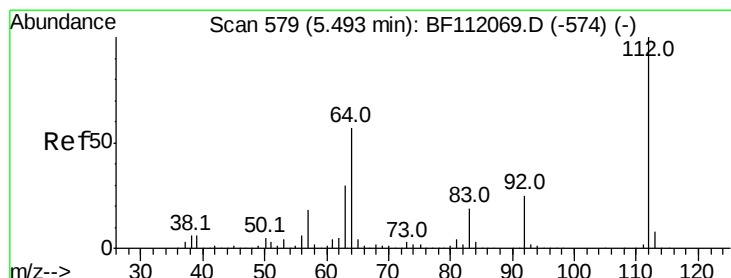
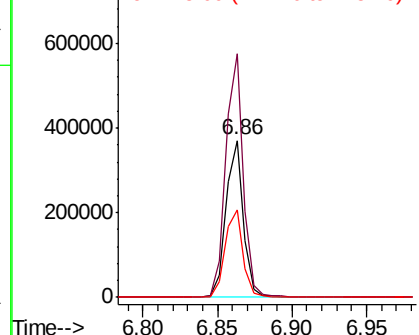
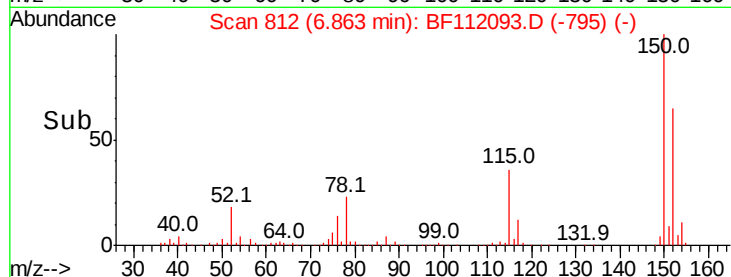


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

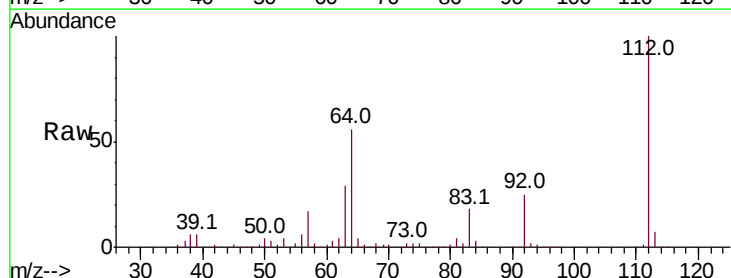
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.619 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.7	68.5
63	29.0	23.6	35.4

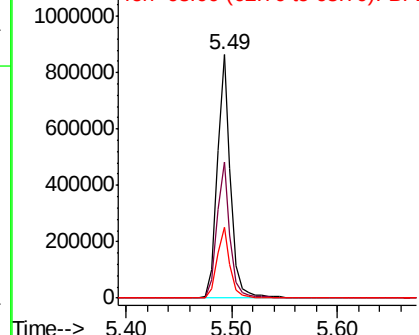
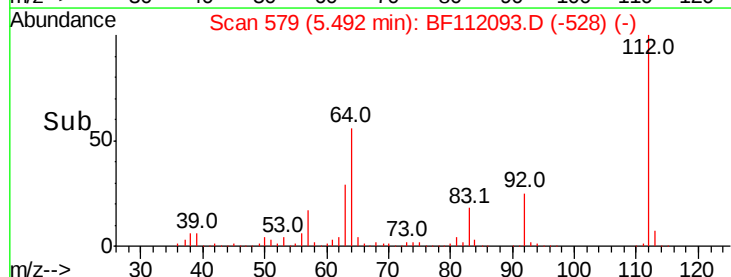


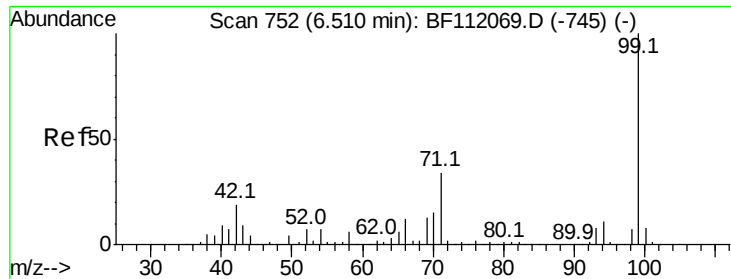
Abundance

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: 45.903 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

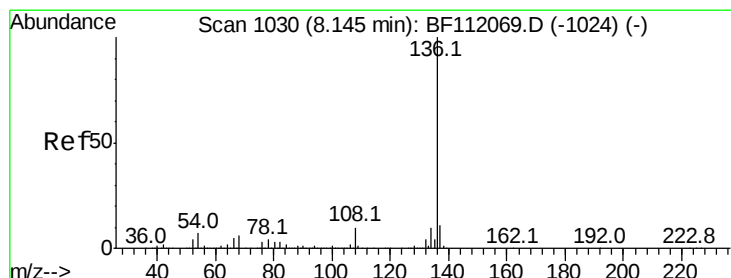
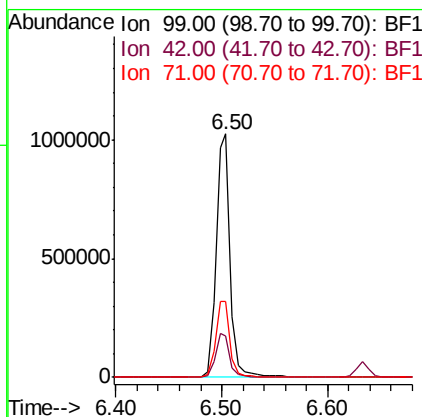
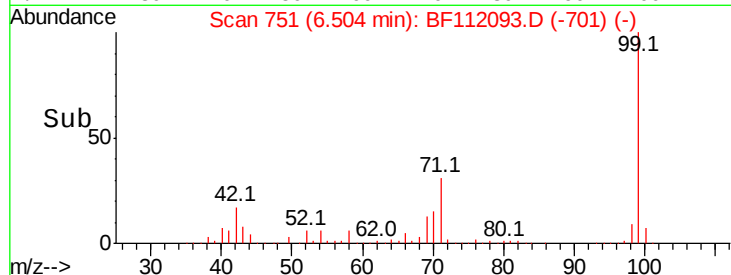
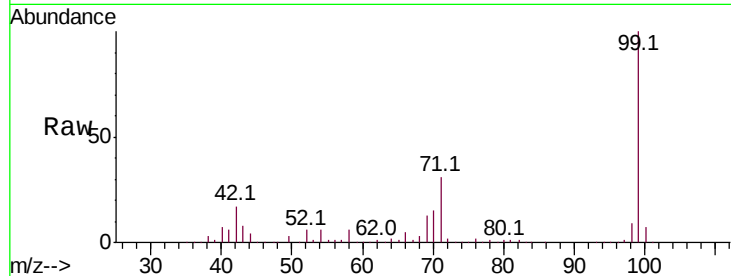
ClientSampled :

COMP-5

Tot Ion:	99	Resp:	968864
Ion Ratio	Lower	Upper	
99	100		
42	17.1	15.1	22.7
71	31.1	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

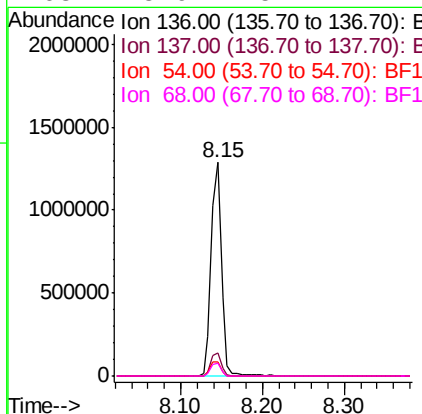
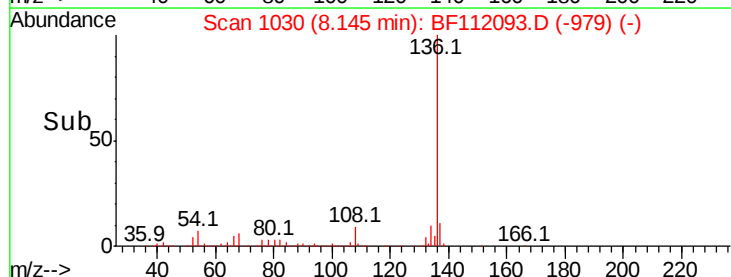
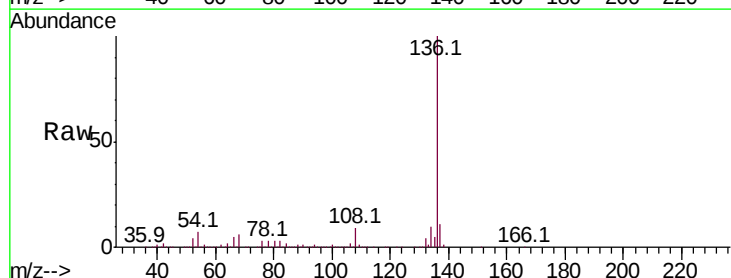
RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Tgt Ion:	136	Resp:	1135181
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	6.9	5.9	8.9
68	5.9	5.1	7.7





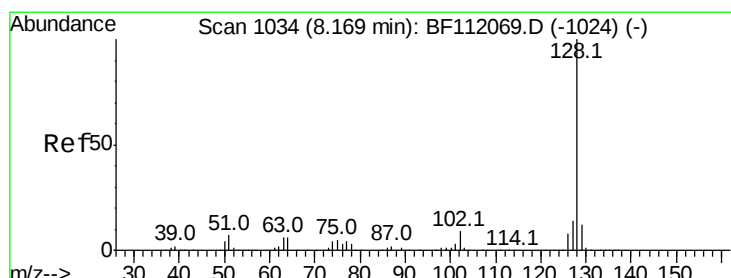
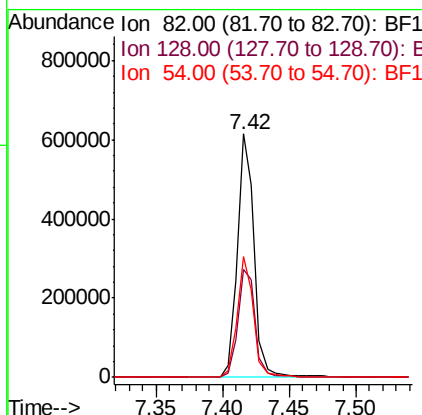
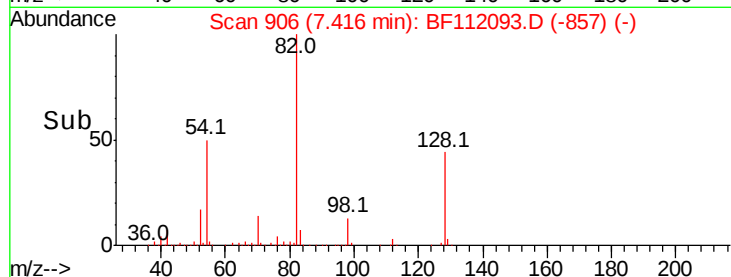
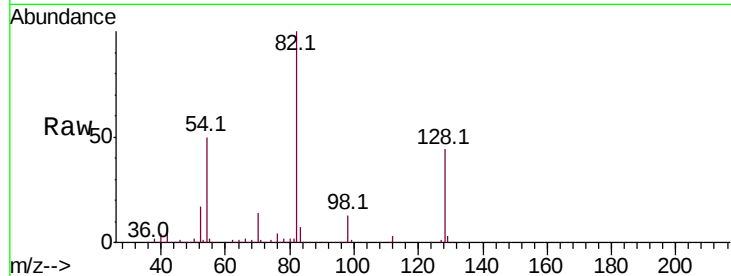
#23
Nitrobenzene-d5
Concen: 33.051 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampled :
COMP-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.8	56.8
54	49.8	39.7	59.5

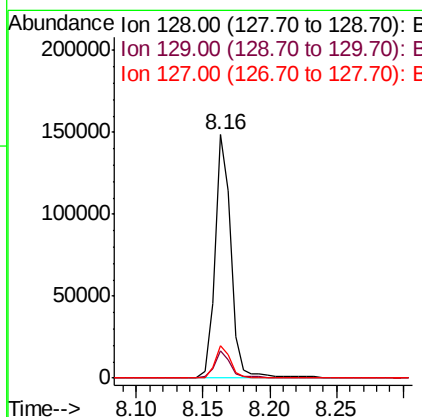
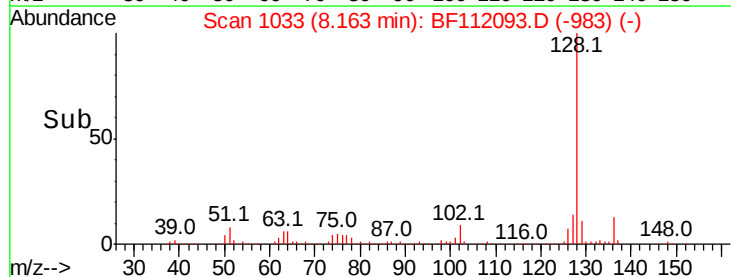
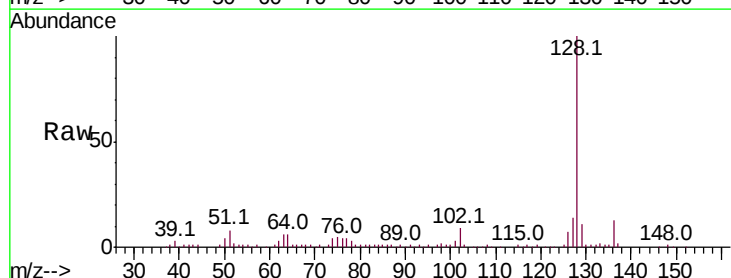
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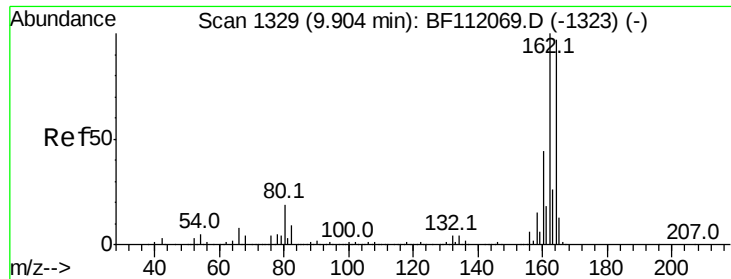
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#31
Naphthalene
Concen: 2.436 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.5	11.1	16.7





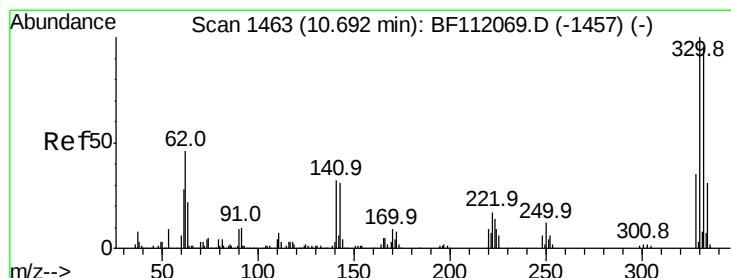
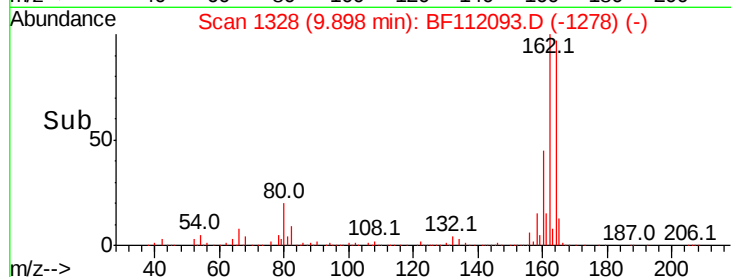
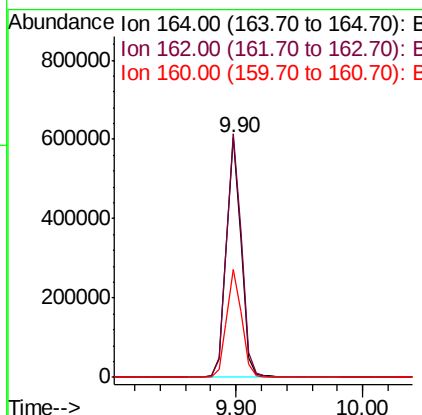
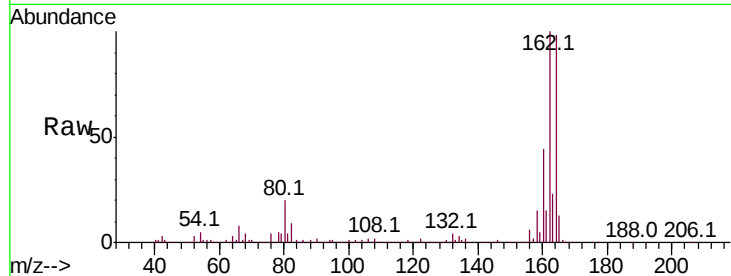
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	82.2	123.4	
160	45.2	36.2	54.4	

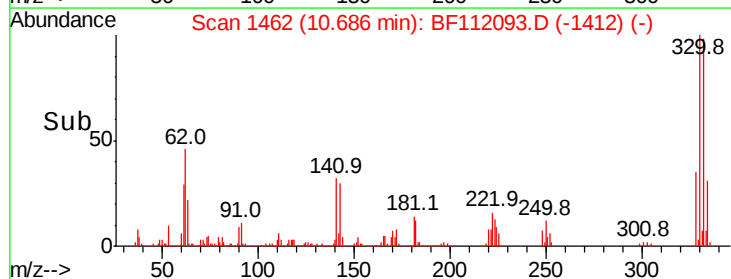
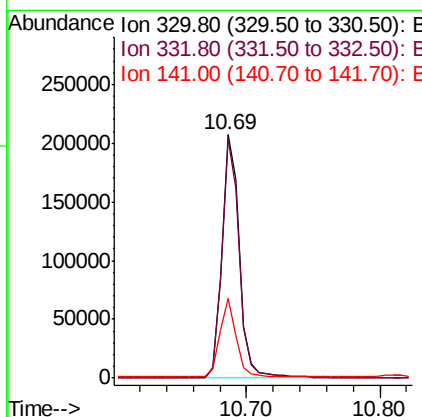
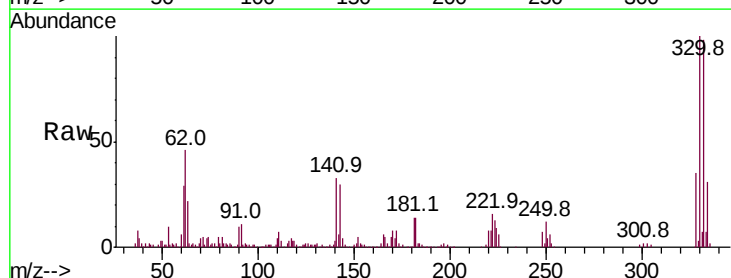
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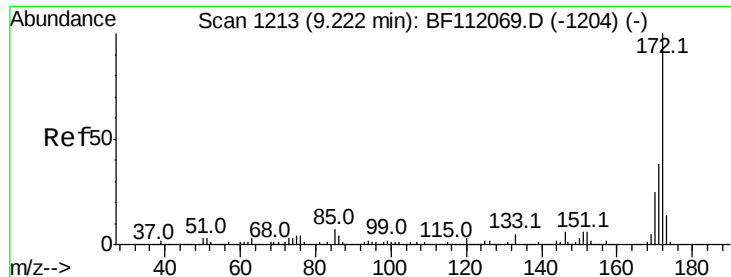
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#42
2,4,6-Tribromophenol
Concen: 36.641 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	76.6	114.8	
141	30.7	24.3	36.5	





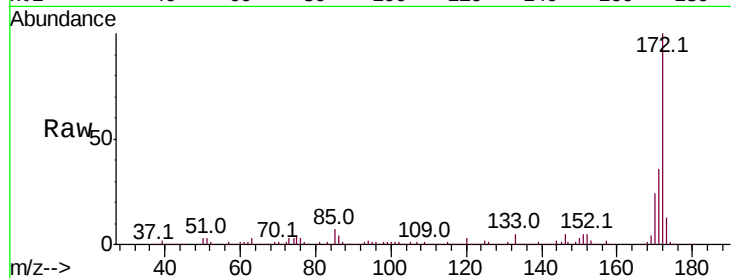
#45
2-Fluorobiphenyl
Concen: 33.272 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.5	20.2	30.4

Manual Integrations
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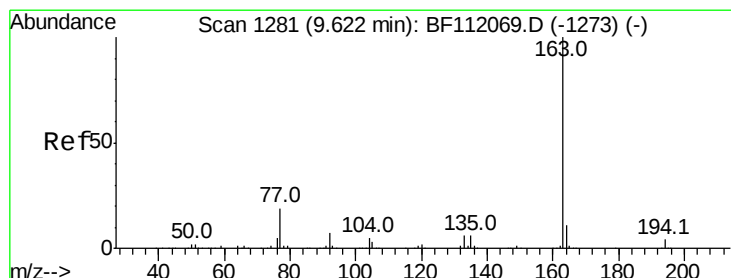
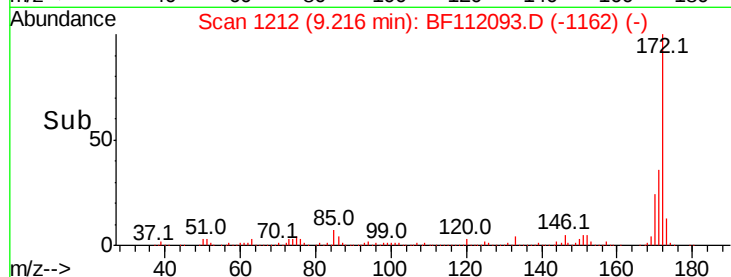
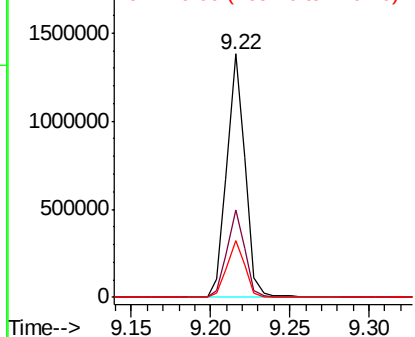


Abundance

Ion 172.00 (171.70 to 172.70): E

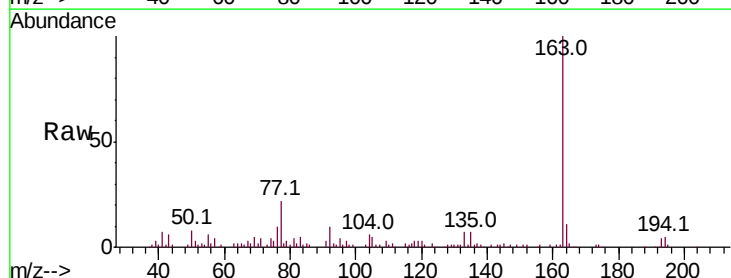
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 2.215 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	10.8	8.5	12.7

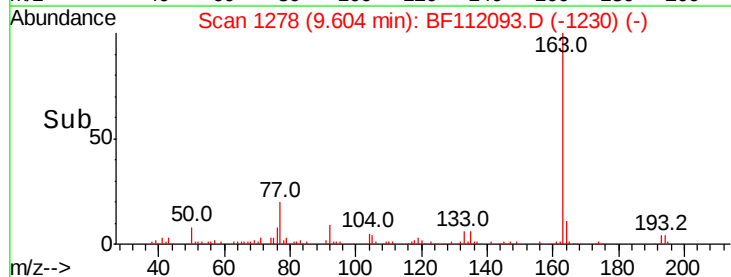
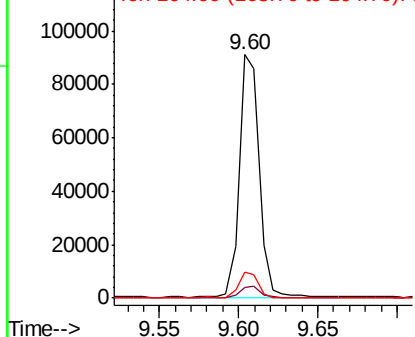


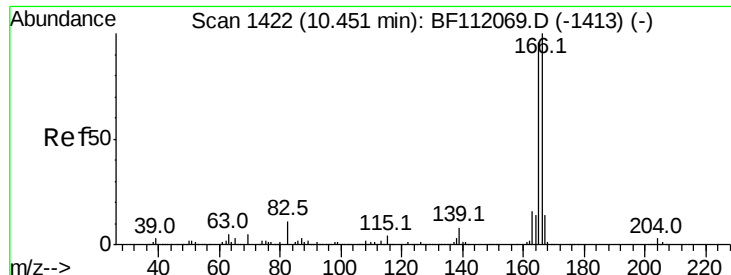
Abundance

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





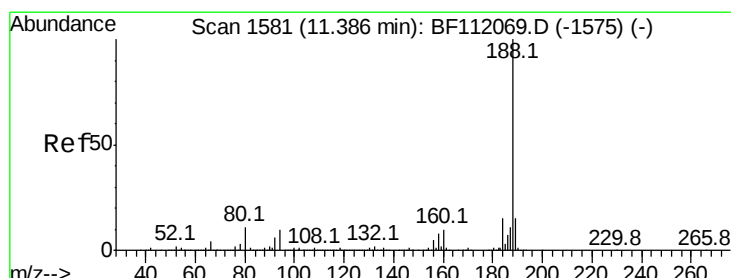
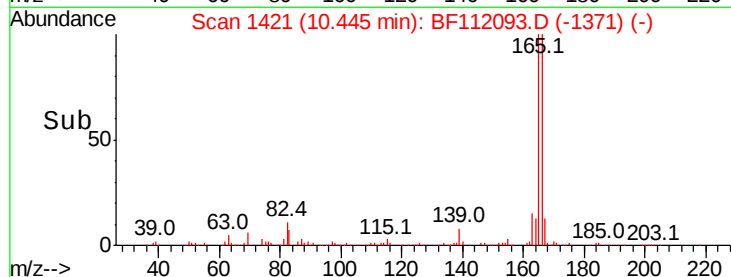
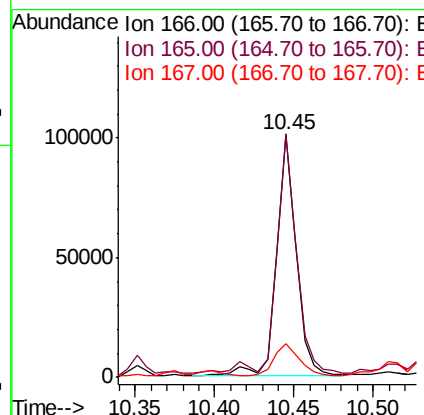
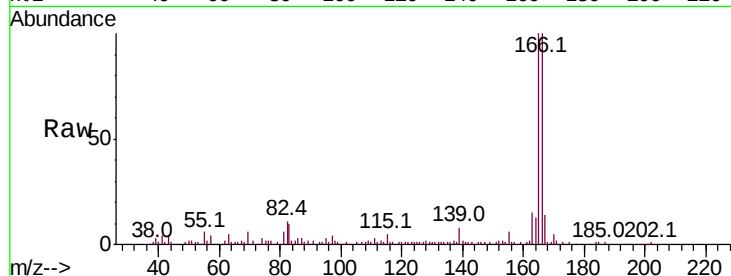
#58
 Fluorene
 Concen: 2.742 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF112093.D
 Acq: 17 Jan 2019 16:59

Instrument :
 BNA_F
 ClientSampleID :
 COMP-5

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.1	115.7
167	13.8	11.3	16.9

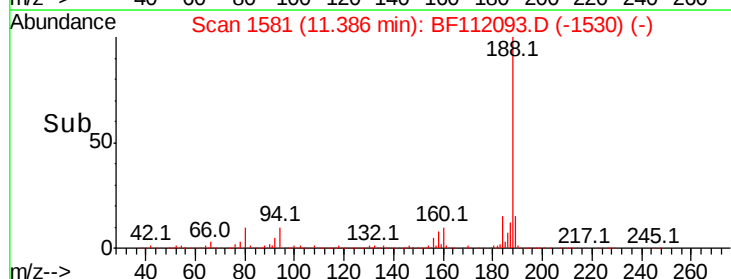
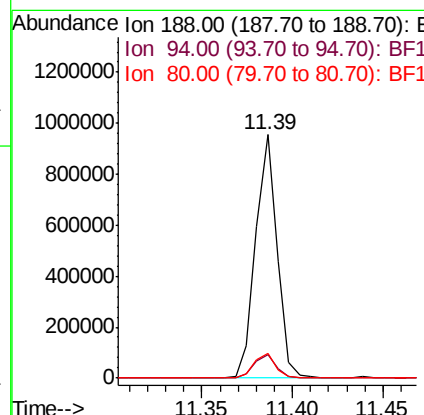
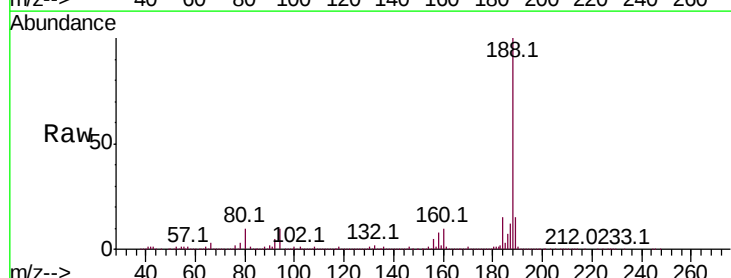
Manual Integrations
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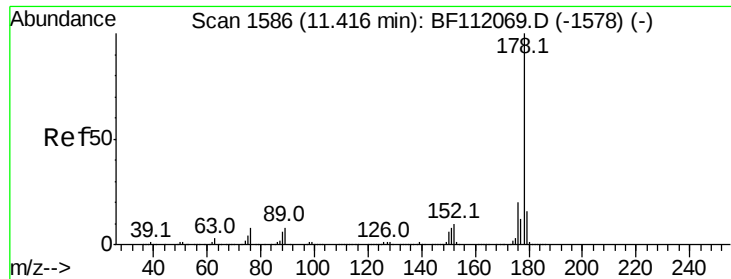
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF112093.D
 Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	10.0	8.9	13.3





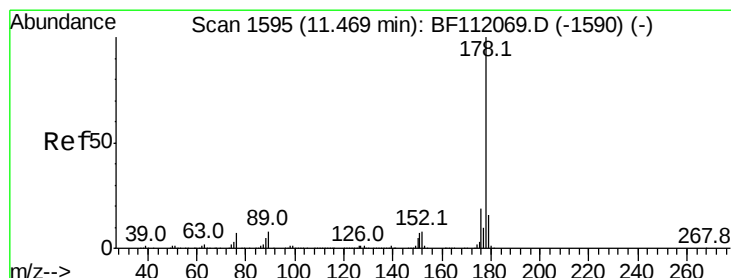
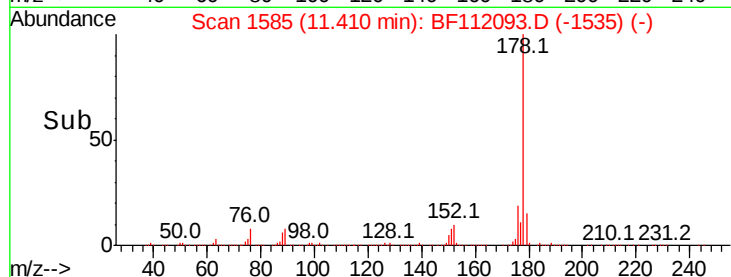
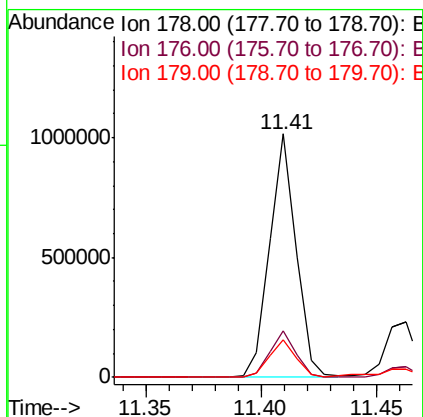
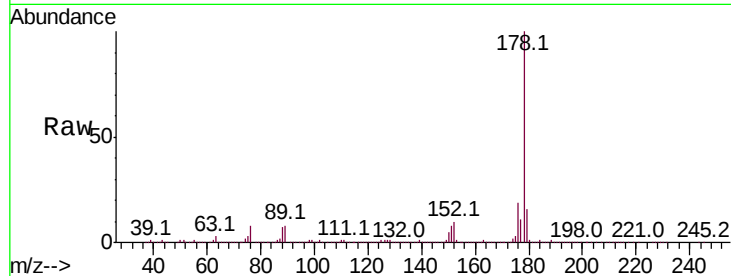
#71
Phenanthrene
Concen: 20.344 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampled :
COMP-5

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.0	16.3	24.5	
179	15.5	13.0	19.4	

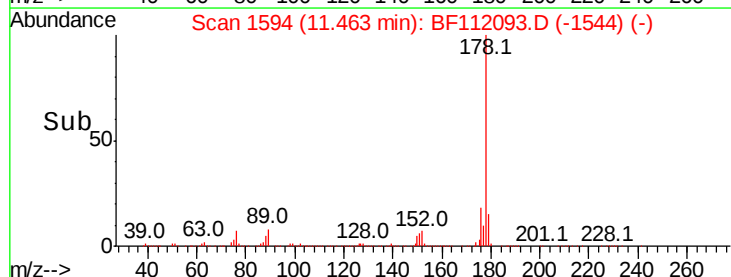
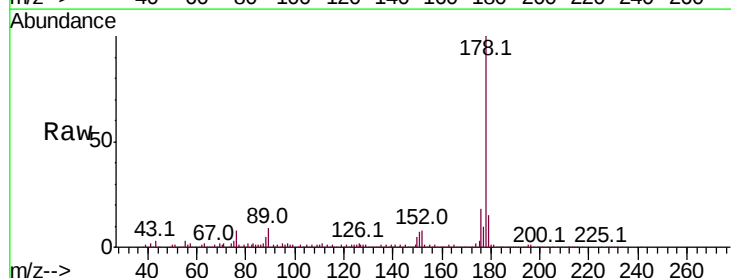
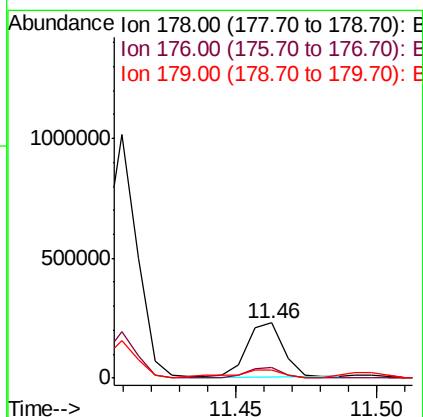
Manual Integrations
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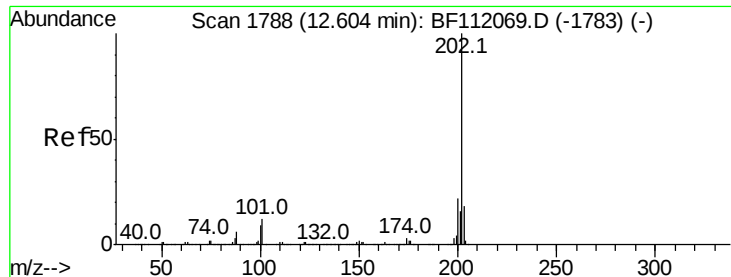
Sohil
1/18/2019 11:45:54 AM



#72
Anthracene
Concen: 5.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.3	15.5	23.3	
179	15.4	12.8	19.2	





#75

Fluoranthene

Concen: 27.635 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

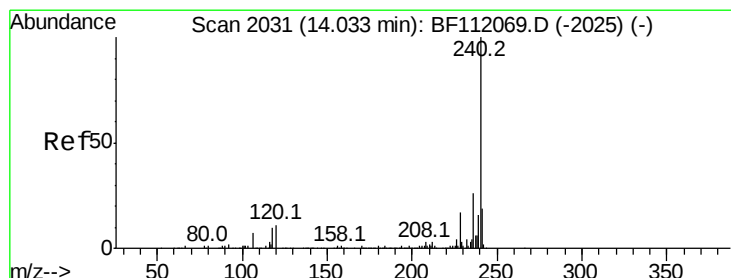
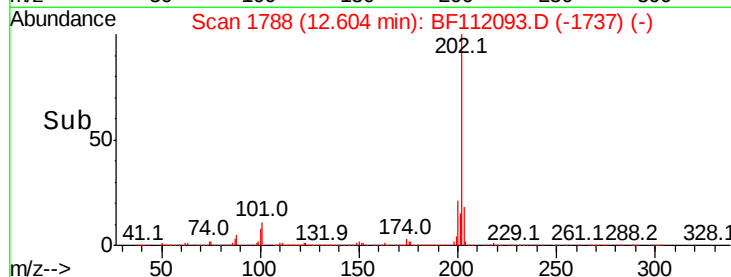
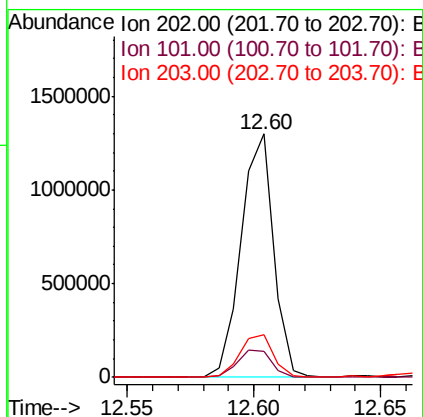
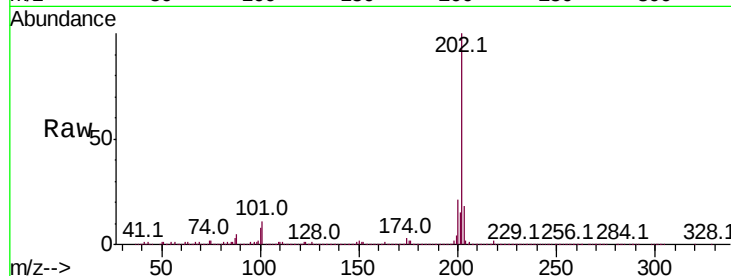
ClientSampleId :

COMP-5

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.8
203	17.7	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

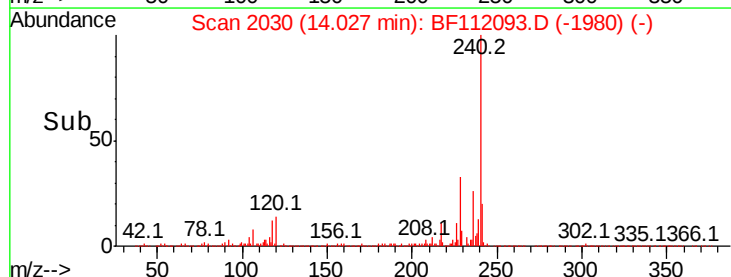
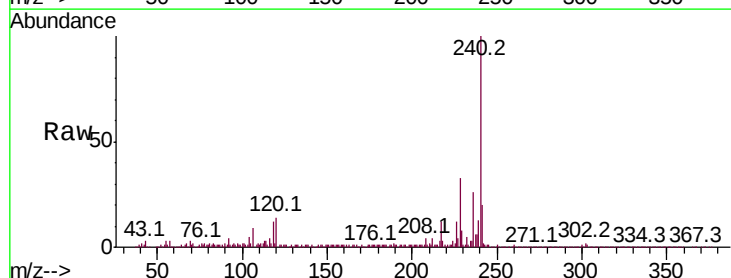
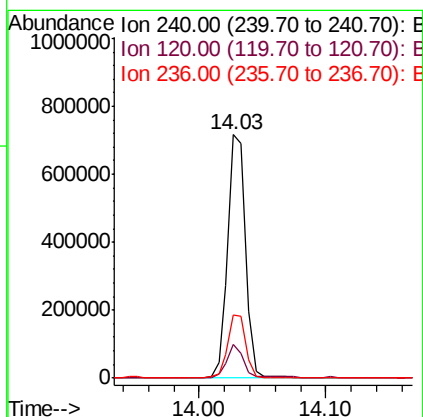
RT: 14.03 min Scan# 2030

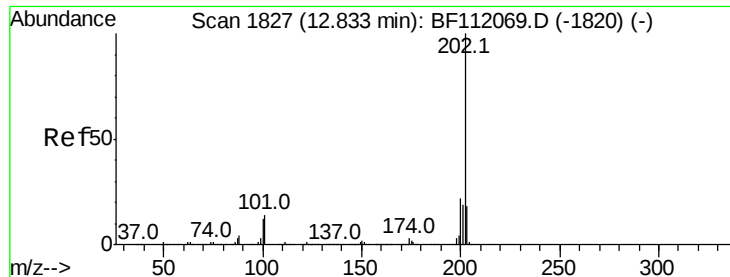
Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.0	13.6#
236	25.8	20.7	31.1





#78

Pvrene

Concen: 23.735 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

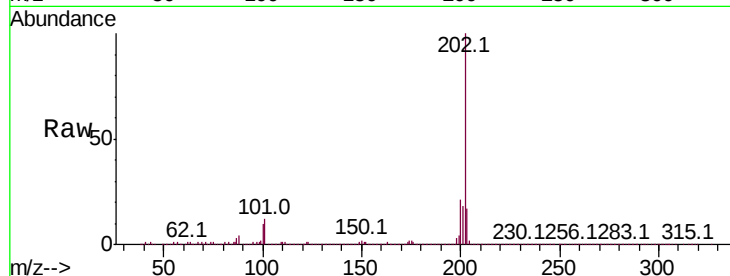
ClientSampled :

COMP-5

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	17.5	14.6	22.0

Manual Integrations
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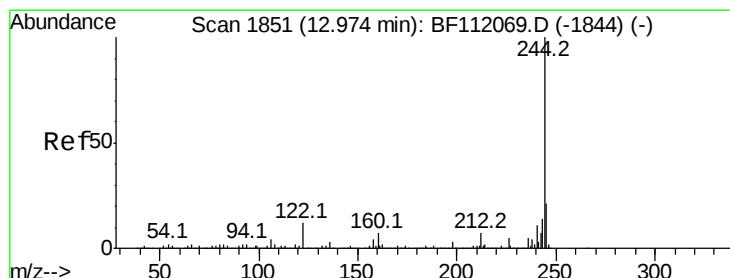
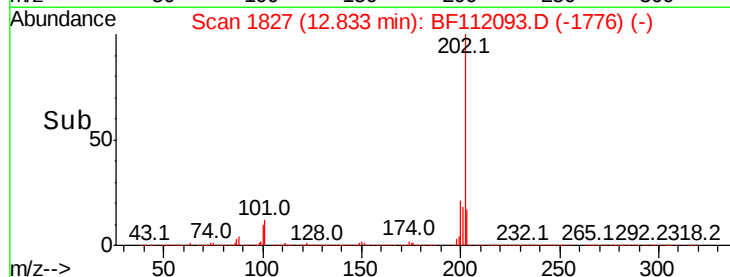
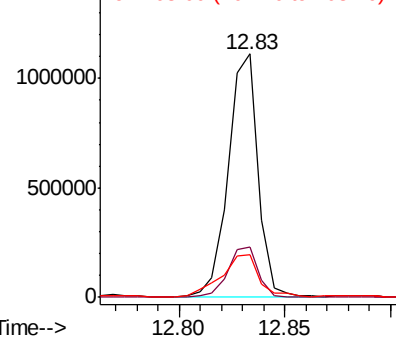


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 28.241 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

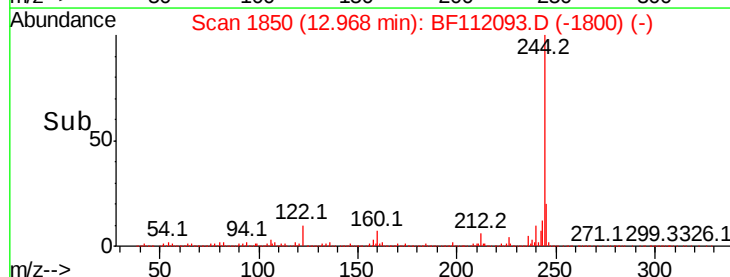
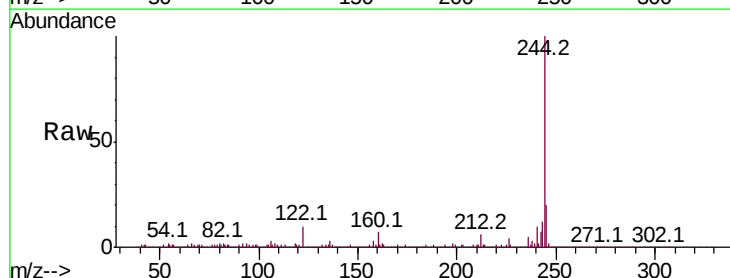
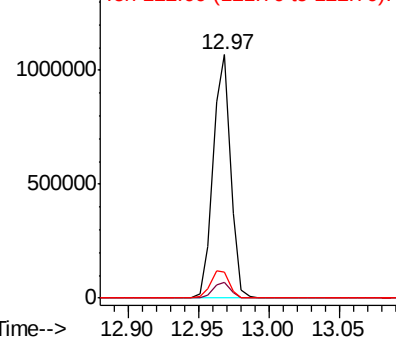
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	10.4	9.8	14.6

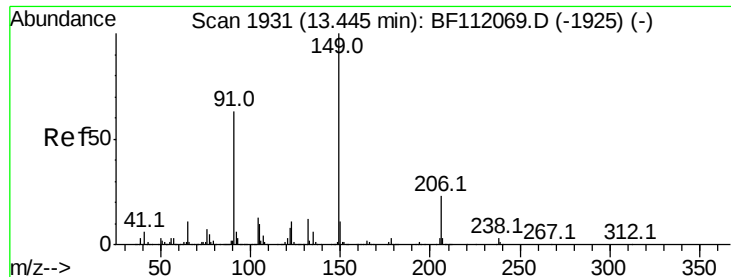
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





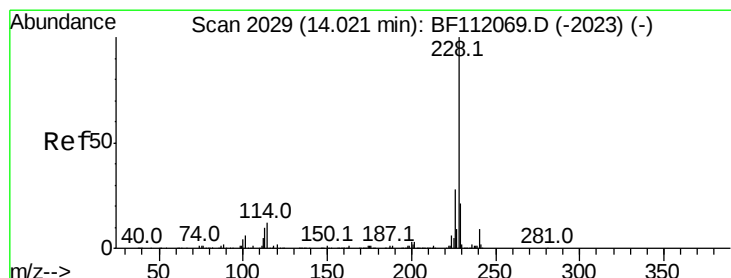
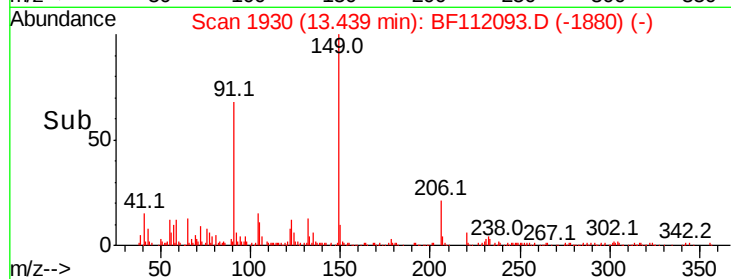
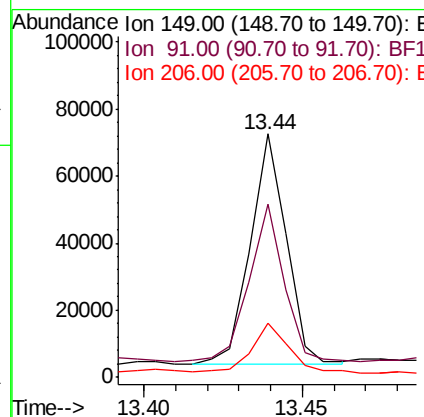
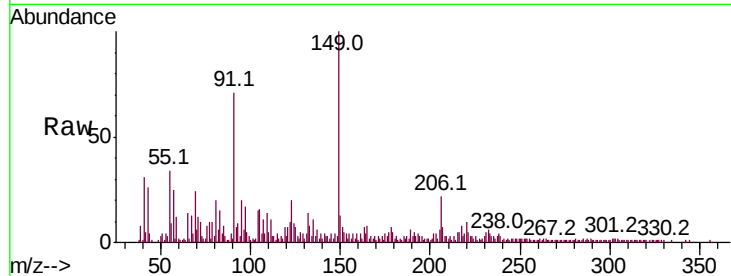
#80
Butylbenzylphthalate
Concen: 2.690 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	50.3	75.5
206	22.3	18.2	27.4

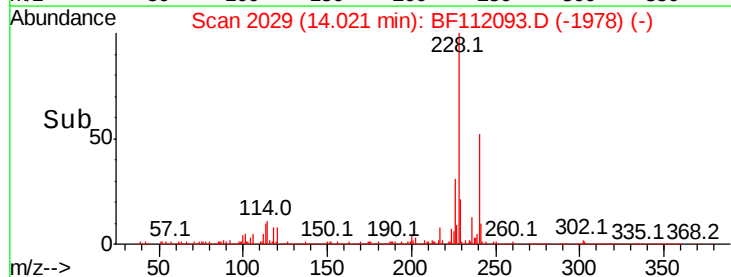
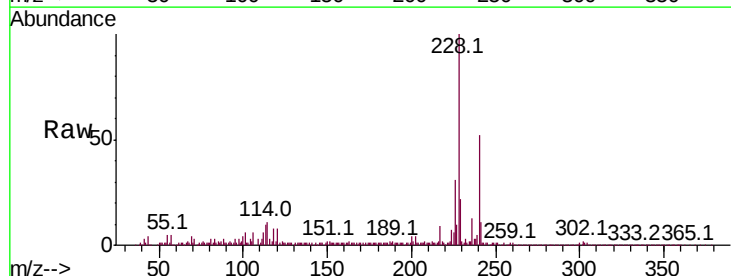
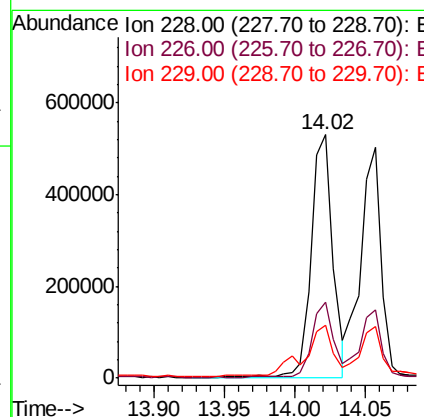
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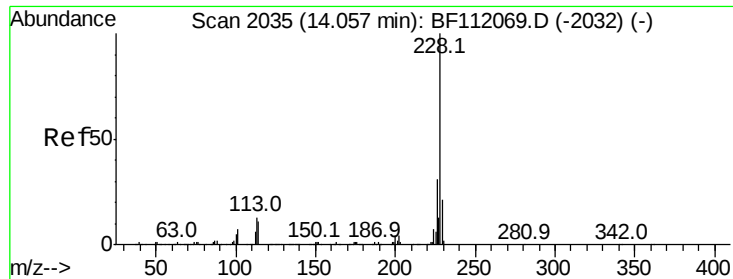
Sohil
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#81
Benzo(a)anthracene
Concen: 14.016 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	34.0
229	21.6	16.5	24.7





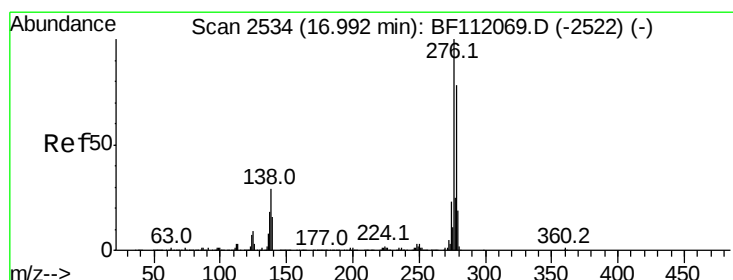
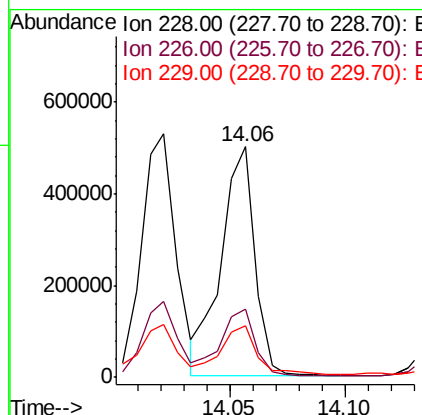
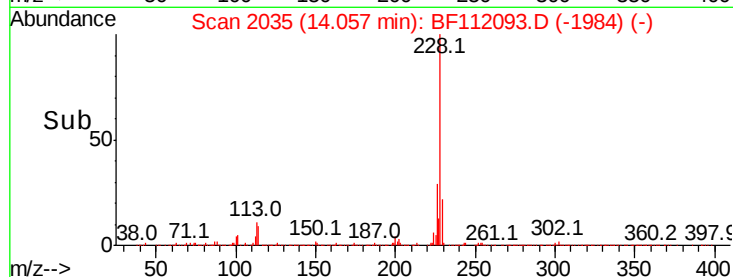
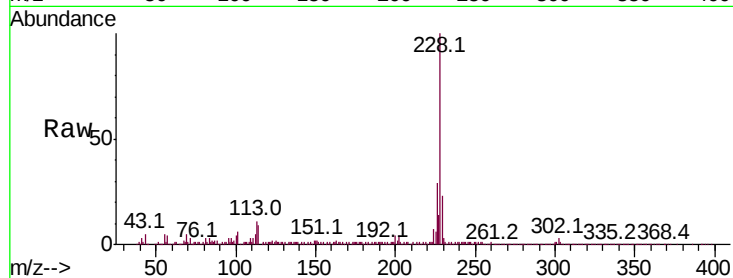
#83
Chrysene
Concen: 13.621 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	22.5	16.6	24.8

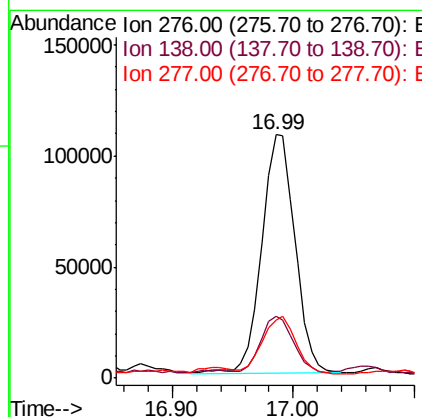
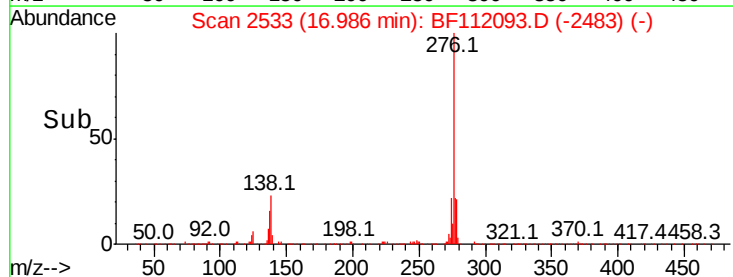
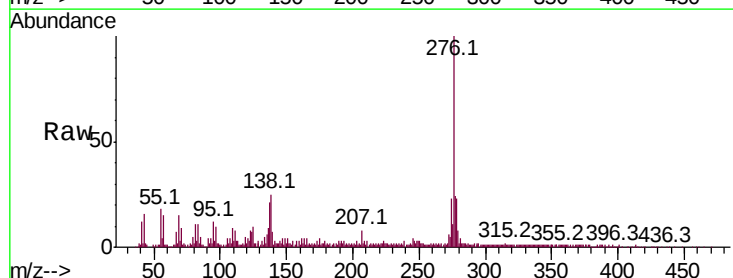
Manual Integrations
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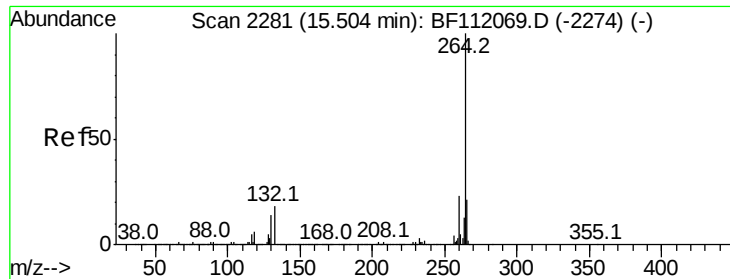
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 5.912 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	22.6	34.0
277	24.6	20.3	30.5





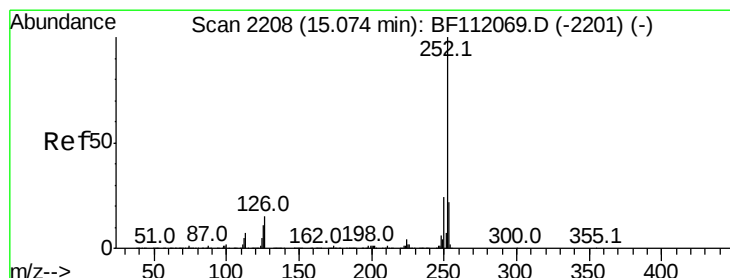
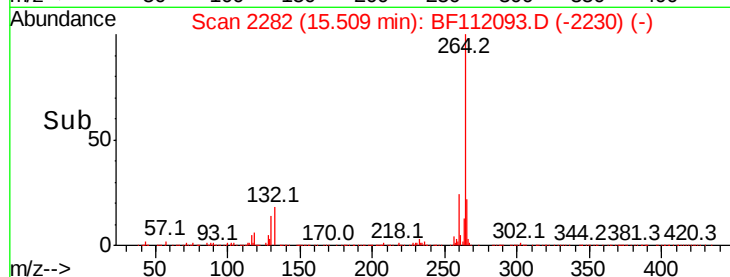
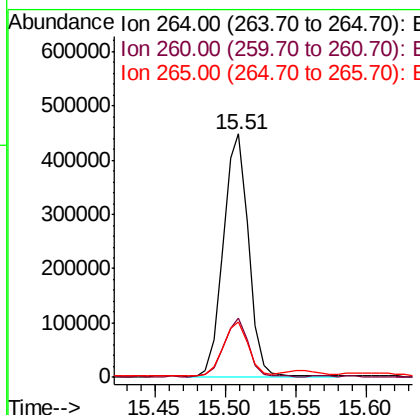
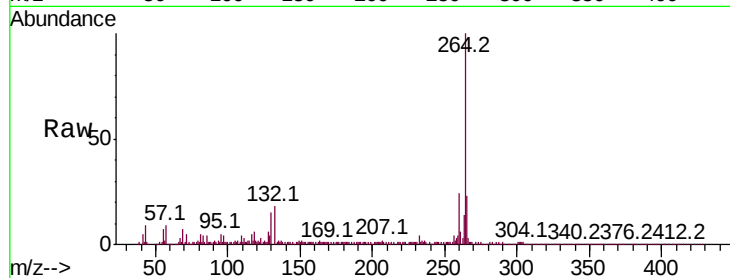
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampled :
COMP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	22.8	17.0	25.4

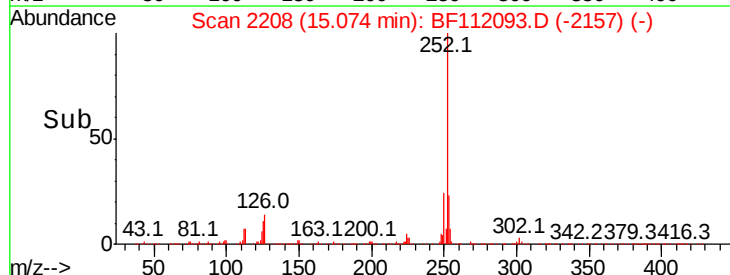
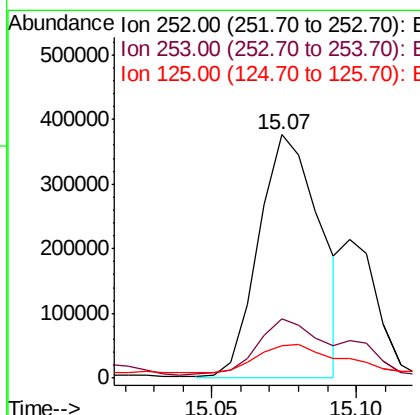
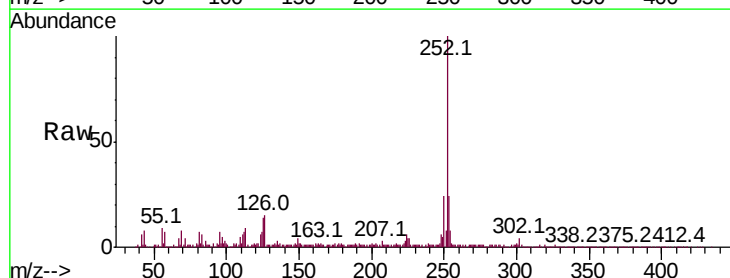
Manual Integrations
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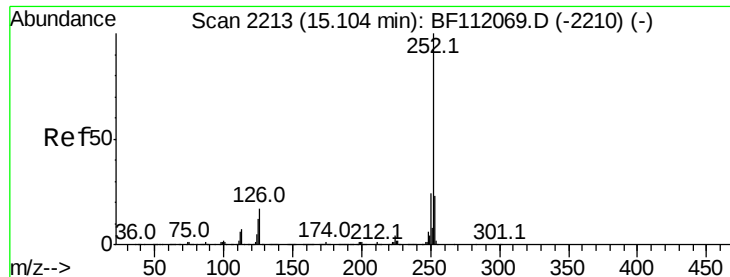
Sohil
1/18/2019 11:45:54 AM



#88
Benzo(b)fluoranthene
Concen: 17.796 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	13.6	8.7	13.1#





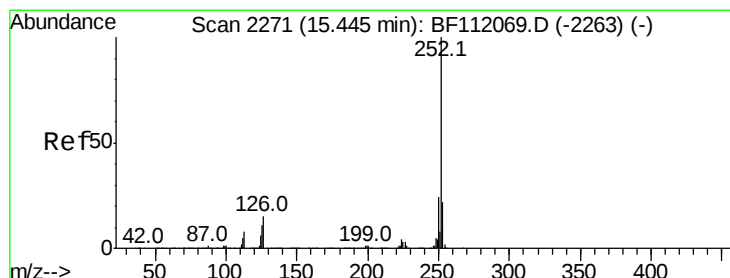
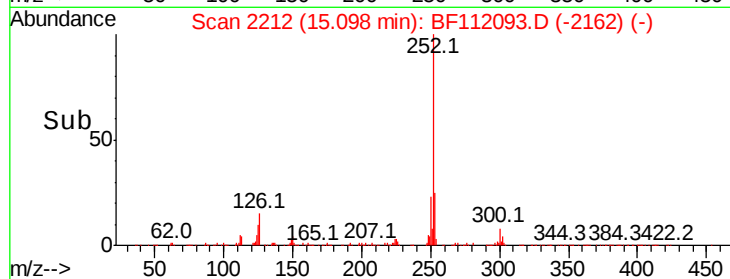
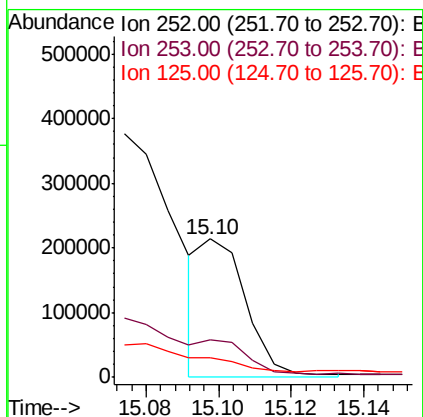
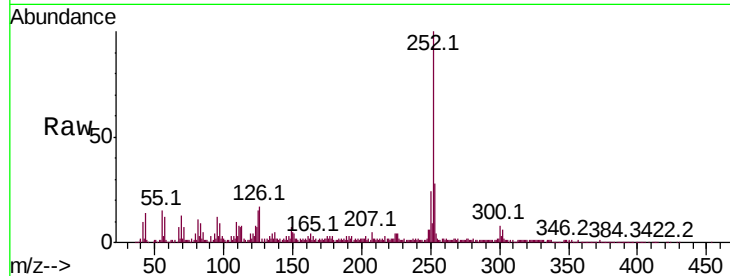
#89
Benzo(k)fluoranthene
Concen: 6.158 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampled :
COMP-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.0	27.0#
125	14.5	9.1	13.7#

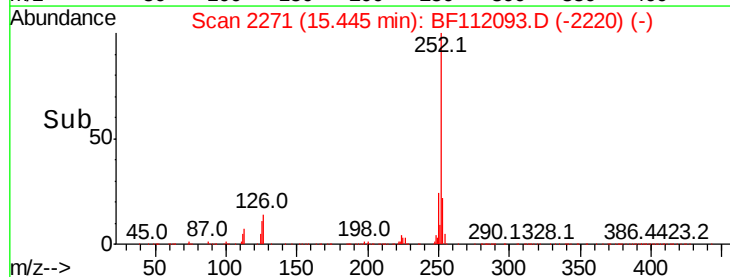
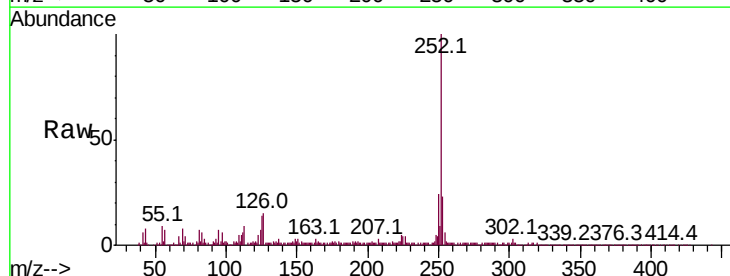
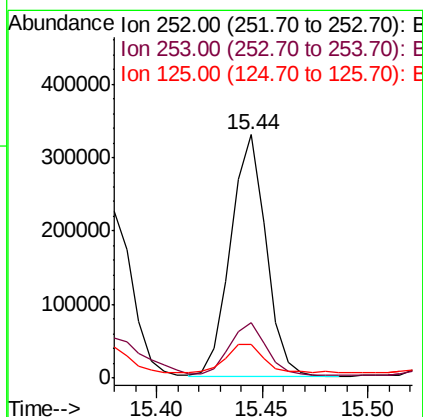
Manual Integrations
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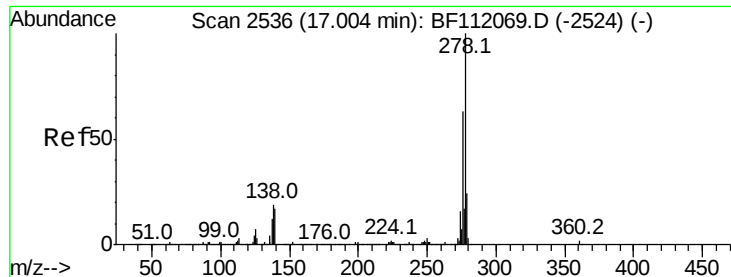
Sohil
1/18/2019 11:45:54 AM



#90
Benzo(a)pyrene
Concen: 13.203 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	13.7	9.0	13.4#





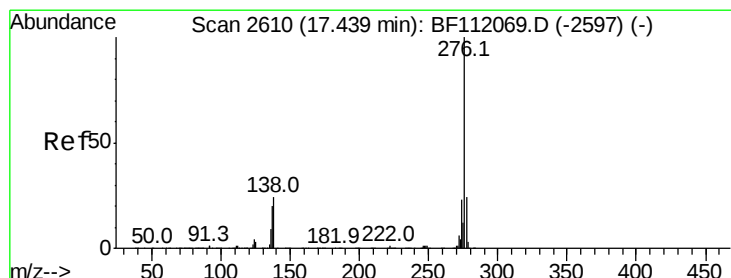
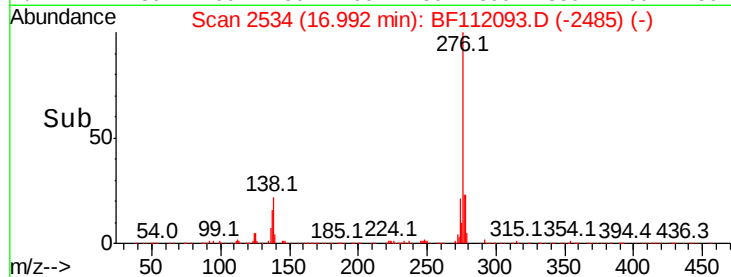
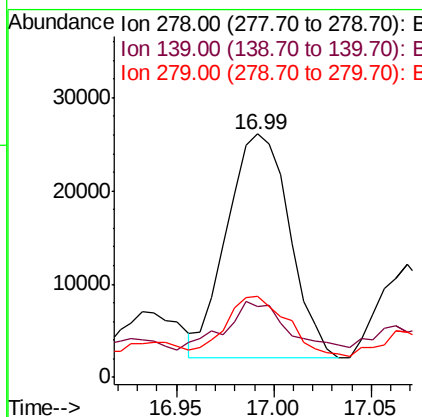
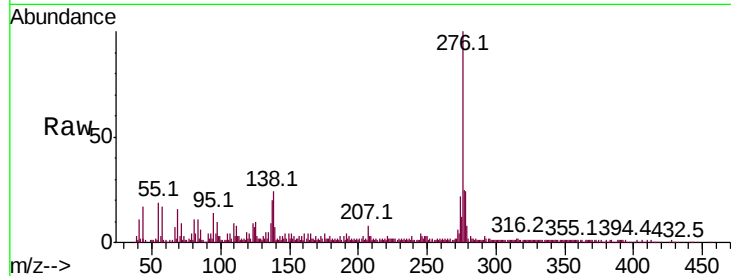
#91
Dibenzo(a,h)anthracene
Concen: 2.097 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampled :
COMP-5

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.1	13.7	20.5#
279	33.3	19.0	28.6#

Manual Integrations
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1/18/2019 11:45:54 AM



#92
Benzo(g,h,i)perylene
Concen: 7.476 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.4	29.0
138	24.4	19.1	28.7

