

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111925.D
 Acq On : 8 Jan 2019 23:28
 Operator : JU/SJ
 Sample : K1075-19 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-10

Manual Integrations
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Sohil
 1/9/2019 10:36:51 AM

Quant Time: Jan 09 01:39:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	116577	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	381512	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	194790	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	206797	20.00	ng	0.00
76) Chrysene-d12	14.06	240	140596	20.00	ng	0.00
87) Perylene-d12	15.54	264	209078	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	335699	49.27	ng	0.00
7) Phenol-d6	6.53	99	376206	42.84	ng	0.00
23) Nitrobenzene-d5	7.44	82	242797	34.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	59197	23.36	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	376983	28.22	ng	-0.01
79) Terphenyl-d14	12.99	244	251441	33.95	ng	0.00
Target Compounds						
10) Phenol	6.54	94	21602	2.263	ng	Qvalue # 75
31) Naphthalene	8.19	128	53692	2.965	ng	99
50) Dimethylphthalate	9.63	163	50693	3.464	ng	98
52) Acenaphthene	9.96	154	95270	7.817	ng	98
55) Dibenzofuran	10.13	168	68443	3.861	ng	98
58) Fluorene	10.47	166	71424	5.538	ng	96
71) Phenanthrene	11.44	178	601984	54.447	ng	100
72) Anthracene	11.49	178	179876	16.026	ng	98
73) Carbazole	11.64	167	63096	5.779	ng	98
75) Fluoranthene	12.63	202	829484	73.080	ng	99
78) Pyrene	12.86	202	644263	66.598	ng	99
80) Butylbenzylphthalate	13.47	149	29009	7.093	ng	96
81) Benzo(a)anthracene	14.04	228	299919	37.066	ng	99
83) Chrysene	14.09	228	232629	30.153	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	58913	10.969	ng	95
86) Indeno(1,2,3-cd)pyrene	17.05	276	162386m	28.871	ng	
88) Benzo(b)fluoranthene	15.11	252	459143m	36.711	ng	
89) Benzo(k)fluoranthene	15.13	252	141984m	12.077	ng	
90) Benzo(a)pyrene	15.48	252	329358	29.950	ng	# 95
91) Dibenzo(a,h)anthracene	17.06	278	44597	5.042	ng	# 85
92) Benzo(g,h,i)perylene	17.50	276	133815	15.468	ng	98

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

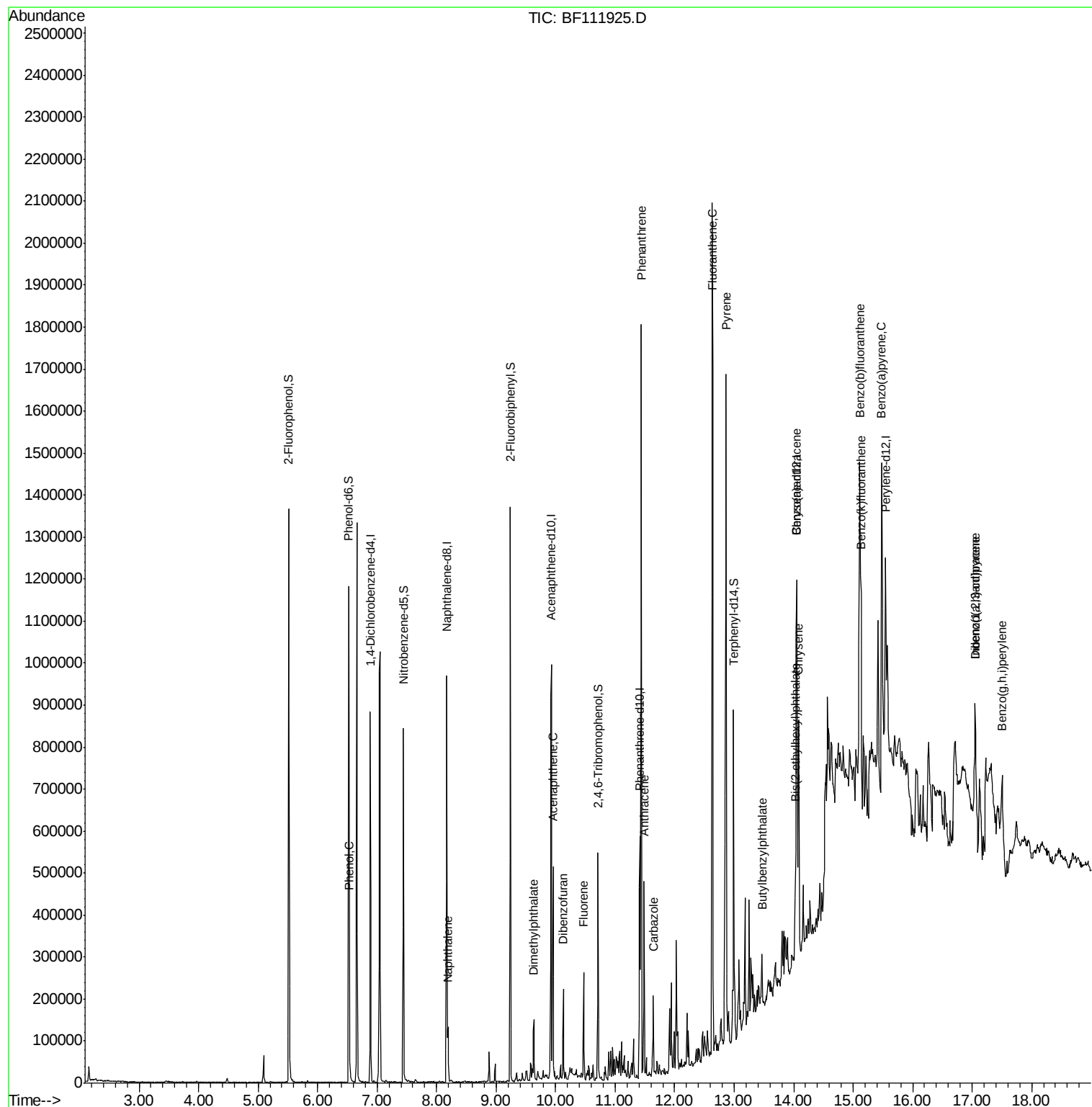
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111925.D
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ALS Vial : 22 Sample Multiplier: 1

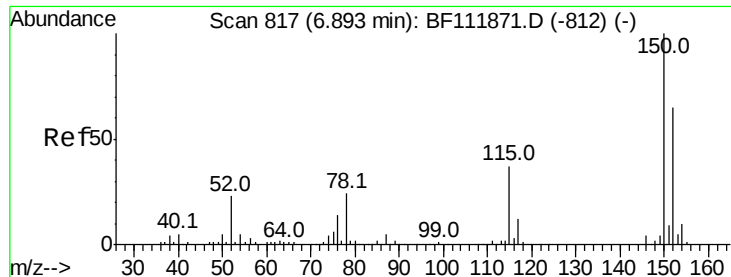
Instrument :
BNA_F
ClientSampleId :
BASIN-10

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

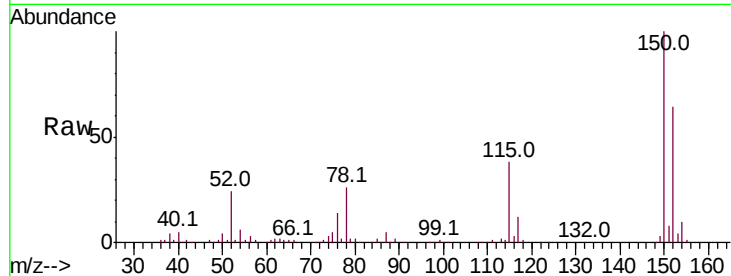
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Instrument :
BNA_F
ClientSampleId :
BASIN-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.7	184.1
115	58.4	45.2	67.8

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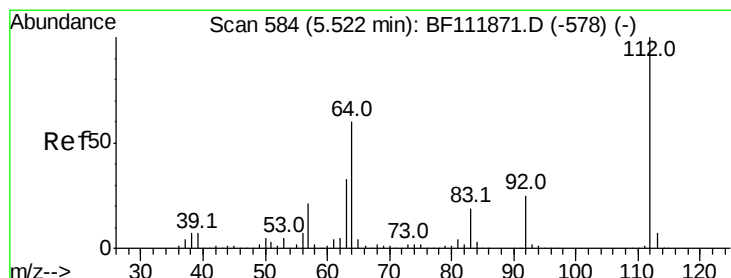
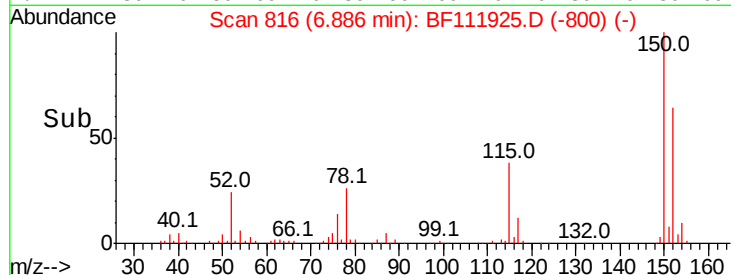
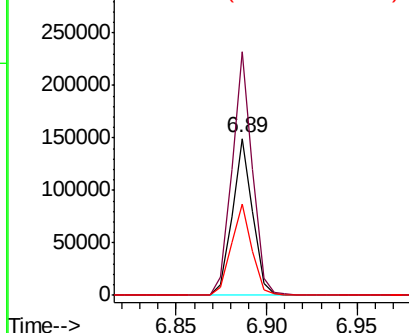


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

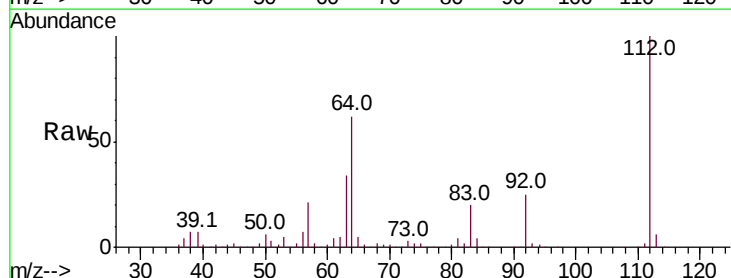
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.265 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.3	72.5
63	33.8	26.1	39.1

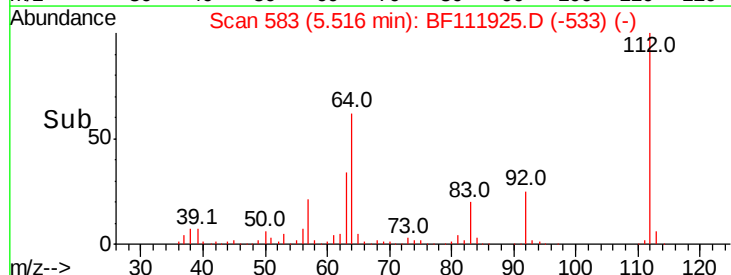
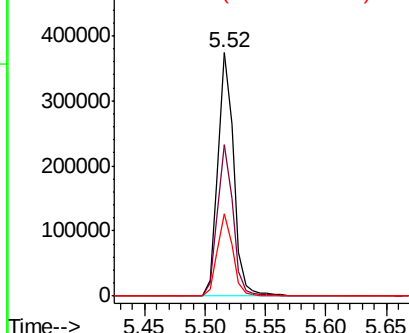


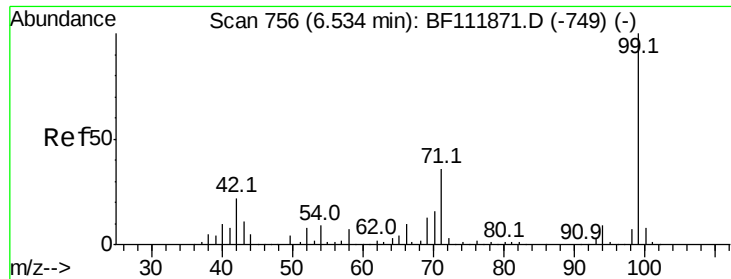
Abundance

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: 42.835 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111925.D

Acq: 8 Jan 2019 23:28

Instrument :

BNA_F

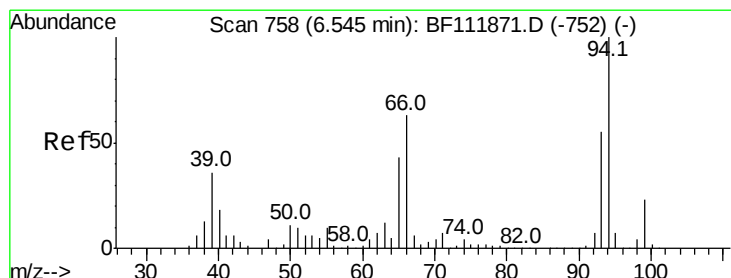
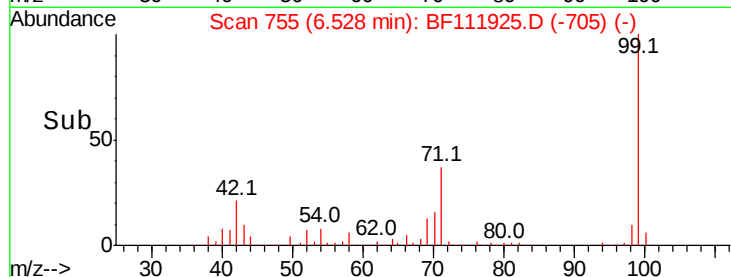
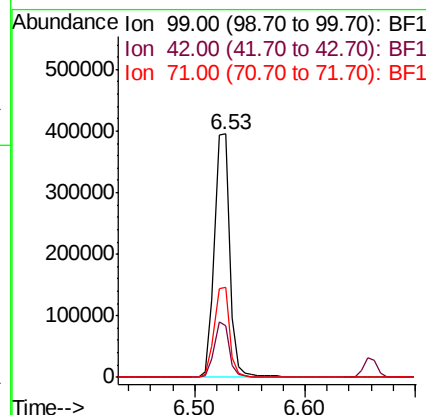
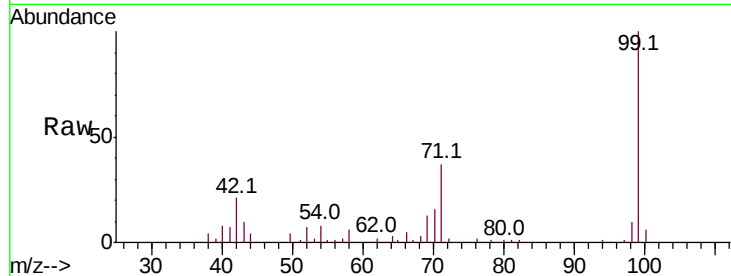
ClientSampled :

BASIN-10

Tot Ion:	99	Resp:	376206
Ion Ratio	Lower	Upper	
99	100		
42	21.0	17.9	26.9
71	36.8	28.7	43.1

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#10

Phenol

Concen: 2.263 ng

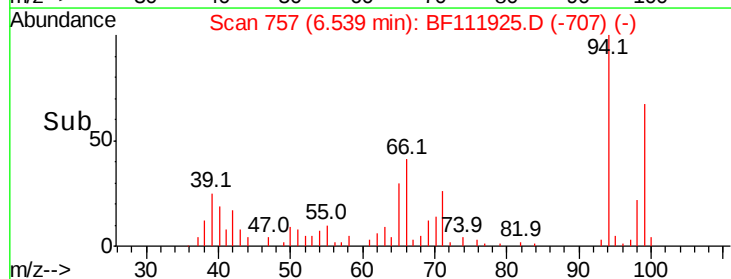
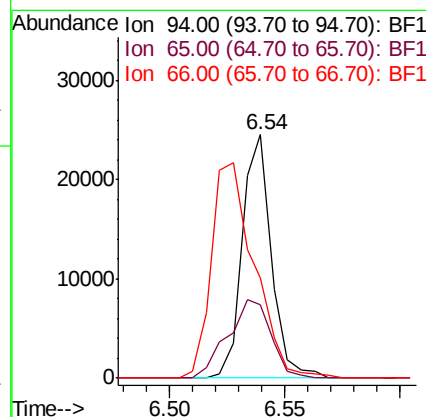
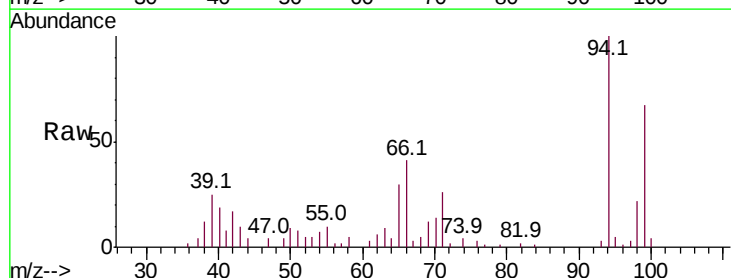
RT: 6.54 min Scan# 757

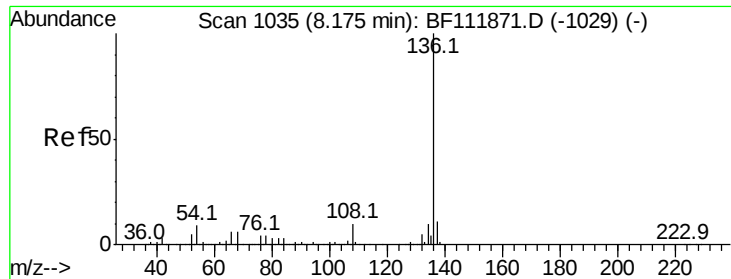
Delta R.T. -0.01 min

Lab File: BF111925.D

Acq: 8 Jan 2019 23:28

Tgt Ion:	94	Resp:	21602
Ion Ratio	Lower	Upper	
94	100		
65	29.9	22.8	62.8
66	41.1	43.3	83.3#





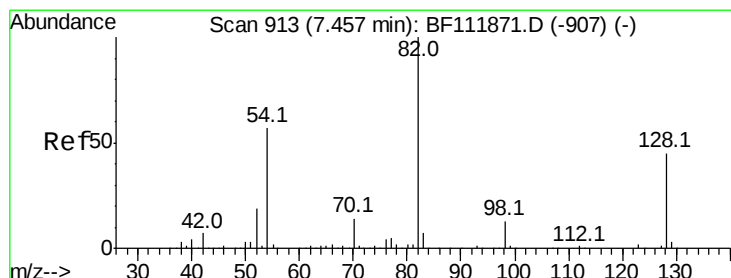
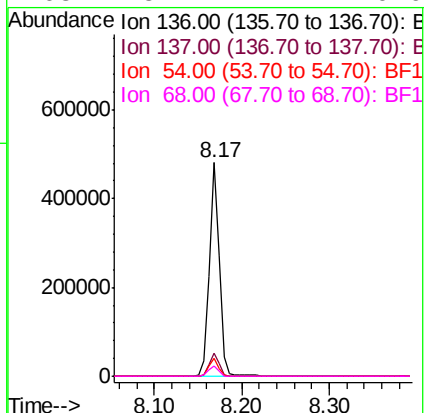
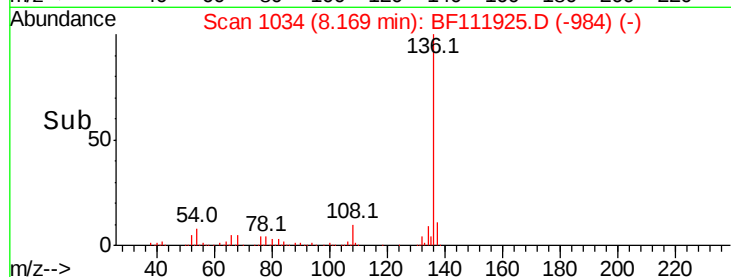
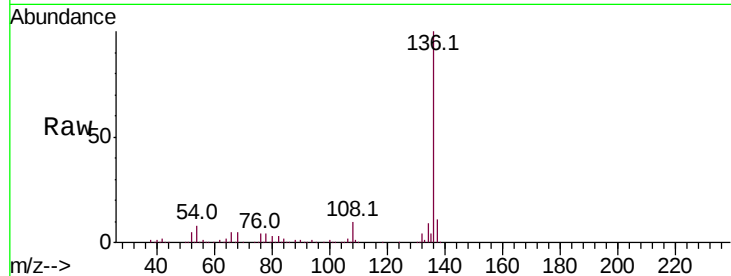
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Instrument :
BNA_F
ClientSampleId :
BASIN-10

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	8.2	7.2	10.8	
68	5.1	4.4	6.6	

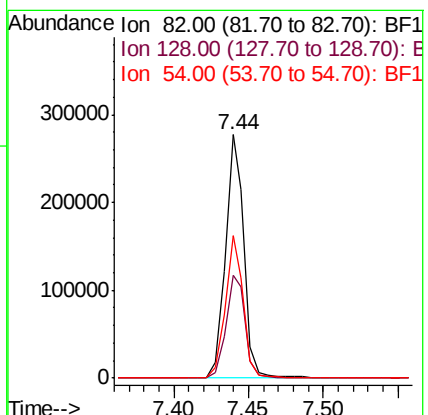
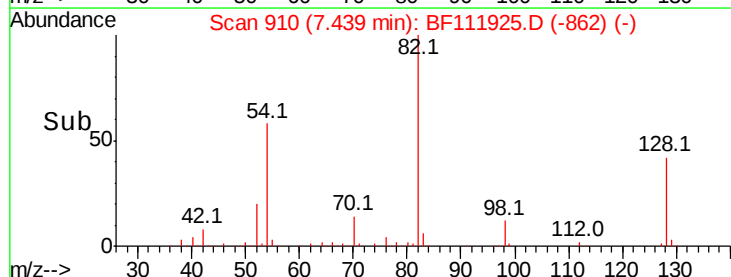
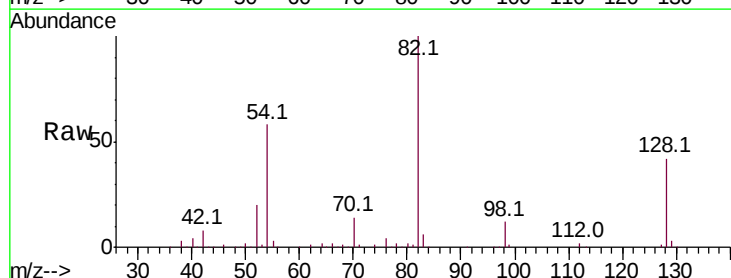
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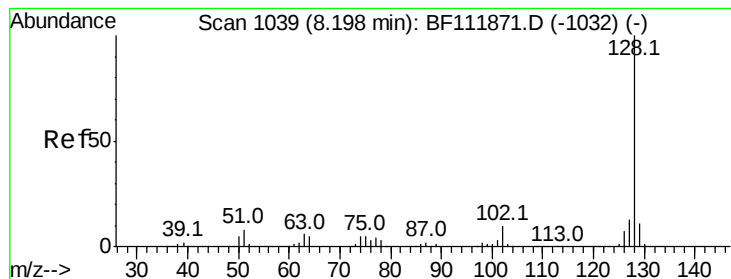
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#23
Nitrobenzene-d5
Concen: 34.013 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.4	35.7	53.5	
54	58.3	45.8	68.8	





#31

Naphthalene

Concen: 2.965 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF111925.D

Acq: 8 Jan 2019 23:28

Instrument :

BNA_F

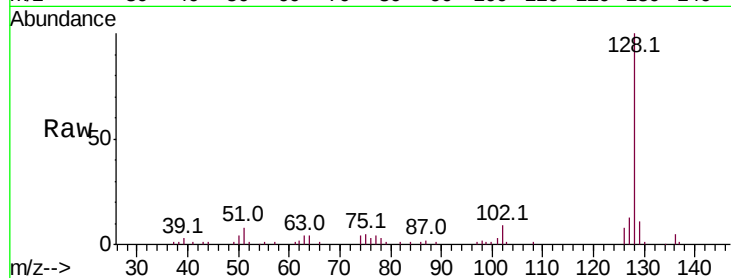
ClientSampleId :

BASIN-10

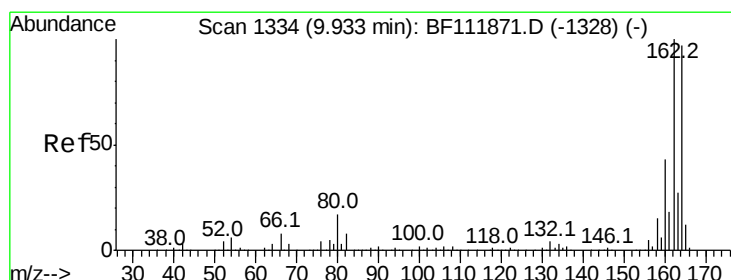
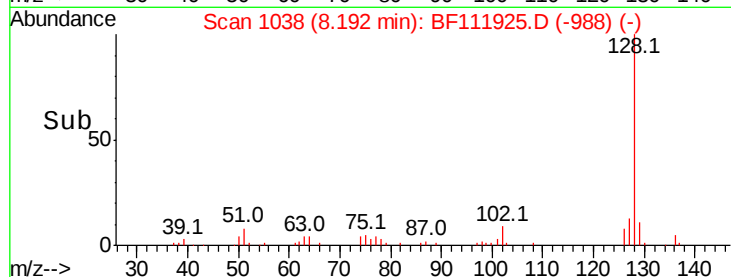
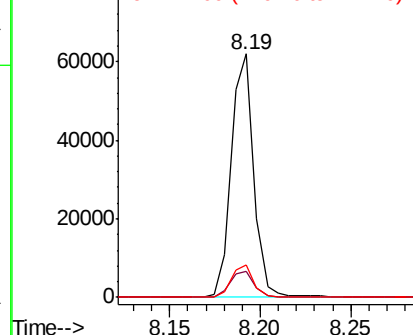
Tot Ion:128	Resp:	53692
Ion Ratio	Lower	Upper
128 100		
129 10.7	9.0	13.4
127 13.2	10.7	16.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

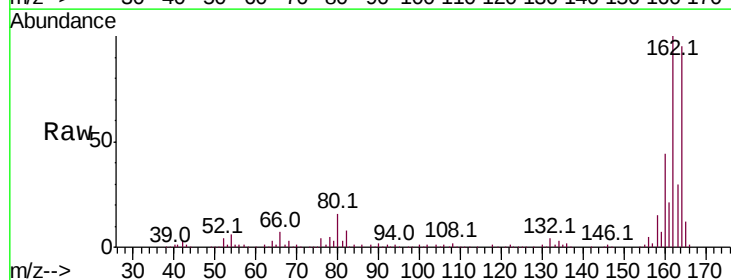
RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

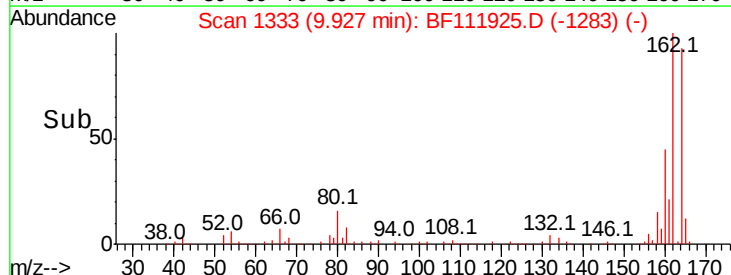
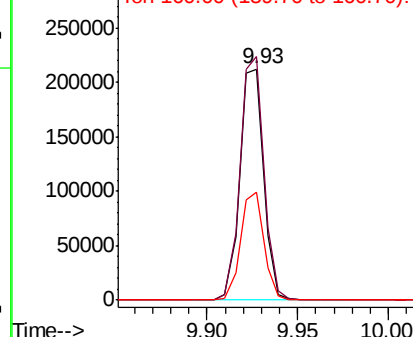
Lab File: BF111925.D

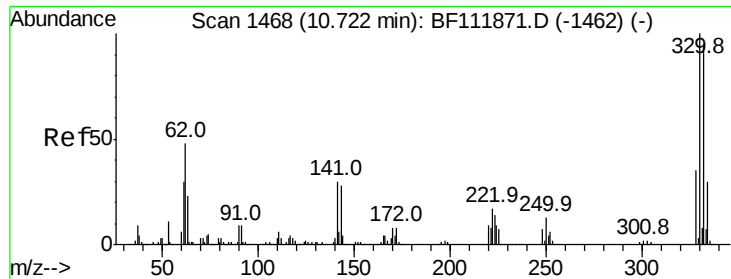
Acq: 8 Jan 2019 23:28

Tgt Ion:164	Resp:	194790
Ion Ratio	Lower	Upper
164 100		
162 105.2	82.2	123.2
160 46.7	35.5	53.3



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





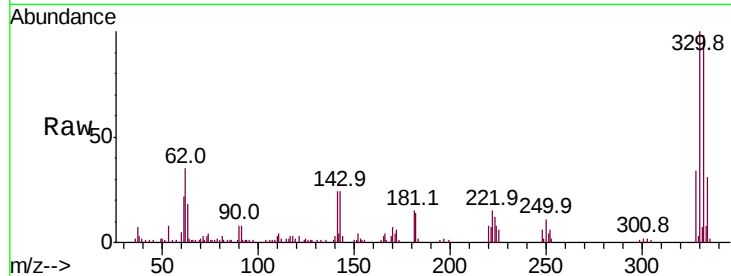
#42
 2,4,6-Tribromophenol
 Concen: 23.365 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111925.D
 Acq: 8 Jan 2019 23:28

Instrument :
 BNA_F
 ClientSampleId :
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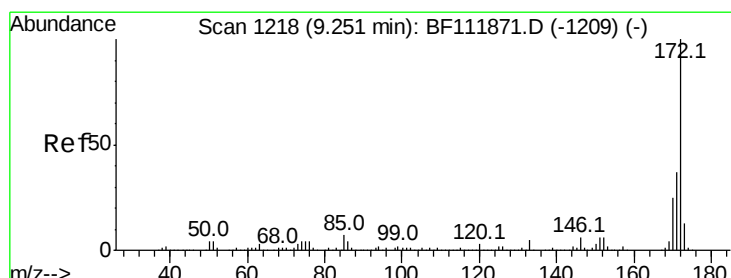
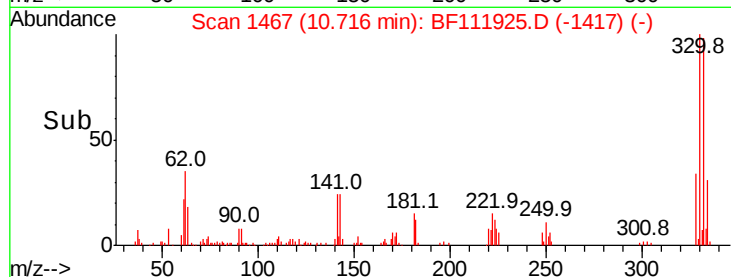
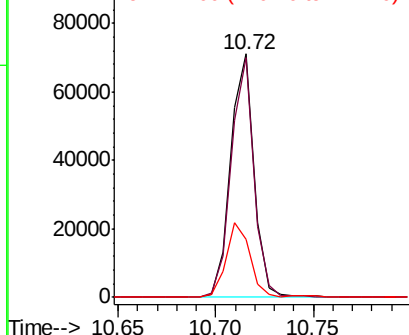
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	31.0	23.7	35.5

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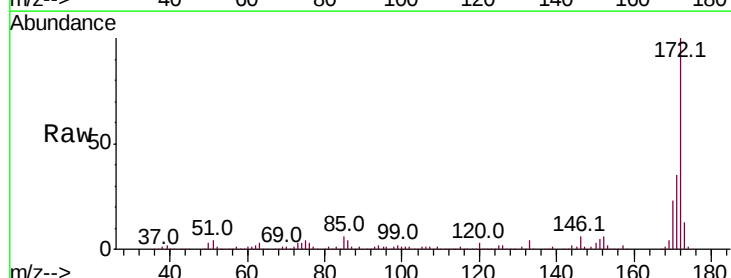


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

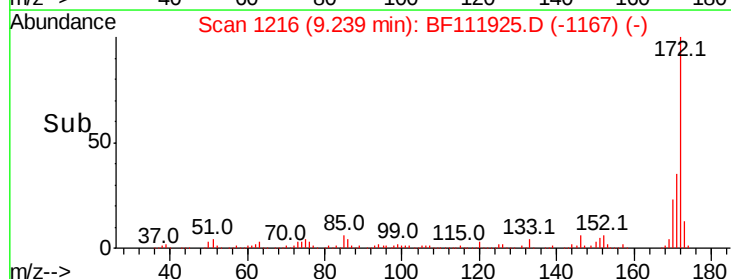
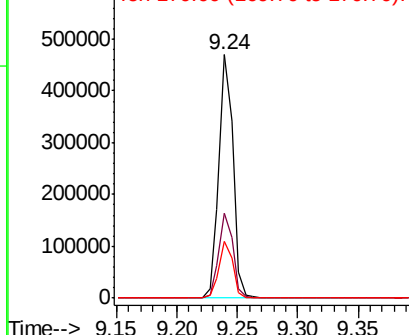


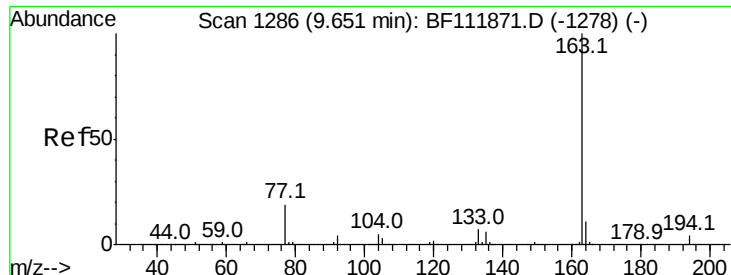
#45
 2-Fluorobiphenyl
 Concen: 28.221 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111925.D
 Acq: 8 Jan 2019 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.1	19.8	29.8



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





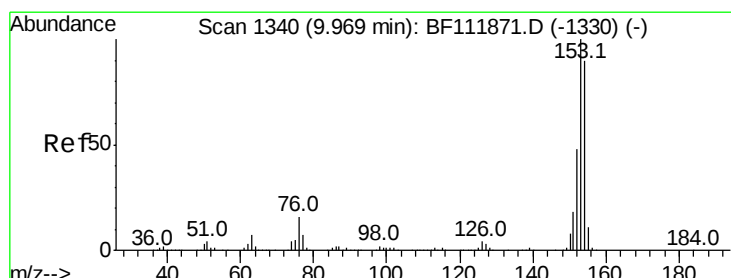
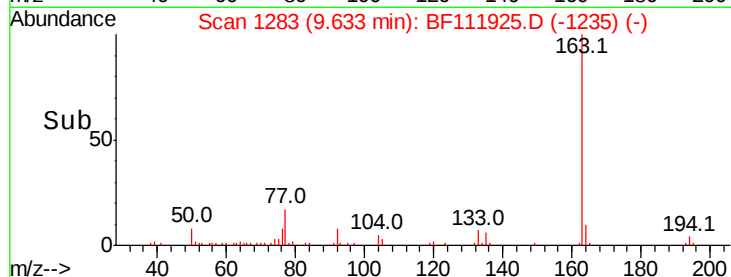
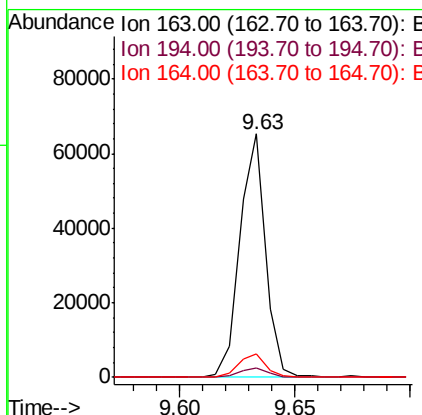
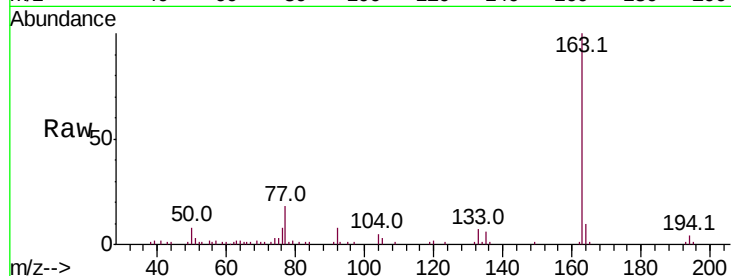
#50
Dimethylphthalate
Concen: 3.464 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Instrument :
BNA_F
ClientSampleId :
BASIN-10

Tot Ion:	163	Resp:	50693
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.2
164	9.6	8.5	12.7

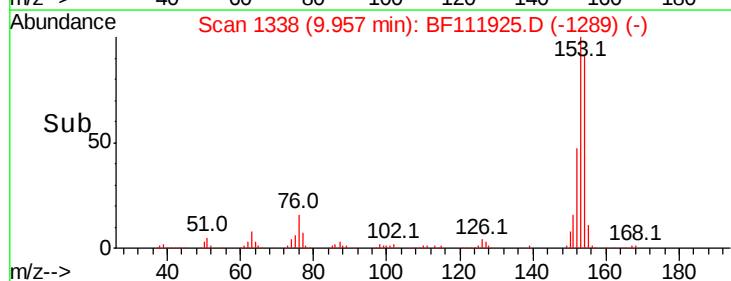
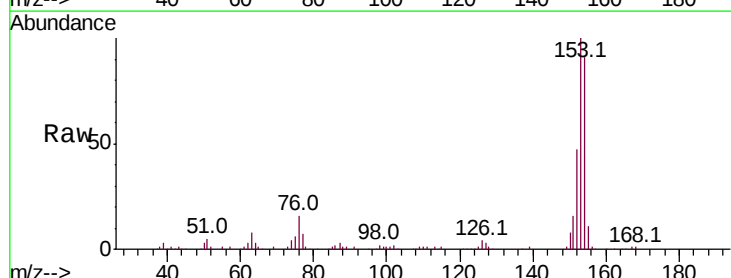
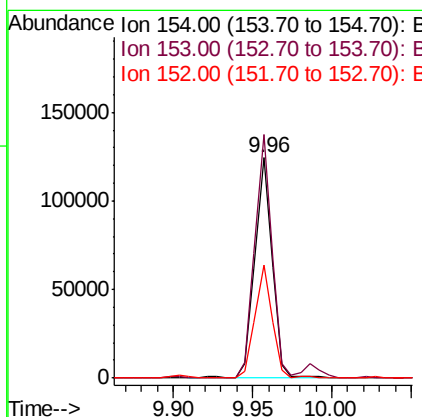
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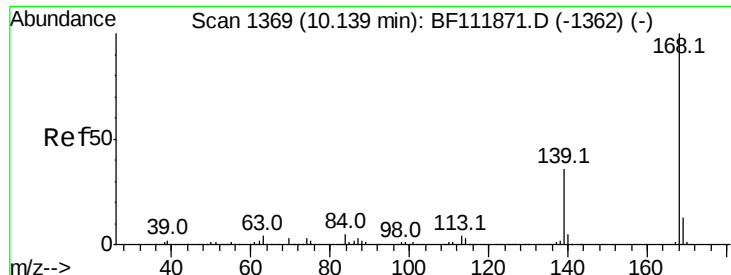
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#52
Acenaphthene
Concen: 7.817 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Tgt Ion:	154	Resp:	95270
Ion Ratio	Lower	Upper	
154	100		
153	110.4	89.4	134.0
152	51.3	43.1	64.7





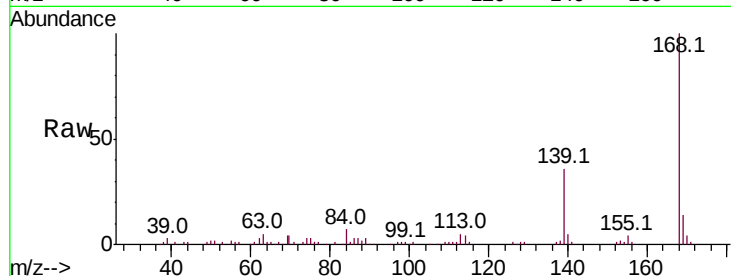
#55
Dibenzofuran
Concen: 3.861 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Instrument :
BNA_F
ClientSampled :
BASIN-10

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	29.3	43.9
169	14.4	10.6	16.0

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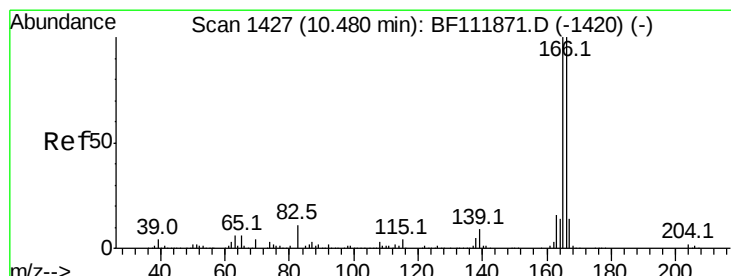
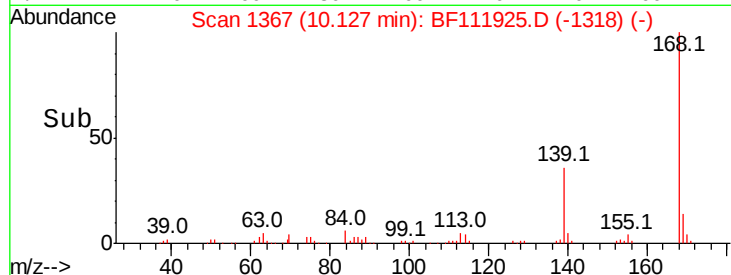
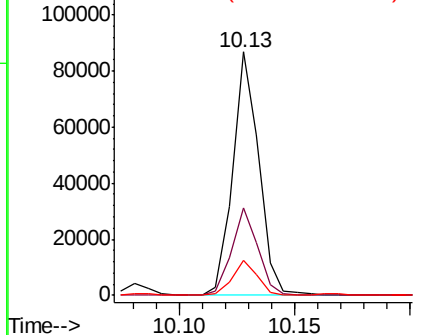


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#58
Fluorene
Concen: 5.538 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

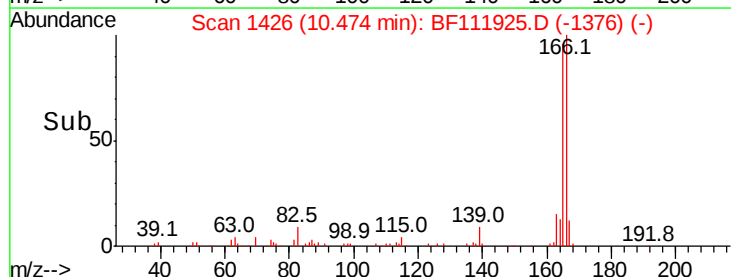
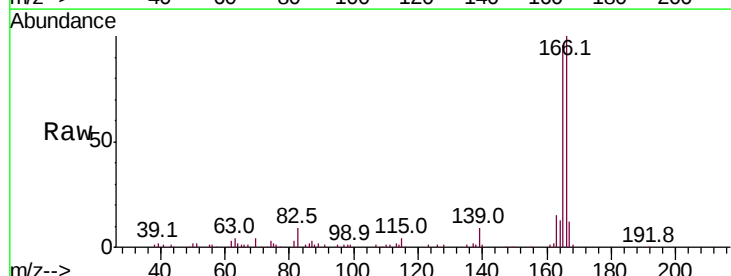
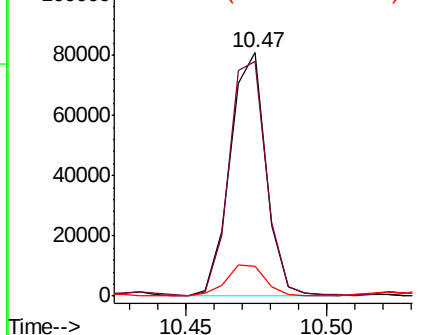
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.7	119.5
167	12.1	11.1	16.7

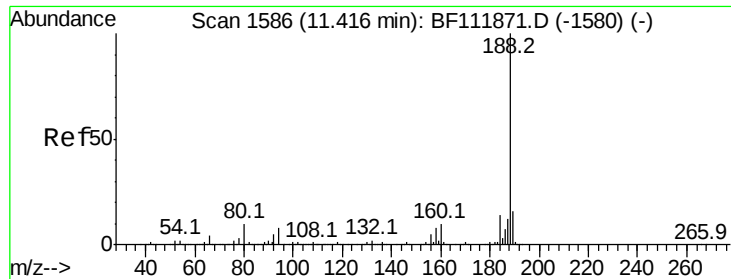
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





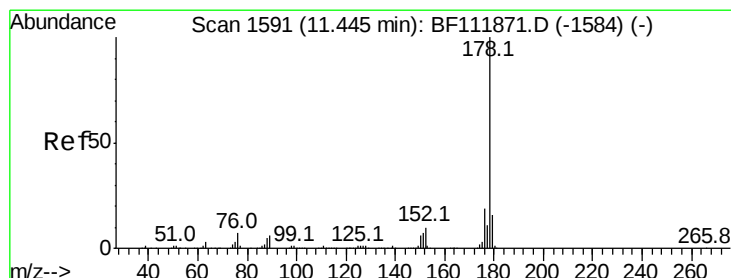
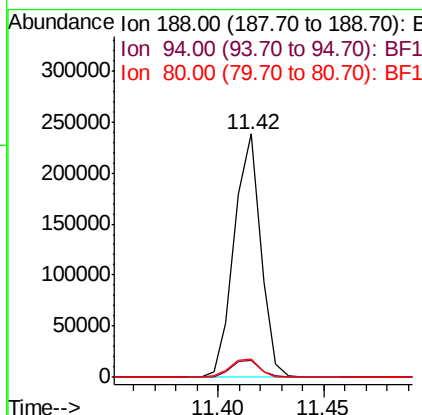
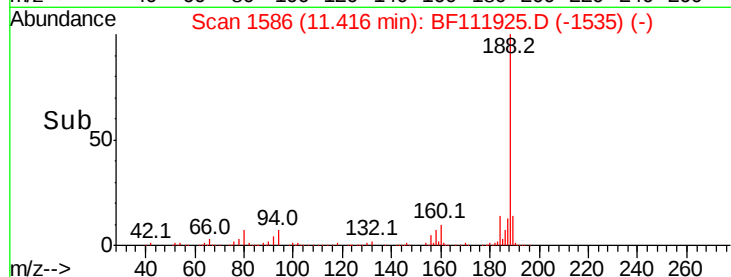
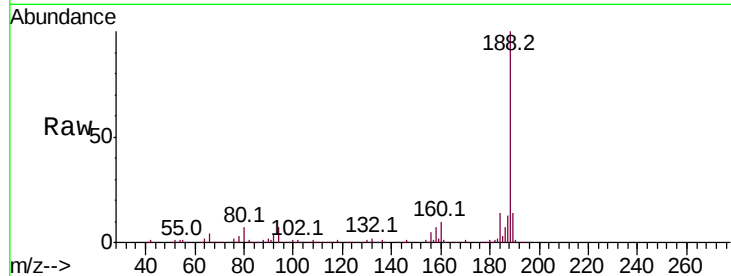
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Instrument :
BNA_F
ClientSampleId :
BASIN-10

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.9	6.6	10.0
80	7.3	7.7	11.5#

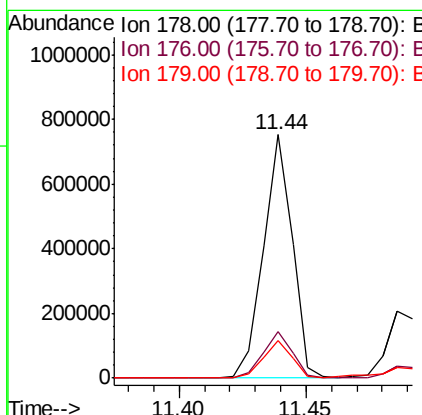
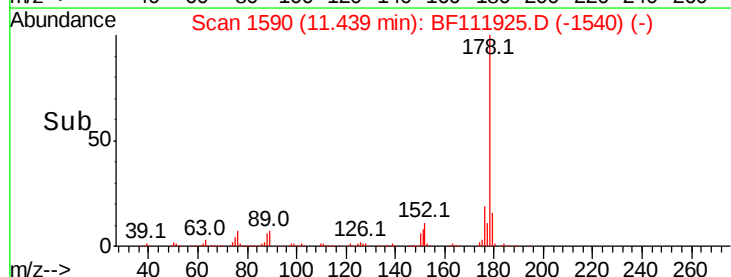
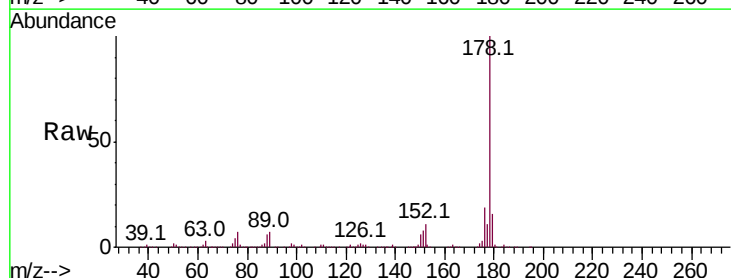
Manual Integrations
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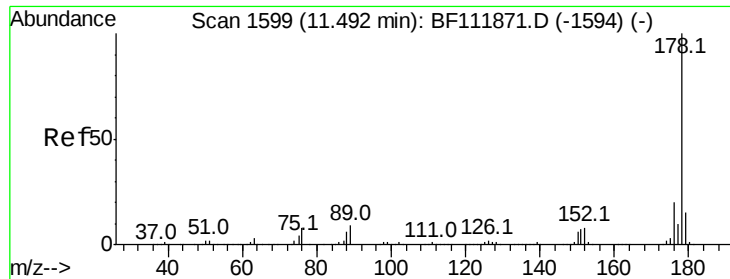
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#71
Phenanthrene
Concen: 54.447 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.7	12.6	18.8





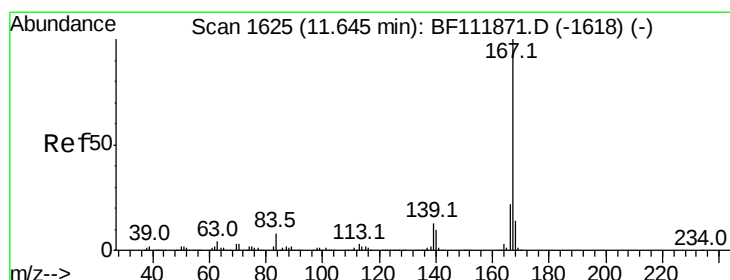
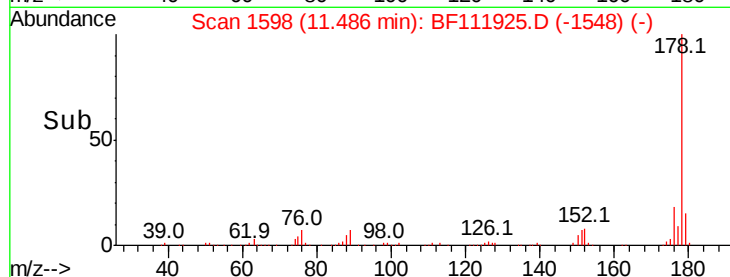
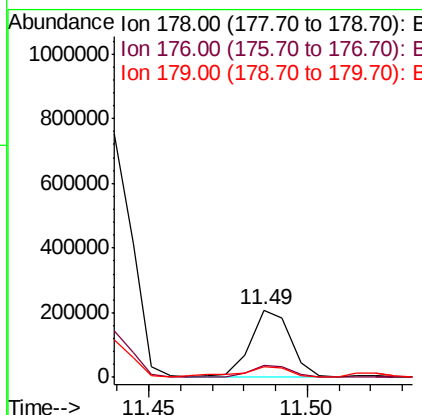
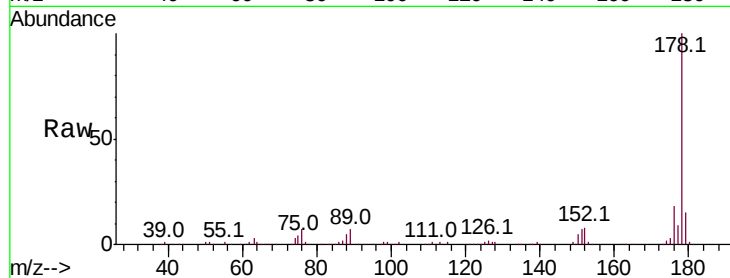
#72
 Anthracene
 Concen: 16.026 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF111925.D
 Acq: 8 Jan 2019 23:28

Instrument :
 BNA_F
 ClientSampleID :
 BASIN-10

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.7	23.5
179	15.2	12.4	18.6

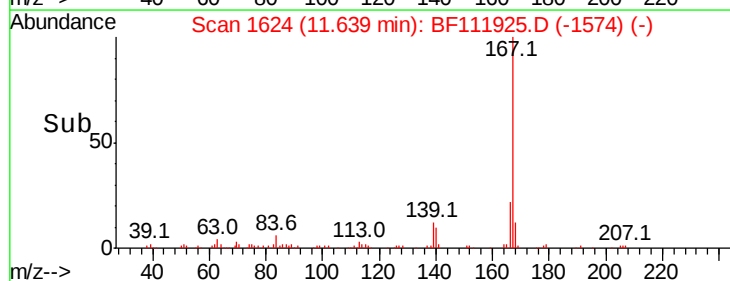
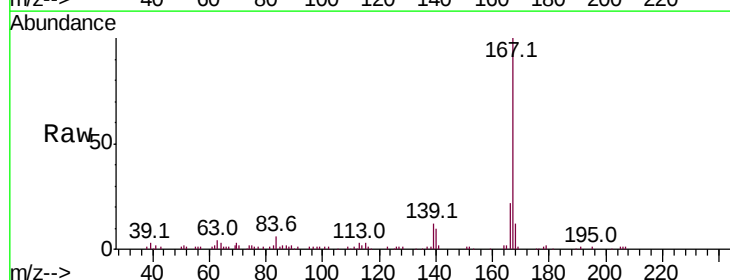
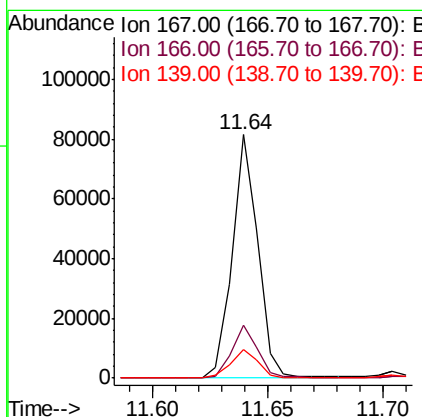
Manual Integrations
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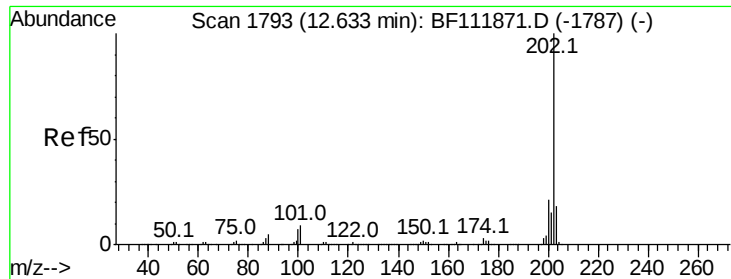
Sohil
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#73
 Carbazole
 Concen: 5.779 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF111925.D
 Acq: 8 Jan 2019 23:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	11.9	10.6	16.0





#75

Fluoranthene

Concen: 73.080 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF111925.D

Acq: 8 Jan 2019 23:28

Instrument :

BNA_F

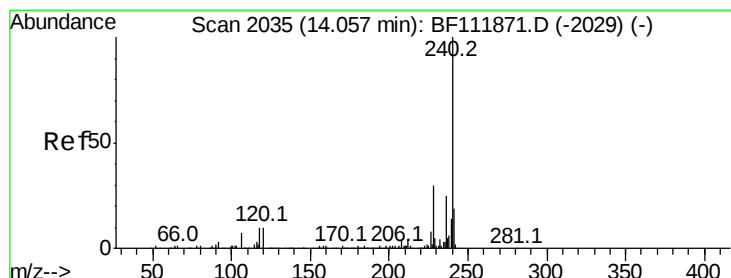
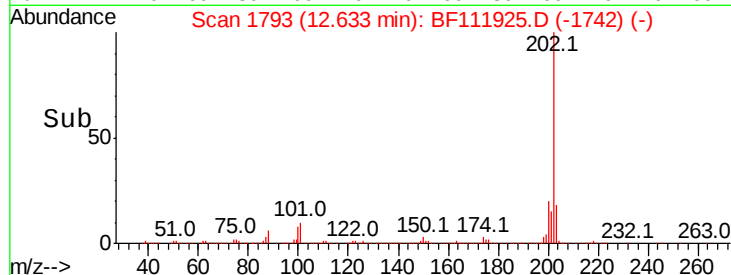
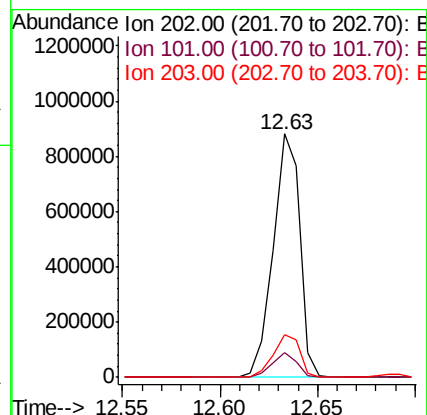
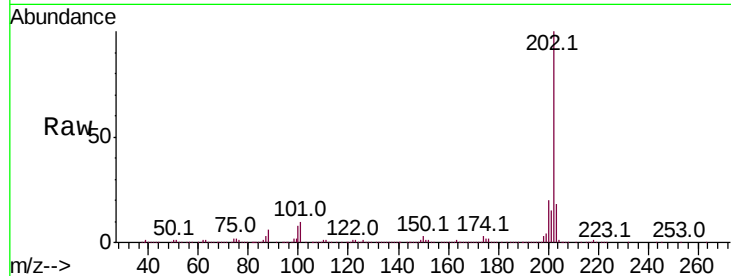
ClientSampled :

BASIN-10

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	0.0	29.3
203	17.7	0.0	37.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

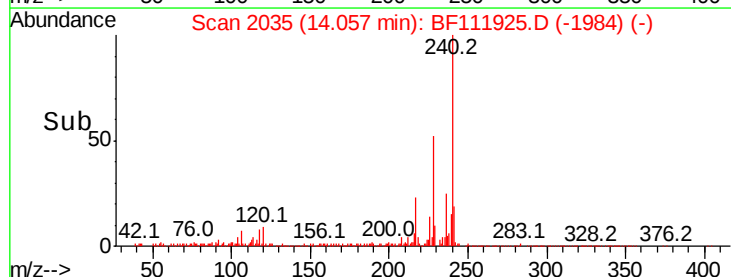
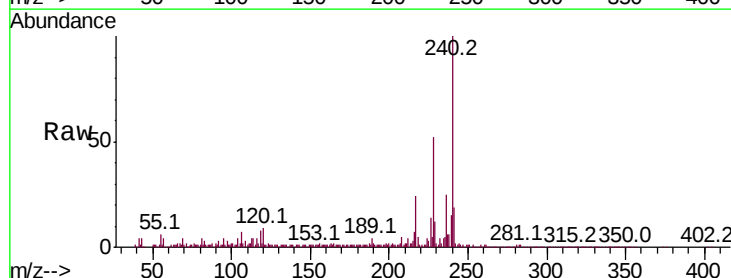
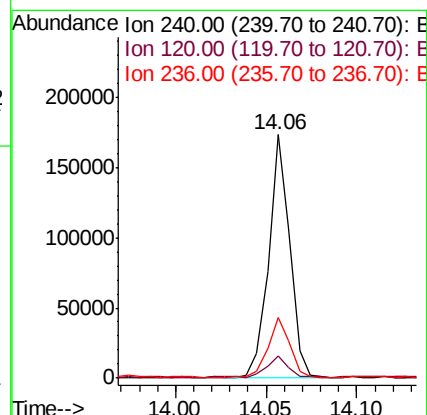
RT: 14.06 min Scan# 2035

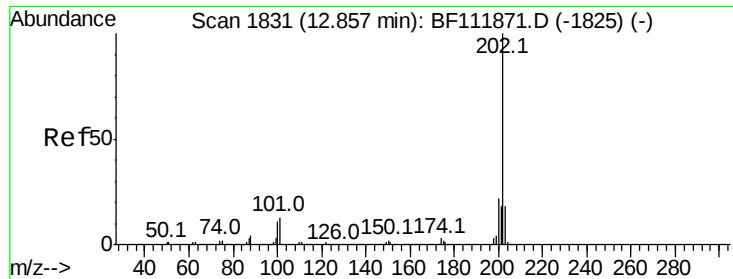
Delta R.T. -0.00 min

Lab File: BF111925.D

Acq: 8 Jan 2019 23:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.0	8.2	12.2
236	25.0	20.2	30.4





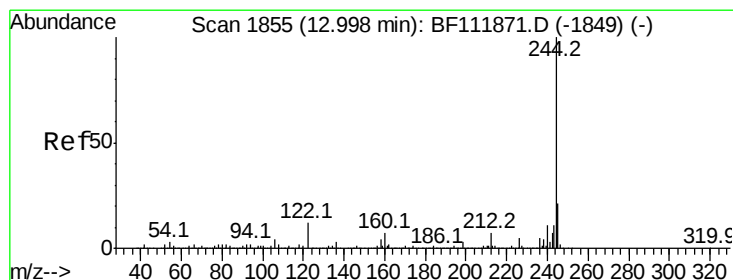
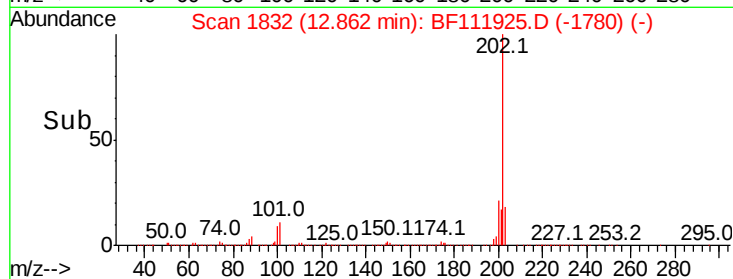
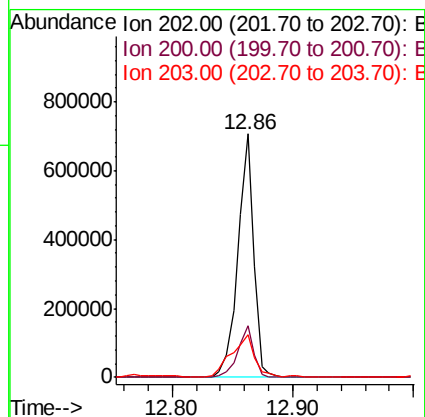
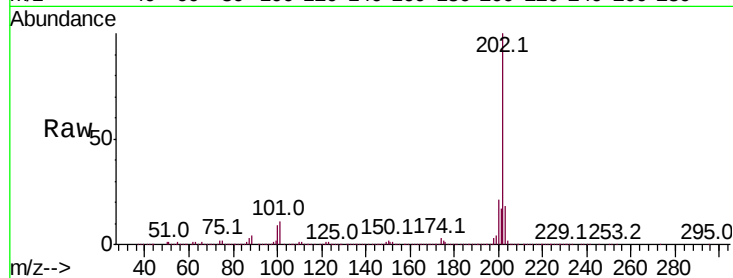
#78
Pvrene
Concen: 66.598 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Instrument :
BNA_F
ClientSampleId :
BASIN-10

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.8	14.6	21.8

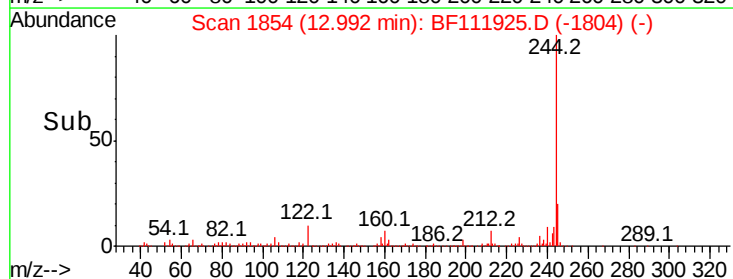
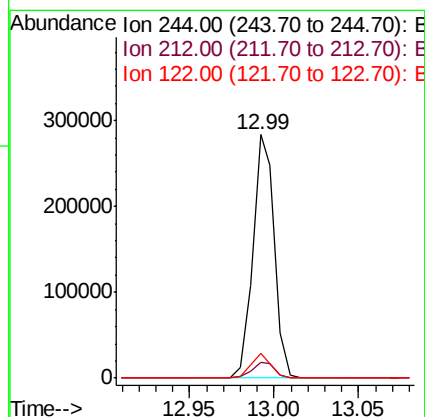
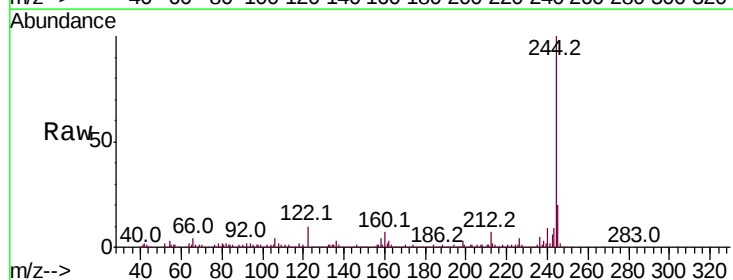
Manual Integrations
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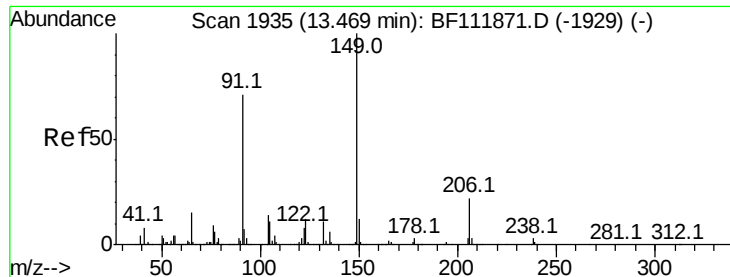
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#79
Terphenyl-d14
Concen: 33.948 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.4	9.5	14.3





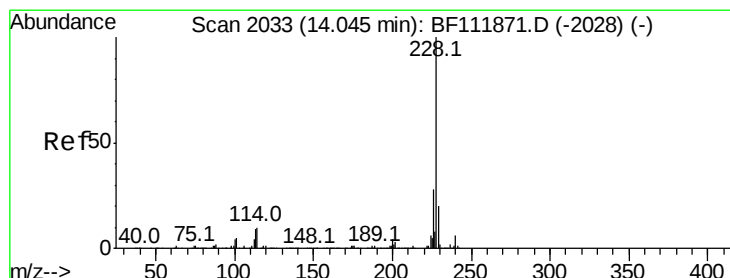
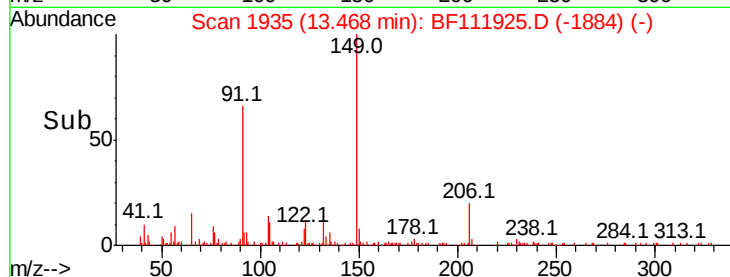
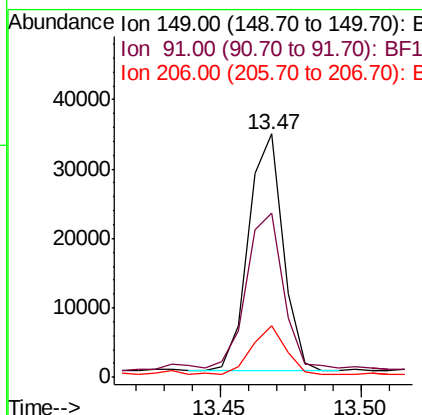
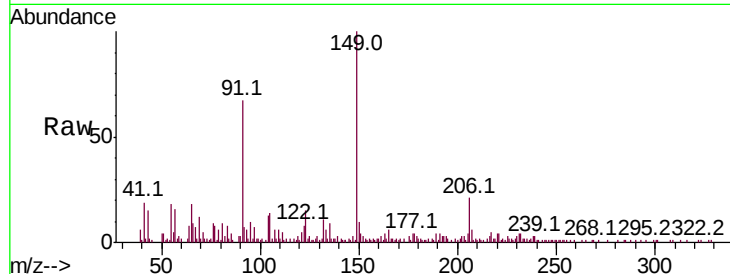
#80
Butylbenzylphthalate
Concen: 7.093 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Instrument :
BNA_F
ClientSampleId :
BASIN-10

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.3	57.2	85.8
206	21.2	17.3	25.9

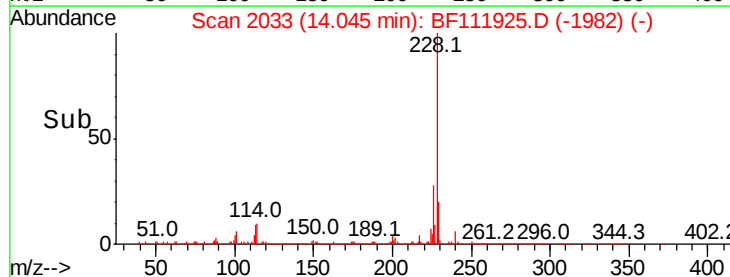
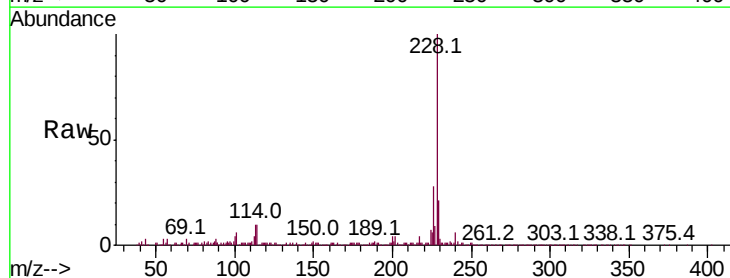
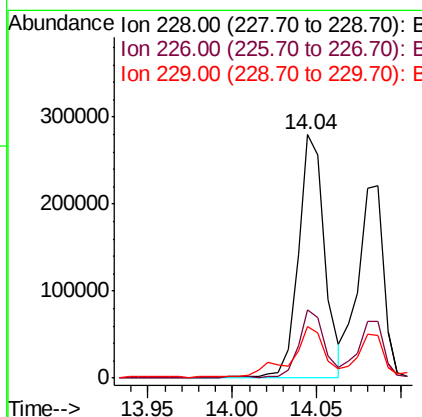
Manual Integrations
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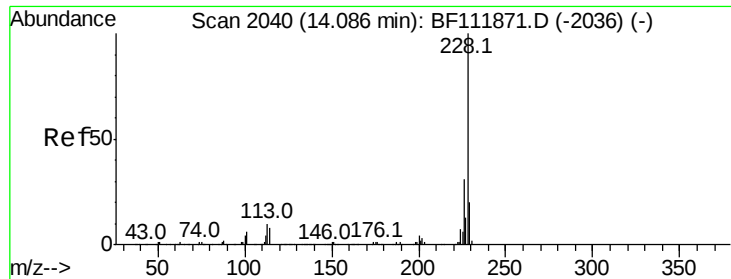
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#81
Benzo(a)anthracene
Concen: 37.066 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.2
229	21.0	16.2	24.2





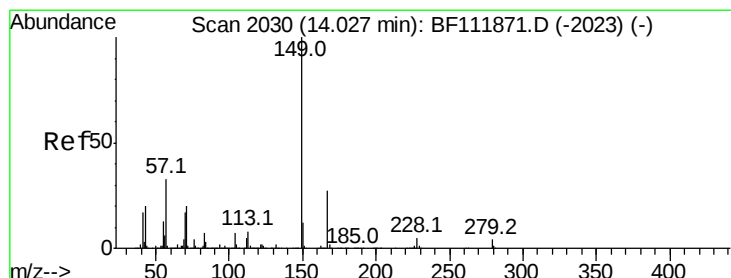
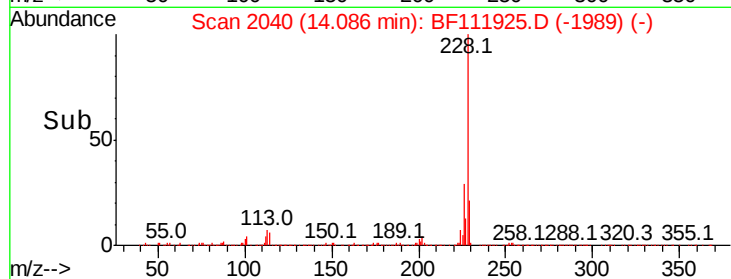
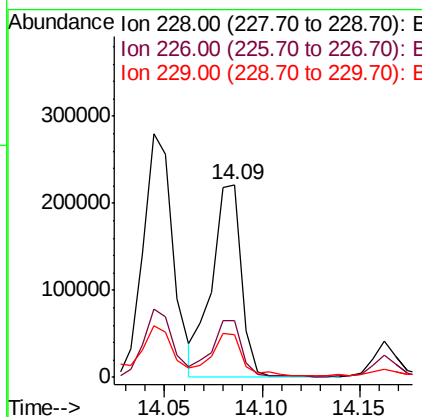
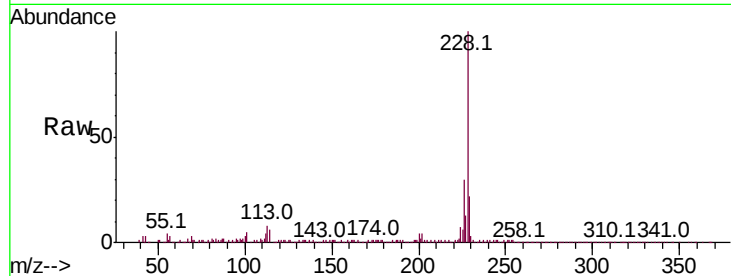
#83
Chrysene
Concen: 30.153 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Instrument :
BNA_F
ClientSampleId :
BASIN-10

Tot Ion:	228	Resp:	232629
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.6	37.0
229	22.1	15.7	23.5

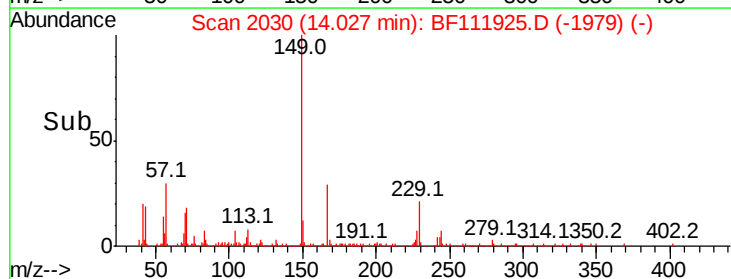
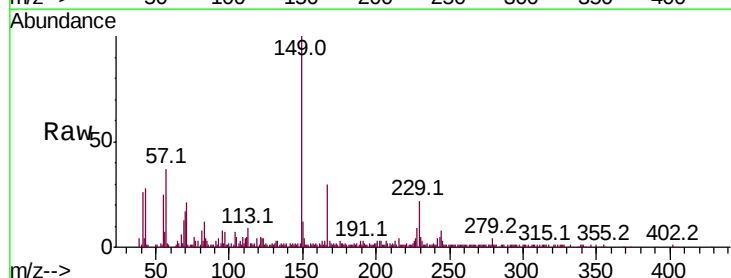
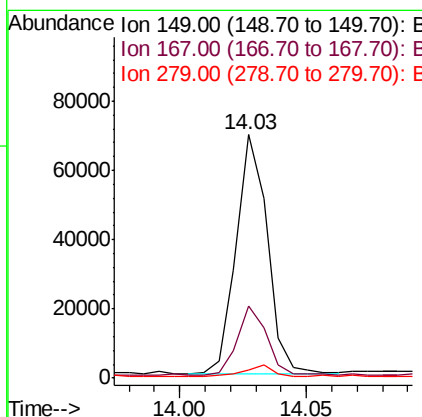
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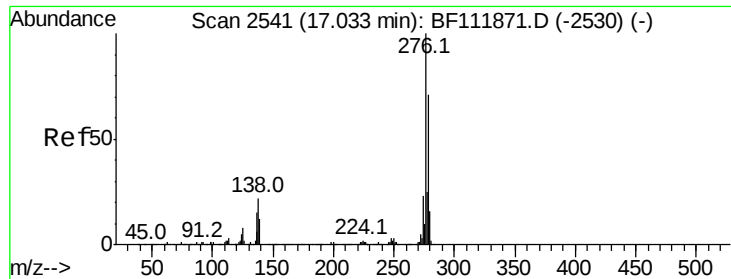
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#84
Bis(2-ethylhexyl)phthalate
Concen: 10.969 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Tgt Ion:	149	Resp:	58913
Ion Ratio	Lower	Upper	
149	100		
167	29.5	21.5	32.3
279	3.6	3.0	4.6





#86

Indeno(1,2,3-cd)pyrene

Concen: 28.871 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BF111925.D

Acq: 8 Jan 2019 23:28

Instrument :

BNA_F

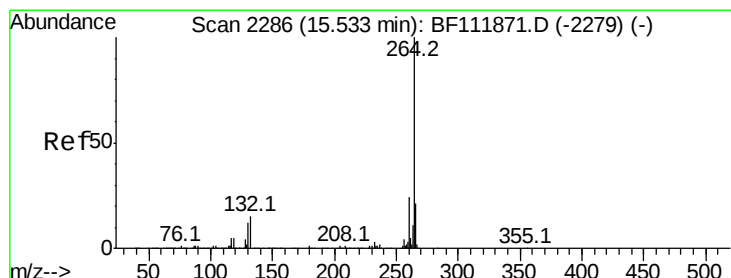
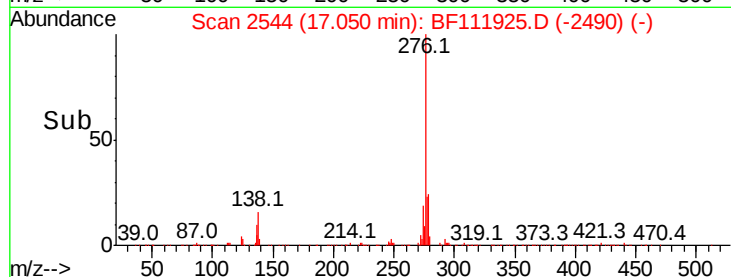
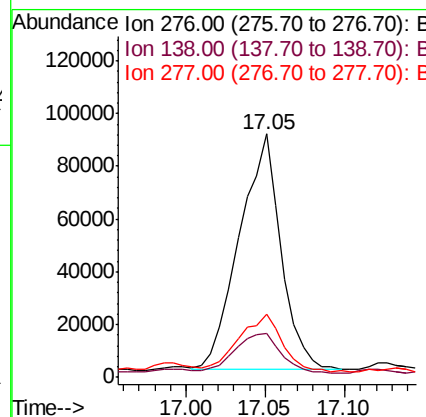
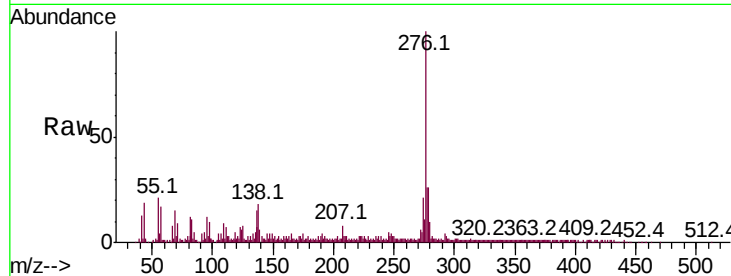
ClientSampleId :

BASIN-10

Tot Ion:	276	Resp:	162386
Ion Ratio	Lower	Upper	
276	100		
138	4.9	18.1	27.1#
277	5.8	19.9	29.9#

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#87

Perylene-d12

Concen: 20.000 ng

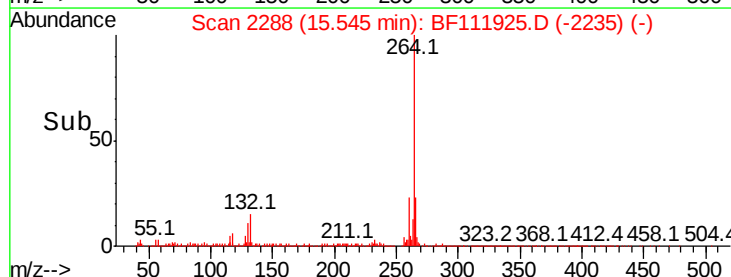
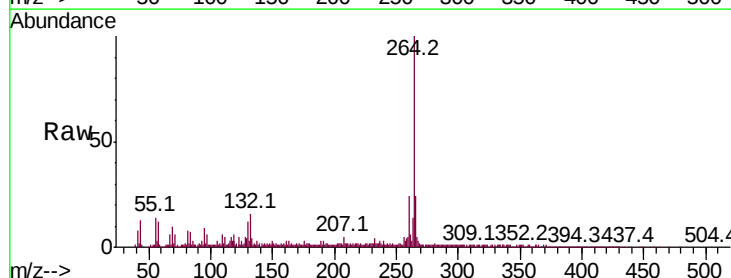
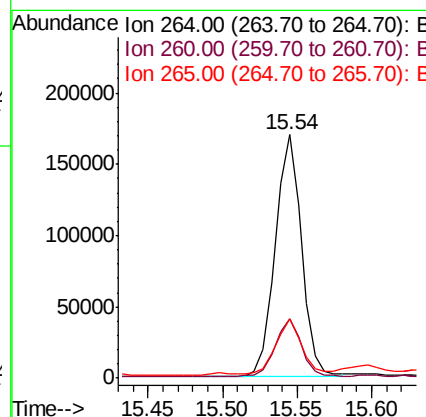
RT: 15.54 min Scan# 2288

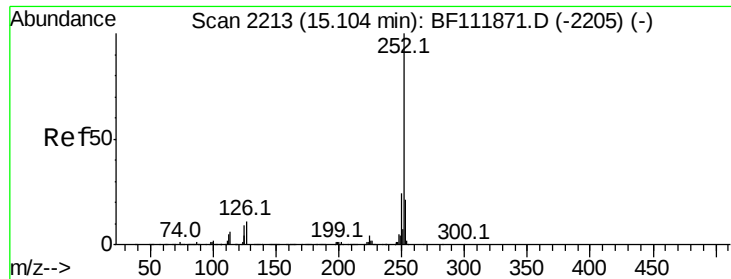
Delta R.T. 0.01 min

Lab File: BF111925.D

Acq: 8 Jan 2019 23:28

Tgt Ion:	264	Resp:	209078
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	24.2	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 36.711 ng m

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF111925.D

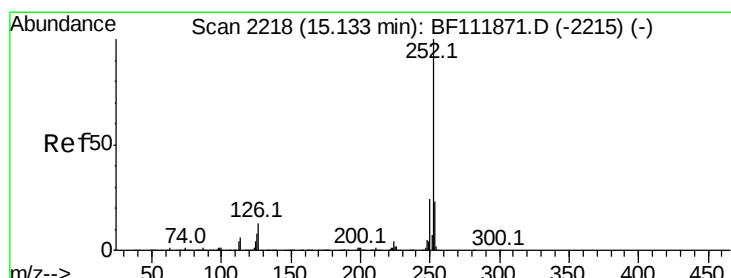
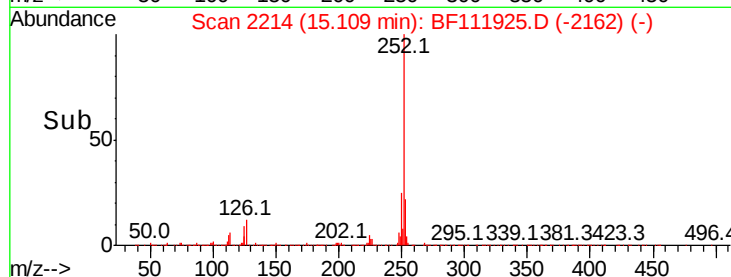
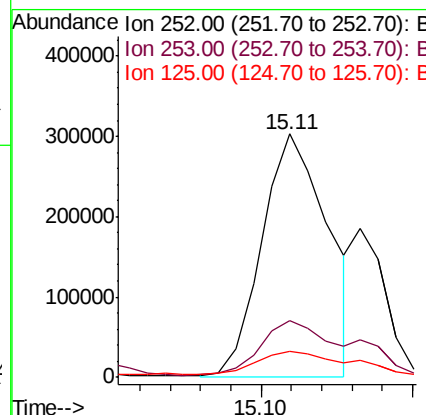
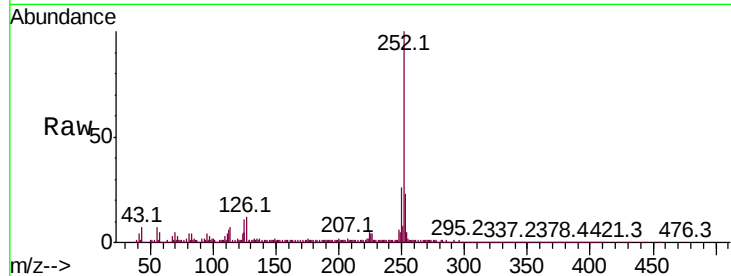
Acq: 8 Jan 2019 23:28

Instrument :
BNA_F
ClientSampleId :
BASIN-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.8	7.1	10.7

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 12.077 ng m

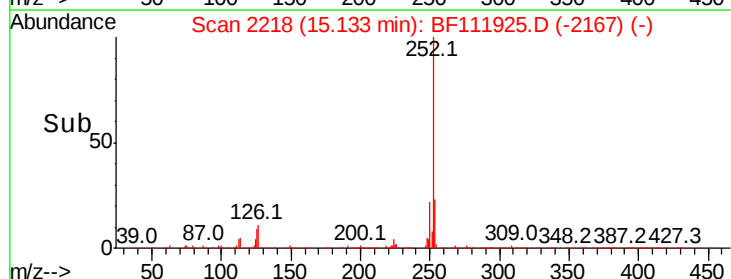
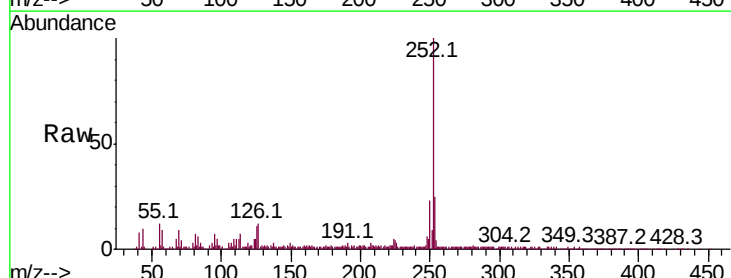
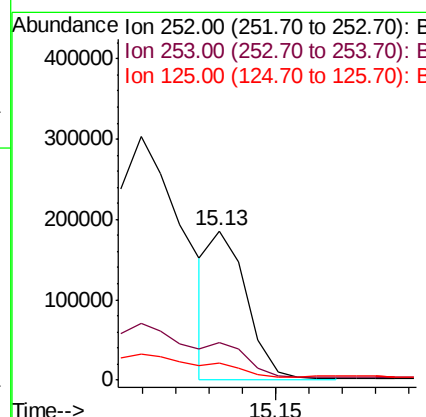
RT: 15.13 min Scan# 2218

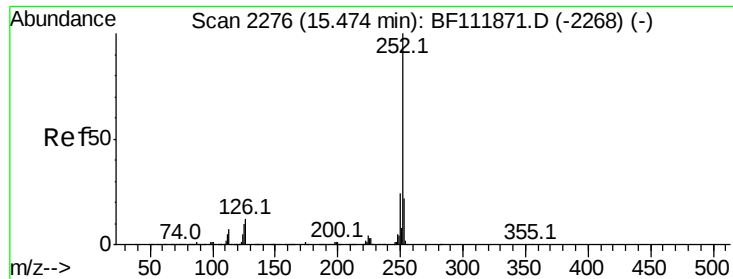
Delta R.T. -0.00 min

Lab File: BF111925.D

Acq: 8 Jan 2019 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	11.5	7.0	10.4





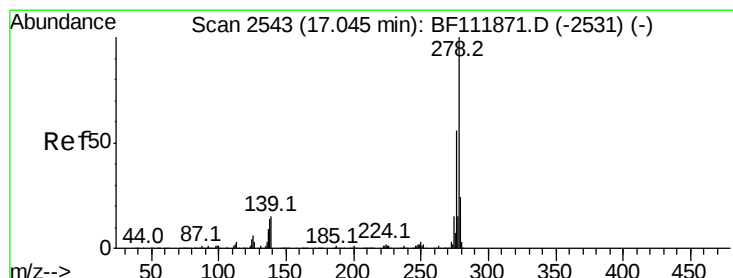
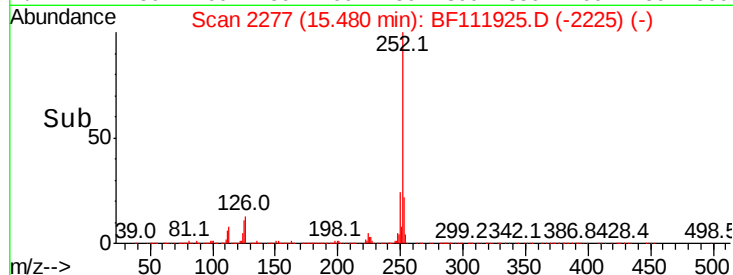
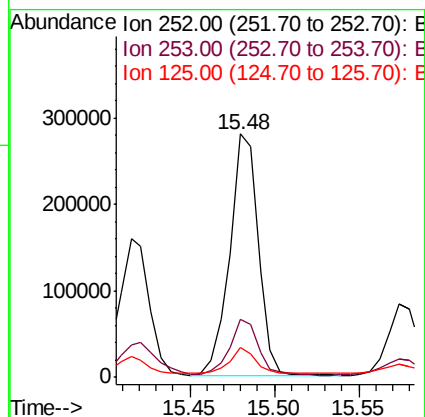
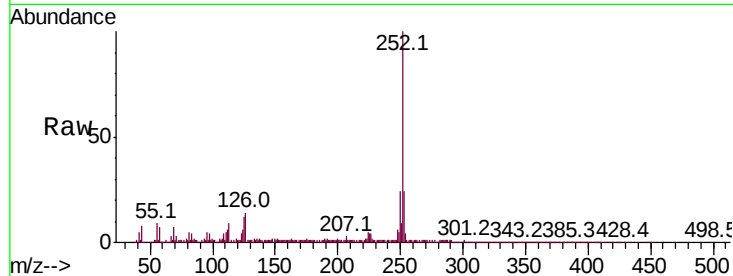
#90
Benzo(a)pyrene
Concen: 29.950 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Instrument :
BNA_F
ClientSampled :
BASIN-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	12.4	7.9	11.9#

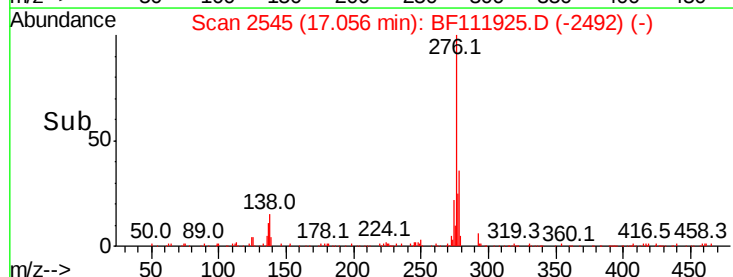
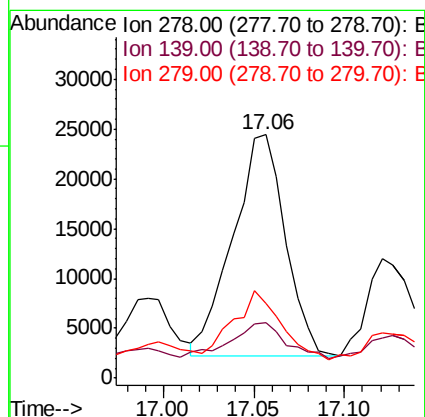
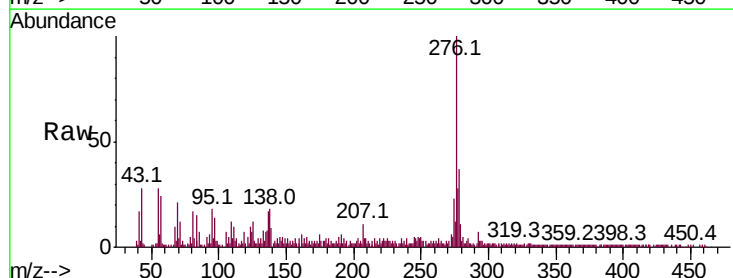
Manual Integrations
APPROVED

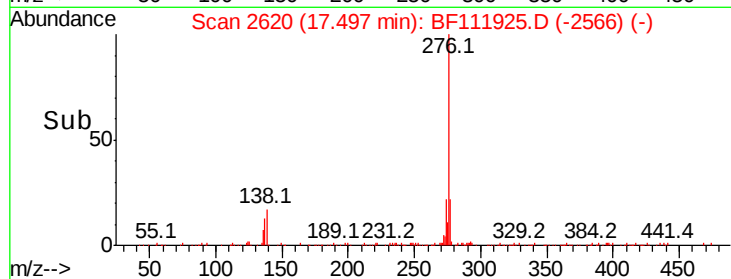
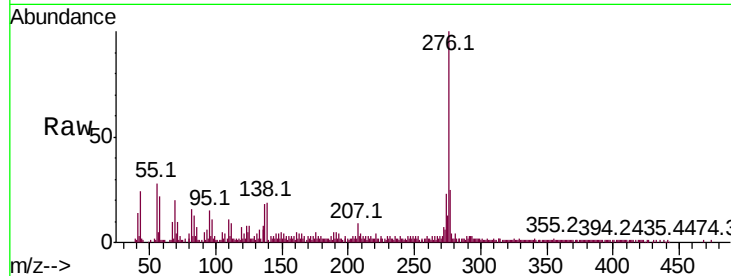
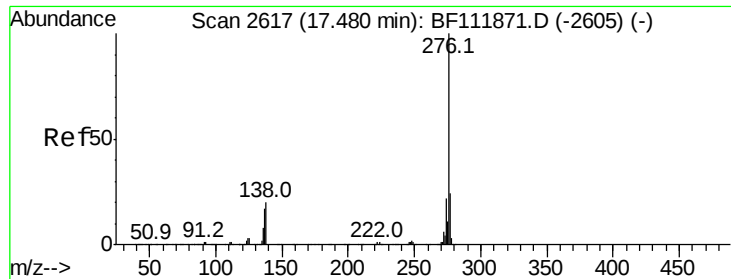
Sohil
1/9/2019 10:36:51 AM



#91
Dibenzo(a,h)anthracene
Concen: 5.042 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	11.8	17.6#
279	30.5	19.4	29.2#





#92
Benzo(a,h,i)perylene
Concen: 15.468 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.02 min
Lab File: BF111925.D
Acq: 8 Jan 2019 23:28

Instrument :
BNA_F
ClientSampleId :
BASIN-10

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.6
138	18.9	16.2	24.2

Manual Integrations
APPROVED

Sohil
1/9/2019 10:36:51 AM

