

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111422.D
 Acq On : 14 Dec 2018 16:49
 Operator : JU/SJ
 Sample : J6319-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 063_SW-E-1

Manual Integrations
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 12/17/2018 2:36:27 PM

Quant Time: Dec 14 17:30:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	173024	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	690109	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	324602	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	496602	20.00	ng	0.00
76) Chrysene-d12	13.94	240	326203	20.00	ng	0.00
87) Perylene-d12	15.39	264	306955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1125503	108.25	ng	0.00
7) Phenol-d6	6.44	99	1424522	103.00	ng	0.00
23) Nitrobenzene-d5	7.35	82	886259	76.47	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	262083	90.13	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1349794	64.23	ng	0.00
79) Terphenyl-d14	12.90	244	849135	61.13	ng	0.00
Target Compounds						
10) Phenol	6.45	94	103920	6.745	ng	91
31) Naphthalene	8.09	128	86742	2.687	ng	98
38) 1-Methylnaphthalene	8.89	142	50128	2.376	ng	# 96
50) Dimethylphthalate	9.54	163	118562	5.072	ng	98
75) Fluoranthene	12.53	202	102791	4.106	ng	98
78) Pyrene	12.75	202	108210	4.705	ng	94
81) Benzo(a)anthracene	13.94	228	187878m	10.592	ng	
83) Chrysene	13.97	228	181205	9.698	ng	97
86) Indeno(1,2,3-cd)pyrene	16.80	276	271657m	20.145	ng	
88) Benzo(b)fluoranthene	14.98	252	509295m	28.459	ng	
89) Benzo(k)fluoranthene	15.00	252	151534m	8.862	ng	
90) Benzo(a)pyrene	15.33	252	409030	25.346	ng	97
91) Dibenzo(a,h)anthracene	16.82	278	78863m	6.195	ng	
92) Benzo(a,h,i)perylene	17.23	276	257026	20.569	ng	94

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

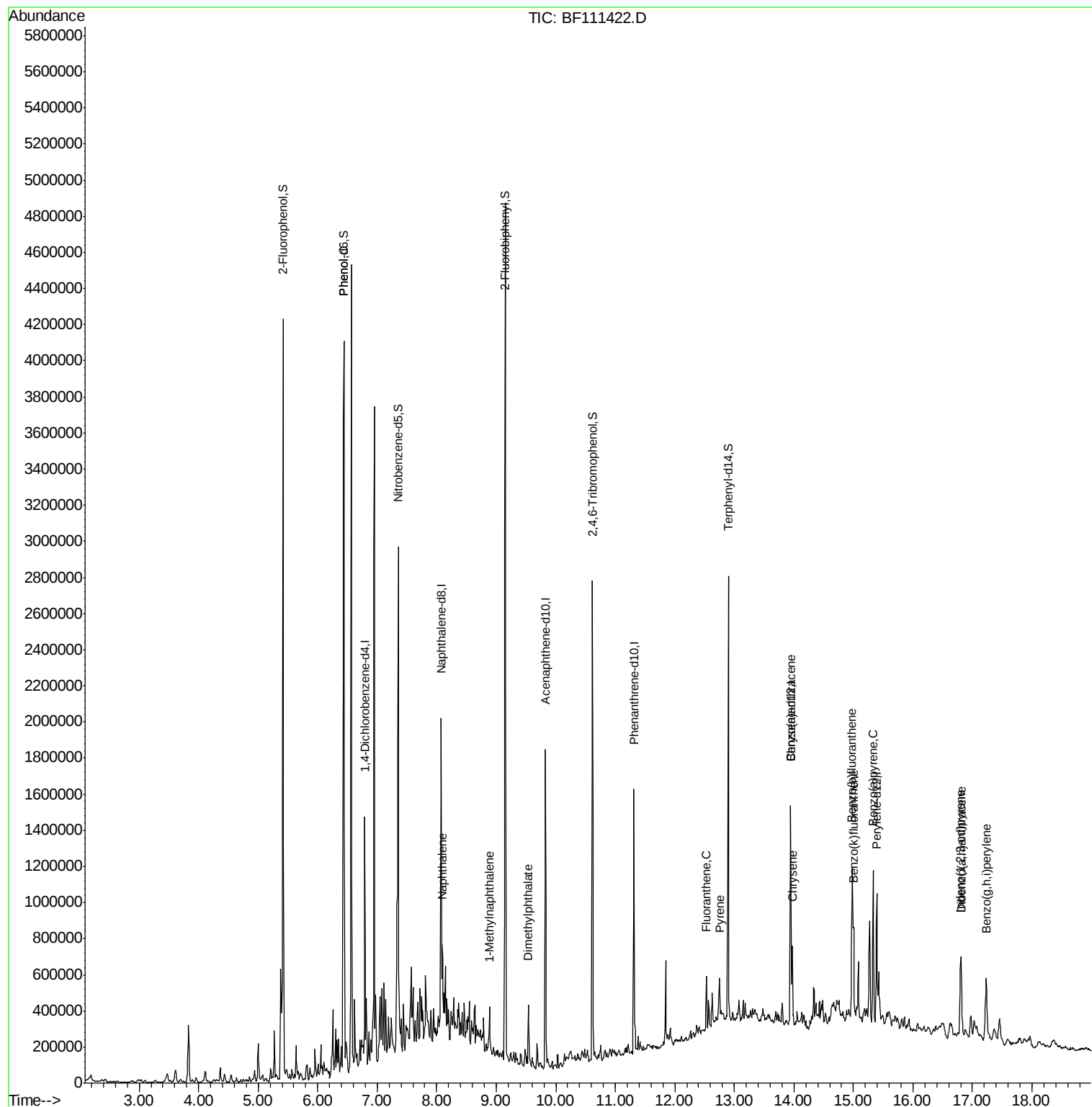
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111422.D
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Operator : JU/SJ
Sample : J6319-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

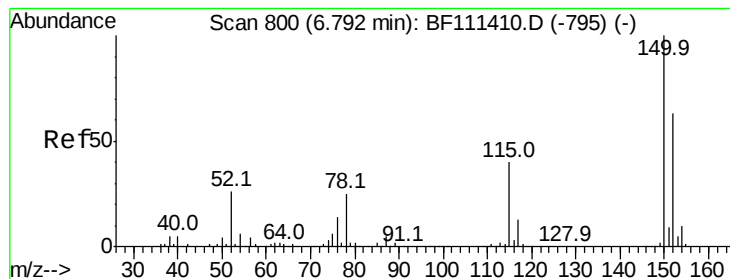
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

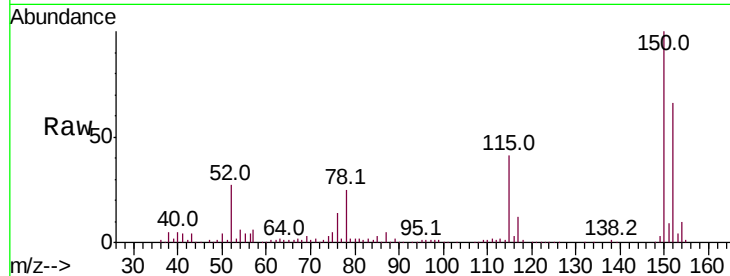
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :
063_SW-E-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.6	189.8
115	62.2	50.7	76.1

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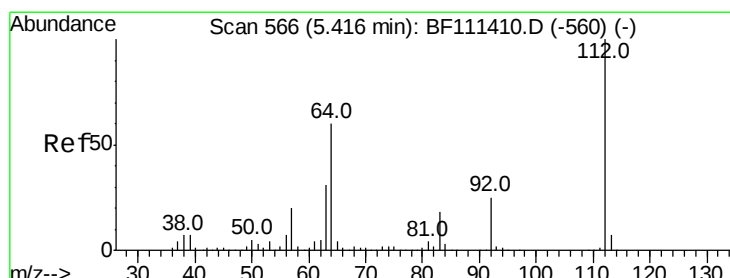
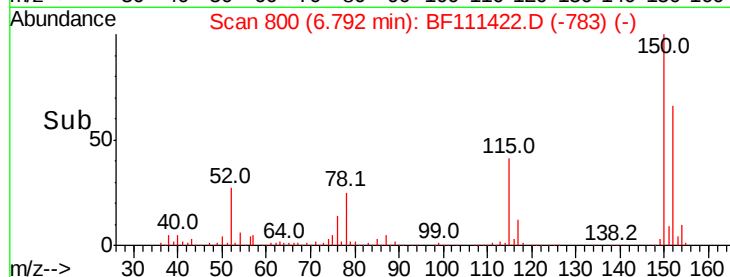
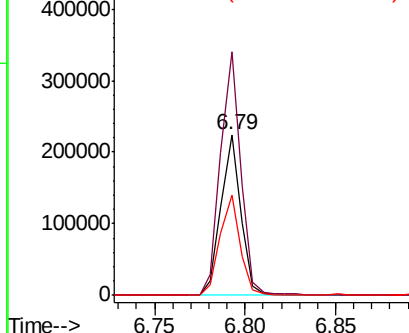


Abundance

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: 108.245 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

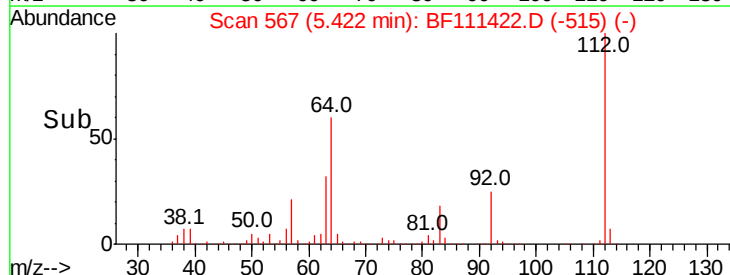
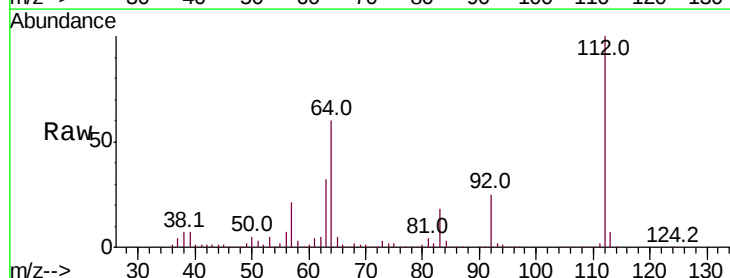
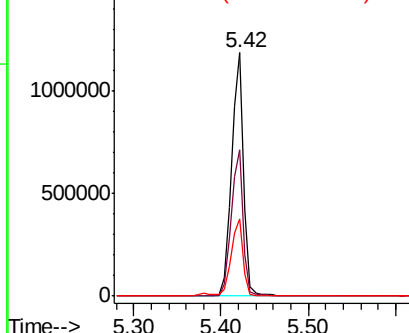
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	51.8	77.6
63	31.9	26.8	40.2

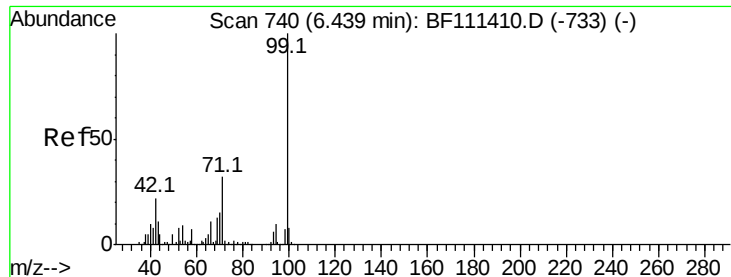
Abundance

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: 102.997 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111422.D

Acq: 14 Dec 2018 16:49

Instrument :

BNA_F

ClientSampleId :

063_SW-E-1

Tot Ion: 99 Resp: 1424522

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

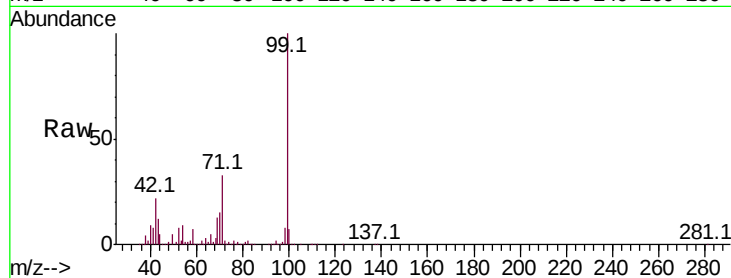
71 33.1 26.1 39.1

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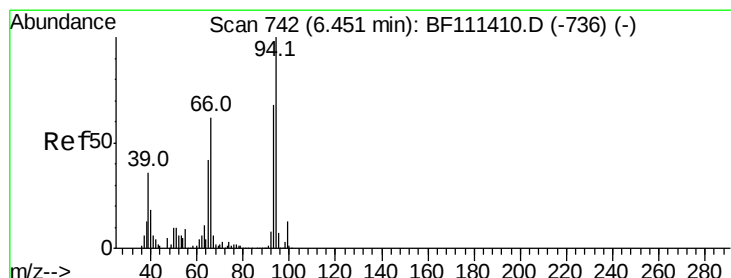
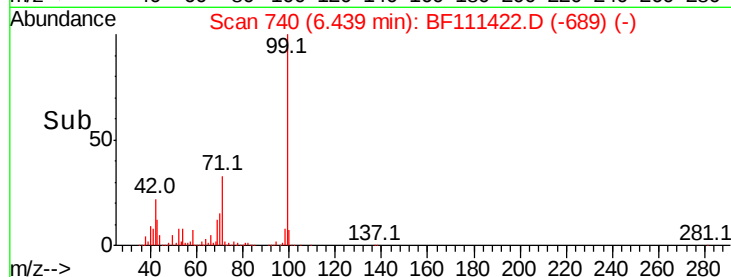
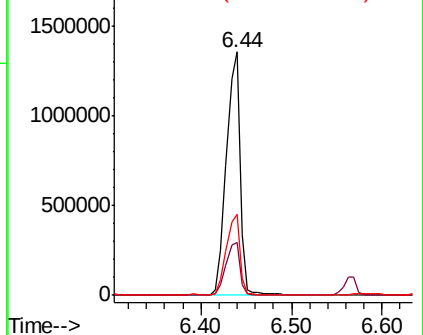
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.745 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111422.D

Acq: 14 Dec 2018 16:49

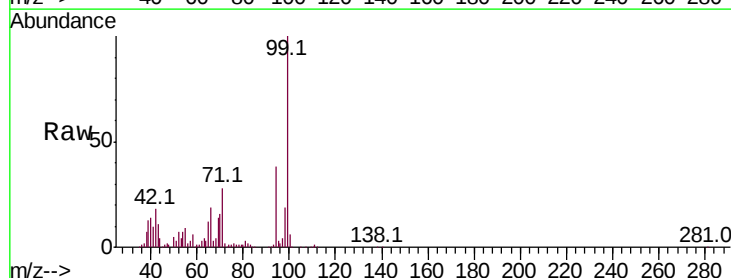
Tgt Ion: 94 Resp: 103920

Ion Ratio Lower Upper

94 100

65 30.6 11.7 51.7

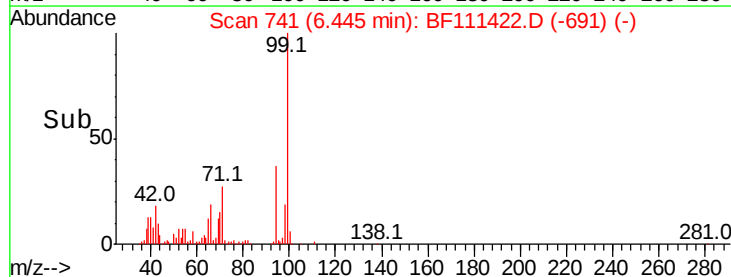
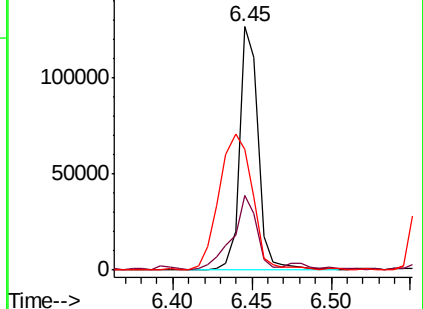
66 49.6 21.0 61.0

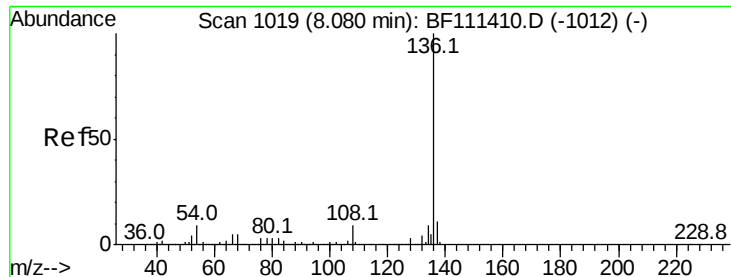


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





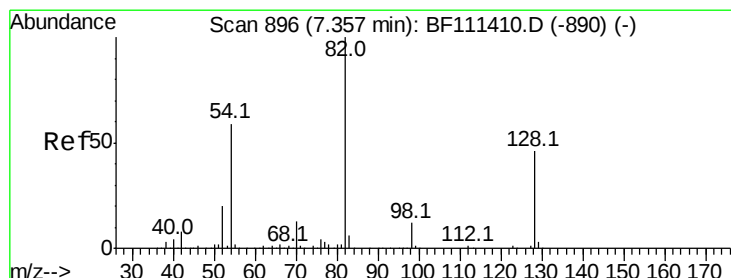
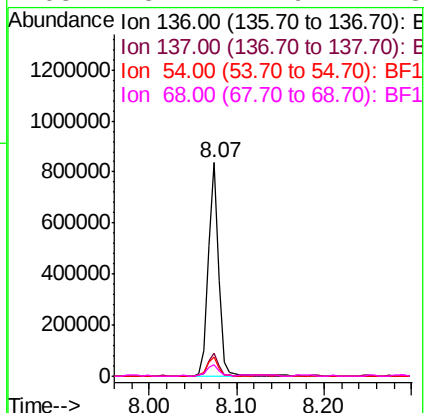
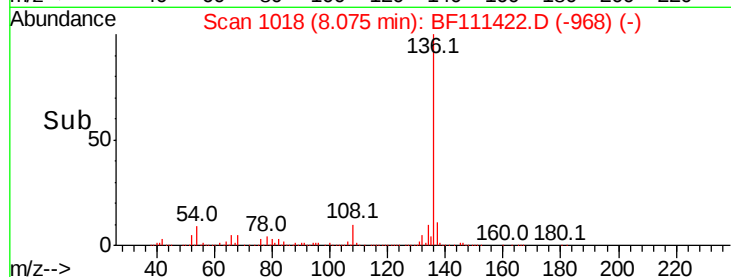
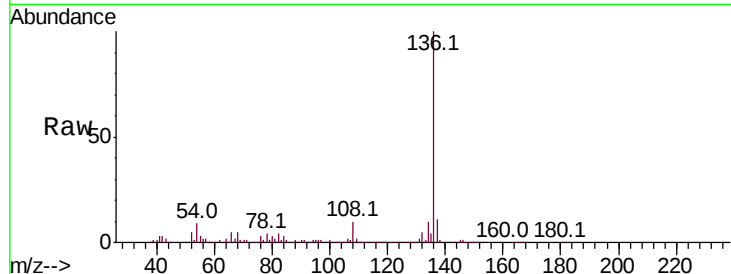
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :
063_SW-E-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		690109		
137	10.9	9.1	13.7		
54	9.2	7.7	11.5		
68	5.2	4.9	7.3		

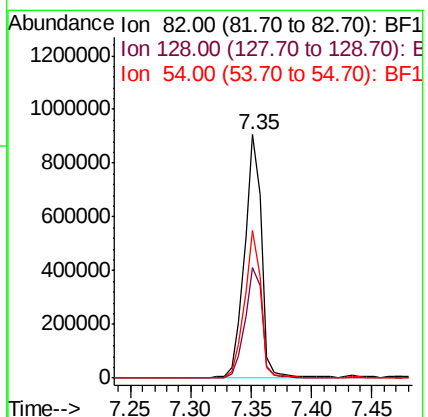
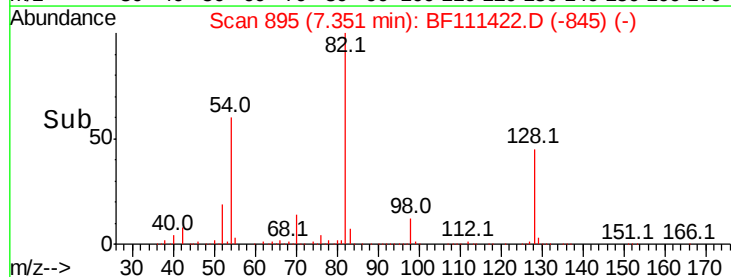
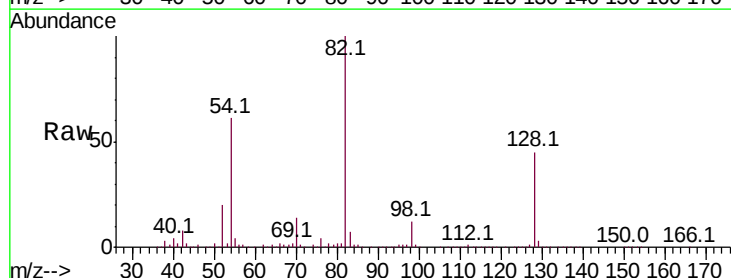
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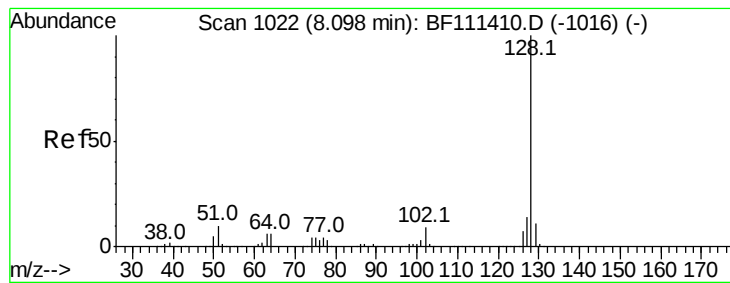
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#23
Nitrobenzene-d5
Concen: 76.474 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		886259		
128	45.3	37.4	56.2		
54	60.5	47.6	71.4		





#31

Naphthalene

Concen: 2.687 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF111422.D

Acq: 14 Dec 2018 16:49

Instrument :

BNA_F

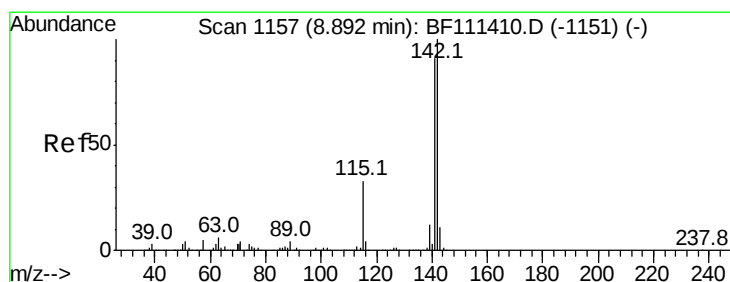
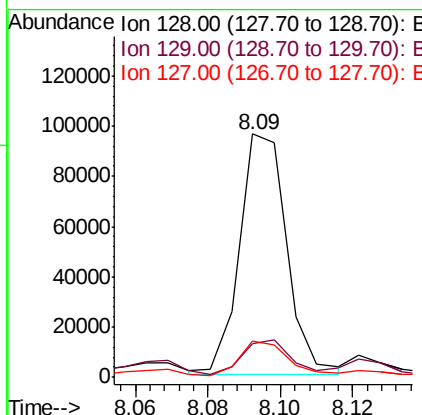
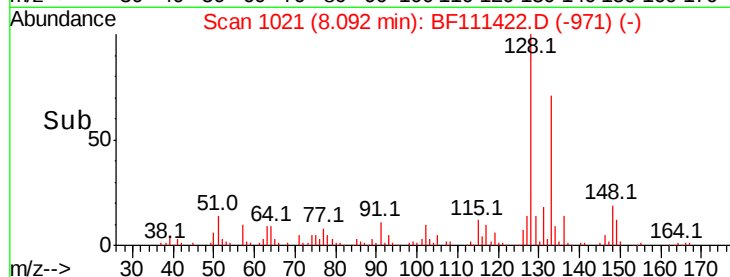
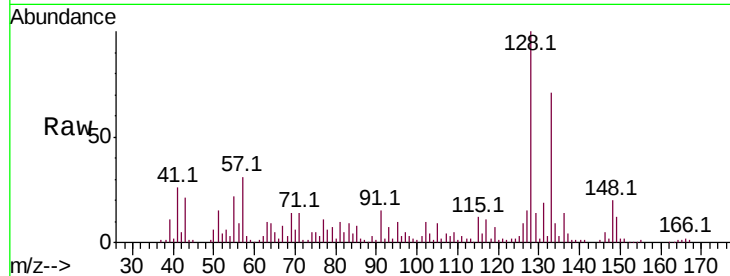
ClientSampleId :

063_SW-E-1

Tot Ion:	128	Resp:	86742
Ion Ratio	Lower	Upper	
128	100		
129	13.7	9.8	14.8
127	15.0	12.0	18.0

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#38

1-Methylnaphthalene

Concen: 2.376 ng

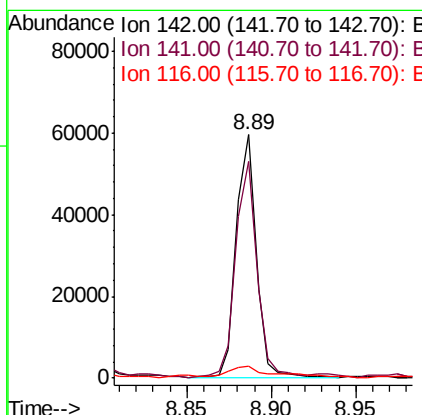
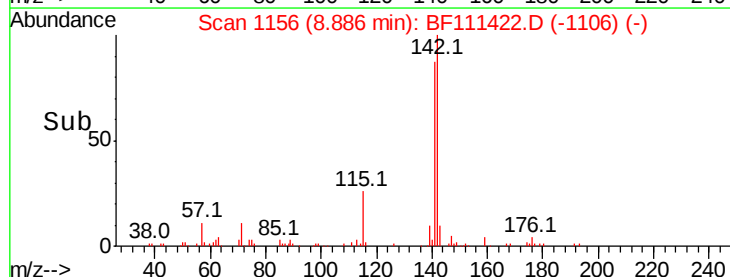
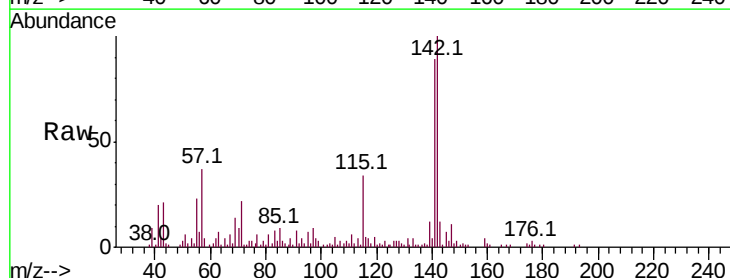
RT: 8.89 min Scan# 1156

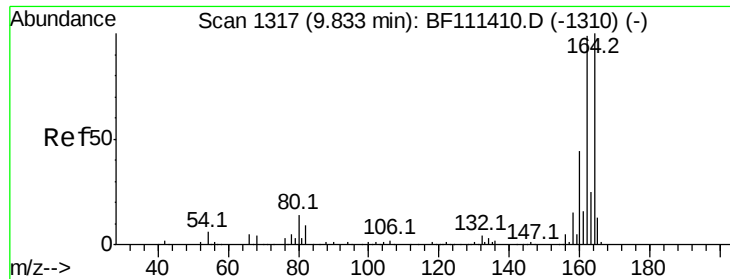
Delta R.T. -0.01 min

Lab File: BF111422.D

Acq: 14 Dec 2018 16:49

Tgt Ion:	142	Resp:	50128
Ion Ratio	Lower	Upper	
142	100		
141	89.0	74.2	111.4
116	4.9	2.9	4.3#





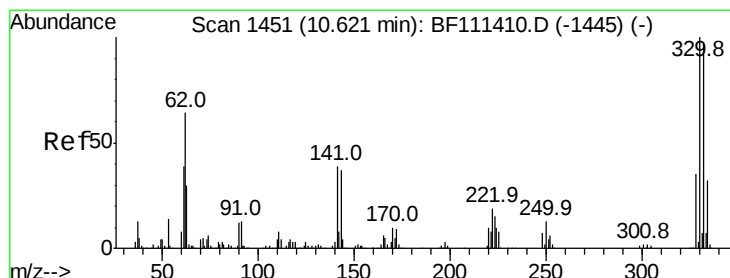
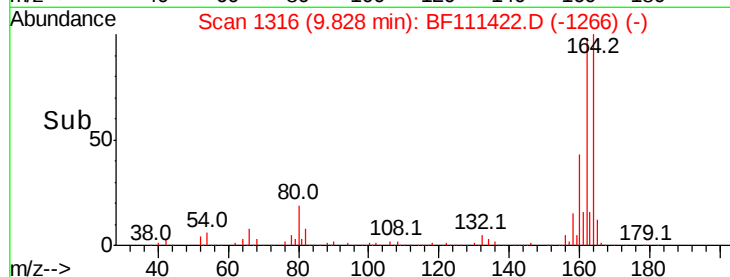
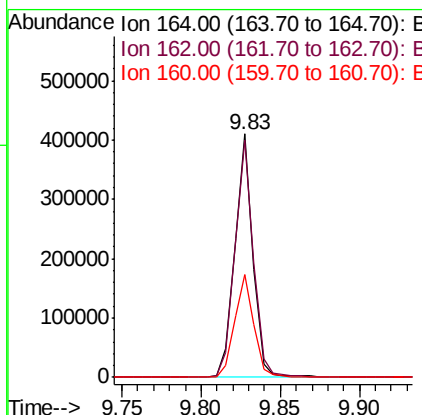
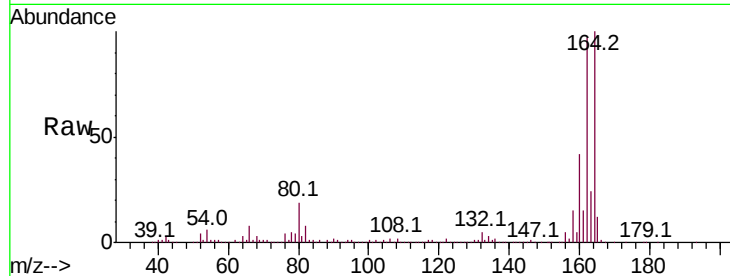
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :
063_SW-E-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.2	81.4	122.0
160	42.2	35.7	53.5

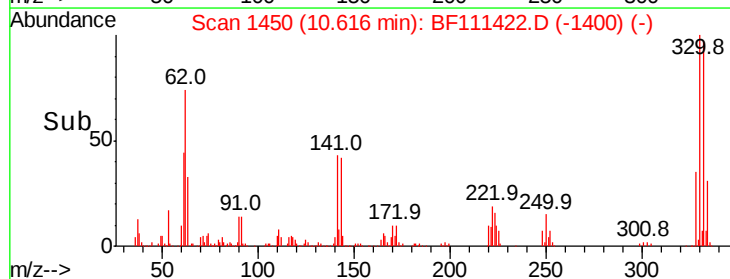
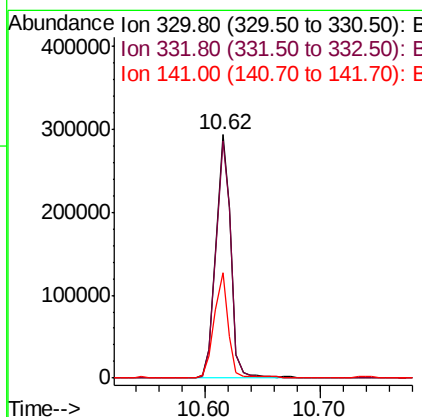
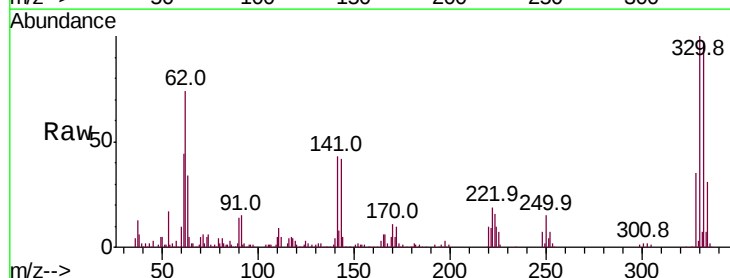
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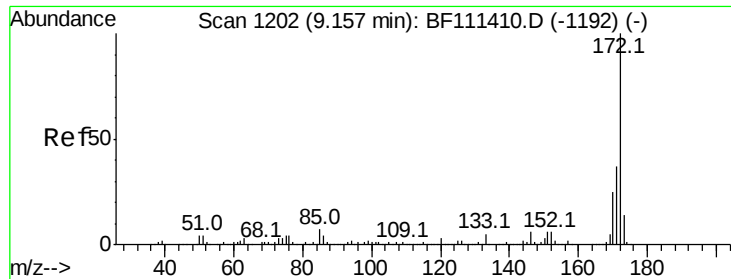
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#42
2,4,6-Tribromophenol
Concen: 90.133 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	41.3	31.0	46.6





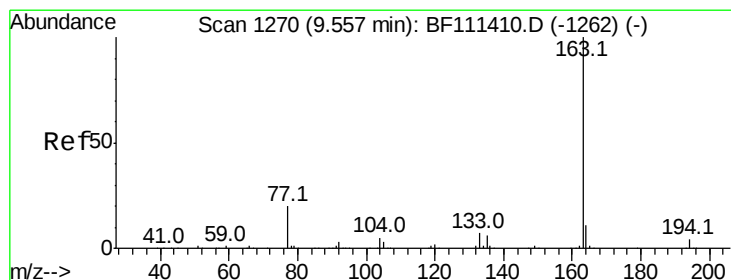
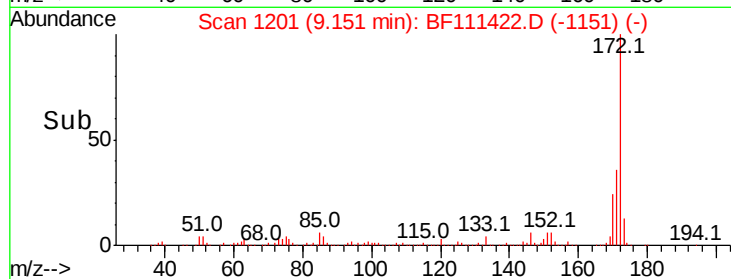
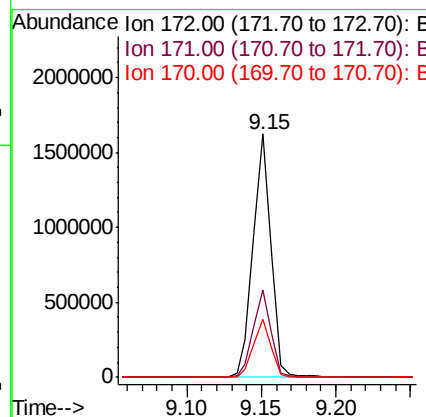
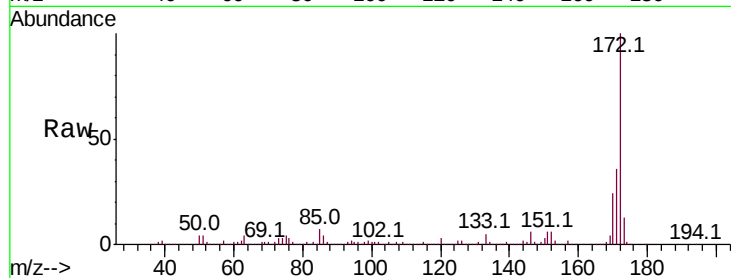
#45
2-Fluorobiphenyl
Concen: 64.231 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :
063_SW-E-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	23.8	22.3	33.5

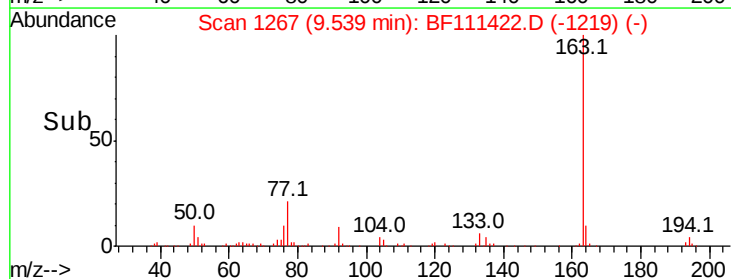
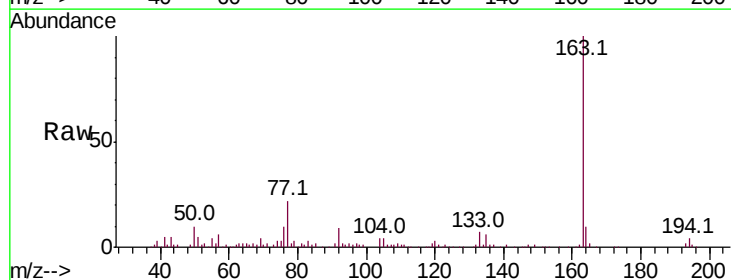
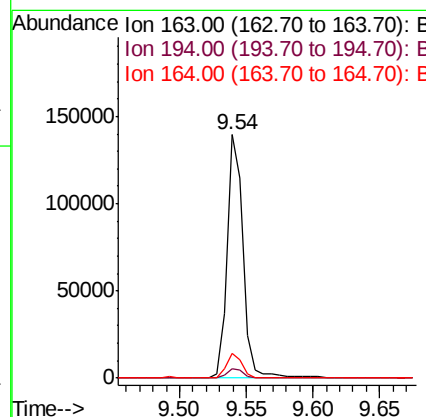
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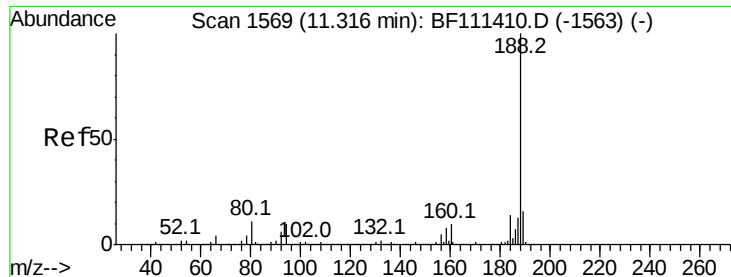
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#50
Dimethylphthalate
Concen: 5.072 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.4	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111422.D

Acq: 14 Dec 2018 16:49

Instrument :

BNA_F

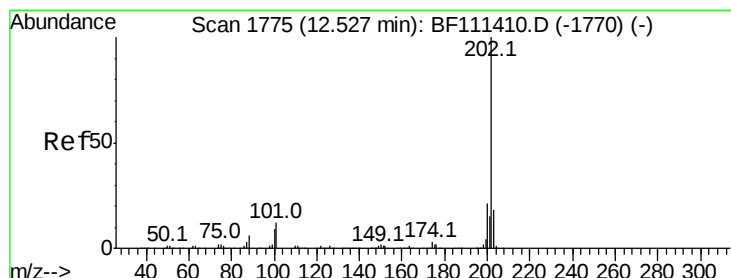
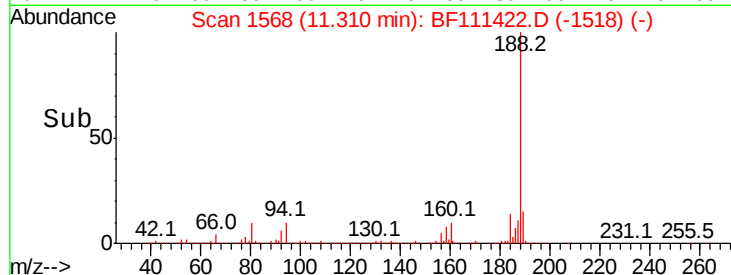
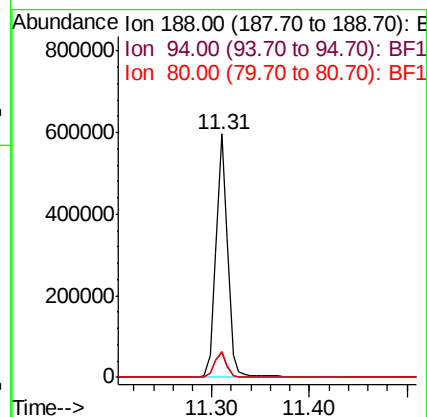
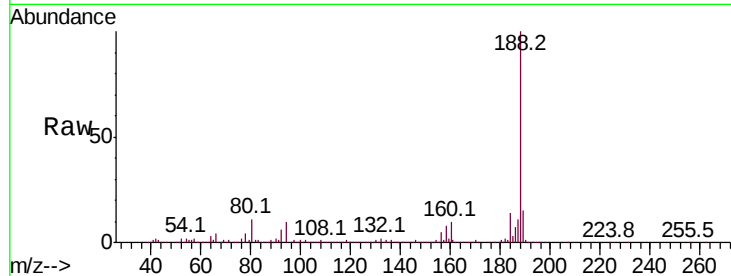
ClientSampleId :

063_SW-E-1

Tot Ion:	188	Resp:	496602
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.6	14.4
80	10.7	9.8	14.6

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#75

Fluoranthene

Concen: 4.106 ng

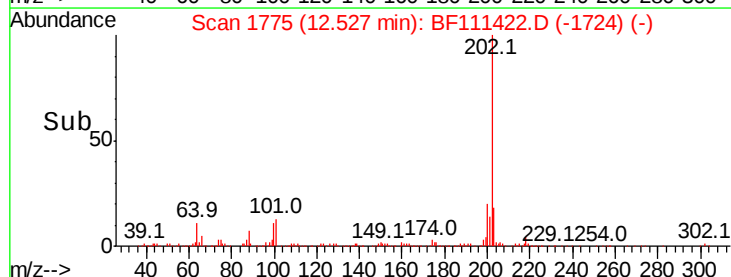
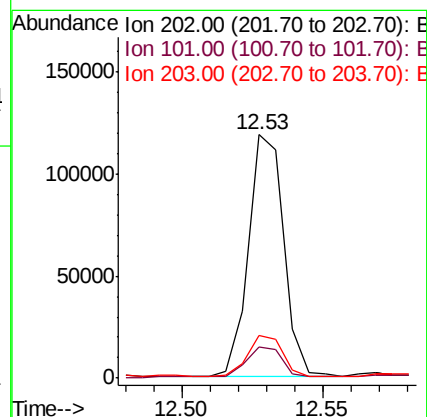
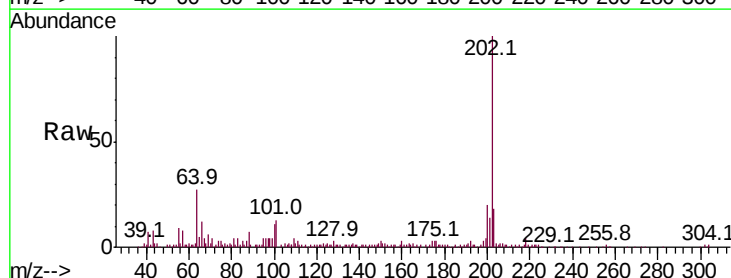
RT: 12.53 min Scan# 1775

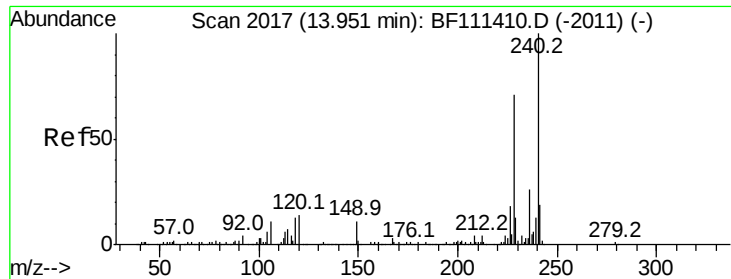
Delta R.T. 0.00 min

Lab File: BF111422.D

Acq: 14 Dec 2018 16:49

Tgt Ion:	202	Resp:	102791
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	33.8
203	17.8	0.0	38.6





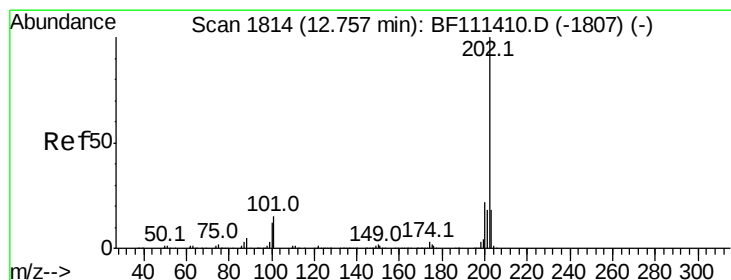
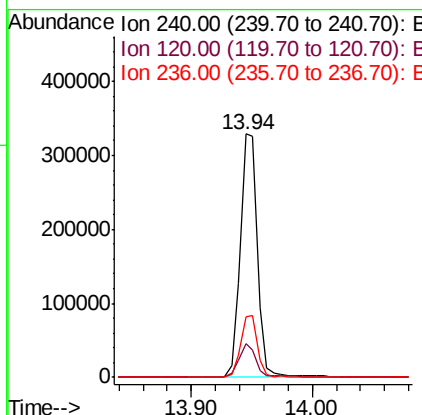
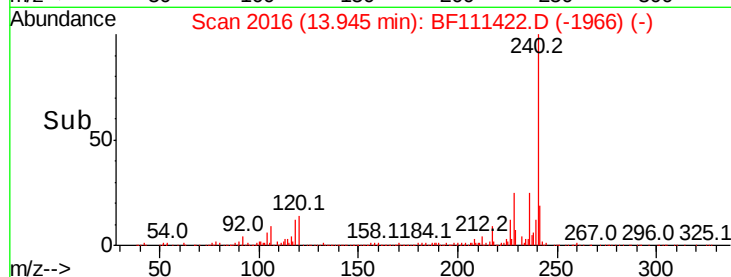
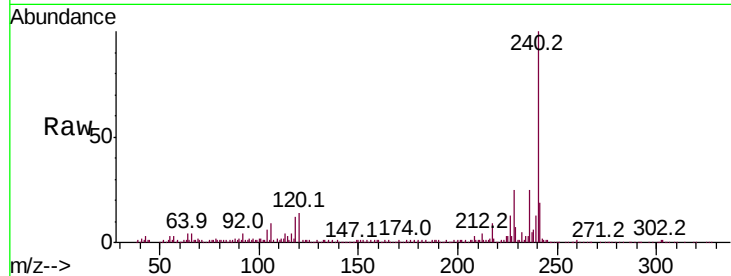
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :
063_SW-E-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	12.2	18.2
236	25.1	20.2	30.2

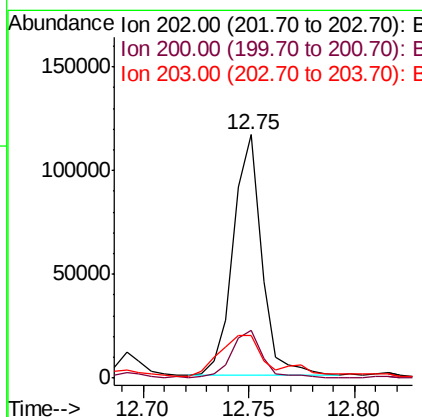
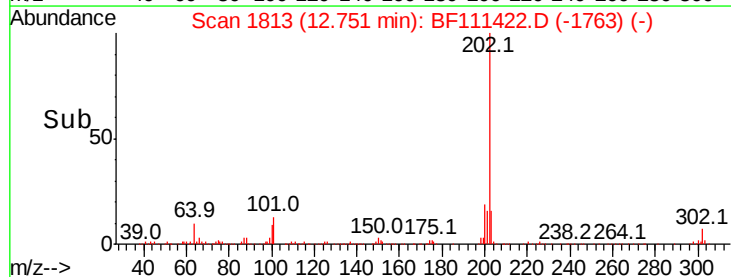
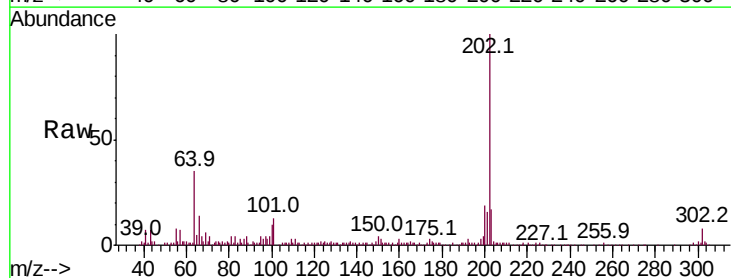
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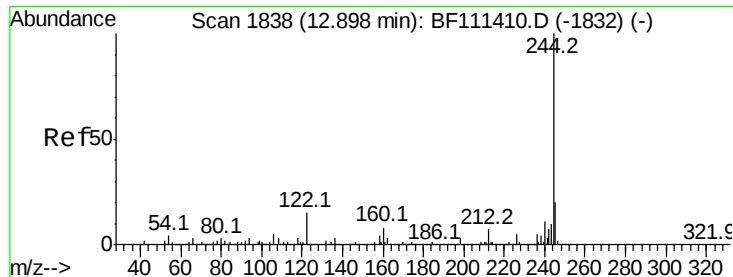
Sohil
12/17/2018 2:36:27 PM



#78
Pyrene
Concen: 4.705 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	19.0	28.4
203	17.5	15.2	22.8





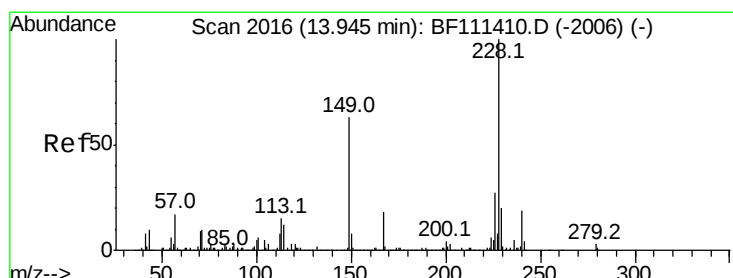
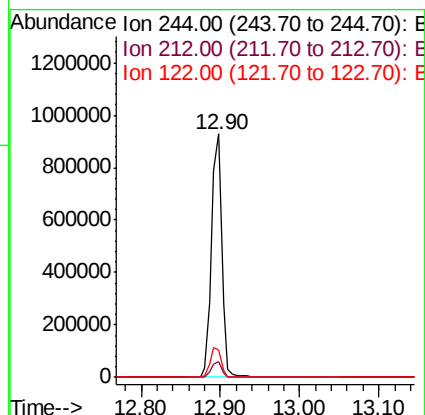
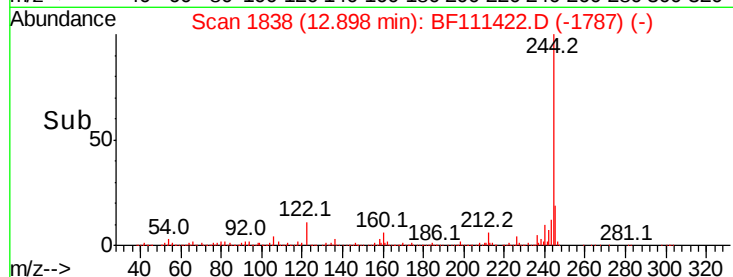
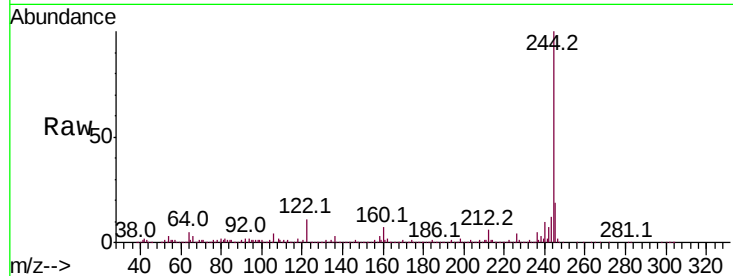
#79
 Terphenyl-d14
 Concen: 61.127 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF111422.D
 Acq: 14 Dec 2018 16:49

Instrument :
 BNA_F
 ClientSampleId :
 063_SW-E-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	11.2	13.1	19.7

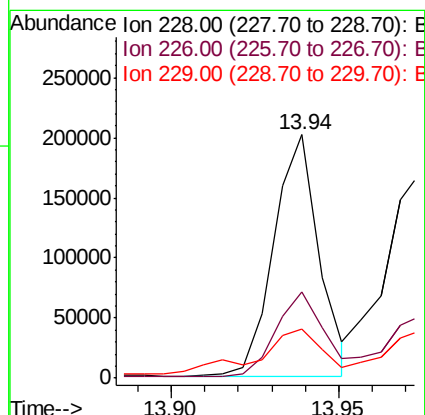
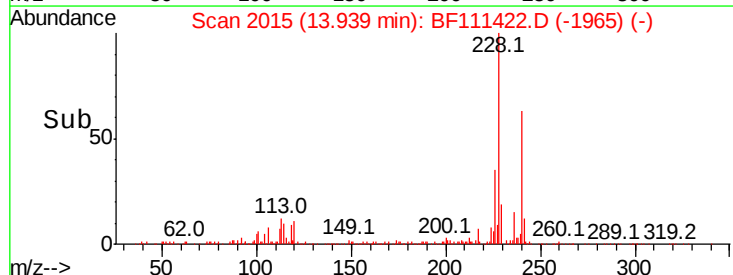
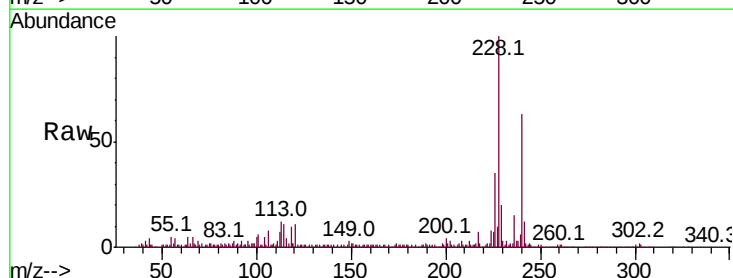
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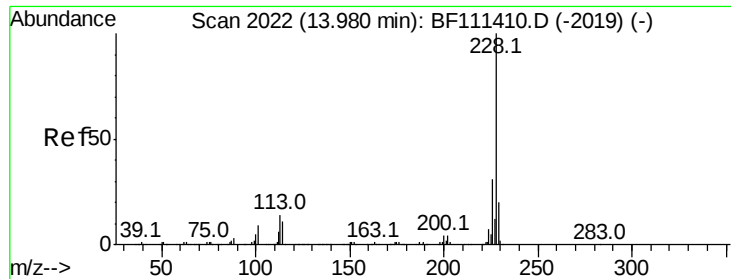
Sohil
 12/17/2018 2:36:27 PM



#81
 Benzo(a)anthracene
 Concen: 10.592 ng m
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111422.D
 Acq: 14 Dec 2018 16:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.2	22.6	34.0
229	20.4	16.3	24.5





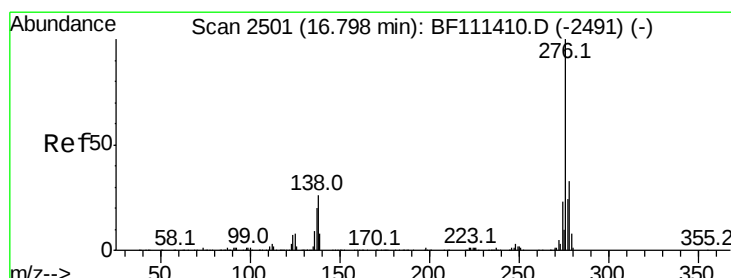
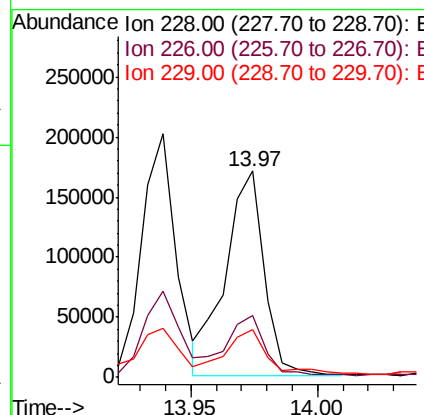
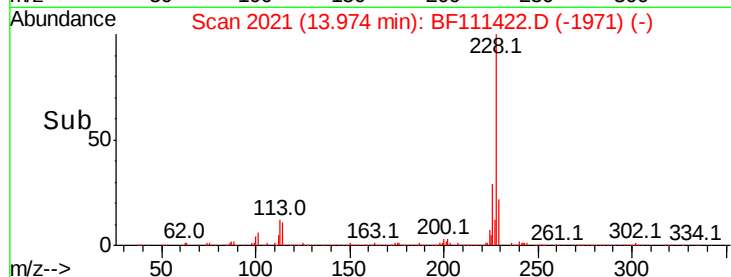
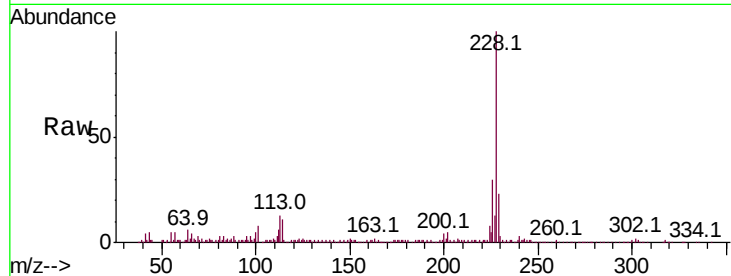
#83
Chrysene
Concen: 9.698 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :
063_SW-E-1

Tot Ion	Ratio	Resp	Lower	Upper
228	100	181205		
226	29.7	25.3	37.9	
229	23.2	17.2	25.8	

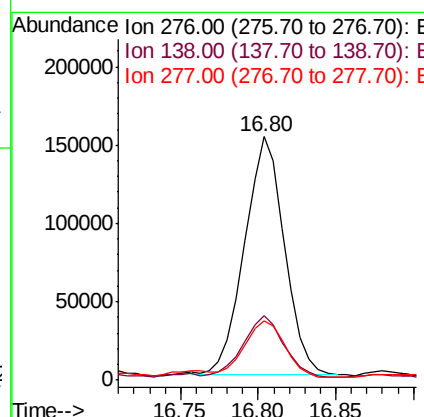
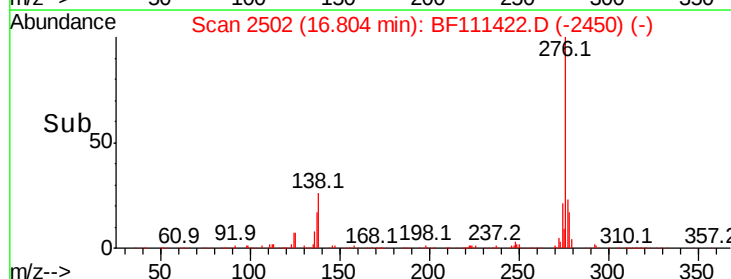
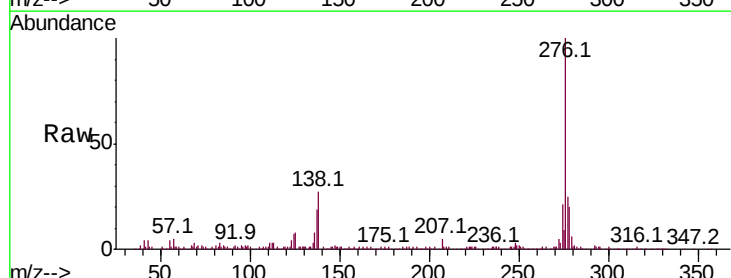
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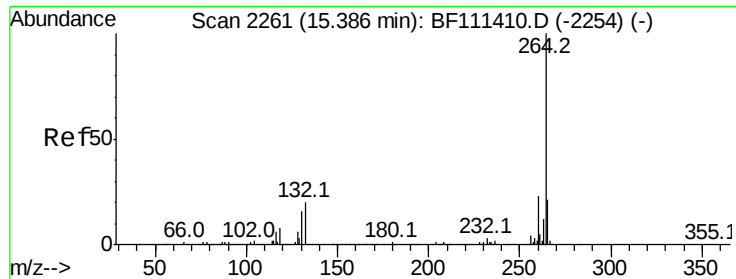
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 20.145 ng m
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	271657		
138	6.1	27.8	41.6#	
277	5.4	20.1	30.1#	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111422.D

Acq: 14 Dec 2018 16:49

Instrument :

BNA_F

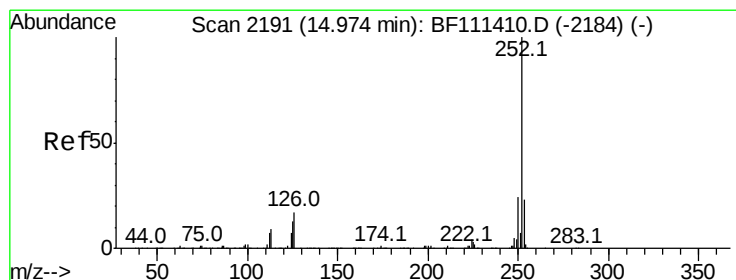
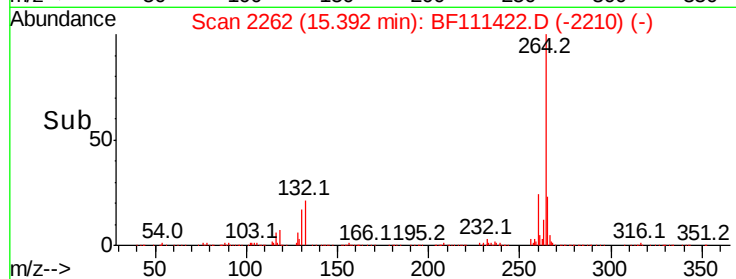
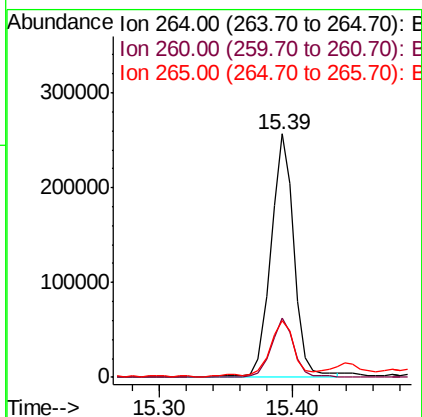
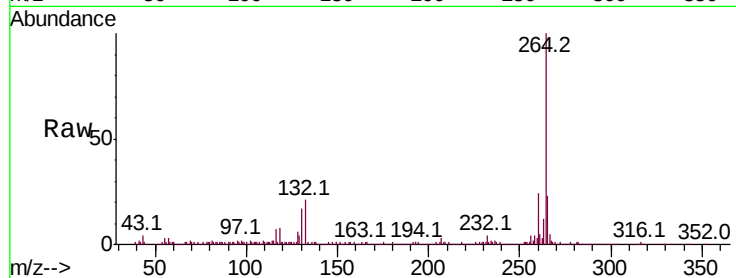
ClientSampleId :

063_SW-E-1

Tot Ion:	264	Resp:	306955
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.3	27.5
265	23.4	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 28.459 ng m

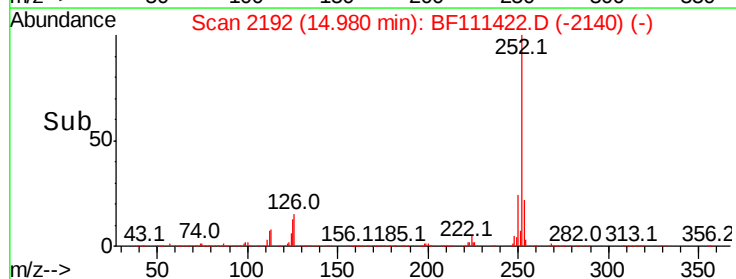
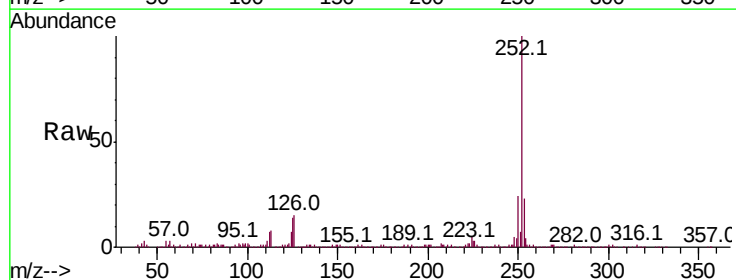
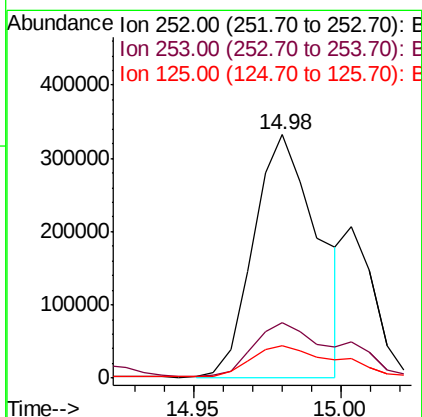
RT: 14.98 min Scan# 2192

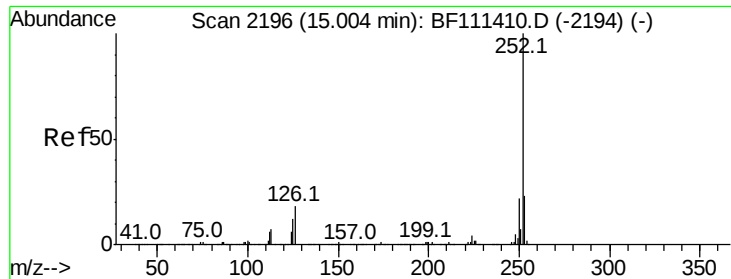
Delta R.T. 0.01 min

Lab File: BF111422.D

Acq: 14 Dec 2018 16:49

Tgt Ion:	252	Resp:	509295
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	13.5	10.4	15.6





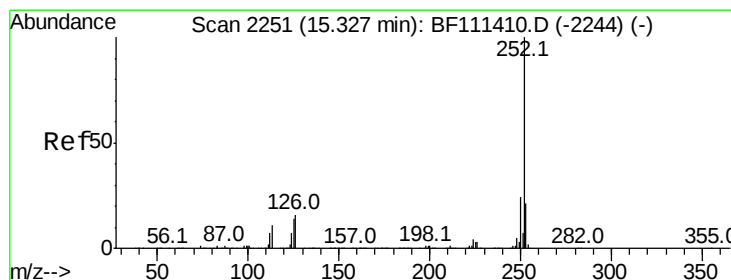
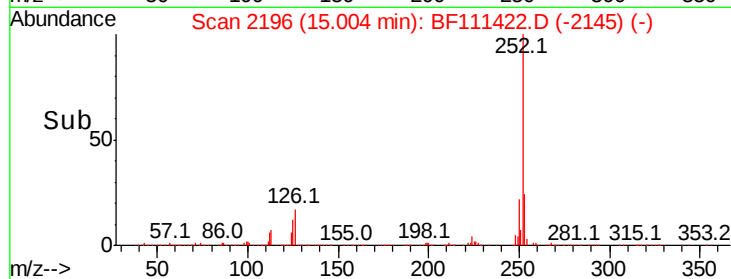
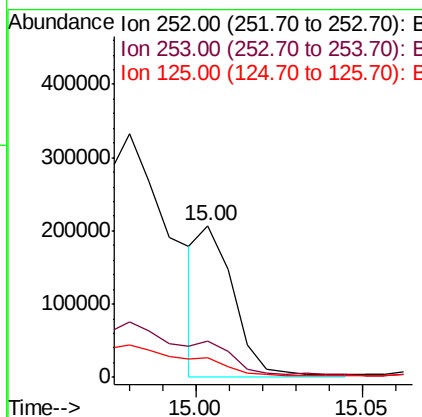
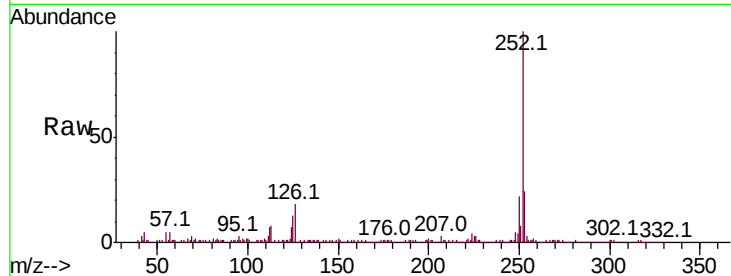
#89
Benzo(k)fluoranthene
Concen: 8.862 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :
063_SW-E-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	12.5	9.8	14.8

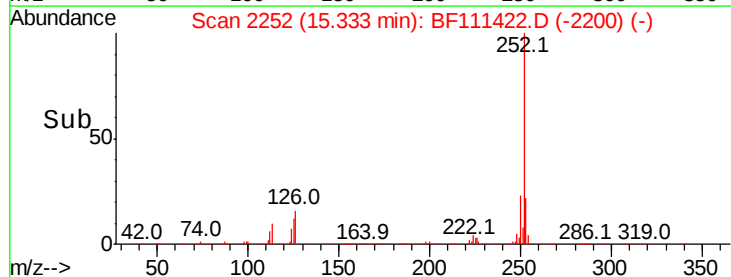
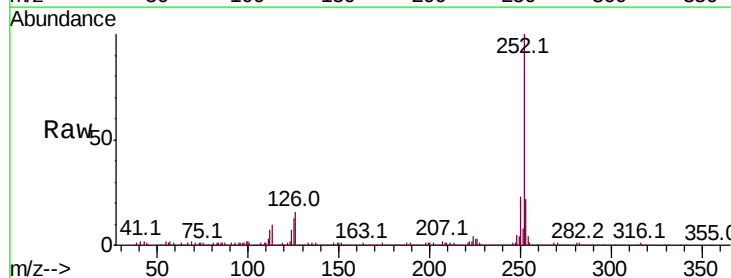
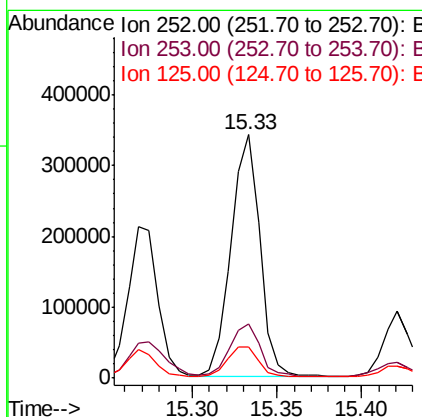
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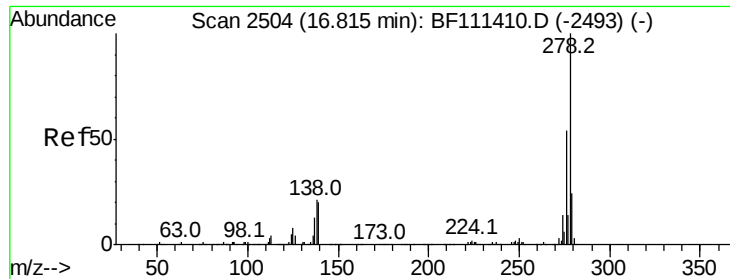
Sohil
12/17/2018 2:36:27 PM



#90
Benzo(a)pyrene
Concen: 25.346 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	12.7	12.3	18.5





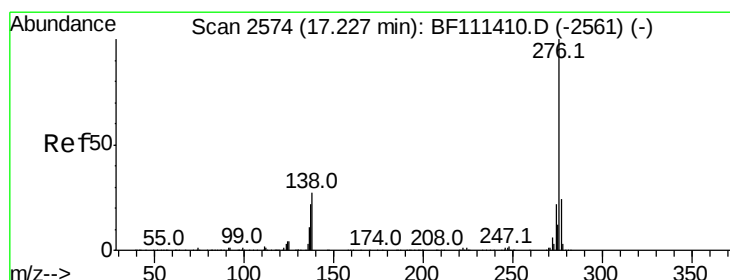
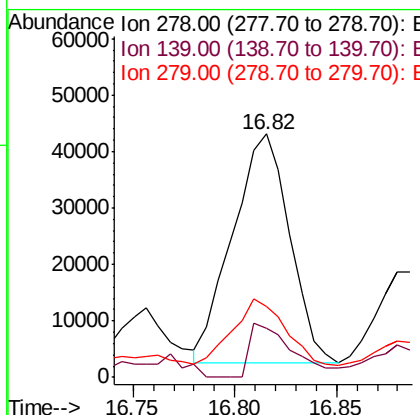
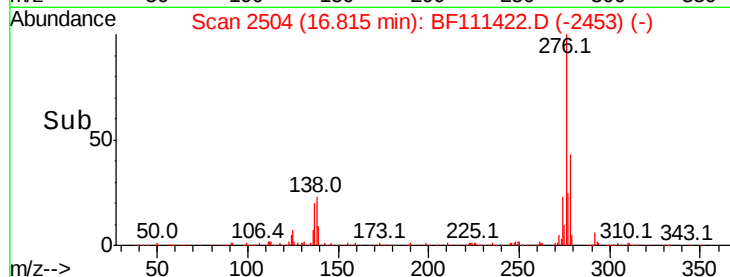
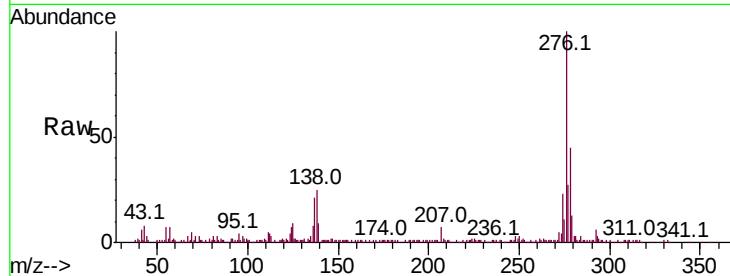
#91
Dibenzo(a,h)anthracene
Concen: 6.195 ng m
RT: 16.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :
063_SW-E-1

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	18.2	27.4
279	28.9	19.0	28.6

Manual Integrations
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12/17/2018 2:36:27 PM



#92
Benzo(g,h,i)perylene
Concen: 20.569 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.2	28.8
138	26.4	24.9	37.3

