

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111546.D
 Acq On : 17 Dec 2018 18:36
 Operator : JU/SJ
 Sample : J6438-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Manual Integrations
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Sohil
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Quant Time: Dec 18 06:11:35 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	143950	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	575287	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	407692	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	688465	20.00	ng	0.00
76) Chrysene-d12	13.95	240	454070	20.00	ng	0.00
87) Perylene-d12	15.39	264	440400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	653514	75.55	ng	0.00
7) Phenol-d6	6.45	99	462244	40.17	ng	0.00
23) Nitrobenzene-d5	7.36	82	922010	95.44	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	486410	133.19	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1909542	72.35	ng	0.00
79) Terphenyl-d14	12.90	244	2005753	103.73	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	31648	4.535	ng	98
10) Phenol	6.46	94	70128	5.471	ng	92
15) Benzyl Alcohol	6.94	79	96710	11.046	ng	90
17) 2-Methylphenol	7.07	107	28206	3.391	ng	93
20) 3+4-Methylphenols	7.22	107	286177	27.426	ng	# 63
27) 2,4-Dimethylphenol	7.74	122	134504	18.153	ng	98
31) Naphthalene	8.09	128	172666	6.417	ng	95
32) Benzoic acid	7.96	122	419169m	65.467	ng	
50) Dimethylphthalate	9.55	163	77479	2.639	ng	99

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

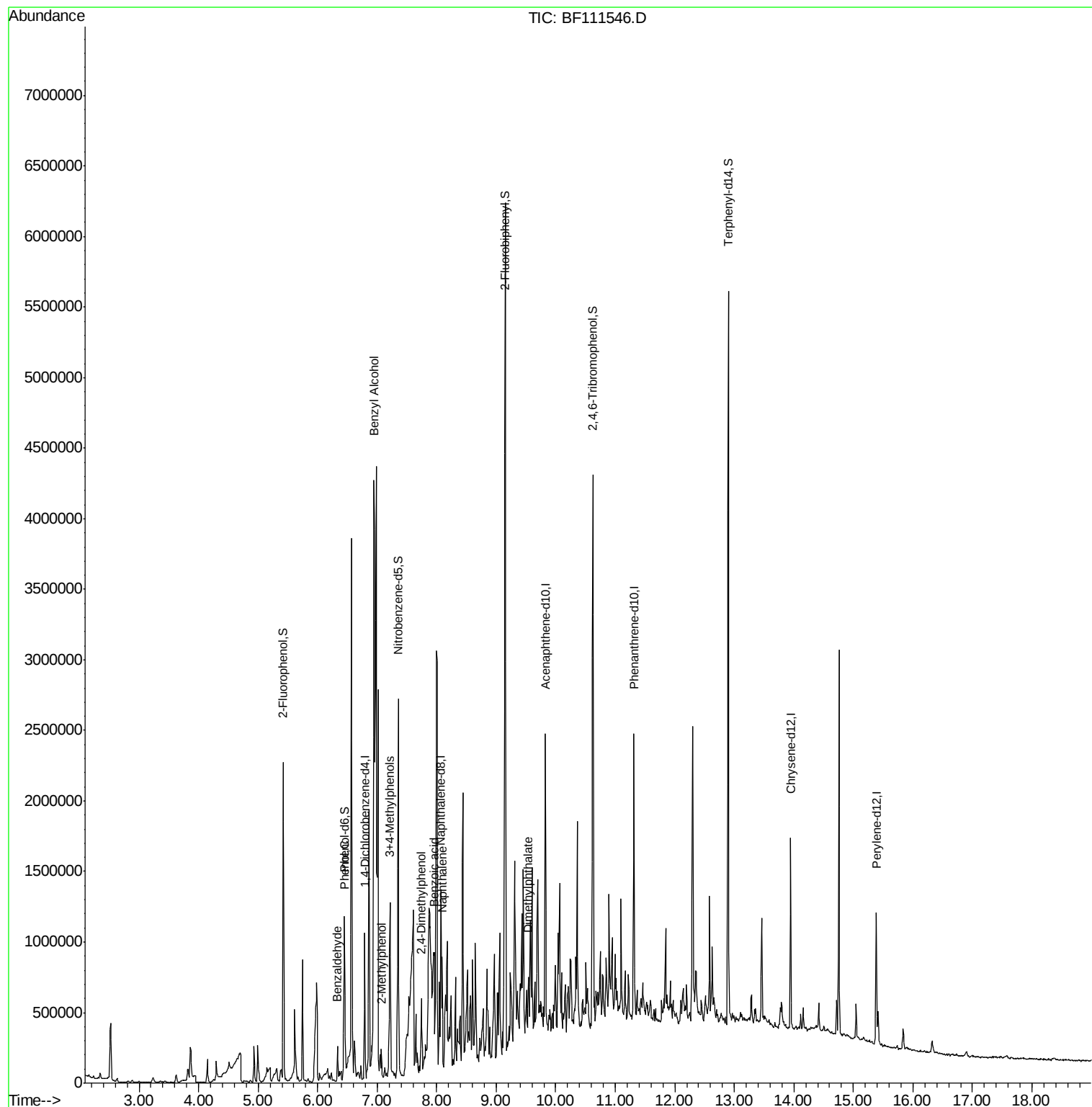
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111546.D
Acq On : 17 Dec 2018 18:36
Operator : JU/SJ
Sample : J6438-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

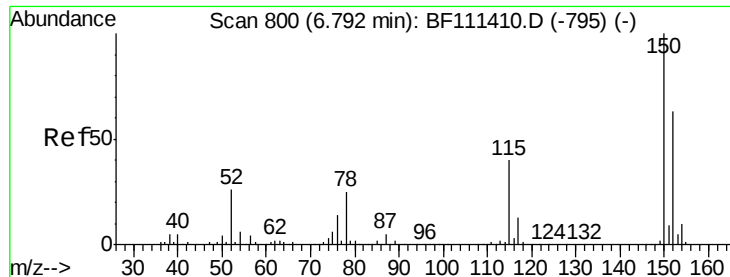
Instrument :
BNA_F
ClientSampleId :
COMP-2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
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#1

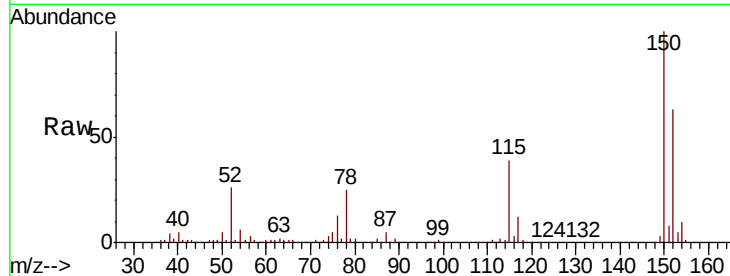
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111546.D
Acq: 17 Dec 2018 18:36

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.6	189.8
115	61.8	50.7	76.1

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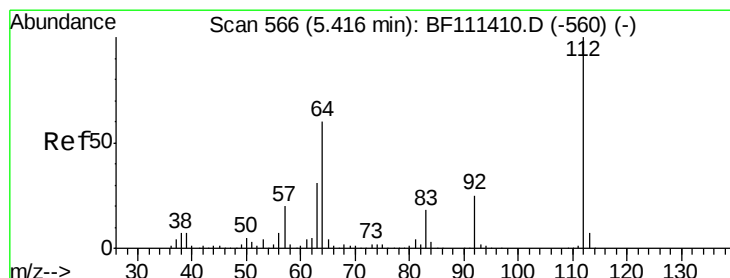
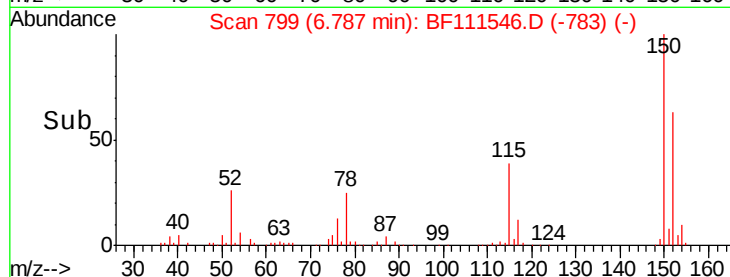
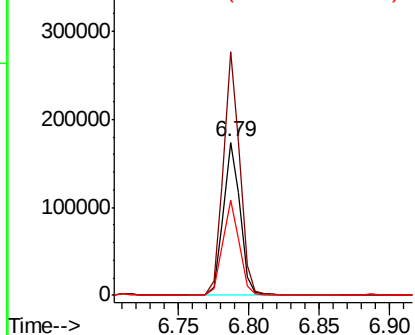


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

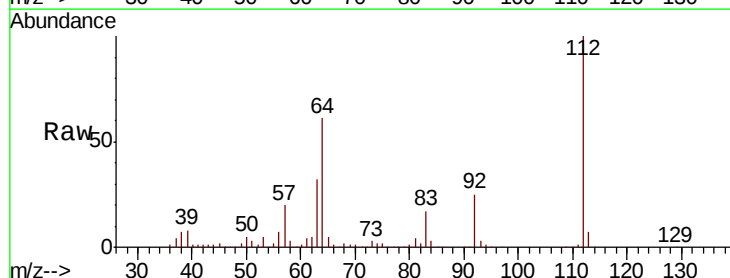
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.546 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111546.D
Acq: 17 Dec 2018 18:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	51.8	77.6
63	31.8	26.8	40.2

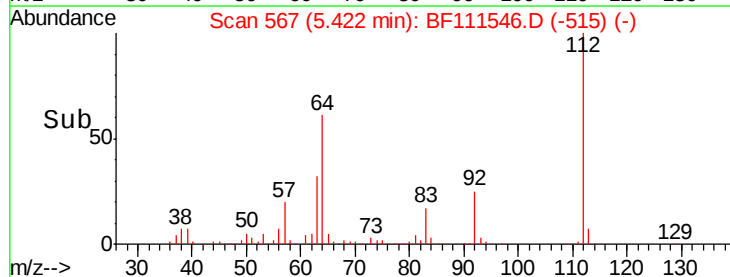
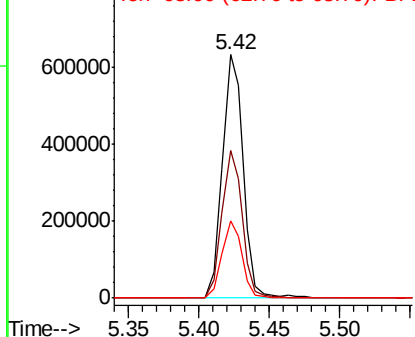


Abundance

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: 40.172 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111546.D

Acq: 17 Dec 2018 18:36

Instrument :

BNA_F

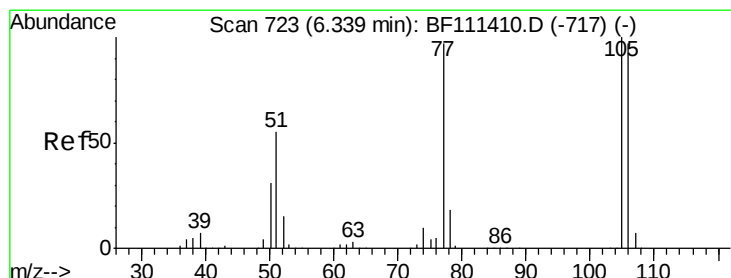
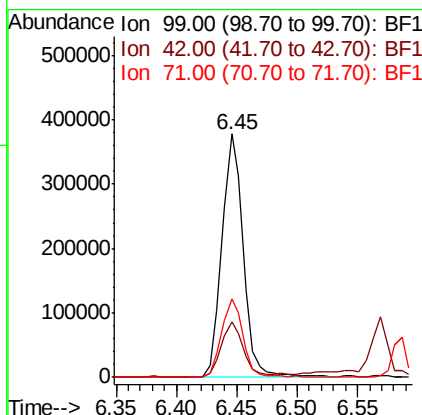
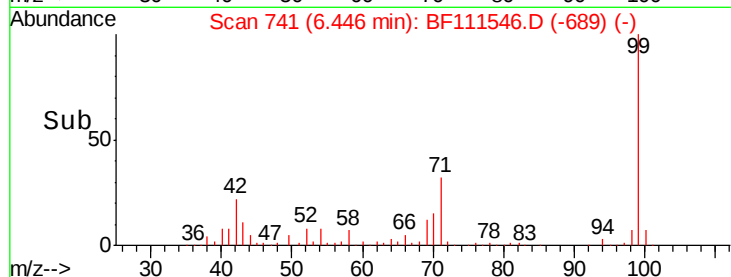
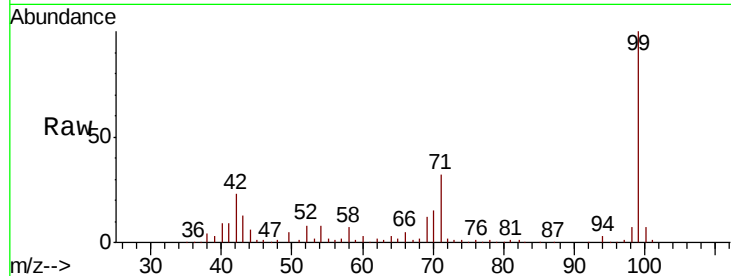
ClientSampled :

COMP-2

Tot Ion:	99	Resp:	462244
Ion Ratio	Lower	Upper	
99	100		
42	22.6	17.4	26.0
71	32.2	26.1	39.1

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#9

Benzaldehyde

Concen: 4.535 ng

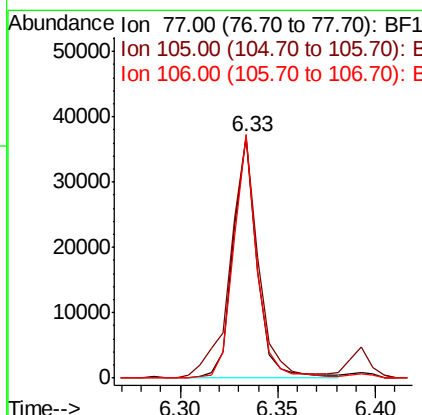
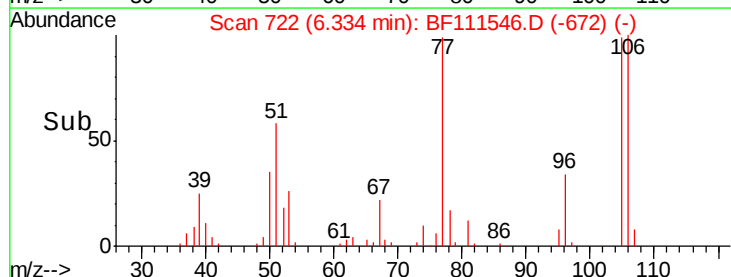
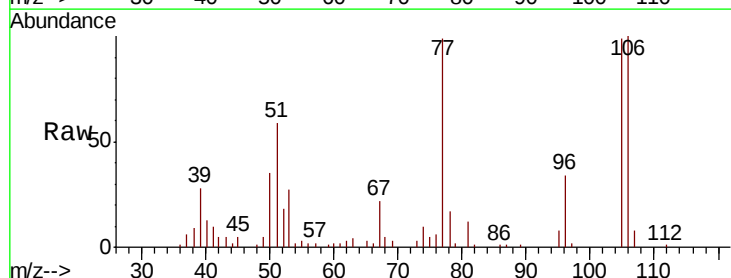
RT: 6.33 min Scan# 722

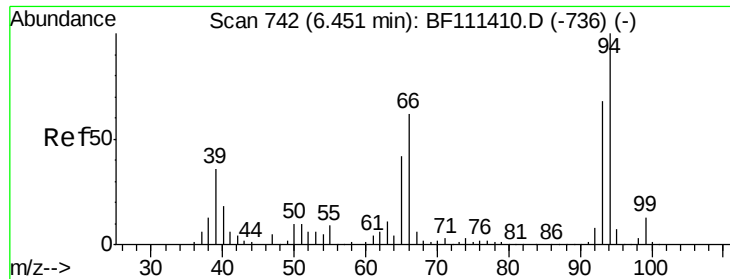
Delta R.T. -0.01 min

Lab File: BF111546.D

Acq: 17 Dec 2018 18:36

Tgt Ion:	77	Resp:	31648
Ion Ratio	Lower	Upper	
77	100		
105	99.7	81.4	121.4
106	100.8	77.9	117.9





#10

Phenol

Concen: 5.471 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111546.D

Acq: 17 Dec 2018 18:36

Instrument :

BNA_F

ClientSampled :

COMP-2

Tot Ion: 94 Resp: 70128

Ion Ratio Lower Upper

94 100

65 30.5 11.7 51.7

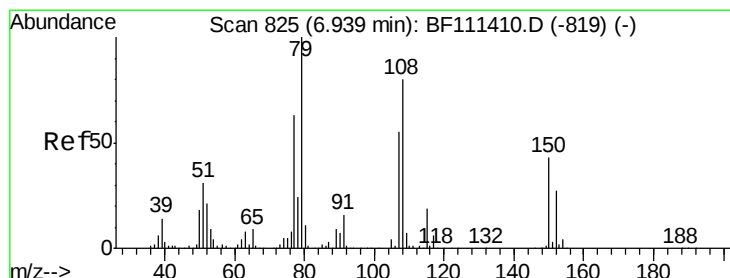
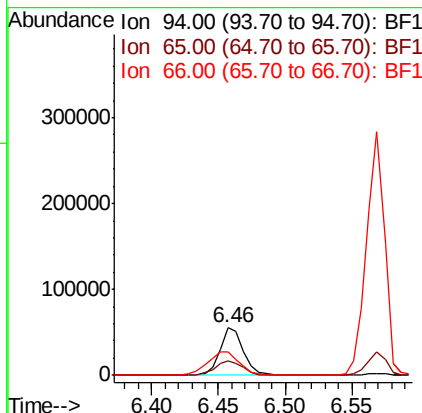
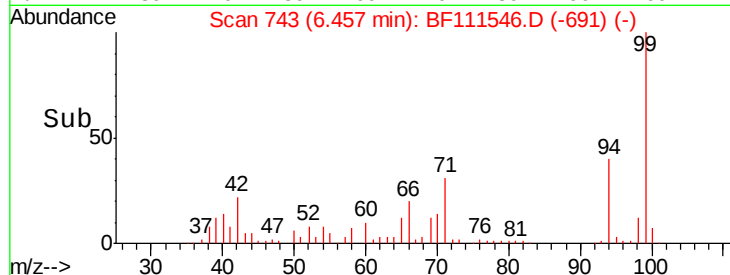
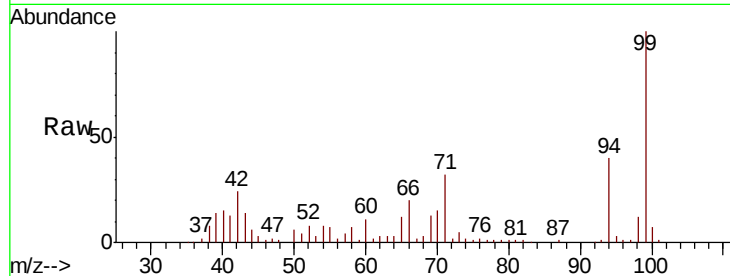
66 48.6 21.0 61.0

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#15

Benzyl Alcohol

Concen: 11.046 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF111546.D

Acq: 17 Dec 2018 18:36

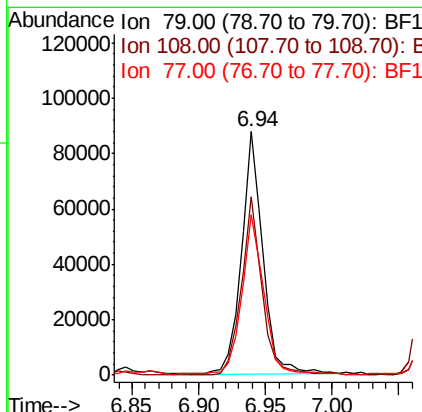
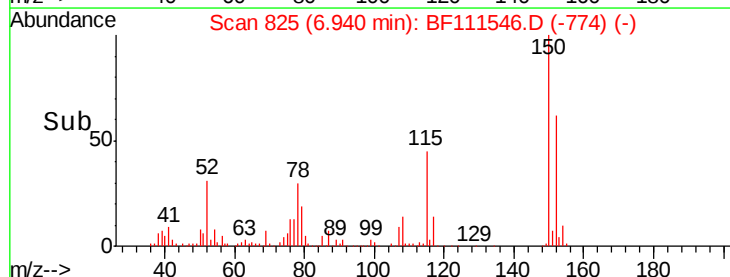
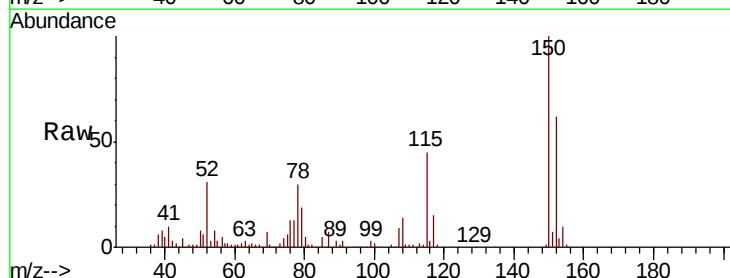
Tgt Ion: 79 Resp: 96710

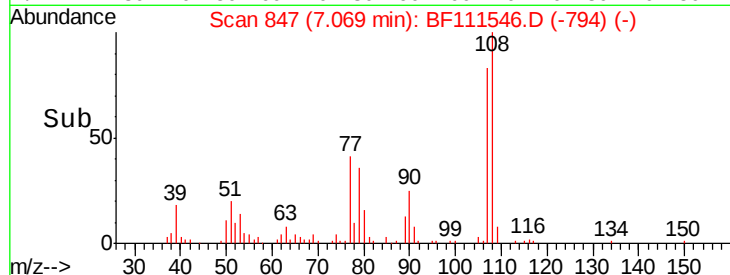
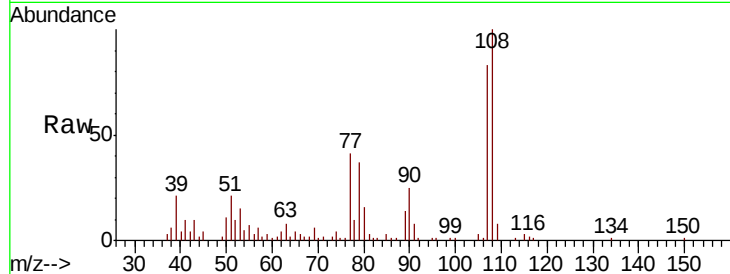
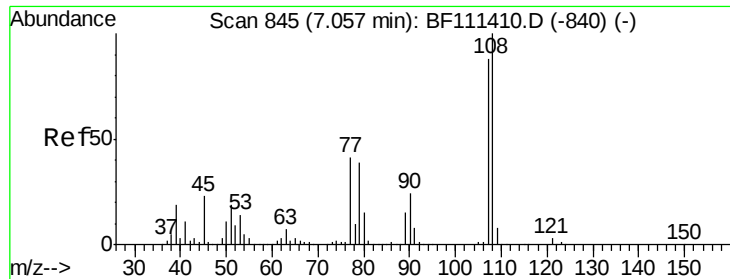
Ion Ratio Lower Upper

79 100

108 73.4 69.4 104.2

77 65.8 49.7 74.5





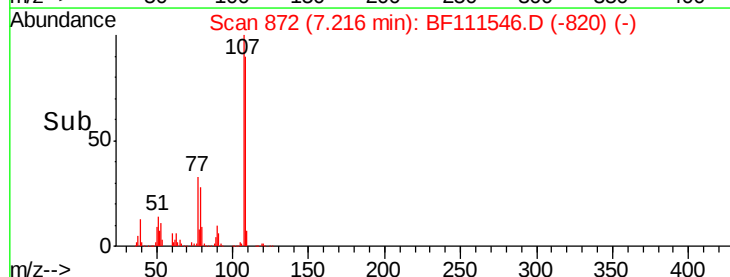
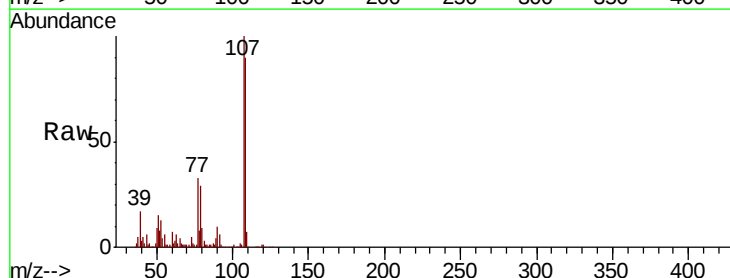
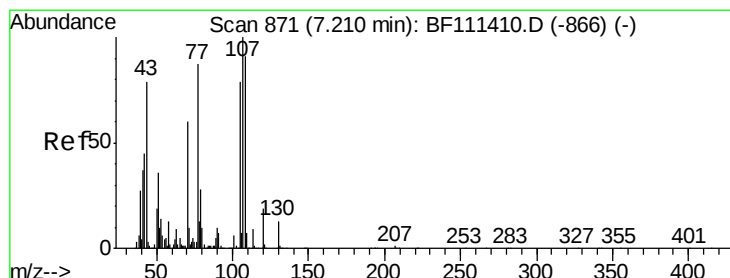
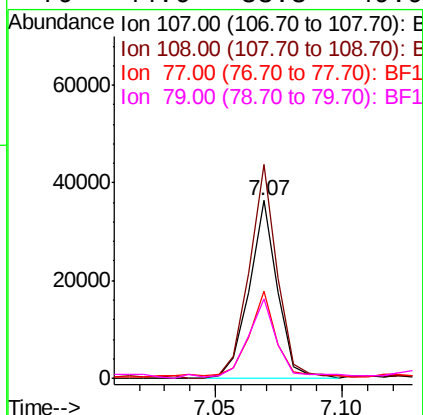
#17
2-Methylphenol
Concen: 3.391 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF111546.D
Acq: 17 Dec 2018 18:36

Tot Ion	107	Resp	28206
Ion Ratio	Lower	Upper	
107	100		
108	120.3	91.0	136.4
77	48.9	33.5	50.3
79	44.6	33.3	49.9

Instrument :
BNA_F
ClientSampleId :
COMP-2

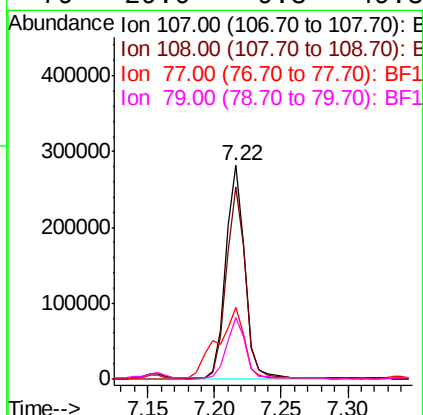
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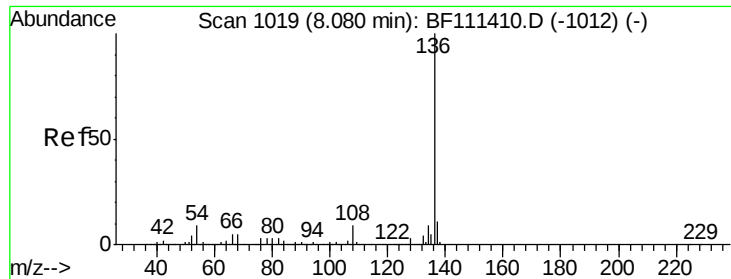
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#20
3+4-Methylphenols
Concen: 27.426 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111546.D
Acq: 17 Dec 2018 18:36

Tgt Ion	107	Resp	286177
Ion Ratio	Lower	Upper	
107	100		
108	90.0	72.1	112.1
77	33.3	94.1	134.1#
79	29.0	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111546.D

Acq: 17 Dec 2018 18:36

Instrument :

BNA_F

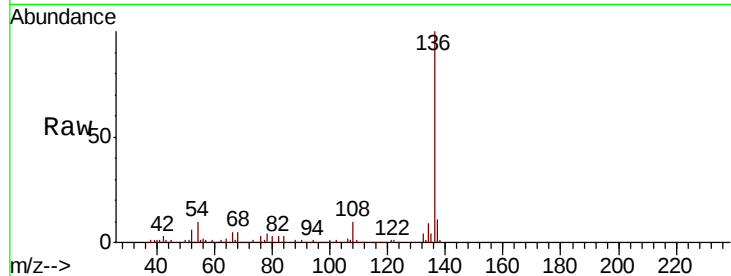
ClientSampleId :

COMP-2

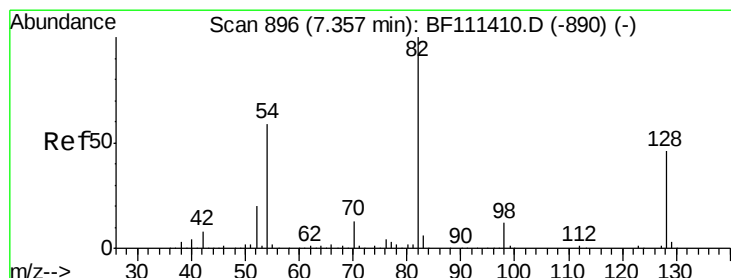
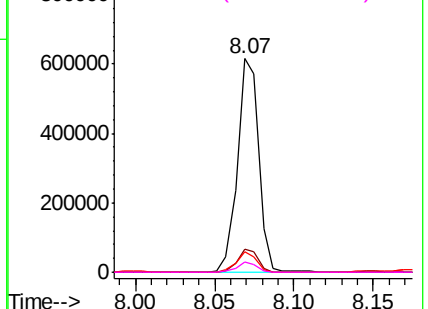
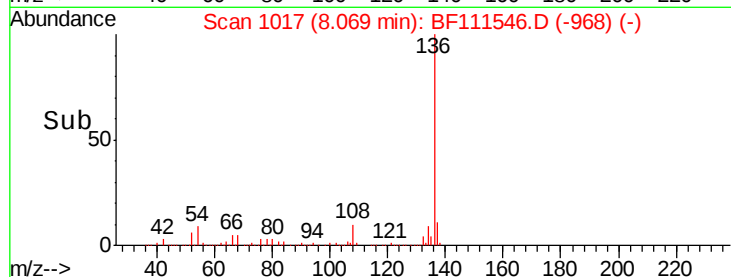
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.6	7.7	11.5
68	4.7	4.9	7.3#

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 95.438 ng

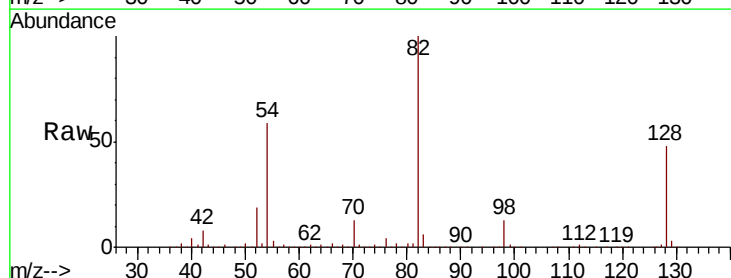
RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

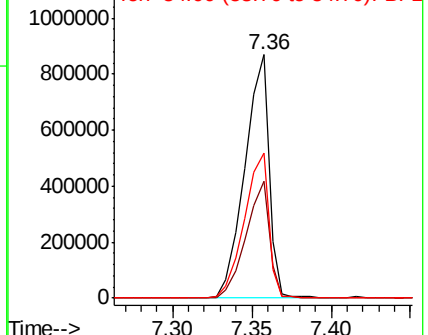
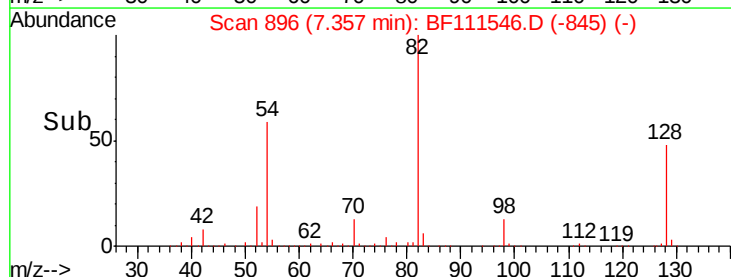
Lab File: BF111546.D

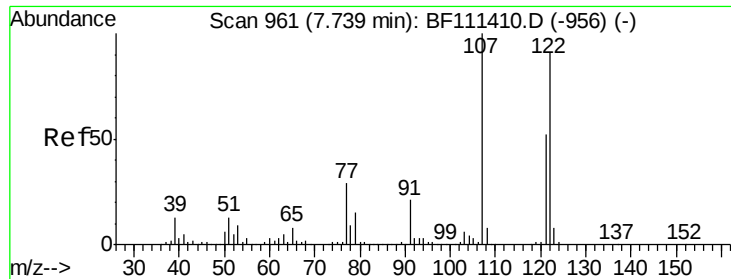
Acq: 17 Dec 2018 18:36

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.4	56.2
54	59.3	47.6	71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





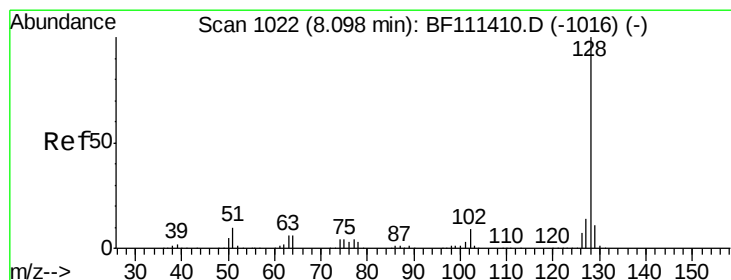
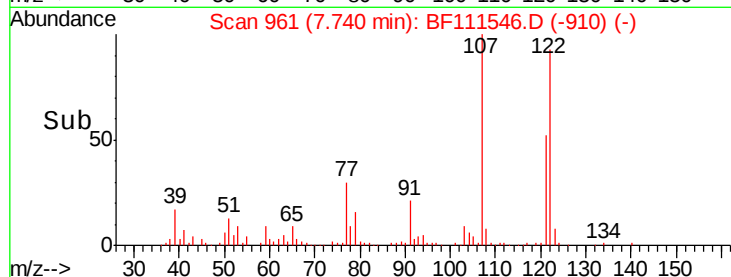
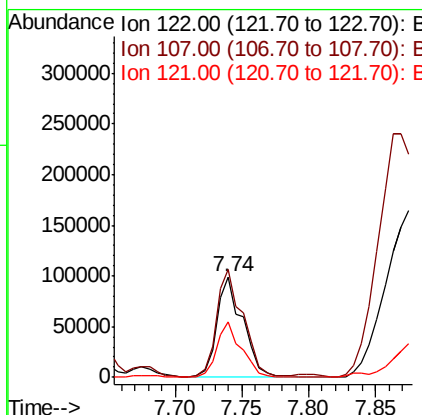
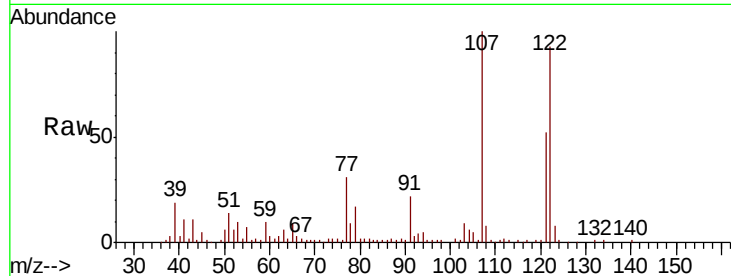
#27
2,4-Dimethylphenol
Concen: 18.153 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF111546.D
Acq: 17 Dec 2018 18:36

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.5	85.5	128.3
121	55.4	46.6	70.0

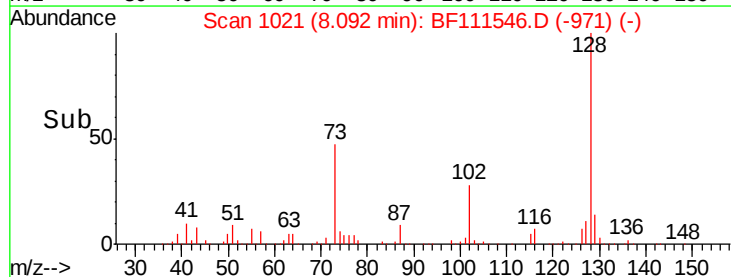
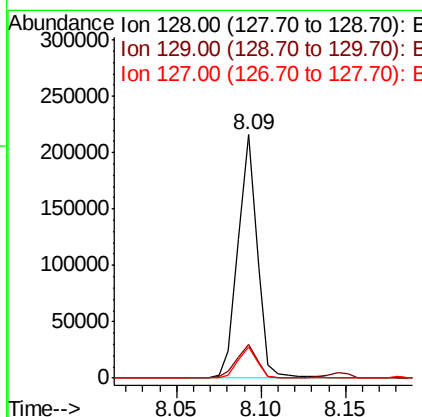
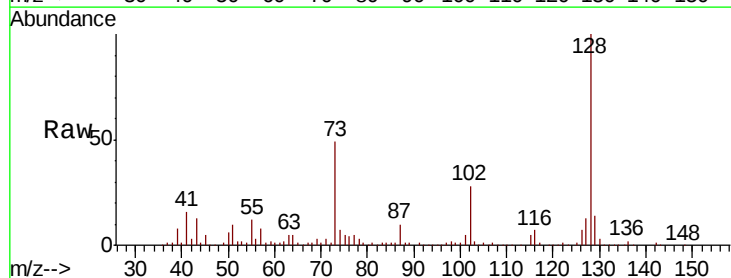
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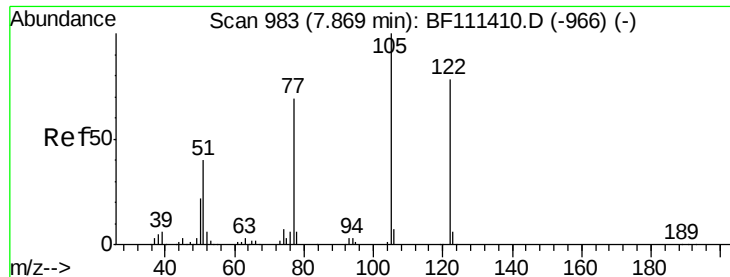
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#31
Naphthalene
Concen: 6.417 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111546.D
Acq: 17 Dec 2018 18:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.8	14.8
127	12.9	12.0	18.0





#32

Benzoic acid

Concen: 65.467 ng/mL

RT: 7.96 min Scan# 999

Delta R.T. 0.09 min

Lab File: BF111546.D

Acq: 17 Dec 2018 18:36

Instrument :

BNA_F

ClientSampled :

COMP-2

Tot Ion:122 Resp: 419169

Ion Ratio Lower Upper

122 100

105 124.3 97.0 137.0

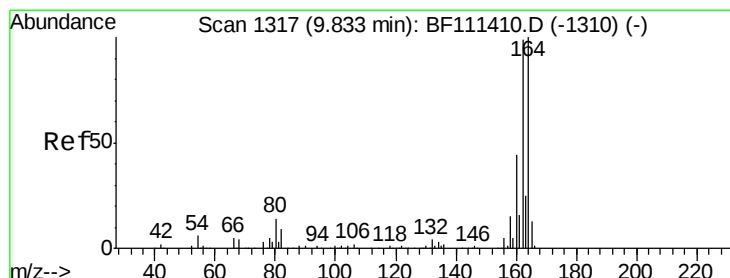
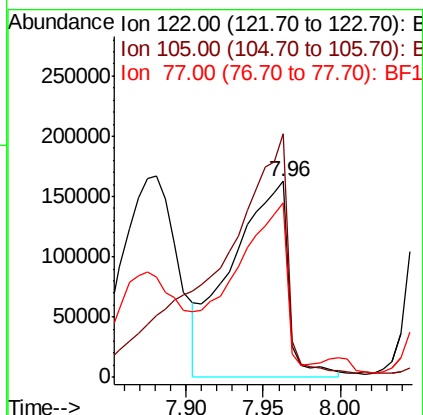
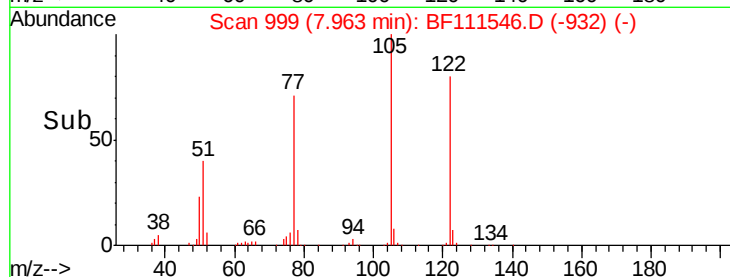
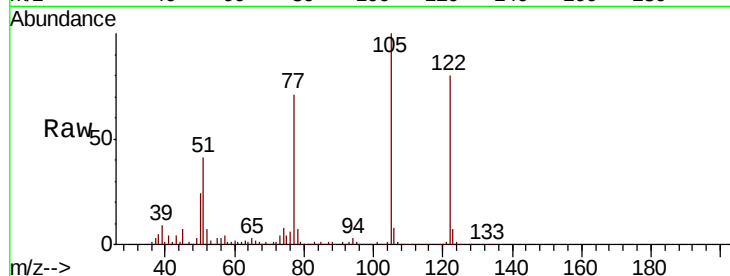
77 88.7 65.7 105.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111546.D

Acq: 17 Dec 2018 18:36

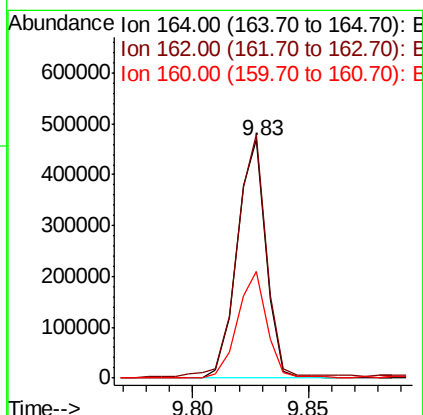
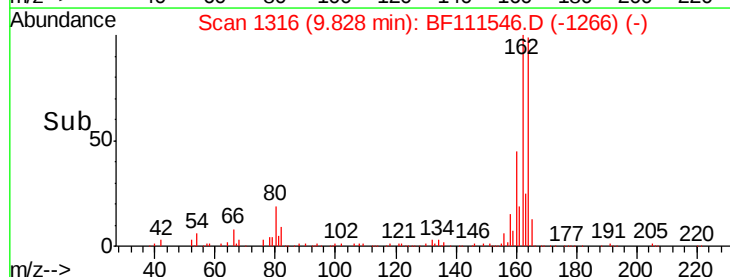
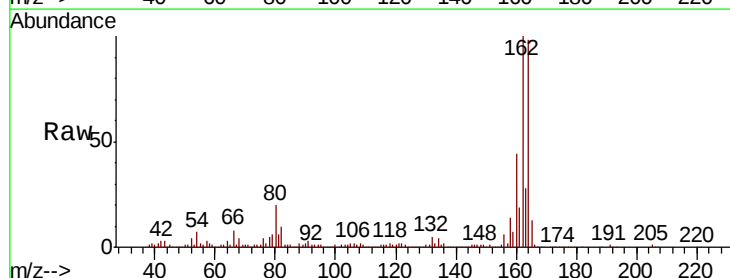
Tgt Ion:164 Resp: 407692

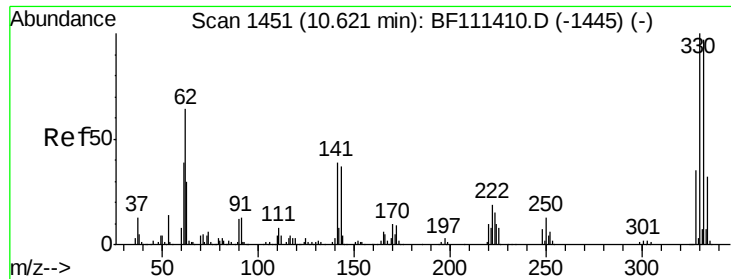
Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

160 44.9 35.7 53.5





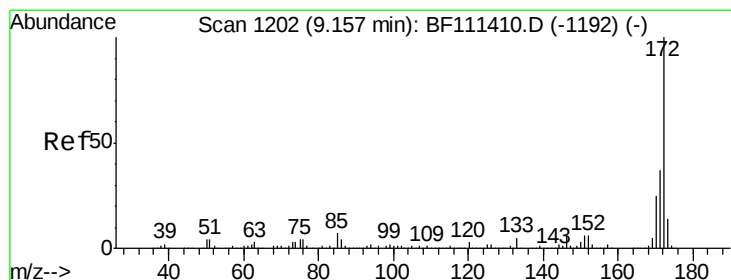
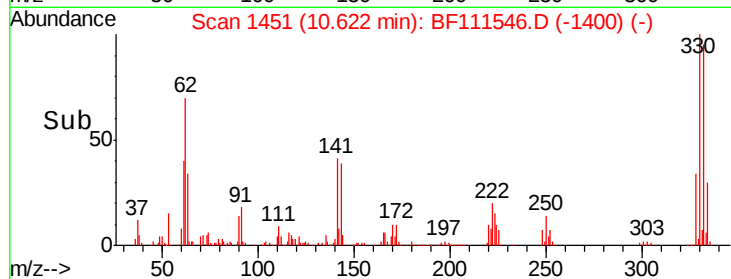
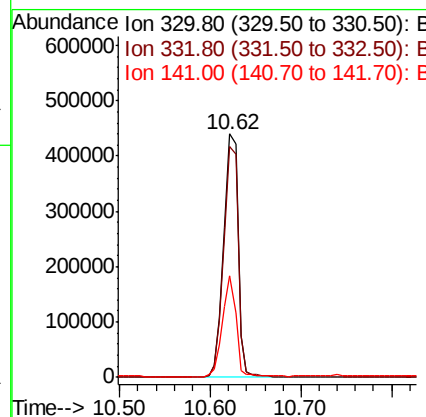
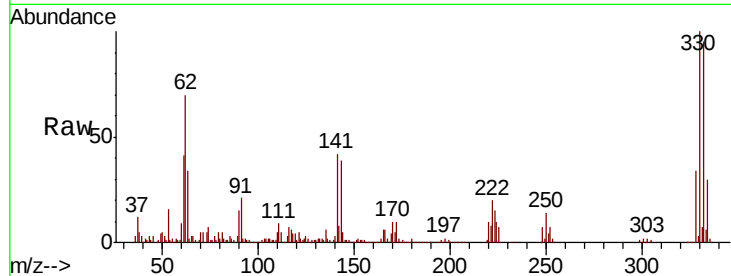
#42
 2,4,6-Tribromophenol
 Concen: 133.188 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF111546.D
 Acq: 17 Dec 2018 18:36

Instrument :
 BNA_F
 ClientSampled :
 COMP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.0	114.0
141	39.0	31.0	46.6

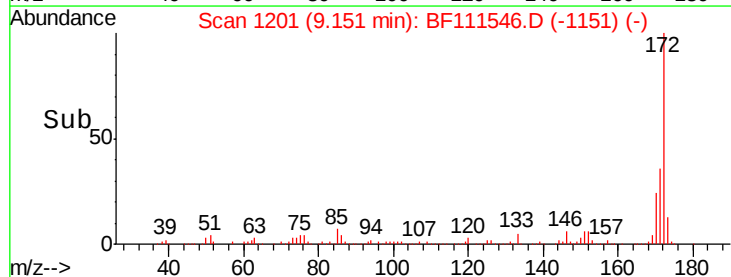
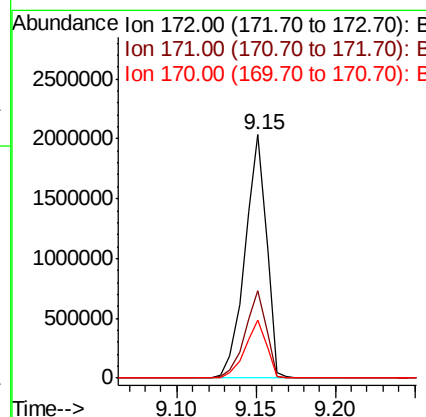
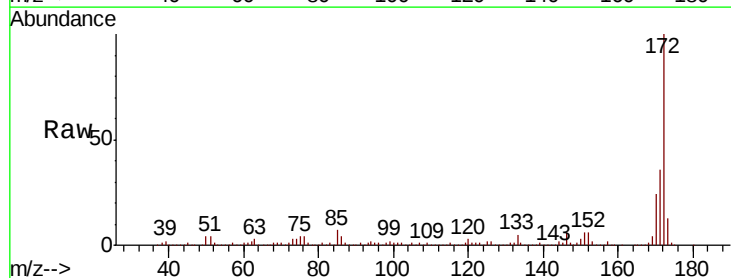
Manual Integrations
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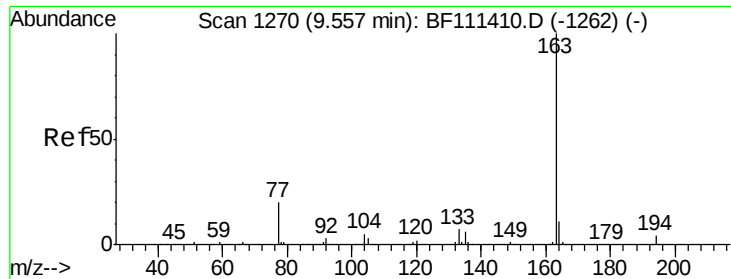
Sohil
 12/18/2018 12:49:19 PM



#45
 2-Fluorobiphenyl
 Concen: 72.348 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111546.D
 Acq: 17 Dec 2018 18:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.1	22.3	33.5





#50

Dimethylphthalate

Concen: 2.639 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF111546.D

Acq: 17 Dec 2018 18:36

Instrument :

BNA_F

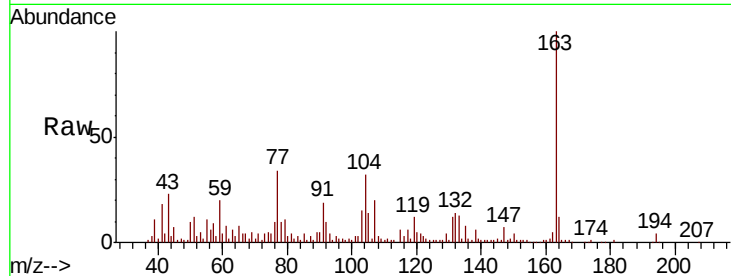
ClientSampleId :

COMP-2

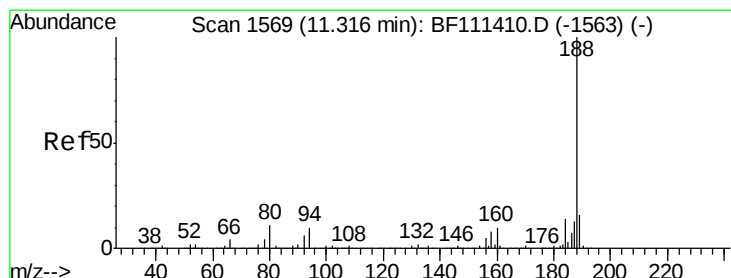
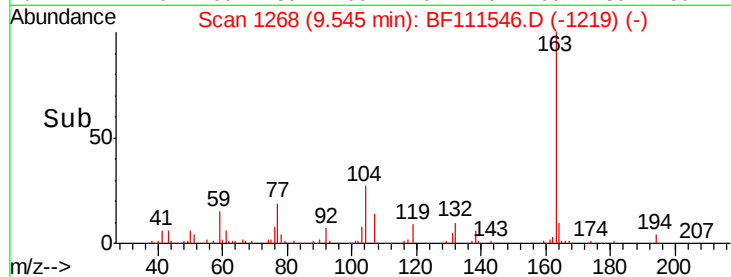
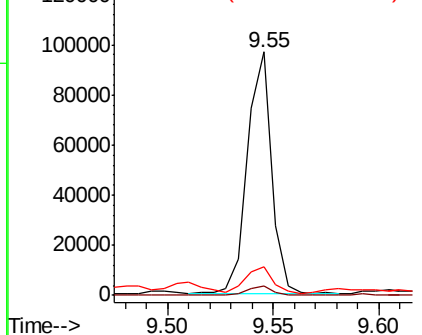
Tot Ion:	163	Resp:	77479
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	11.7	8.9	13.3

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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



#64

Phenanthrene-d10

Concen: 20.000 ng

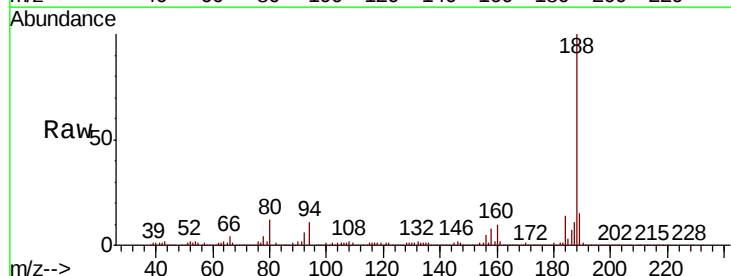
RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

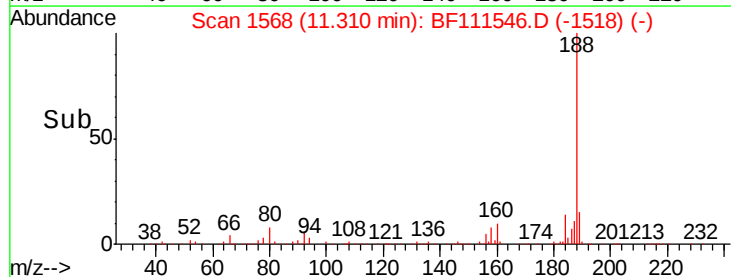
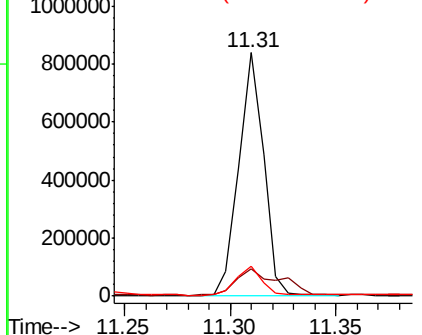
Lab File: BF111546.D

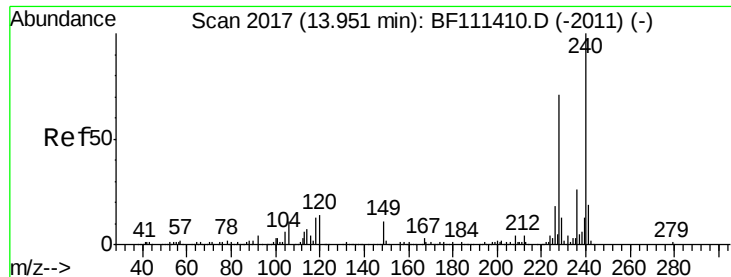
Acq: 17 Dec 2018 18:36

Tgt Ion:	188	Resp:	688465
Ion Ratio	Lower	Upper	
188	100		
94	11.0	9.6	14.4
80	12.2	9.8	14.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111546.D

Acq: 17 Dec 2018 18:36

Instrument :

BNA_F

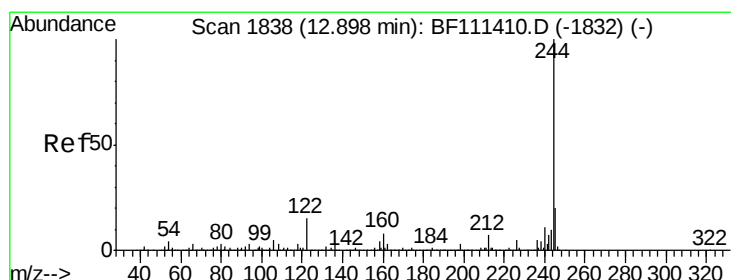
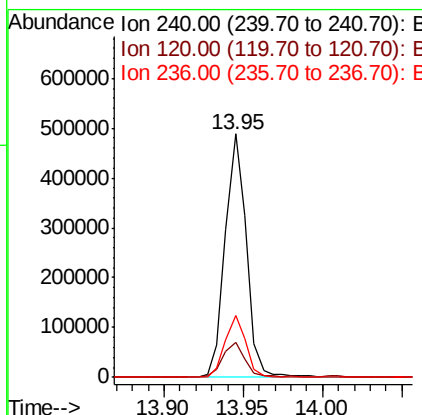
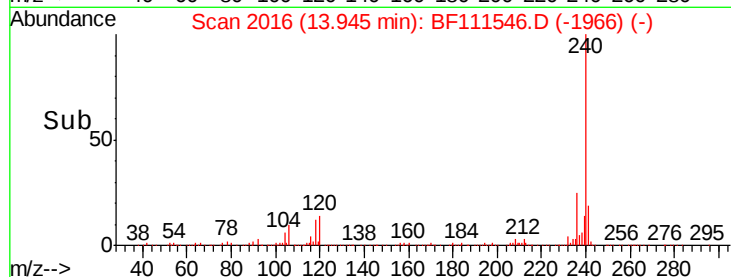
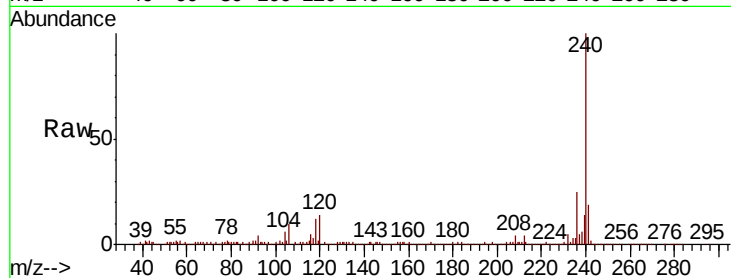
ClientSampleId :

COMP-2

Tot Ion:	240	Resp:	454070
Ion Ratio	Lower	Upper	
240	100		
120	14.5	12.2	18.2
236	25.3	20.2	30.2

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#79

Terphenyl-d14

Concen: 103.728 ng

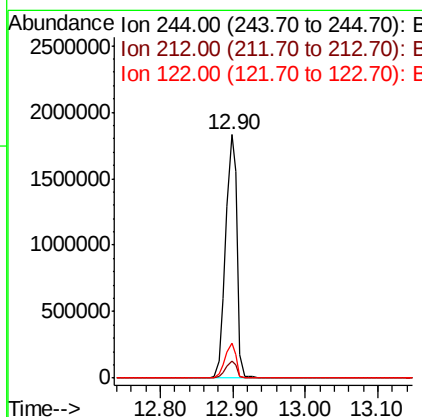
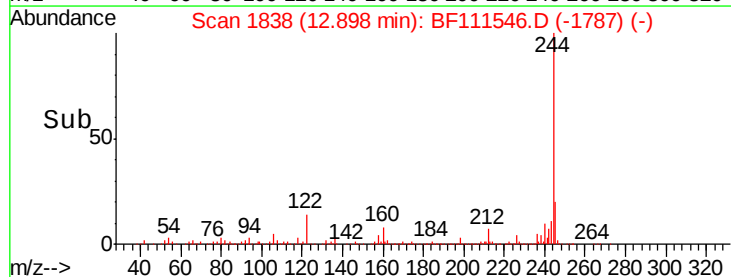
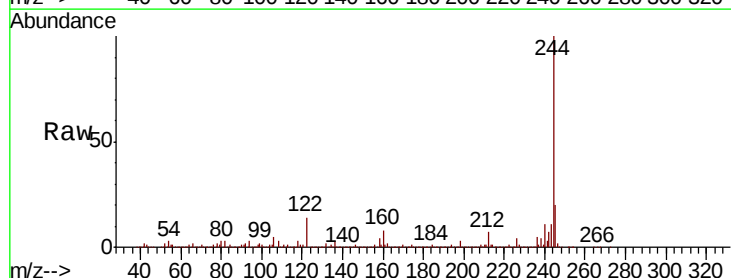
RT: 12.90 min Scan# 1838

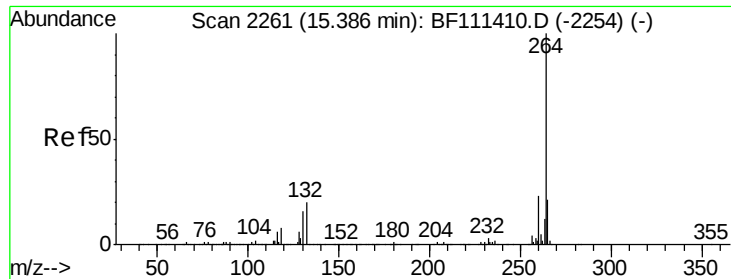
Delta R.T. 0.00 min

Lab File: BF111546.D

Acq: 17 Dec 2018 18:36

Tgt Ion:	244	Resp:	2005753
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.7	8.5
122	14.2	13.1	19.7





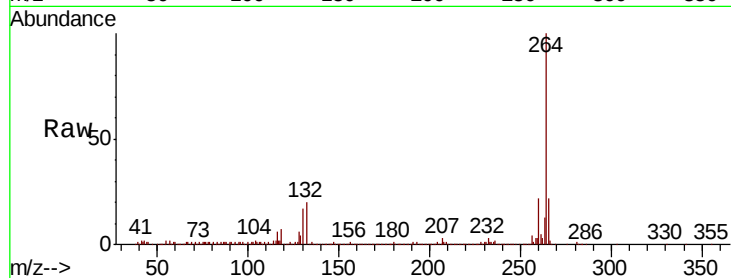
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111546.D
Acq: 17 Dec 2018 18:36

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	22.0	17.7	26.5

Manual Integrations
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Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

