

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111447.D
 Acq On : 15 Dec 2018 4:49
 Operator : JU/SJ
 Sample : J6305-08DL 20X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW005-01DL

Manual Integrations
 APPROVED

Sohil
 12/17/2018 2:37:19 PM

Quant Time: Dec 17 10:51:06 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	138084	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	521437	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	209908	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	323888	20.00	ng	0.00
76) Chrysene-d12	13.95	240	266462	20.00	ng	0.00
87) Perylene-d12	15.39	264	183228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	23669	2.85	ng	0.00
7) Phenol-d6	6.43	99	18000	1.63	ng	0.00
23) Nitrobenzene-d5	7.35	82	39905	4.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	9549	5.08	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	74810	5.51	ng	0.00
79) Terphenyl-d14	12.90	244	53586	4.72	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.48	88	11470	2.862	ng	89
6) Aniline	6.45	93	138472m	10.114	ng	
10) Phenol	6.45	94	567286	46.136	ng	98
17) 2-Methylphenol	7.05	107	58436	7.323	ng	97
20) 3+4-Methylphenols	7.21	107	51475	5.143	ng	# 64
22) Acetophenone	7.20	105	50283	4.320	ng	# 90
27) 2,4-Dimethylphenol	7.73	122	16371	2.438	ng	96

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

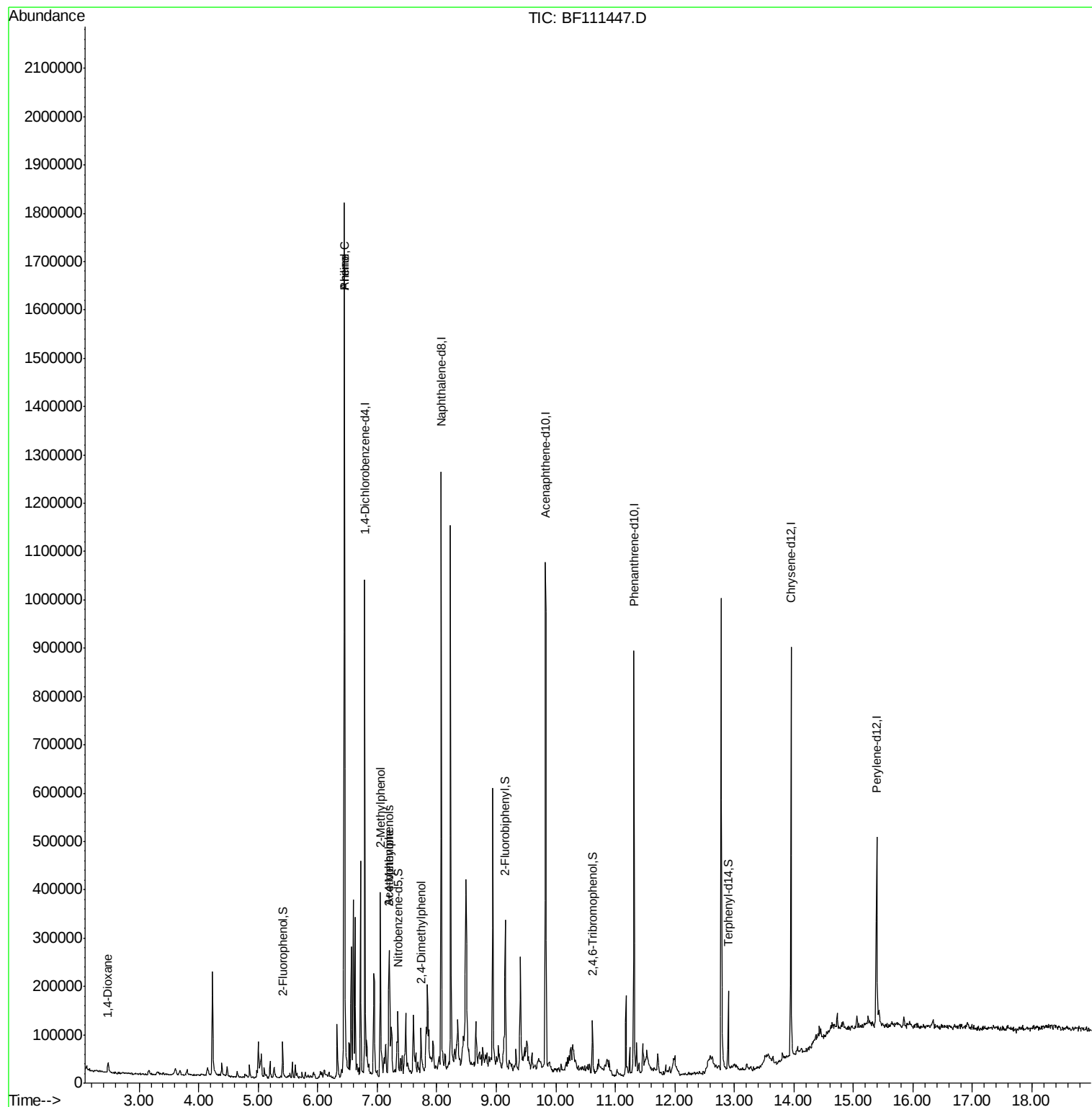
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111447.D
Acq On : 15 Dec 2018 4:49
Operator : JU/SJ
Sample : J6305-08DL 20X
Misc :
ALS Vial : 31 Sample Multiplier: 1

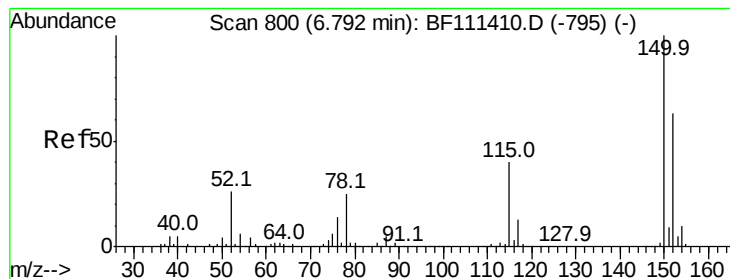
Instrument :
BNA_F
ClientSampleId :
P001-SW005-01DL

Manual Integrations
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12/17/2018 2:37:19 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
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#1

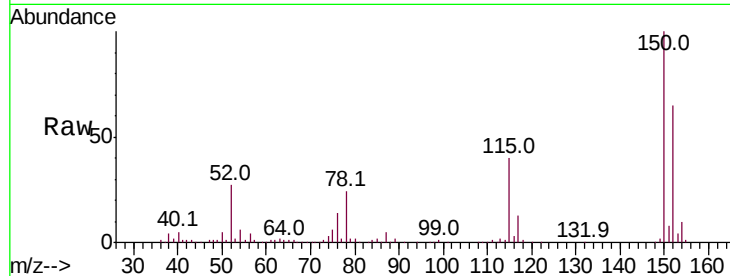
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111447.D
Acq: 15 Dec 2018 4:49

Instrument :
BNA_F
ClientSampleId :
P001-SW005-01DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	62.5	50.7	76.1

Manual Integrations
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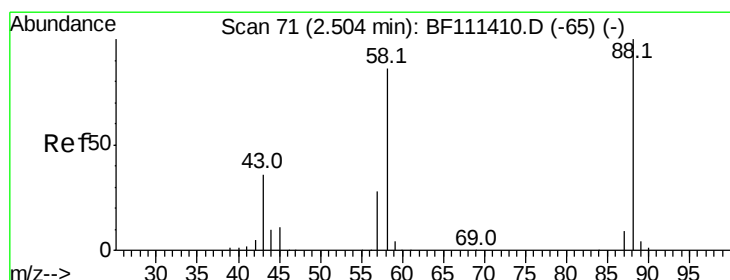
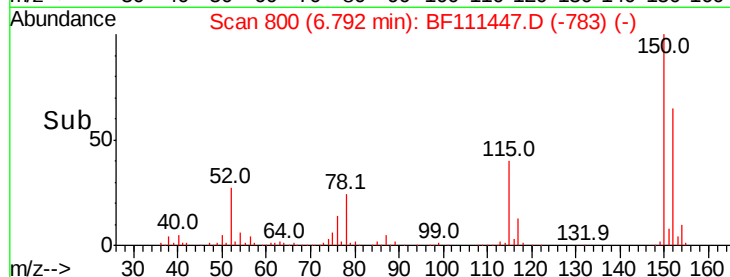
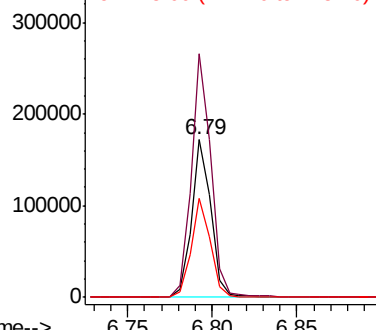


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

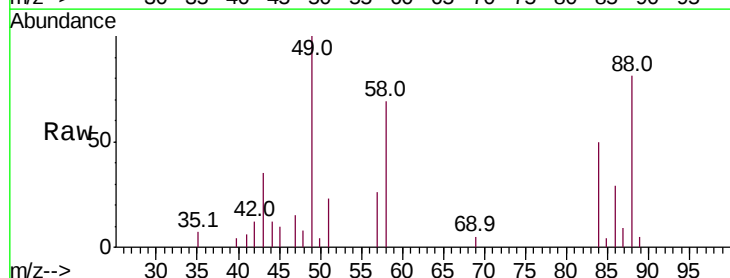
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.862 ng
RT: 2.48 min Scan# 66
Delta R.T. -0.03 min
Lab File: BF111447.D
Acq: 15 Dec 2018 4:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	68.9	103.3
43	30.8	25.8	38.6

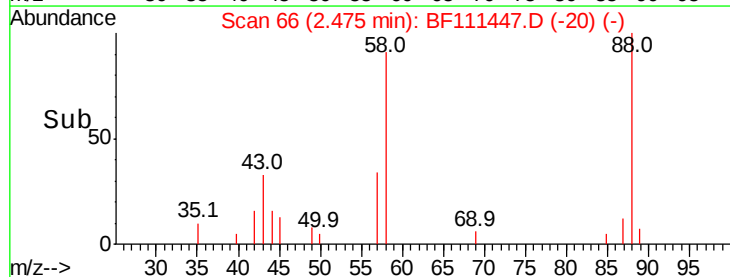
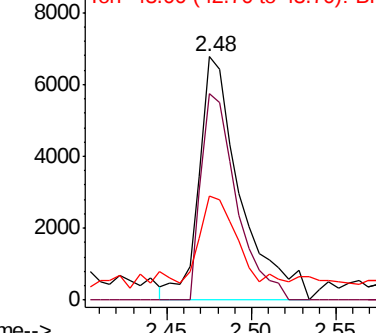


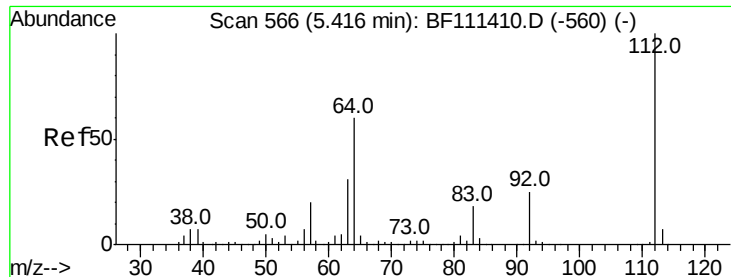
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 2.852 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF111447.D

Acq: 15 Dec 2018 4:49

Instrument :

BNA_F

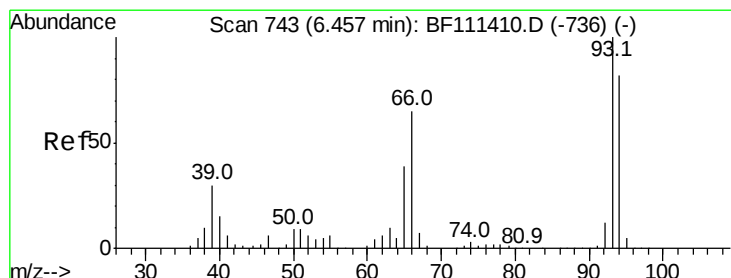
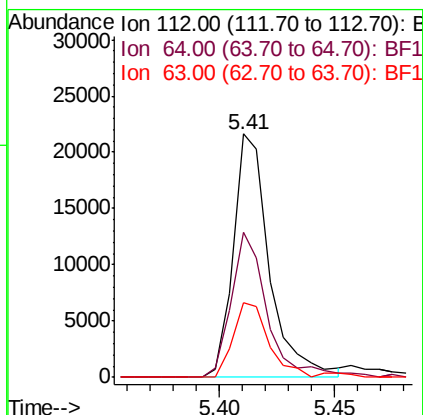
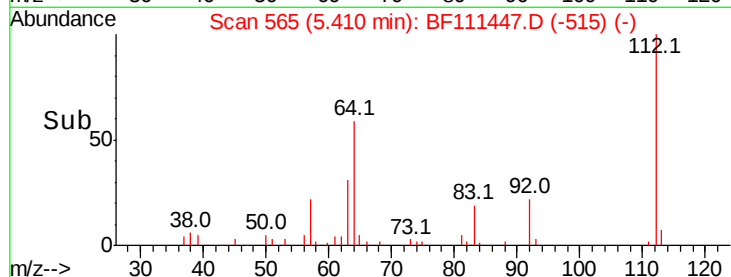
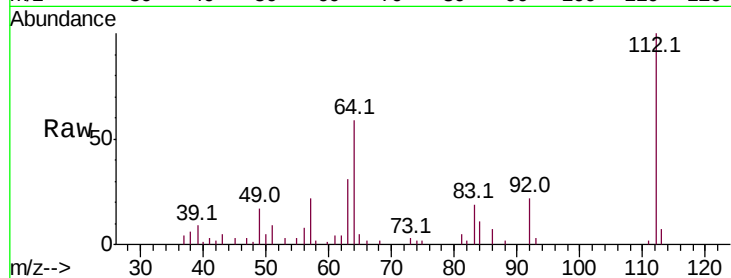
ClientSampleId :

P001-SW005-01DL

Tot Ion:	112	Resp:	23669
Ion Ratio	Lower	Upper	
112	100		
64	59.3	51.8	77.6
63	30.8	26.8	40.2

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#6

Aniline

Concen: 10.114 ng m

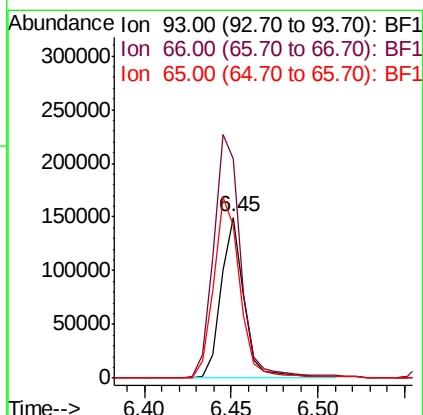
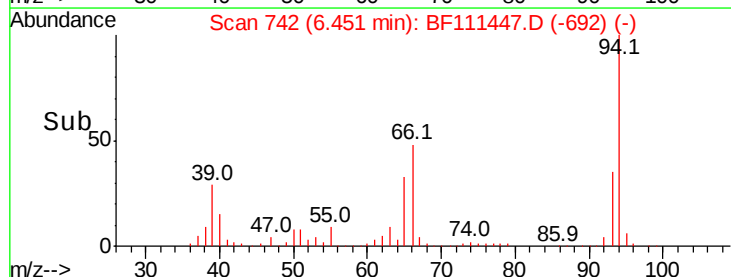
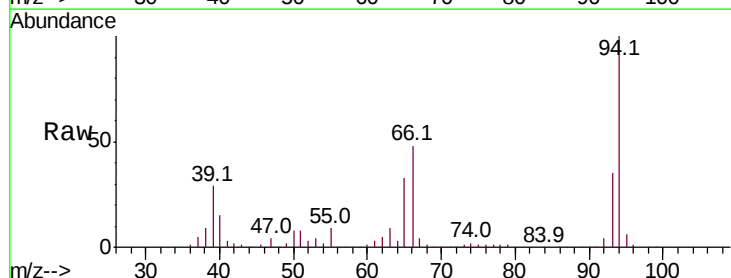
RT: 6.45 min Scan# 742

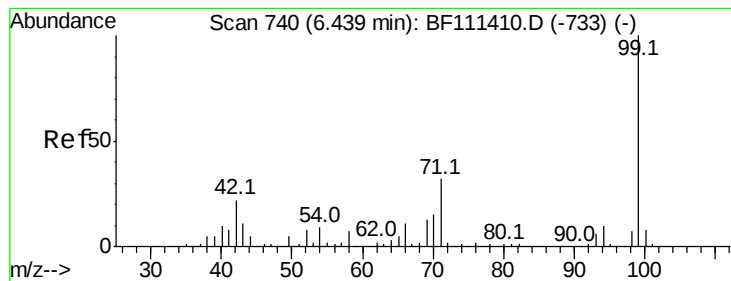
Delta R.T. -0.01 min

Lab File: BF111447.D

Acq: 15 Dec 2018 4:49

Tgt Ion:	93	Resp:	138472
Ion Ratio	Lower	Upper	
93	100		
66	136.8	33.2	49.8#
65	95.4	17.0	25.4#





#7

Phenol-d6

Concen: 1.631 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111447.D

Acq: 15 Dec 2018 4:49

Instrument :

BNA_F

ClientSampleId :

P001-SW005-01DL

Tot Ion: 99 Resp: 18000

Ion Ratio Lower Upper

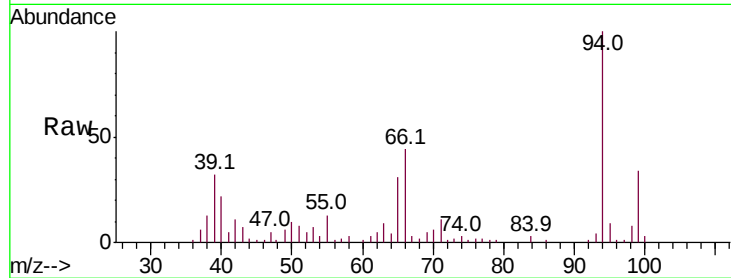
99 100

42 31.3 17.4 26.0#

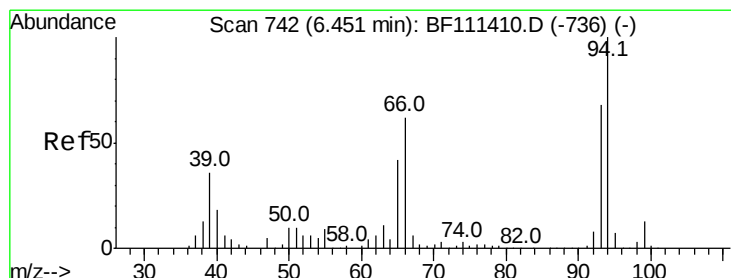
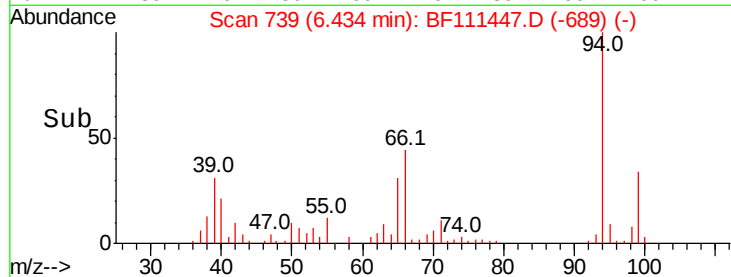
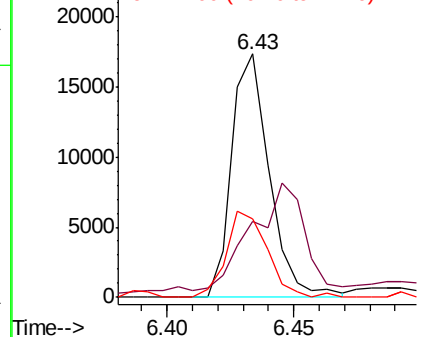
71 32.2 26.1 39.1

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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: 46.136 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111447.D

Acq: 15 Dec 2018 4:49

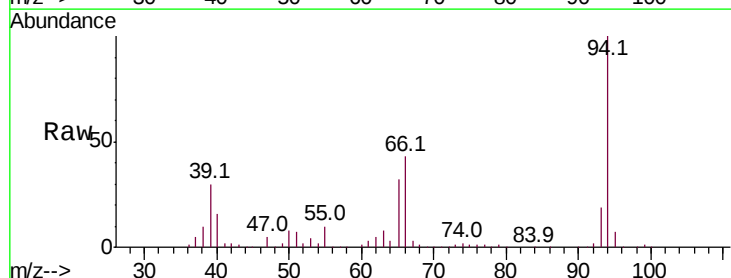
Tgt Ion: 94 Resp: 567286

Ion Ratio Lower Upper

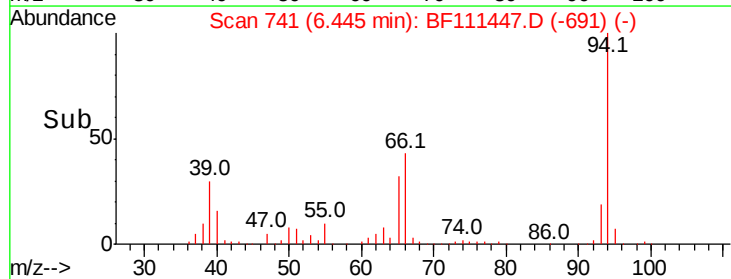
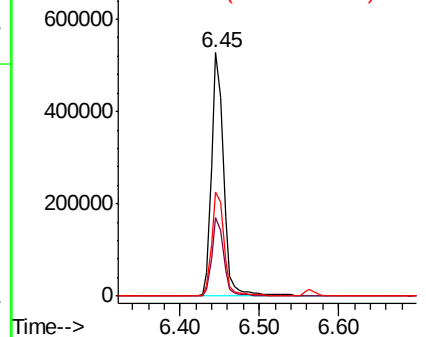
94 100

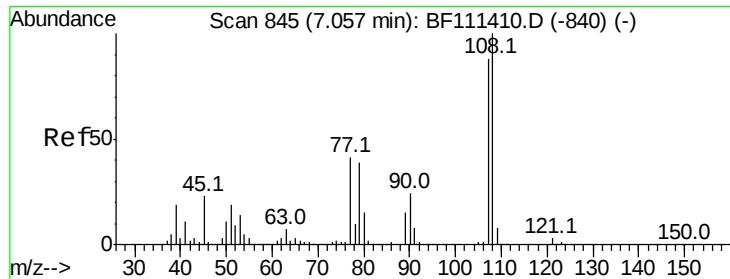
65 32.0 11.7 51.7

66 43.0 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





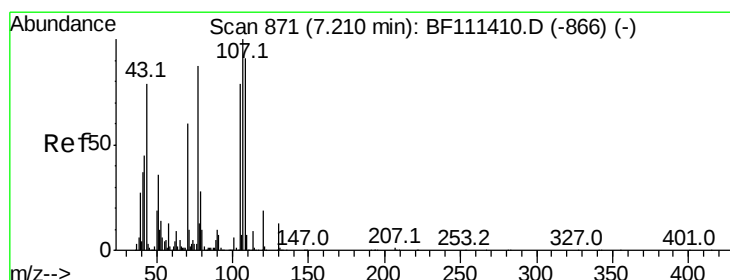
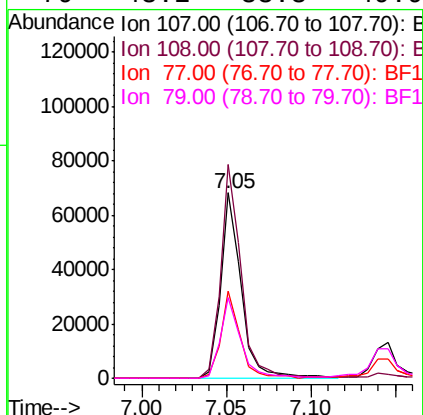
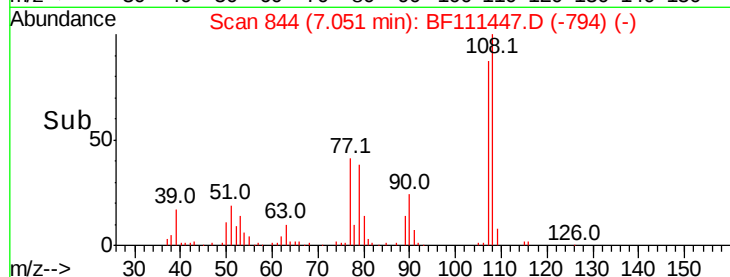
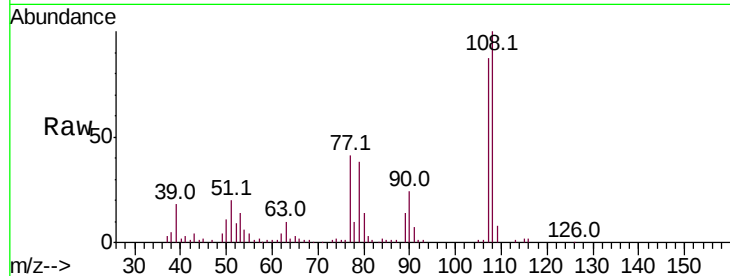
#17
2-Methylphenol
Concen: 7.323 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF111447.D
Acq: 15 Dec 2018 4:49

Instrument :
BNA_F
ClientSampleId :
P001-SW005-01DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	115.2	91.0	136.4		
77	47.1	33.5	50.3		
79	43.2	33.3	49.9		

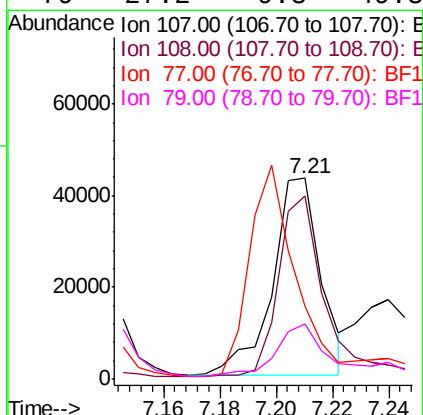
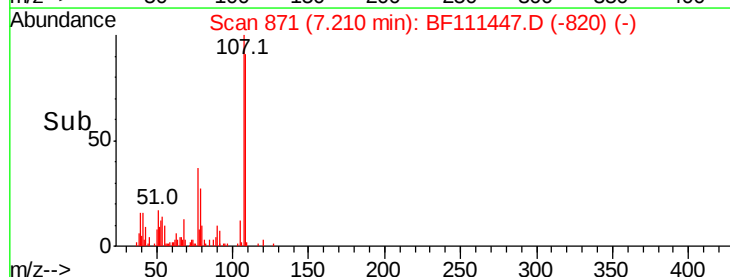
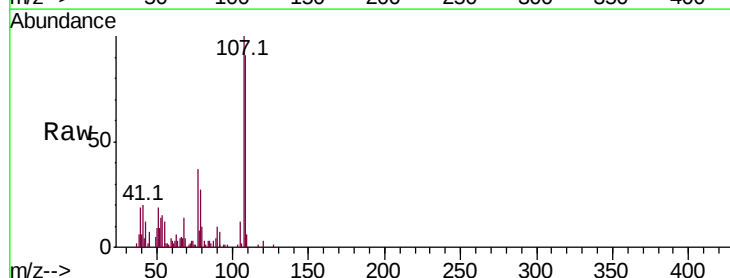
Manual Integrations
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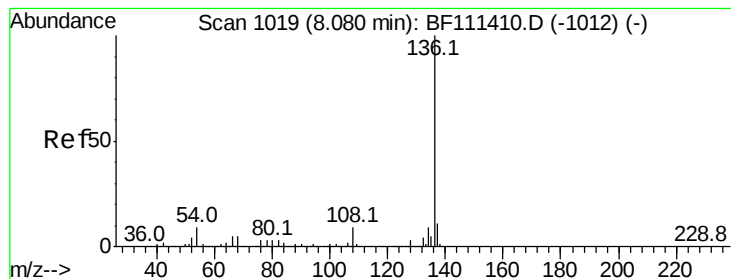
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#20
3+4-Methylphenols
Concen: 5.143 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111447.D
Acq: 15 Dec 2018 4:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.4	72.1	112.1		
77	36.6	94.1	134.1#		
79	27.2	9.8	49.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111447.D

Acq: 15 Dec 2018 4:49

Instrument :

BNA_F

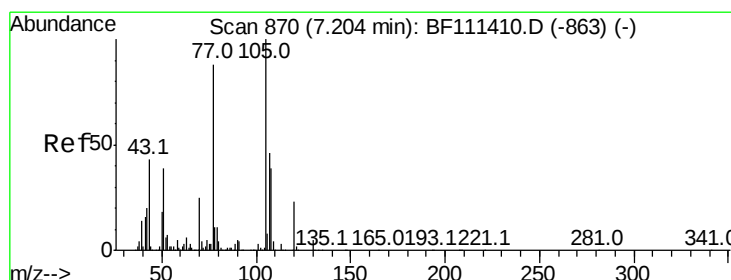
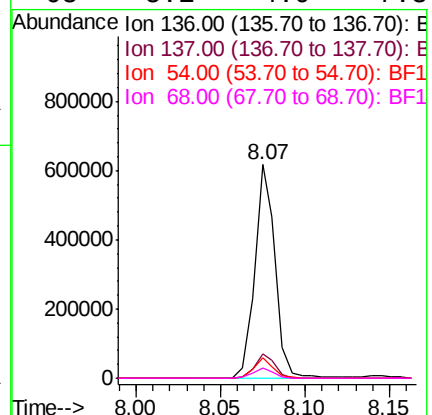
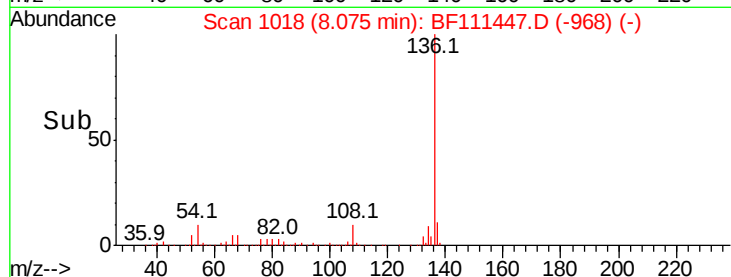
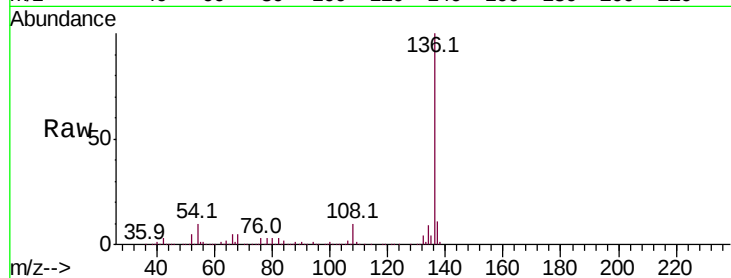
ClientSampleId :

P001-SW005-01DL

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.1	13.7	
54	9.8	7.7	11.5	
68	5.1	4.9	7.3	

Manual Integrations
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#22

Acetophenone

Concen: 4.320 ng

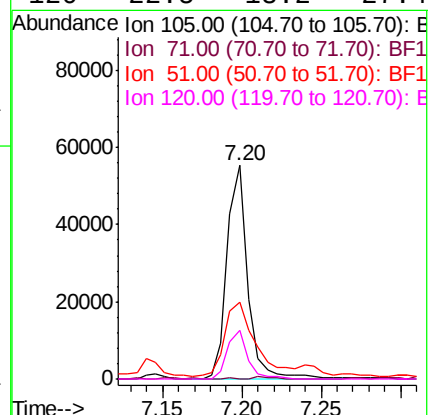
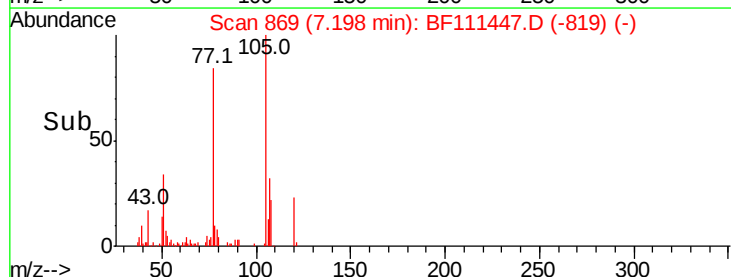
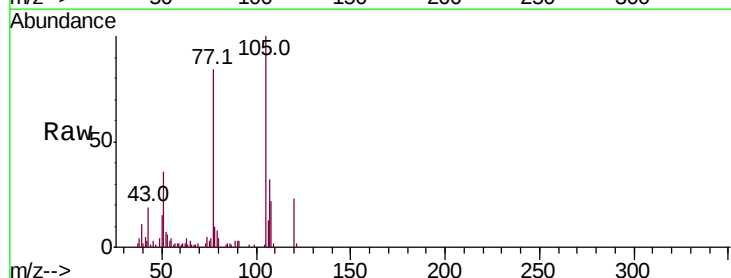
RT: 7.20 min Scan# 869

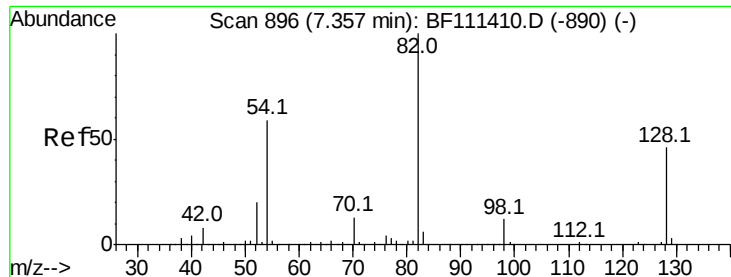
Delta R.T. -0.01 min

Lab File: BF111447.D

Acq: 15 Dec 2018 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	3.1	4.7#	
51	35.8	36.6	54.8#	
120	22.5	18.2	27.4	





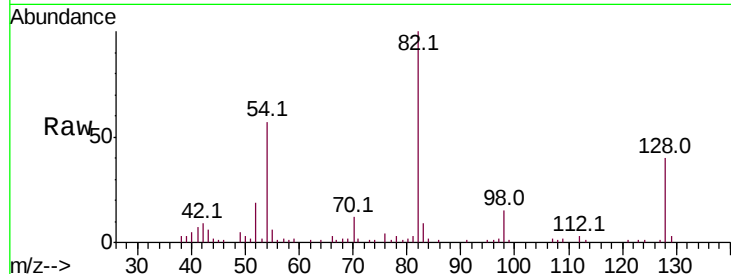
#23
Nitrobenzene-d5
Concen: 4.557 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111447.D
Acq: 15 Dec 2018 4:49

Instrument :
BNA_F
ClientSampleId :
P001-SW005-01DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	37.4	56.2
54	57.1	47.6	71.4

Manual Integrations
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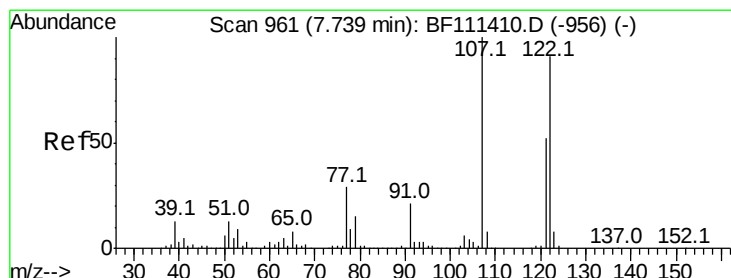
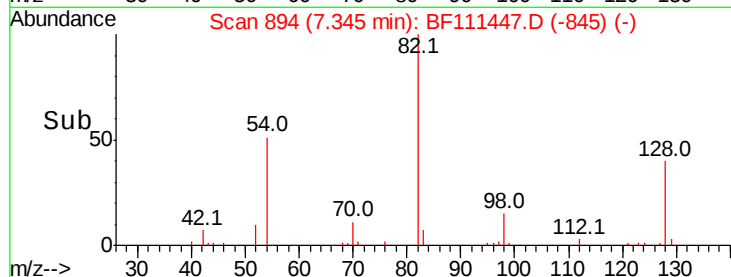
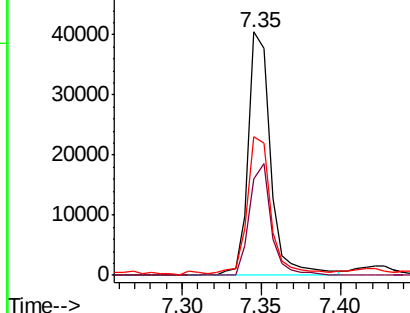


Abundance

Ion 82.00 (81.70 to 82.70): BF1

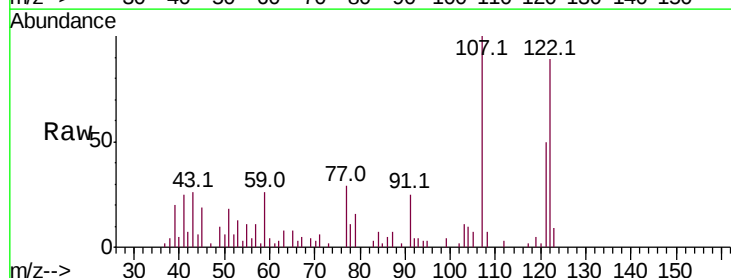
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#27
2,4-Dimethylphenol
Concen: 2.438 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111447.D
Acq: 15 Dec 2018 4:49

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.0	85.5	128.3
121	55.7	46.6	70.0

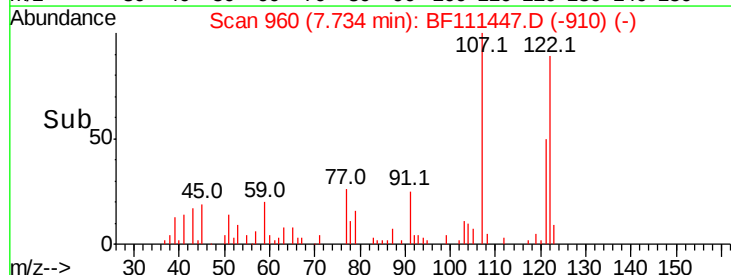
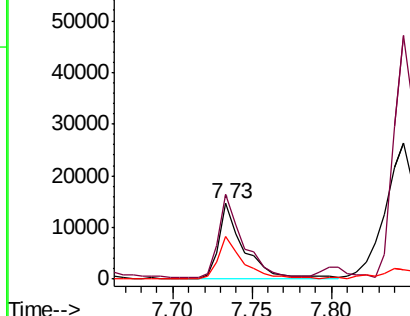


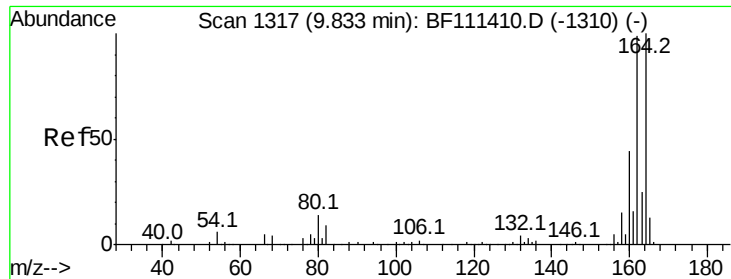
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





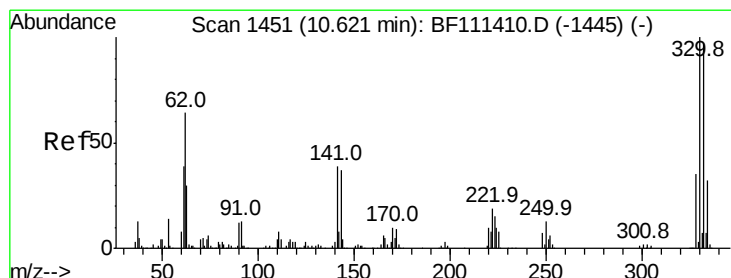
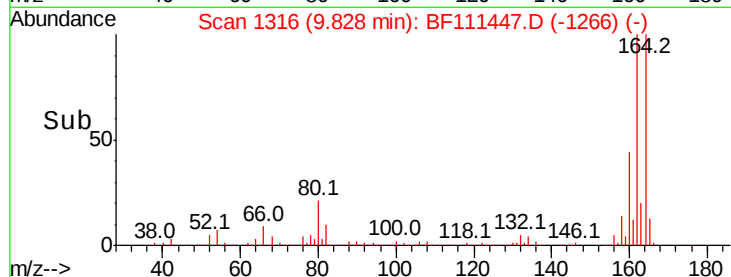
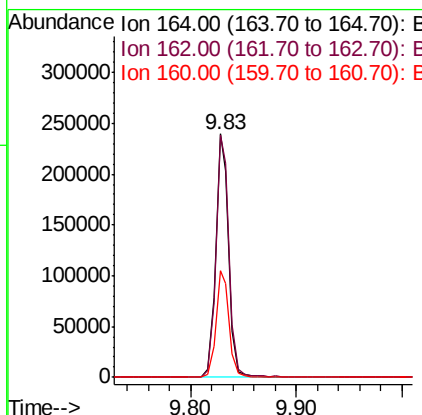
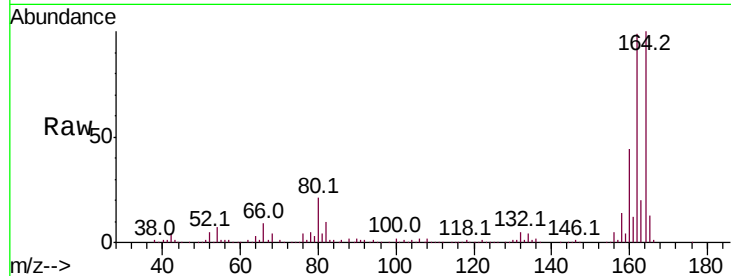
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111447.D
 Acq: 15 Dec 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW005-01DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.4	122.0
160	43.7	35.7	53.5

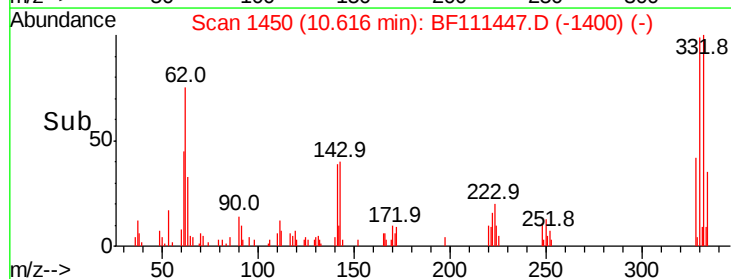
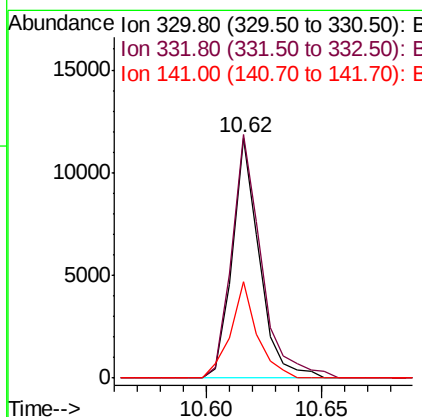
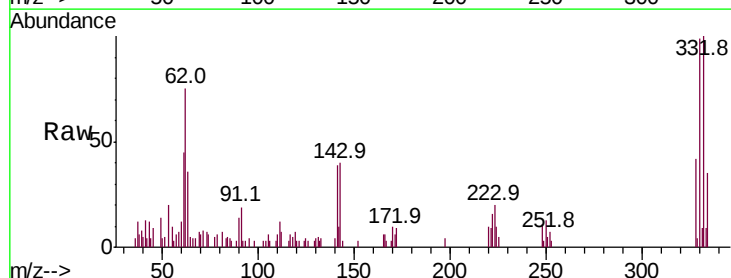
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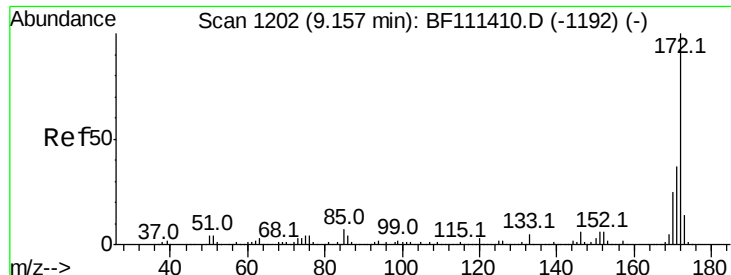
Sohil
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#42
 2,4,6-Tribromophenol
 Concen: 5.078 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111447.D
 Acq: 15 Dec 2018 4:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	110.7	76.0	114.0
141	39.7	31.0	46.6





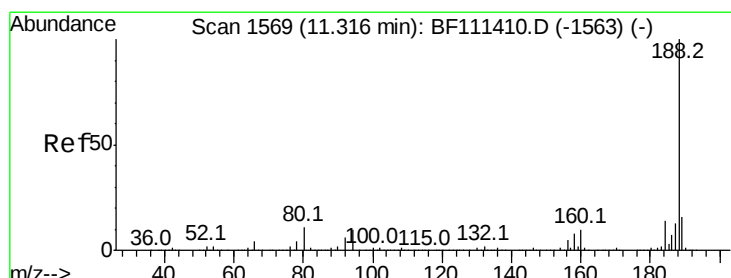
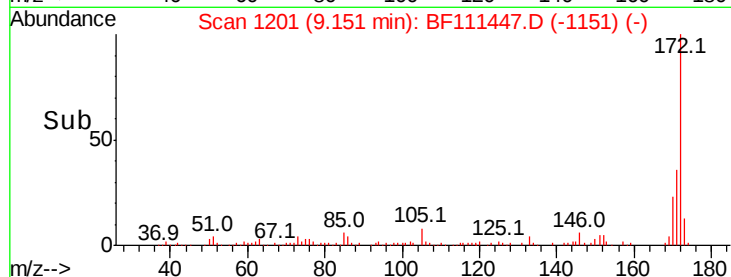
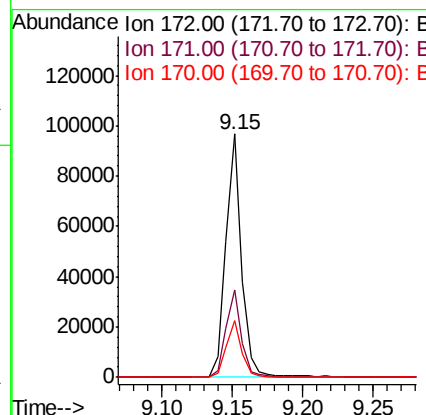
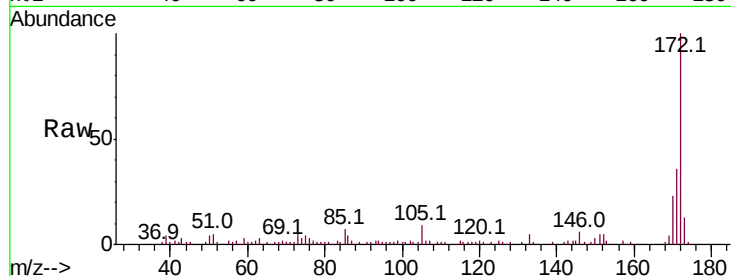
#45
 2-Fluorobiphenyl
 Concen: 5.505 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111447.D
 Acq: 15 Dec 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW005-01DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.0	49.4
170	23.1	22.3	33.5

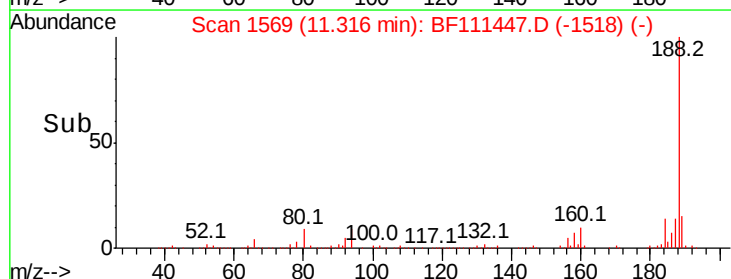
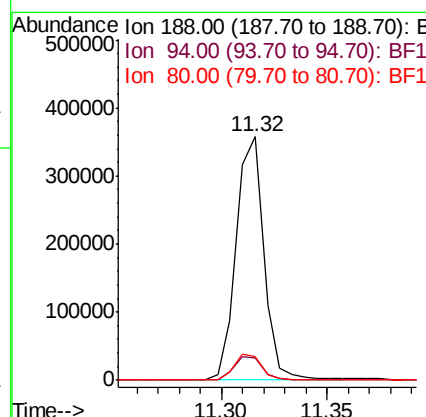
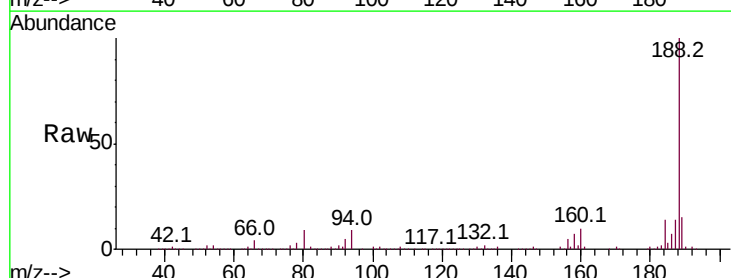
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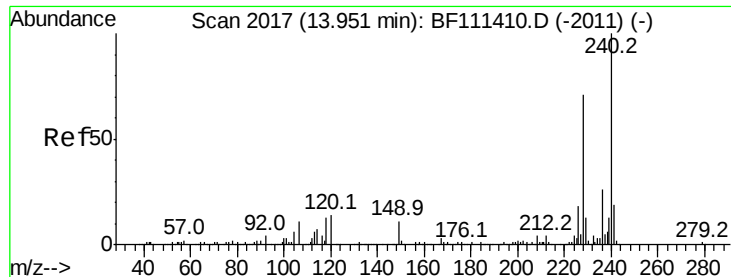
Sohil
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF111447.D
 Acq: 15 Dec 2018 4:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.6	14.4#
80	9.5	9.8	14.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111447.D

Acq: 15 Dec 2018 4:49

Instrument :

BNA_F

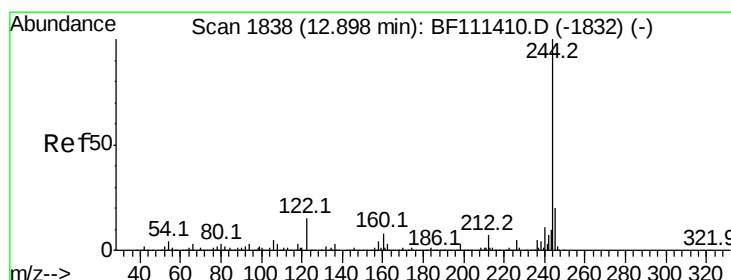
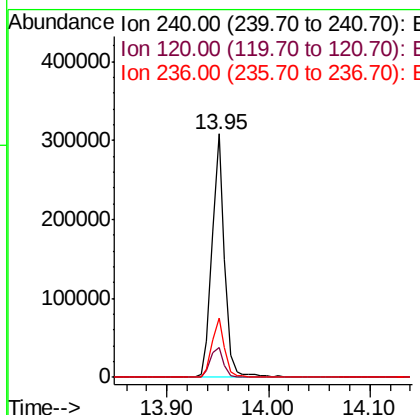
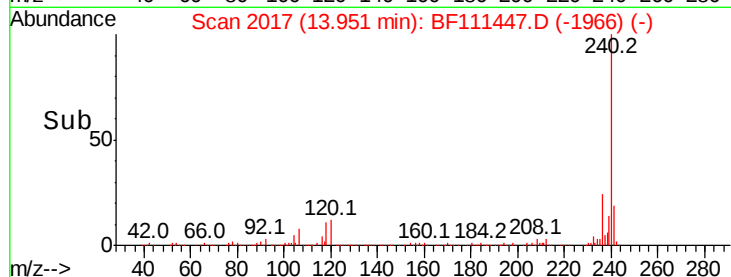
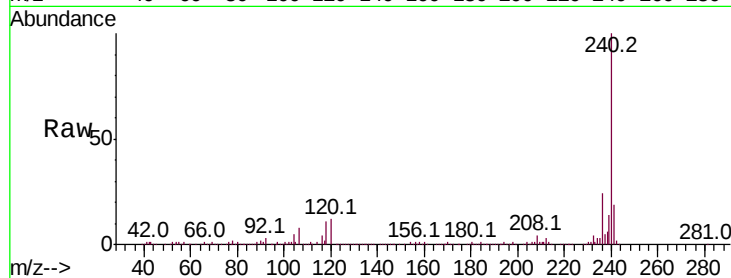
ClientSampleId :

P001-SW005-01DL

Tot Ion:	240	Resp:	266462
Ion Ratio	Lower	Upper	
240	100		
120	12.5	12.2	18.2
236	24.3	20.2	30.2

Manual Integrations
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#79

Terphenyl-d14

Concen: 4.722 ng

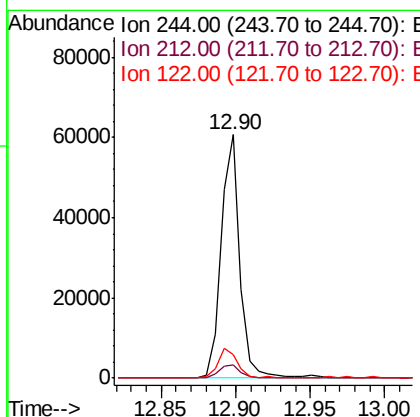
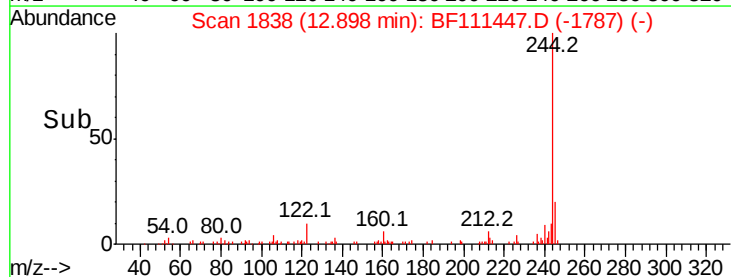
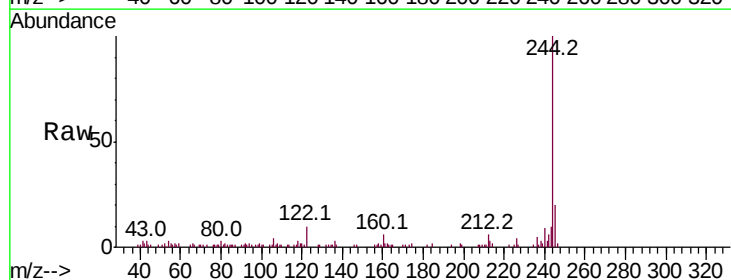
RT: 12.90 min Scan# 1838

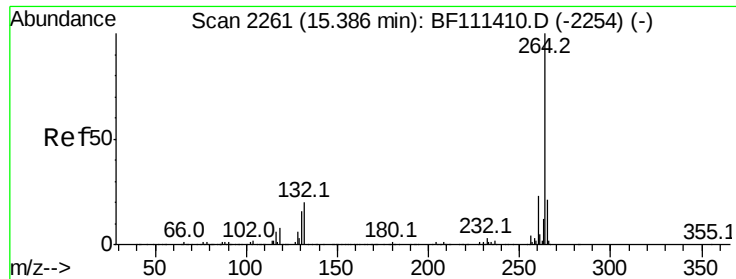
Delta R.T. 0.00 min

Lab File: BF111447.D

Acq: 15 Dec 2018 4:49

Tgt Ion:	244	Resp:	53586
Ion Ratio	Lower	Upper	
244	100		
212	5.7	5.7	8.5
122	9.8	13.1	19.7#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111447.D

Acq: 15 Dec 2018 4:49

Instrument :

BNA_F

ClientSampleId :

P001-SW005-01DL

Tot Ion: 264 Resp: 183228

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

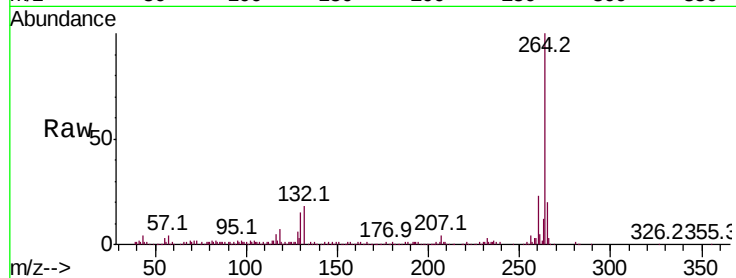
265 20.1 17.7 26.5

Manual Integrations

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Sohil

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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

