

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111381.D
 Acq On : 13 Dec 2018 20:31
 Operator : JU/SJ
 Sample : J6305-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW001-01

Manual Integrations
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Sohil
 12/14/2018 12:53:33 PM

Quant Time: Dec 14 10:39:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	221306	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	919972	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	405598	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	546301	20.00	ng	0.00
76) Chrysene-d12	13.96	240	376128	20.00	ng	0.00
87) Perylene-d12	15.40	264	310863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	834039	63.73	ng	0.01
7) Phenol-d6	6.47	99	611275	34.64	ng	0.04
23) Nitrobenzene-d5	7.36	82	1159106	71.01	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	312756	87.47	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	1776248	70.31	ng	0.00
79) Terphenyl-d14	12.91	244	1160183	67.89	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.52	88	128750	19.695	ng	Qvalue # 91
3) Pyridine	3.29	79	111370m	6.935	ng	
10) Phenol	6.51	94	11338448	567.264	ng	98
17) 2-Methylphenol	7.09	107	1063981	81.858	ng	98
20) 3+4-Methylphenols	7.25	107	1342652	86.619	ng	# 62
22) Acetophenone	7.22	105	1540752	72.100	ng	# 86
27) 2,4-Dimethylphenol	7.76	122	193349	15.413	ng	94
31) Naphthalene	8.10	128	624136	14.561	ng	98
37) 2-Methylnaphthalene	8.80	142	85526	3.087	ng	# 87
38) 1-Methylnaphthalene	8.90	142	82561	3.087	ng	# 98
46) 1,1'-Biphenyl	9.26	154	79731	2.304	ng	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	656366	38.522	ng	99

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

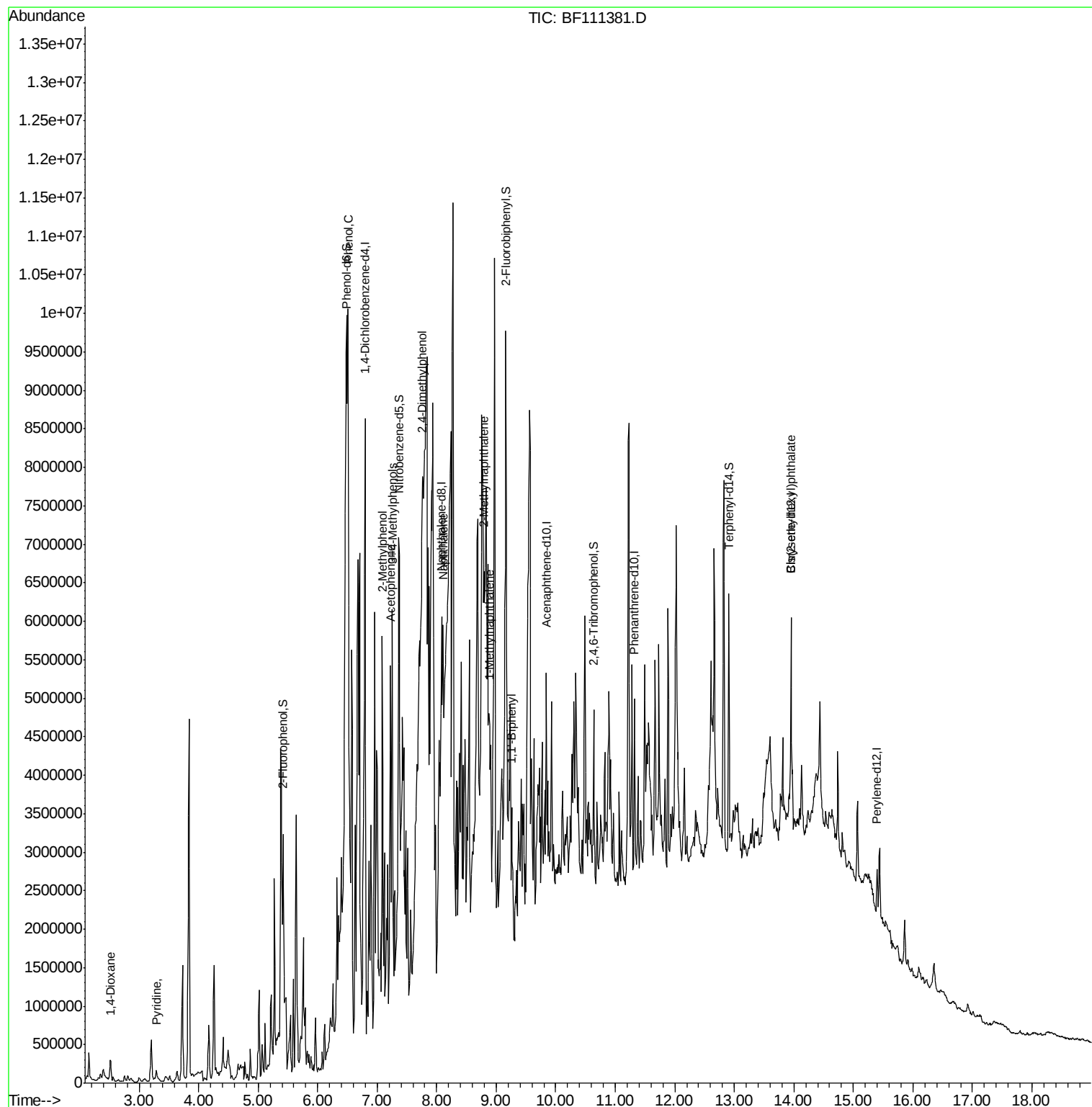
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111381.D
Acq On : 13 Dec 2018 20:31
Operator : JU/SJ
Sample : J6305-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

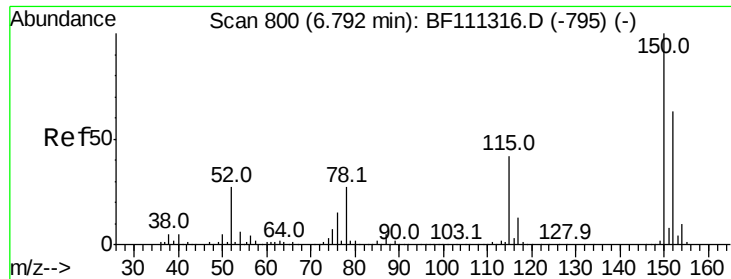
Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

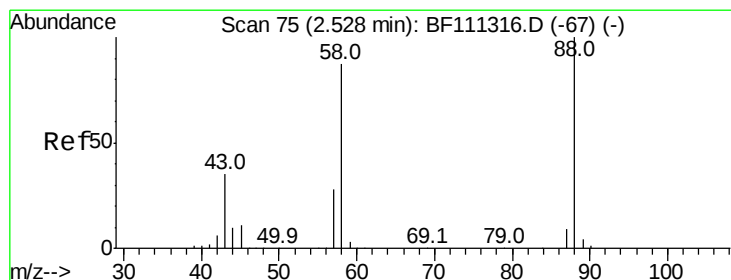
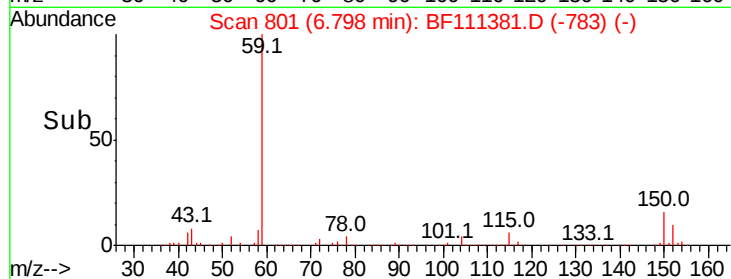
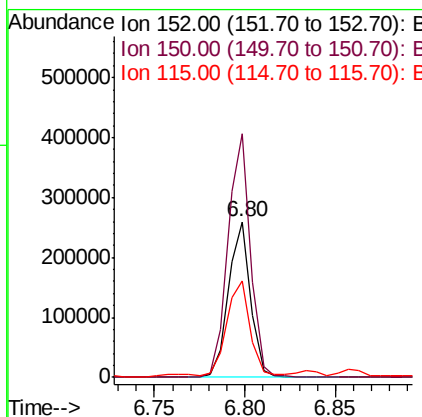
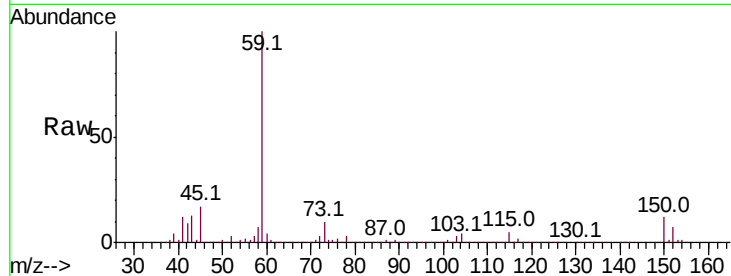
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	62.0	50.7	76.1

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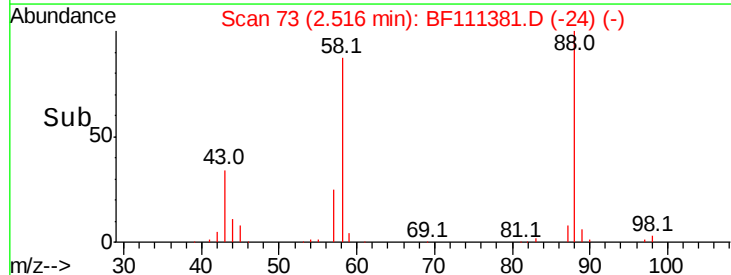
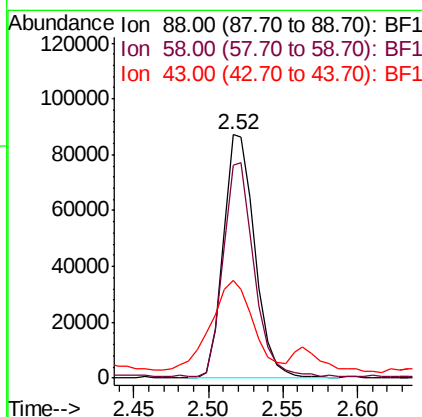
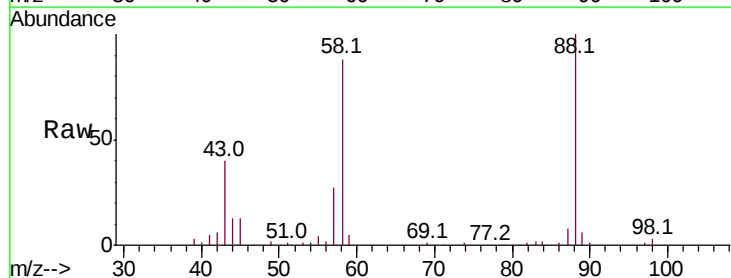
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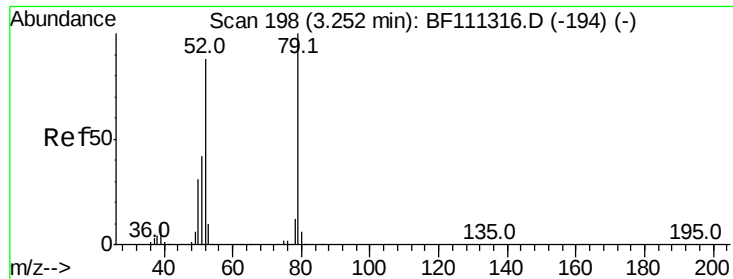


#2

1,4-Dioxane
Concen: 19.695 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	68.9	103.3
43	49.0	25.8	38.6





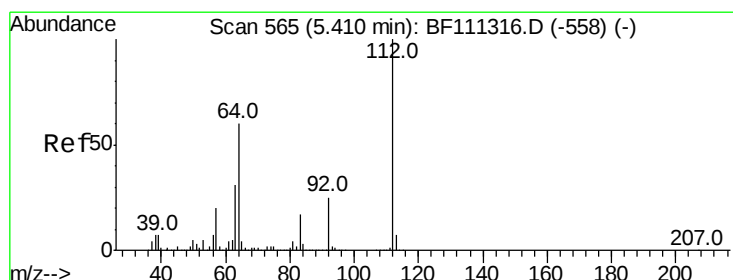
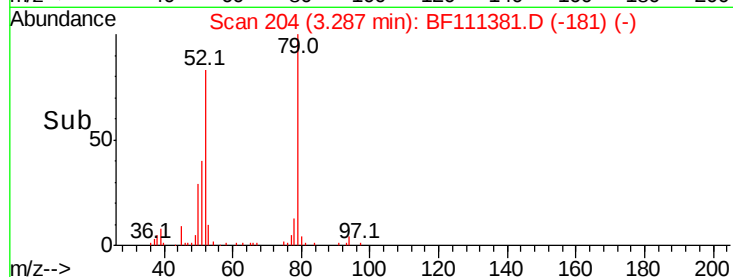
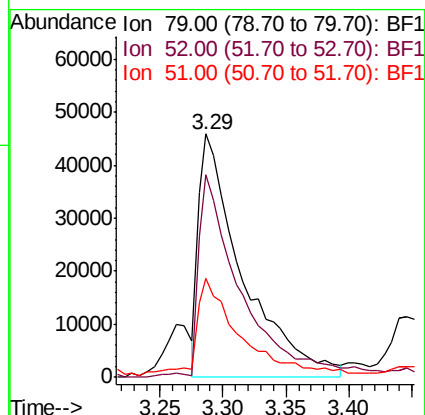
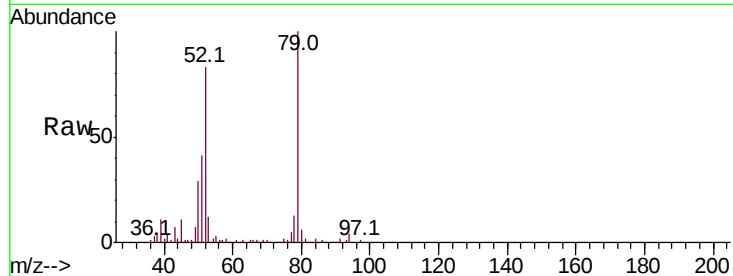
#3
Pvridine
Concen: 6.935 ng/ml
RT: 3.29 min Scan# 204
Delta R.T. 0.04 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.3	68.3	102.5
51	40.8	32.6	49.0

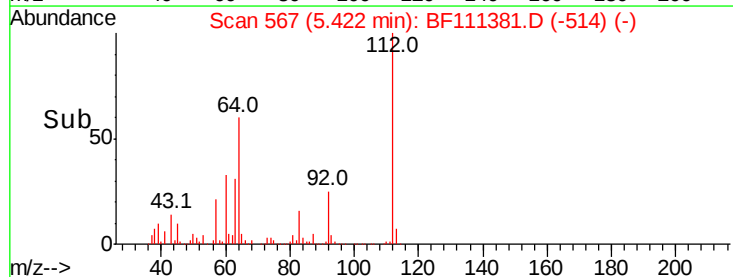
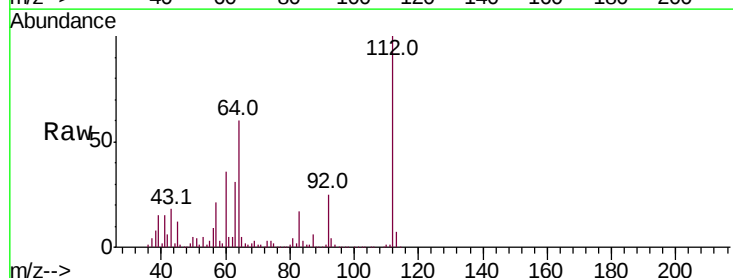
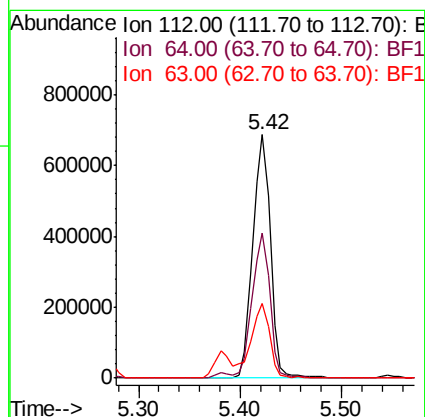
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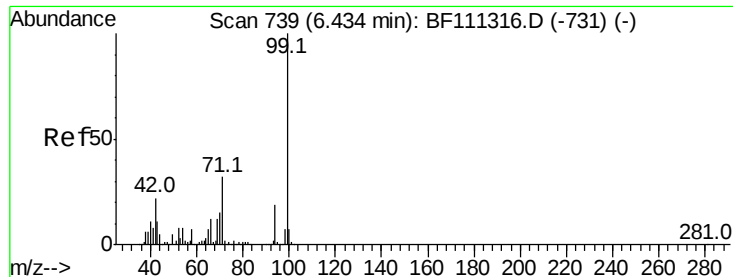
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#5
2-Fluorophenol
Concen: 63.730 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	51.8	77.6
63	30.7	26.8	40.2





#7

Phenol-d6

Concen: 34.643 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.04 min

Lab File: BF111381.D

Acq: 13 Dec 2018 20:31

Instrument :

BNA_F

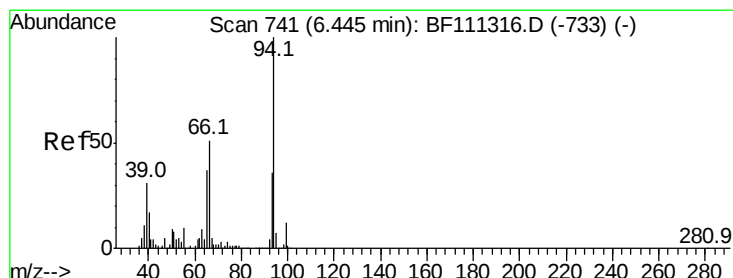
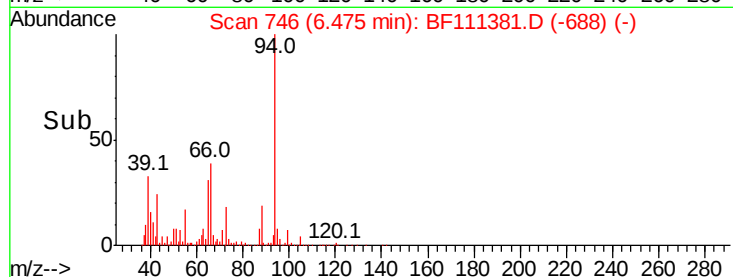
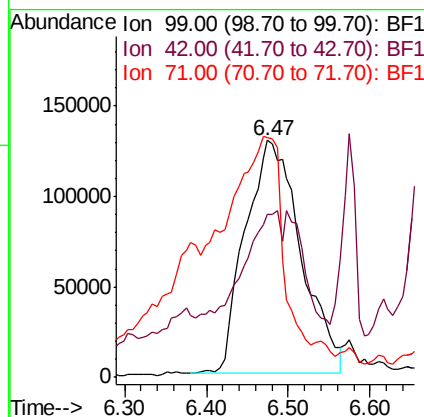
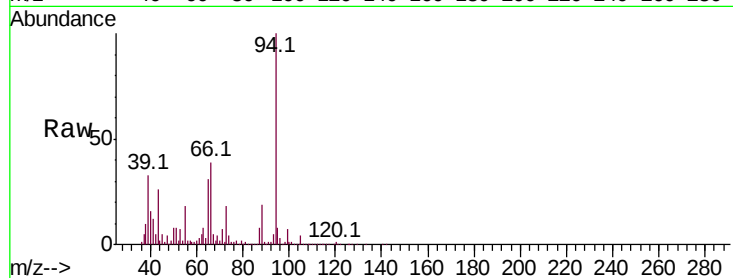
ClientSampleId :

P001-SW001-01

Tot Ion	99	Resp	611275
Ion Ratio	Lower	Upper	
99	100		
42	69.1	17.4	26.0#
71	101.4	26.1	39.1#

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#10

Phenol

Concen: 567.264 ng

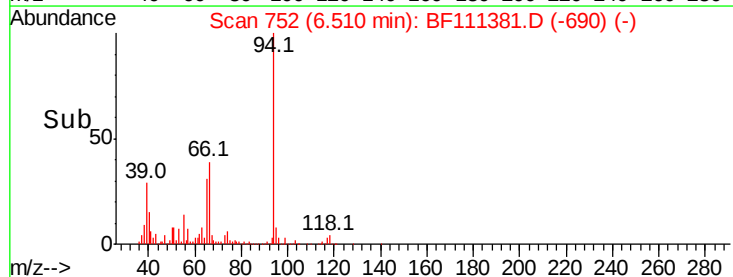
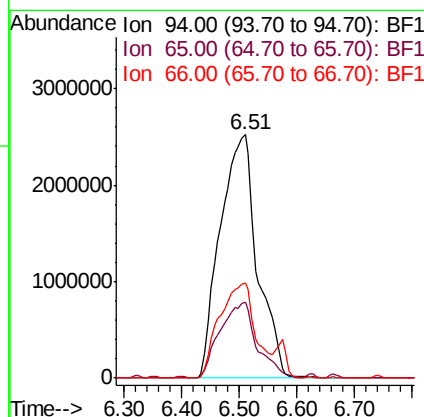
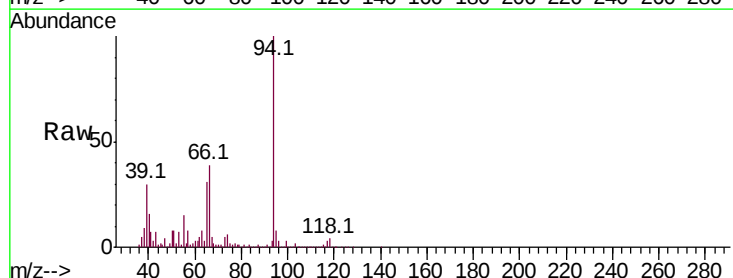
RT: 6.51 min Scan# 752

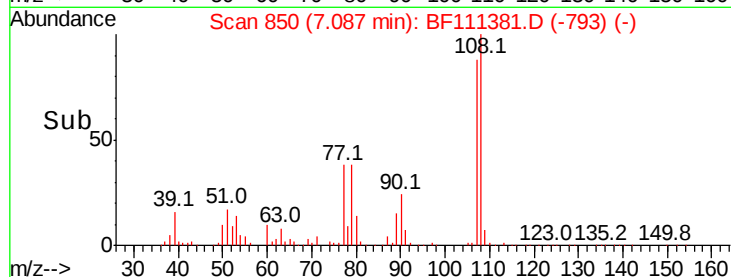
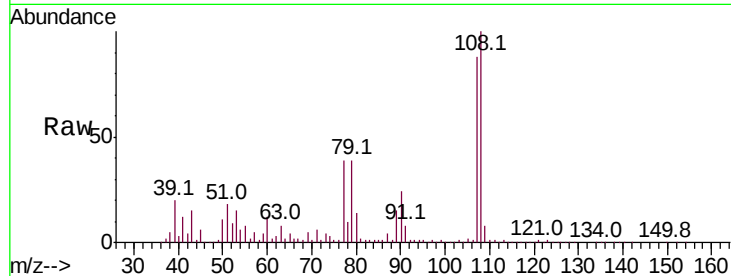
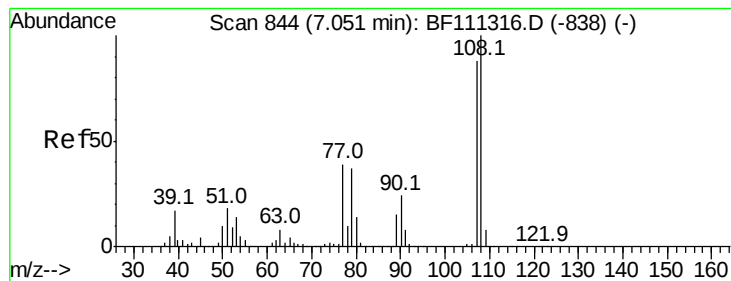
Delta R.T. 0.06 min

Lab File: BF111381.D

Acq: 13 Dec 2018 20:31

Tgt Ion	94	Resp	11338448
Ion Ratio	Lower	Upper	
94	100		
65	31.0	11.7	51.7
66	39.3	21.0	61.0





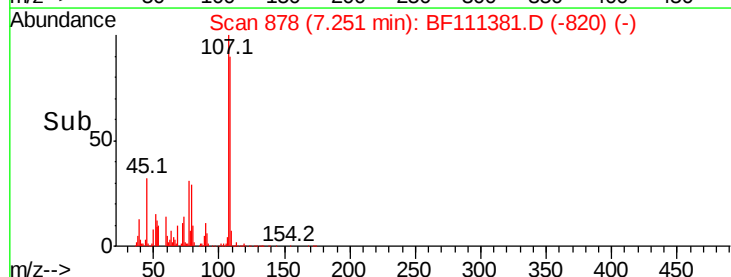
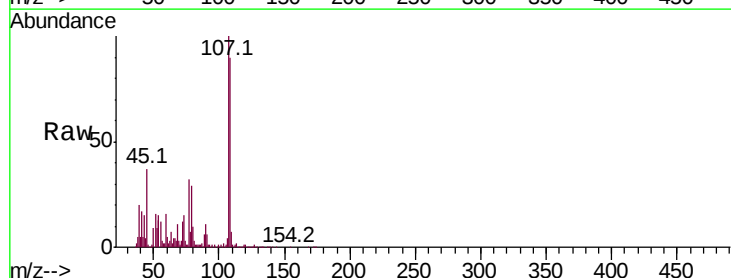
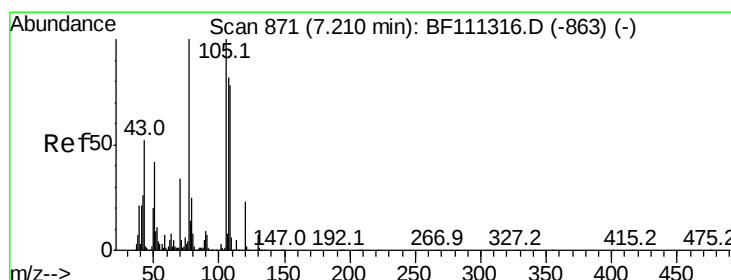
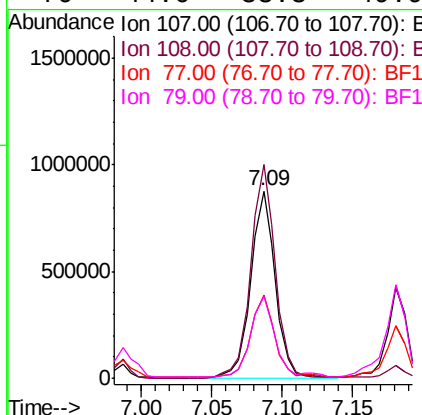
#17
2-Methylphenol
Concen: 81.858 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.04 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tot Ion	107	Resp	1063981
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.4
77	44.4	33.5	50.3
79	44.0	33.3	49.9

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

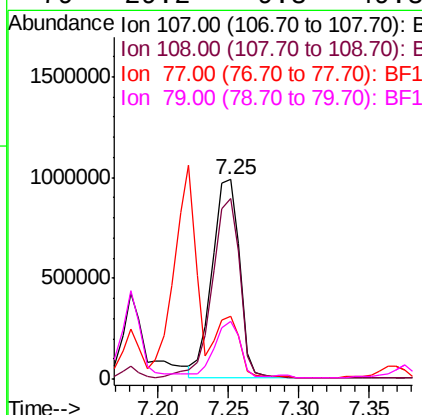
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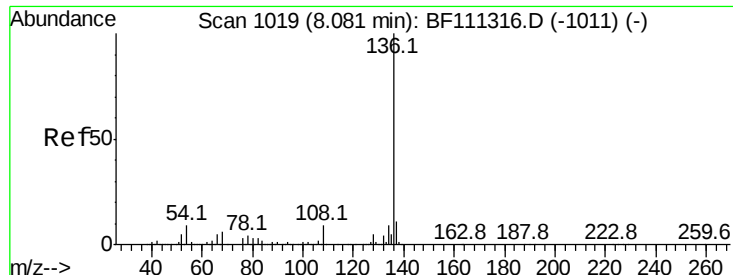
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#20
3+4-Methylphenols
Concen: 86.619 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.04 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion	107	Resp	1342652
Ion	Ratio	Lower	Upper
107	100		
108	90.3	72.1	112.1
77	31.7	94.1	134.1#
79	29.2	9.8	49.8





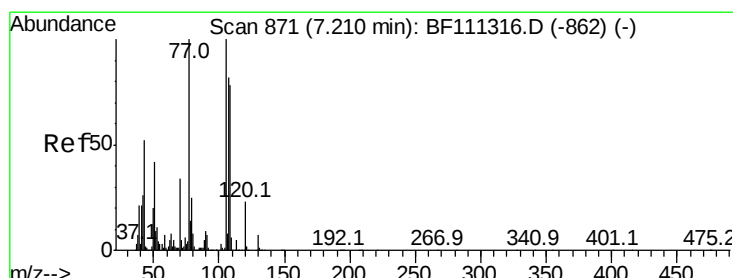
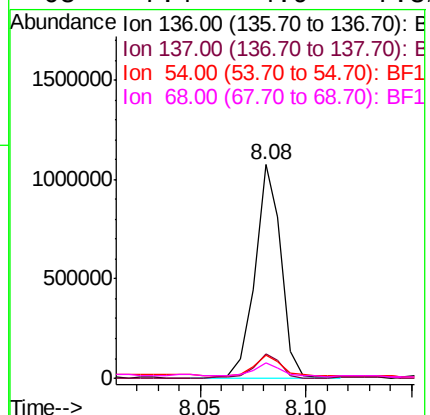
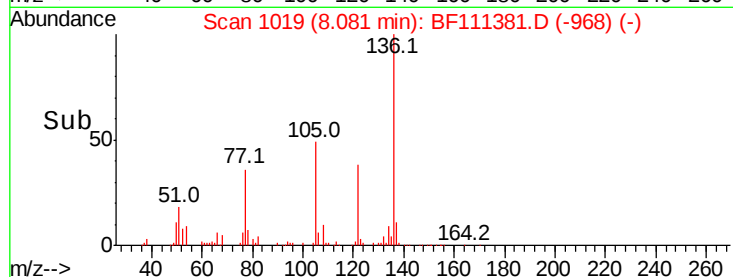
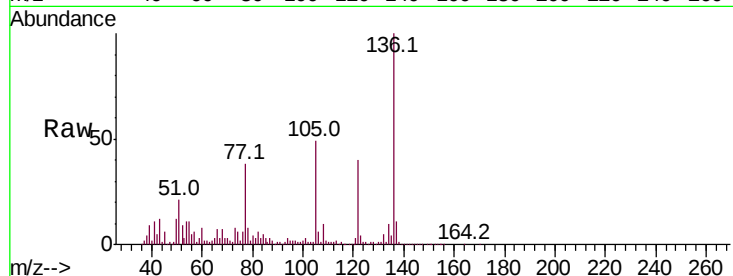
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.1	13.7	
54	11.0	7.7	11.5	
68	7.4	4.9	7.3#	

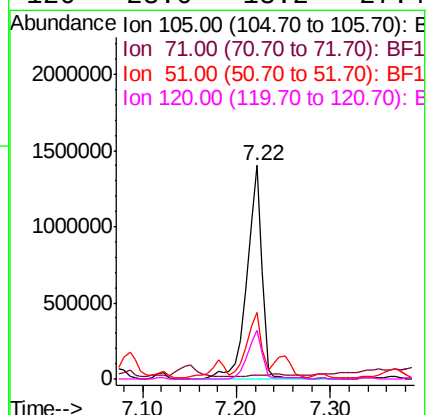
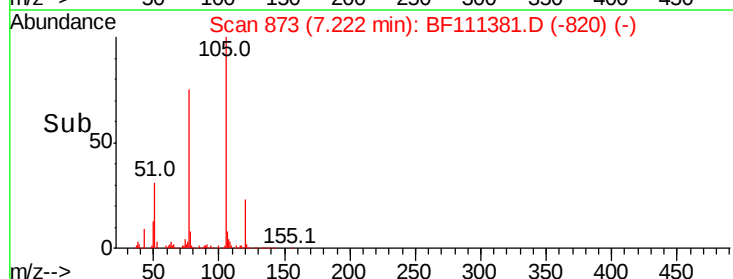
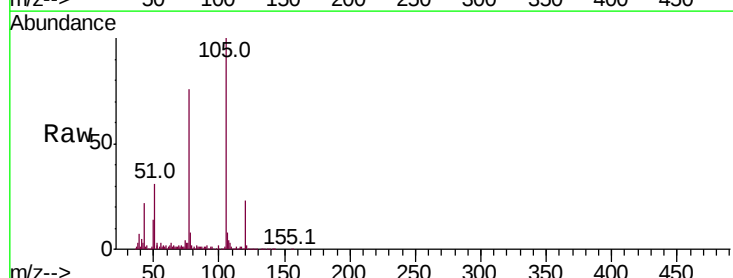
Manual Integrations
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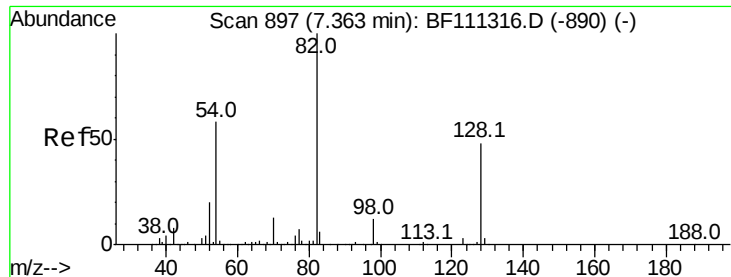
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#22
Acetophenone
Concen: 72.100 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	3.1	4.7#	
51	31.4	36.6	54.8#	
120	23.0	18.2	27.4	





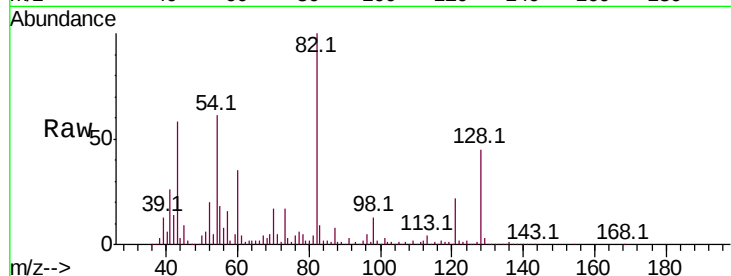
#23
 Nitrobenzene-d5
 Concen: 71.014 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF111381.D
 Acq: 13 Dec 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW001-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.4	56.2
54	60.7	47.6	71.4

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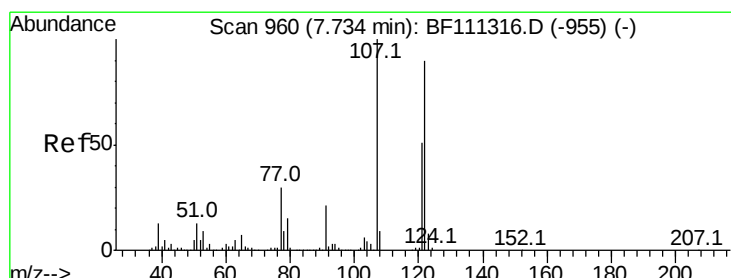
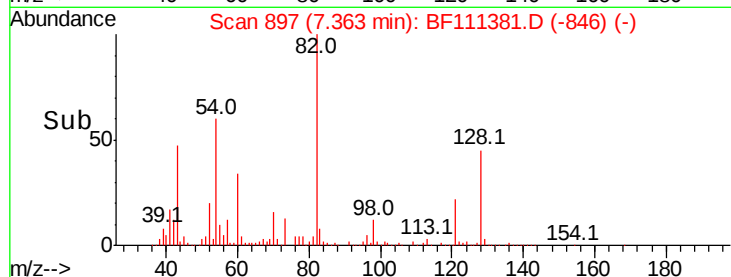
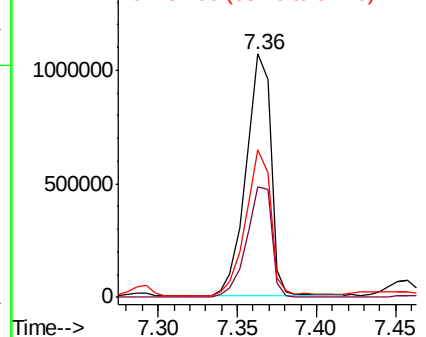


Abundance

Ion 82.00 (81.70 to 82.70): BF1

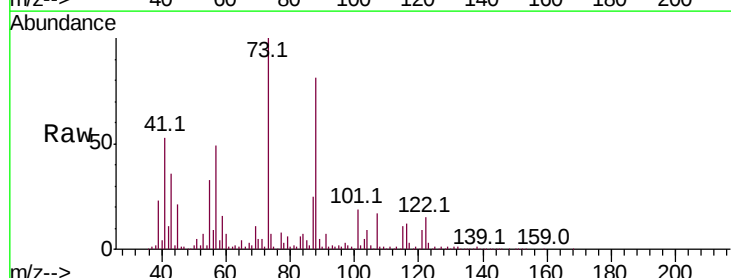
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#27
 2,4-Dimethylphenol
 Concen: 15.413 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.02 min
 Lab File: BF111381.D
 Acq: 13 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.8	85.5	128.3
121	56.8	46.6	70.0

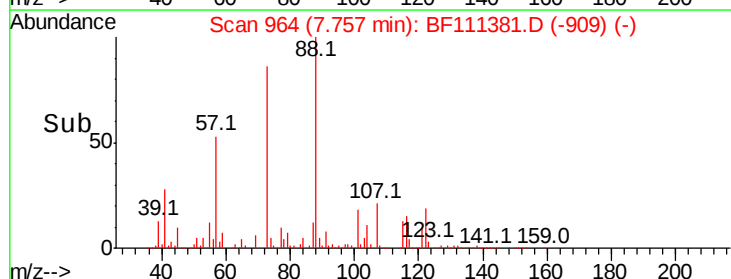
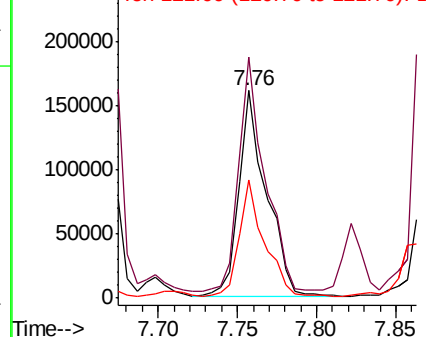


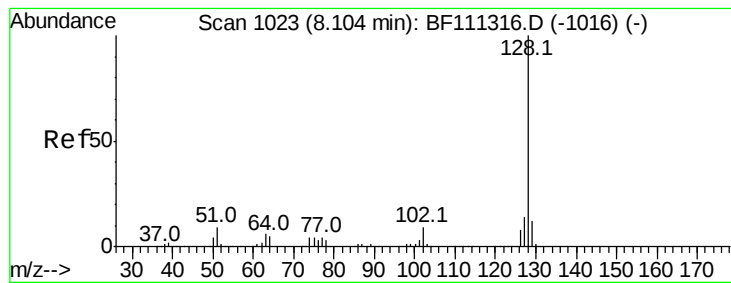
Abundance

Ion 122.00 (121.70 to 122.70): BF1

Ion 107.00 (106.70 to 107.70): BF1

Ion 121.00 (120.70 to 121.70): BF1





#31

Naphthalene

Concen: 14.561 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF111381.D

Acq: 13 Dec 2018 20:31

Instrument :

BNA_F

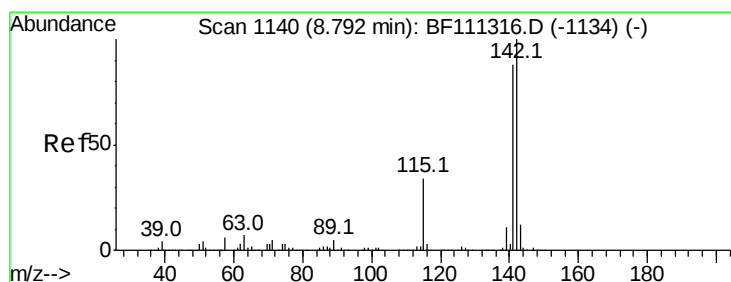
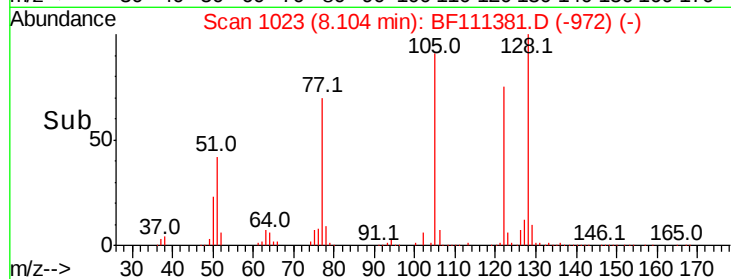
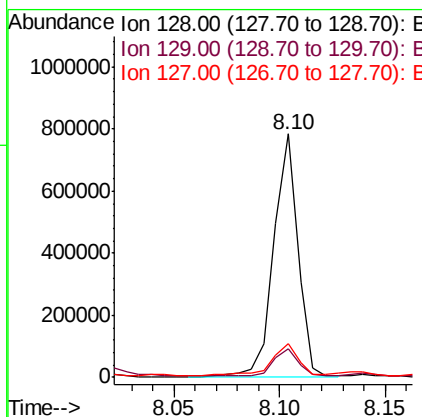
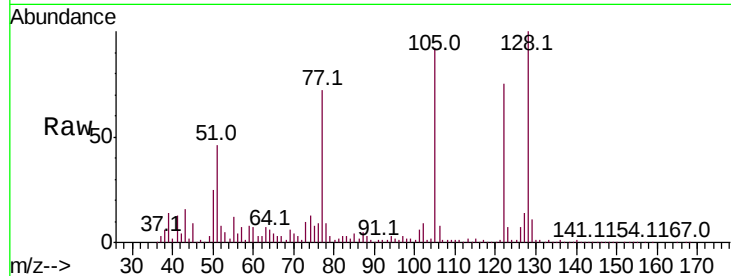
ClientSampleId :

P001-SW001-01

Tot Ion:128	Resp:	624136
Ion Ratio	Lower	Upper
128	100	
129	11.5	9.8 14.8
127	13.9	12.0 18.0

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#37

2-Methylnaphthalene

Concen: 3.087 ng

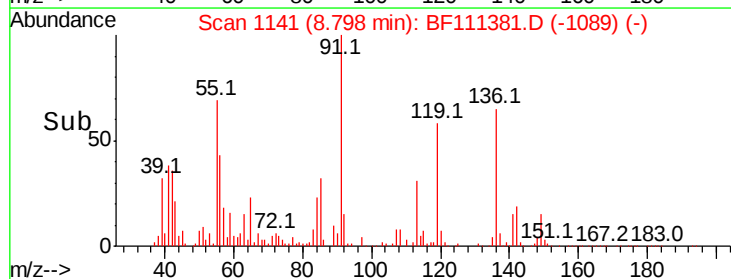
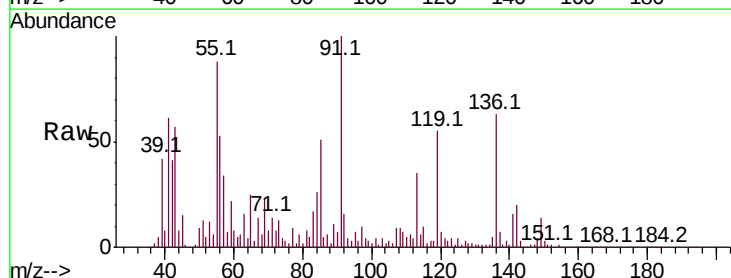
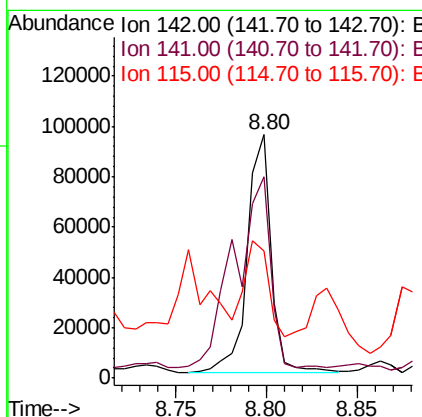
RT: 8.80 min Scan# 1141

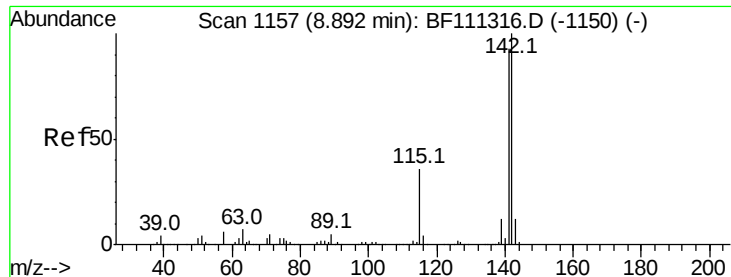
Delta R.T. 0.01 min

Lab File: BF111381.D

Acq: 13 Dec 2018 20:31

Tgt Ion:142	Resp:	85526
Ion Ratio	Lower	Upper
142	100	
141	82.7	70.6 105.8
115	52.1	27.0 40.6#





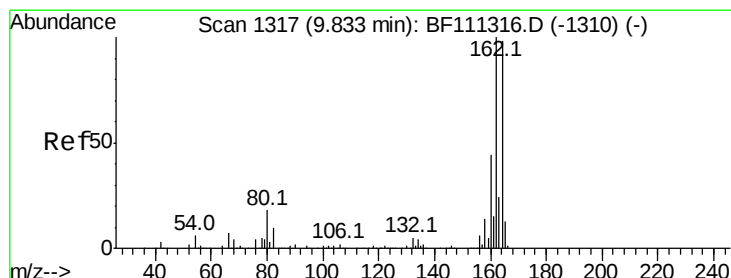
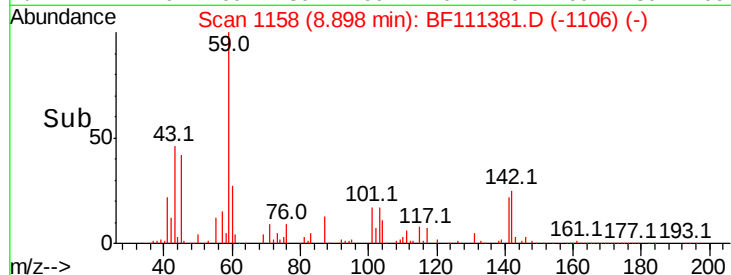
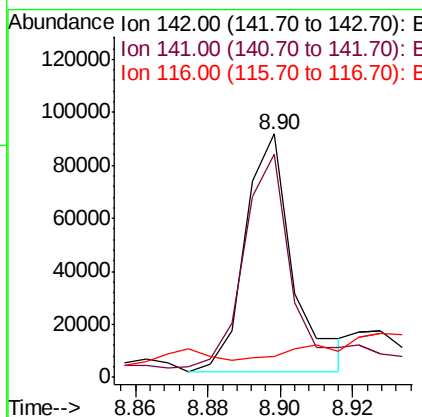
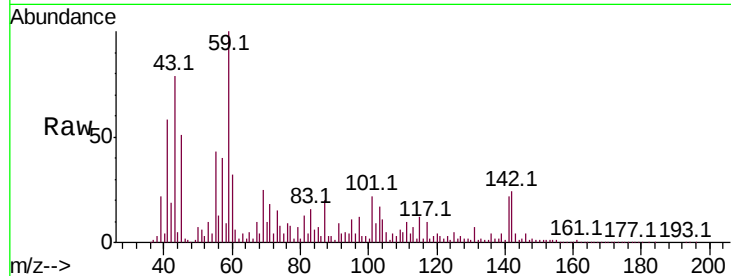
#38
1-Methylnaphthalene
Concen: 3.087 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	91.7	74.2	111.4	
116	8.8	2.9	4.3	

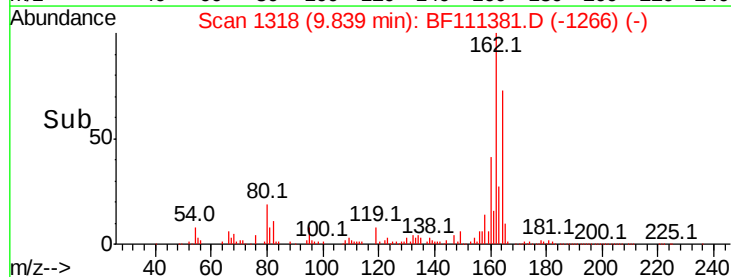
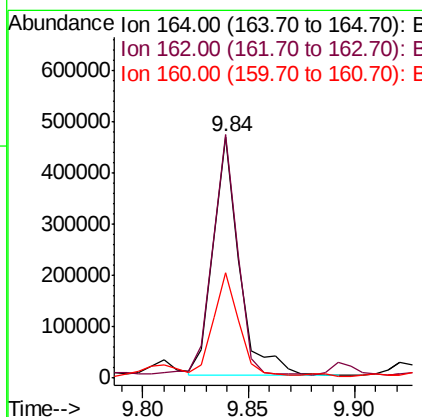
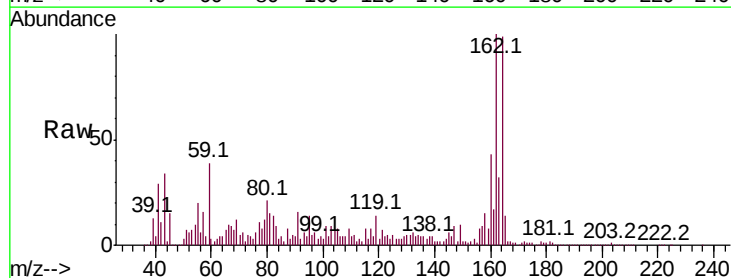
Manual Integrations
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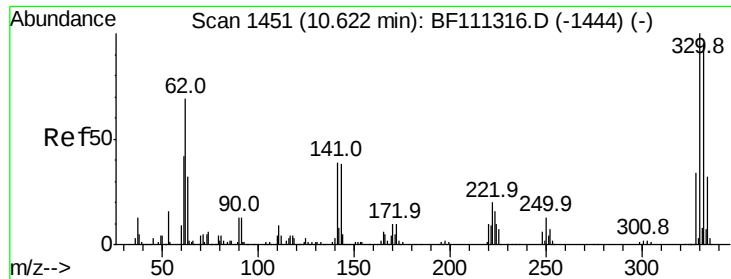
Sohil
12/14/2018 12:53:33 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.8	81.4	122.0	
160	43.6	35.7	53.5	





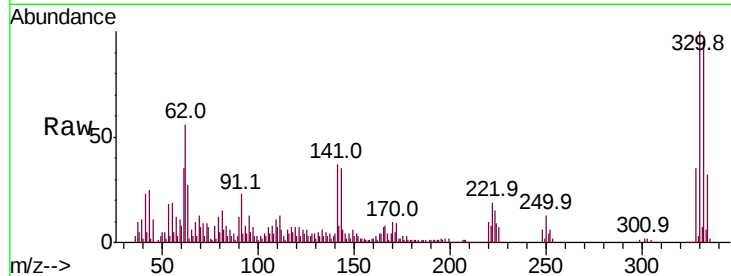
#42
 2,4,6-Tribromophenol
 Concen: 87.474 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.02 min
 Lab File: BF111381.D
 Acq: 13 Dec 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW001-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	76.0	114.0	
141	39.1	31.0	46.6	

Manual Integrations
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 12/14/2018 12:53:33 PM

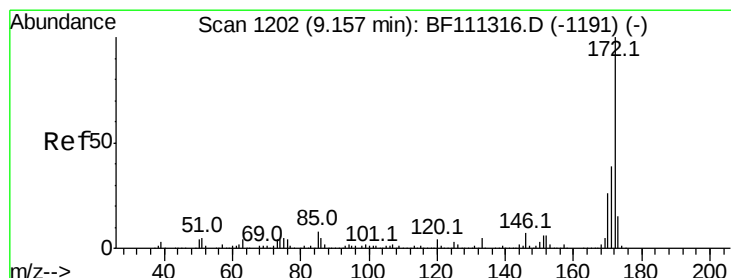
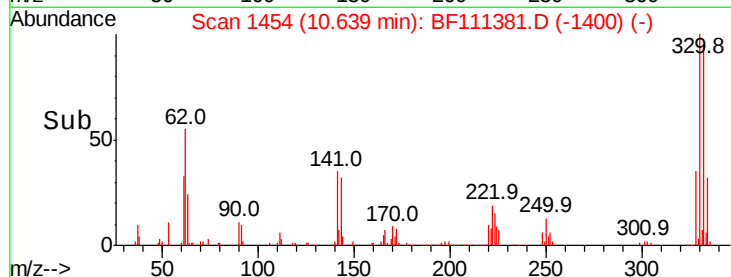
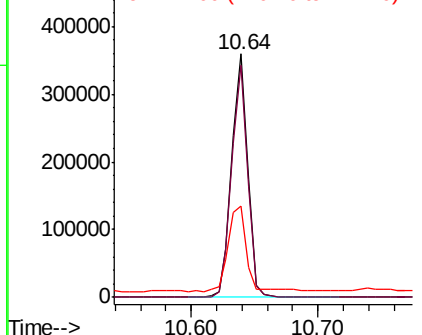


Abundance

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: 70.310 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF111381.D
 Acq: 13 Dec 2018 20:31

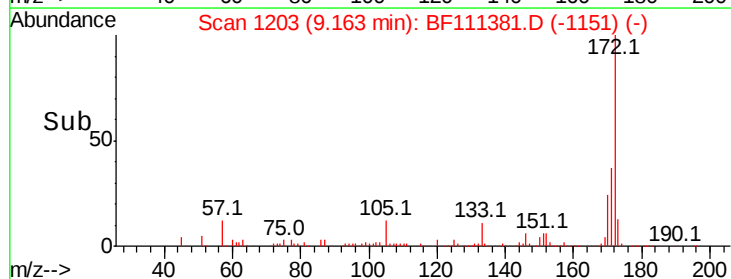
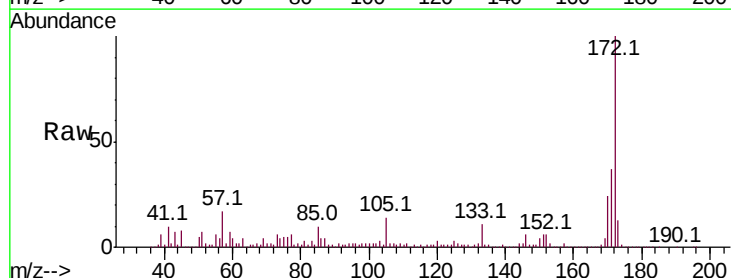
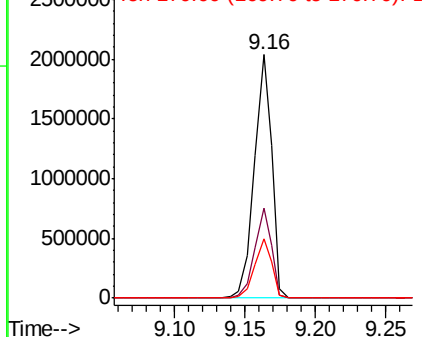
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.9	33.0	49.4	
170	24.3	22.3	33.5	

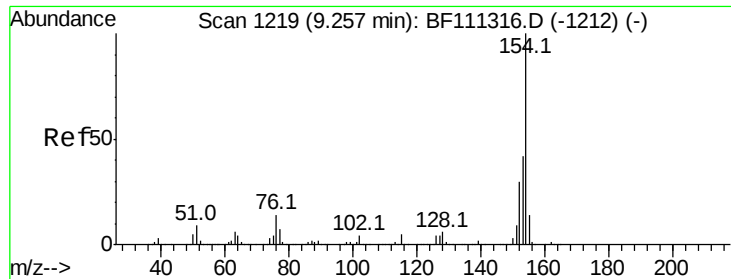
Abundance

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





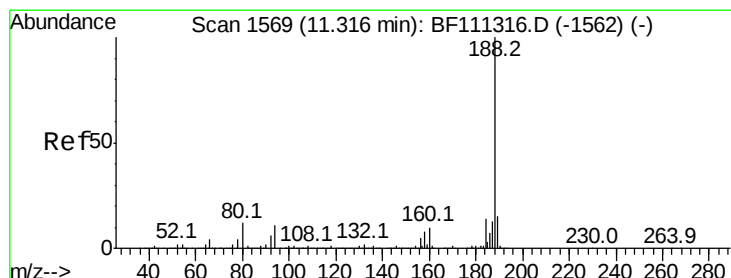
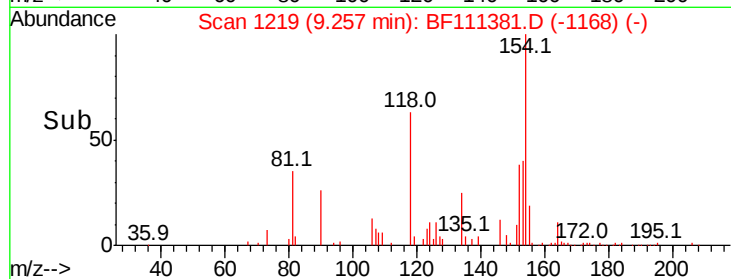
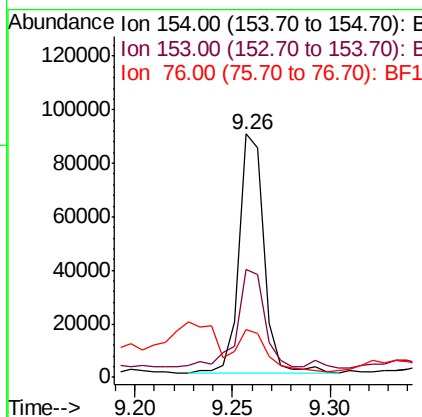
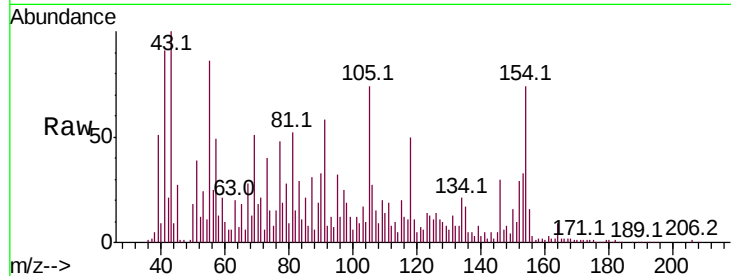
#46
 1,1'-Biphenyl
 Concen: 2.304 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF111381.D
 Acq: 13 Dec 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW001-01

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.2	23.7	63.7
76	19.8	0.0	35.0

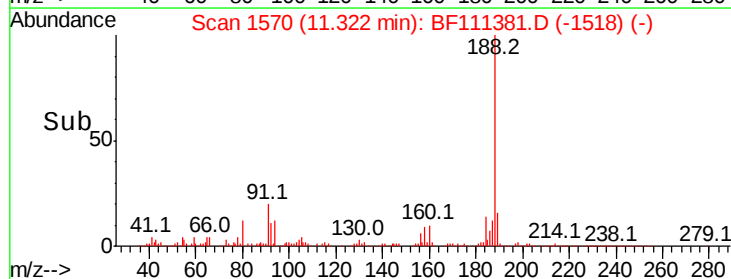
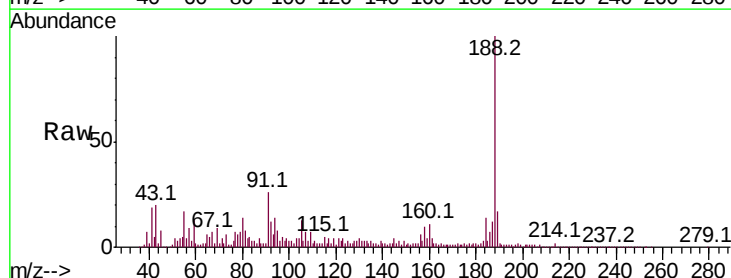
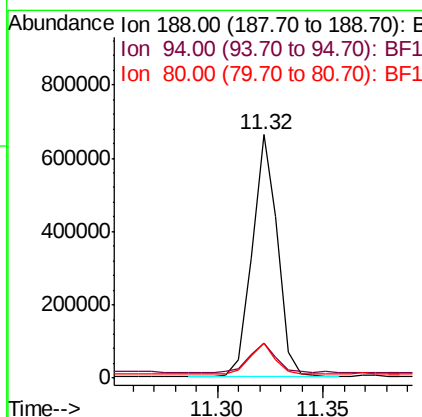
Manual Integrations
 APPROVED

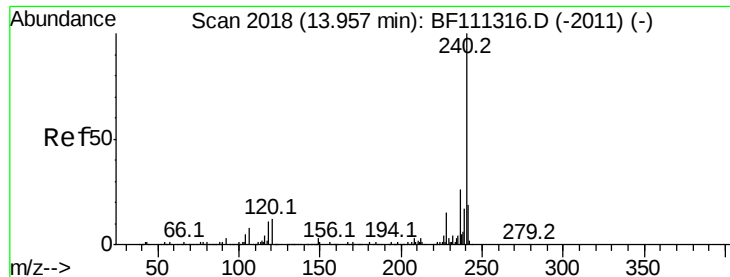
Sohil
 12/14/2018 12:53:33 PM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF111381.D
 Acq: 13 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.2	9.6	14.4
80	14.1	9.8	14.6





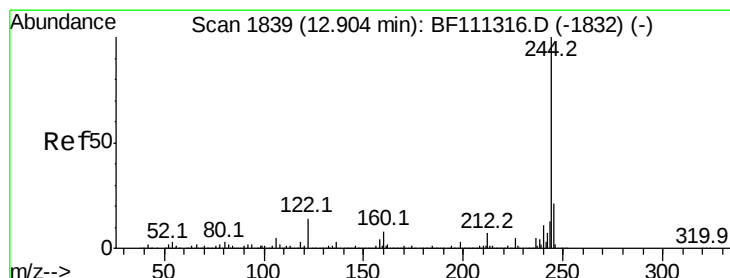
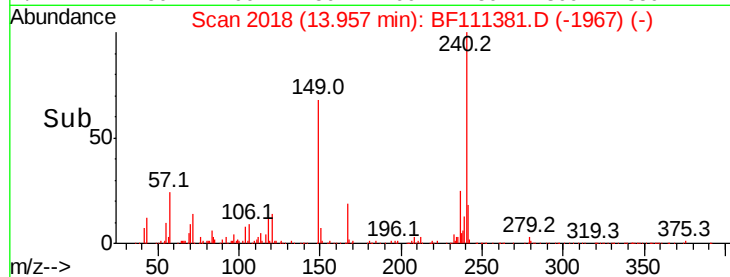
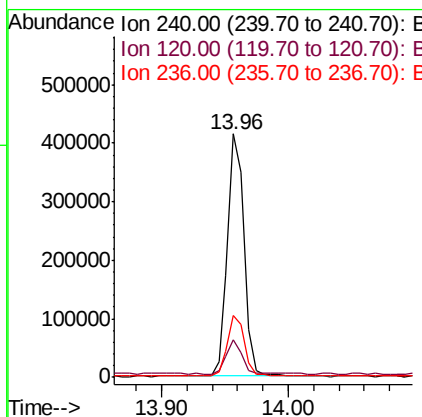
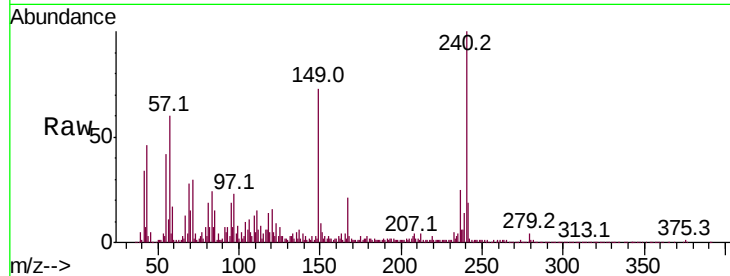
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Instrument :
BNA_F
ClientSampleId :
P001-SW001-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	12.2	18.2
236	25.3	20.2	30.2

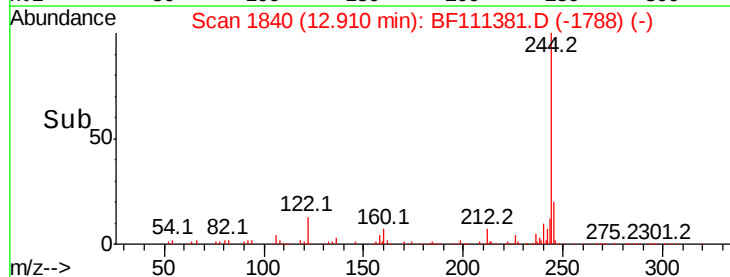
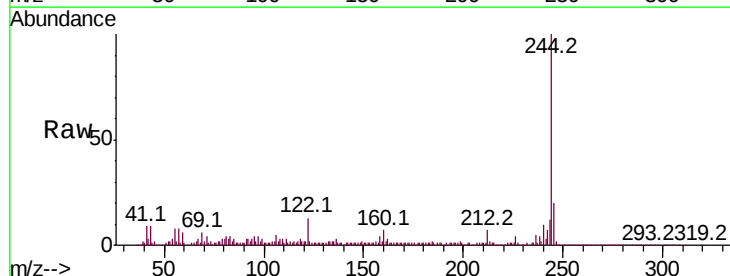
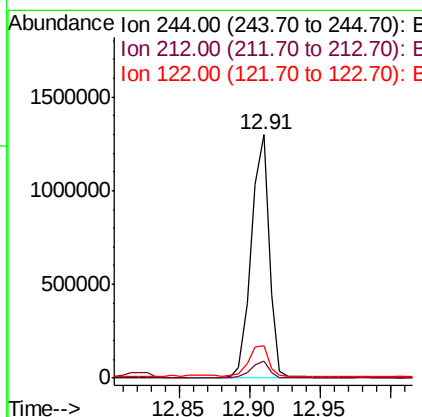
Manual Integrations
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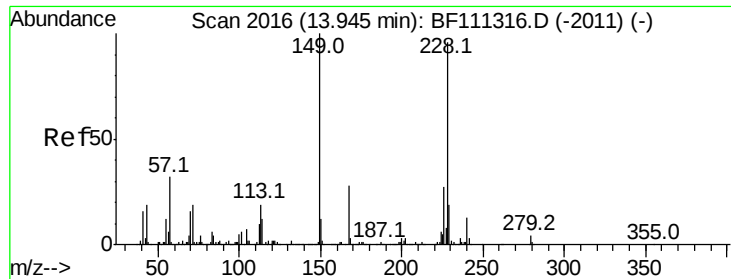
Sohil
12/14/2018 12:53:33 PM



#79
Terphenyl-d14
Concen: 67.889 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111381.D
Acq: 13 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	13.5	13.1	19.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 38.522 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111381.D

Acq: 13 Dec 2018 20:31

Instrument :

BNA_F

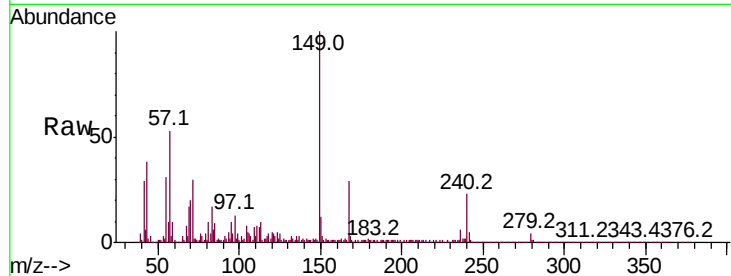
ClientSampleId :

P001-SW001-01

Tot Ion:	149	Resp:	656366
Ion Ratio	Lower	Upper	
149	100		
167	28.6	22.5	33.7
279	3.7	2.6	4.0

Manual Integrations
APPROVED

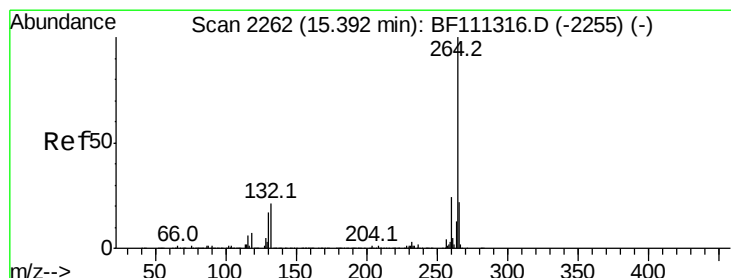
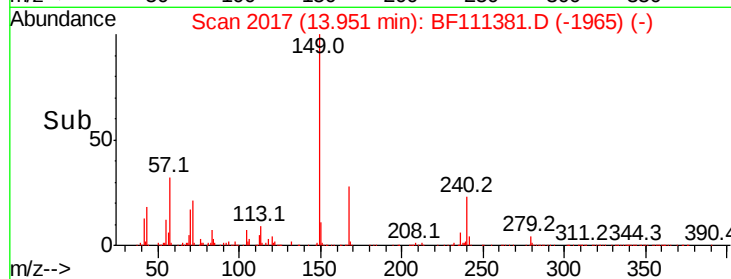
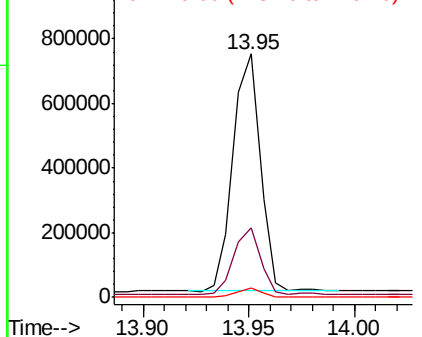
Sohil
12/14/2018 12:53:33 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

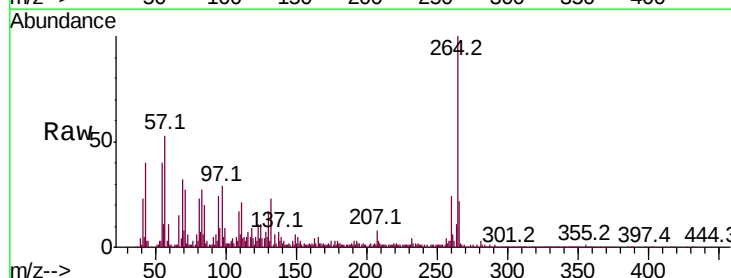
RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF111381.D

Acq: 13 Dec 2018 20:31

Tgt Ion:	264	Resp:	310863
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.3	27.5
265	22.2	17.7	26.5



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

