

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111388.D
 Acq On : 13 Dec 2018 23:43
 Operator : JU/SJ
 Sample : J6305-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW005-01

Manual Integrations
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Sohil
 12/14/2018 12:53:44 PM

Quant Time: Dec 14 10:55:34 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	232892	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1161987	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	472725	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	645631	20.00	ng	0.00
76) Chrysene-d12	13.95	240	470081	20.00	ng	0.00
87) Perylene-d12	15.39	264	361172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	981071	71.24	ng	0.03
7) Phenol-d6	6.46	99	168340	9.07	ng	0.03
23) Nitrobenzene-d5	7.37	82	1457180	70.68	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	395366	94.88	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	2285494	77.62	ng	0.00
79) Terphenyl-d14	12.91	244	1545111	72.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.53	88	387282	56.297	ng	96
3) Pyridine	3.29	79	325449	19.258	ng	100
6) Aniline	6.47	93	3618844	161.097	ng	# 51
10) Phenol	6.53	94	15921966	756.949	ng	99
17) 2-Methylphenol	7.10	107	1995320	145.874	ng	98
20) 3+4-Methylphenols	7.26	107	1916109m	117.465	ng	
22) Acetophenone	7.23	105	1796417	66.555	ng	# 87
27) 2,4-Dimethylphenol	7.76	122	622488	39.287	ng	98
31) Naphthalene	8.10	128	216499	3.999	ng	96
50) Dimethylphthalate	9.56	163	163986	4.824	ng	# 64

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

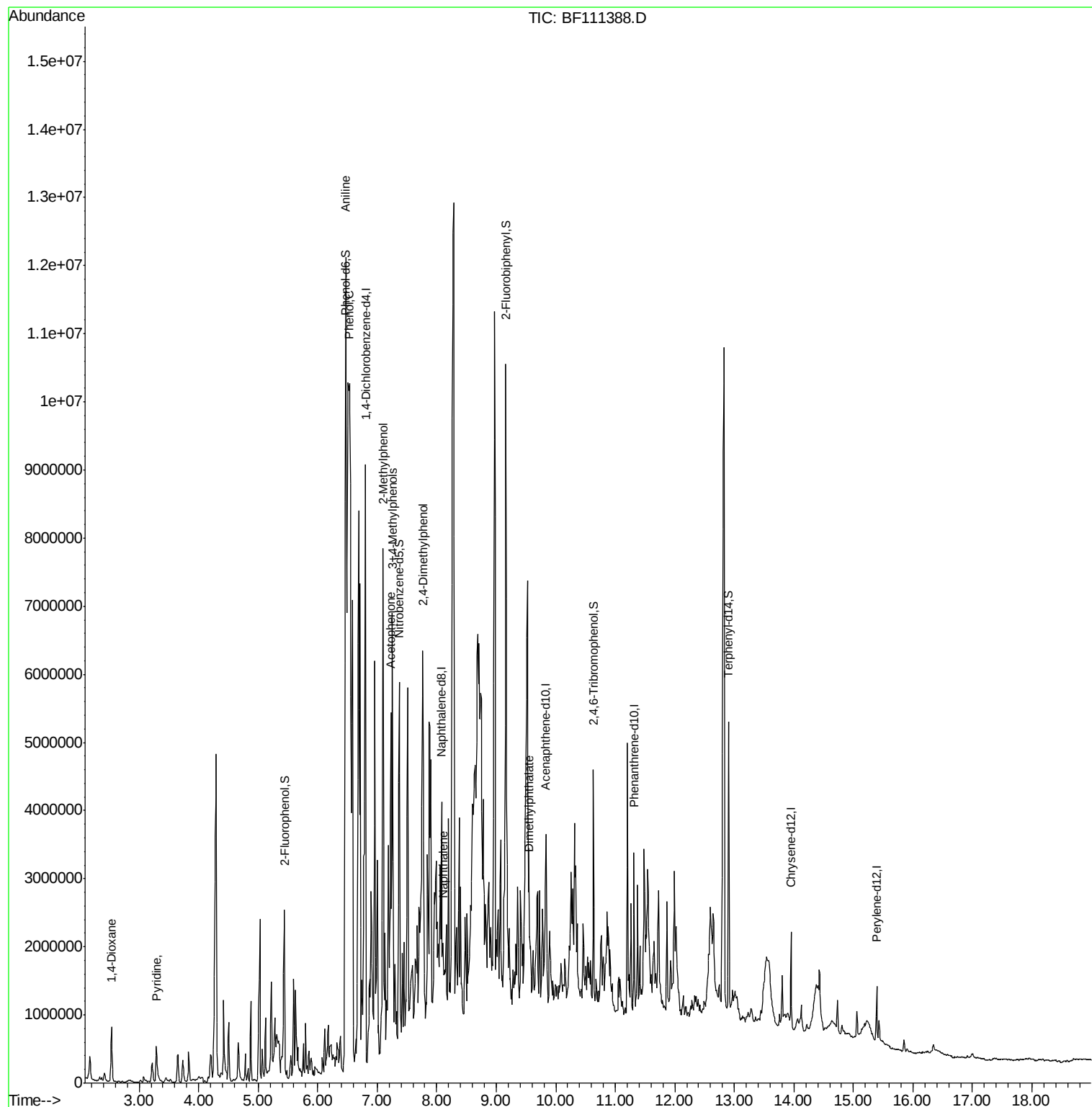
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111388.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6305-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

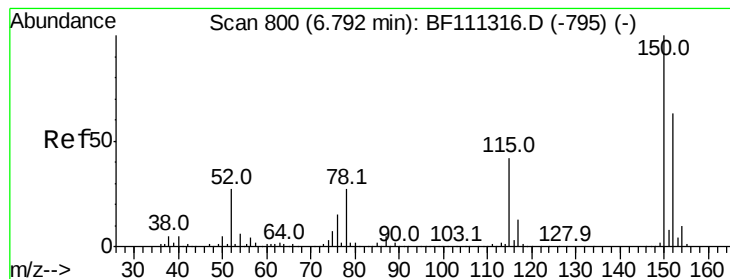
Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

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12/14/2018 12:53:44 PM

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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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#1

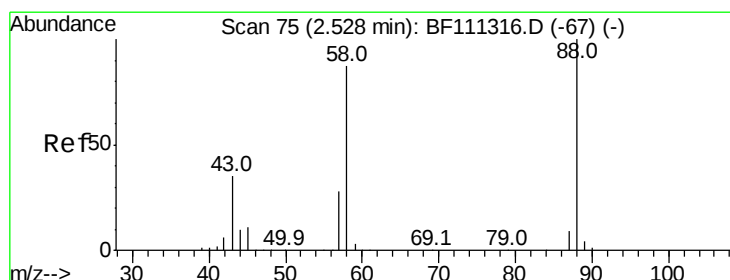
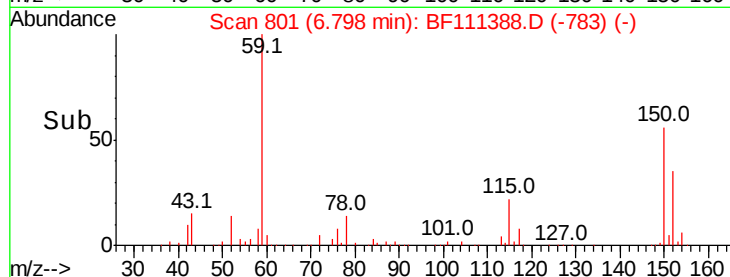
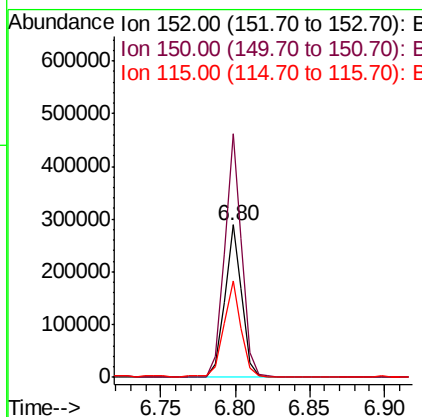
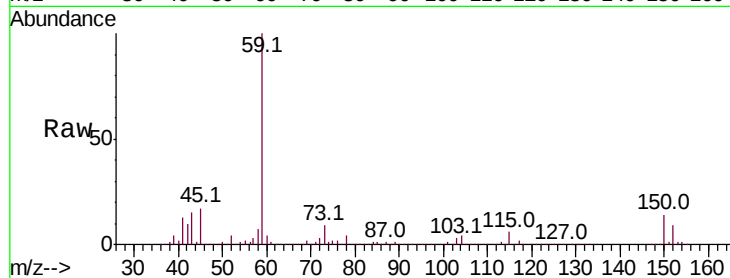
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111388.D
Acq: 13 Dec 2018 23:43

Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.6	189.8
115	63.5	50.7	76.1

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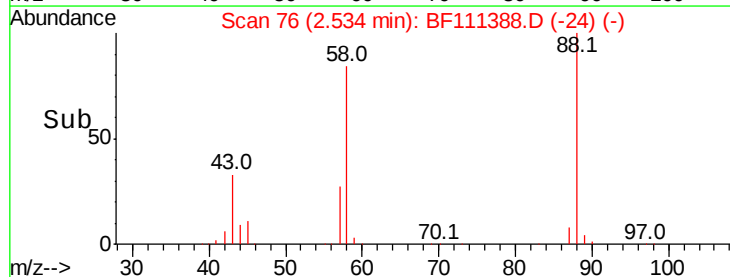
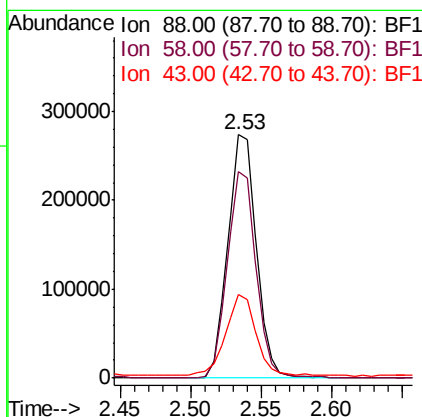
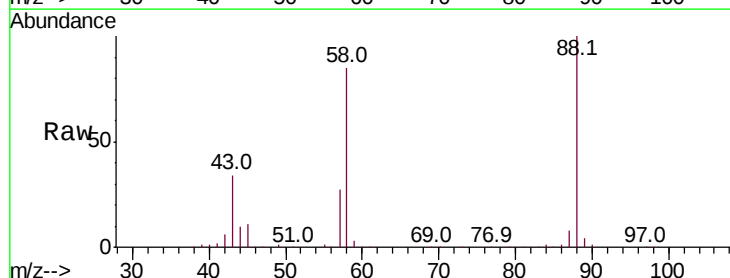
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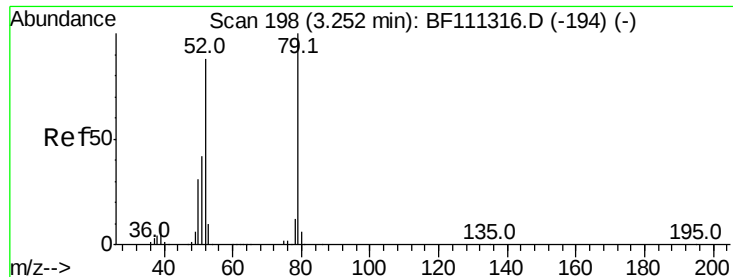


#2

1,4-Dioxane
Concen: 56.297 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BF111388.D
Acq: 13 Dec 2018 23:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.5	68.9	103.3
43	36.8	25.8	38.6





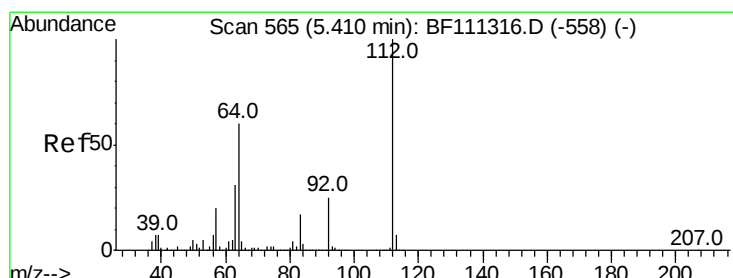
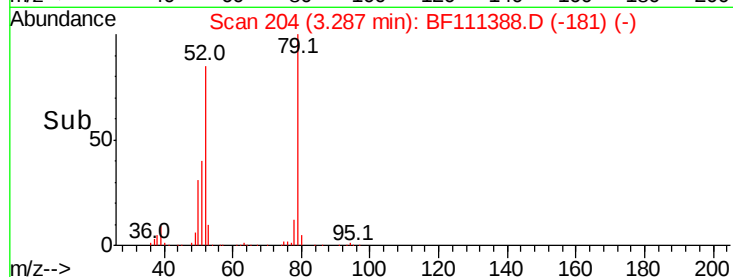
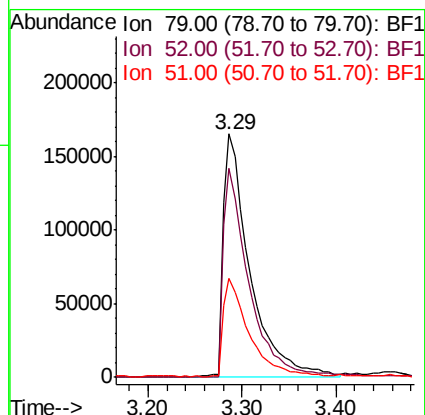
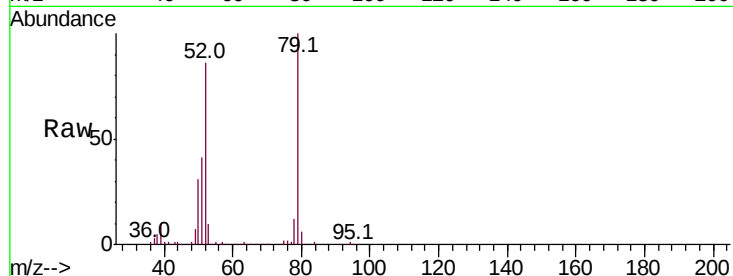
#3
 Pvridine
 Concen: 19.258 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.04 min
 Lab File: BF111388.D
 Acq: 13 Dec 2018 23:43

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW005-01

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.8	68.3	102.5
51	40.6	32.6	49.0

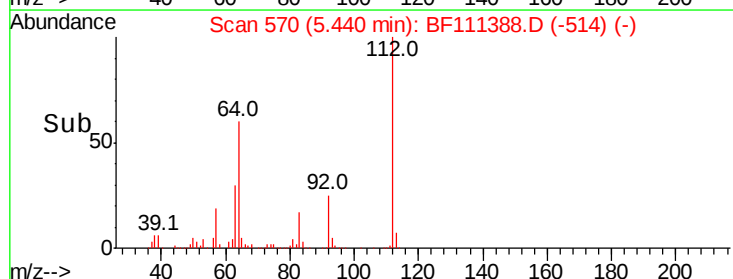
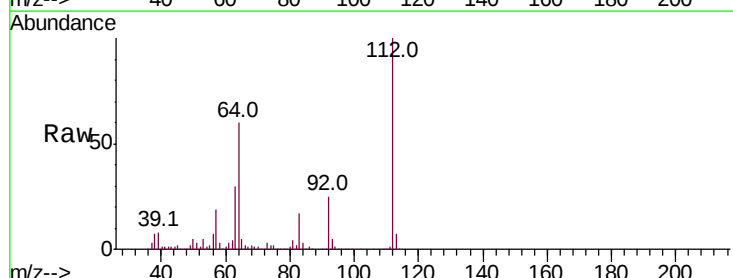
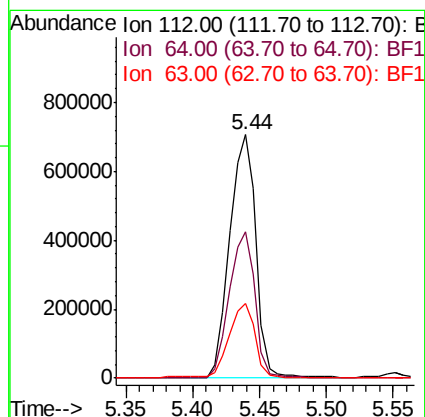
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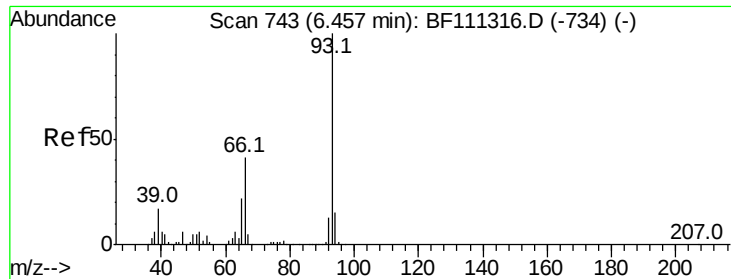
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#5
 2-Fluorophenol
 Concen: 71.236 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.03 min
 Lab File: BF111388.D
 Acq: 13 Dec 2018 23:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	51.8	77.6
63	30.5	26.8	40.2





#6

Aniline

Concen: 161.097 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF111388.D

Acq: 13 Dec 2018 23:43

Instrument :

BNA_F

ClientSampleId :

P001-SW005-01

Tot Ion: 93 Resp: 3618844

Ion Ratio Lower Upper

93 100

66 71.9 33.2 49.8#

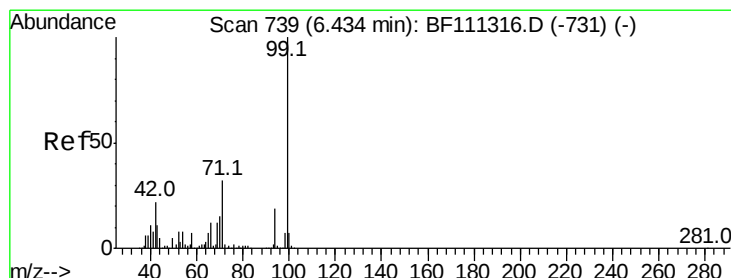
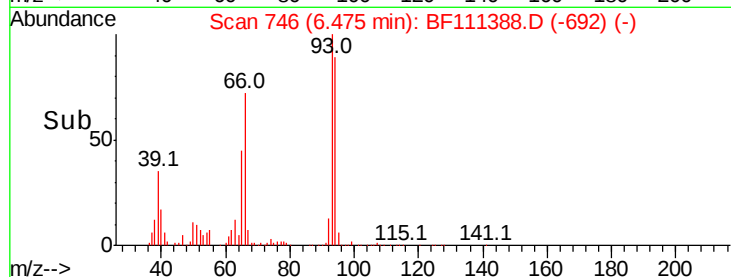
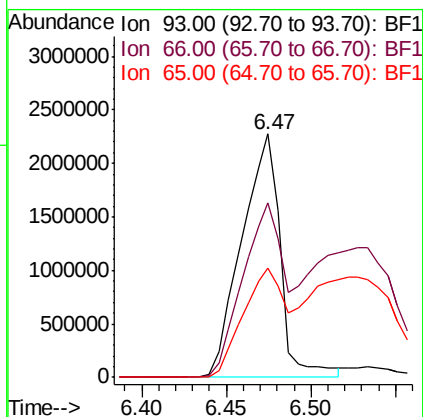
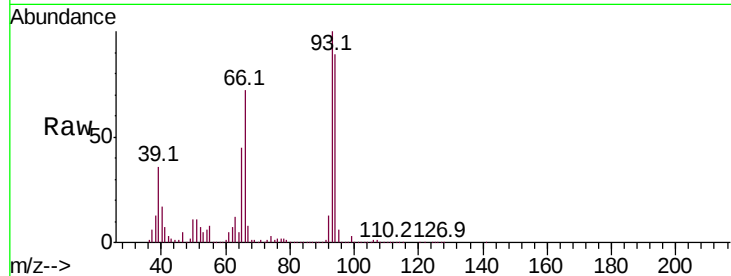
65 45.1 17.0 25.4#

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#7

Phenol-d6

Concen: 9.066 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.03 min

Lab File: BF111388.D

Acq: 13 Dec 2018 23:43

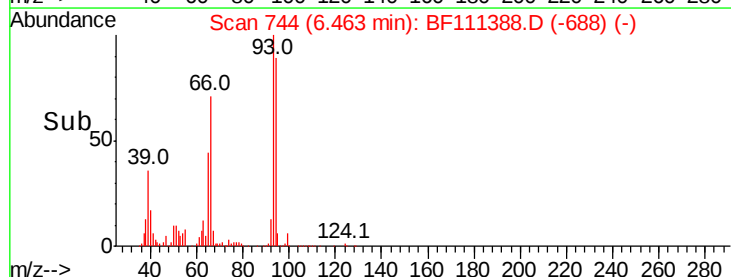
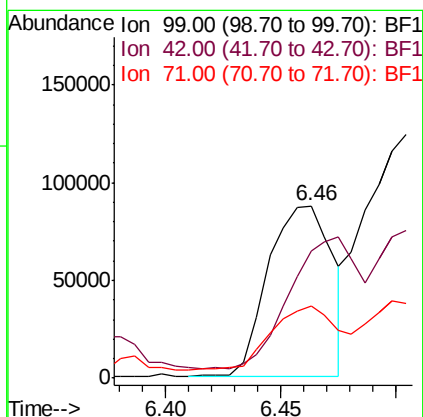
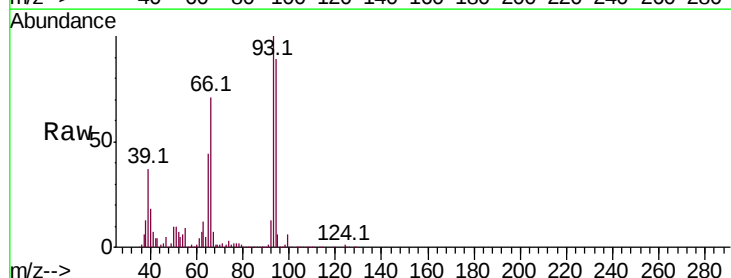
Tgt Ion: 99 Resp: 168340

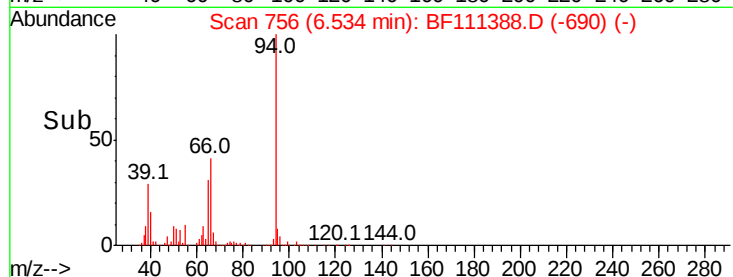
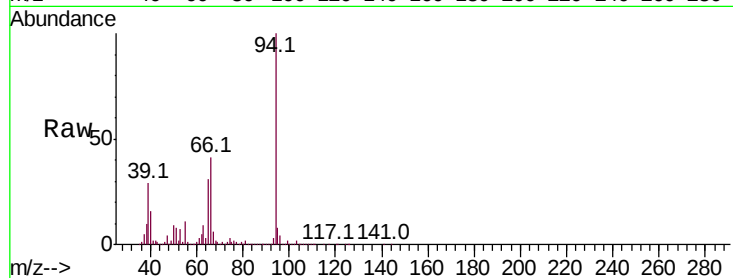
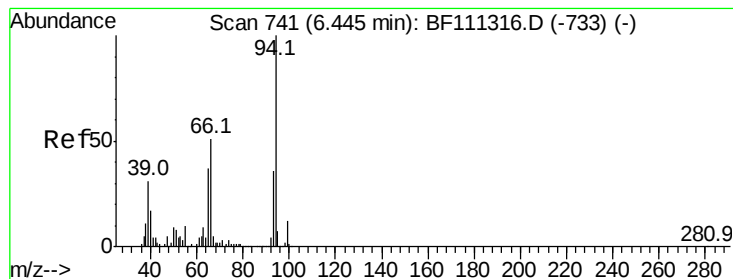
Ion Ratio Lower Upper

99 100

42 73.7 17.4 26.0#

71 41.4 26.1 39.1#





#10

Phenol

Concen: 756.949 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.09 min

Lab File: BF111388.D

Acq: 13 Dec 2018 23:43

Tot Ion: 94 Resp: 15921966

Ion Ratio Lower Upper

94 100

65 31.3 11.7 51.7

66 41.3 21.0 61.0

Instrument :

BNA_F

ClientSampleId :

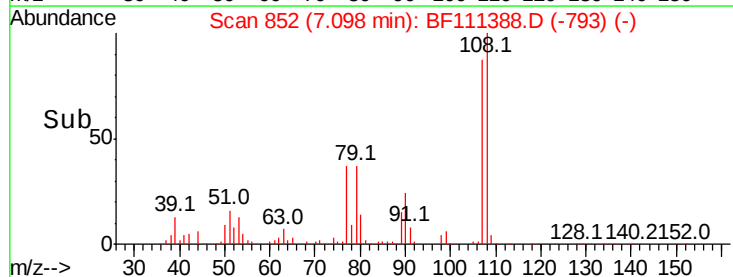
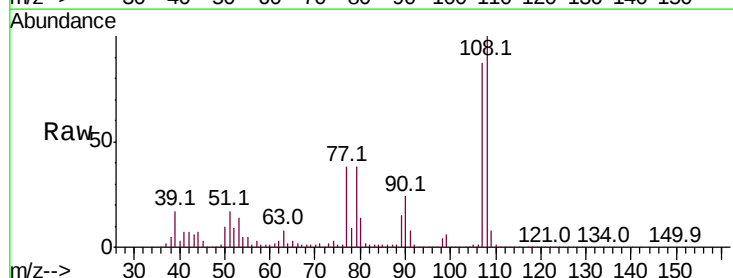
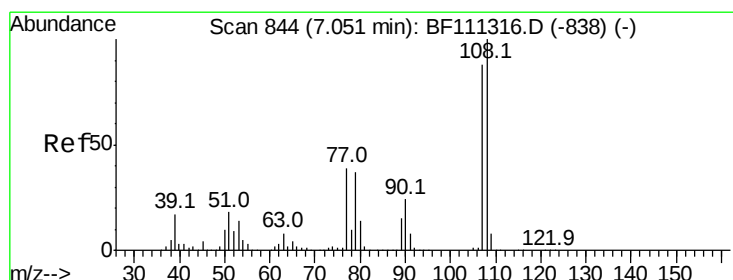
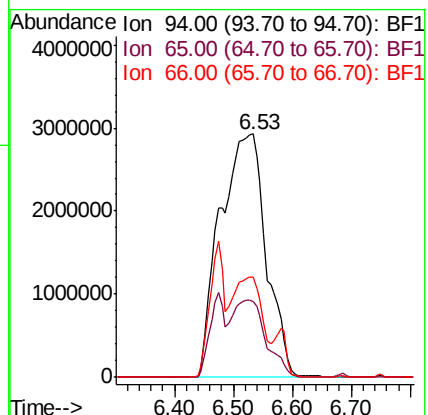
P001-SW005-01

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#17

2-Methylphenol

Concen: 145.874 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.05 min

Lab File: BF111388.D

Acq: 13 Dec 2018 23:43

Tgt Ion: 107 Resp: 1995320

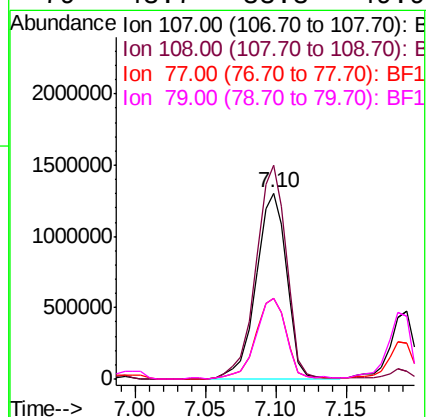
Ion Ratio Lower Upper

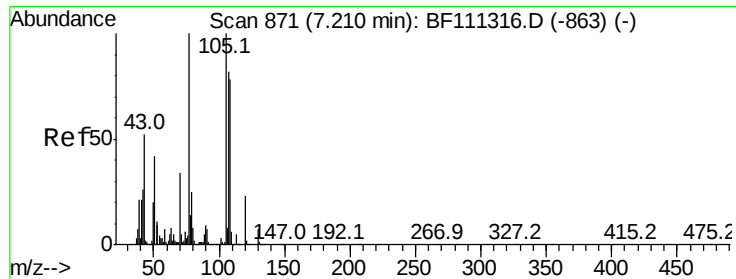
107 100

108 115.0 91.0 136.4

77 43.2 33.5 50.3

79 43.7 33.3 49.9





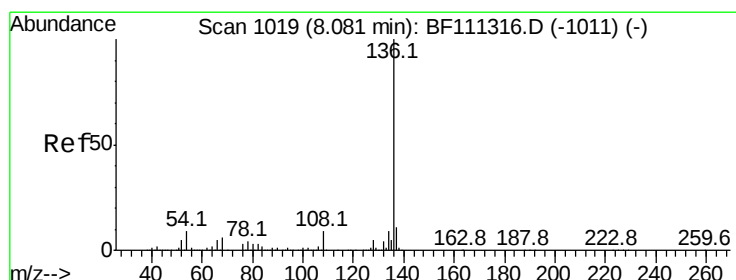
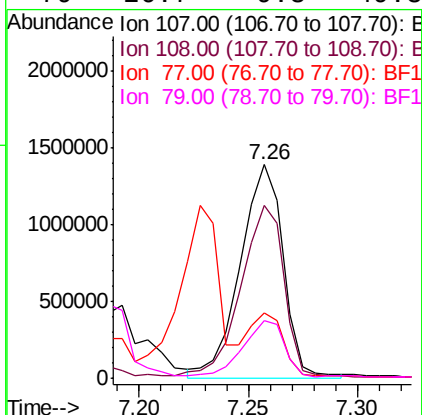
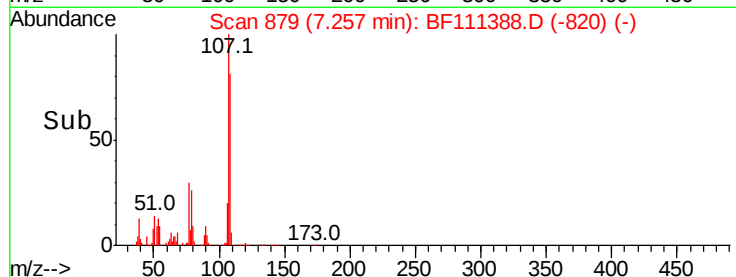
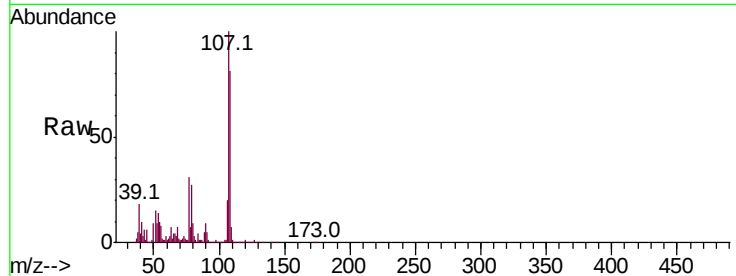
#20
3+4-Methylphenols
Concen: 117.465 ng m
RT: 7.26 min Scan# 879
Delta R.T. 0.05 min
Lab File: BF111388.D
Acq: 13 Dec 2018 23:43

Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

Tot Ion	Ratio	Lower	Upper
107	100		
108	80.9	72.1	112.1
77	30.6	94.1	134.1#
79	26.7	9.8	49.8

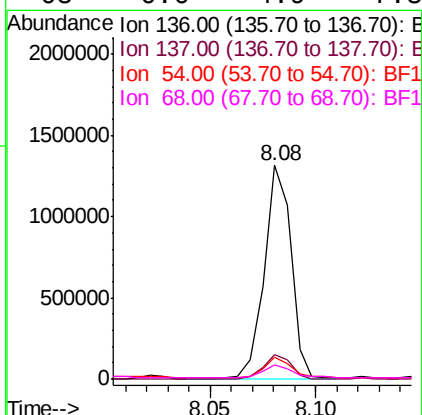
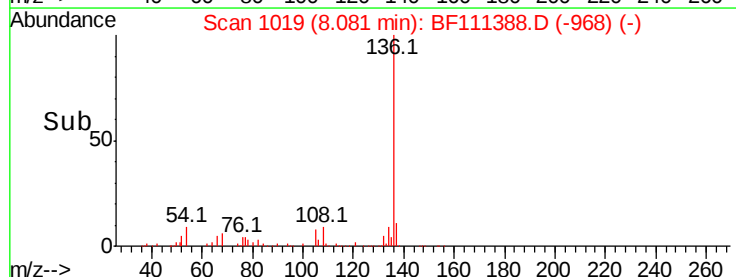
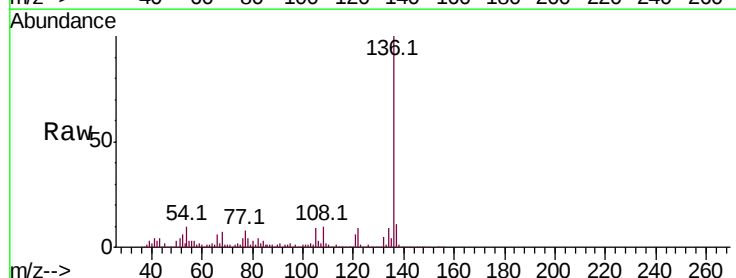
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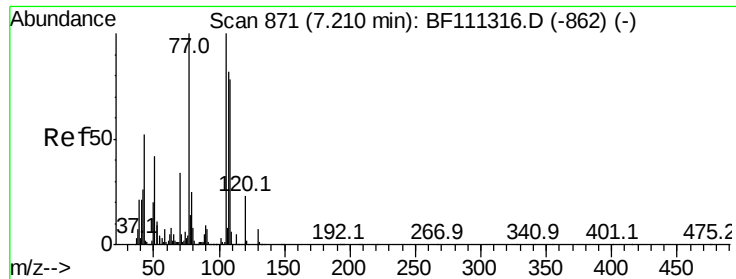
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111388.D
Acq: 13 Dec 2018 23:43

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.2	7.7	11.5
68	6.6	4.9	7.3





#22

Acetophenone

Concen: 66.555 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.02 min

Lab File: BF111388.D

Acq: 13 Dec 2018 23:43

Instrument :

BNA_F

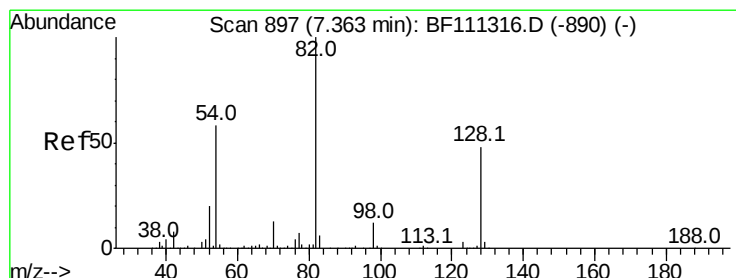
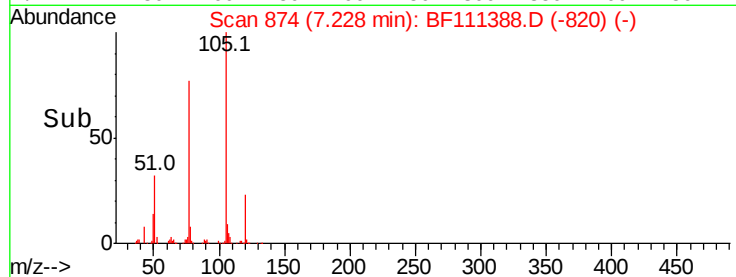
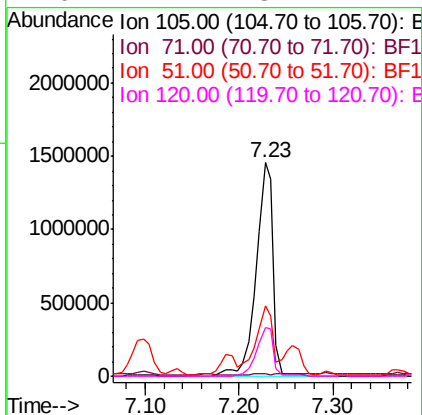
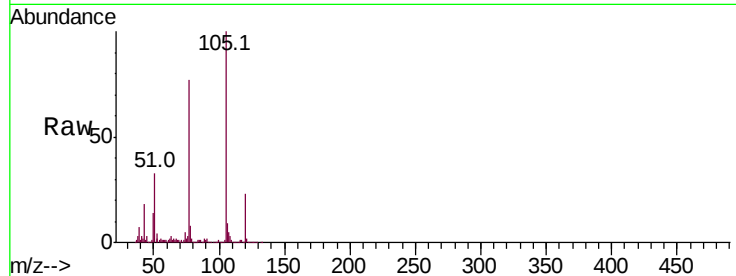
ClientSampleId :

P001-SW005-01

Tot Ion:	105	Resp:	1796417
Ion Ratio	Lower	Upper	
105	100		
71	0.9	3.1	4.7#
51	32.9	36.6	54.8#
120	22.7	18.2	27.4

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#23

Nitrobenzene-d5

Concen: 70.682 ng

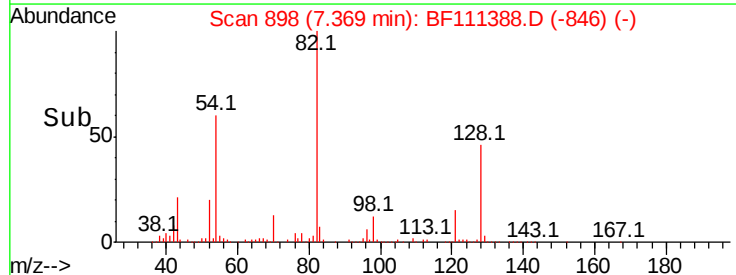
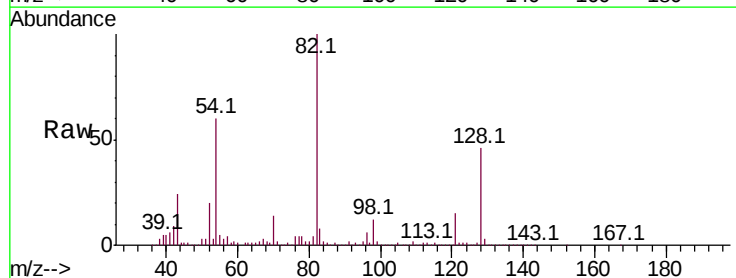
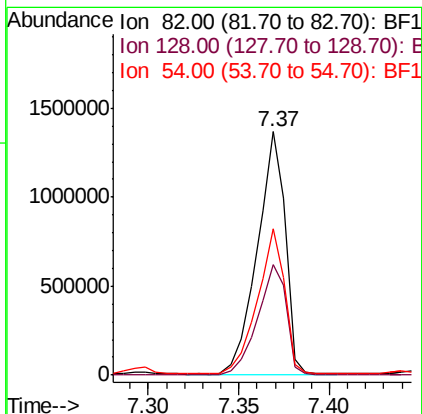
RT: 7.37 min Scan# 898

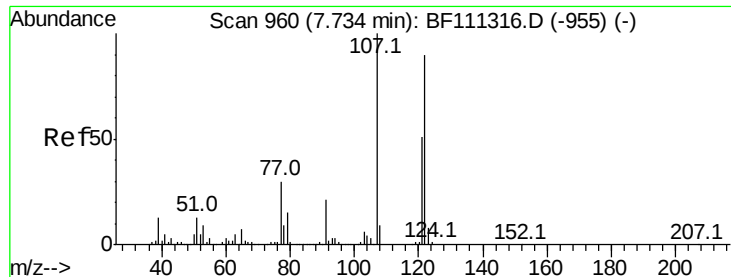
Delta R.T. 0.01 min

Lab File: BF111388.D

Acq: 13 Dec 2018 23:43

Tgt Ion:	82	Resp:	1457180
Ion Ratio	Lower	Upper	
82	100		
128	45.6	37.4	56.2
54	60.3	47.6	71.4





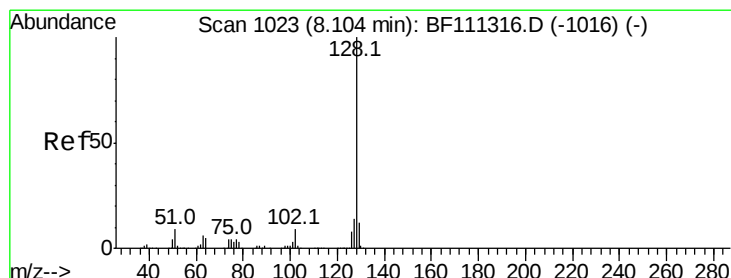
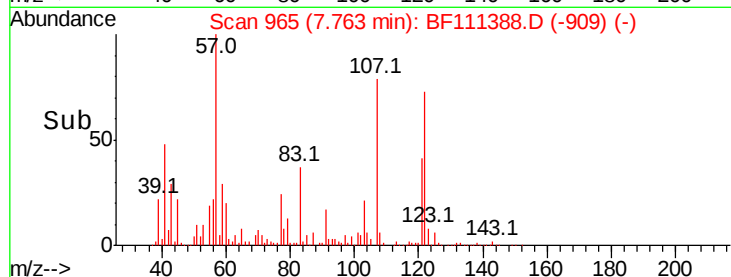
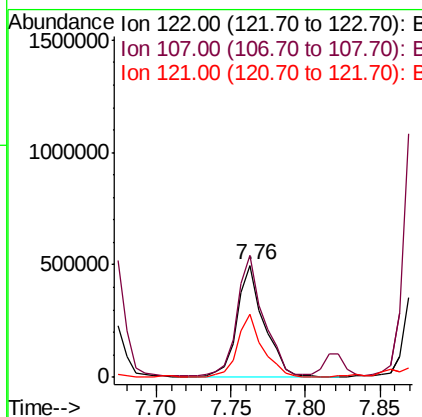
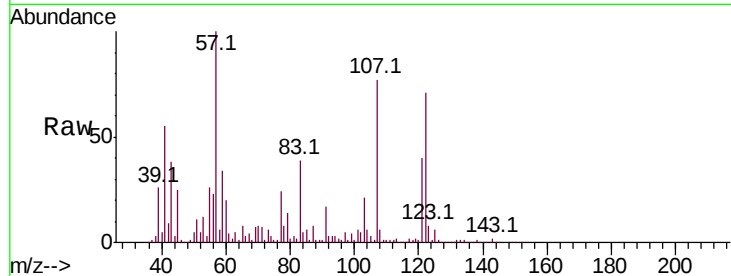
#27
2,4-Dimethylphenol
Concen: 39.287 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.03 min
Lab File: BF111388.D
Acq: 13 Dec 2018 23:43

Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

Tot Ion	Ratio	Resp	Lower	Upper
122	100	622488		
107	108.7	85.5	128.3	
121	56.1	46.6	70.0	

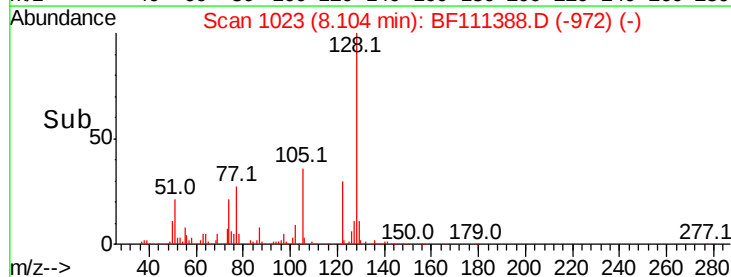
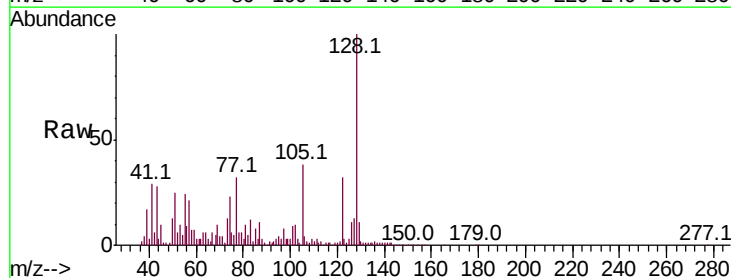
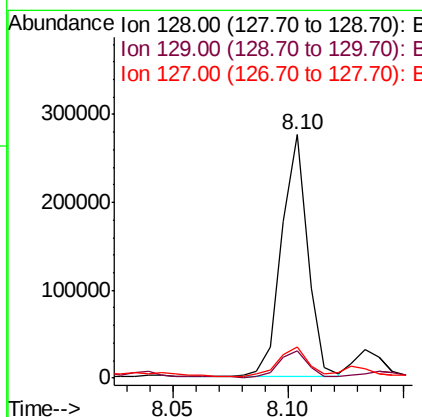
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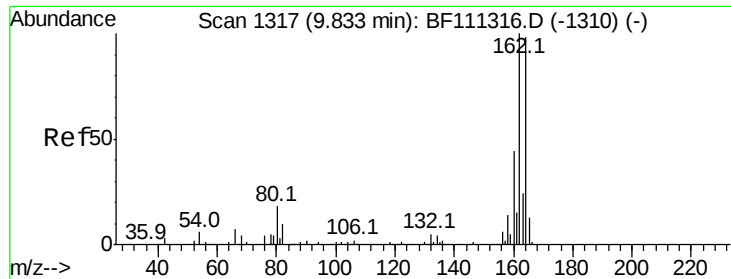
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#31
Naphthalene
Concen: 3.999 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF111388.D
Acq: 13 Dec 2018 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	216499		
129	11.2	9.8	14.8	
127	12.9	12.0	18.0	





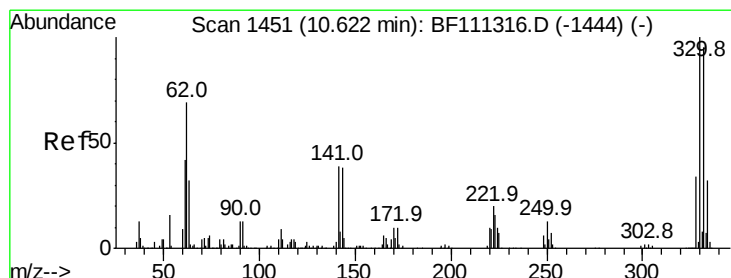
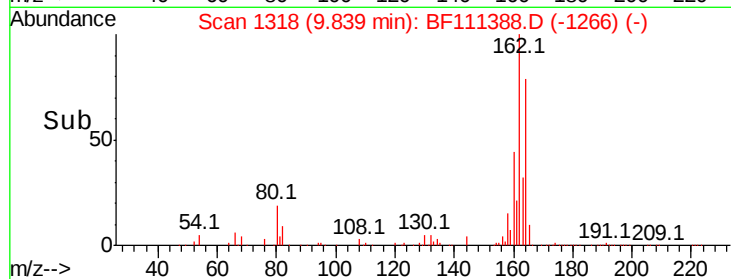
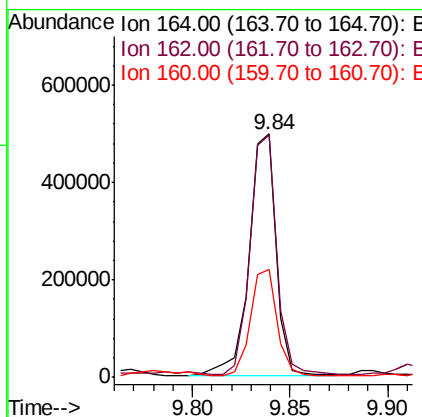
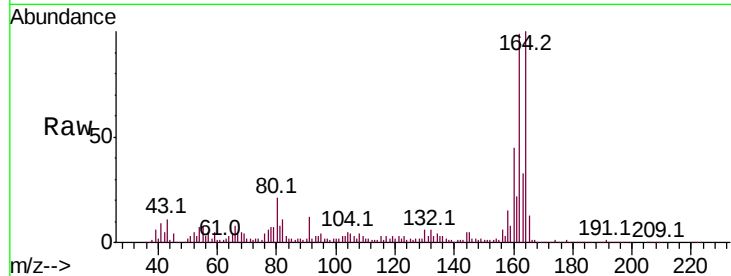
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF111388.D
Acq: 13 Dec 2018 23:43

Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

Tot Ion	Ratio	Resp	Lower	Upper
164	100	472725		
162	99.4	81.4	122.0	
160	44.5	35.7	53.5	

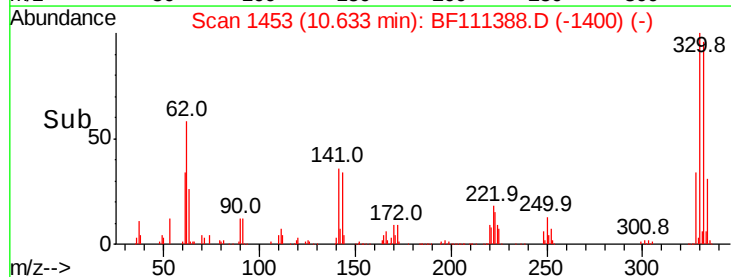
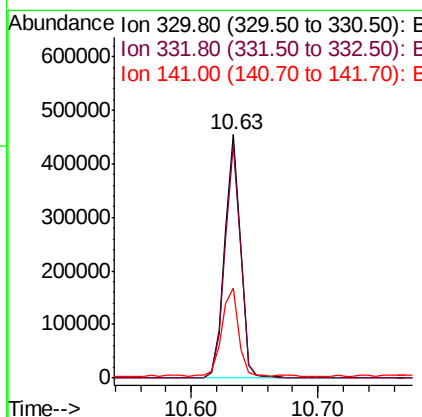
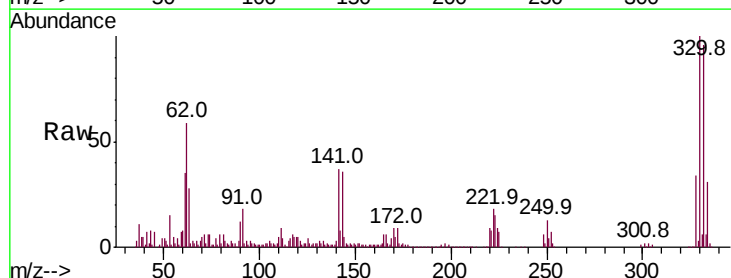
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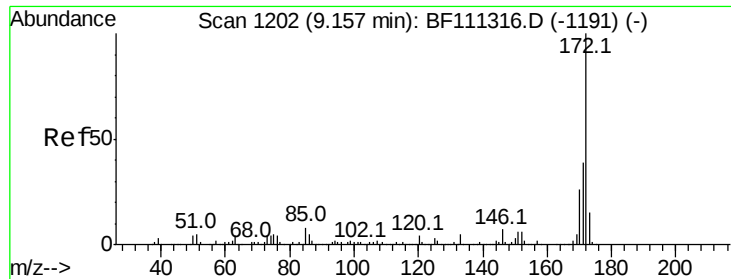
Sohil
12/14/2018 12:53:44 PM



#42
2,4,6-Tribromophenol
Concen: 94.877 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF111388.D
Acq: 13 Dec 2018 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	395366		
332	95.7	76.0	114.0	
141	37.9	31.0	46.6	





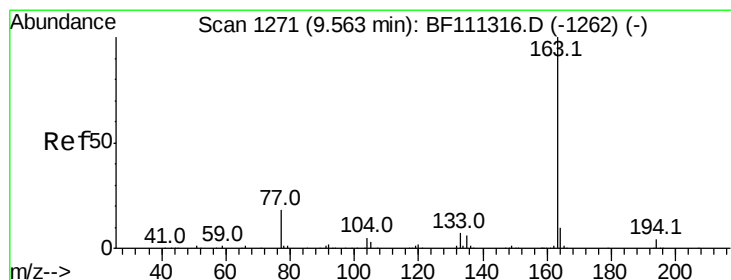
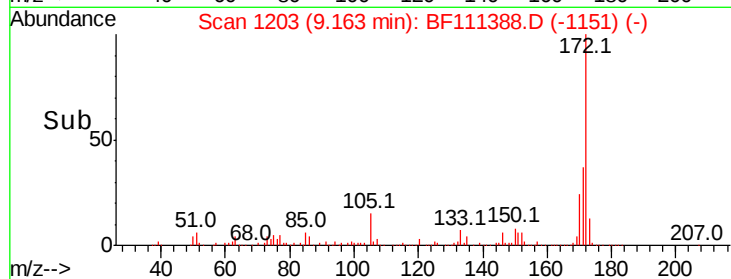
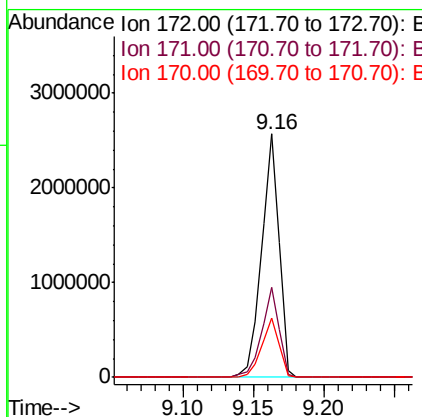
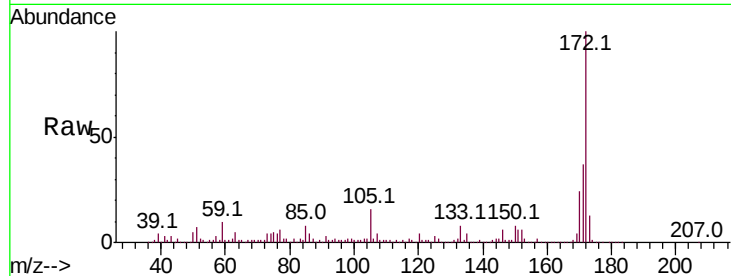
#45
 2-Fluorobiphenyl
 Concen: 77.621 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF111388.D
 Acq: 13 Dec 2018 23:43

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW005-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	33.0	49.4
170	24.4	22.3	33.5

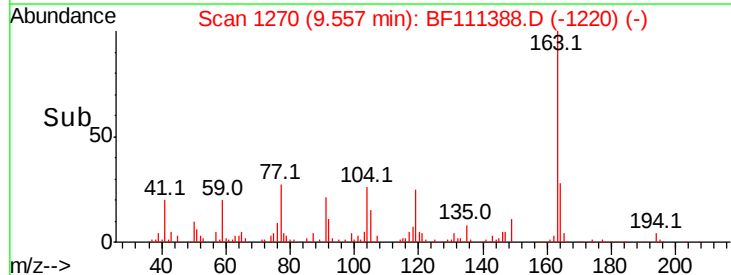
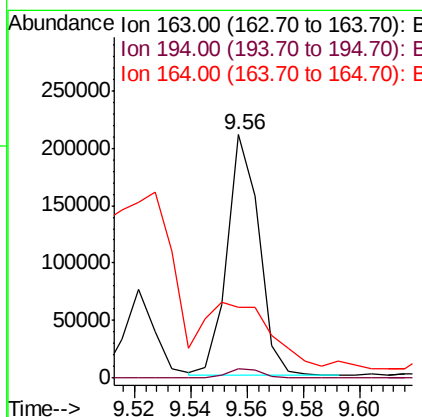
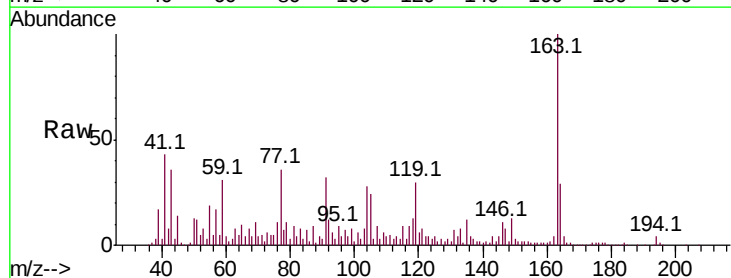
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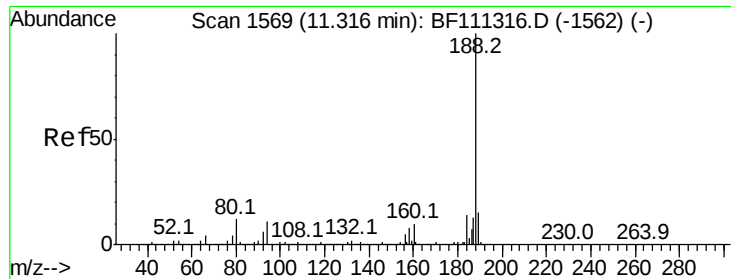
Sohil
 12/14/2018 12:53:44 PM



#50
 Dimethylphthalate
 Concen: 4.824 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF111388.D
 Acq: 13 Dec 2018 23:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	29.3	8.9	13.3#





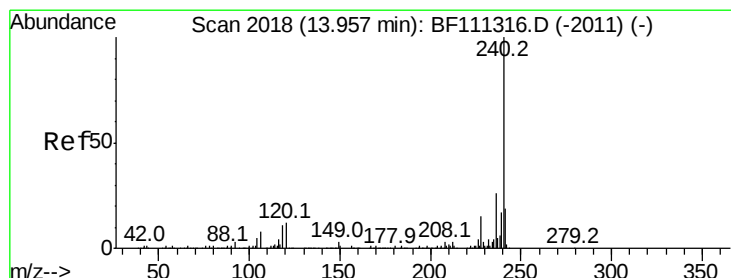
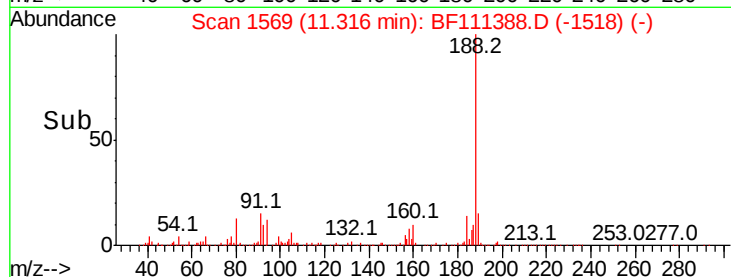
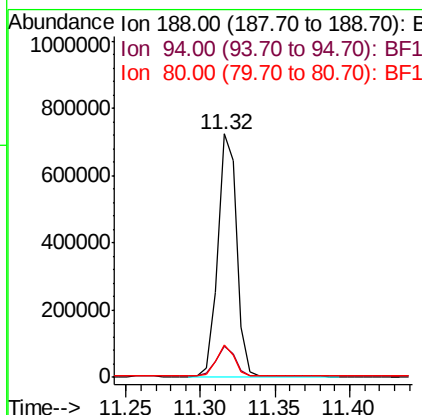
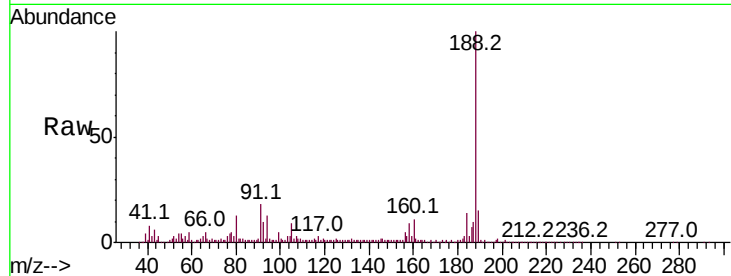
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111388.D
Acq: 13 Dec 2018 23:43

Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

Tot Ion	Ratio	Resp	Lower	Upper
188	100	645631		
94	13.0		9.6	14.4
80	13.3		9.8	14.6

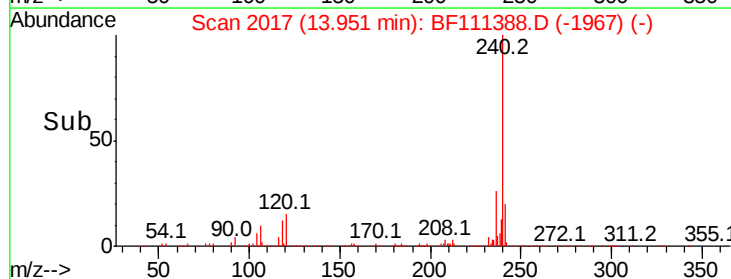
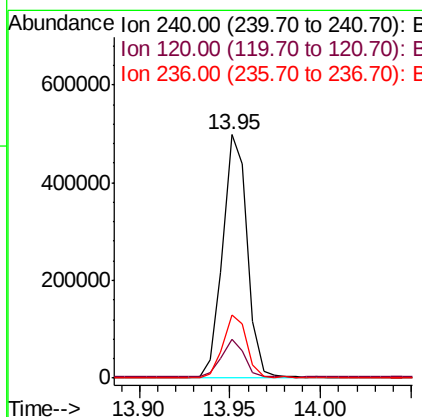
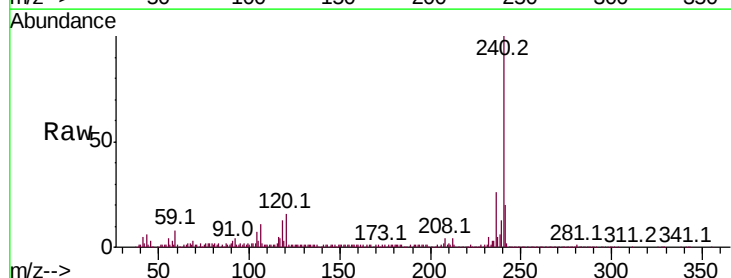
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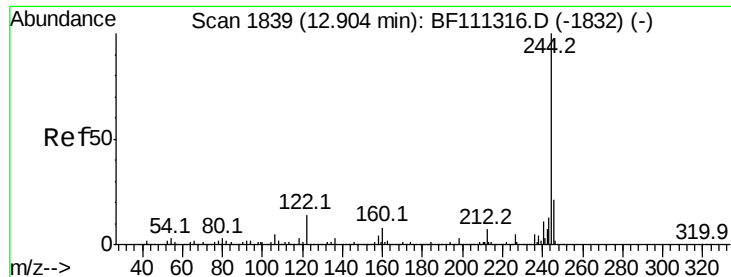
Sohil
12/14/2018 12:53:44 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111388.D
Acq: 13 Dec 2018 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	470081		
120	15.9		12.2	18.2
236	25.7		20.2	30.2





#79

Terphenyl-d14

Concen: 72.343 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111388.D

Acq: 13 Dec 2018 23:43

Instrument :

BNA_F

ClientSampleId :

P001-SW005-01

Tot Ion:244 Resp: 1545111

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

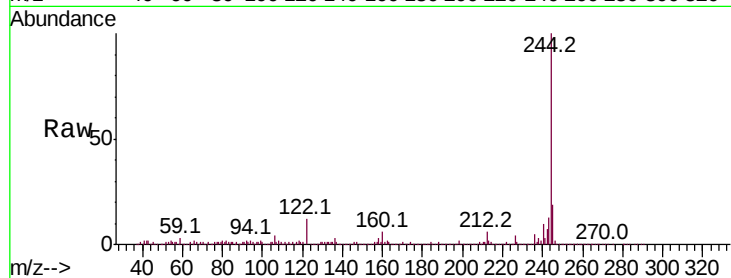
122 11.7 13.1 19.7#

Manual Integrations

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Sohil

12/14/2018 12:53:44 PM

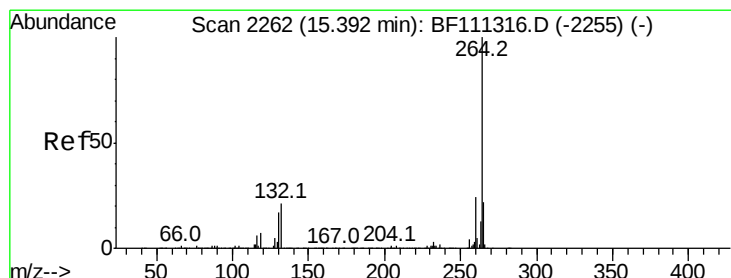
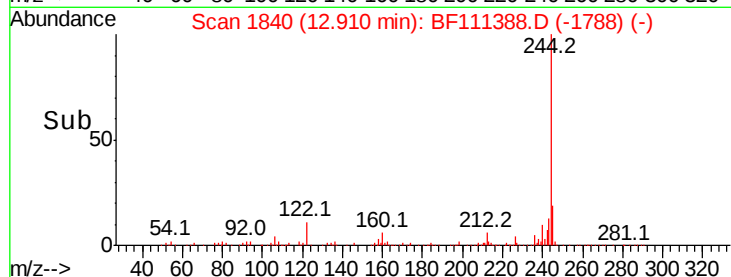
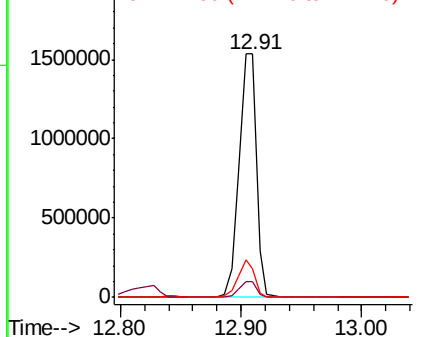


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BF111388.D

Acq: 13 Dec 2018 23:43

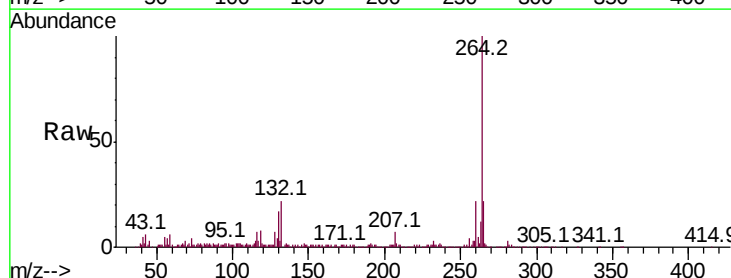
Tgt Ion:264 Resp: 361172

Ion Ratio Lower Upper

264 100

260 22.3 18.3 27.5

265 22.1 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

