

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111384.D
 Acq On : 13 Dec 2018 21:53
 Operator : JU/SJ
 Sample : J6305-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01

Manual Integrations
 APPROVED

Sohil
 12/17/2018 2:10:14 PM

Quant Time: Dec 17 10:38:32 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	308379	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1271013	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	490669	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	688720	20.00	ng	0.00
76) Chrysene-d12	13.95	240	478114	20.00	ng	0.00
87) Perylene-d12	15.39	264	382750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	901476	49.43	ng	0.02
7) Phenol-d6	6.47	99	658218	26.77	ng	0.04
23) Nitrobenzene-d5	7.36	82	1383390	61.35	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	339540	78.50	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2003397	65.55	ng	0.00
79) Terphenyl-d14	12.90	244	1091702	50.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.56	88	29184	3.204	ng	# 79
10) Phenol	6.49	94	5403288	193.998	ng	97
17) 2-Methylphenol	7.08	107	569318	31.433	ng	98
20) 3+4-Methylphenols	7.24	107	810082	37.505	ng	# 59
22) Acetophenone	7.20	105	186745	6.325	ng	# 87
27) 2,4-Dimethylphenol	7.76	122	132741	7.659	ng	# 92
29) 2,4-Dichlorophenol	7.96	162	106753	5.905	ng	98
32) Benzoic acid	8.02	122	2083678m	144.625	ng	
35) Caprolactam	8.65	113	1812140m	286.052	ng	
50) Dimethylphthalate	9.56	163	153824	4.360	ng	# 88

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

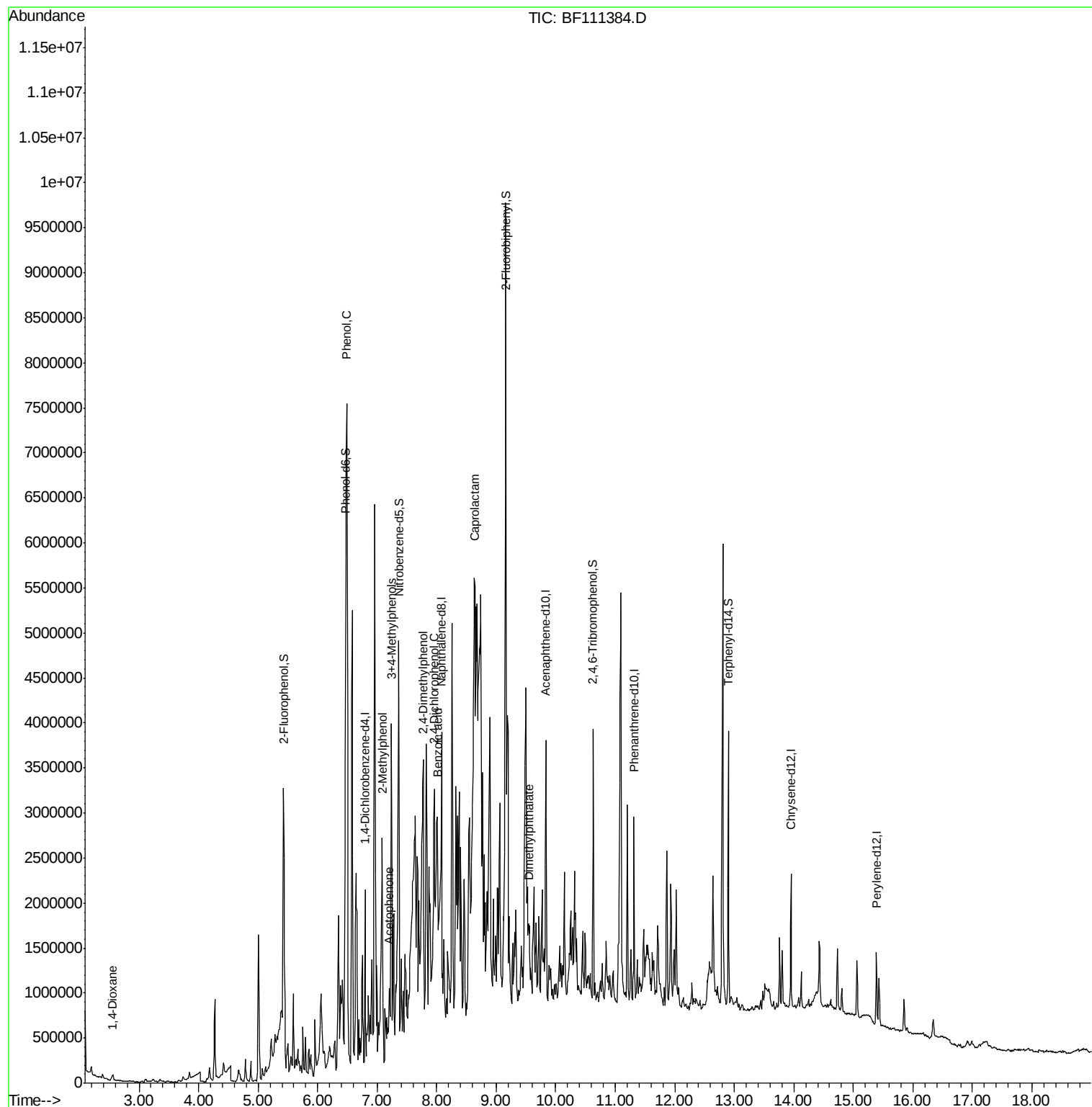
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111384.D
Acq On : 13 Dec 2018 21:53
Operator : JU/SJ
Sample : J6305-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

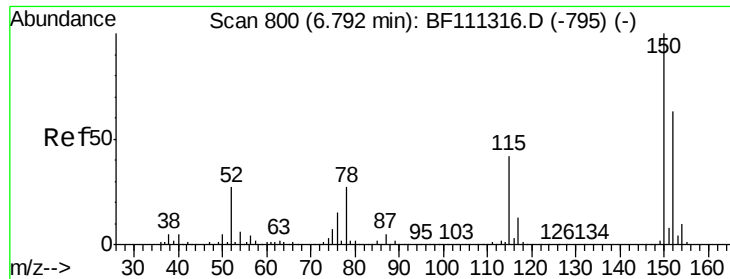
Instrument :
BNA_F
ClientSampleId :
P001-SW004-01

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Quant Time: Dec 17 10:38:32 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF111384.D

Acq: 13 Dec 2018 21:53

Instrument :

BNA_F

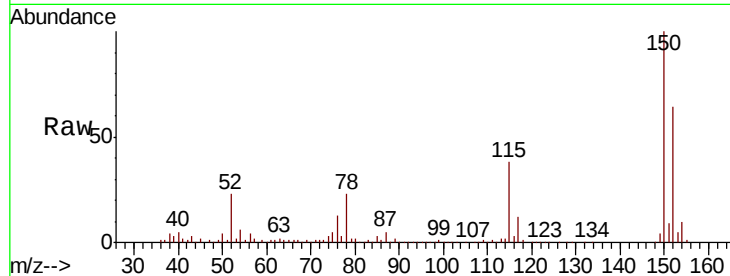
ClientSampleId :

P001-SW004-01

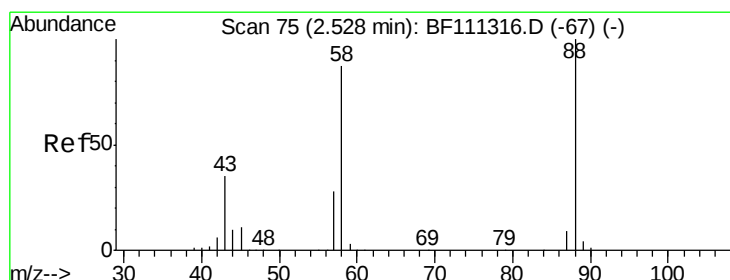
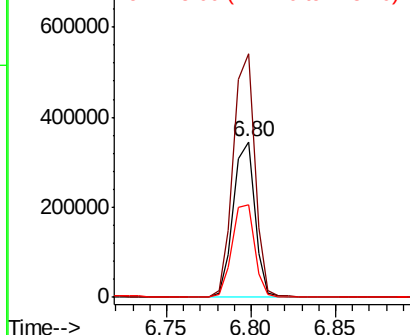
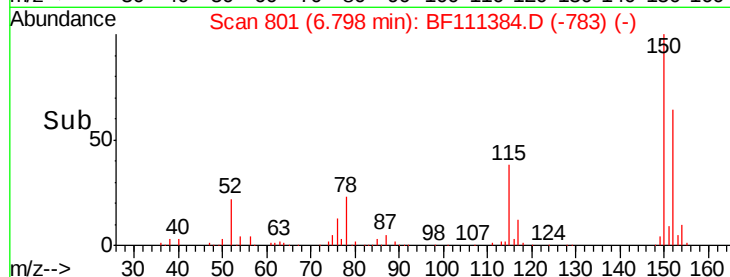
Tot Ion:	152	Resp:	308379
Ion Ratio	Lower	Upper	
152	100		
150	156.5	126.6	189.8
115	59.8	50.7	76.1

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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



#2

1,4-Dioxane

Concen: 3.204 ng

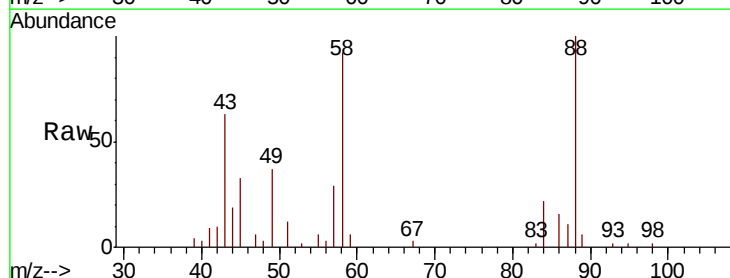
RT: 2.56 min Scan# 80

Delta R.T. 0.03 min

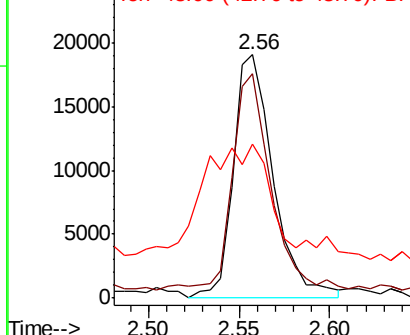
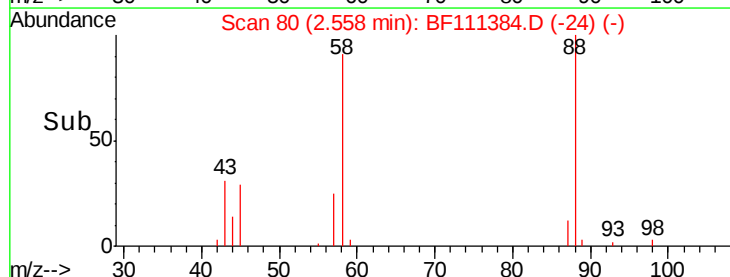
Lab File: BF111384.D

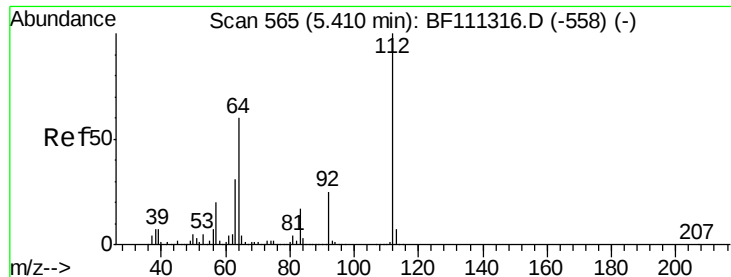
Acq: 13 Dec 2018 21:53

Tgt Ion:	88	Resp:	29184
Ion Ratio	Lower	Upper	
88	100		
58	85.1	68.9	103.3
43	73.0	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: 49.433 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111384.D

Acq: 13 Dec 2018 21:53

Instrument :

BNA_F

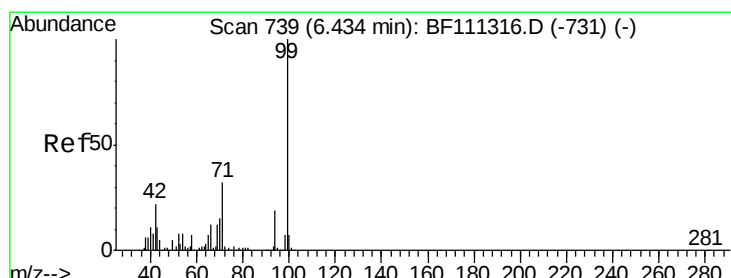
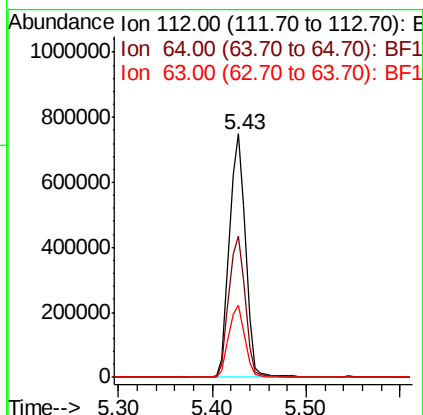
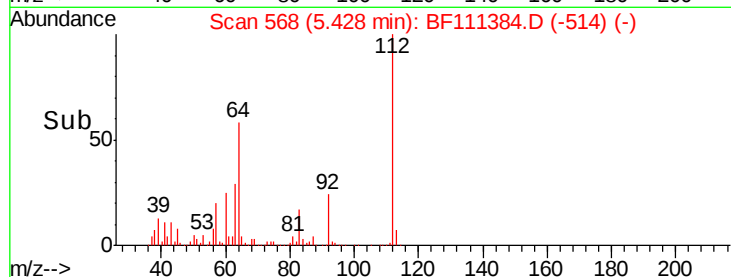
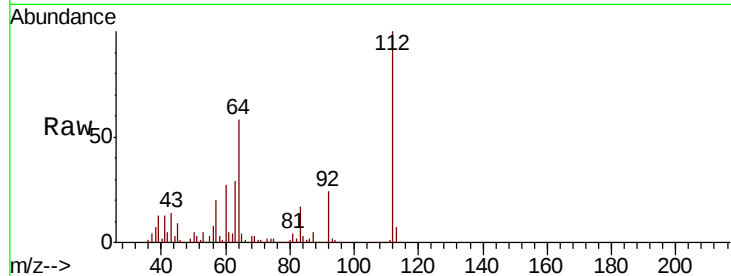
ClientSampleId :

P001-SW004-01

Tot Ion:	112	Resp:	901476
Ion Ratio	Lower	Upper	
112	100		
64	58.0	51.8	77.6
63	29.4	26.8	40.2

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#7

Phenol-d6

Concen: 26.771 ng

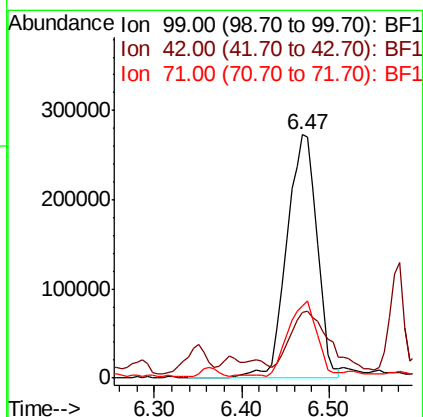
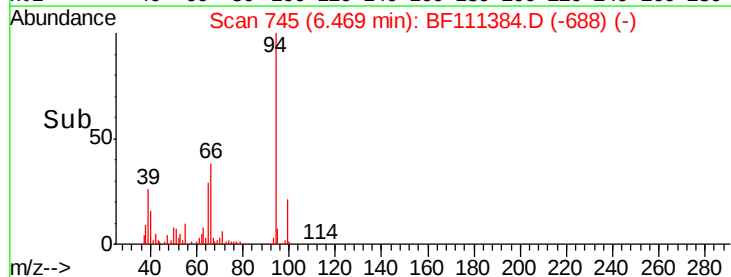
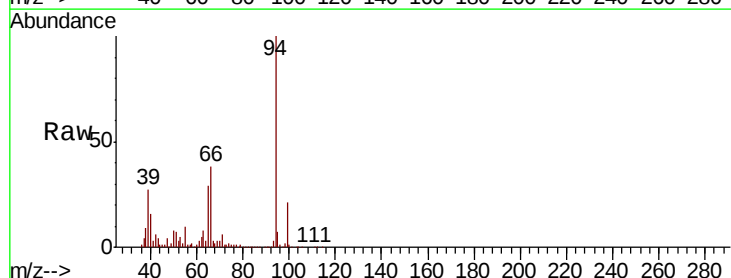
RT: 6.47 min Scan# 745

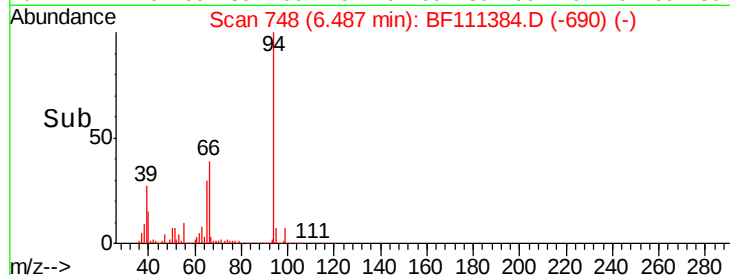
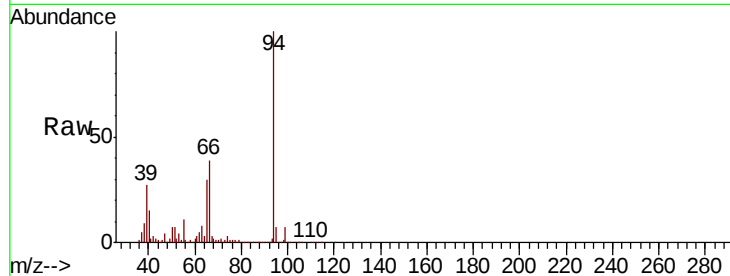
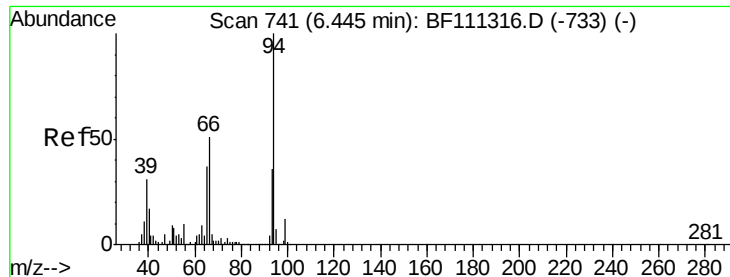
Delta R.T. 0.04 min

Lab File: BF111384.D

Acq: 13 Dec 2018 21:53

Tgt Ion:	99	Resp:	658218
Ion Ratio	Lower	Upper	
99	100		
42	26.8	17.4	26.0#
71	29.9	26.1	39.1





#10

Phenol

Concen: 193.998 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.04 min

Lab File: BF111384.D

Acq: 13 Dec 2018 21:53

Tot Ion: 94 Resp: 5403288

Ion Ratio Lower Upper

94 100

65 30.2 11.7 51.7

66 39.0 21.0 61.0

Instrument :

BNA_F

ClientSampleId :

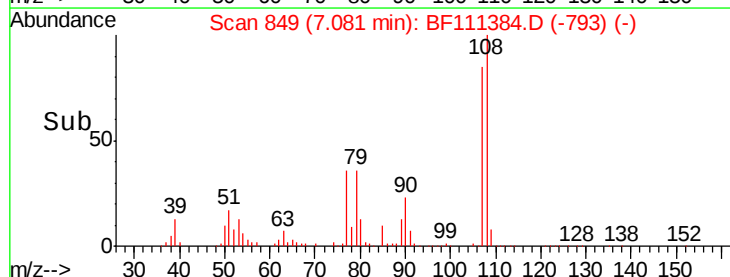
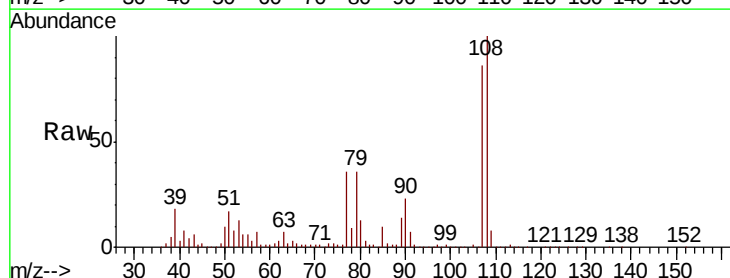
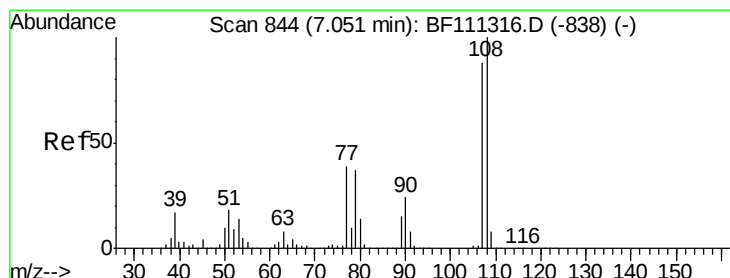
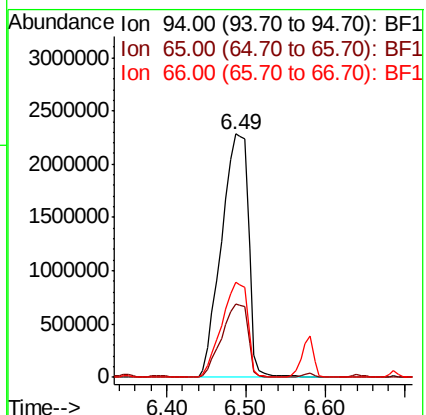
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#17

2-Methylphenol

Concen: 31.433 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.03 min

Lab File: BF111384.D

Acq: 13 Dec 2018 21:53

Tgt Ion:107 Resp: 569318

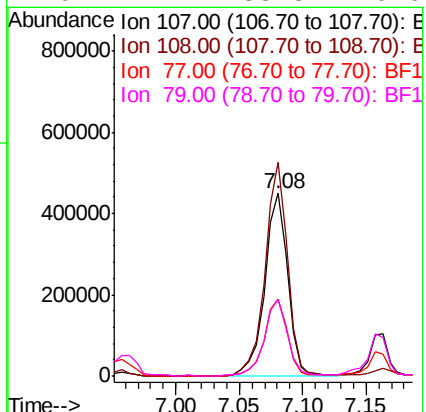
Ion Ratio Lower Upper

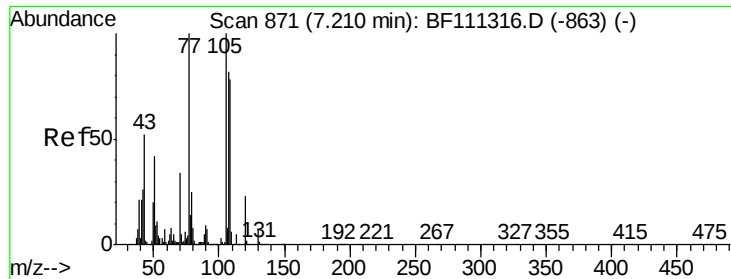
107 100

108 116.9 91.0 136.4

77 42.3 33.5 50.3

79 42.1 33.3 49.9





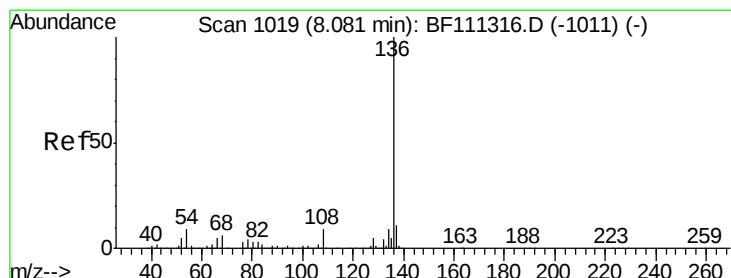
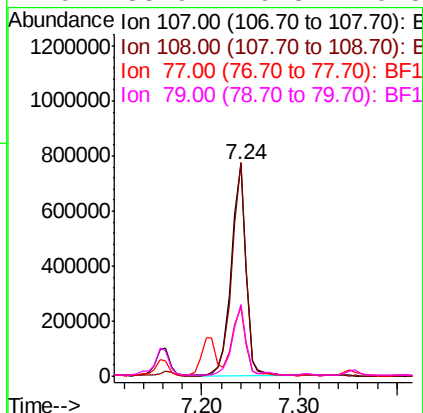
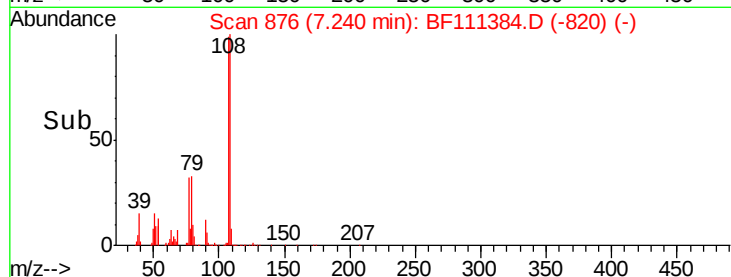
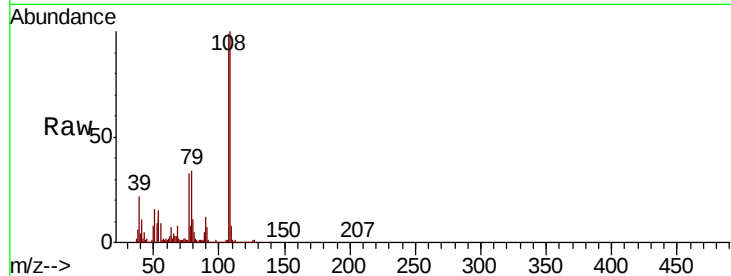
#20
3+4-Methylphenols
Concen: 37.505 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.03 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	100.8	72.1	112.1	
77	32.9	94.1	134.1	#
79	33.9	9.8	49.8	

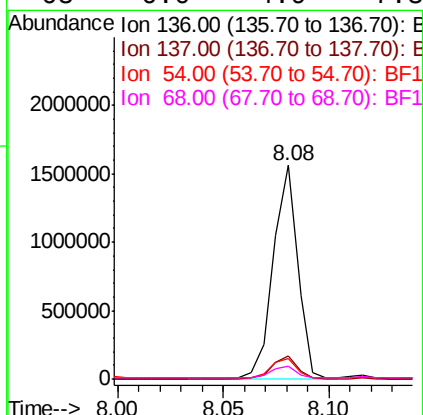
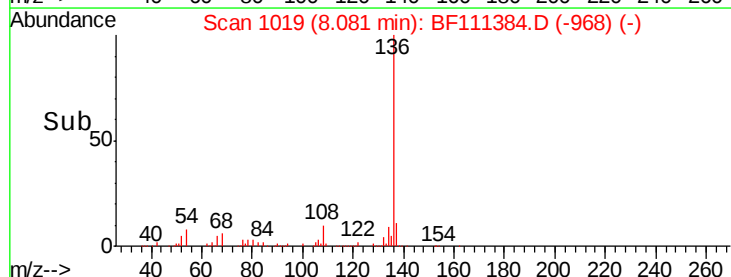
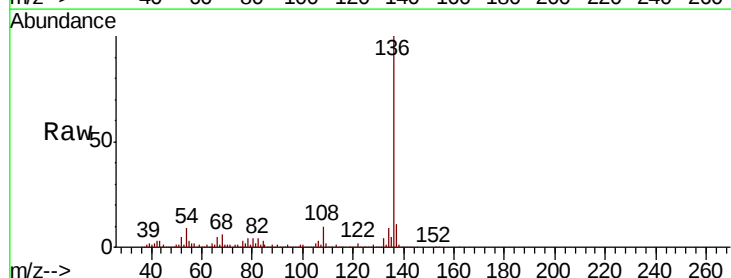
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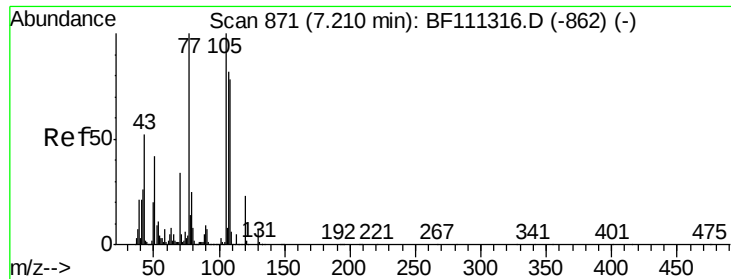
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	9.5	7.7	11.5	
68	6.0	4.9	7.3	





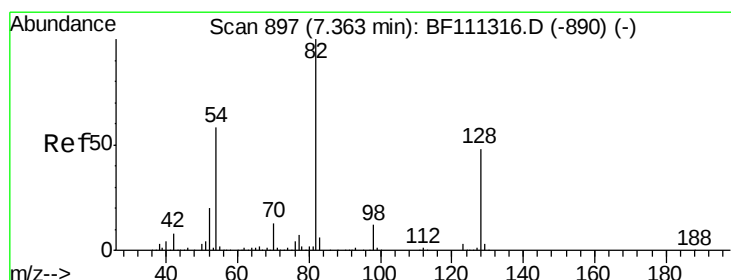
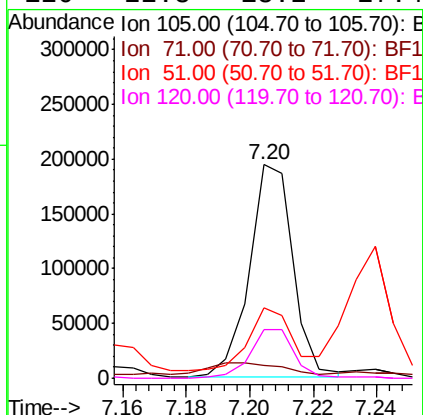
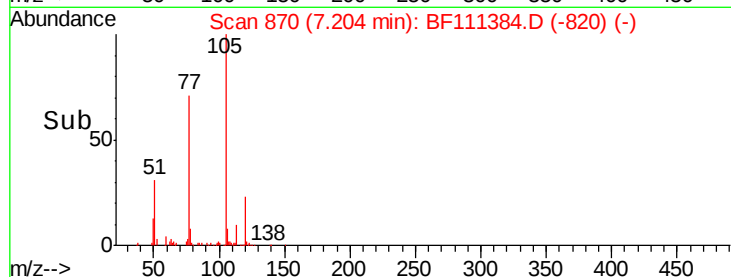
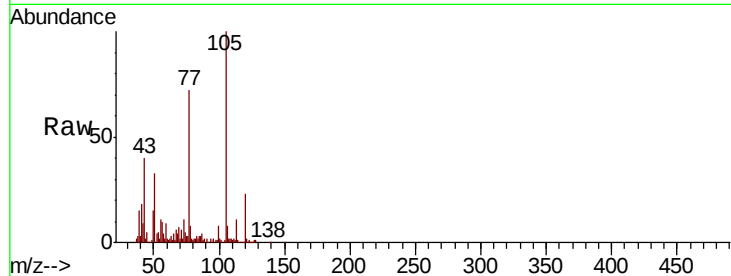
#22
Acetophenone
Concen: 6.325 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01

Tot Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.1	4.7#
51	32.8	36.6	54.8#
120	22.8	18.2	27.4

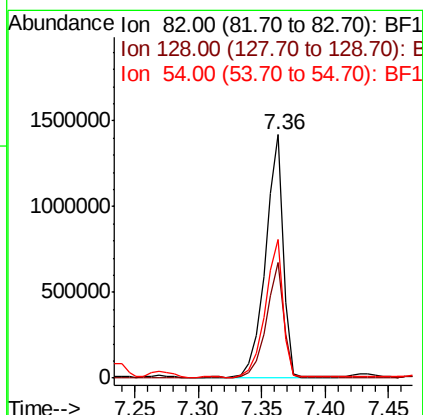
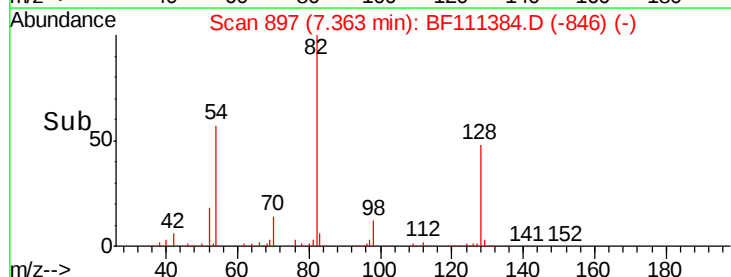
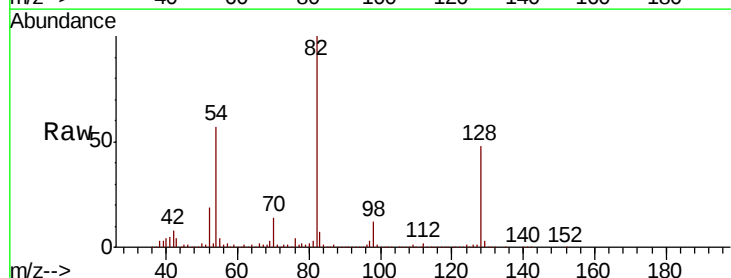
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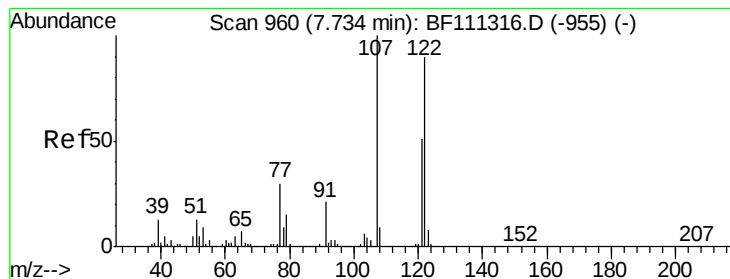
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#23
Nitrobenzene-d5
Concen: 61.347 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.2
54	57.2	47.6	71.4





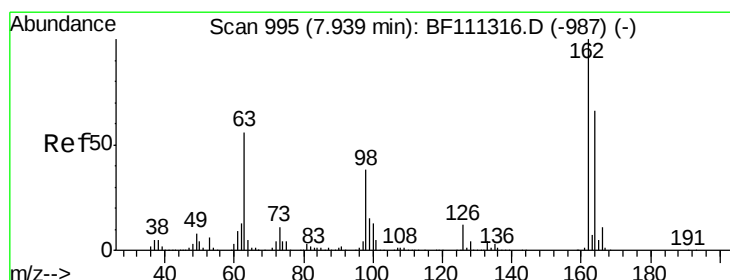
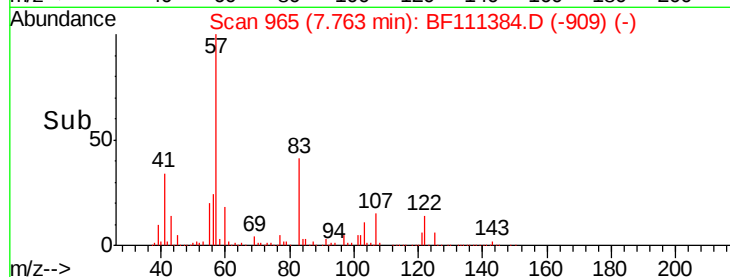
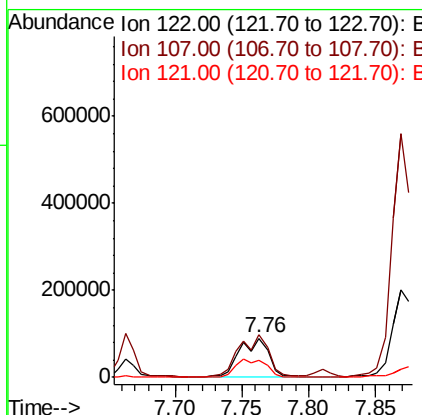
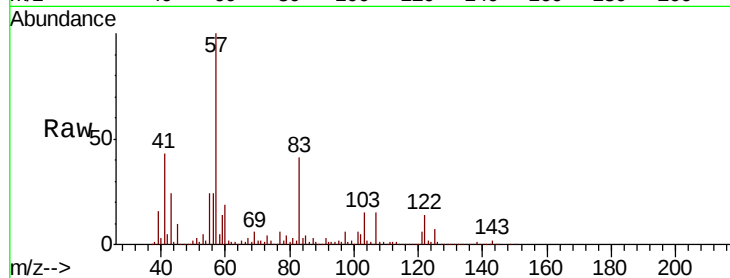
#27
2,4-Dimethylphenol
Concen: 7.659 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.03 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01

Tot Ion	Ratio	Resp	Lower	Upper
122	100	132741		
107	107.3	85.5	128.3	
121	42.8	46.6	70.0	

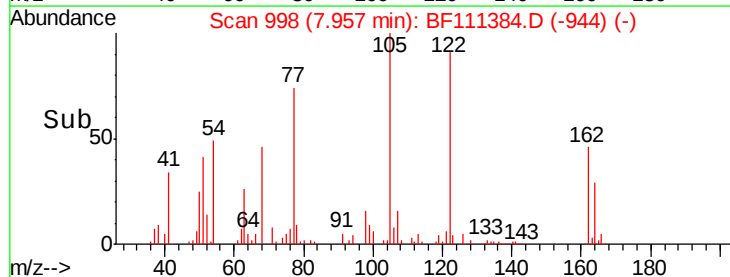
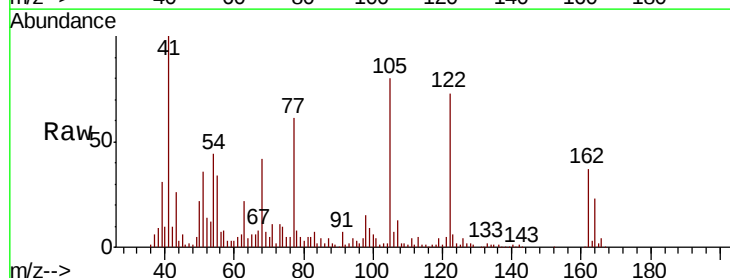
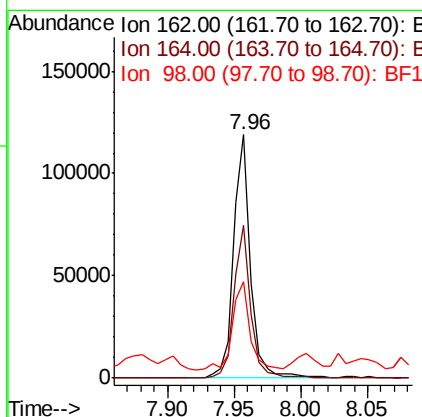
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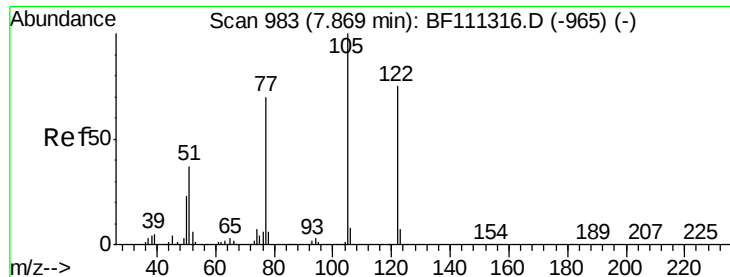
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#29
2,4-Dichlorophenol
Concen: 5.905 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	106753		
164	63.0	44.4	84.4	
98	39.5	20.3	60.3	





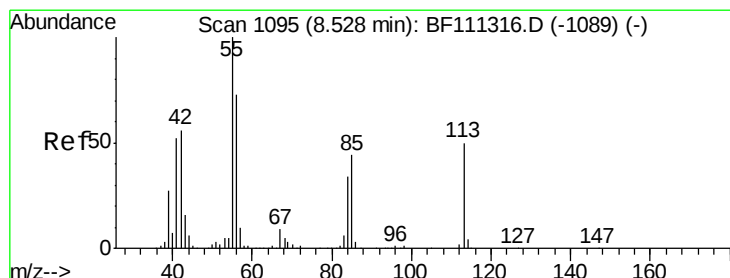
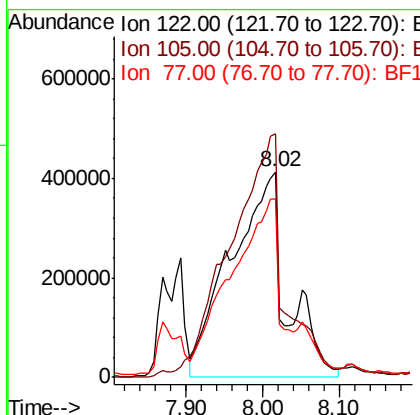
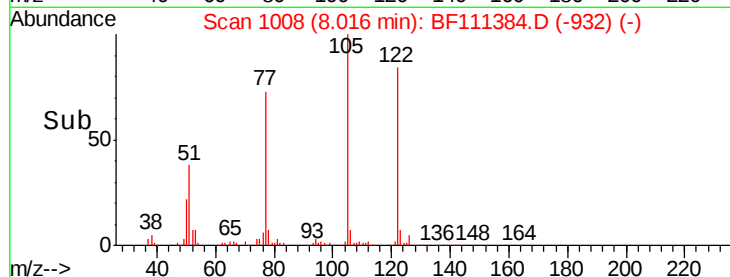
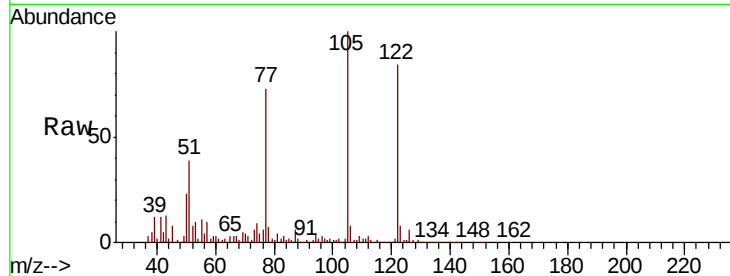
#32
Benzoic acid
Concen: 144.625 ng m
RT: 8.02 min Scan# 1008
Delta R.T. 0.15 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01

Tot Ion	Ratio	Lower	Upper
122	100		
105	118.4	97.0	137.0
77	86.6	65.7	105.7

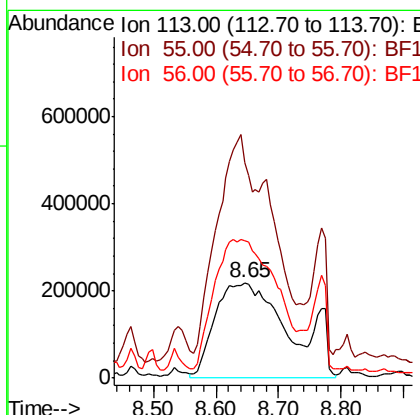
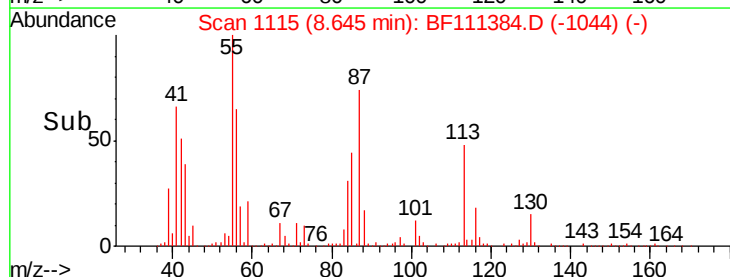
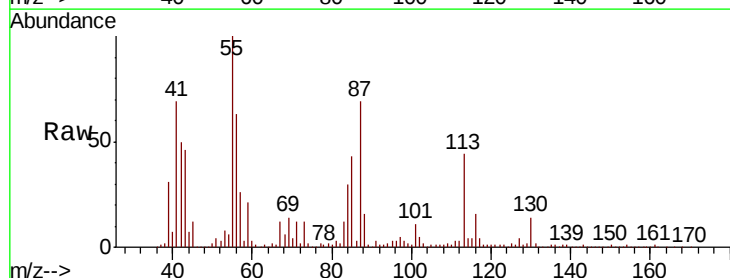
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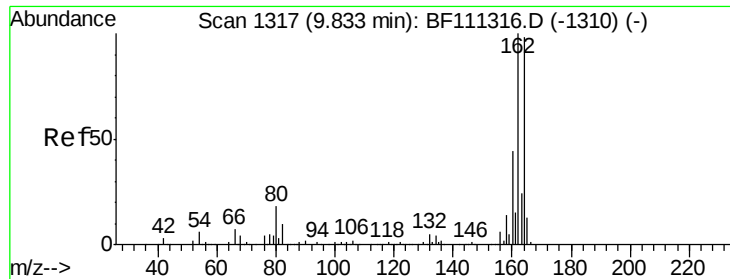
Sohil
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#35
Caprolactam
Concen: 286.052 ng m
RT: 8.65 min Scan# 1115
Delta R.T. 0.12 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Tgt Ion	Ratio	Lower	Upper
113	100		
55	226.7	184.1	224.1#
56	143.8	126.0	166.0





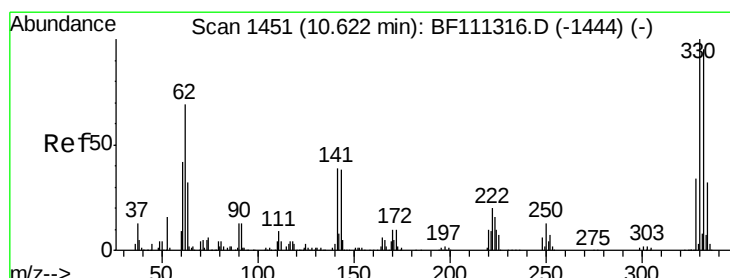
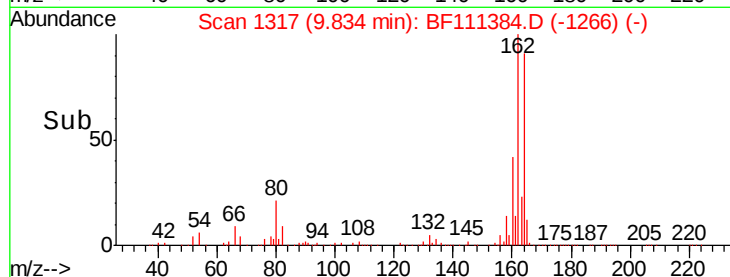
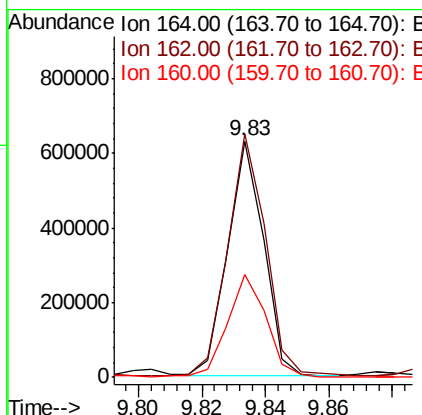
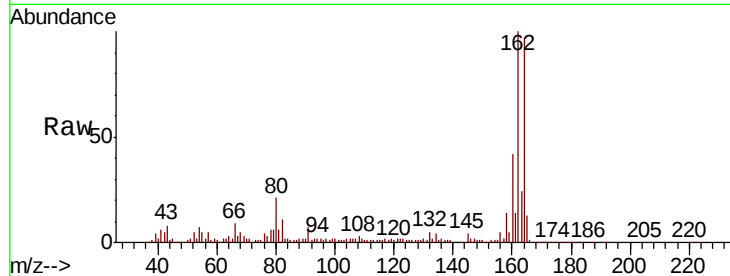
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	43.4	35.7	53.5

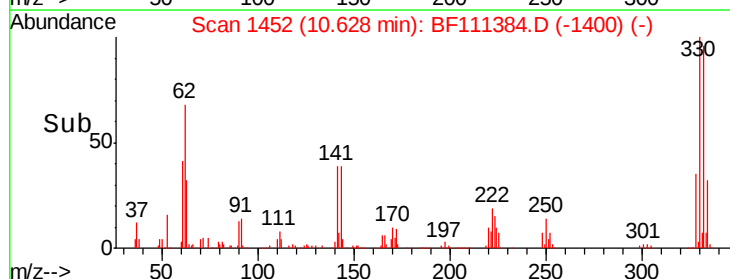
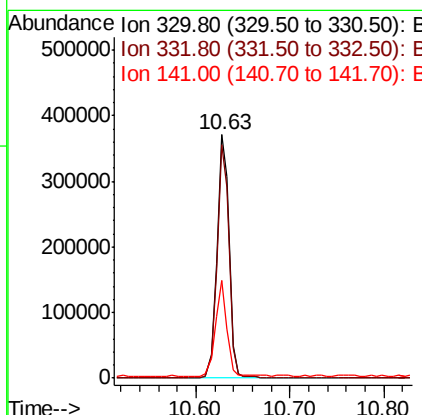
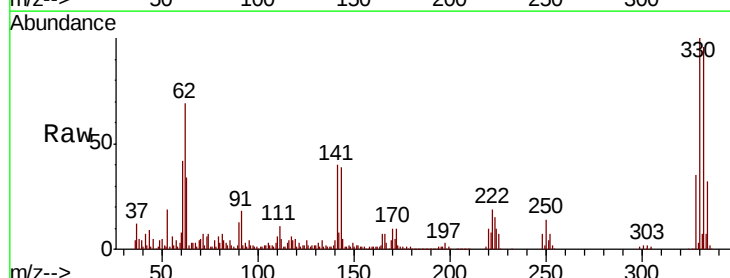
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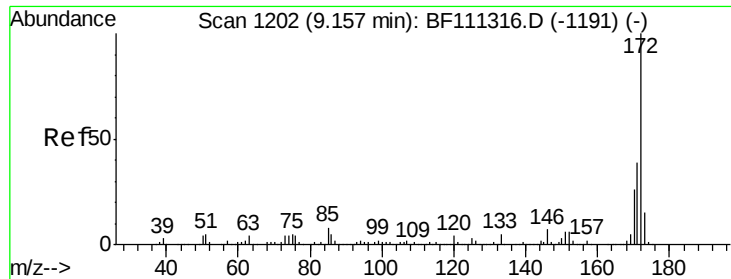
Sohil
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#42
2,4,6-Tribromophenol
Concen: 78.501 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.0	114.0
141	36.9	31.0	46.6





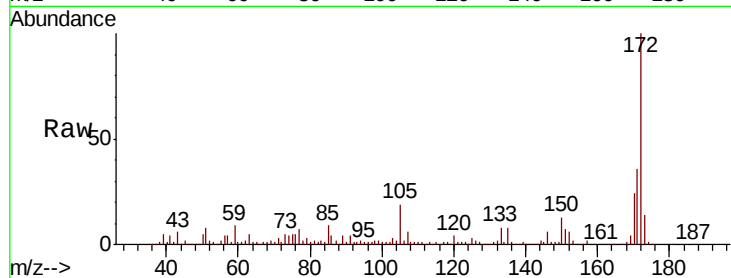
#45
2-Fluorobiphenyl
Concen: 65.552 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	33.0	49.4
170	24.3	22.3	33.5

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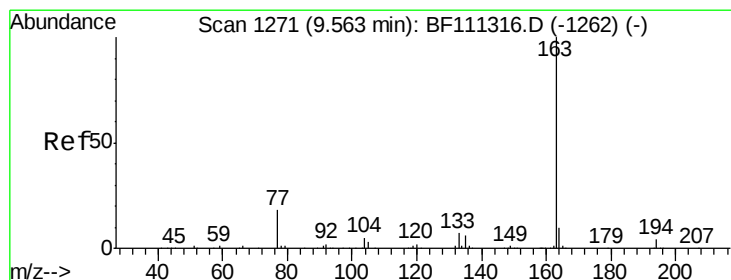
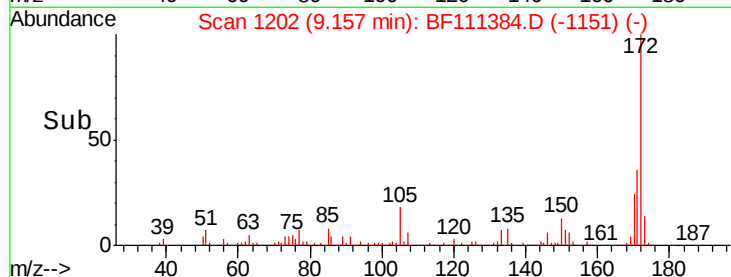
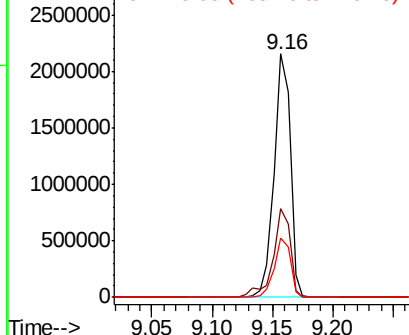


Abundance

Ion 172.00 (171.70 to 172.70): E

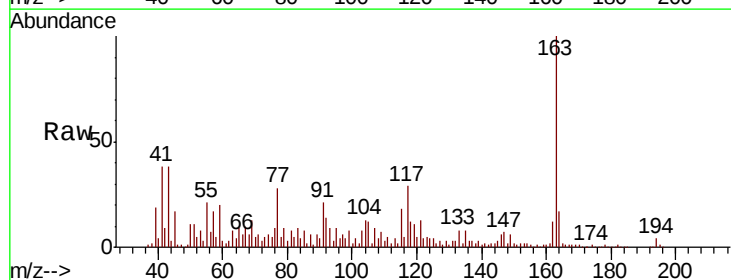
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.360 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	17.0	8.9	13.3#

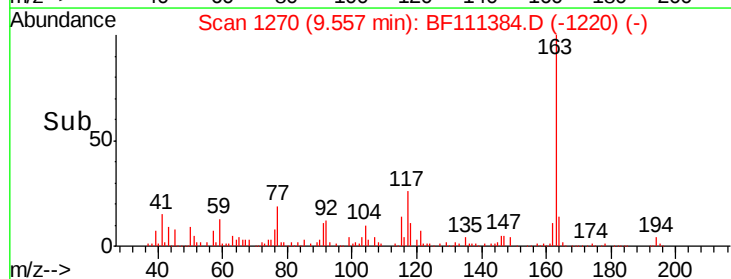
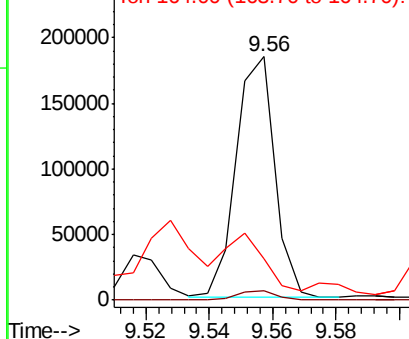


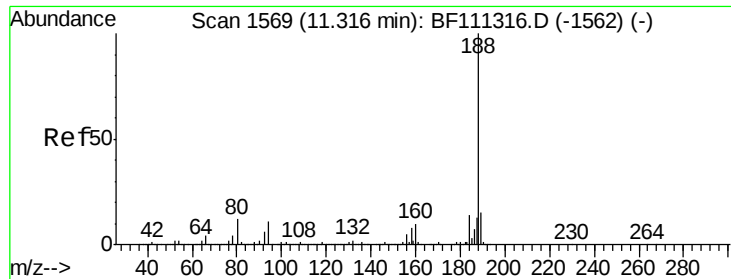
Abundance

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





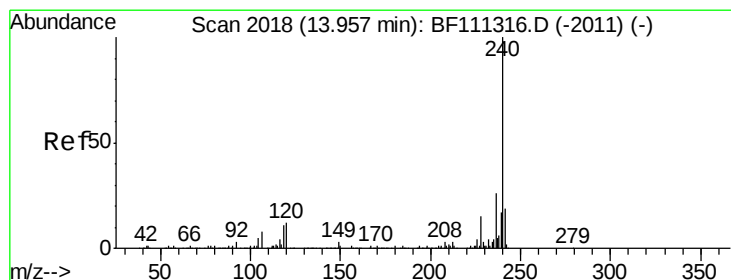
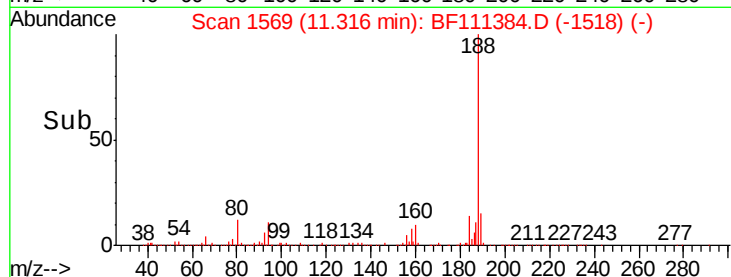
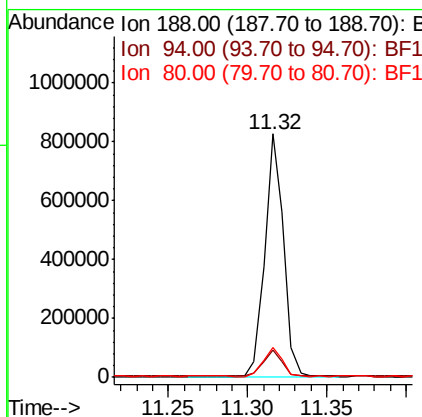
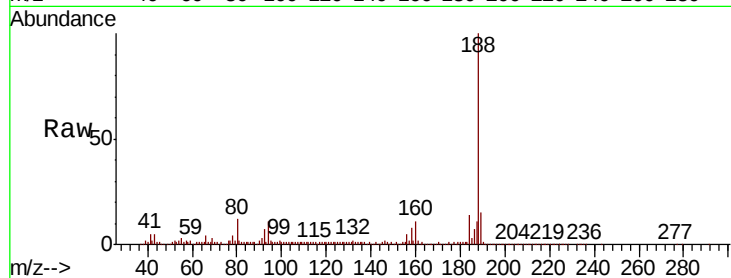
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.3	9.6	14.4
80	12.3	9.8	14.6

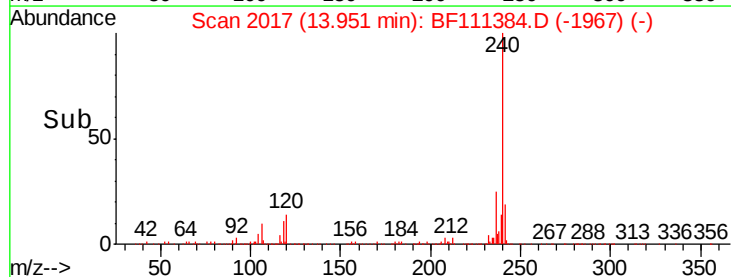
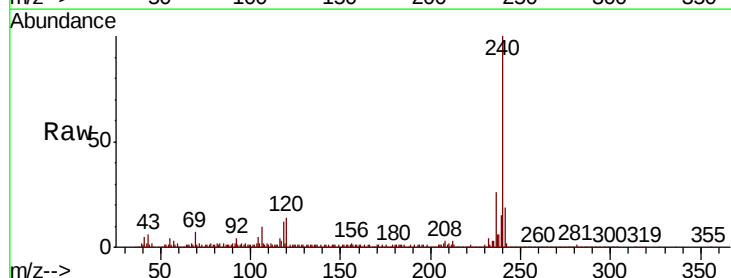
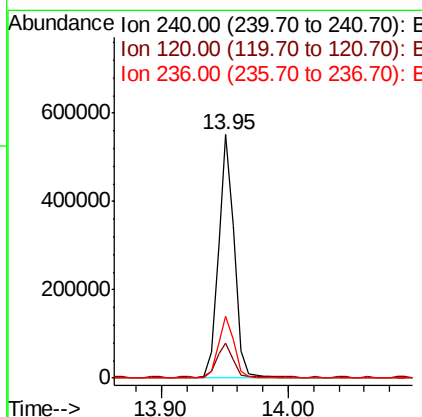
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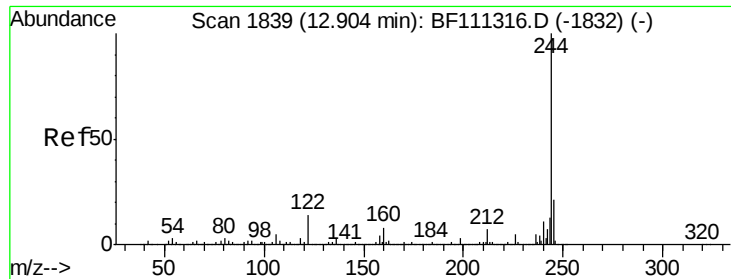
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111384.D
Acq: 13 Dec 2018 21:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.3	12.2	18.2
236	25.5	20.2	30.2





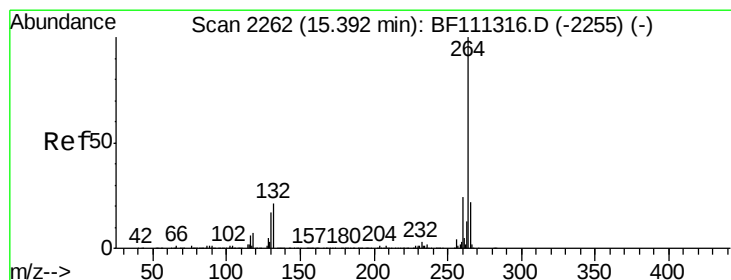
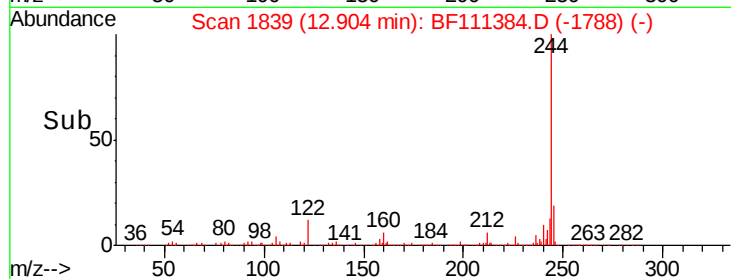
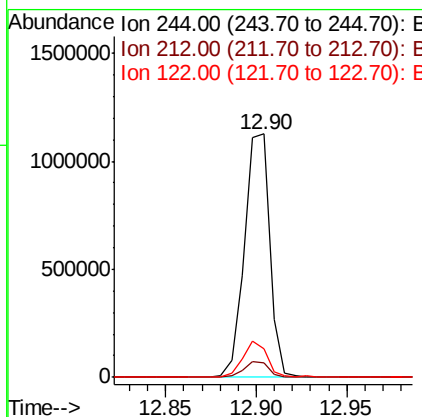
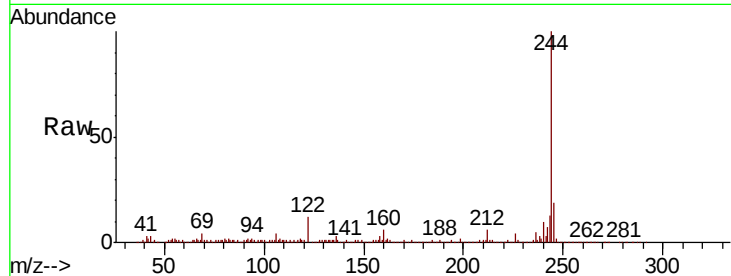
#79
 Terphenyl-d14
 Concen: 50.255 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF111384.D
 Acq: 13 Dec 2018 21:53

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	11.9	13.1	19.7

Manual Integrations
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BF111384.D
 Acq: 13 Dec 2018 21:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	20.6	17.7	26.5

