Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111387.D
Acq On : 13 Dec 2018 23:16
Operator : JU/SJ
Sample : J6305-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Manual Integrations APPROVED
Sohil
12/17/2018 2:10:16 PM

Quant Time: Dec 17 10:44:56 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	338713	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1345633	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	557166	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	753696	20.00	ng		0.00
76) Chrysene-d12	13.95	240	539377	20.00	ng		0.00
87) Perylene-d12	15.39	264	446637	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	752346	37.56	ng		0.02
7) Phenol-d6	6.47	99	526615	19.50	ng		0.04
23) Nitrobenzene-d5	7.36	82	1114187	46.67	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	290816	59.21	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1756582	50.62	ng		0.00
79) Terphenyl-d14	12.90	244	1010109	41.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	26570	2.656	ng	#	55
10) Phenol	6.49	94	5098831	166.672	ng		96
17) 2-Methylphenol	7.08	107	463871	23.318	ng		97
20) 3+4-Methylphenols	7.24	107	649506	27.378	ng	#	59
22) Acetophenone	7.20	105	164201	5.253	ng	#	85
29) 2,4-Dichlorophenol	7.96	162	72877	3.807	ng		97
32) Benzoic acid	8.06	122	988114m	64.781	ng		
35) Caprolactam	8.65	113	1981049m	295.373	ng		
50) Dimethylphthalate	9.56	163	150566	3.758	ng	#	84

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111387.D
Acq On : 13 Dec 2018 23:16
Operator : JU/SJ
Sample : J6305-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

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Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Manual Integrations APPROVED
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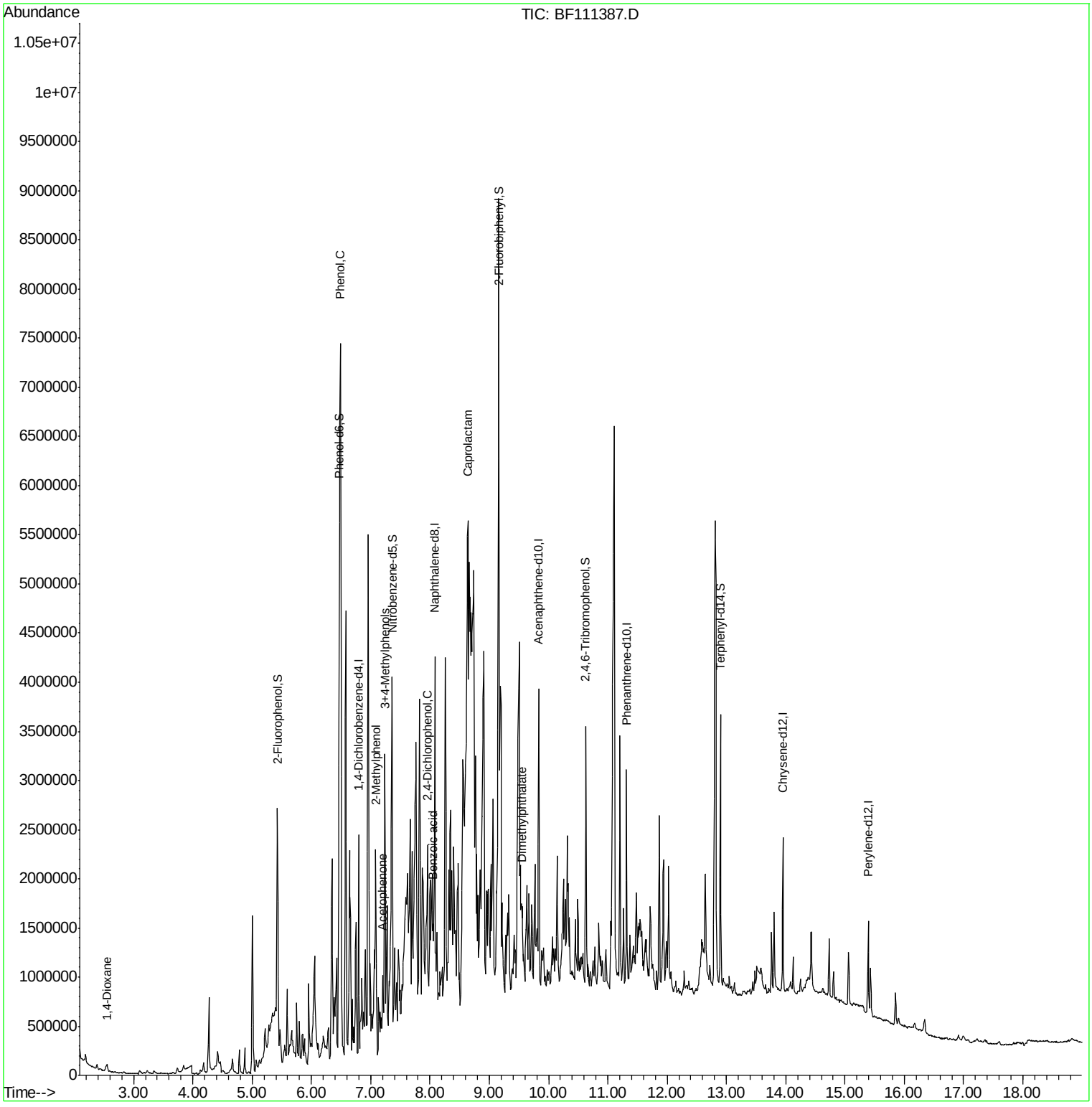
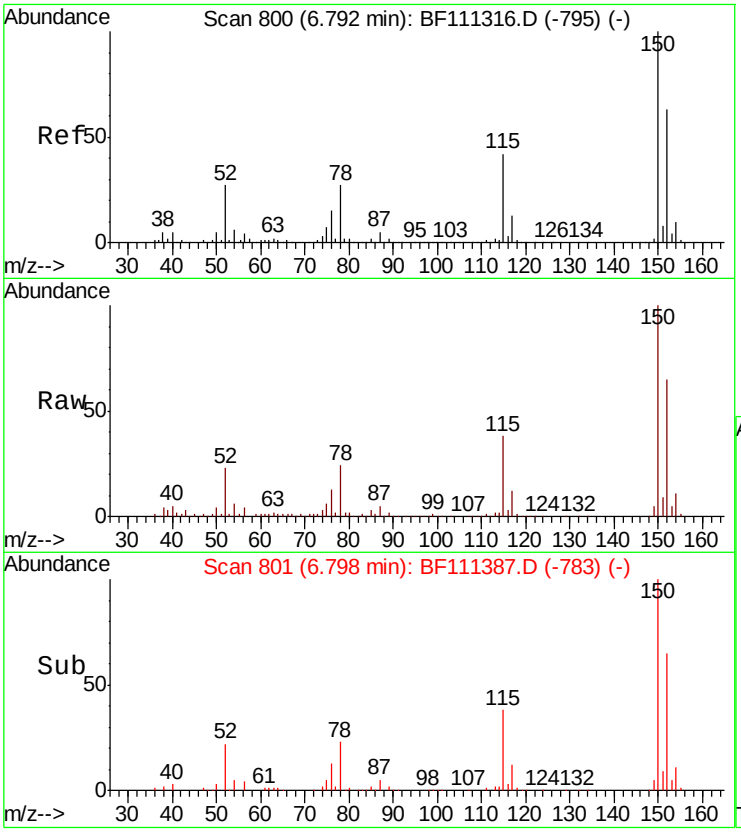
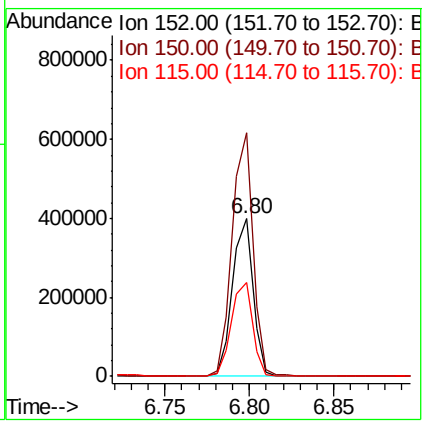




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:152 Resp: 338713

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	59.4	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Manual Integrations APPROVED
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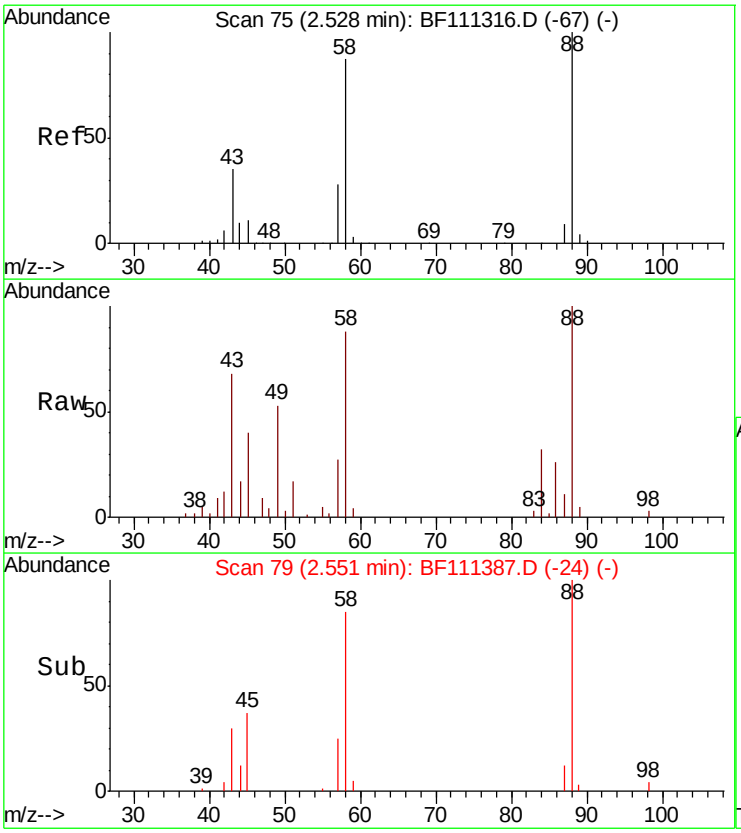
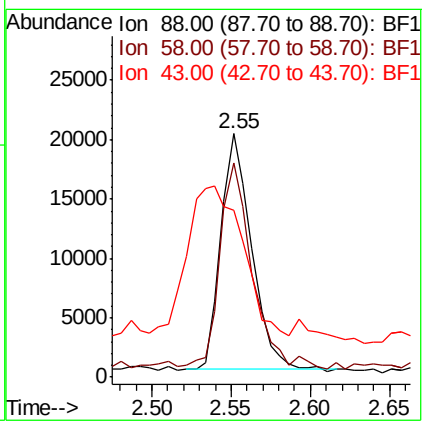
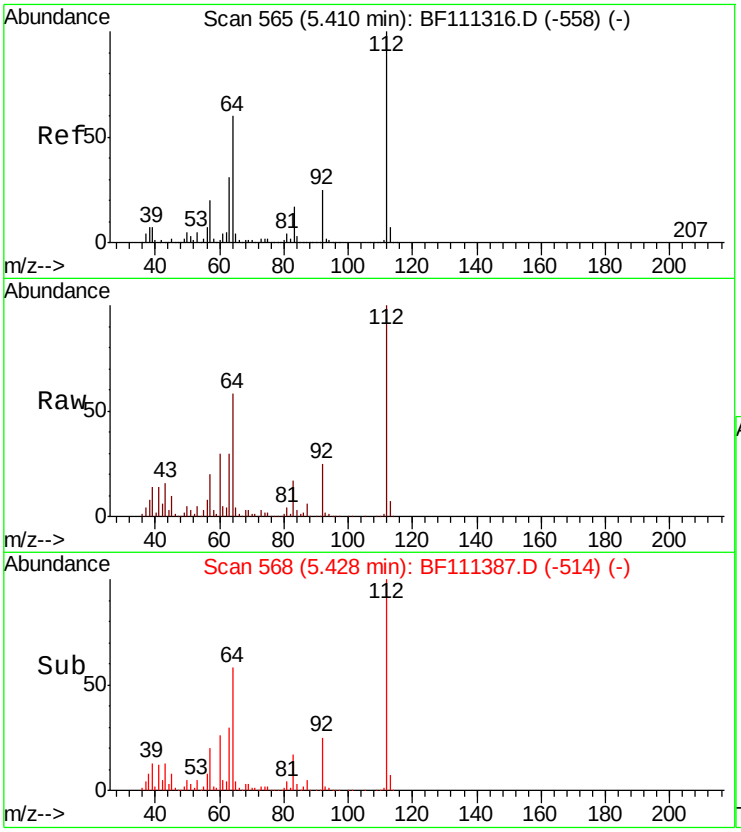


#2
1,4-Dioxane
Concen: 2.656 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.02 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion: 88 Resp: 26570

Ion	Ratio	Lower	Upper
88	100		
58	92.4	68.9	103.3
43	114.8	25.8	38.6#

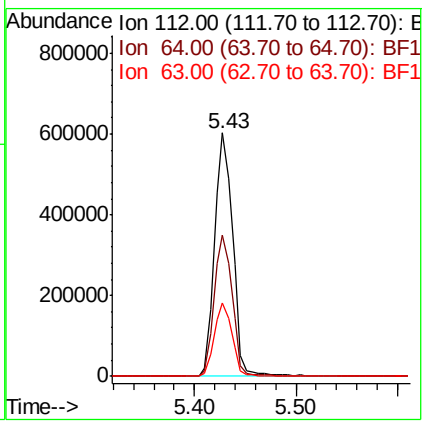




#5
2-Fluorophenol
Concen: 37.561 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:112 Resp: 752346

Ion	Ratio	Lower	Upper
112	100		
64	58.1	51.8	77.6
63	29.9	26.8	40.2



Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

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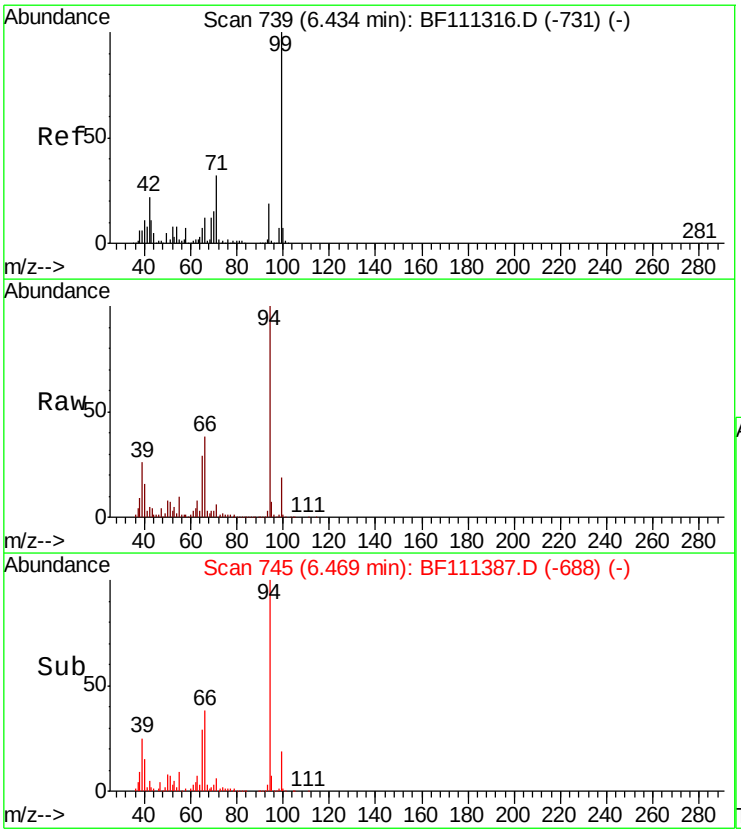
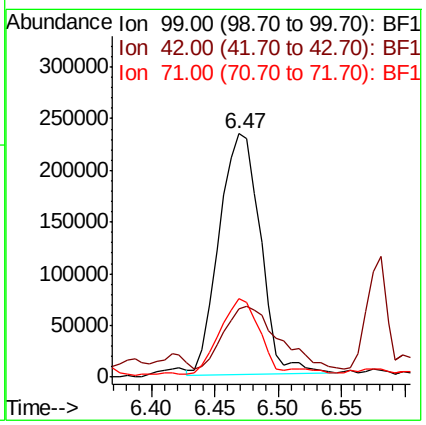
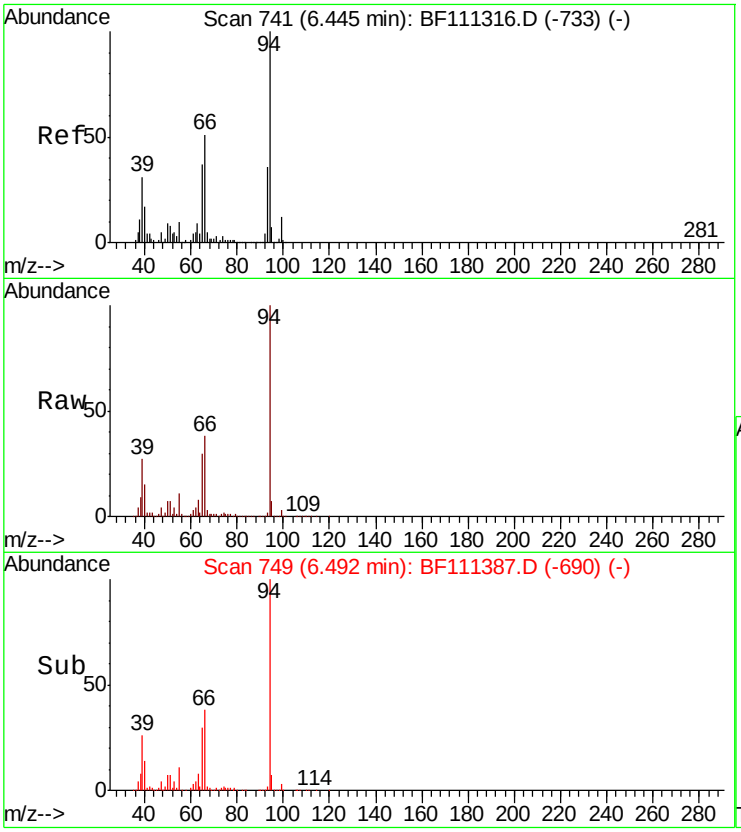


#7
Phenol-d6
Concen: 19.500 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.04 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion: 99 Resp: 526615

Ion	Ratio	Lower	Upper
99	100		
42	28.0	17.4	26.0#
71	32.4	26.1	39.1

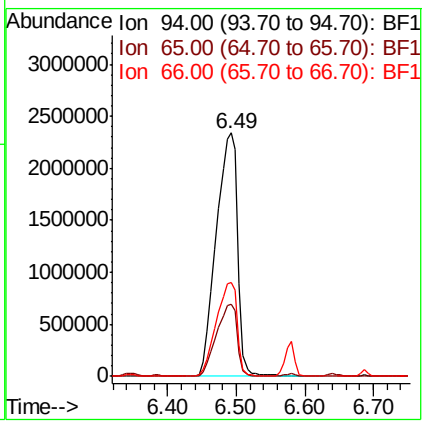




#10
Phenol
Concen: 166.672 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.05 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion: 94 Resp: 5098831

Ion	Ratio	Lower	Upper
94	100		
65	29.7	11.7	51.7
66	38.4	21.0	61.0



Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

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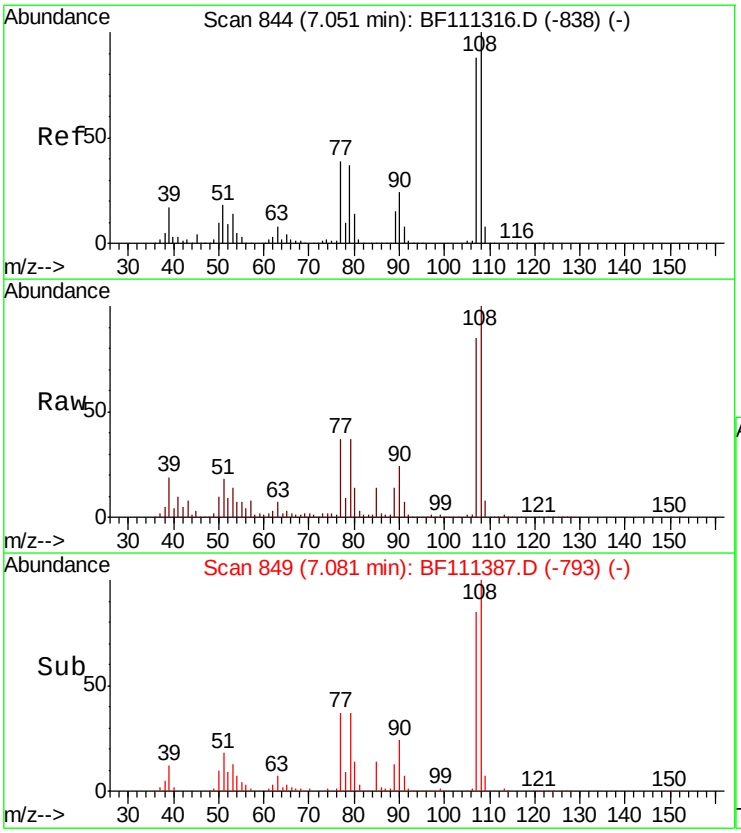
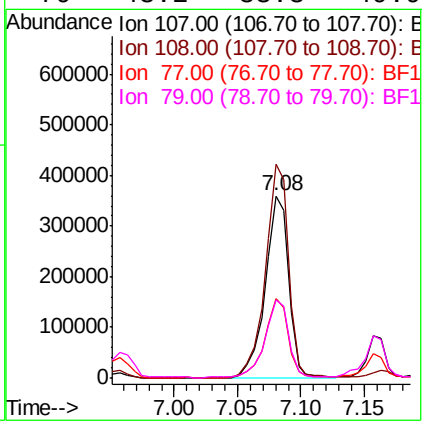
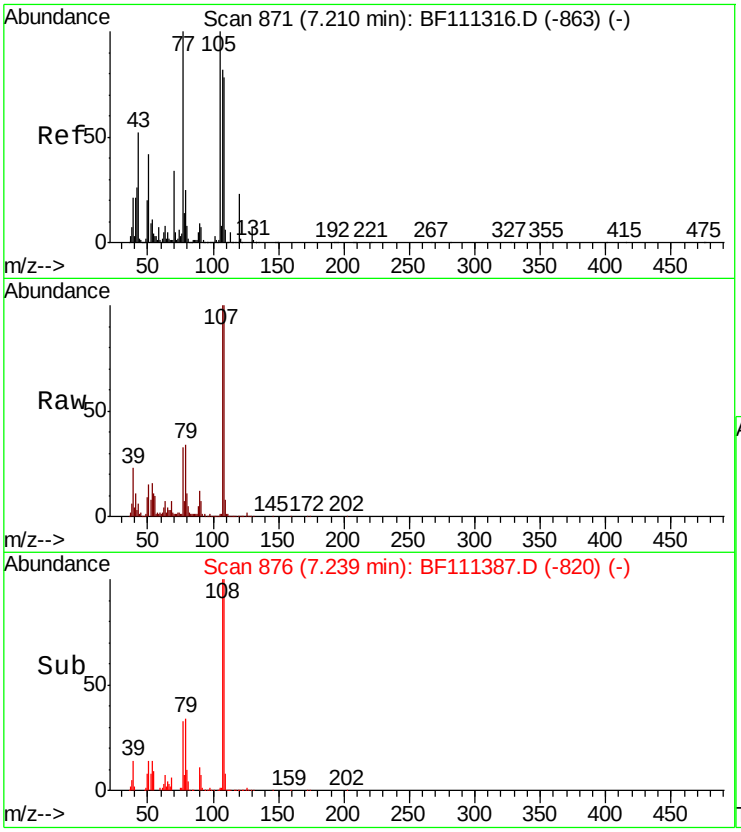


#17
2-Methylphenol
Concen: 23.318 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.03 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:107 Resp: 463871

Ion	Ratio	Lower	Upper
107	100		
108	117.3	91.0	136.4
77	43.4	33.5	50.3
79	43.2	33.3	49.9

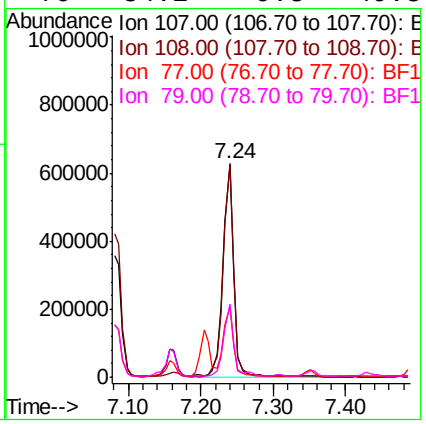




#20
3+4-Methylphenols
Concen: 27.378 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.03 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:107 Resp: 649506

Ion	Ratio	Lower	Upper
107	100		
108	100.3	72.1	112.1
77	33.2	94.1	134.1#
79	34.2	9.8	49.8



Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Manual Integrations APPROVED
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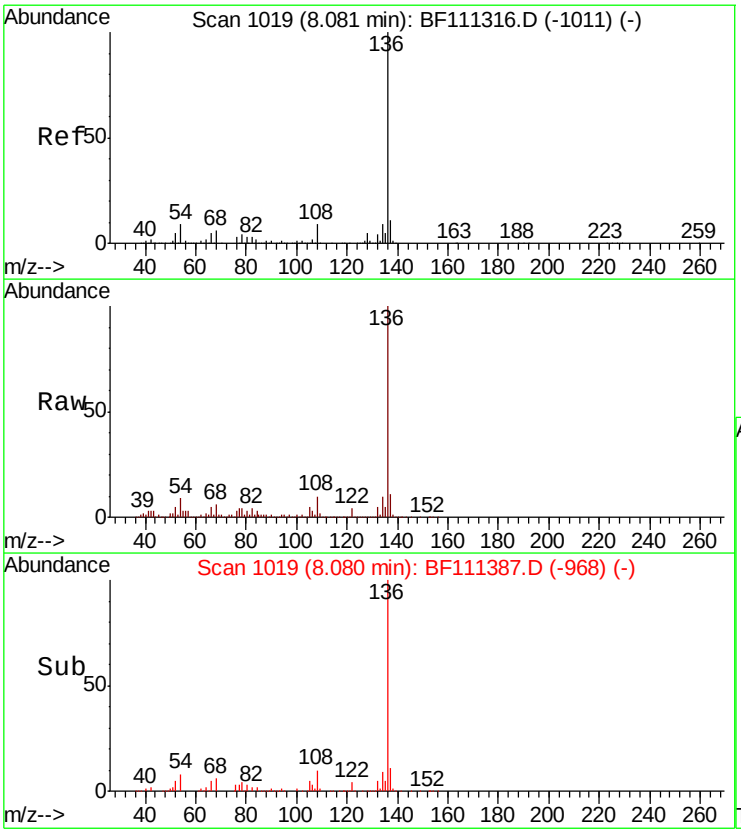
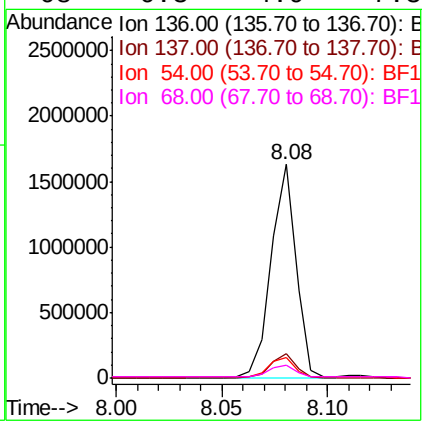
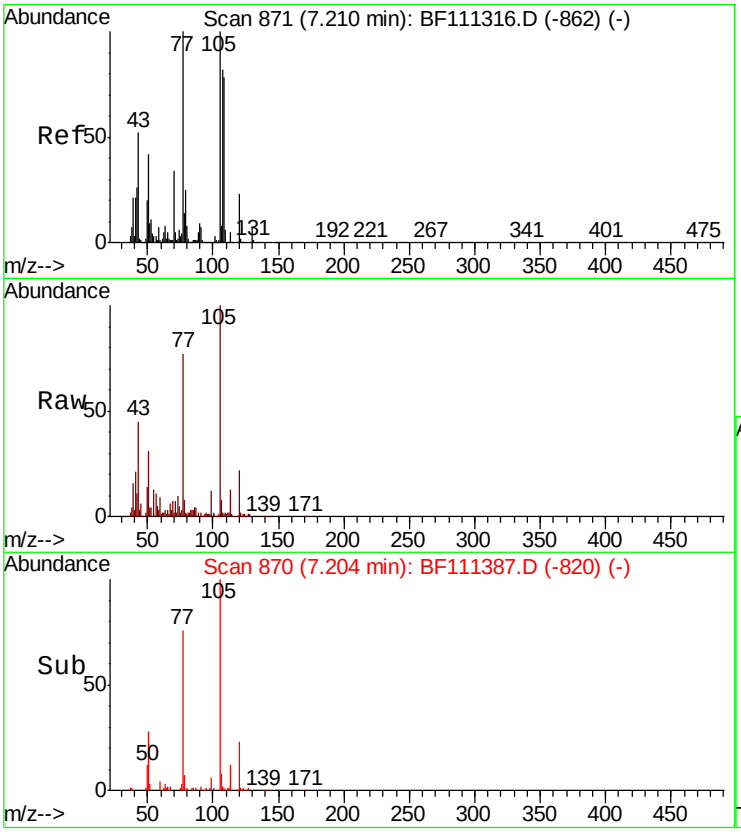


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:136 Resp: 1345633

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.4	7.7	11.5
68	6.3	4.9	7.3

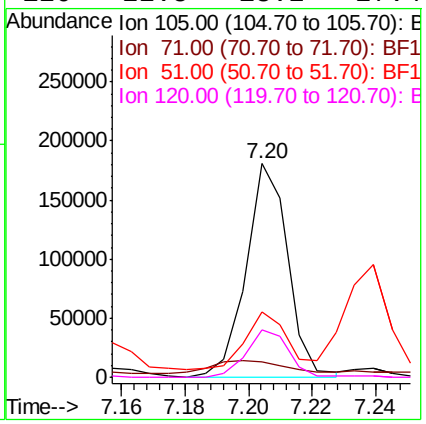




#22
Acetophenone
Concen: 5.253 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:105 Resp: 164201

Ion	Ratio	Lower	Upper
105	100		
71	7.3	3.1	4.7#
51	30.8	36.6	54.8#
120	22.5	18.2	27.4



Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Manual Integrations APPROVED
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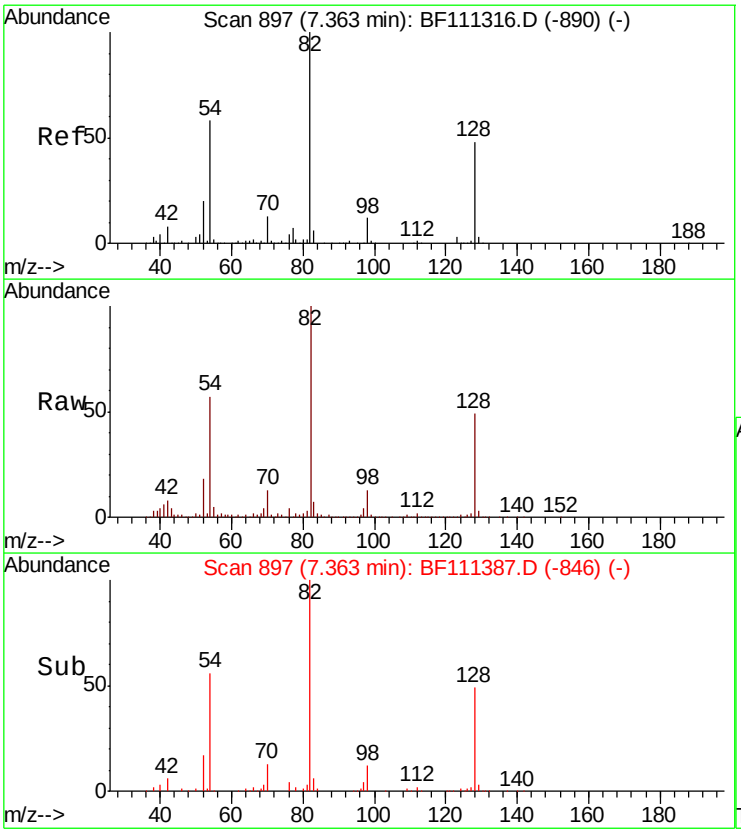
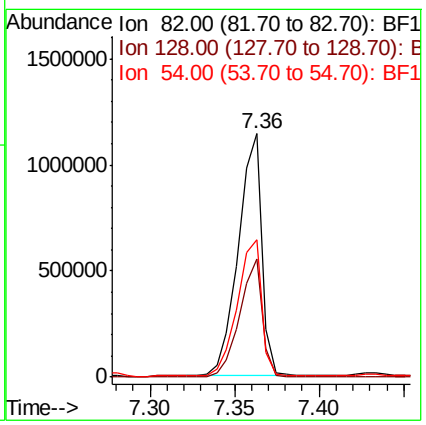
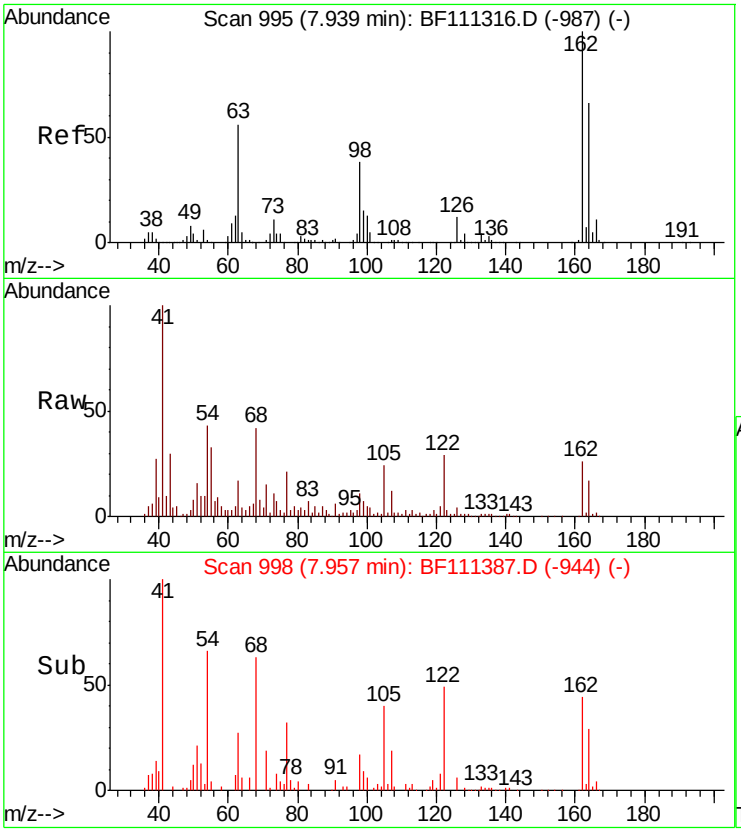


#23
Nitrobenzene-d5
Concen: 46.669 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion: 82 Resp: 1114187

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.4	56.2
54	56.7	47.6	71.4

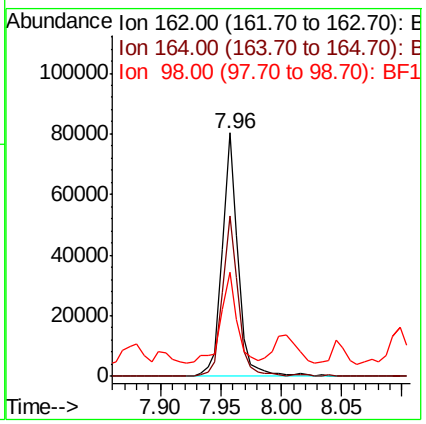




#29
2,4-Dichlorophenol
Concen: 3.807 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:162 Resp: 72877

Ion	Ratio	Lower	Upper
162	100		
164	65.9	44.4	84.4
98	42.8	20.3	60.3



Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Manual Integrations APPROVED
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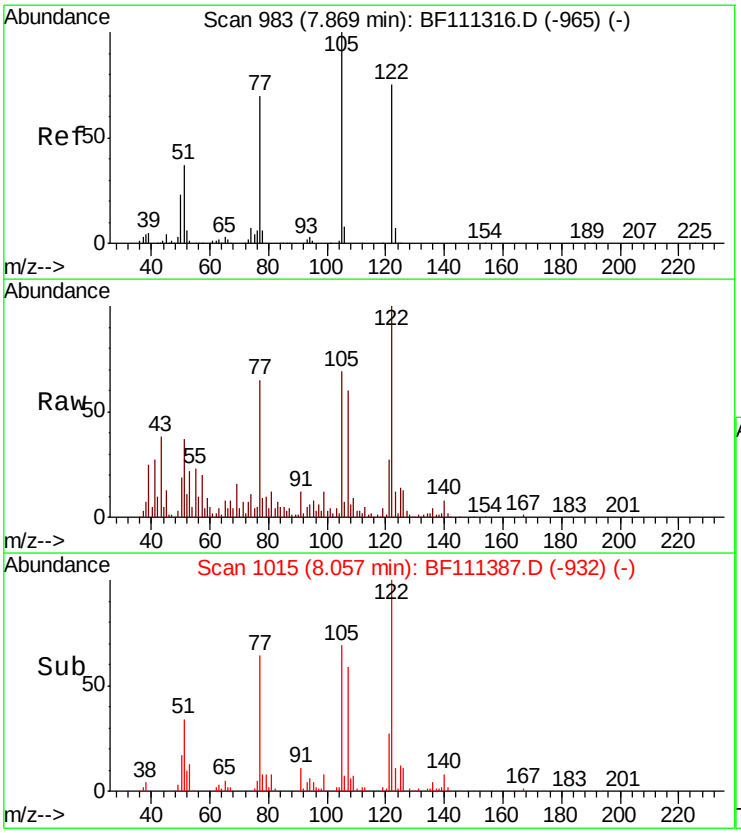
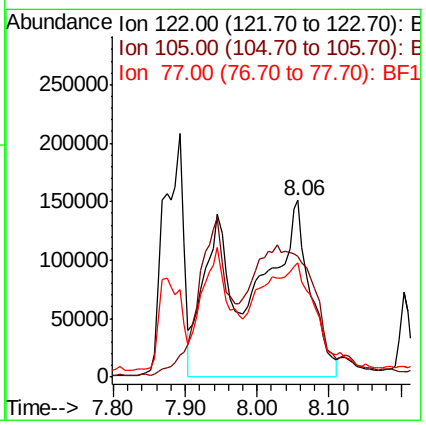
12/17/2018 2:10:16 PM

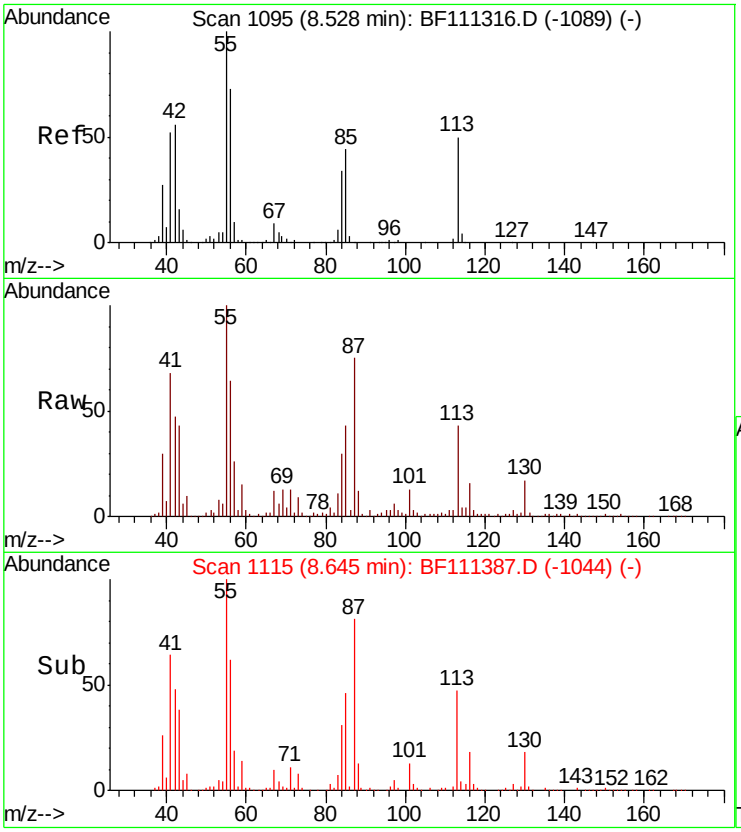


#32
Benzoic acid
Concen: 64.781 ng m
RT: 8.06 min Scan# 1015
Delta R.T. 0.19 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:122 Resp: 988114

Ion	Ratio	Lower	Upper
122	100		
105	68.6	97.0	137.0#
77	64.9	65.7	105.7#

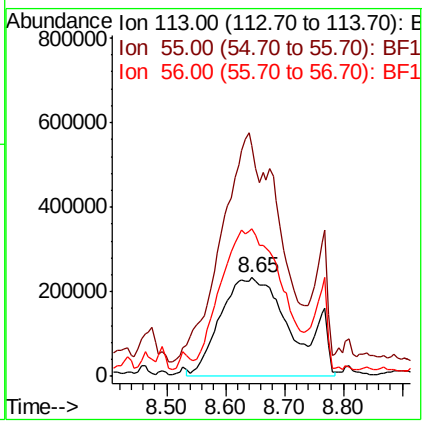




#35
Caprolactam
Concen: 295.373 ng m
RT: 8.65 min Scan# 1115
Delta R.T. 0.12 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:113 Resp: 1981049

Ion	Ratio	Lower	Upper
113	100		
55	233.1	184.1	224.1#
56	150.0	126.0	166.0



Instrument :
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Manual Integrations APPROVED
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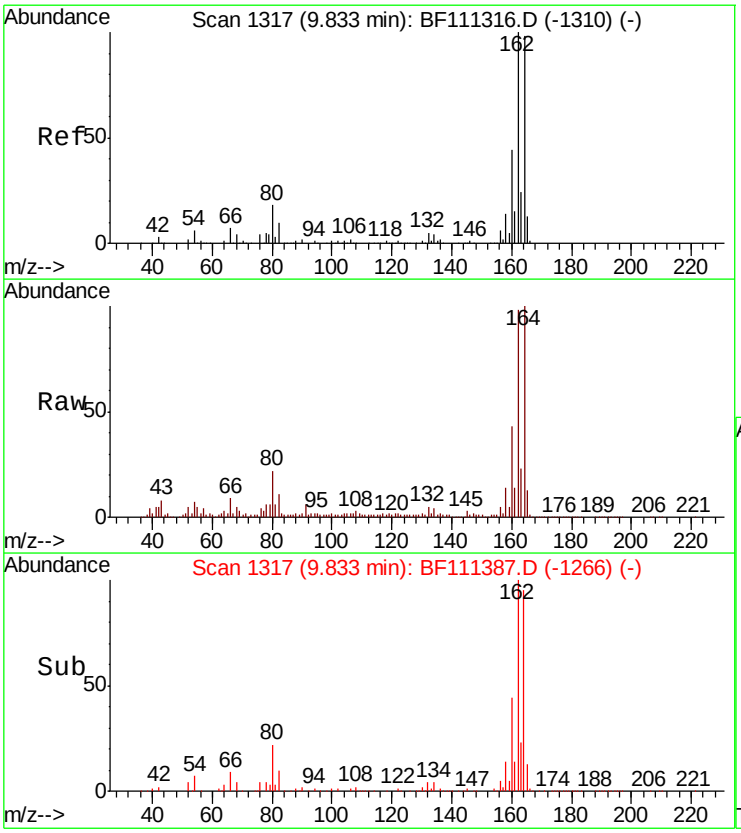
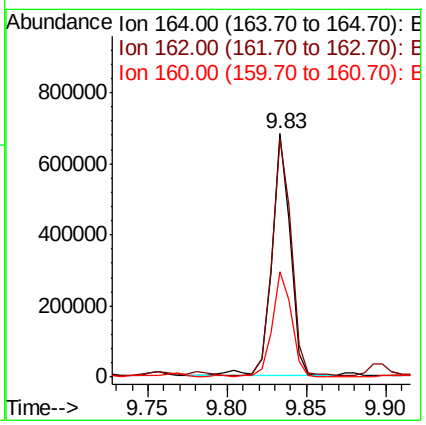
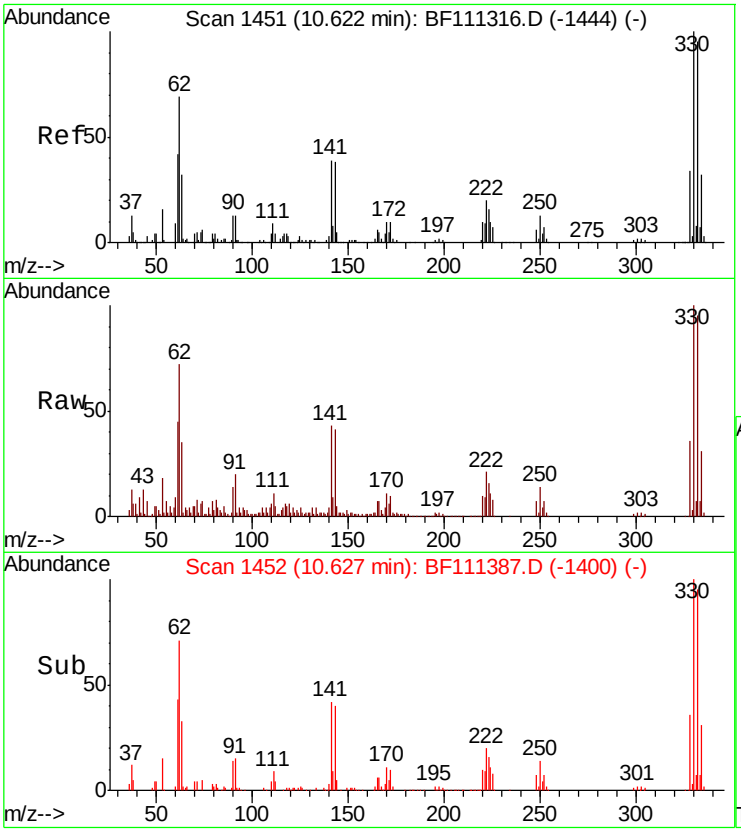


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:164 Resp: 557166

Ion	Ratio	Lower	Upper
164	100		
162	98.2	81.4	122.0
160	43.2	35.7	53.5





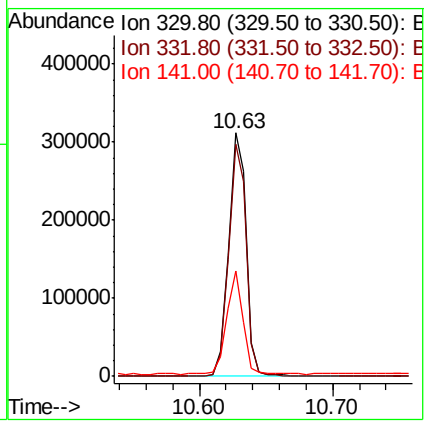
#42
2,4,6-Tribromophenol
Concen: 59.211 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

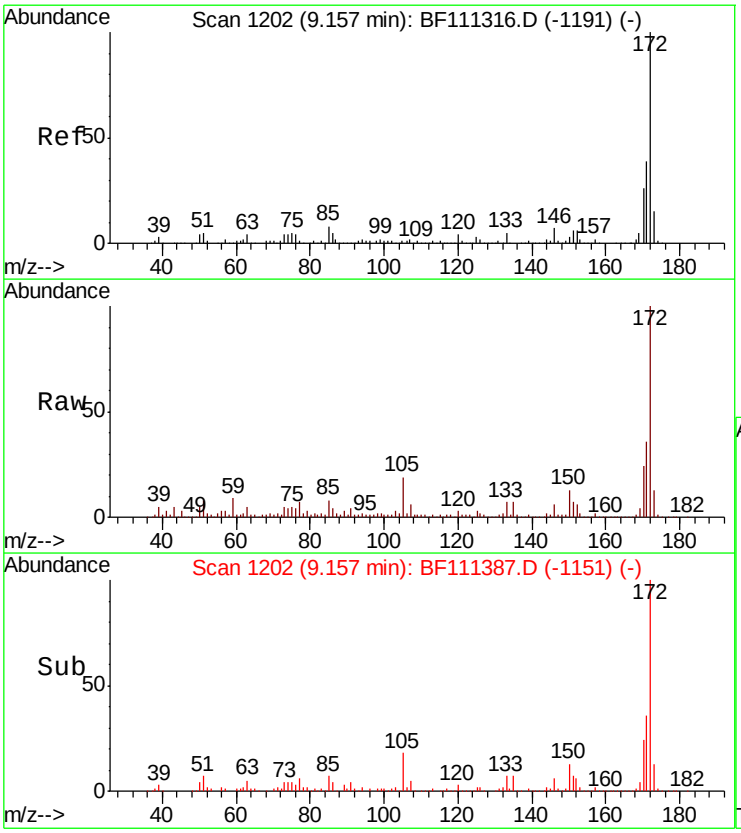
Tgt Ion:330 Resp: 290816

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.0	114.0
141	40.0	31.0	46.6

Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Manual Integrations APPROVED
Sohil
12/17/2018 2:10:16 PM

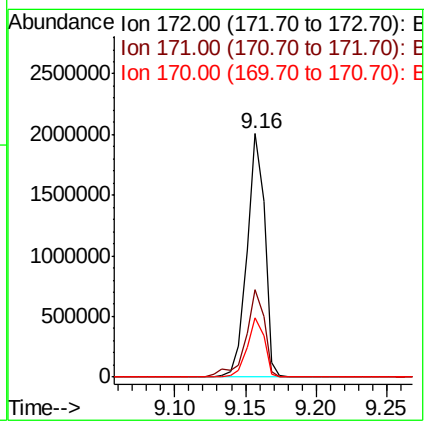


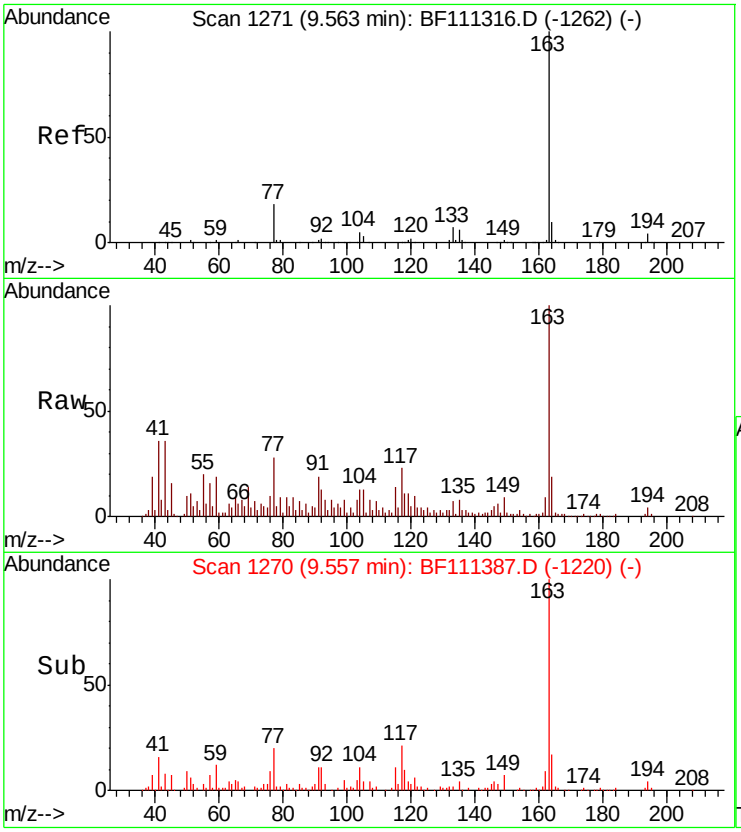


#45
2-Fluorobiphenyl
Concen: 50.616 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:172 Resp: 1756582

Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.0	49.4
170	24.2	22.3	33.5

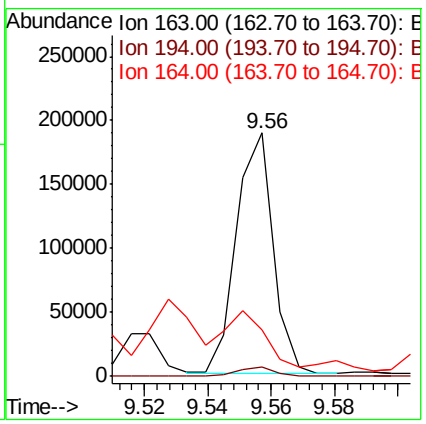




#50
Dimethylphthalate
Concen: 3.758 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:163 Resp: 150566

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	19.3	8.9	13.3#



Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

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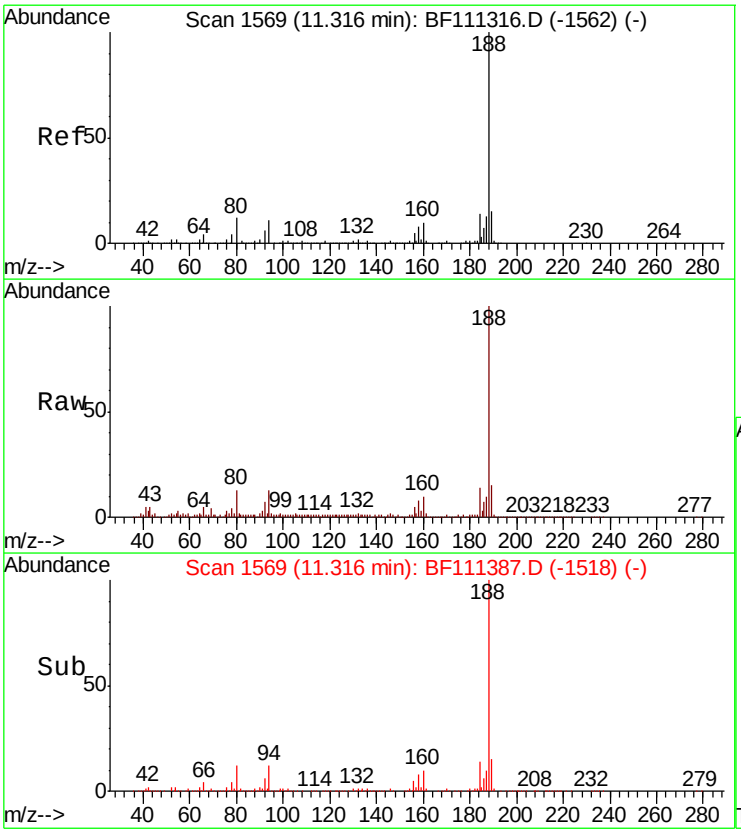
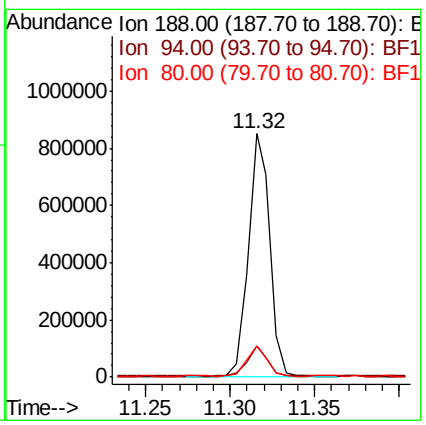
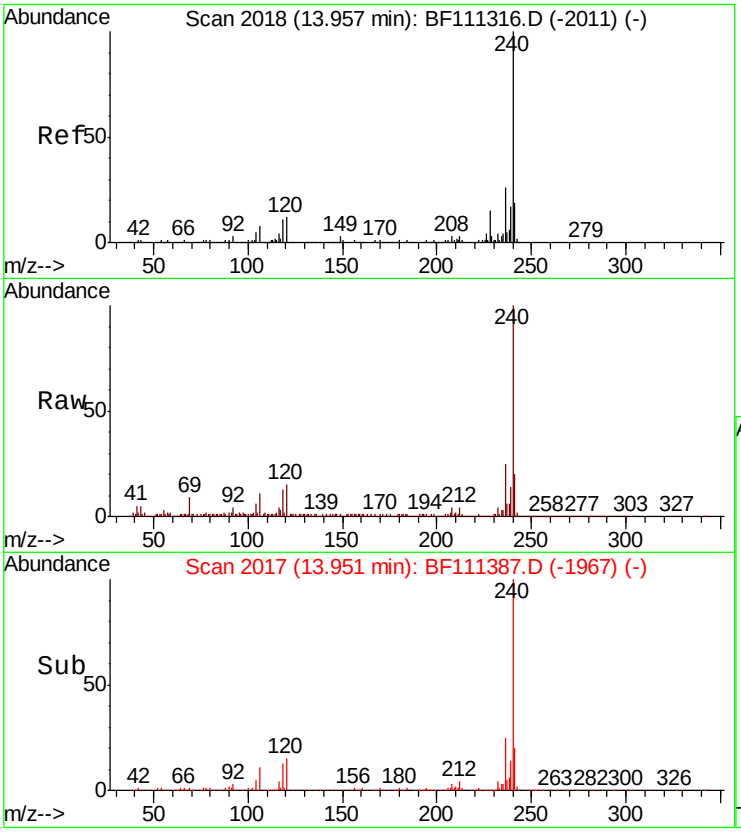


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:188 Resp: 753696

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.6	14.4
80	12.6	9.8	14.6

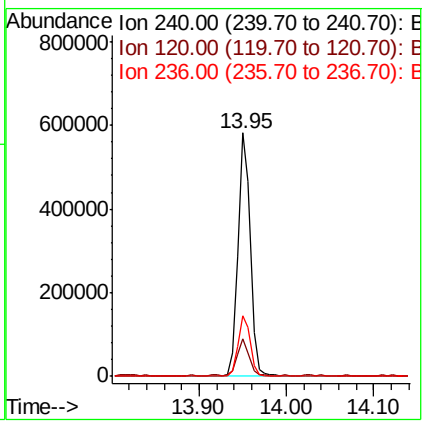




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:240 Resp: 539377

Ion	Ratio	Lower	Upper
240	100		
120	15.3	12.2	18.2
236	24.8	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Manual Integrations APPROVED
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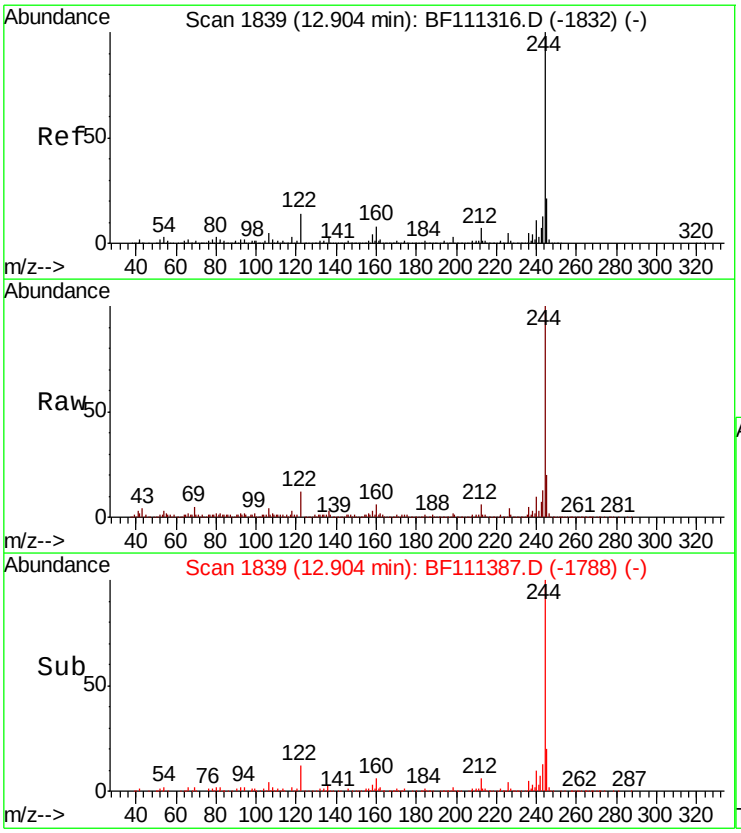
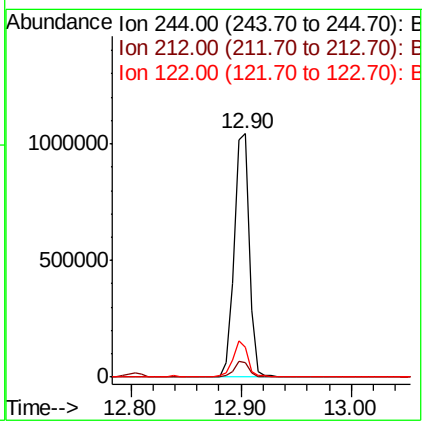
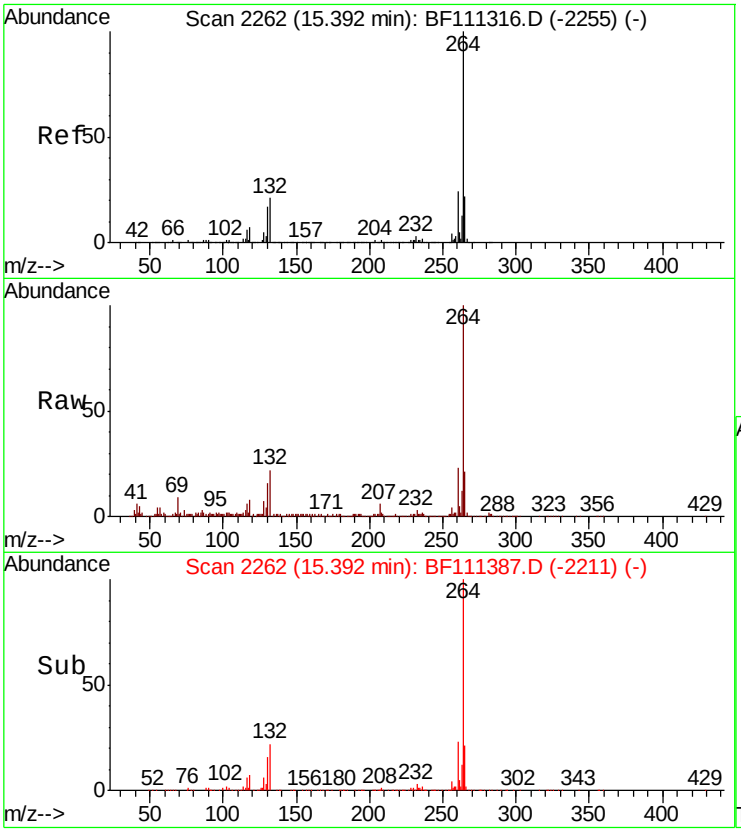


#79
Terphenyl-d14
Concen: 41.218 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:244 Resp: 1010109

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	12.4	13.1	19.7#

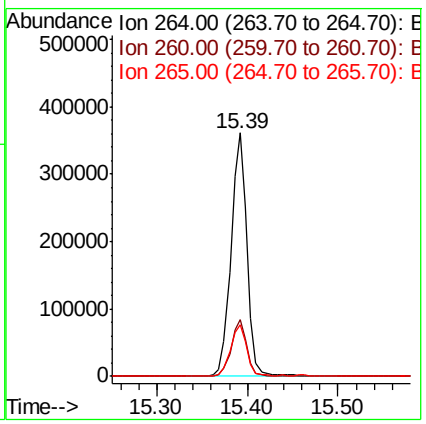




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF111387.D
Acq: 13 Dec 2018 23:16

Tgt Ion:264 Resp: 446637

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.0	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
P001-SW004-02

Manual Integrations APPROVED
Sohil
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