Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080616.D
Acq On : 24 Jul 2015 3:28
Operator : TP/UM
Sample : G3053-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Manual Integrations APPROVED
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7/24/2015 4:47:46 PM

Quant Time: Jul 24 07:41:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 01:01:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	40632	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	154963	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	63621	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	115911	20.00	ng		0.00
75) Chrysene-d12	14.23	240	98267	20.00	ng		0.05
86) Perylene-d12	15.84	264	121244	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	86614m	36.82	ng		0.01
7) Phenol-d6	6.56	99	64121	22.30	ng		0.00
23) Nitrobenzene-d5	7.50	82	236831	86.59	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	47183	93.59	ng		0.01
44) 2-Fluorobiphenyl	9.31	172	404224	92.19	ng		0.00
78) Terphenyl-d14	13.08	244	318814	67.89	ng		0.01
Target Compounds							Qvalue
3) Pyridine	3.38	79	8281	2.78	ng		95
6) Aniline	6.60	93	93492	22.24	ng		97
8) 2-Chlorophenol	6.73	128	52643	20.84	ng		96
12) 1,3-Dichlorobenzene	6.89	146	8946m	2.79	ng		
13) 1,4-Dichlorobenzene	6.97	146	59141	18.81	ng		98
14) 1,2-Dichlorobenzene	7.12	146	339653	116.54	ng		99
20) 3+4-Methylphenols	7.34	107	26348	9.57	ng	#	33
24) Nitrobenzene	7.53	77	50964	17.43	ng		92
49) Dimethylphthalate	9.71	163	16974	3.63	ng	#	98

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

Quantitation Report (LSC Reviewed)

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BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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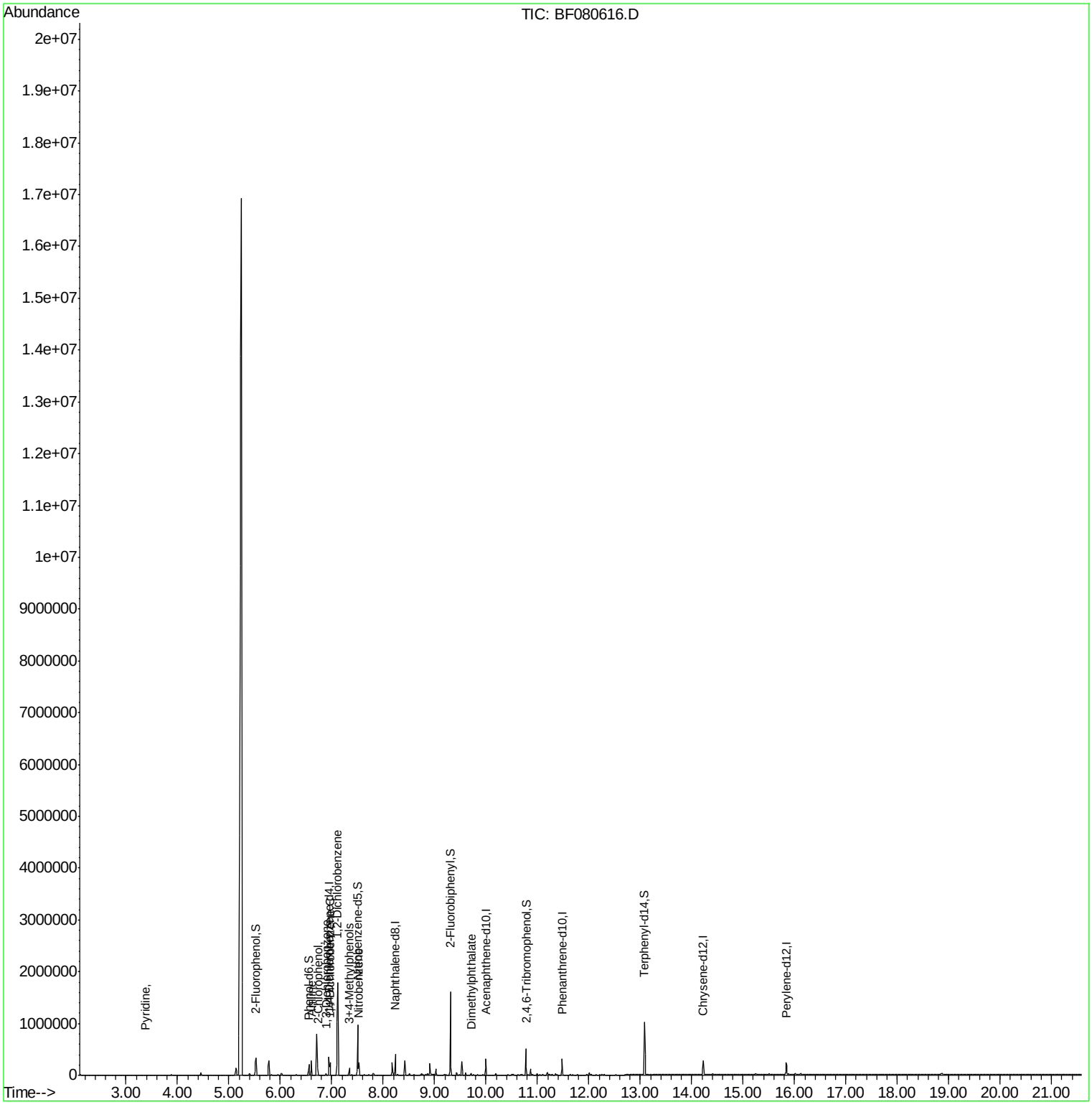
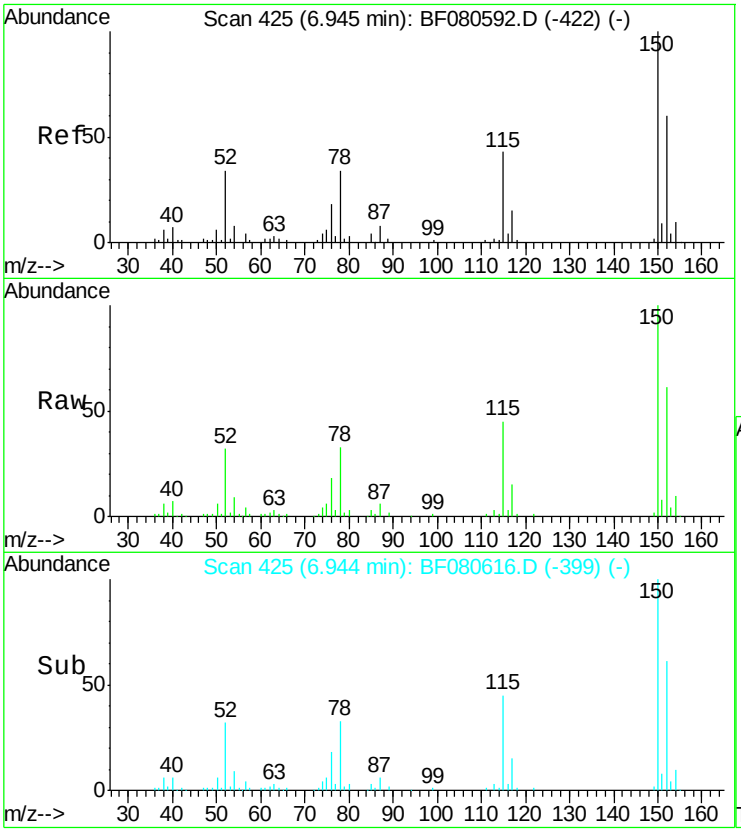
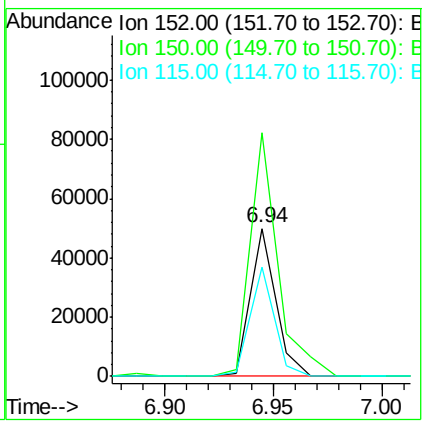




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:152 Resp: 40632

Ion	Ratio	Lower	Upper
152	100		
150	164.4	128.7	193.1
115	73.5	56.8	85.2



Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Manual Integrations APPROVED
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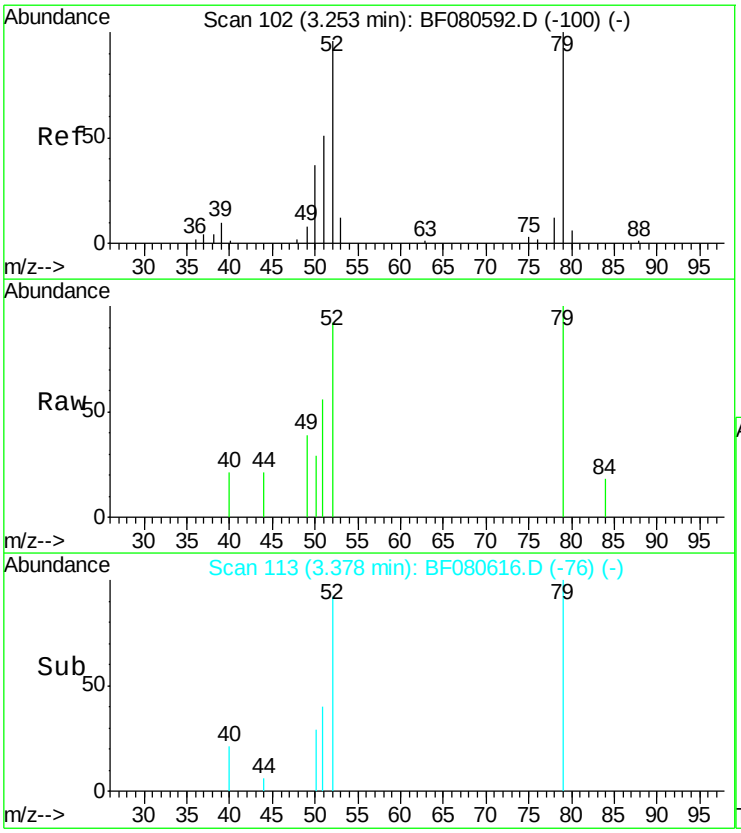
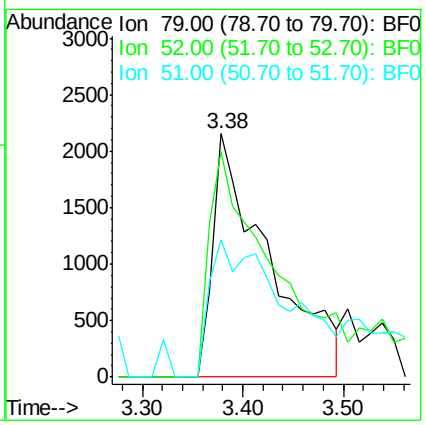
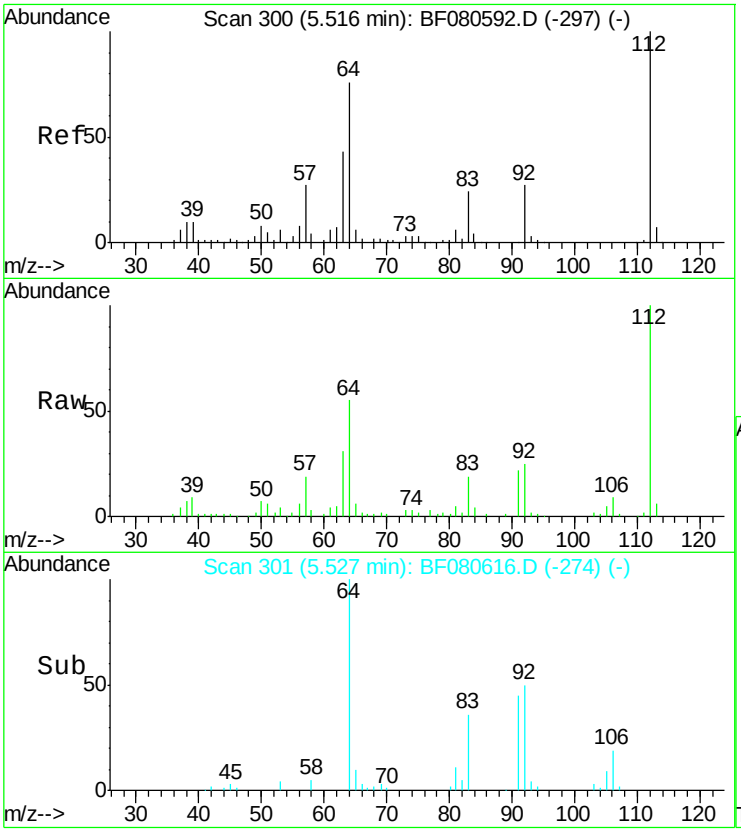


#3
Pyridine
Concen: 2.78 ng
RT: 3.38 min Scan# 113
Delta R.T. 0.13 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 79 Resp: 8281

Ion	Ratio	Lower	Upper
79	100		
52	92.4	79.6	119.4
51	56.2	44.5	66.7

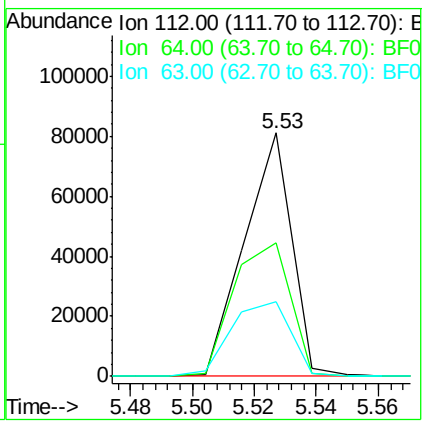




#5
2-Fluorophenol
Concen: 36.82 ng m
RT: 5.53 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:112 Resp: 86614

Ion	Ratio	Lower	Upper
112	100		
64	54.9	60.2	90.2#
63	30.5	34.8	52.2#



Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

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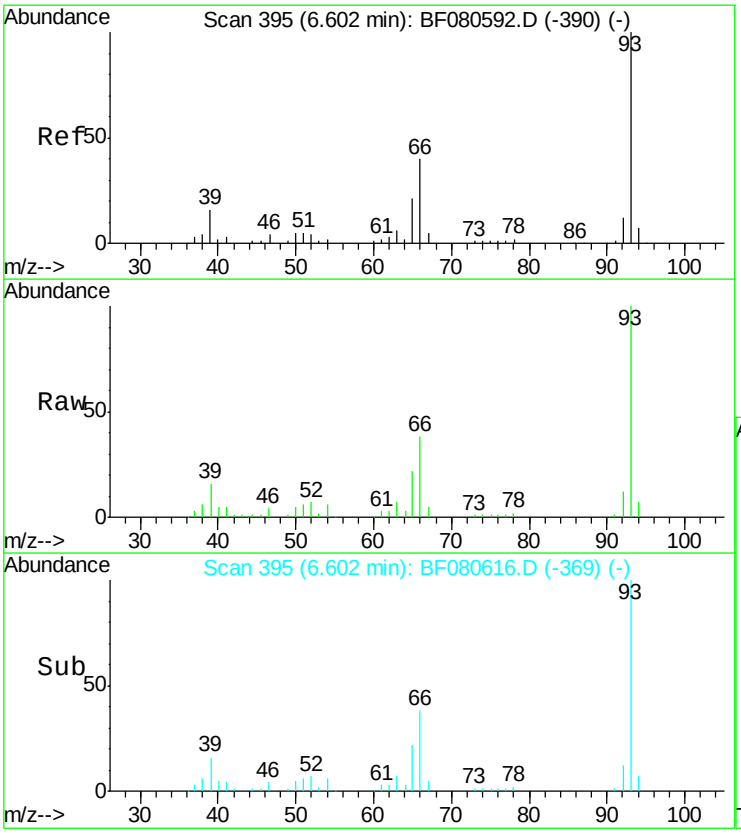
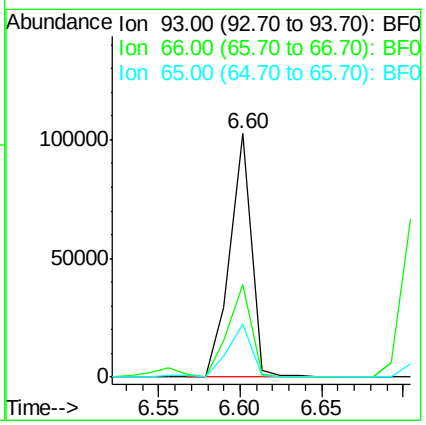
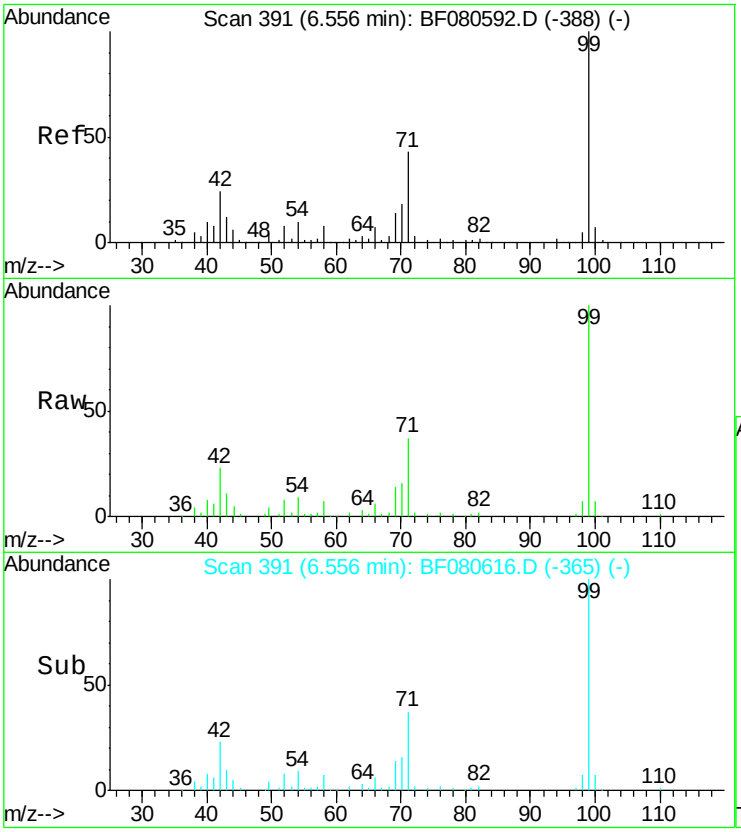


#6
Aniline
Concen: 22.24 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 93 Resp: 93492

Ion	Ratio	Lower	Upper
93	100		
66	38.2	33.1	49.7
65	21.7	17.2	25.8

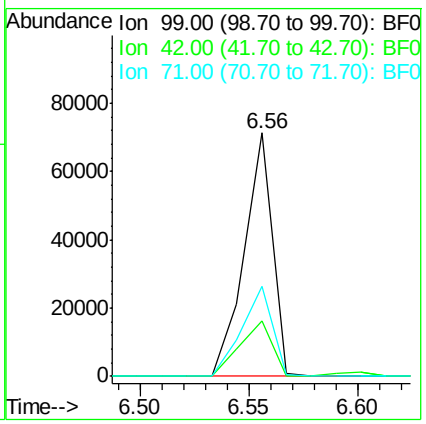




#7
Phenol-d6
Concen: 22.30 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 99 Resp: 64121

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.2
71	37.0	29.0	43.6



Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

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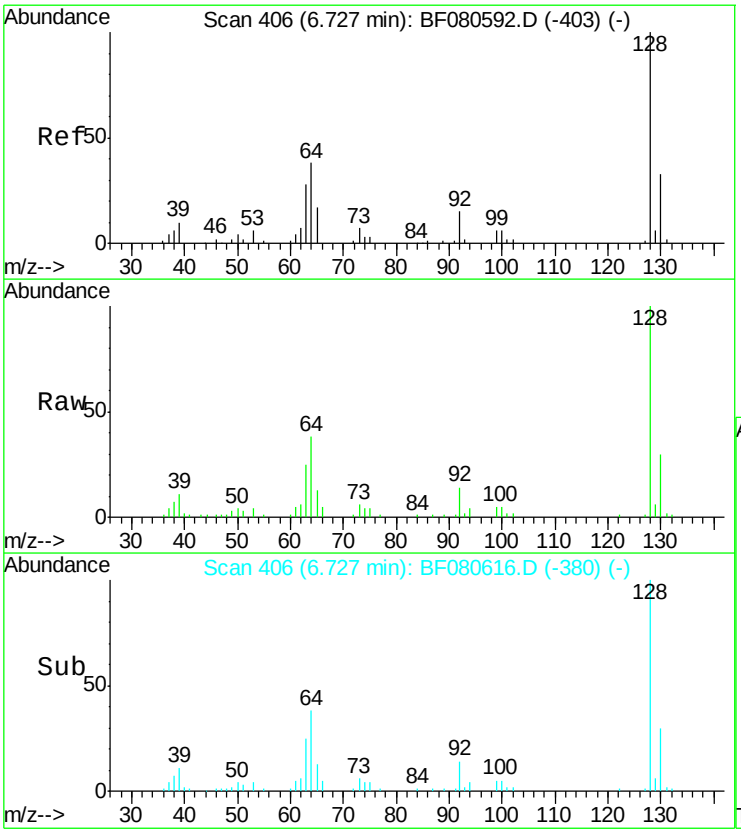
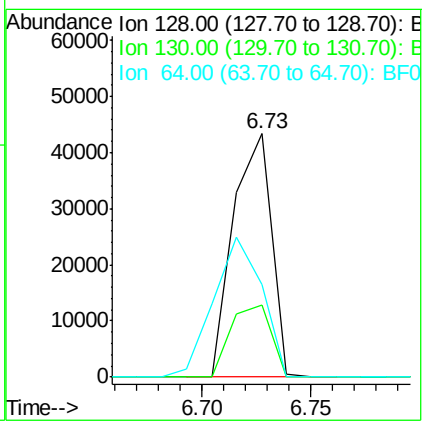
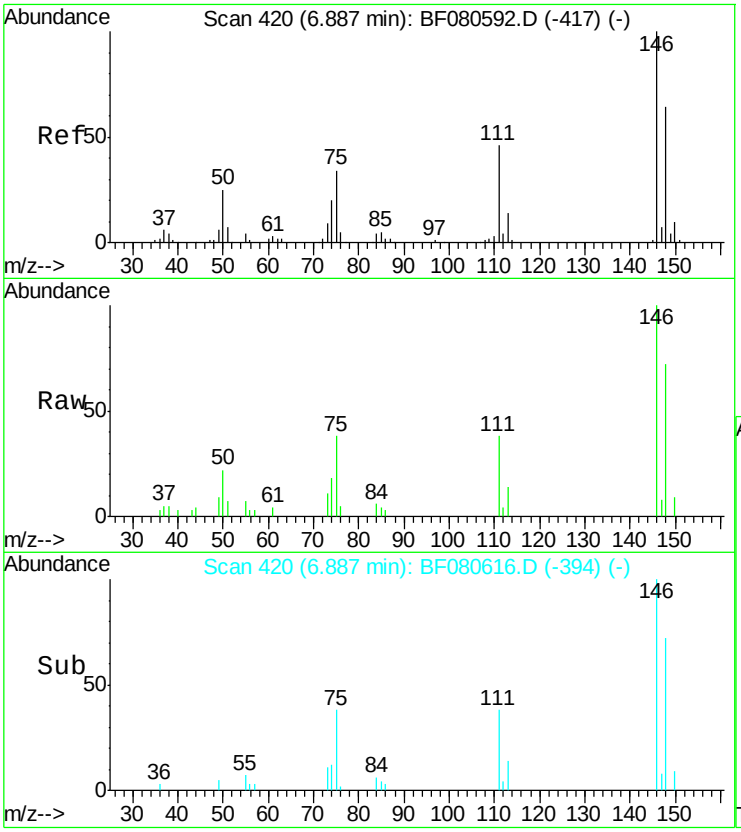


#8
2-Chlorophenol
Concen: 20.84 ng
RT: 6.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:128 Resp: 52643

Ion	Ratio	Lower	Upper
128	100		
130	29.6	11.8	51.8
64	38.0	20.2	60.2

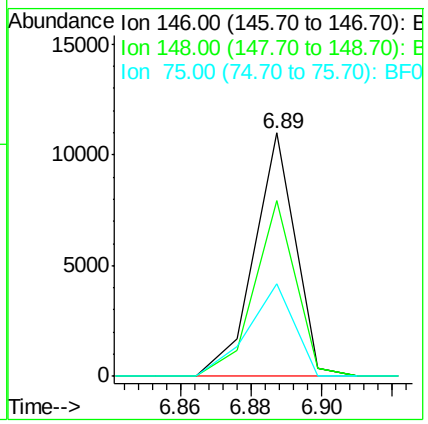




#12
1,3-Dichlorobenzene
Concen: 2.79 ng m
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:146 Resp: 8946

Ion	Ratio	Lower	Upper
146	100		
148	71.9	50.9	76.3
75	38.0	27.1	40.7



Instrument :
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ClientSampleId :
SYSDIS-07212015

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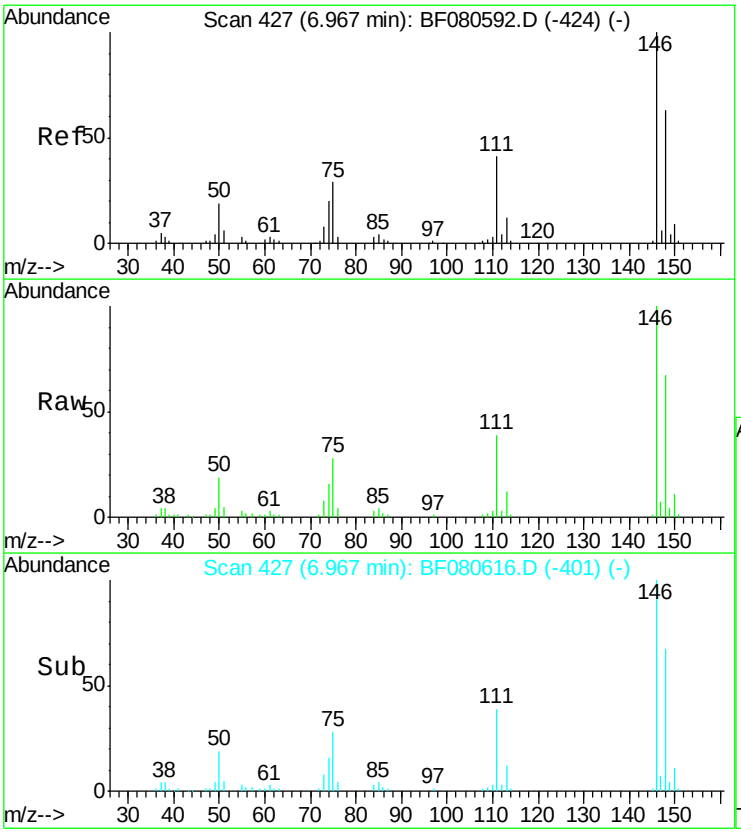
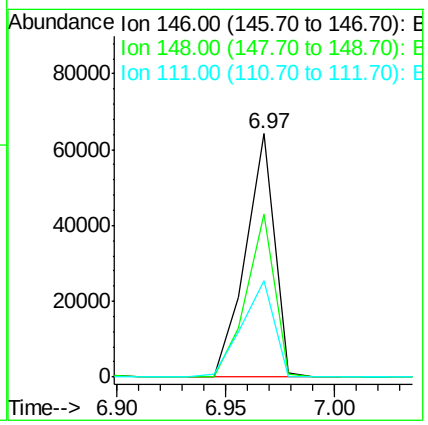
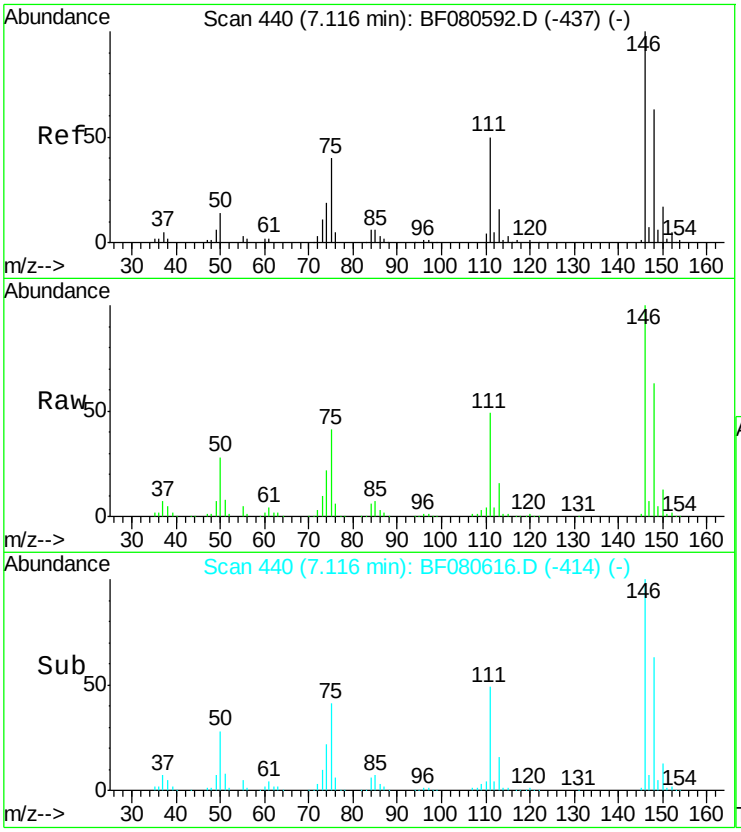


#13
1,4-Dichlorobenzene
Concen: 18.81 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:146 Resp: 59141

Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.0	78.0
111	39.4	31.4	47.2

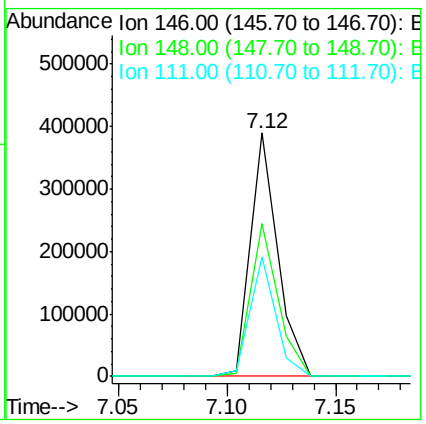




#14
1,2-Dichlorobenzene
Concen: 116.54 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:146 Resp: 339653

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	49.1	38.2	57.2



Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

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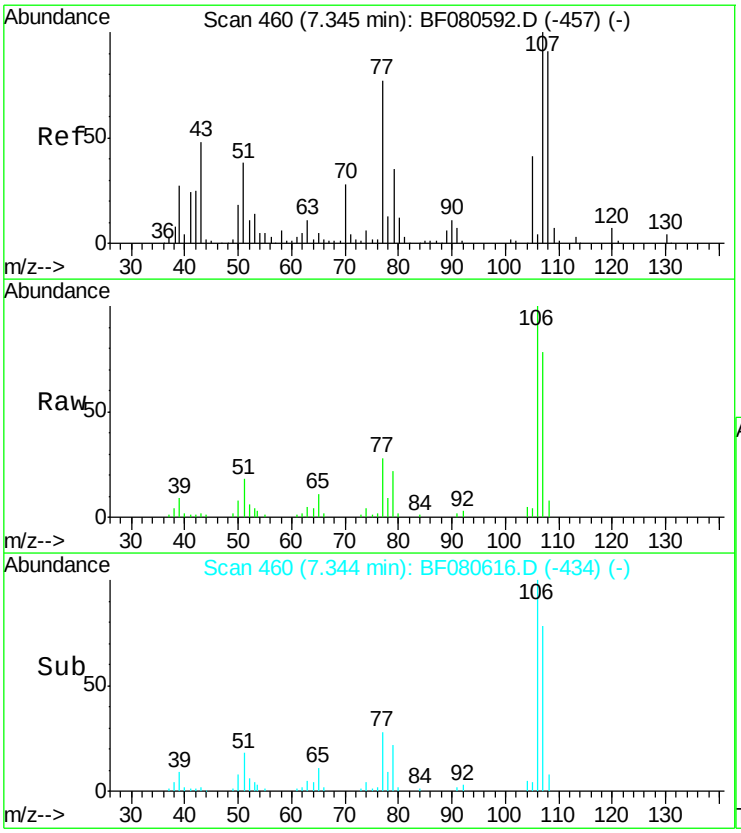
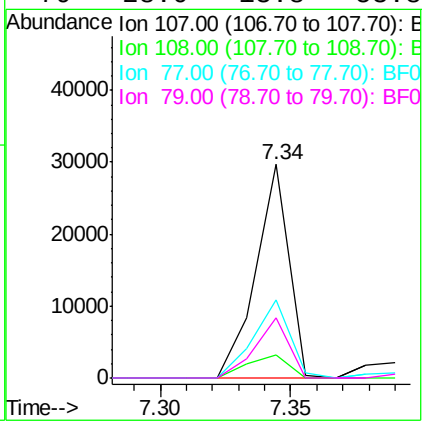
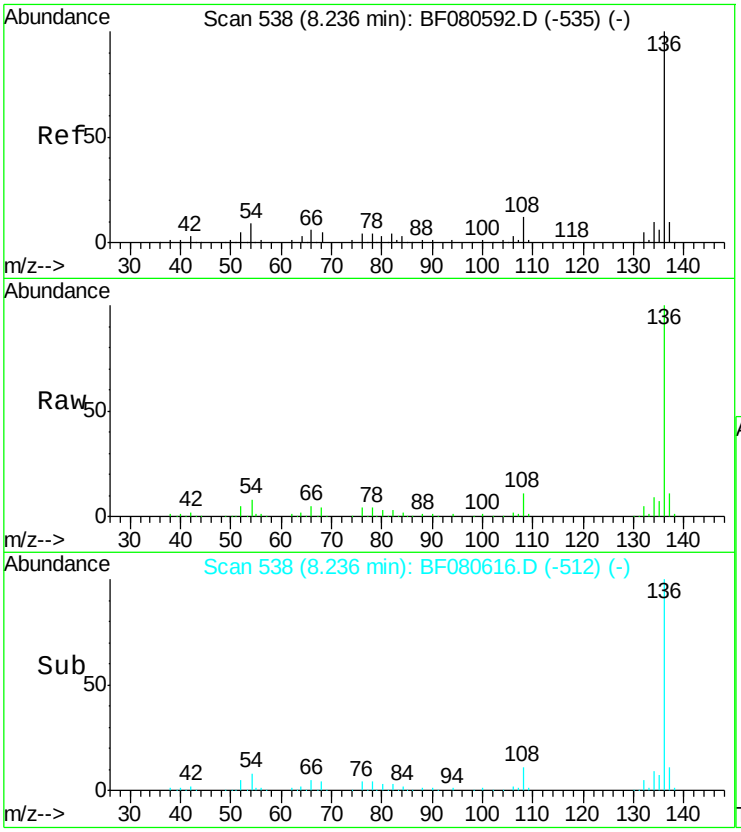


#20
3+4-Methylphenols
Concen: 9.57 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:107 Resp: 26348

Ion	Ratio	Lower	Upper
107	100		
108	10.6	75.6	115.6#
77	36.4	84.7	124.7#
79	28.0	13.8	53.8

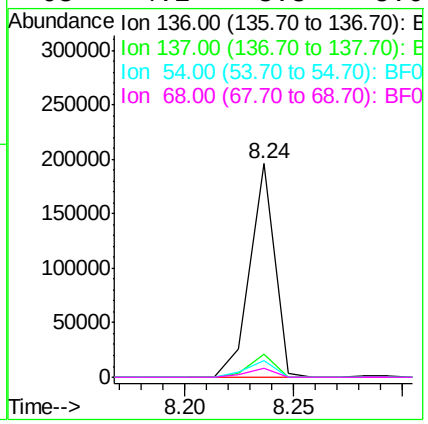




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:136 Resp: 154963

Ion	Ratio	Lower	Upper
136	100		
137	10.6	7.8	11.8
54	8.0	7.2	10.8
68	4.2	3.8	5.6



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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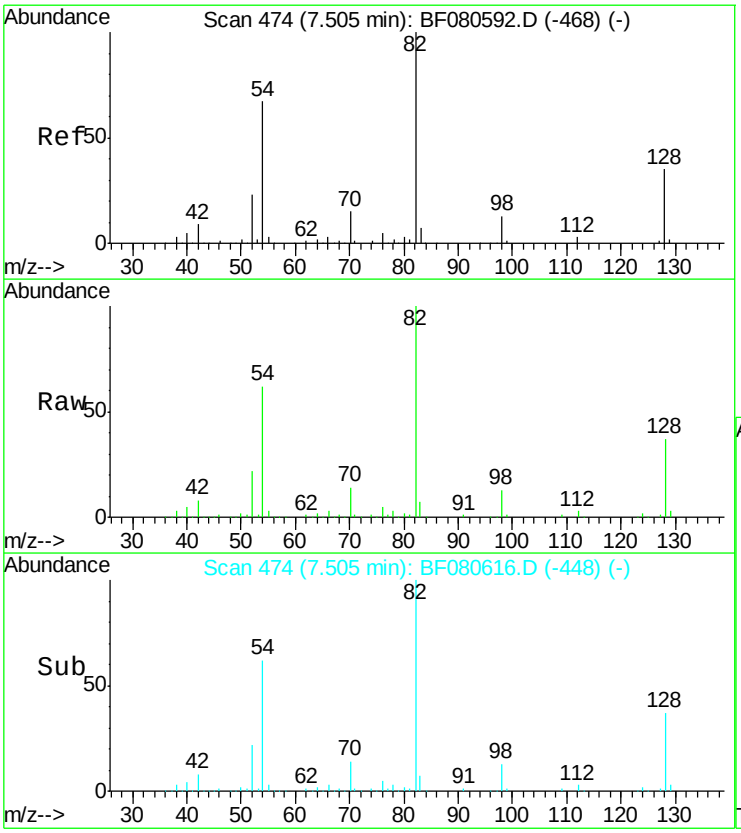
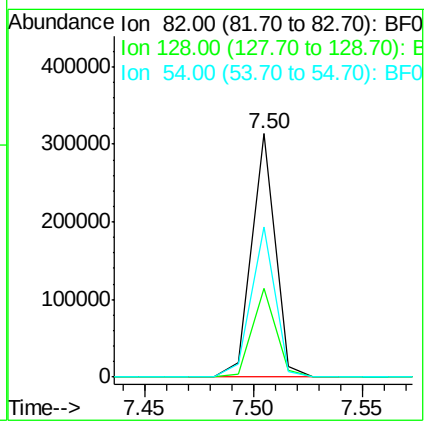
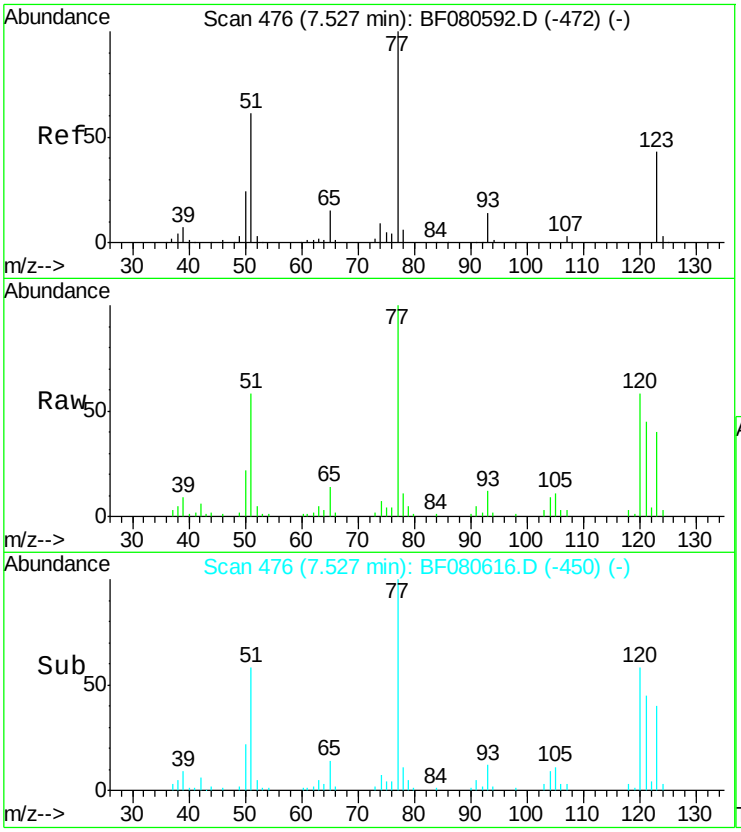


#23
Nitrobenzene-d5
Concen: 86.59 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 82 Resp: 236831

Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.9	43.3
54	61.8	54.5	81.7

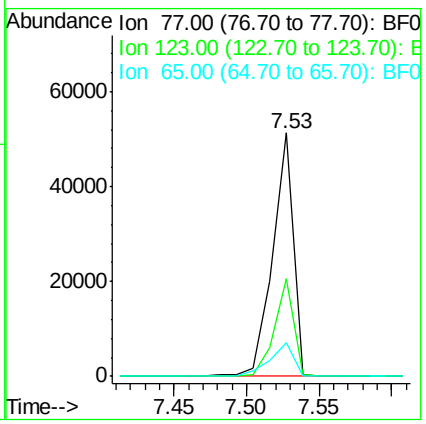




#24
Nitrobenzene
Concen: 17.43 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 77 Resp: 50964

Ion	Ratio	Lower	Upper
77	100		
123	40.0	37.1	55.7
65	13.6	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
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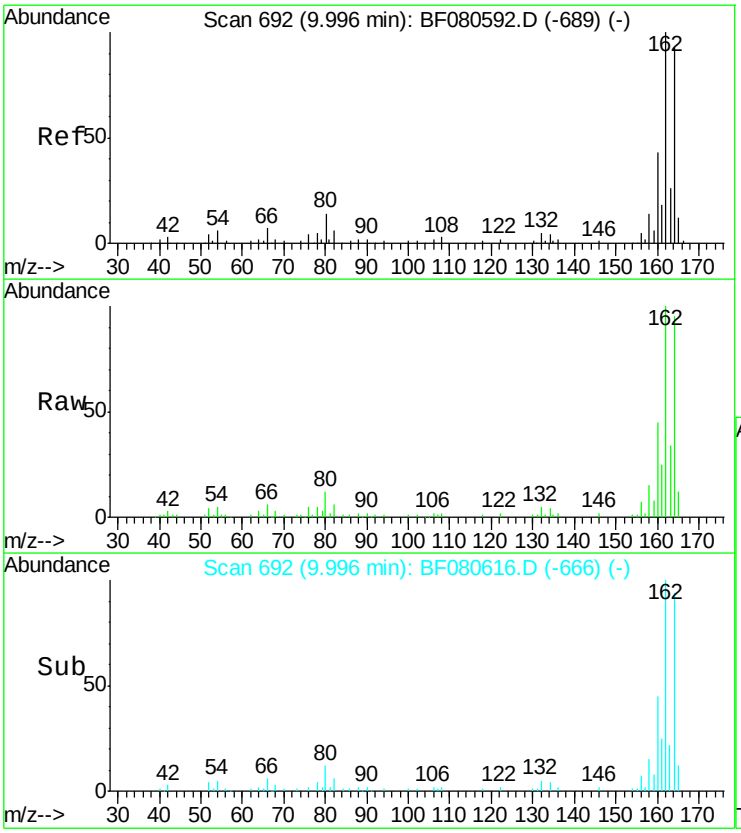
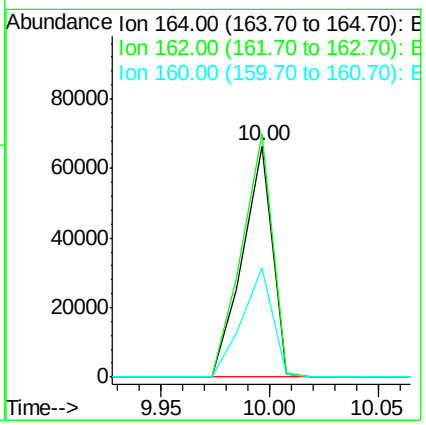
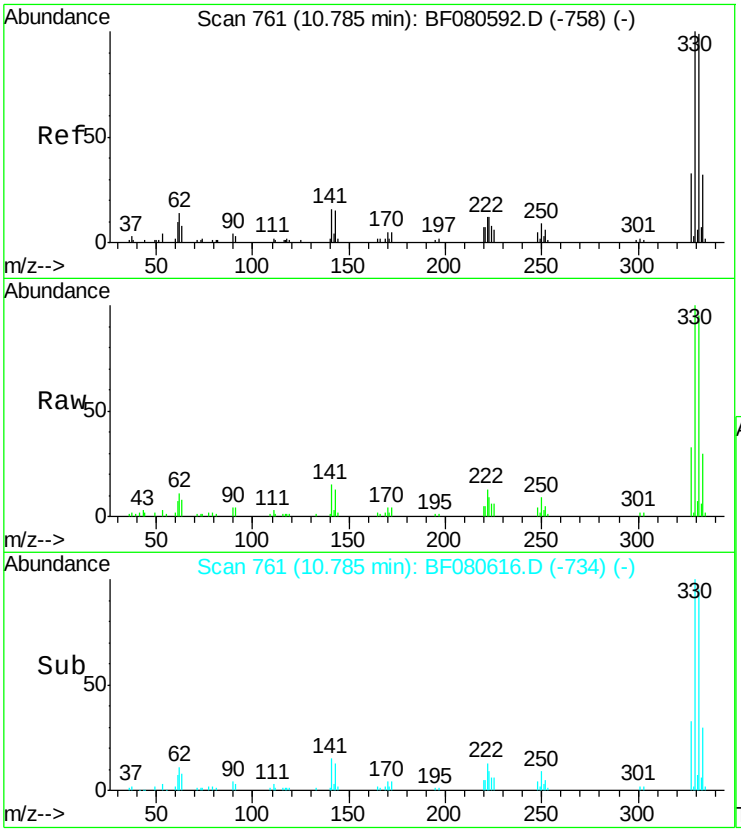


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:164 Resp: 63621

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.2	123.4
160	47.1	36.1	54.1

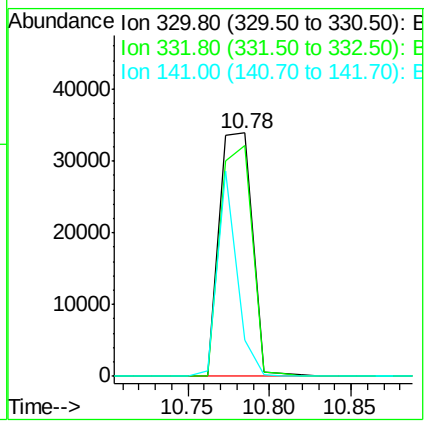




#41
2,4,6-Tribromophenol
Concen: 93.59 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:330 Resp: 47183

Ion	Ratio	Lower	Upper
330	100		
332	91.7	78.3	117.5
141	50.6	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Manual Integrations APPROVED
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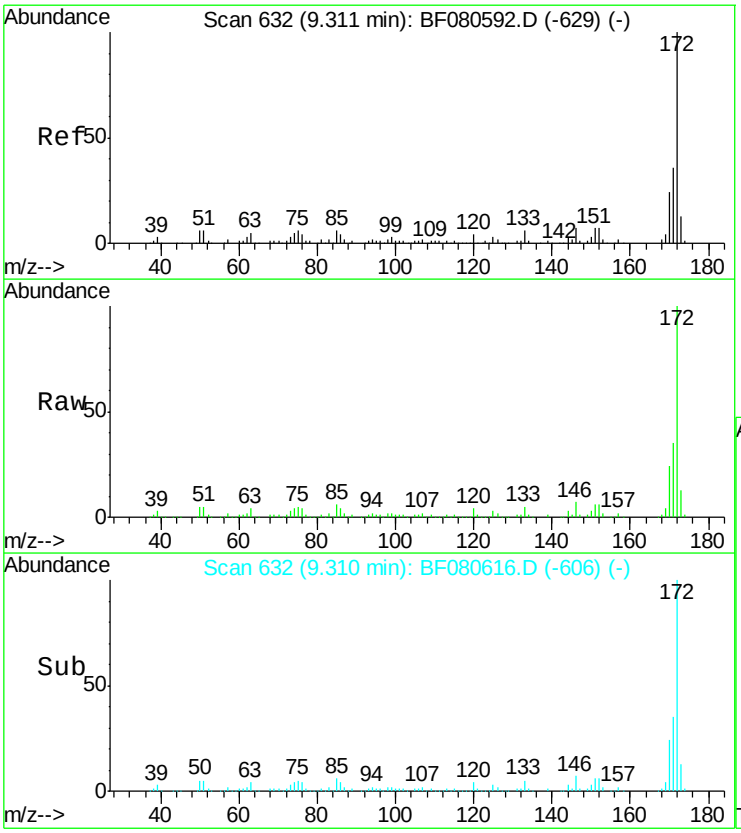
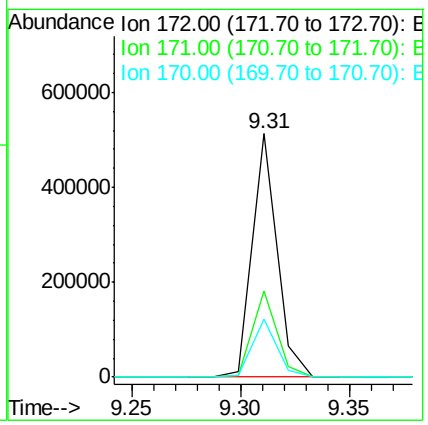
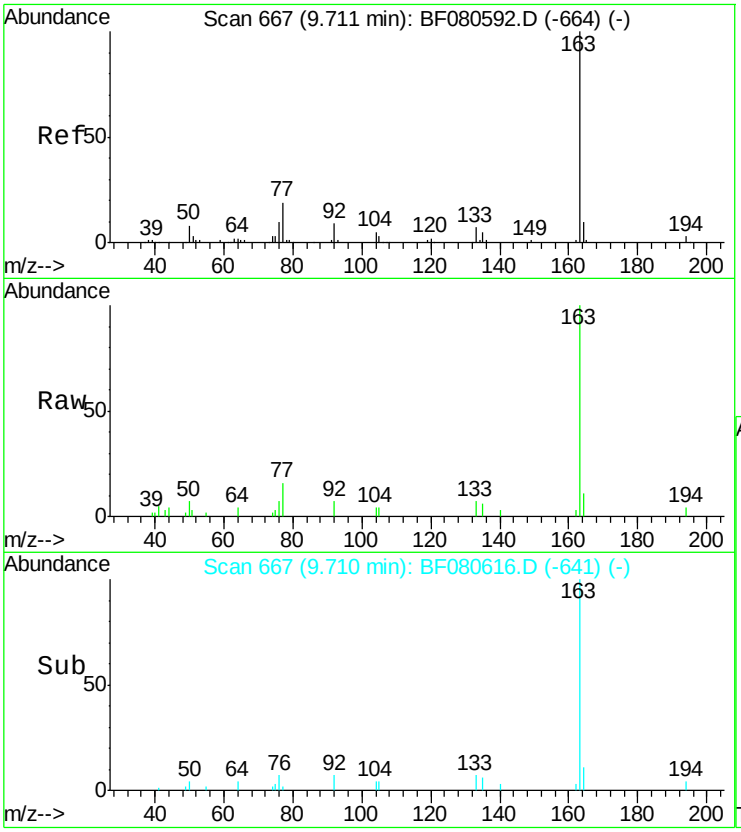


#44
2-Fluorobiphenyl
Concen: 92.19 ng
RT: 9.31 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:172 Resp: 404224

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.7	41.5
170	23.6	19.1	28.7

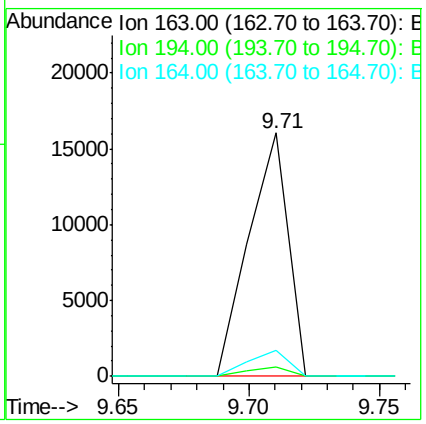




#49
Dimethylphthalate
Concen: 3.63 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:163 Resp: 16974

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.5	3.7#
164	10.6	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

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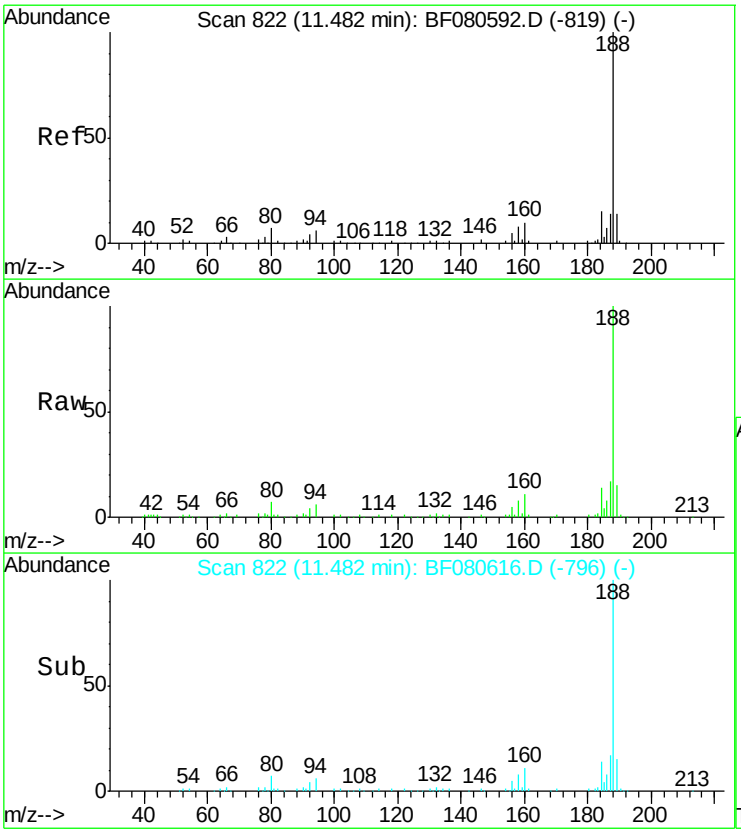
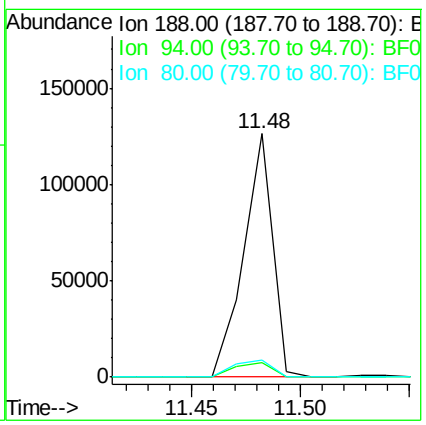
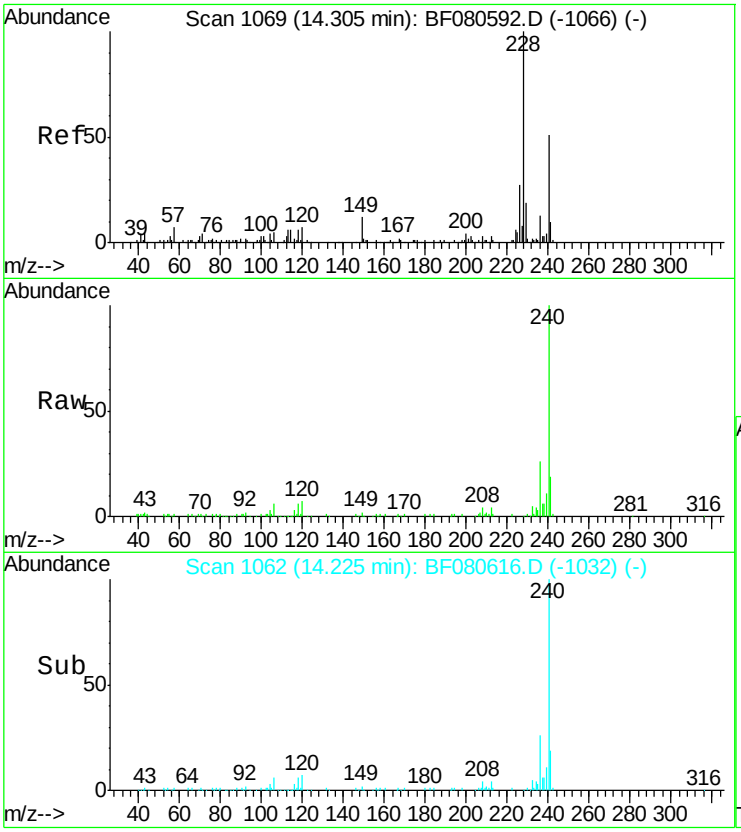


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:188 Resp: 115911

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.1	9.1#
80	6.9	7.0	10.6#

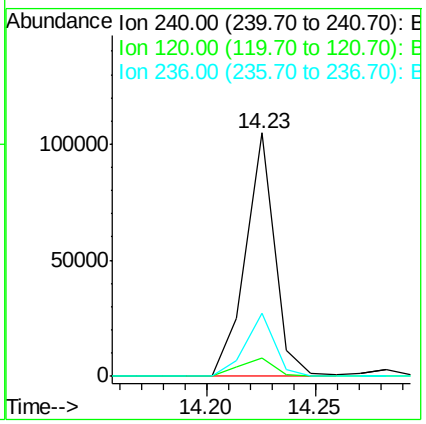




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.23 min Scan# 1062
Delta R.T. 0.05 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:240 Resp: 98267

Ion	Ratio	Lower	Upper
240	100		
120	7.5	9.9	14.9#
236	26.1	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Manual Integrations APPROVED
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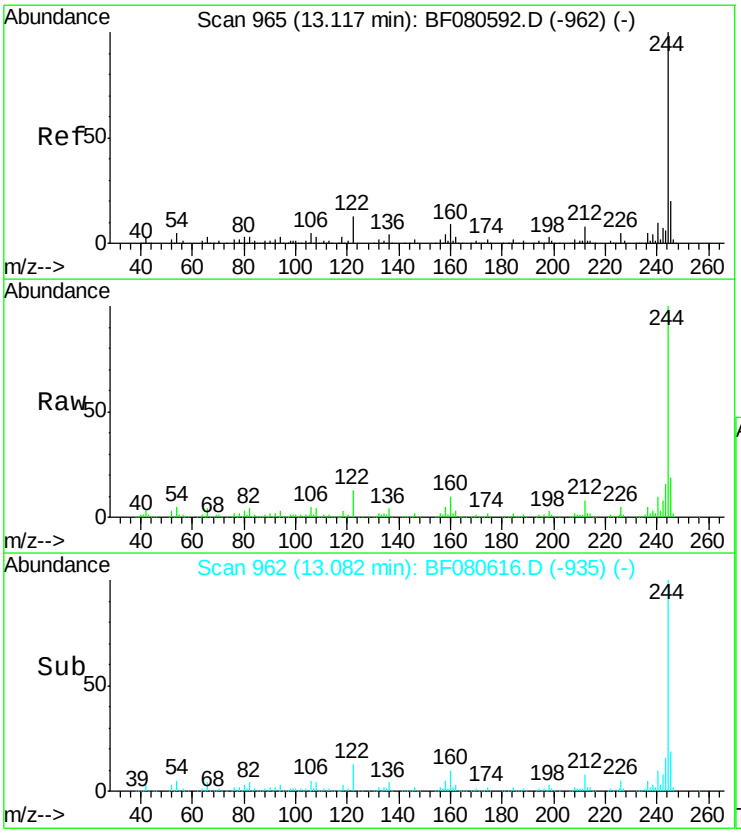
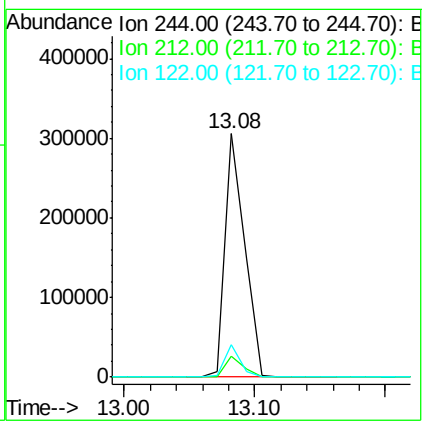
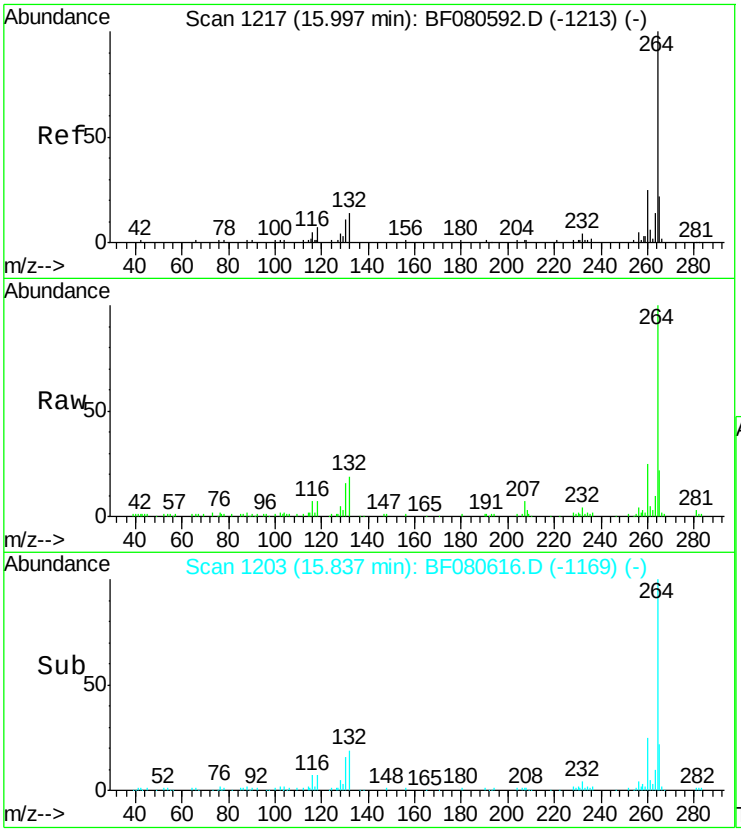


#78
Terphenyl-d14
Concen: 67.89 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:244 Resp: 318814

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	13.2	8.2	12.2#

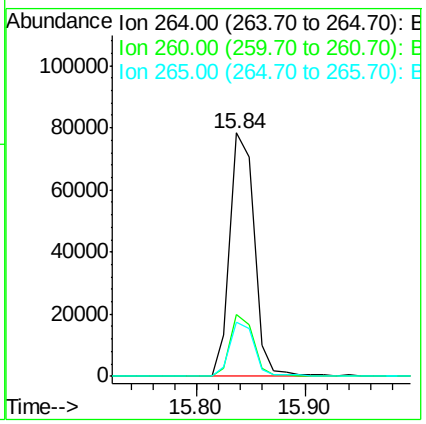




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.84 min Scan# 1203
Delta R.T. 0.09 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:264 Resp: 121244

Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.8	26.8
265	22.4	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Manual Integrations APPROVED
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