Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082903.D
Acq On : 13 Nov 2015 18:01
Operator : UM/IZ
Sample : G4403-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:44:01 PM

Quant Time: Nov 13 23:05:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	181373	20.00	ng		-0.06
21) Naphthalene-d8	8.09	136	725673	20.00	ng		-0.06
38) Acenaphthene-d10	9.84	164	347356	20.00	ng		-0.06
63) Phenanthrene-d10	11.32	188	677397	20.00	ng		-0.06
75) Chrysene-d12	13.95	240	538729	20.00	ng		-0.07
86) Perylene-d12	15.37	264	447658	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	463324	39.75	ng		-0.05
7) Phenol-d6	6.44	99	393771	25.41	ng		-0.03
23) Nitrobenzene-d5	7.37	82	1349108	80.89	ng		-0.04
41) 2,4,6-Tribromophenol	10.62	330	299607	75.23	ng		-0.06
44) 2-Fluorobiphenyl	9.17	172	2152479	88.81	ng		-0.05
78) Terphenyl-d14	12.91	244	1895726	83.46	ng		-0.06
Target Compounds							Qvalue
6) Aniline	6.46	93	3473649	159.65	ng		98
8) 2-Chlorophenol	6.59	128	149914	11.60	ng		93
12) 1,3-Dichlorobenzene	6.74	146	167733	11.51	ng	#	86
13) 1,4-Dichlorobenzene	6.82	146	753532	49.69	ng		95
14) 1,2-Dichlorobenzene	6.98	146	1046637	75.90	ng		96
24) Nitrobenzene	7.38	77	363942	21.34	ng		89
31) Naphthalene	8.06	128	1029667m	25.72	ng		
33) 4-Chloroaniline	8.13	127	299228	17.34	ng		95
49) Dimethylphthalate	9.56	163	59269	2.08	ng		98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082903.D
Acq On : 13 Nov 2015 18:01
Operator : UM/IZ
Sample : G4403-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 13 23:05:49 2015
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Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
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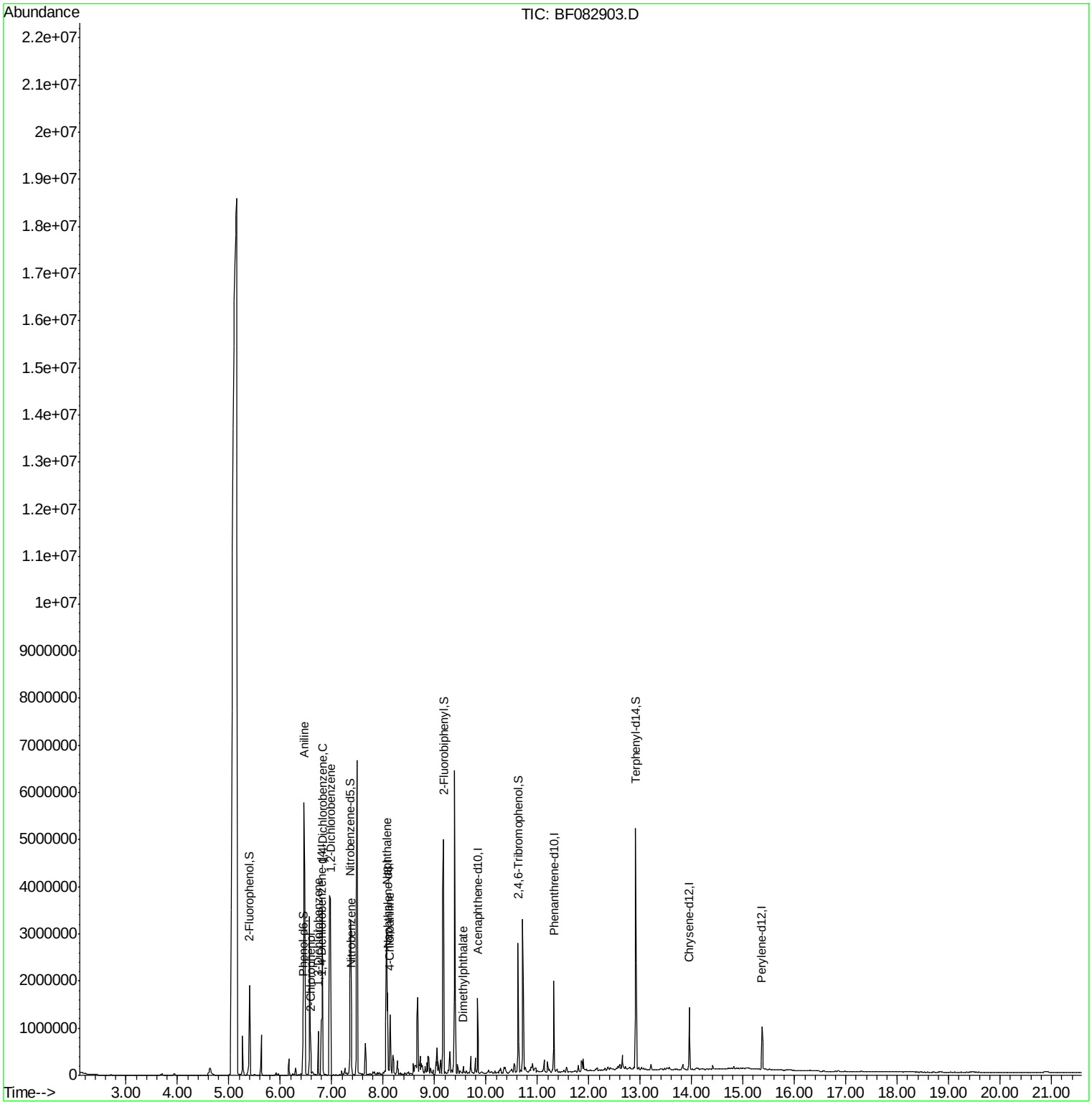
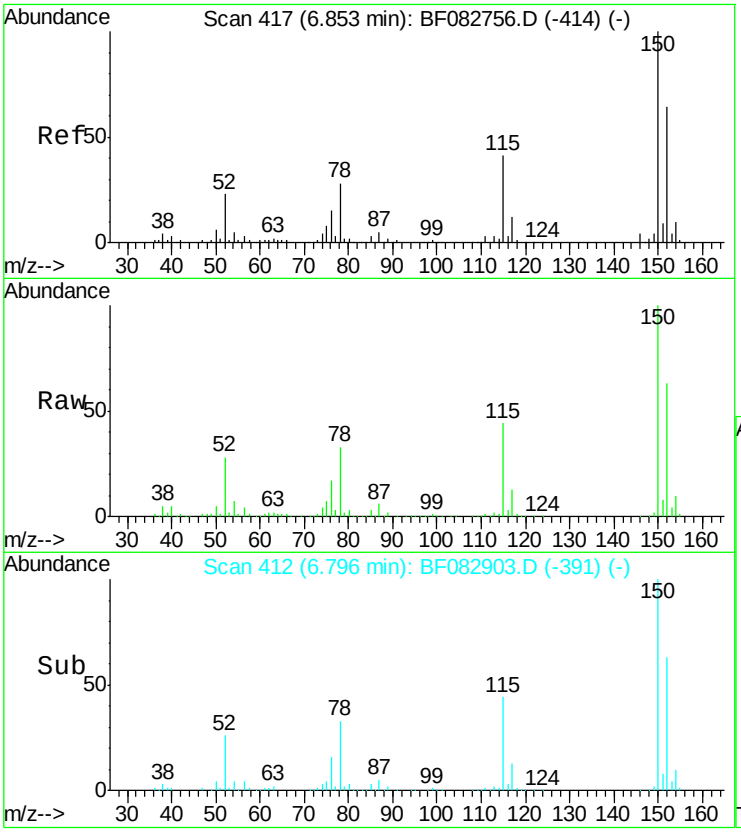
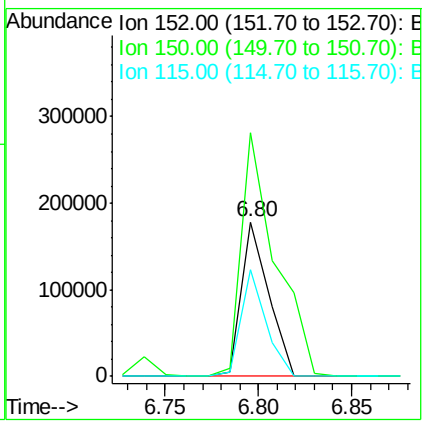




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:152 Resp: 181373

Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.0	190.4
115	69.2	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
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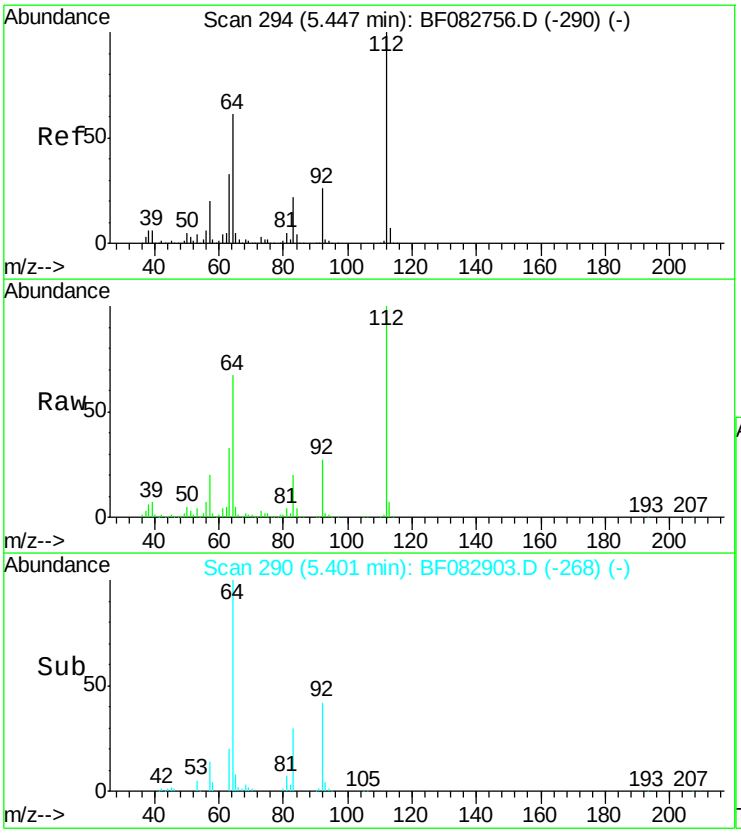
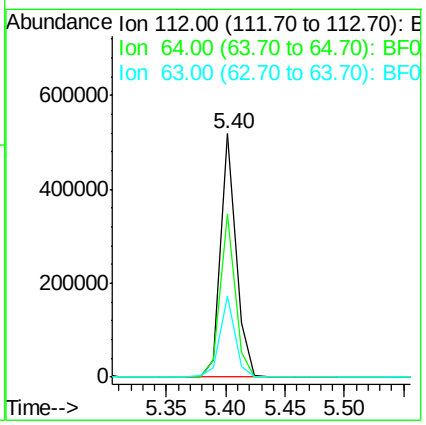
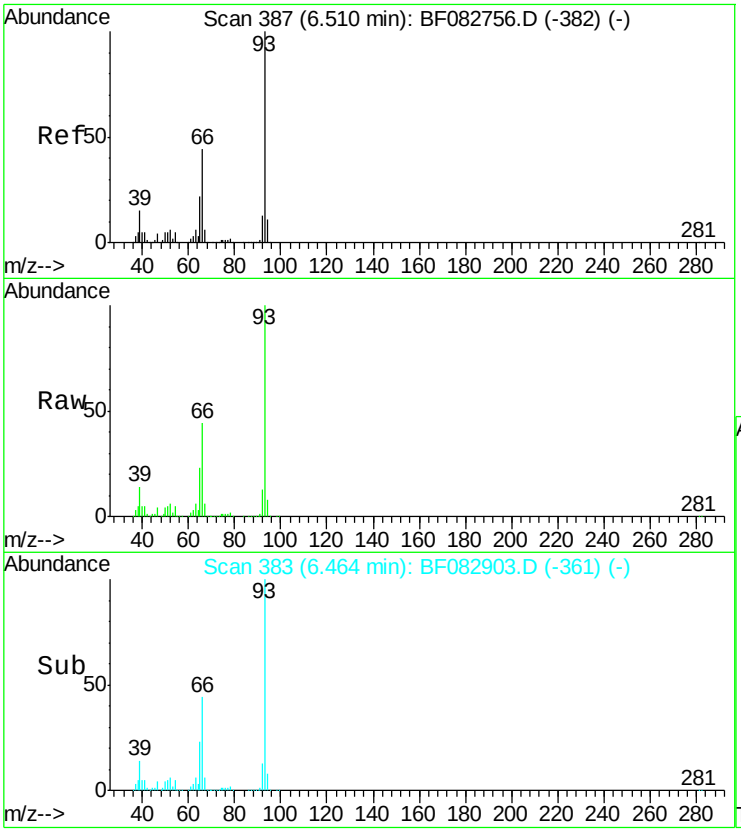


#5
2-Fluorophenol
Concen: 39.75 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.05 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:112 Resp: 463324

Ion	Ratio	Lower	Upper
112	100		
64	66.8	48.9	73.3
63	33.3	28.1	42.1

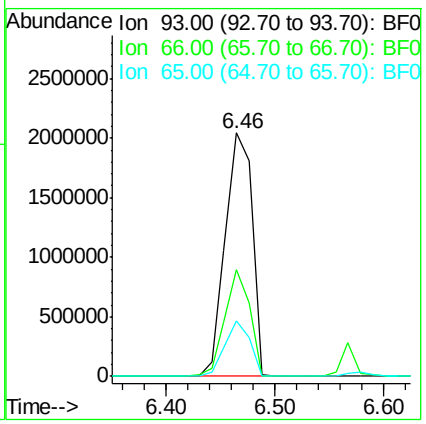




#6
Aniline
Concen: 159.65 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion: 93 Resp: 3473649

Ion	Ratio	Lower	Upper
93	100		
66	43.6	33.6	50.4
65	23.0	18.1	27.1



Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
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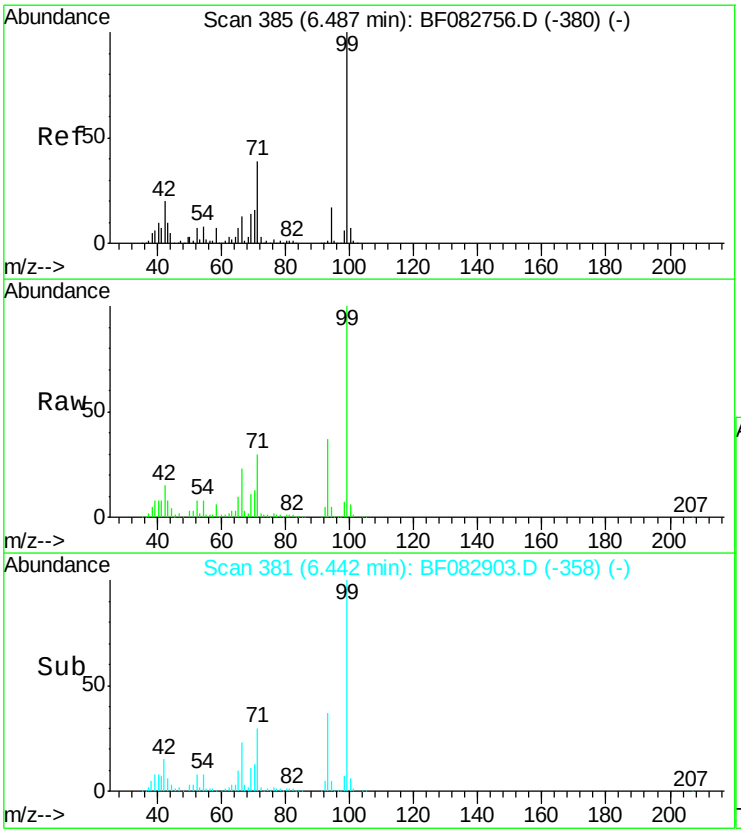
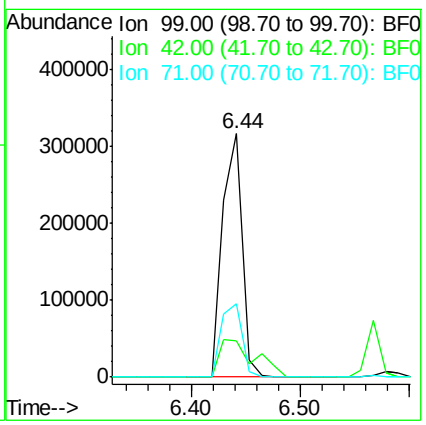
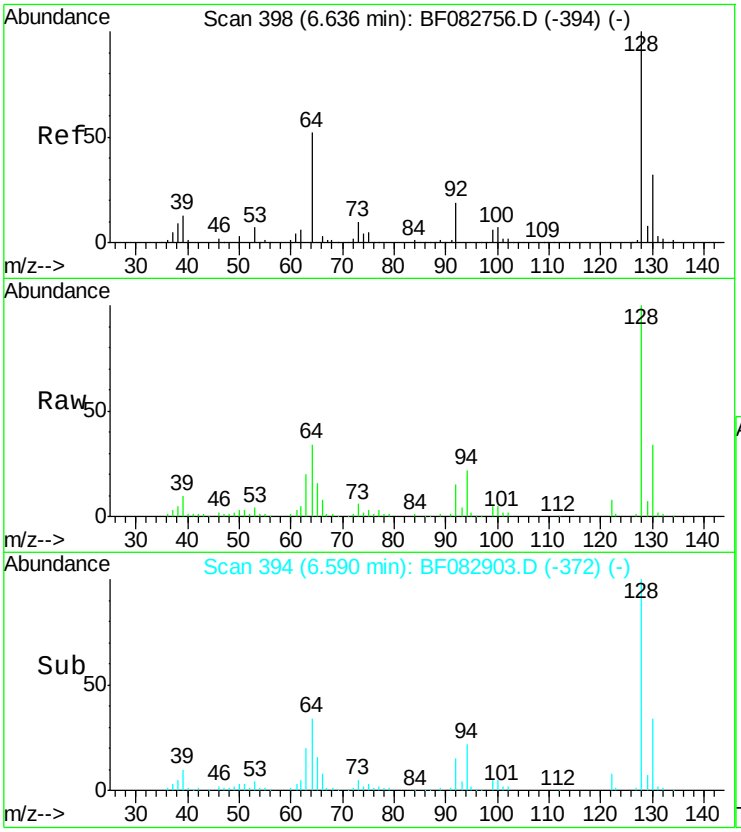


#7
Phenol-d6
Concen: 25.41 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.03 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion: 99 Resp: 393771

Ion	Ratio	Lower	Upper
99	100		
42	15.0	19.2	28.8#
71	30.0	35.0	52.4#

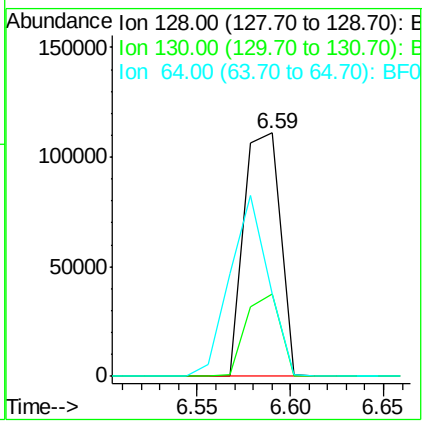




#8
2-Chlorophenol
Concen: 11.60 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.05 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:128 Resp: 149914

Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.5	53.5
64	33.9	21.1	61.1



Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
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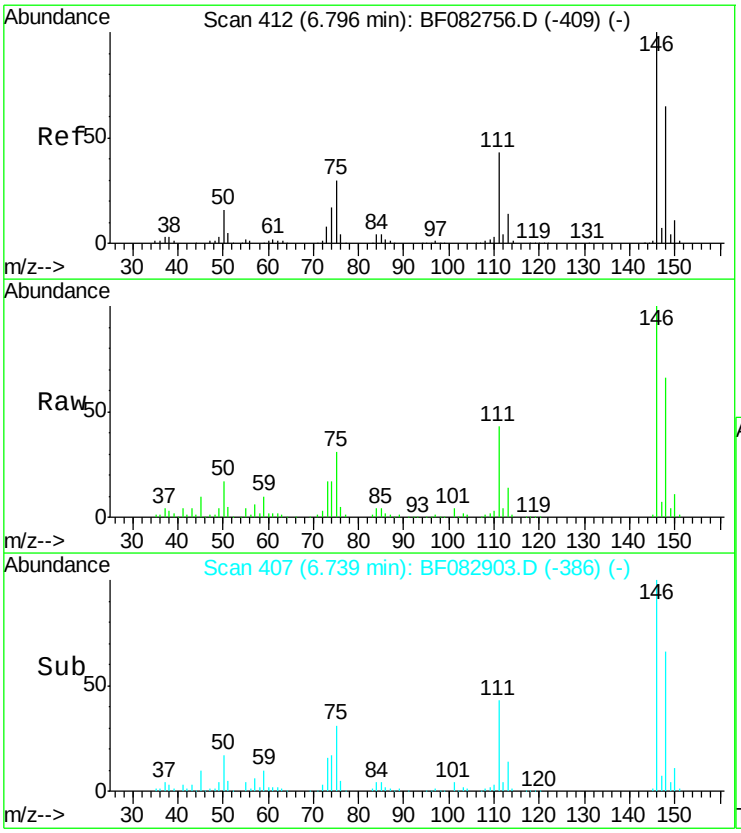
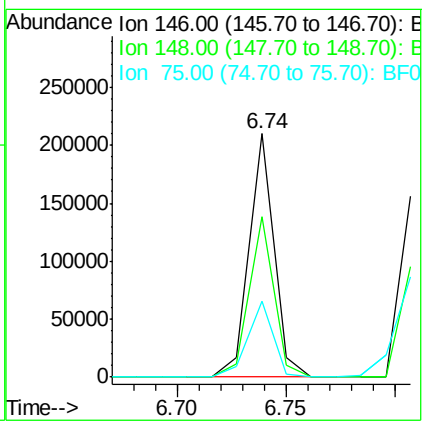
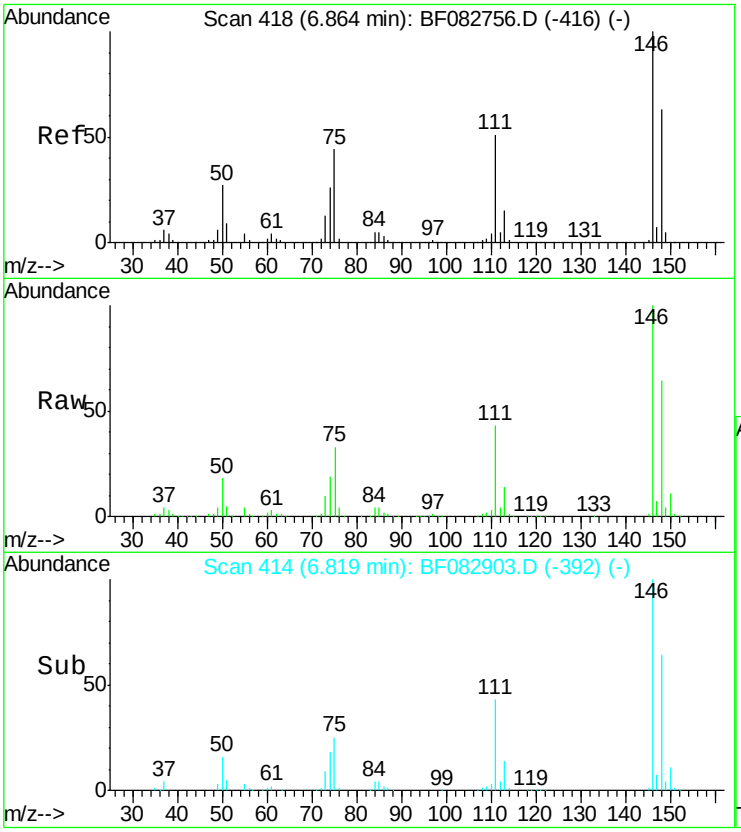


#12
1,3-Dichlorobenzene
Concen: 11.51 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.06 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:146 Resp: 167733

Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.5	75.7
75	31.2	39.5	59.3#

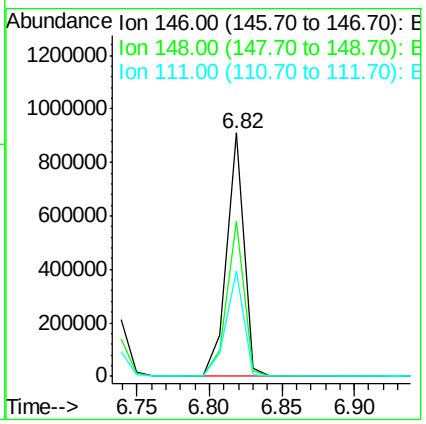




#13
1,4-Dichlorobenzene
Concen: 49.69 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.05 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:146 Resp: 753532

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	43.1	40.6	60.8



Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
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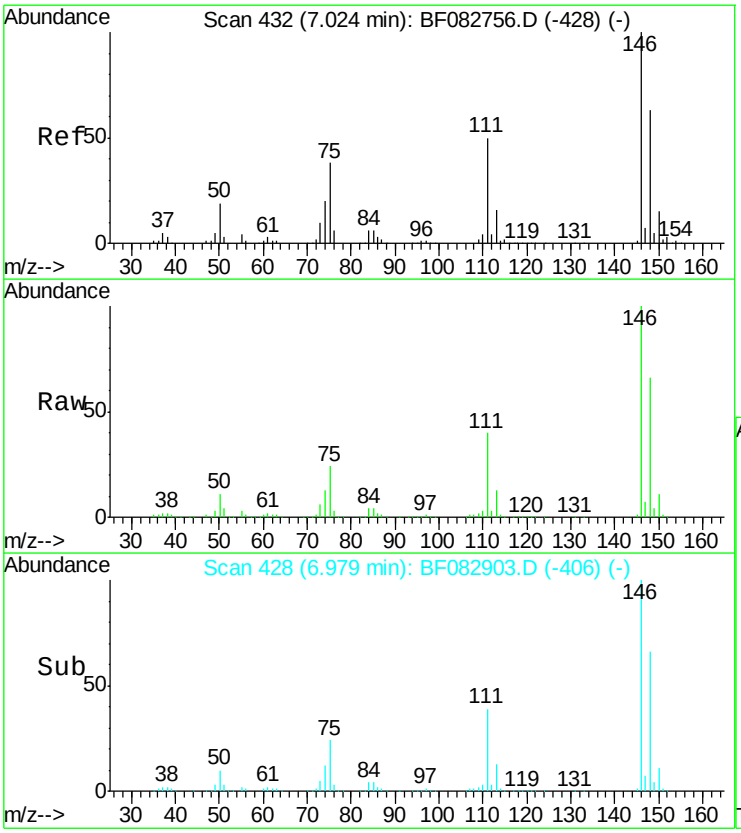
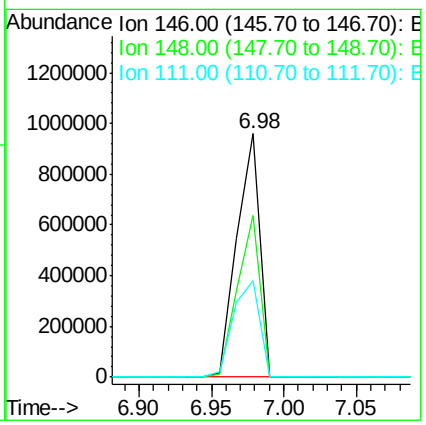
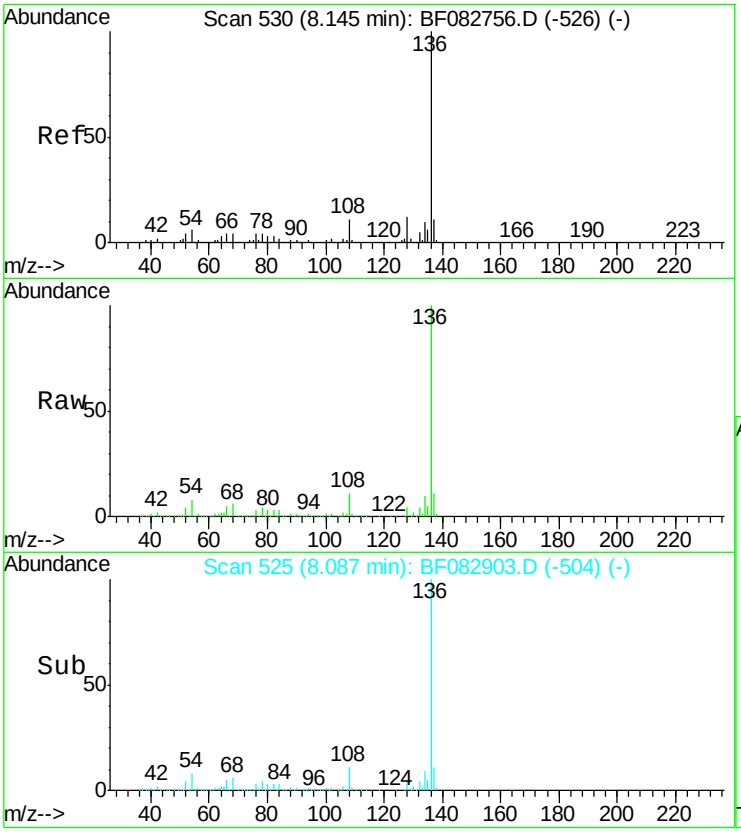


#14
1,2-Dichlorobenzene
Concen: 75.90 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:146 Resp: 1046637

Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.2	78.4
111	39.8	36.6	55.0

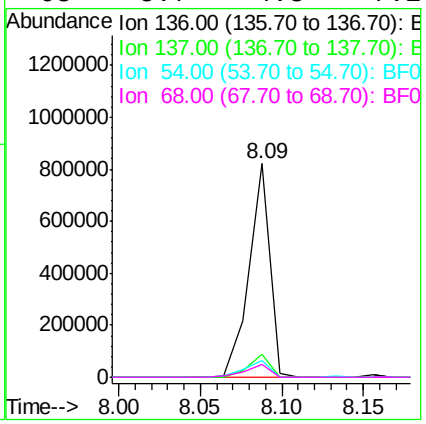




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:136 Resp: 725673

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.6	9.1	13.7#
68	5.7	4.8	7.2



Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
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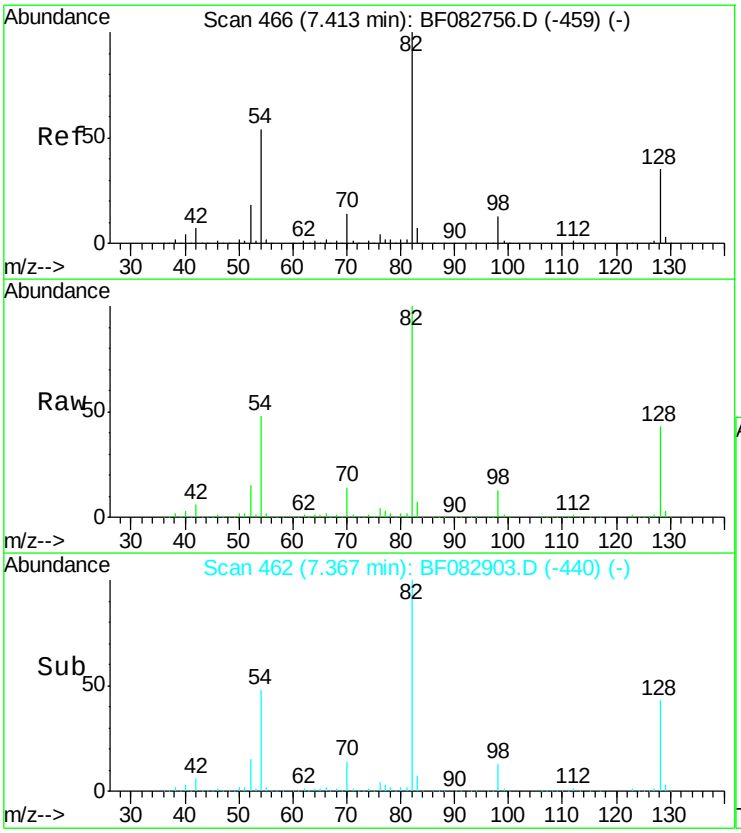
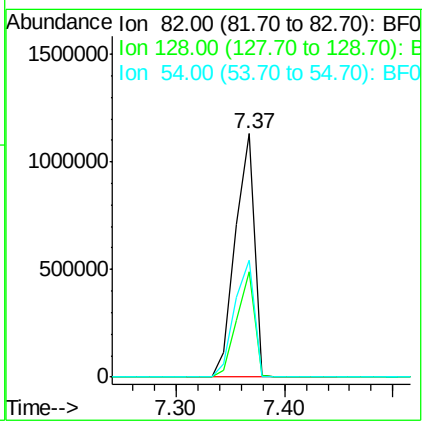
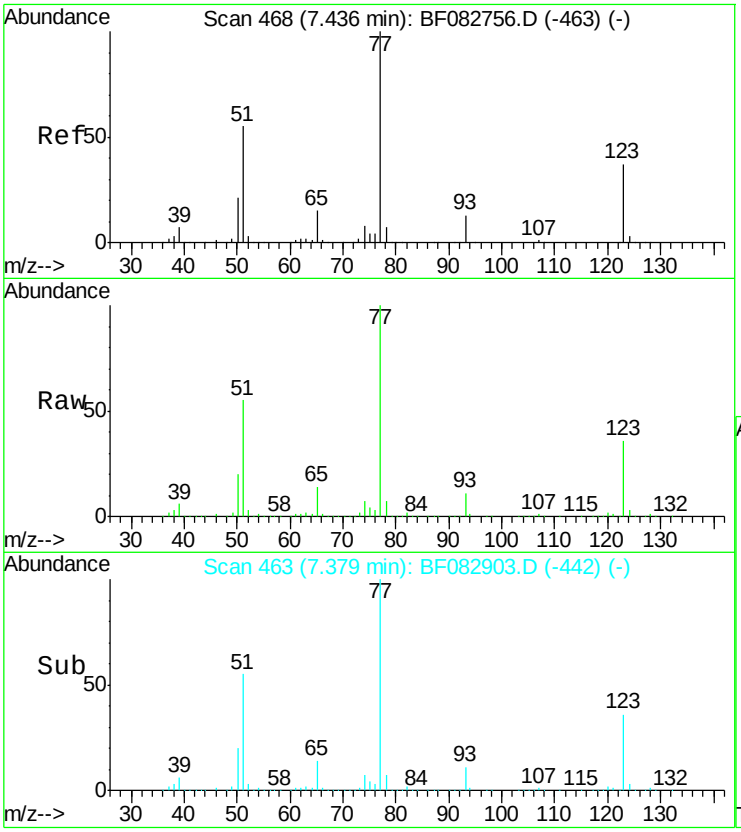


#23
Nitrobenzene-d5
Concen: 80.89 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion: 82 Resp: 1349108

Ion	Ratio	Lower	Upper
82	100		
128	43.3	26.8	40.2#
54	47.9	45.7	68.5

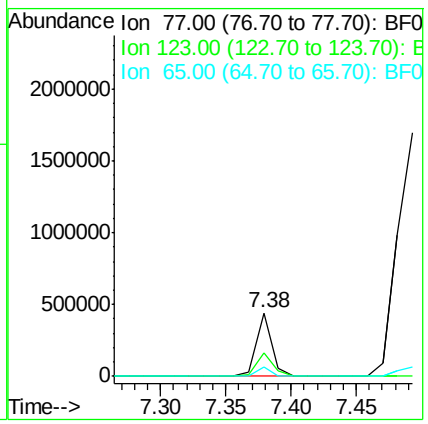




#24
Nitrobenzene
Concen: 21.34 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.06 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion: 77 Resp: 363942

Ion	Ratio	Lower	Upper
77	100		
123	36.5	36.4	54.6
65	13.9	11.5	17.3



Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
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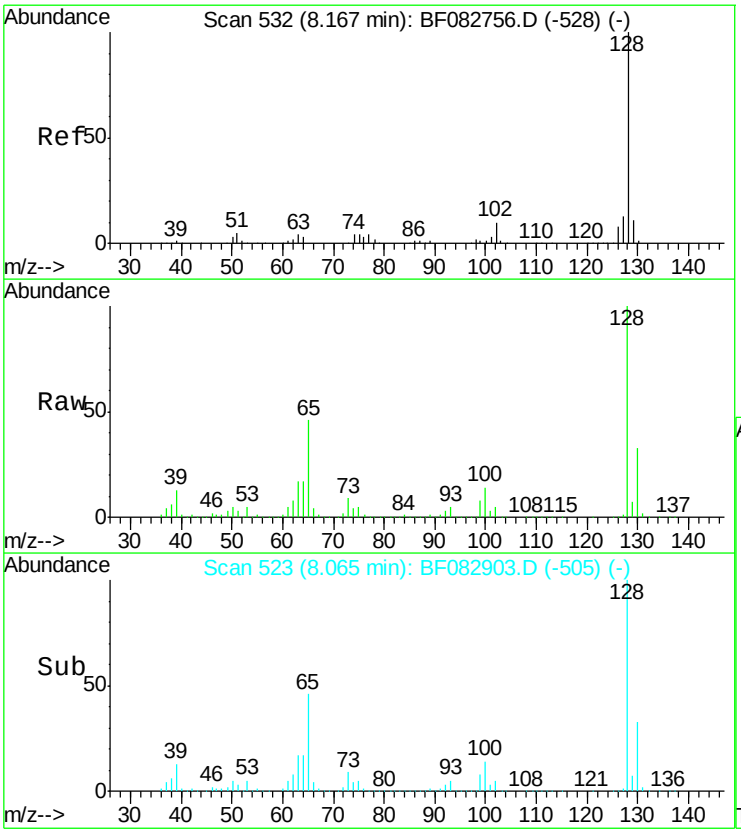
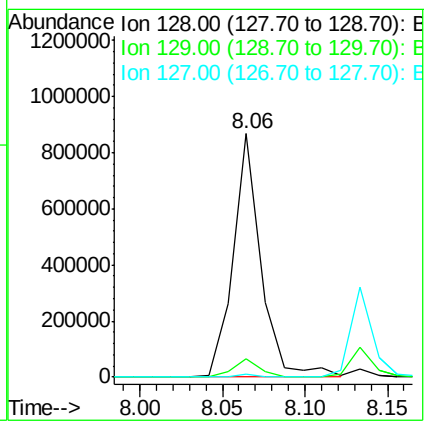
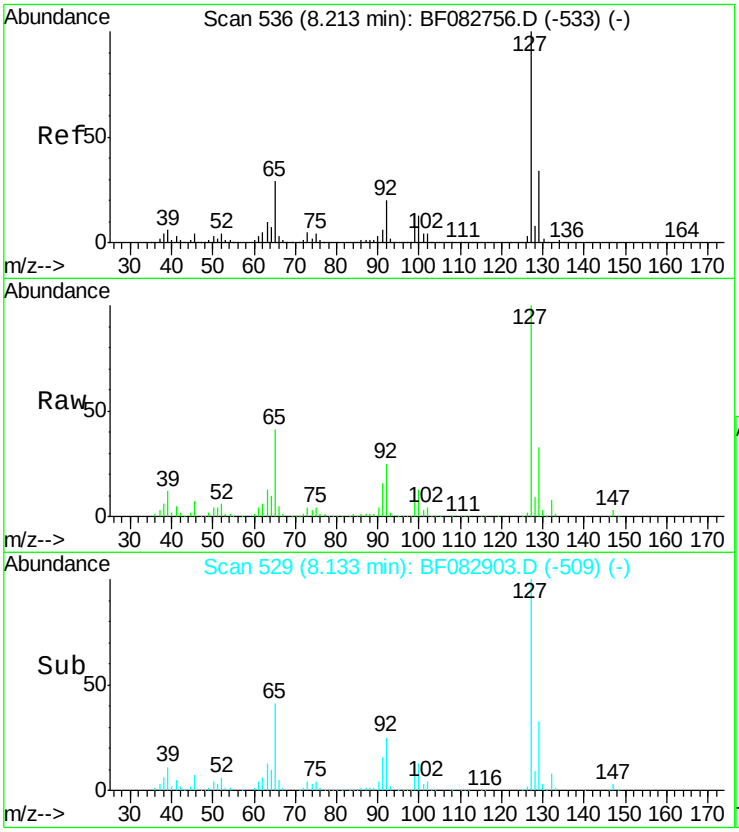


#31
Naphthalene
Concen: 25.72 ng m
RT: 8.06 min Scan# 523
Delta R.T. -0.09 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:128 Resp: 1029667

Ion	Ratio	Lower	Upper
128	100		
129	7.3	9.5	14.3#
127	1.2	11.4	17.0#

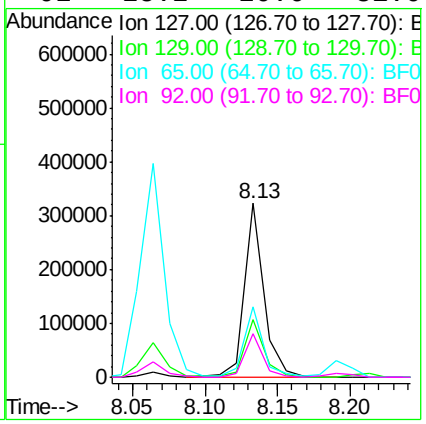




#33
4-Chloroaniline
Concen: 17.34 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.07 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:127 Resp: 299228

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	40.9	37.8	56.8
92	25.2	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
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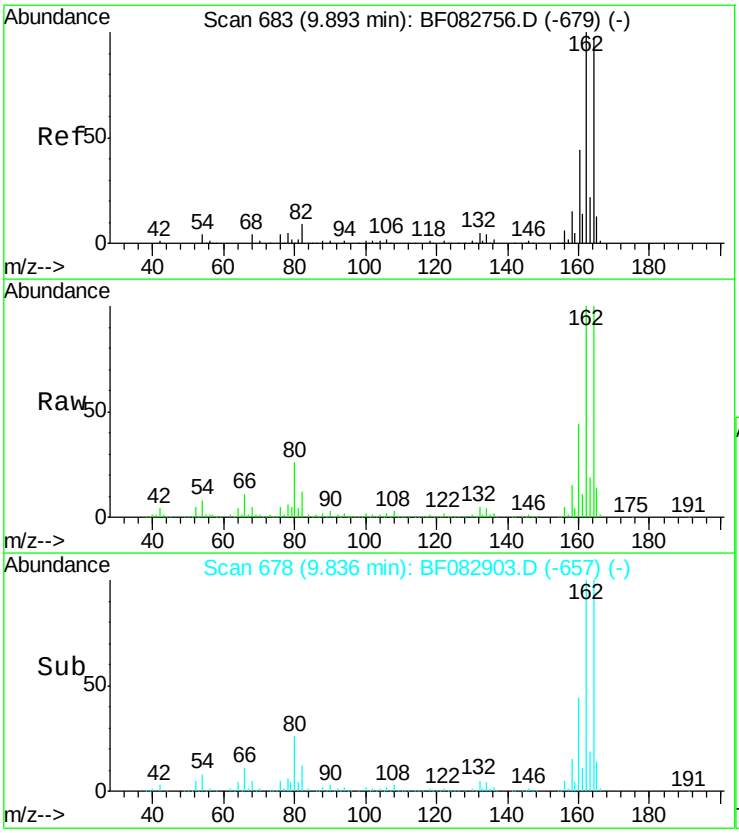
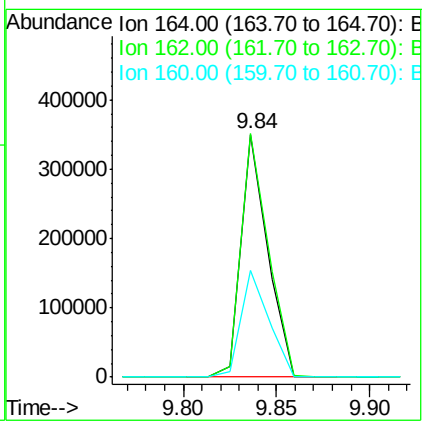
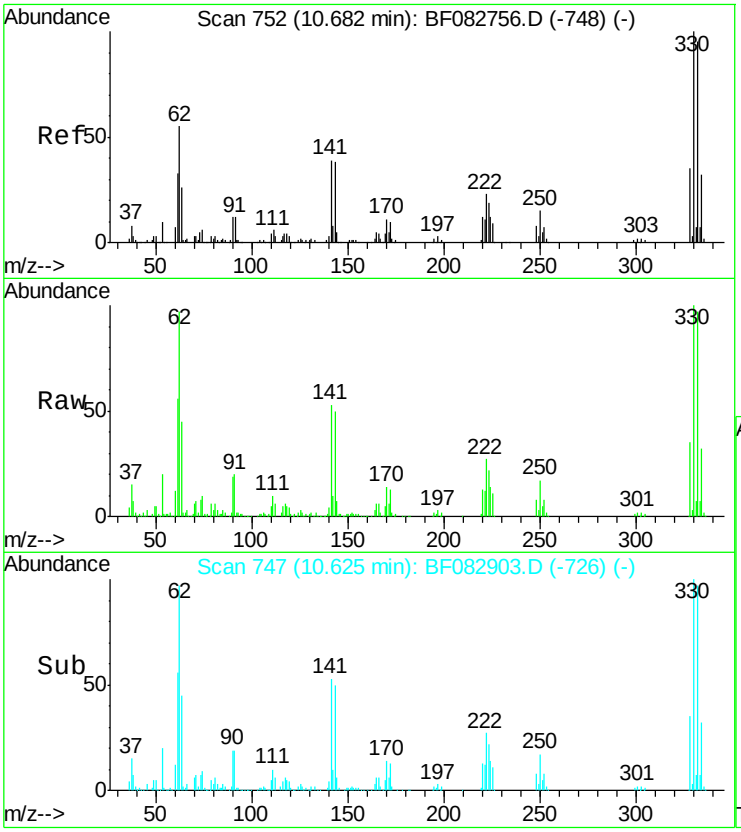


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:164 Resp: 347356

Ion	Ratio	Lower	Upper
164	100		
162	100.3	84.9	127.3
160	43.7	37.5	56.3

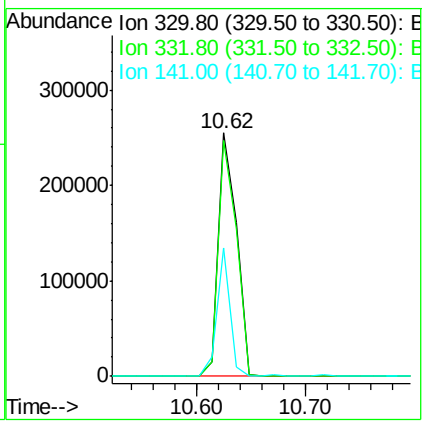




#41
2,4,6-Tribromophenol
Concen: 75.23 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.06 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:330 Resp: 299607

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	38.5	41.2	61.8#



Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
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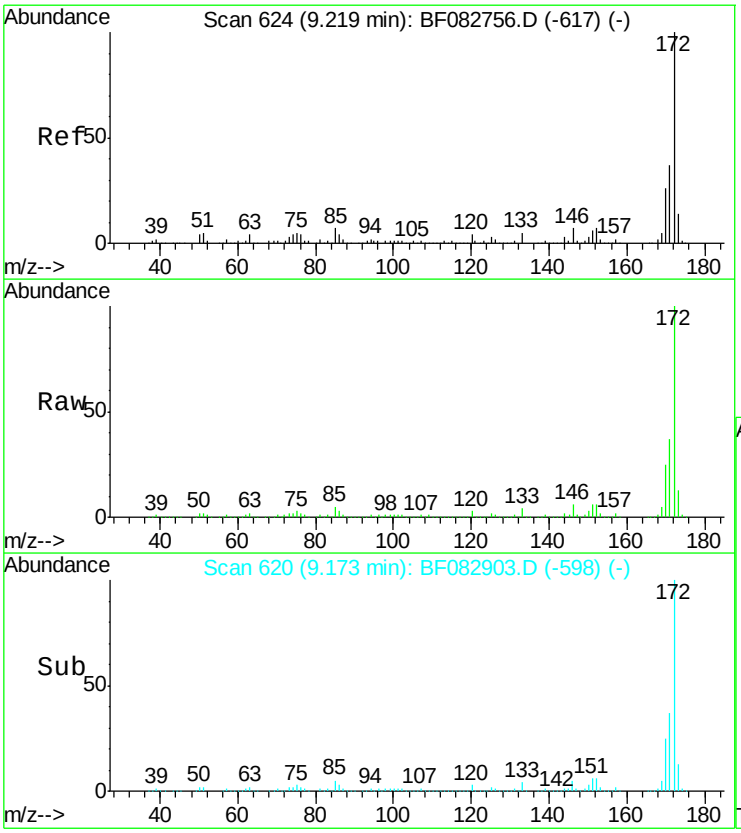
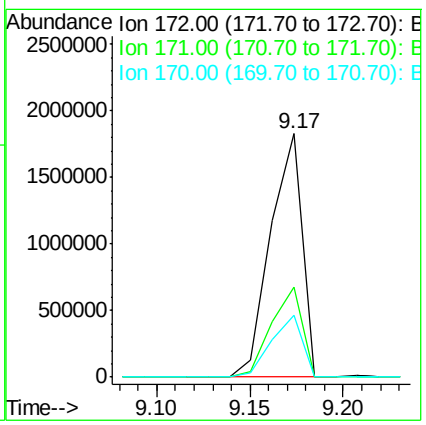
11/16/2015 12:44:01 PM

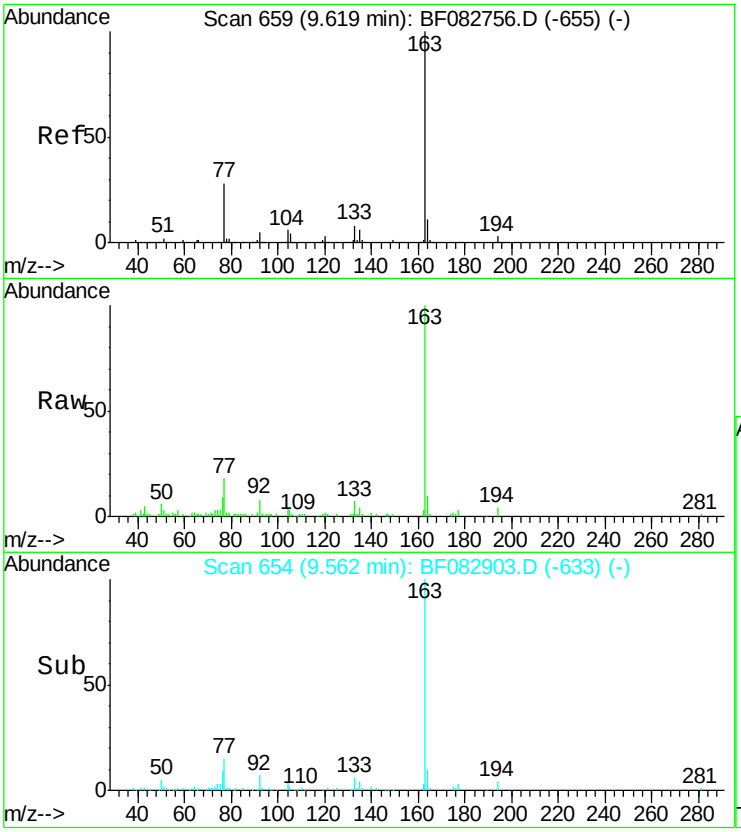


#44
2-Fluorobiphenyl
Concen: 88.81 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:172 Resp: 2152479

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	25.2	21.2	31.8

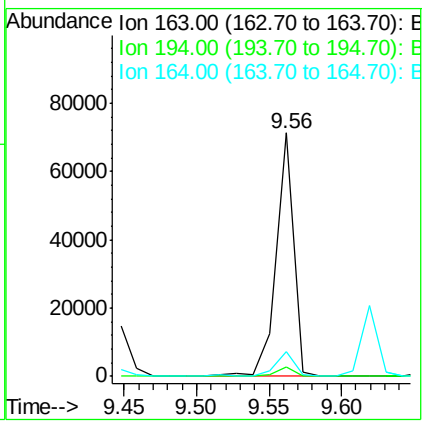




#49
Dimethylphthalate
Concen: 2.08 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:163 Resp: 59269

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.0	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

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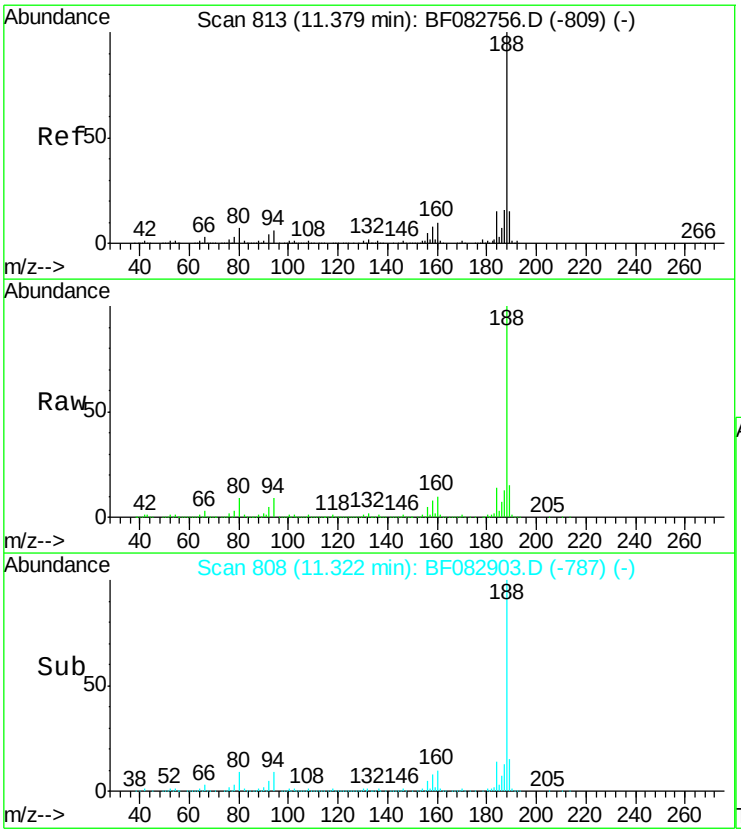
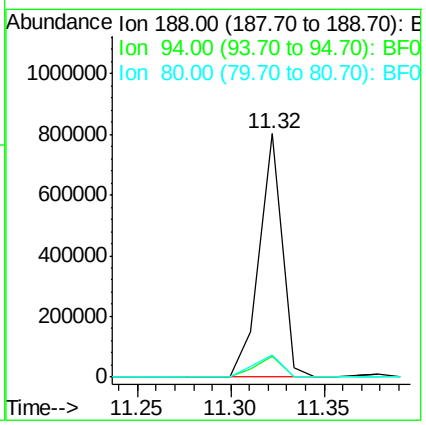
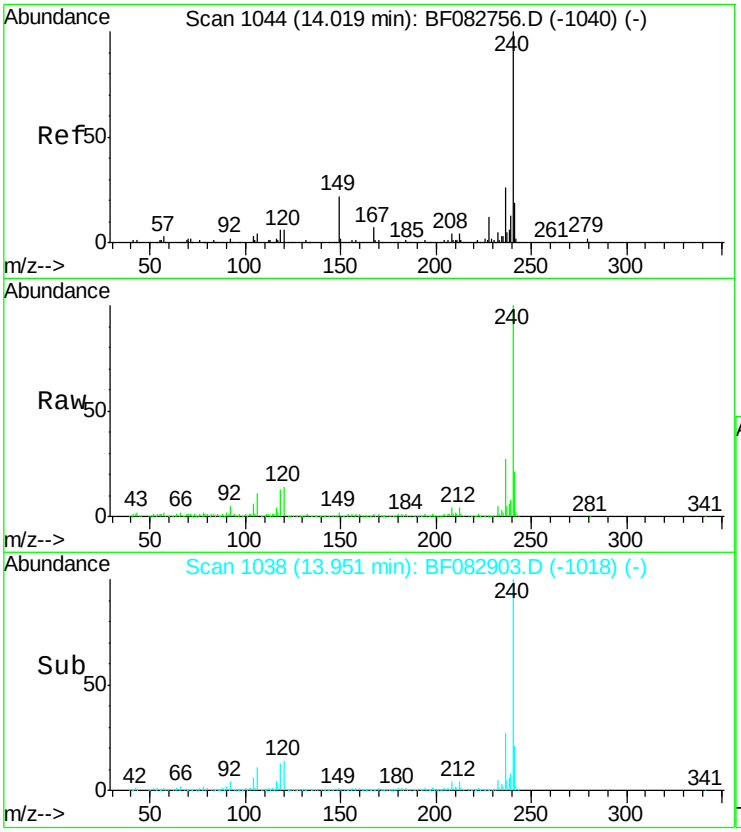


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:188 Resp: 677397

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.1	9.1
80	9.3	7.0	10.6

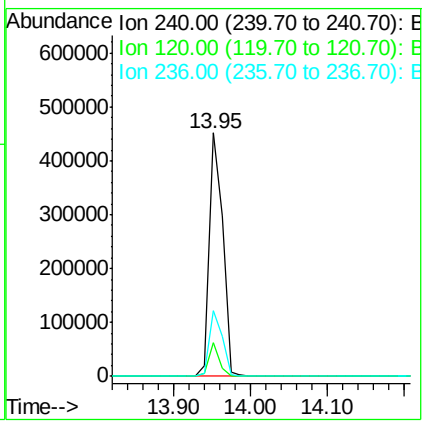




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.07 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:240 Resp: 538729

Ion	Ratio	Lower	Upper
240	100		
120	13.7	10.9	16.3
236	26.8	21.6	32.4



Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
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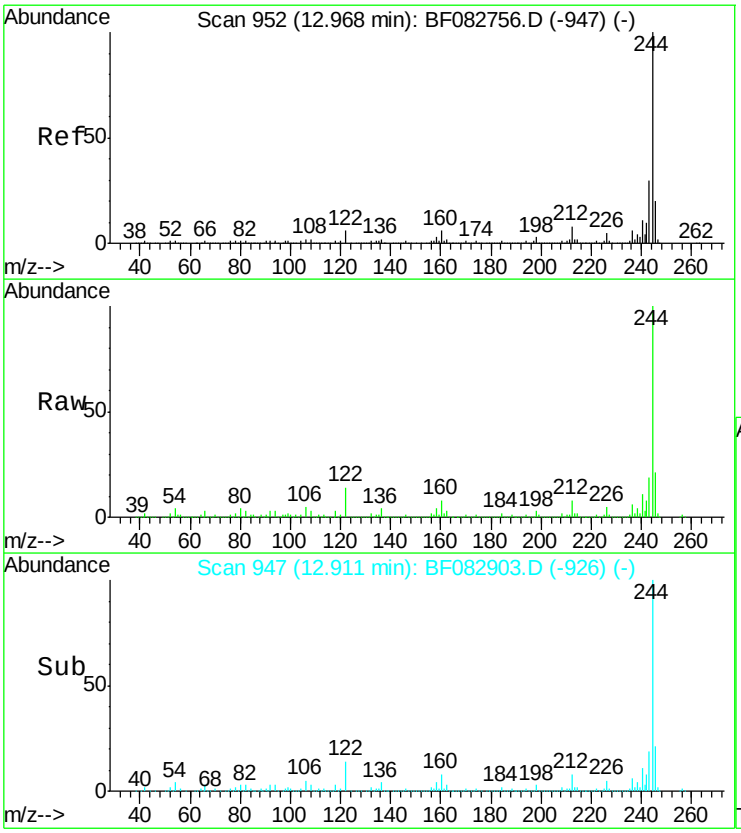
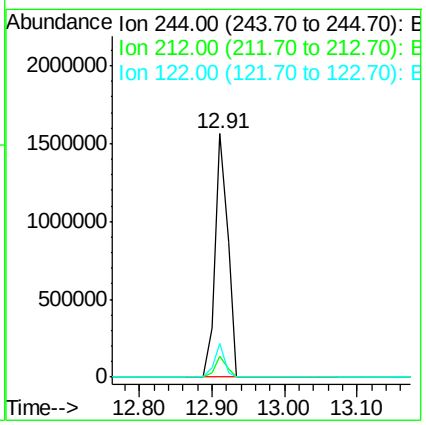
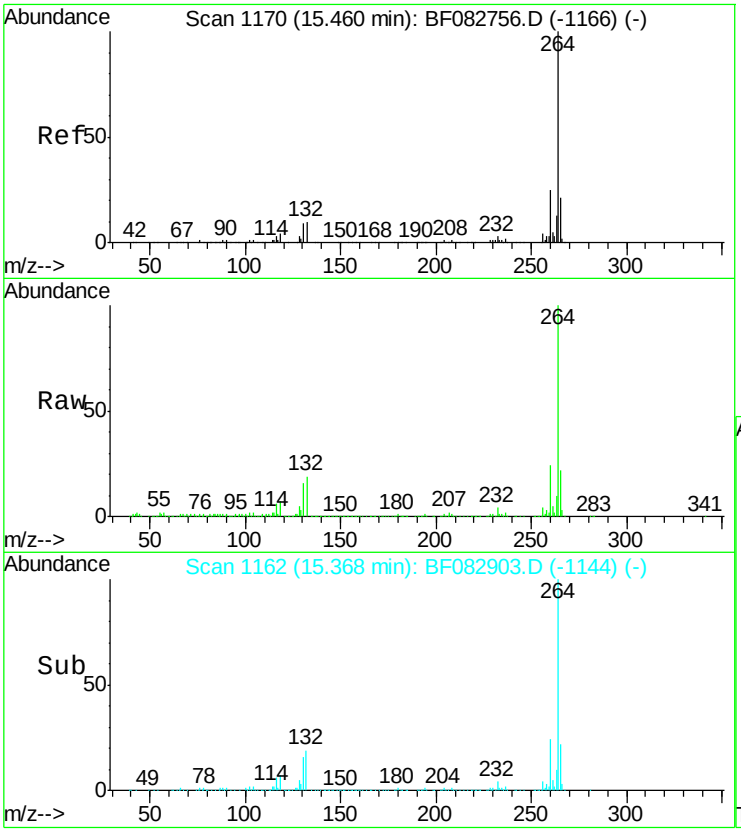


#78
Terphenyl-d14
Concen: 83.46 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.06 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:244 Resp: 1895726

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.6	11.4
122	14.0	11.3	16.9

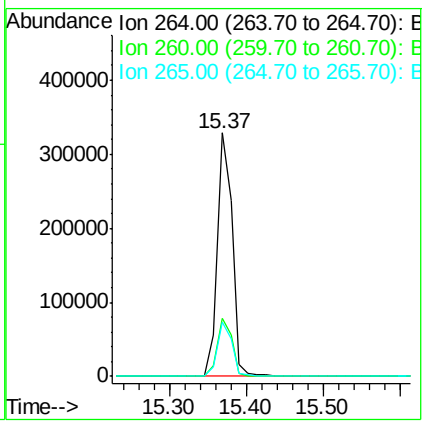




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.09 min
Lab File: BF082903.D
Acq: 13 Nov 2015 18:01

Tgt Ion:264 Resp: 447658

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	22.2	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015

Manual Integrations APPROVED
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