Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081405.D
Acq On : 4 Sep 2015 6:21
Operator : UM/IZ
Sample : G3505-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P005-BF002-01

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:51:36 PM

Quant Time: Sep 04 07:39:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	59208	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	234318	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	102985	20.00	ng	-0.02
63) Phenanthrene-d10	10.87	188	204195	20.00	ng	-0.01
75) Chrysene-d12	13.47	240	149425	20.00	ng	-0.02
86) Perylene-d12	14.78	264	97101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	338595	88.73	ng	-0.01
7) Phenol-d6	6.03	99	414585	82.07	ng	-0.02
23) Nitrobenzene-d5	6.95	82	320755	66.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	84801	92.48	ng	-0.02
44) 2-Fluorobiphenyl	8.74	172	527589	65.65	ng	-0.02
78) Terphenyl-d14	12.44	244	394243	61.42	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.14	163	96253	12.03	ng	# 97
74) Fluoranthene	12.06	202	41973	3.42	ng	90
77) Pyrene	12.27	202	34994m	3.16	ng	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081405.D
Acq On : 4 Sep 2015 6:21
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Sample : G3505-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 04 07:39:58 2015
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Manual Integrations APPROVED
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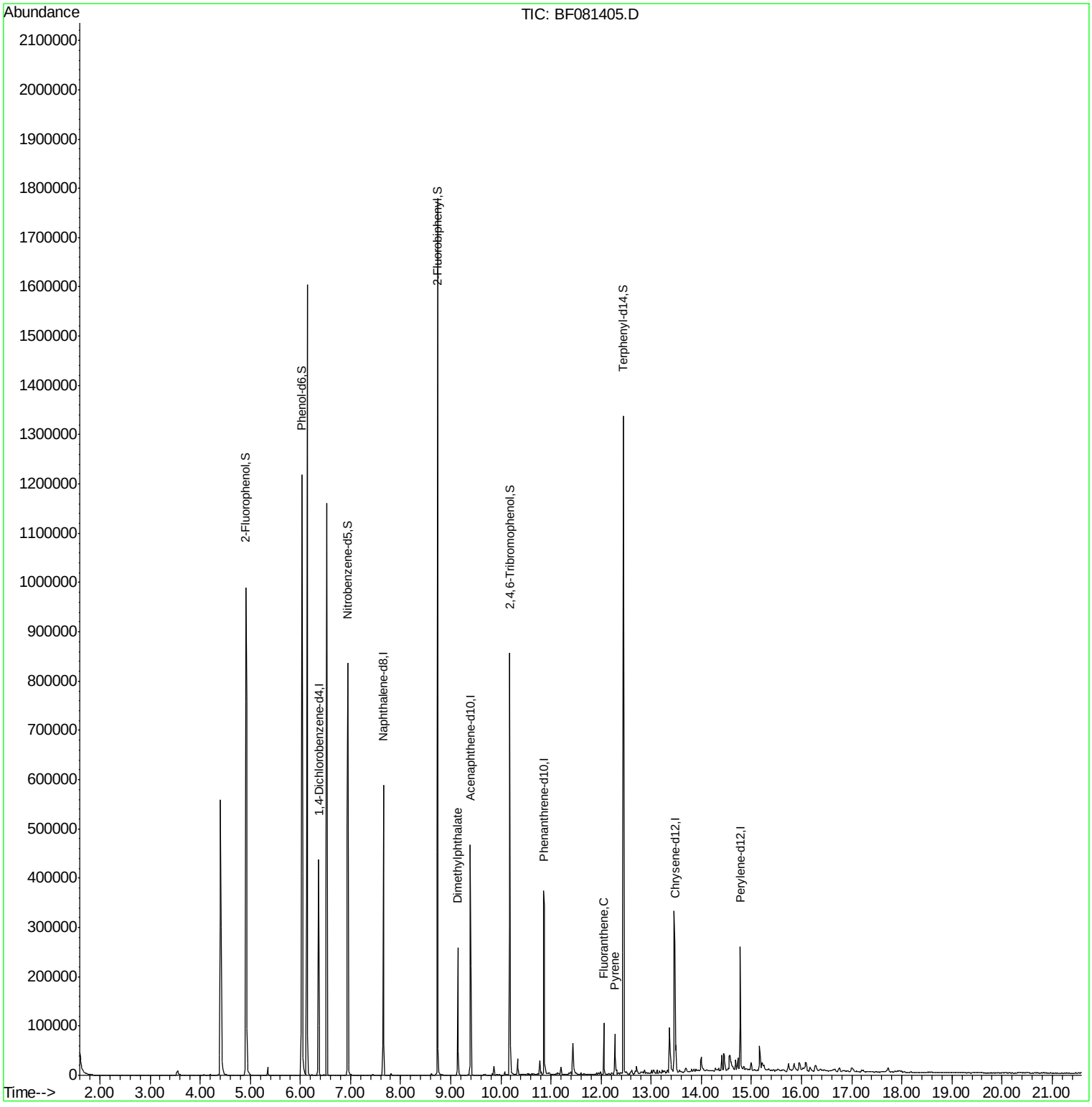
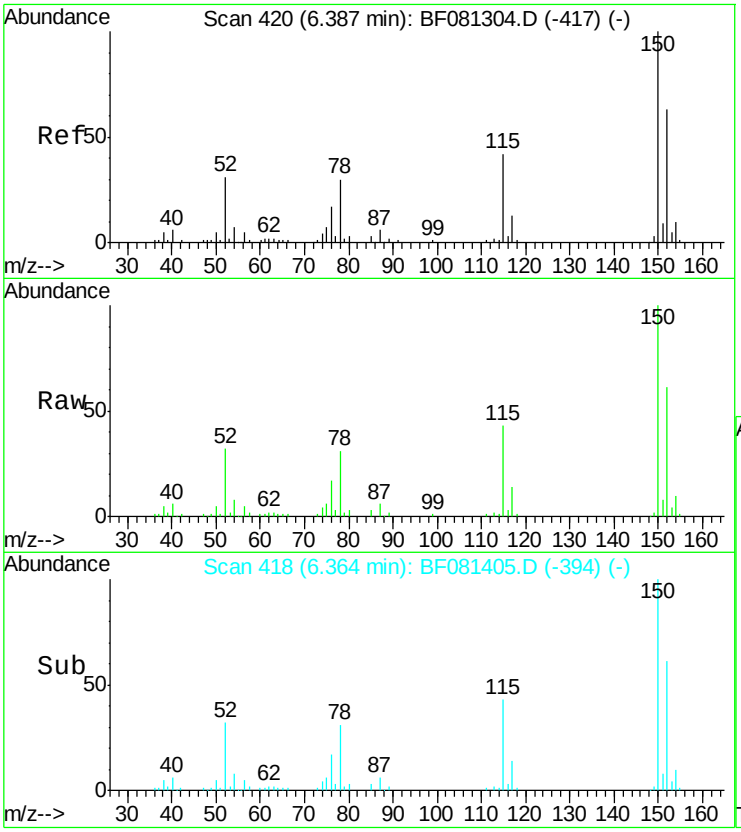
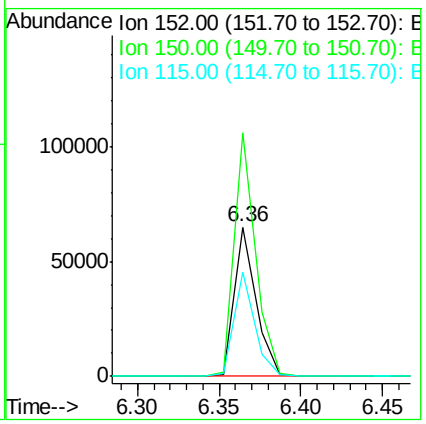




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:152 Resp: 59208

Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.7	187.1
115	69.8	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
P005-BF002-01

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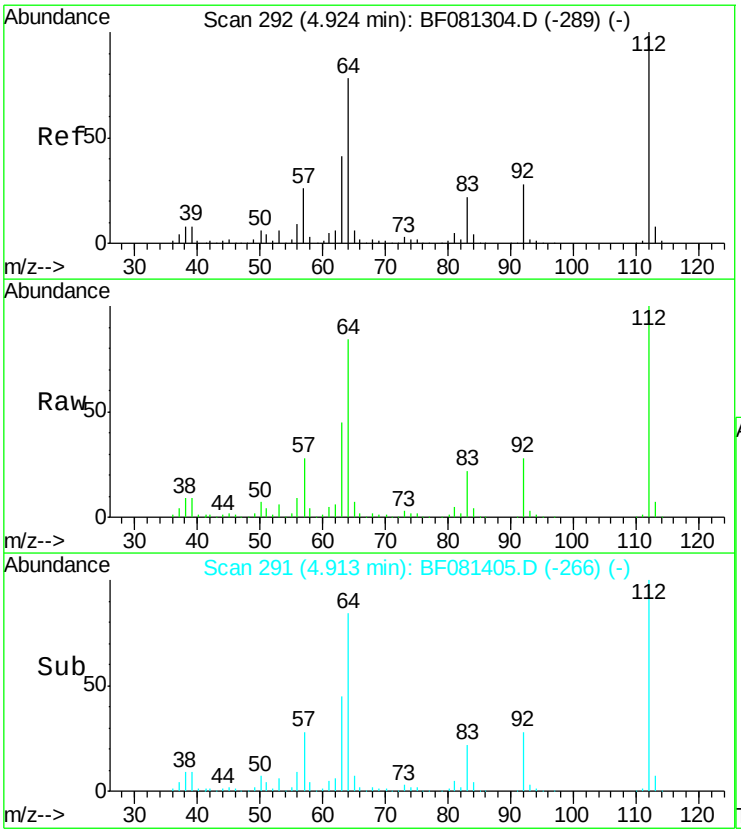
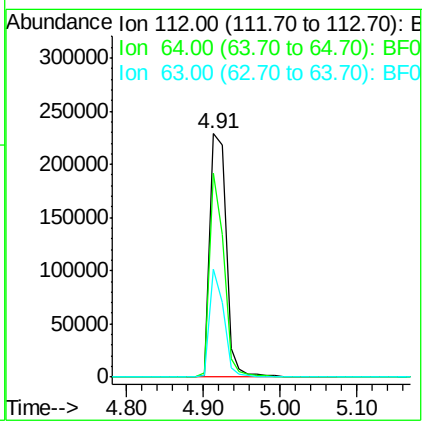
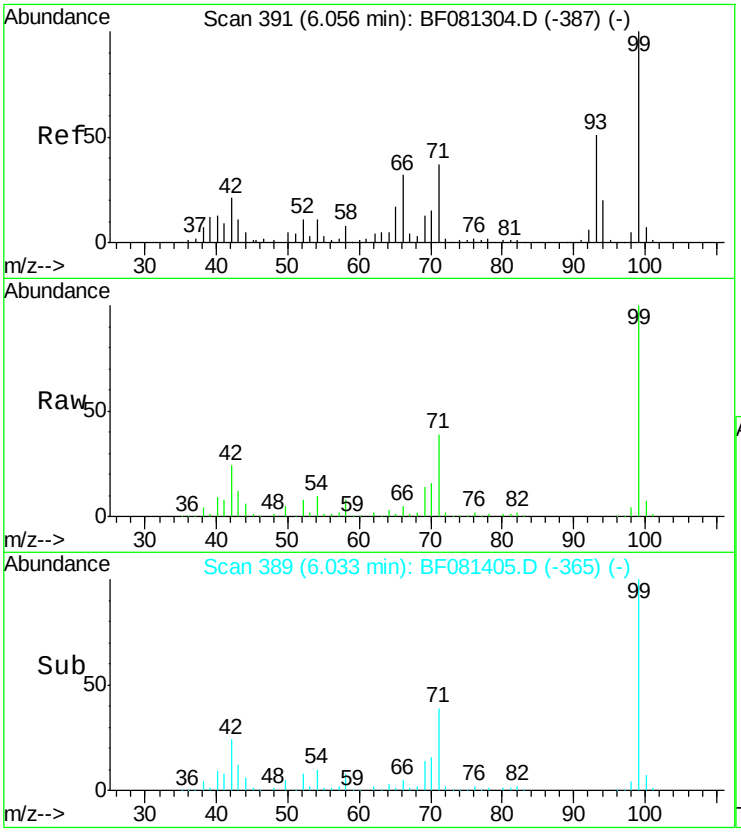


#5
2-Fluorophenol
Concen: 88.73 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:112 Resp: 338595

Ion	Ratio	Lower	Upper
112	100		
64	83.6	39.7	59.5#
63	44.6	17.4	26.0#





#7
Phenol-d6
Concen: 82.07 ng
RT: 6.03 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion: 99 Resp: 414585

Ion	Ratio	Lower	Upper
99	100		
42	23.7	13.7	20.5#
71	38.6	14.2	21.2#

Instrument :
BNA_F
ClientSampleId :
P005-BF002-01

Manual Integrations APPROVED
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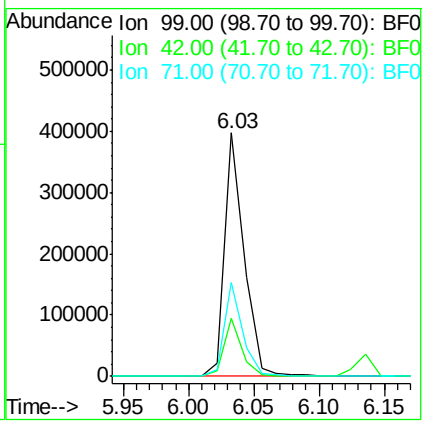
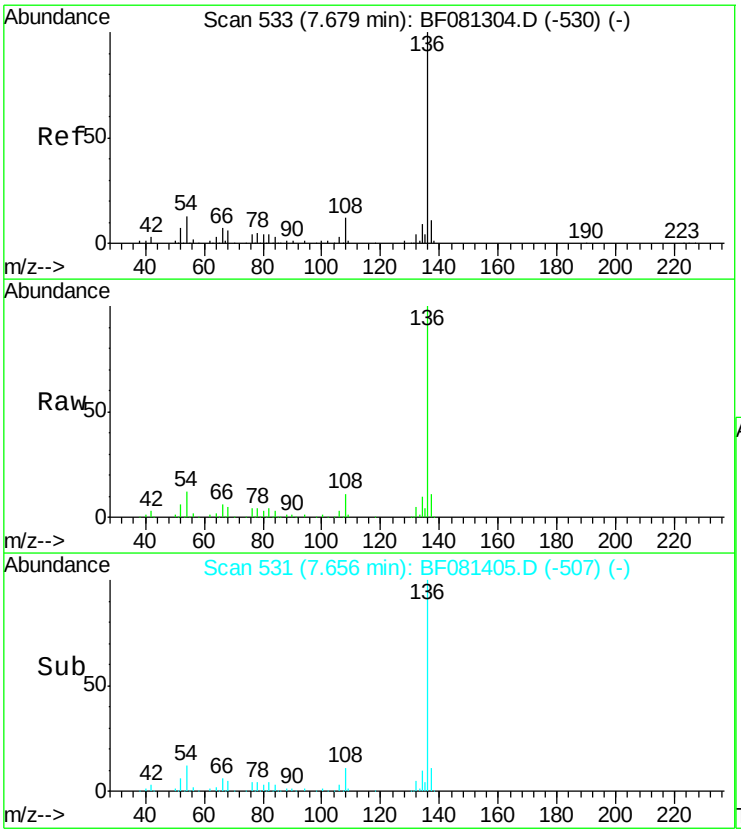
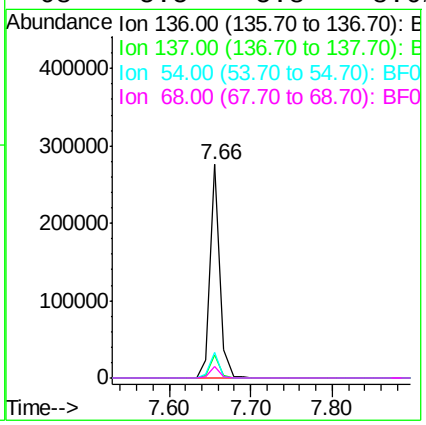


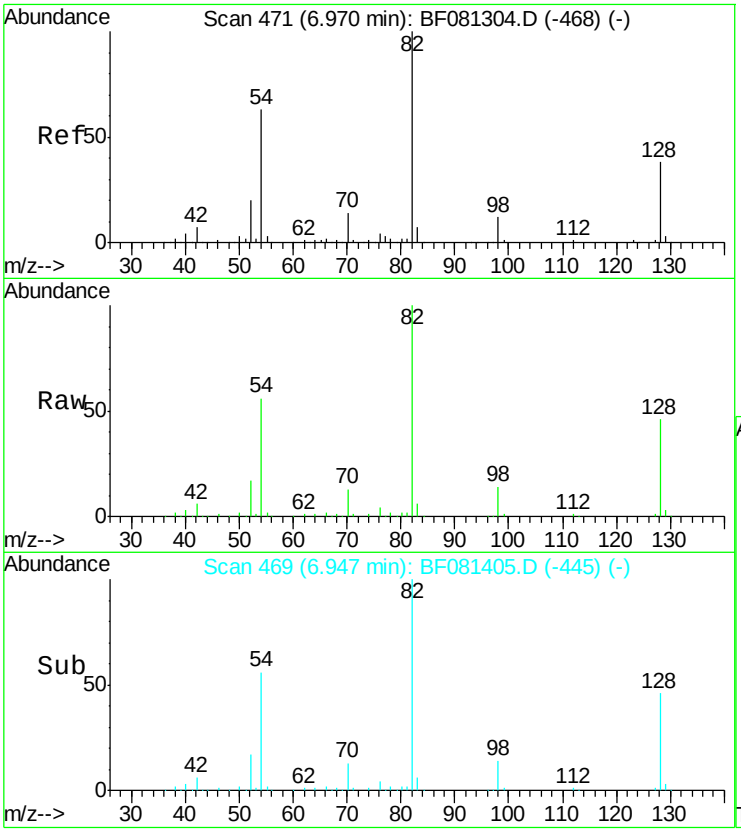


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:136 Resp: 234318

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	11.9	8.2	12.2
68	5.5	5.8	8.6#

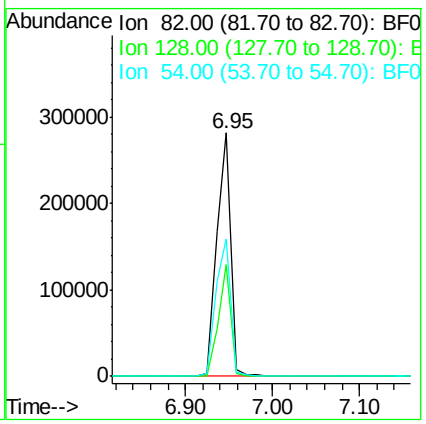




#23
Nitrobenzene-d5
Concen: 66.04 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion: 82 Resp: 320755

Ion	Ratio	Lower	Upper
82	100		
128	46.1	51.0	76.6#
54	56.5	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
P005-BF002-01

Manual Integrations APPROVED
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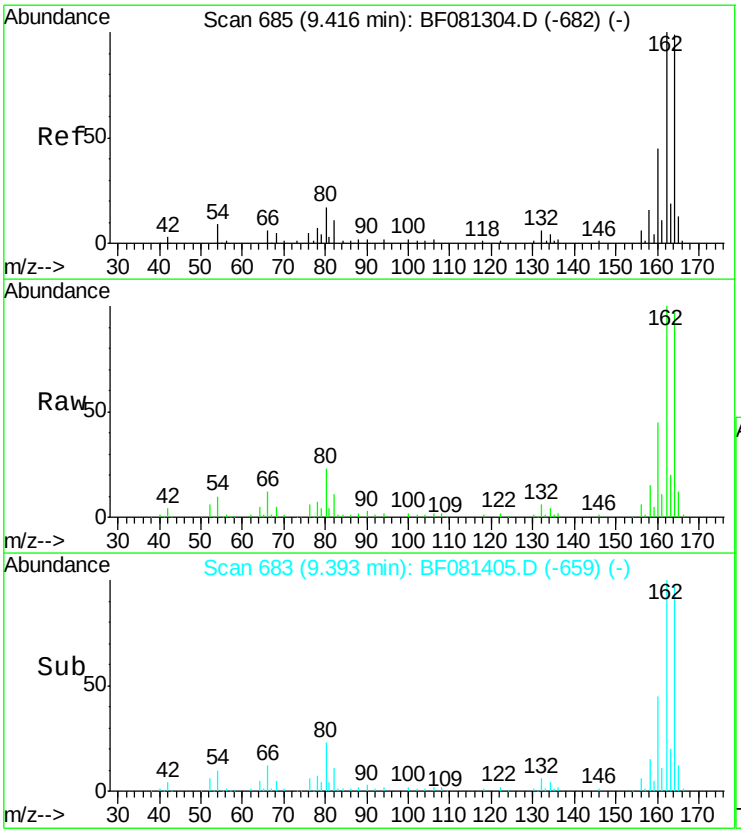
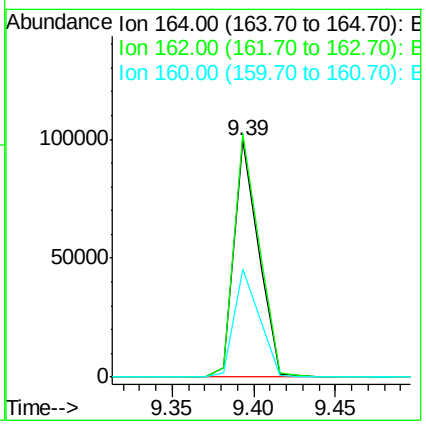
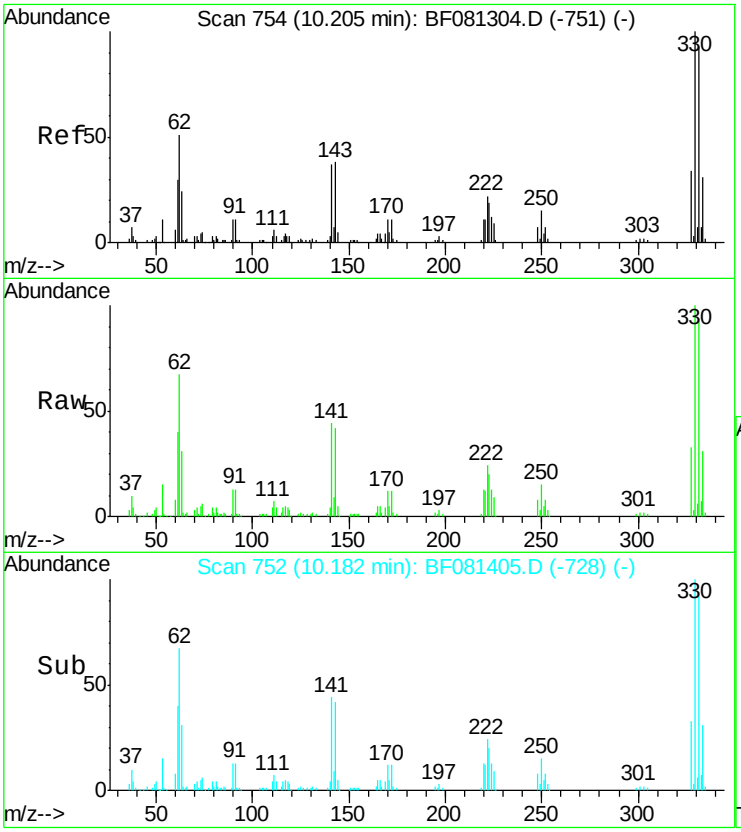


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:164 Resp: 102985

Ion	Ratio	Lower	Upper
164	100		
162	102.7	75.2	112.8
160	45.7	31.5	47.3

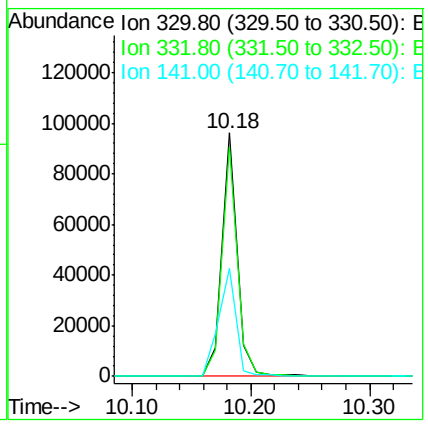




#41
2,4,6-Tribromophenol
Concen: 92.48 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:330 Resp: 84801

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	50.9	29.7	44.5#



Instrument :
BNA_F
ClientSampleId :
P005-BF002-01

Manual Integrations APPROVED
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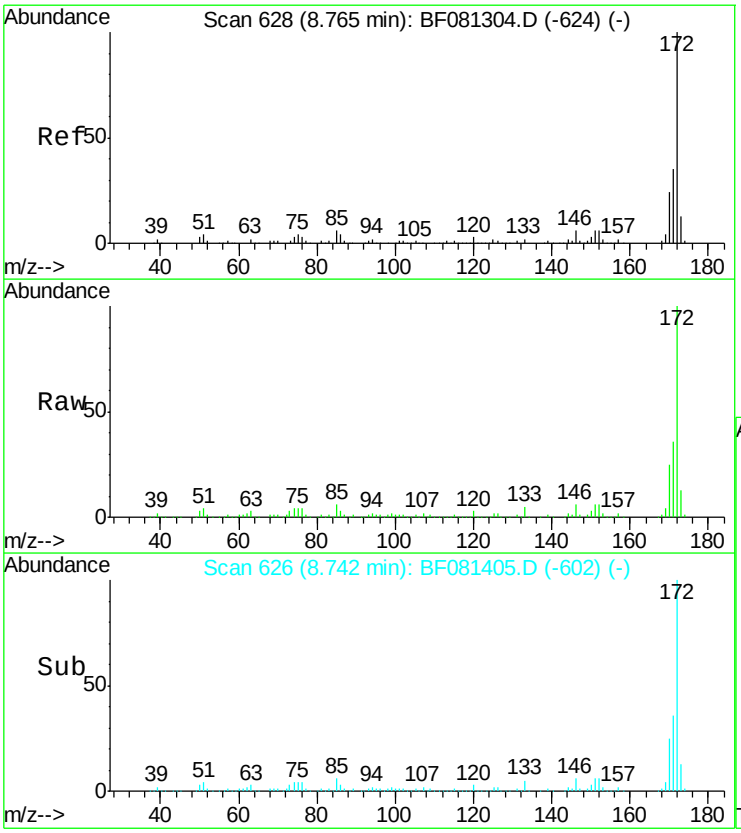
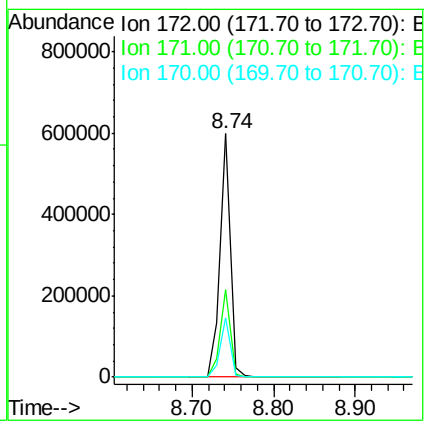
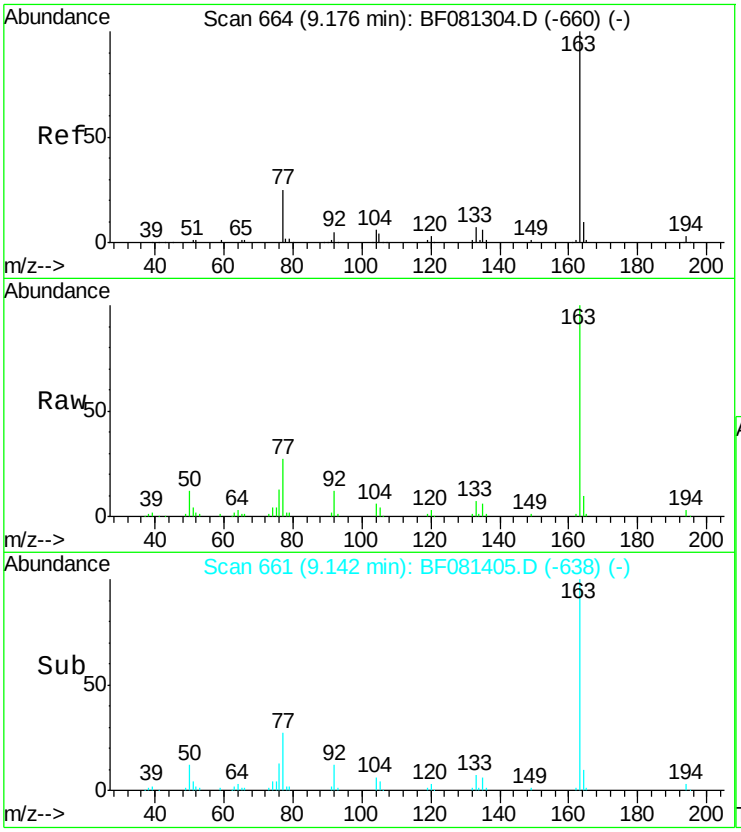


#44
2-Fluorobiphenyl
Concen: 65.65 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:172 Resp: 527589

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.6	17.4	26.2

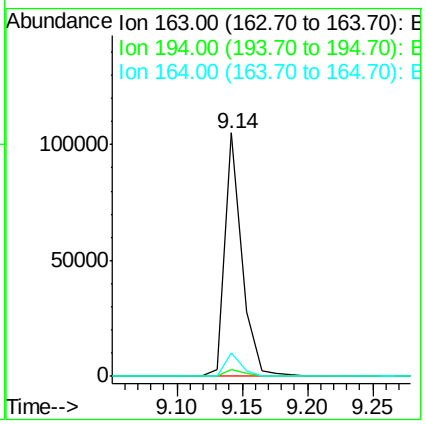




#49
Dimethylphthalate
Concen: 12.03 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:163 Resp: 96253

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	9.9	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
P005-BF002-01

Manual Integrations APPROVED
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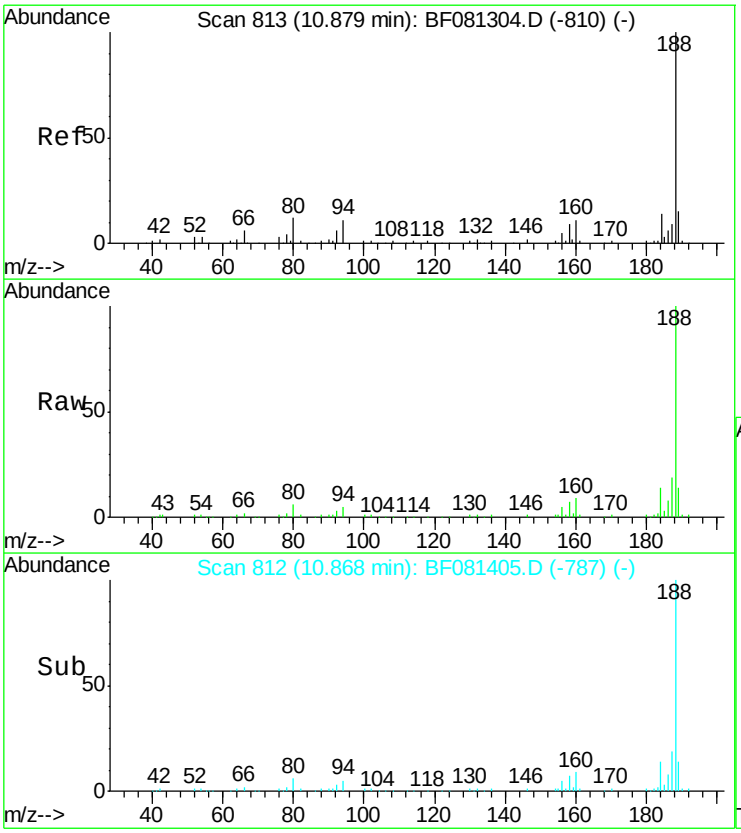
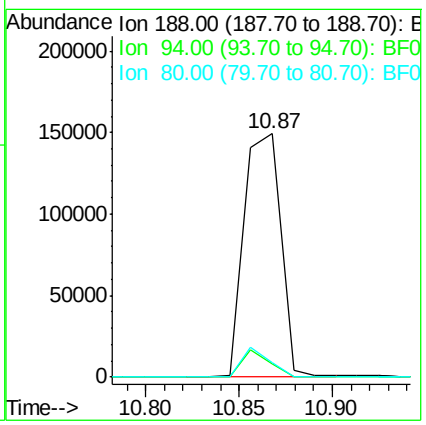
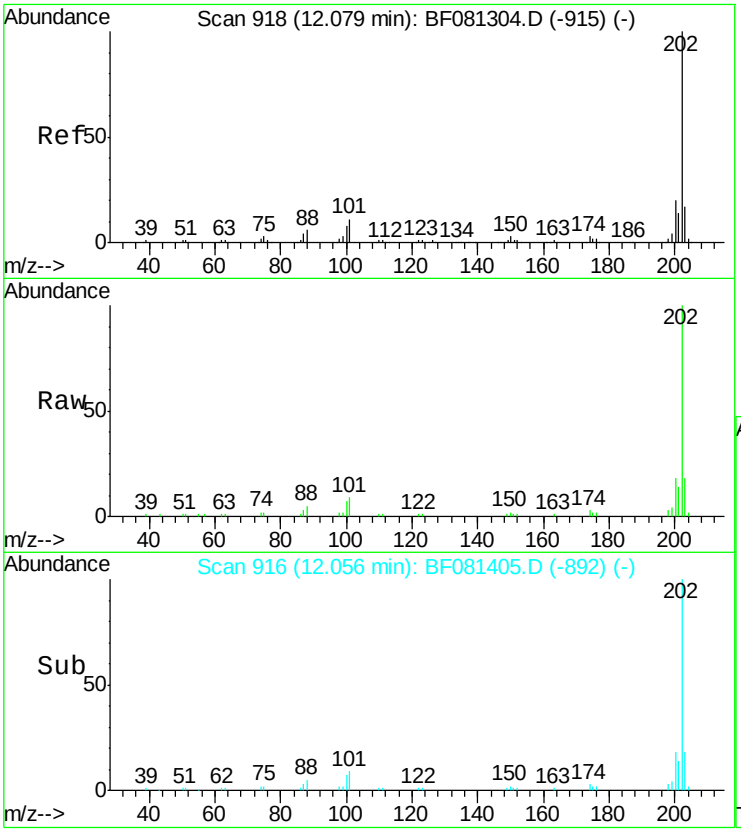


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:188 Resp: 204195

Ion	Ratio	Lower	Upper
188	100		
94	5.3	11.1	16.7#
80	5.8	11.0	16.4#

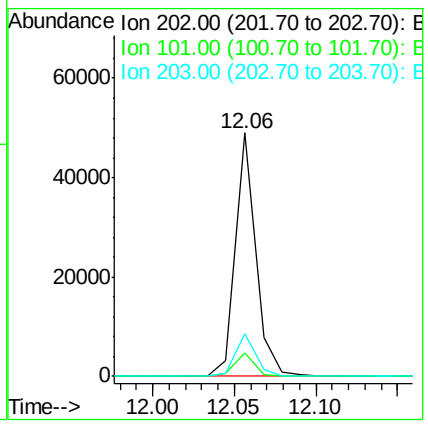




#74
Fluoranthene
Concen: 3.42 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:202 Resp: 41973

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	38.3
203	17.5	0.0	37.3



Instrument :
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ClientSampleId :
P005-BF002-01

Manual Integrations APPROVED
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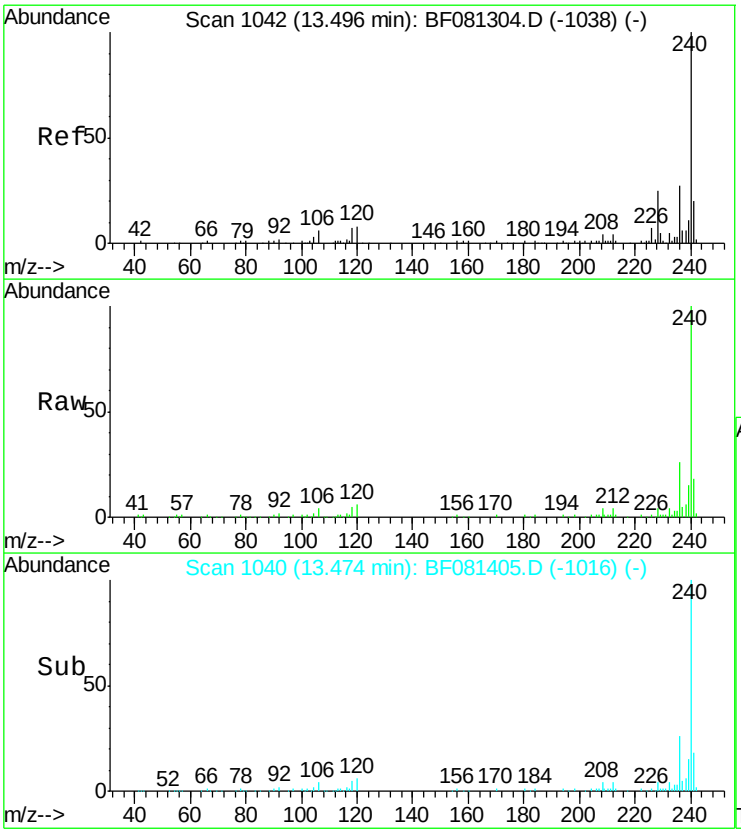
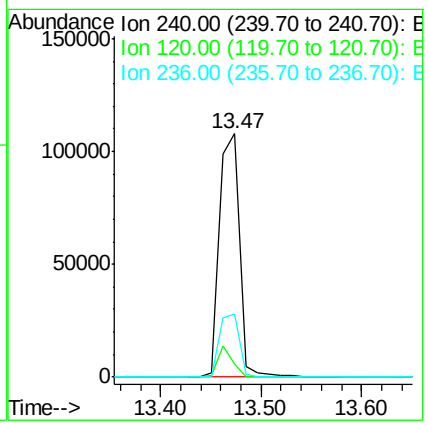
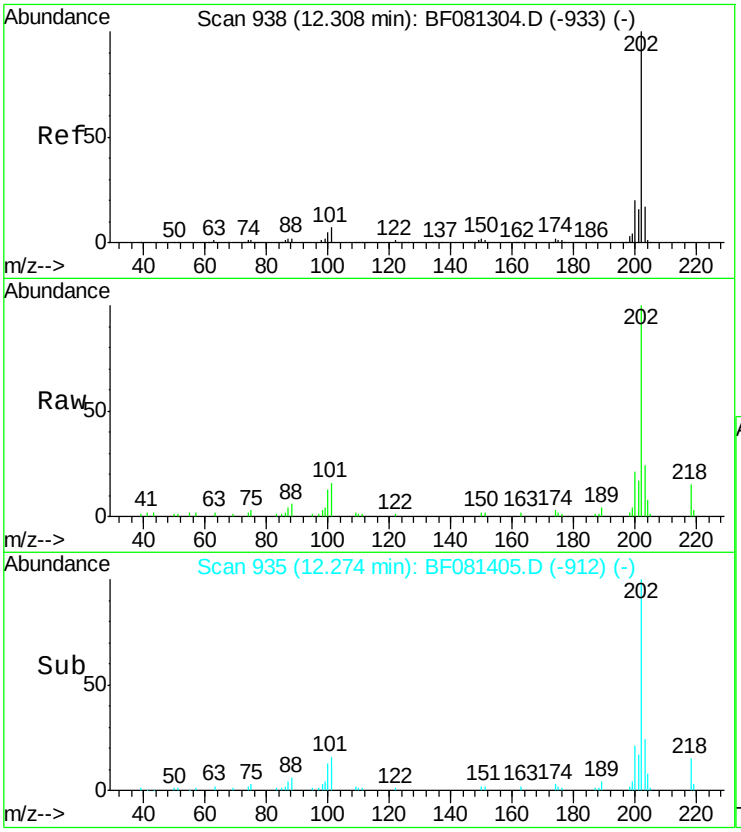


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:240 Resp: 149425

Ion	Ratio	Lower	Upper
240	100		
120	5.6	16.2	24.2#
236	26.1	18.4	27.6

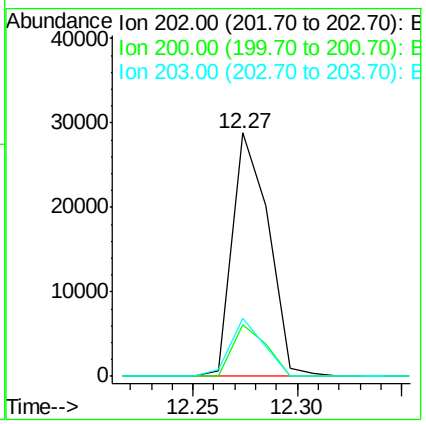




#77
Pyrene
Concen: 3.16 ng m
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:202 Resp: 34994

Ion	Ratio	Lower	Upper
202	100		
200	21.2	15.0	22.4
203	23.6	14.1	21.1#



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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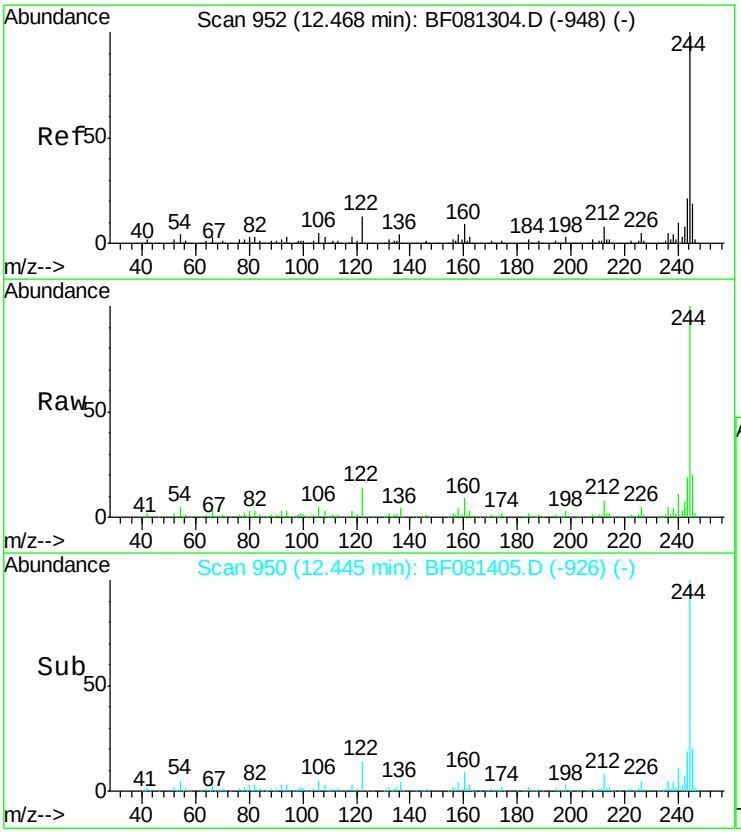
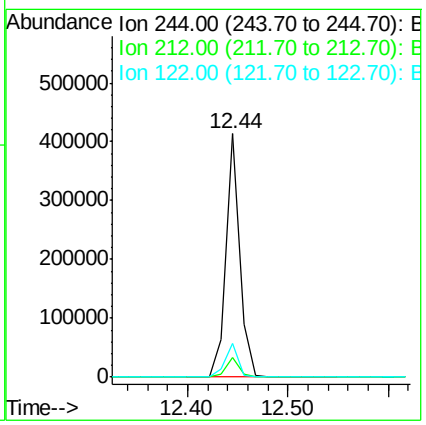
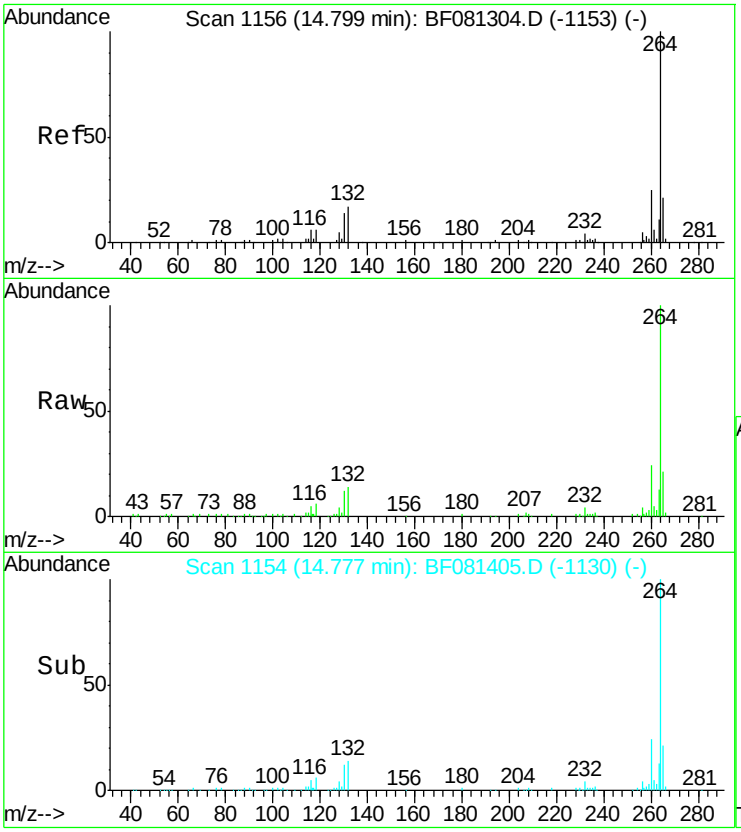


#78
Terphenyl-d14
Concen: 61.42 ng
RT: 12.44 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:244 Resp: 394243

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	13.6	17.4	26.2#

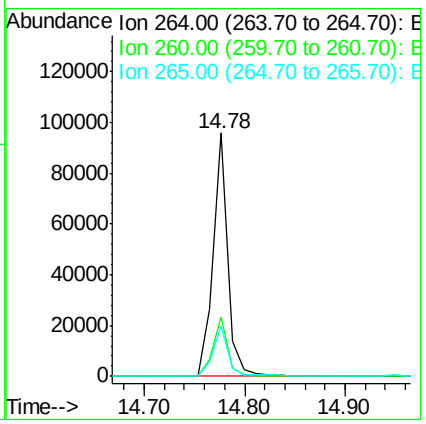




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:264 Resp: 97101

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	20.8	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
P005-BF002-01

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9/4/2015 2:51:36 PM