Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081146.D
Acq On : 21 Aug 2015 15:34
Operator : UM/IZ
Sample : G3350-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)DL

Manual Integrations APPROVED
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8/24/2015 11:23:28 AM

Quant Time: Aug 22 05:00:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	78227	20.00	ng		-0.03
21) Naphthalene-d8	7.84	136	285333	20.00	ng		-0.03
38) Acenaphthene-d10	9.59	164	149714	20.00	ng		-0.03
63) Phenanthrene-d10	11.05	188	277644	20.00	ng		-0.03
75) Chrysene-d12	13.66	240	263873	20.00	ng		-0.05
86) Perylene-d12	15.00	264	240392	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	41568	7.99	ng		-0.03
7) Phenol-d6	6.20	99	56309	8.30	ng		-0.03
23) Nitrobenzene-d5	7.12	82	49443	7.92	ng		-0.05
41) 2,4,6-Tribromophenol	10.37	330	7765m	5.98	ng		-0.03
44) 2-Fluorobiphenyl	8.92	172	57958	5.07	ng		-0.05
78) Terphenyl-d14	12.63	244	57529	4.67	ng		-0.05
Target Compounds							Qvalue
31) Naphthalene	7.86	128	279266	17.56	ng		97
37) 2-Methylnaphthalene	8.56	142	530106	52.76	ng		98
45) 1,1'-Biphenyl	9.02	154	69080	5.24	ng		98
57) Fluorene	10.13	166	74570	6.38	ng	#	81
70) Phenanthrene	11.09	178	178640	10.86	ng	#	95

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

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Manual Integrations APPROVED
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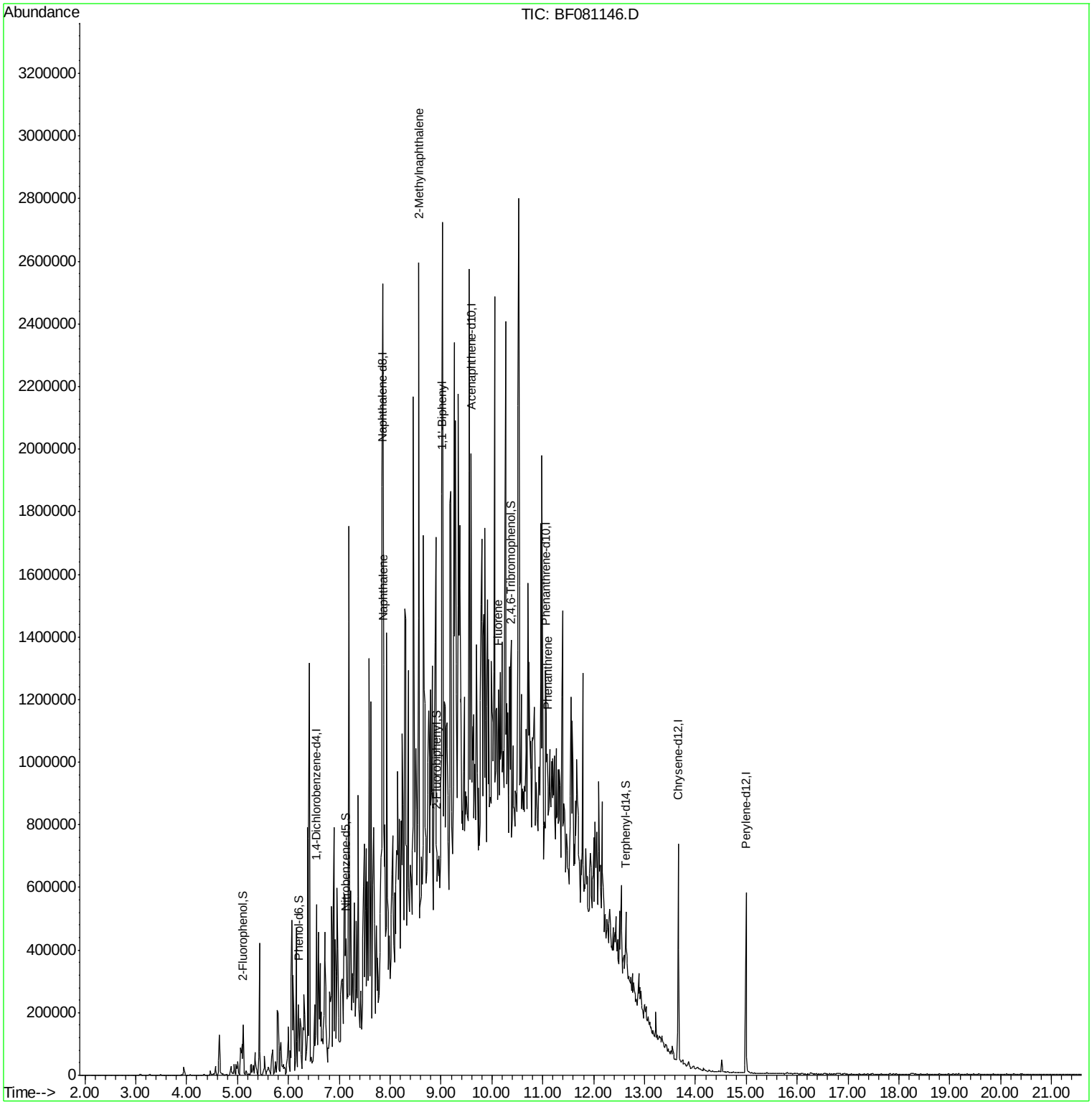
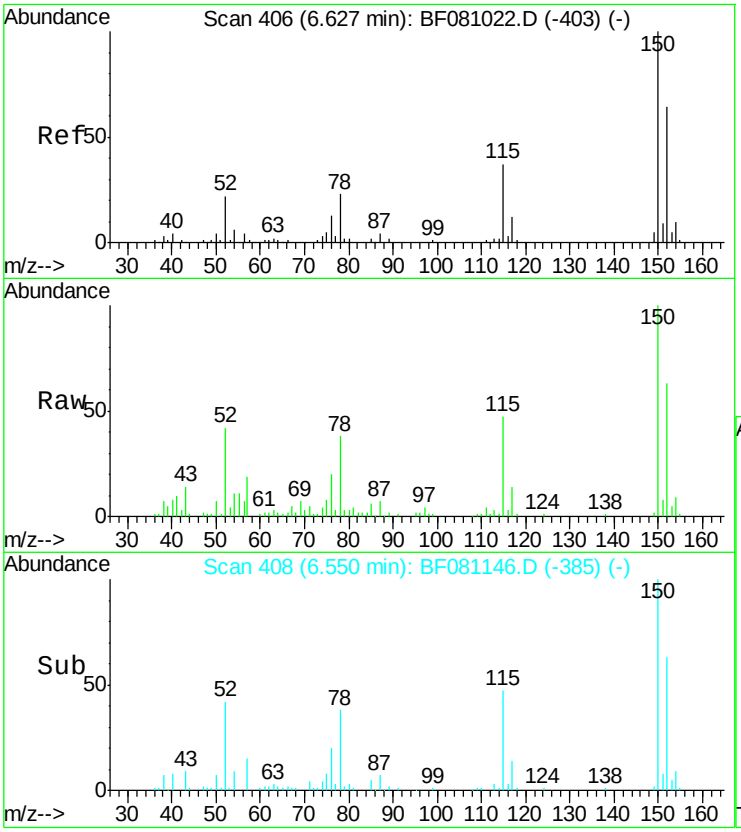
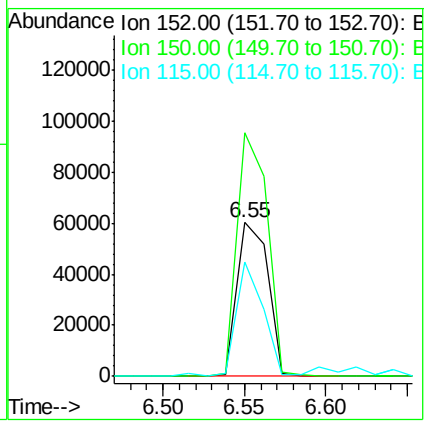




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:152 Resp: 78227

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.8	185.6
115	74.2	52.1	78.1



Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)DL

Manual Integrations APPROVED
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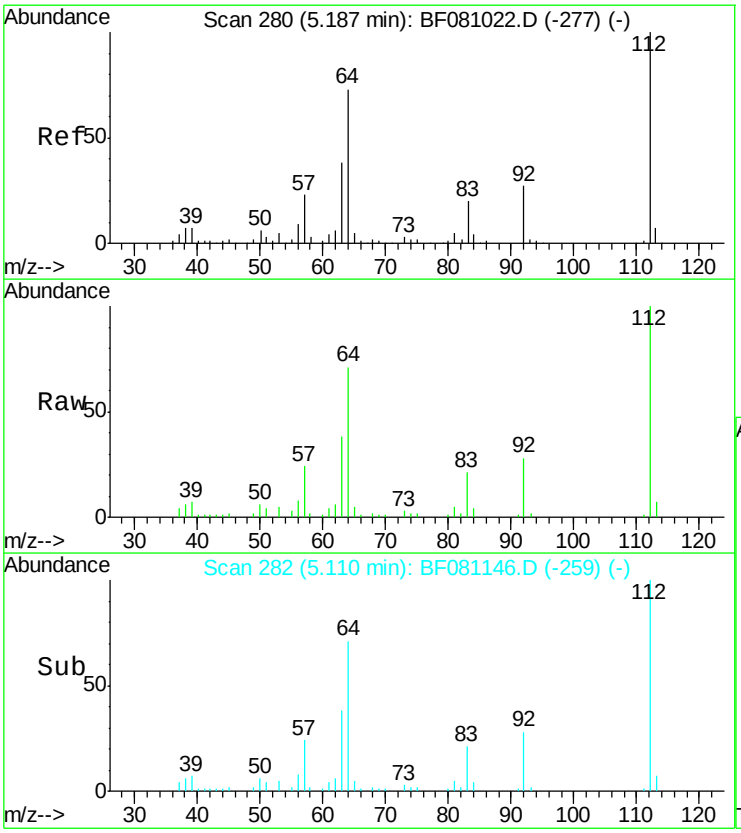
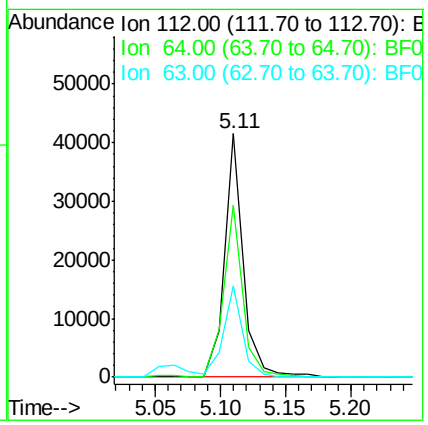
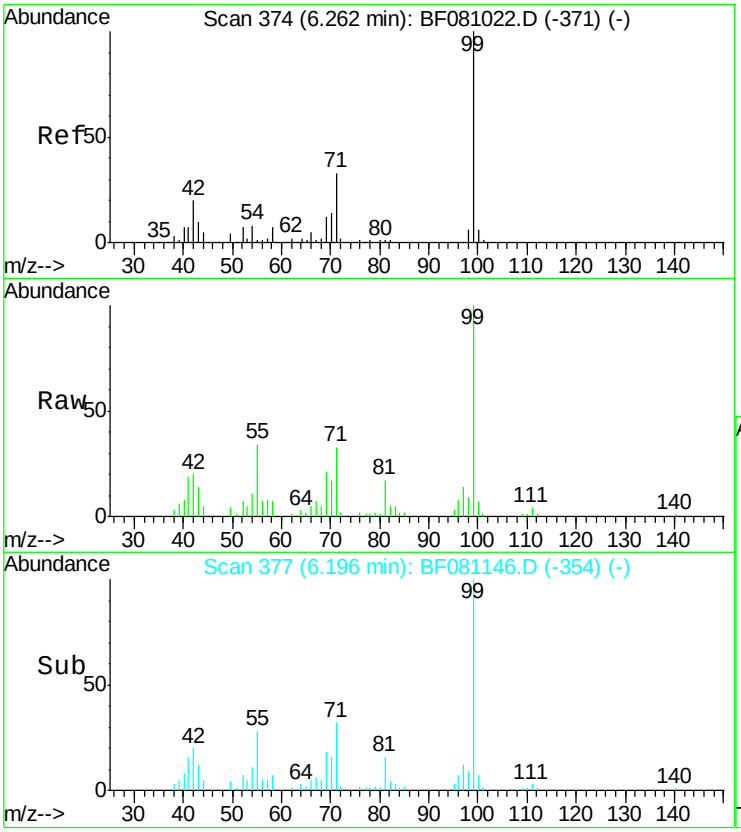


#5
2-Fluorophenol
Concen: 7.99 ng
RT: 5.11 min Scan# 282
Delta R.T. -0.03 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:112 Resp: 41568

Ion	Ratio	Lower	Upper
112	100		
64	70.6	66.9	100.3
63	37.5	38.1	57.1#

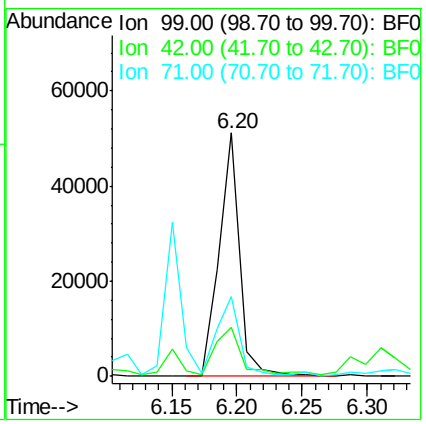




#7
Phenol-d6
Concen: 8.30 ng
RT: 6.20 min Scan# 377
Delta R.T. -0.03 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion: 99 Resp: 56309

Ion	Ratio	Lower	Upper
99	100		
42	20.1	19.6	29.4
71	32.6	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)DL

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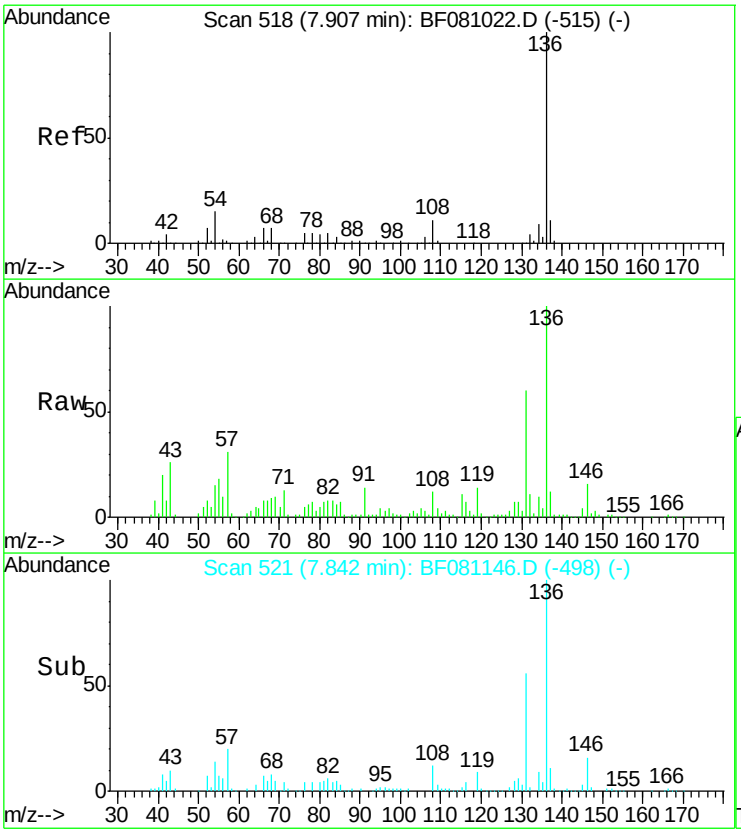
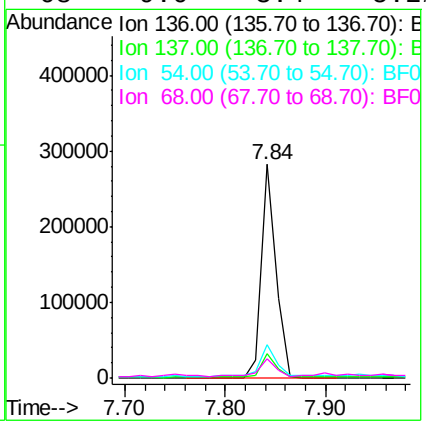
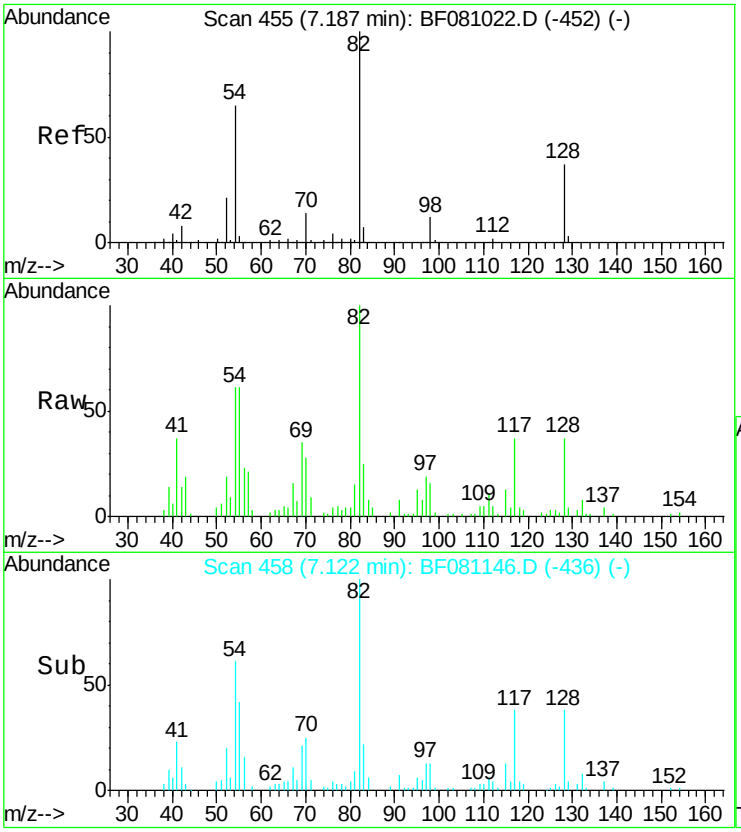


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.03 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:136 Resp: 285333

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.2
54	15.4	7.7	11.5#
68	9.0	3.4	5.2#

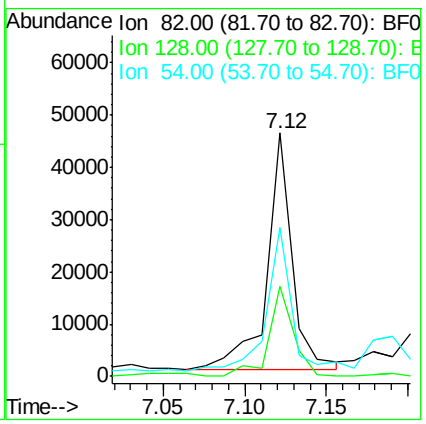




#23
Nitrobenzene-d5
Concen: 7.92 ng
RT: 7.12 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion: 82 Resp: 49443

Ion	Ratio	Lower	Upper
82	100		
128	37.2	28.6	42.8
54	61.3	55.1	82.7



Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)DL

Manual Integrations APPROVED
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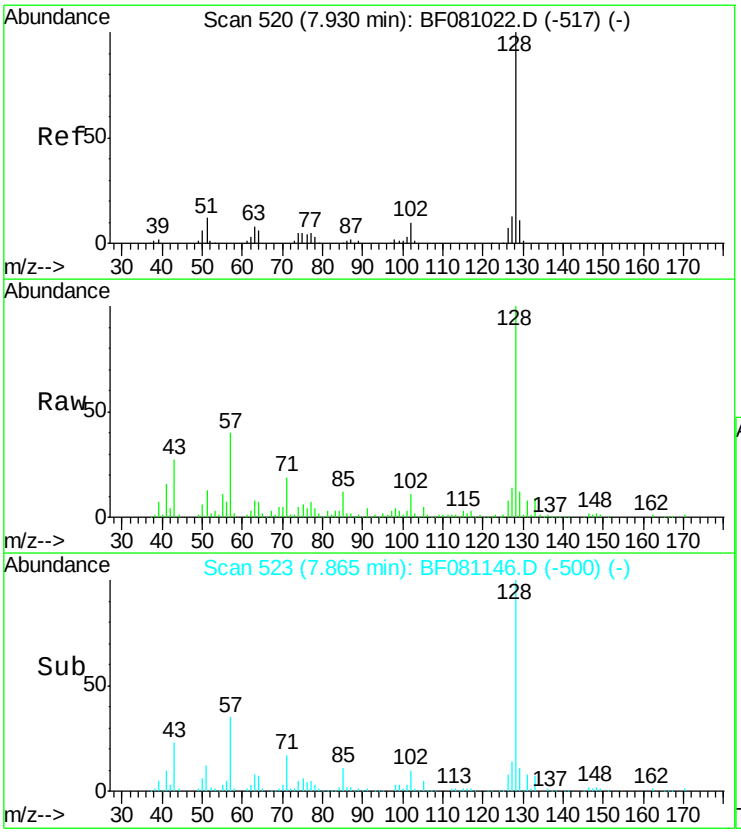
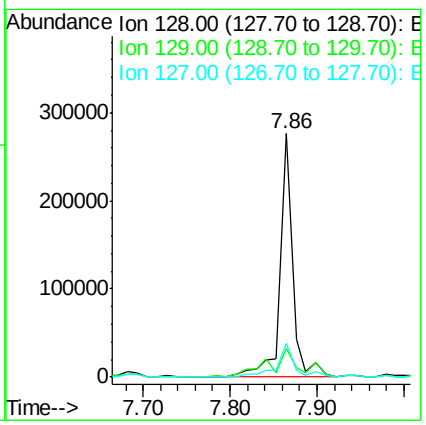
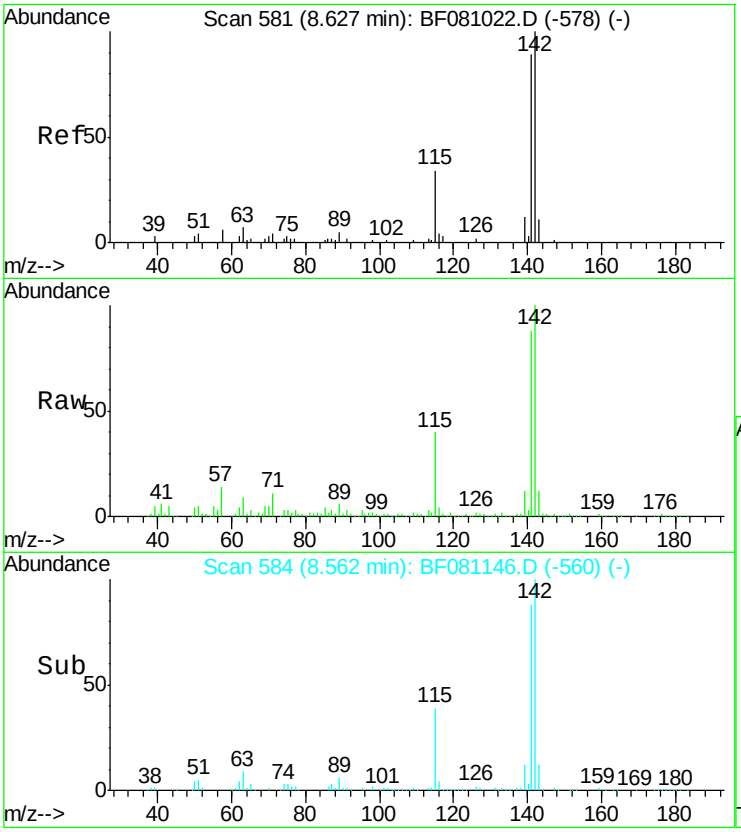


#31
Naphthalene
Concen: 17.56 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:128 Resp: 279266

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.4	12.6
127	13.9	10.6	16.0

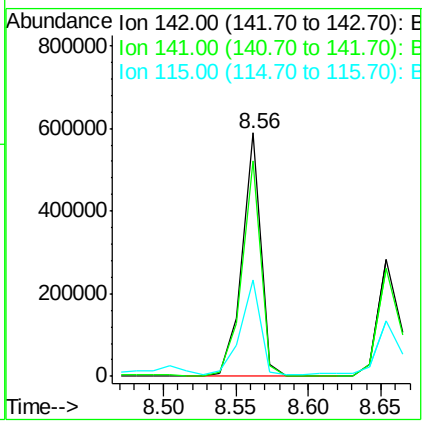




#37
2-Methylnaphthalene
Concen: 52.76 ng
RT: 8.56 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:142 Resp: 530106

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	39.5	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)DL

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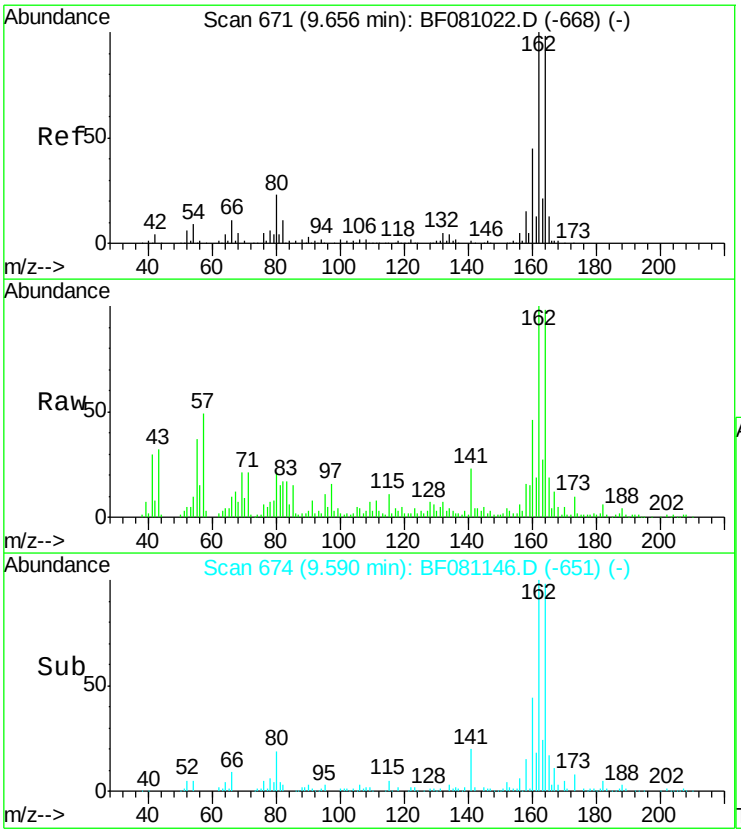
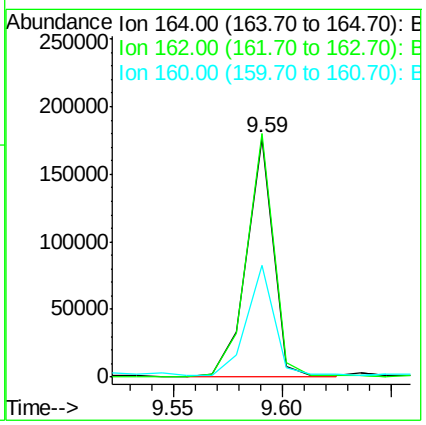
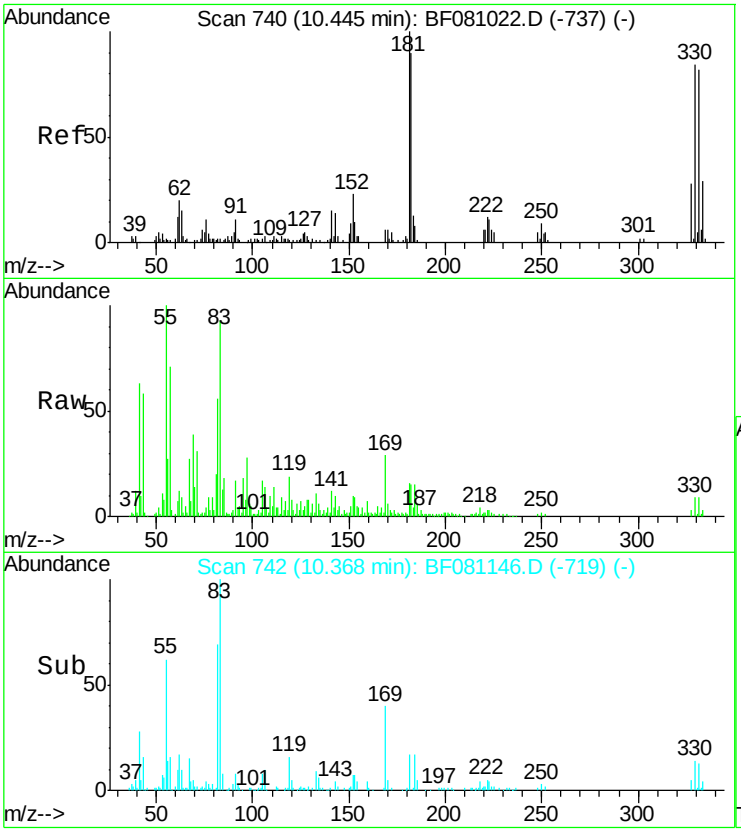


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:164 Resp: 149714

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.8	125.8
160	47.0	39.8	59.8

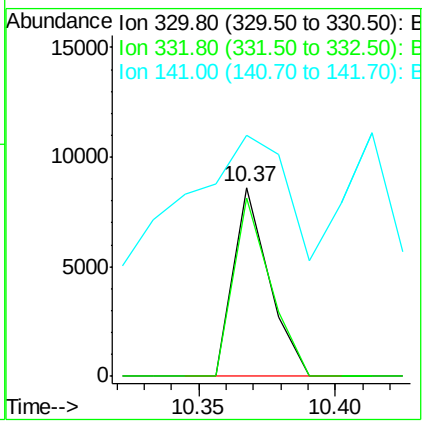




#41
2,4,6-Tribromophenol
Concen: 5.98 ng m
RT: 10.37 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:330 Resp: 7765

Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.3	115.9#
141	0.0	44.9	67.3#



Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)DL

Manual Integrations APPROVED
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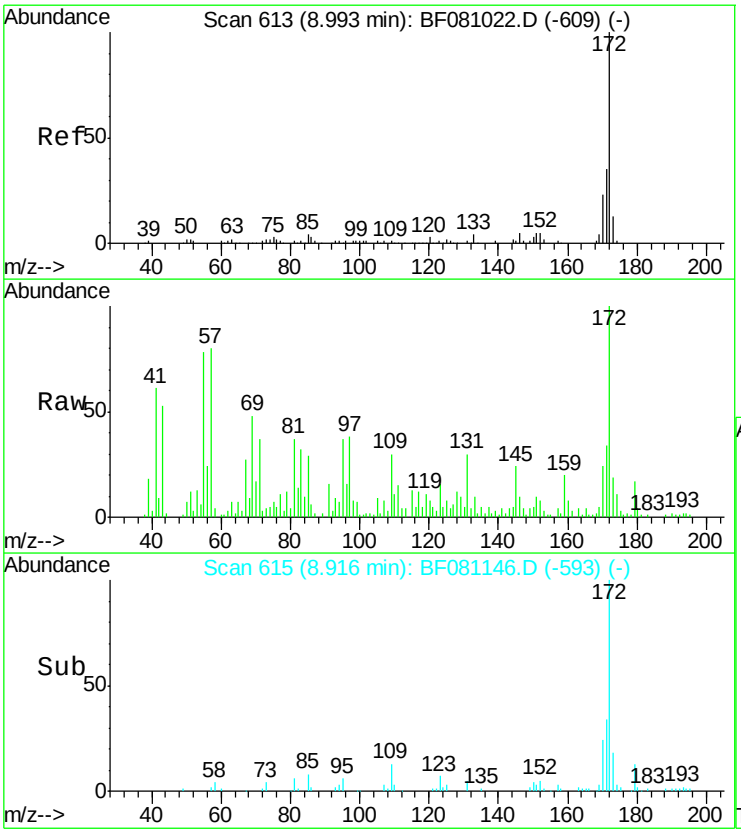
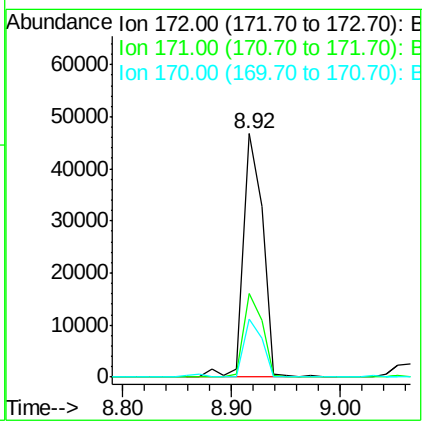
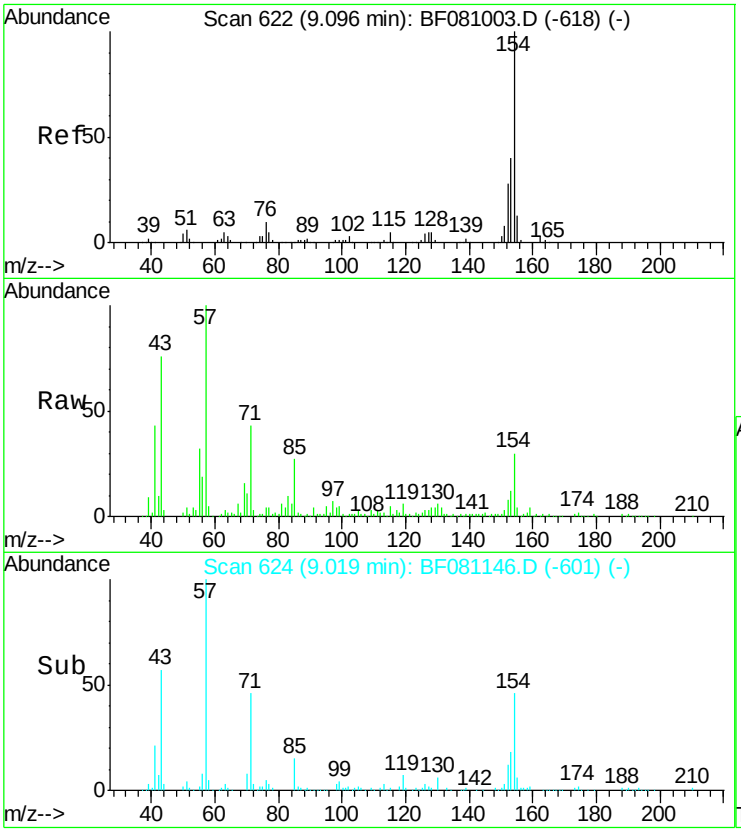


#44
2-Fluorobiphenyl
Concen: 5.07 ng
RT: 8.92 min Scan# 615
Delta R.T. -0.05 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:172 Resp: 57958

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.9	43.3
170	24.1	19.4	29.2

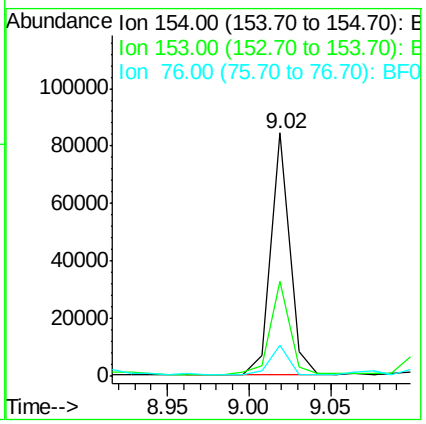




#45
1,1'-Biphenyl
Concen: 5.24 ng
RT: 9.02 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:154 Resp: 69080

Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.5	59.5
76	12.6	0.0	29.3



Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)DL

Manual Integrations APPROVED
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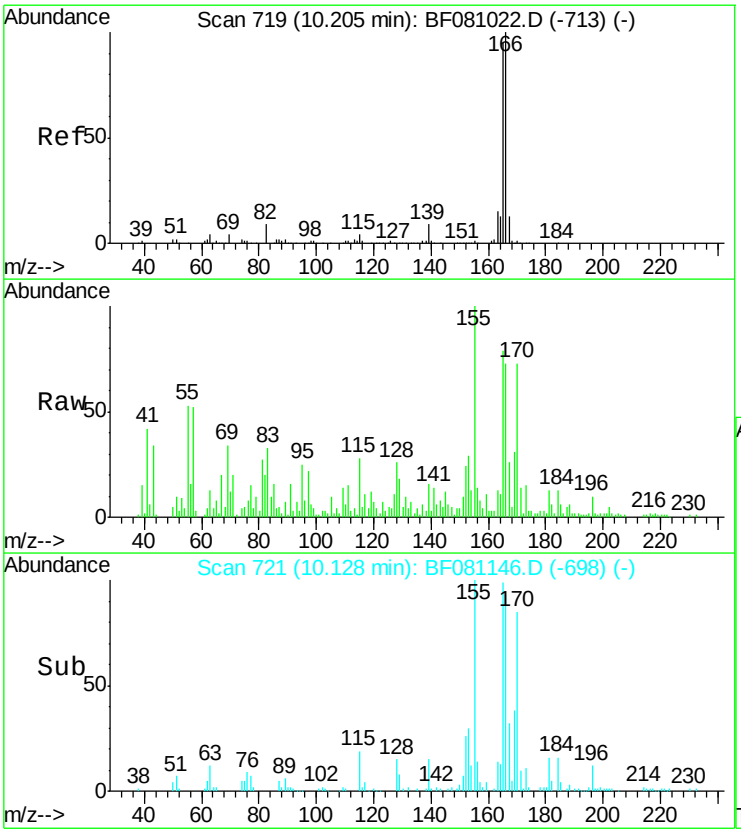
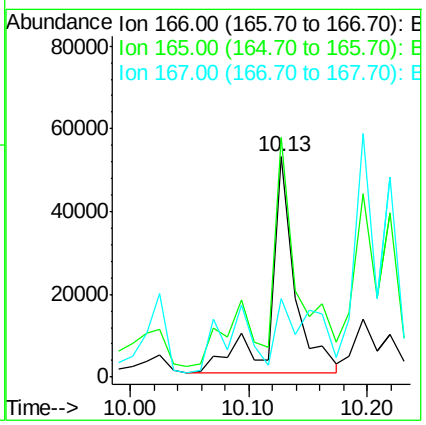
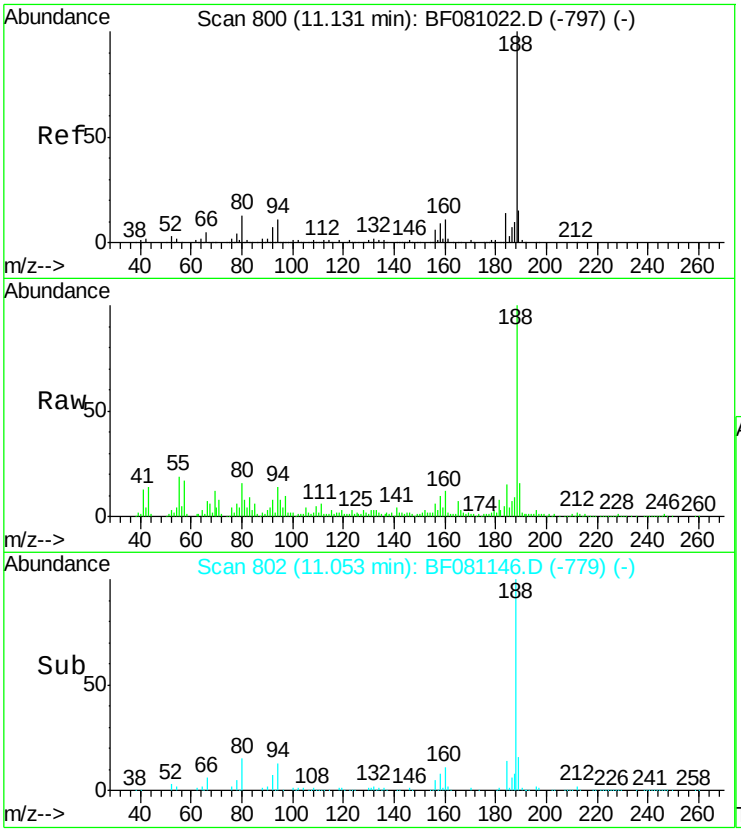


#57
Fluorene
Concen: 6.38 ng
RT: 10.13 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:166 Resp: 74570

Ion	Ratio	Lower	Upper
166	100		
165	108.6	75.8	113.8
167	35.9	11.3	16.9#

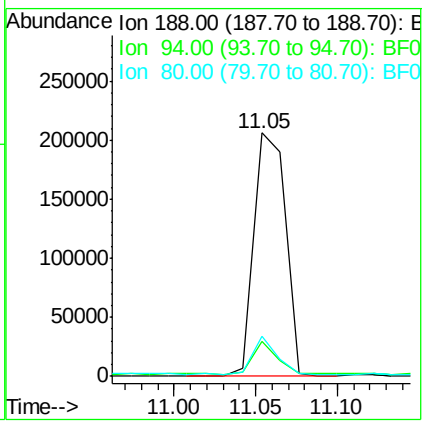




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:188 Resp: 277644

Ion	Ratio	Lower	Upper
188	100		
94	14.1	8.2	12.2#
80	16.2	9.5	14.3#



Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)DL

Manual Integrations APPROVED
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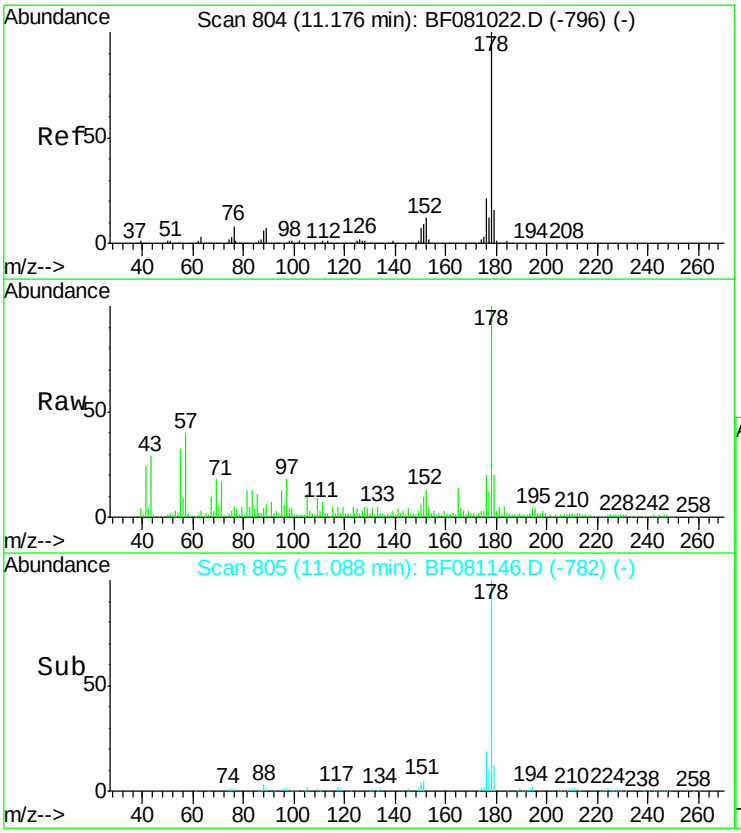
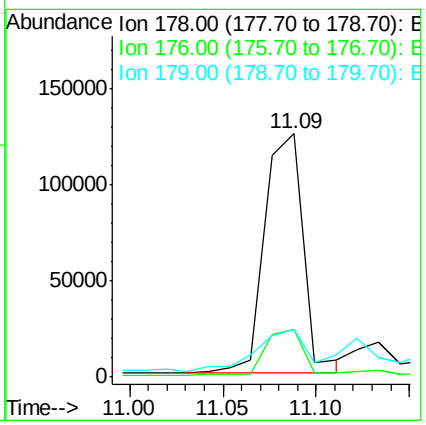
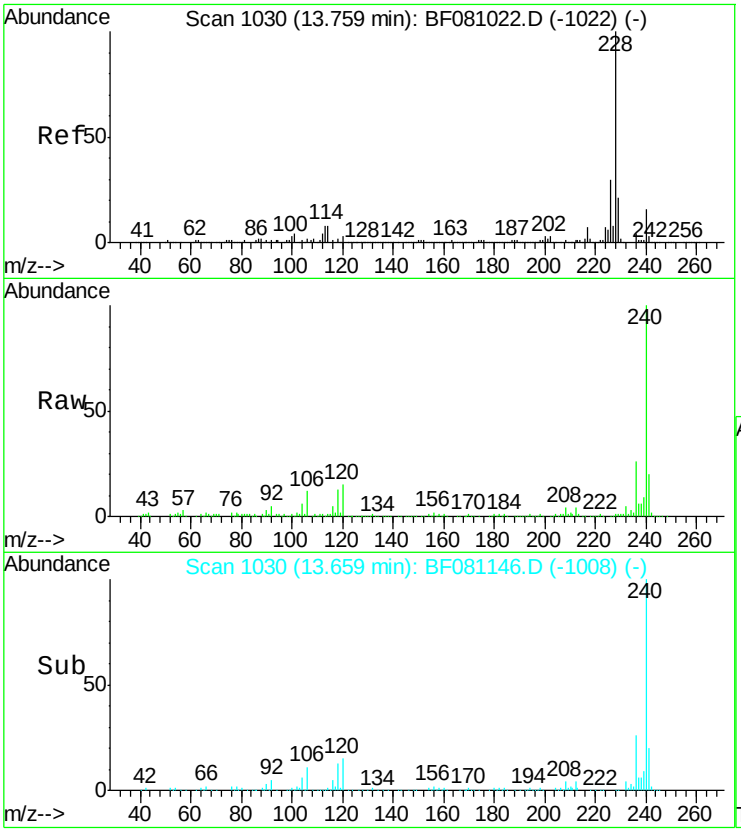


#70
Phenanthrene
Concen: 10.86 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:178 Resp: 178640

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	19.8	12.2	18.2#





#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:240 Resp: 263873

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.6	8.4#
236	26.4	20.6	30.8

Instrument :
BNA_F
ClientSampleId :
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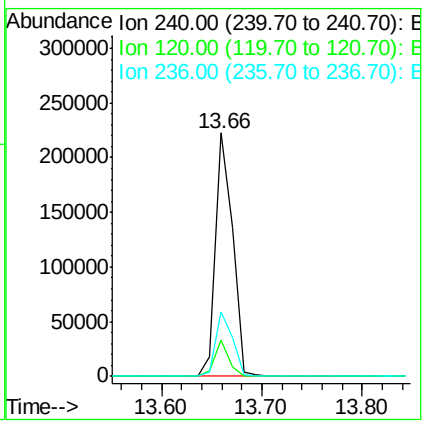
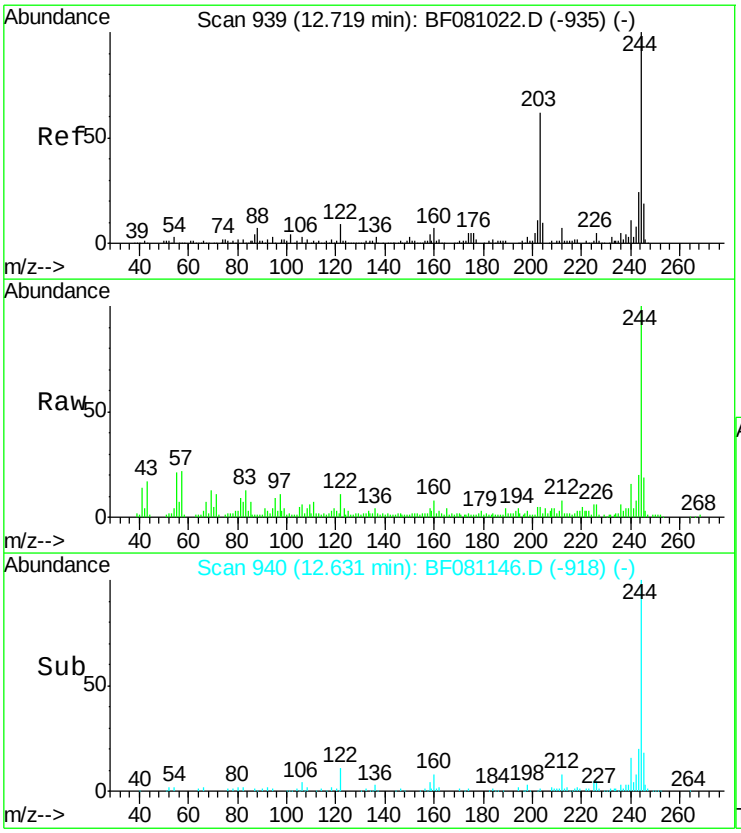
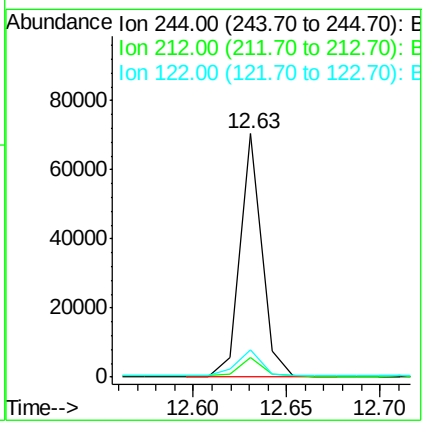


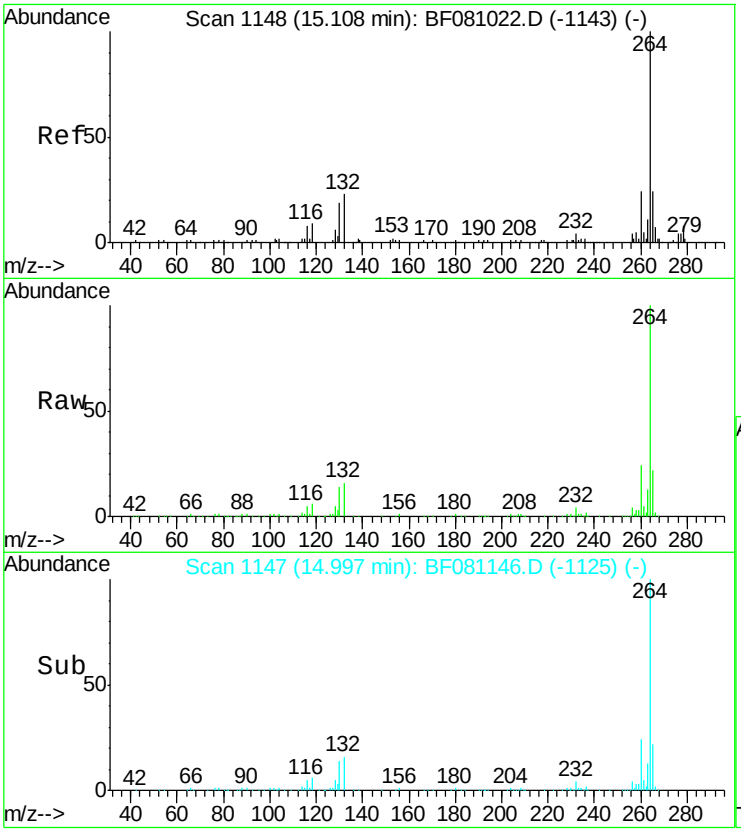


#78
Terphenyl-d14
Concen: 4.67 ng
RT: 12.63 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:244 Resp: 57529

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	11.4	8.2	12.4

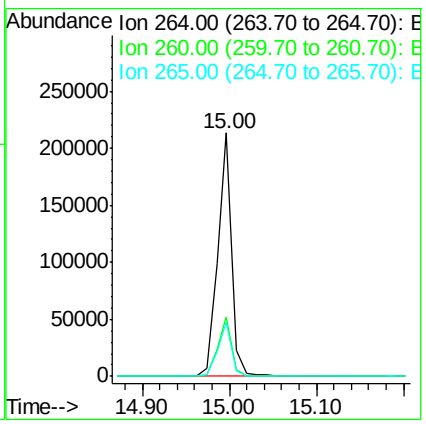




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF081146.D
Acq: 21 Aug 2015 15:34

Tgt Ion:264 Resp: 240392

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.2	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)DL

Manual Integrations APPROVED
MMDadoda
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