Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
Data File : BF077258.D
Acq On : 11 Feb 2015 17:33
Operator : TP/IZ
Sample : G1258-01
Misc :
ALS Vial : 10 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : MW-1

Manual Integrations APPROVED
apatel
2/12/2015 4:13:34 PM

Quant Time: Feb 12 10:36:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	74157	40.00	ng		-0.06
21) Naphthalene-d8	10.45	136	314949m	40.00	ng		-0.05
38) Acenaphthene-d10	14.58	164	149853	40.00	ng		-0.05
63) Phenanthrene-d10	17.47	188	242966	40.00	ng		-0.03
75) Chrysene-d12	20.98	240	224828	40.00	ng		-0.03
86) Perylene-d12	22.61	264	202011	40.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.54	112	141868	62.91	ng		-0.05
7) Phenol-d6	6.98	99	127253	44.73	ng		-0.03
23) Nitrobenzene-d5	8.85	82	217395	76.48	ng		-0.05
41) 2,4,6-Tribromophenol	16.34	330	74795	122.98	ng		-0.03
44) 2-Fluorobiphenyl	13.12	172	425924	86.51	ng		-0.05
78) Terphenyl-d14	19.72	244	354682	72.64	ng		-0.03
Target Compounds							Qvalue
31) Naphthalene	10.50	128	43317	5.34	ng	#	89
37) 2-Methylnaphthalene	12.16	142	28073	5.07	ng		88
45) 1,1'-Biphenyl	13.31	154	13855	2.49	ng		95
51) Acenaphthene	14.65	154	24151	5.52	ng		95
54) Dibenzofuran	15.07	168	16381	2.57	ng	#	93
57) Fluorene	15.85	166	29028	5.38	ng		96
70) Phenanthrene	17.51	178	77579	10.24	ng		98
72) Carbazole	17.88	167	39361	5.49	ng		98
74) Fluoranthene	19.16	202	15747	2.03	ng		97
77) Pyrene	19.45	202	19519	2.53	ng	#	92

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
Data File : BF077258.D
Acq On : 11 Feb 2015 17:33
Operator : TP/IZ
Sample : G1258-01
Misc :
ALS Vial : 10 Sample Multiplier: 2

Quant Time: Feb 12 10:36:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations APPROVED
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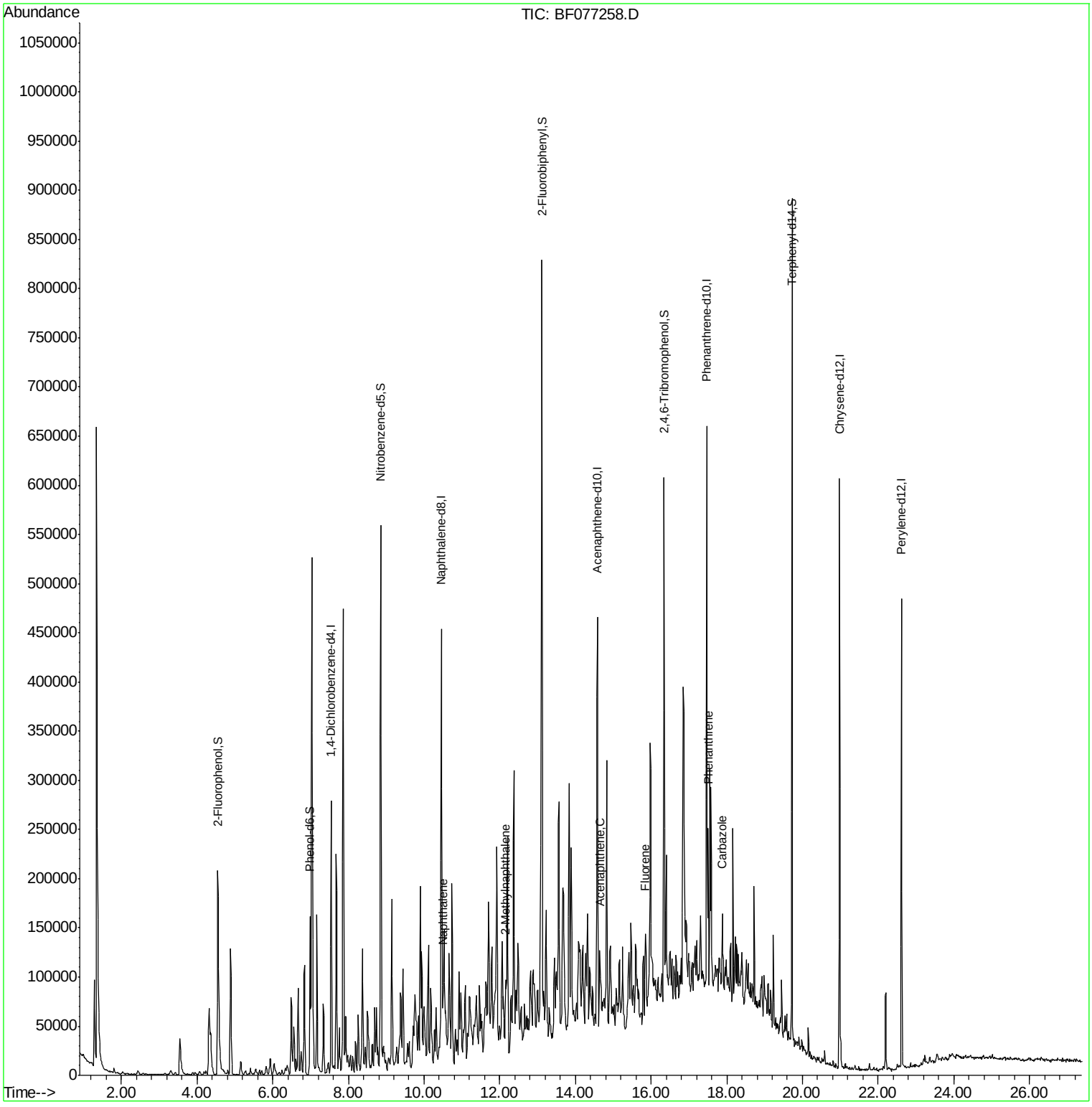
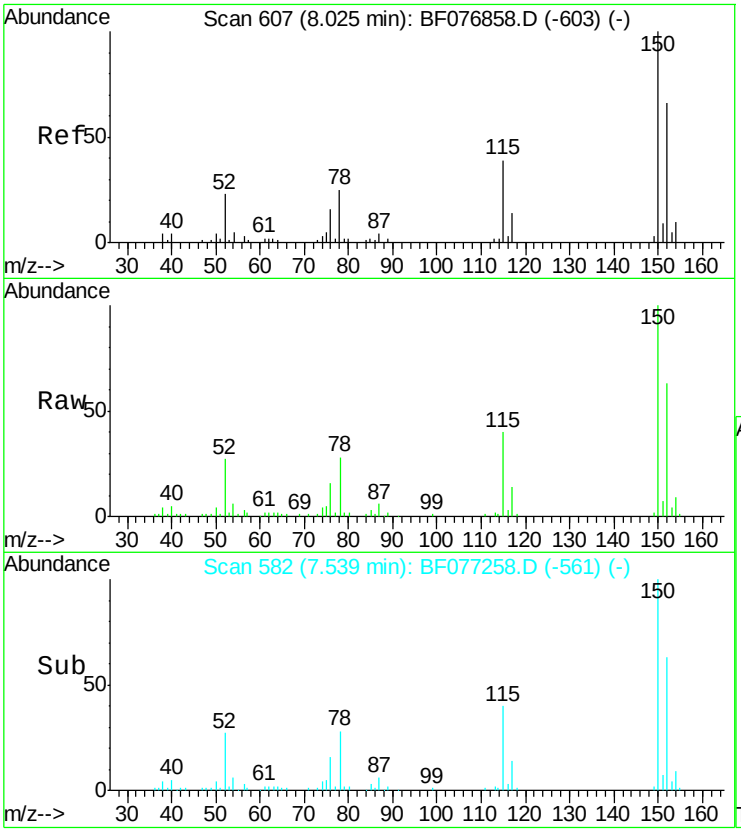
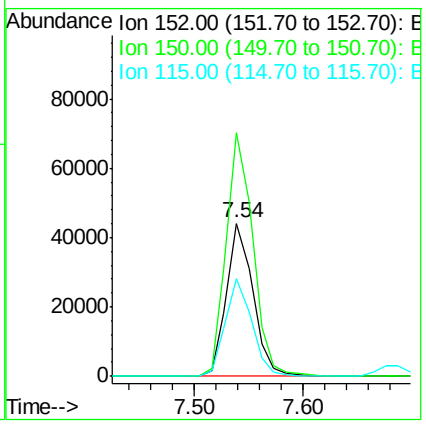




#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:152 Resp: 74157

Ion	Ratio	Lower	Upper
152	100		
150	159.1	121.7	182.5
115	63.8	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations APPROVED
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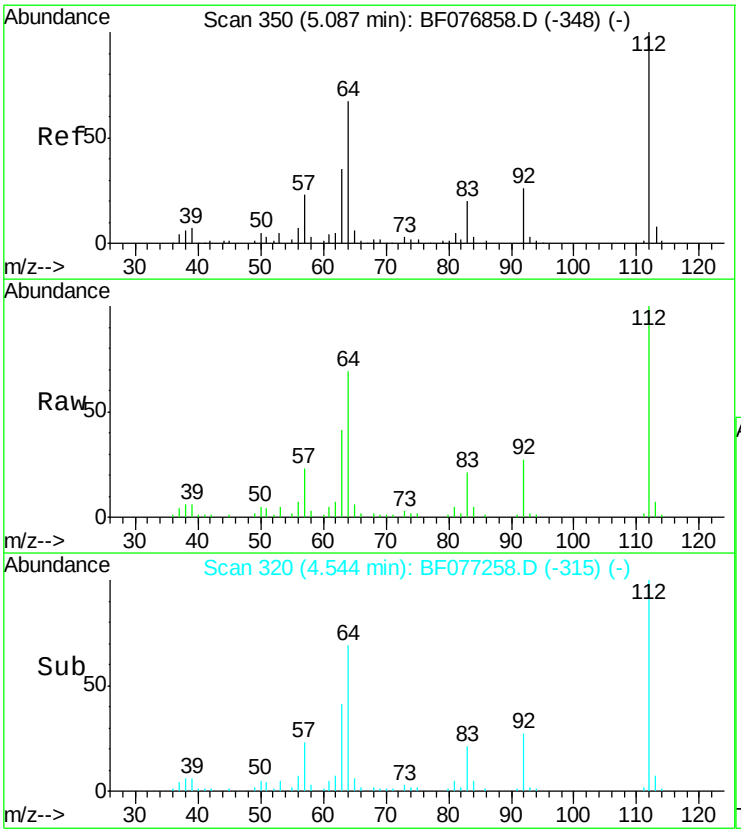
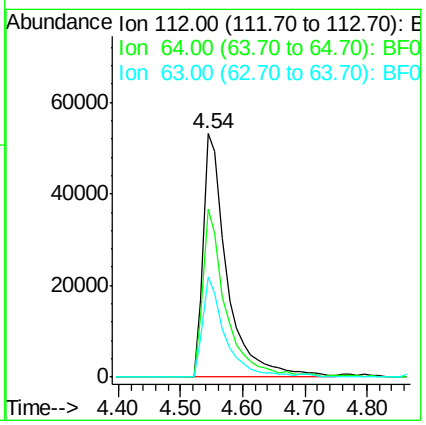
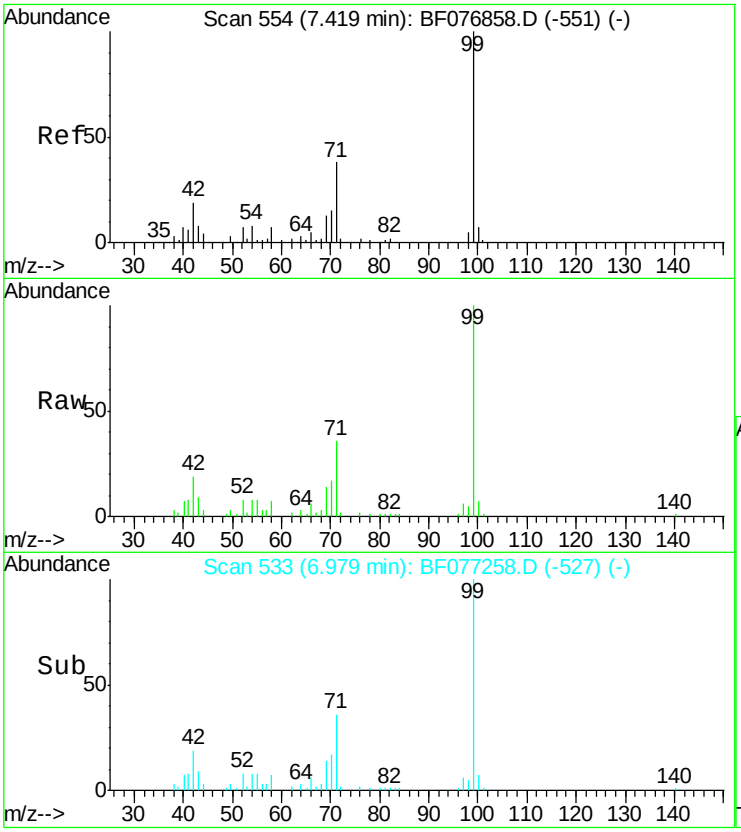


#5
2-Fluorophenol
Concen: 62.91 ng
RT: 4.54 min Scan# 320
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:112 Resp: 141868

Ion	Ratio	Lower	Upper
112	100		
64	68.9	54.2	81.4
63	41.3	28.4	42.6

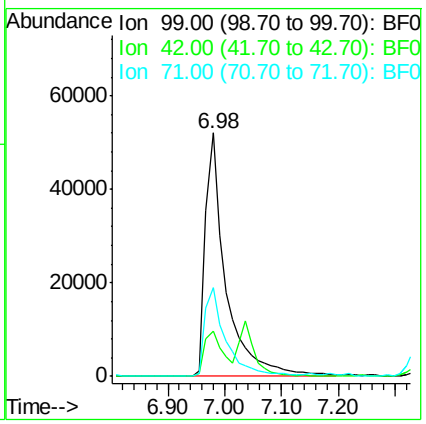




#7
Phenol-d6
Concen: 44.73 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion: 99 Resp: 127253

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	36.2	30.5	45.7



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations APPROVED
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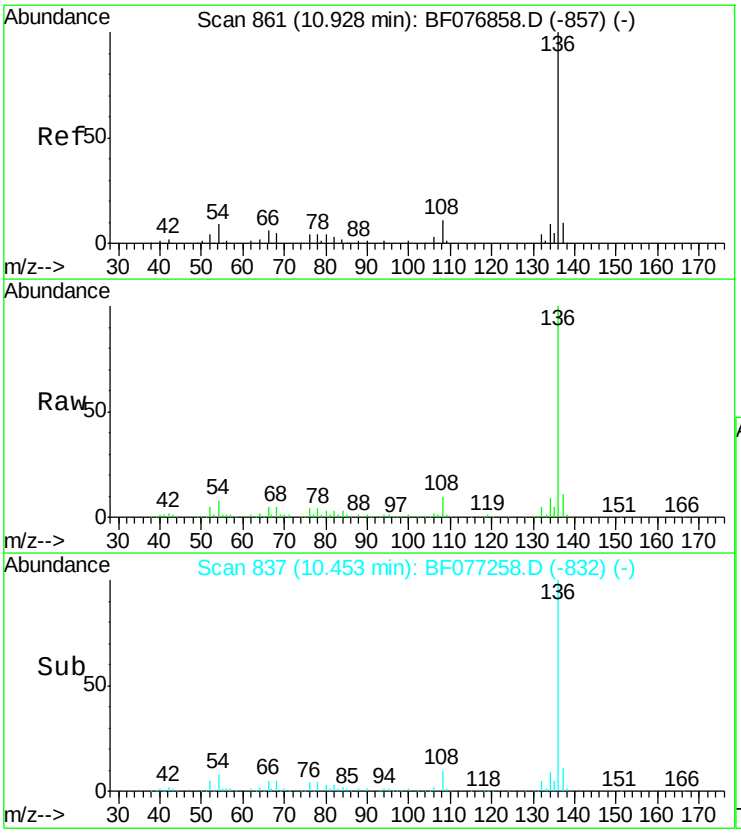
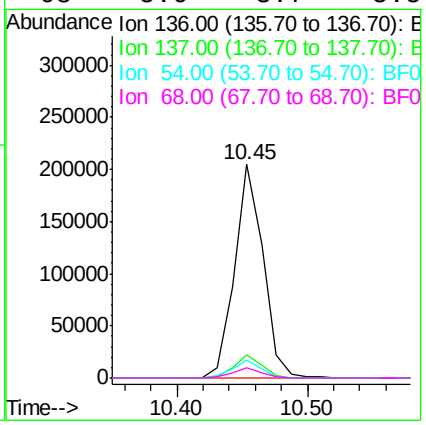
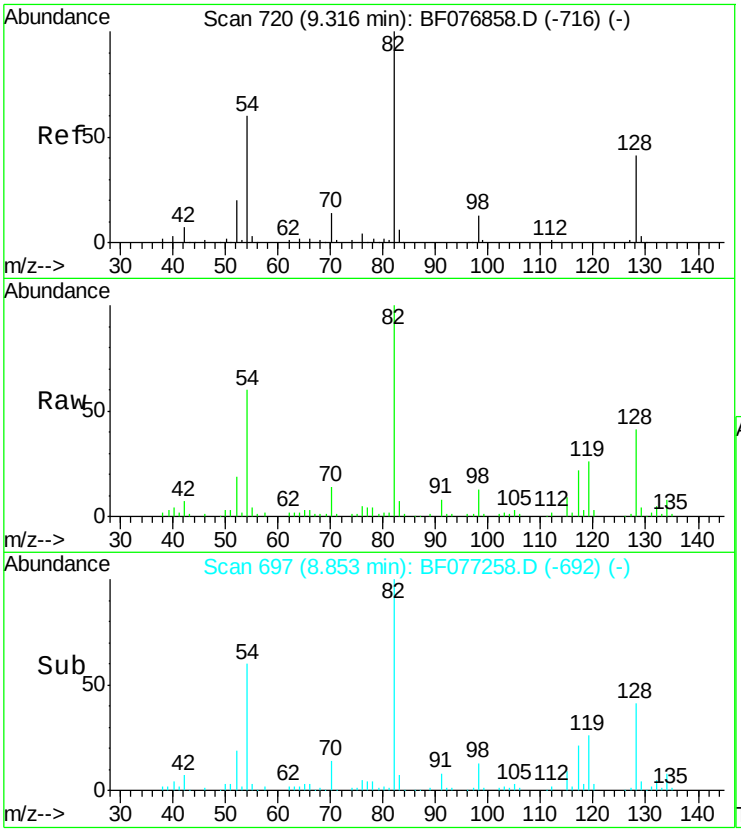


#21
Naphthalene-d8
Concen: 40.00 ng m
RT: 10.45 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:136 Resp: 314949

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.1	12.1
54	8.4	7.0	10.4
68	5.0	3.7	5.5

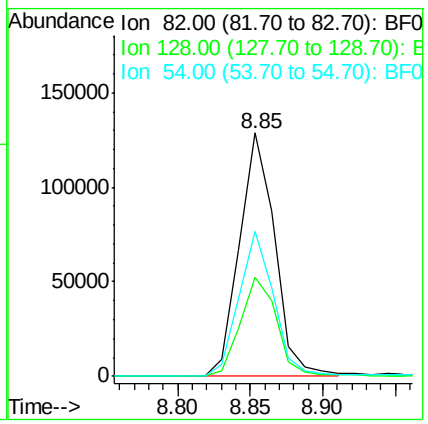




#23
Nitrobenzene-d5
Concen: 76.48 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion: 82 Resp: 217395

Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.1	49.7
54	59.6	48.3	72.5



Instrument :
BNA_F
ClientSampleId :
MW-1

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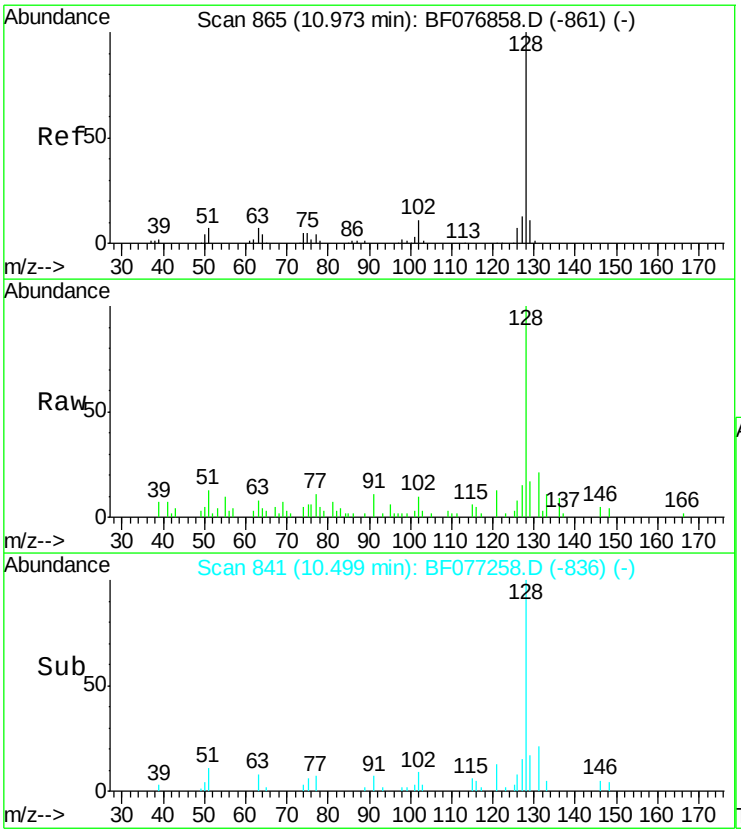
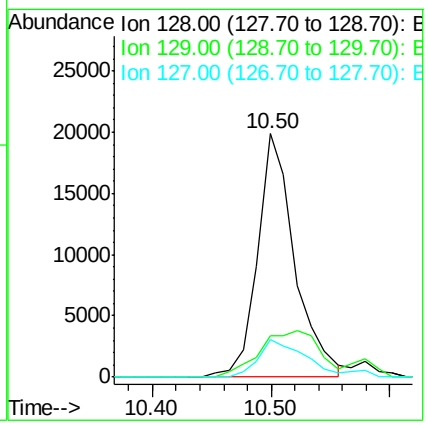
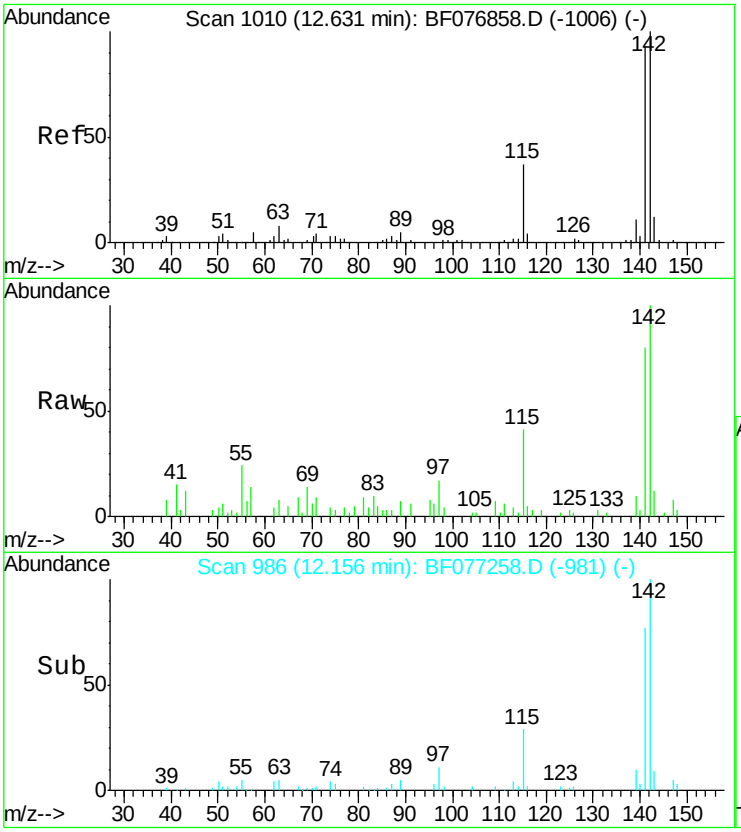


#31
Naphthalene
Concen: 5.34 ng
RT: 10.50 min Scan# 841
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:128 Resp: 43317

Ion	Ratio	Lower	Upper
128	100		
129	17.2	9.0	13.6#
127	15.5	10.2	15.2#

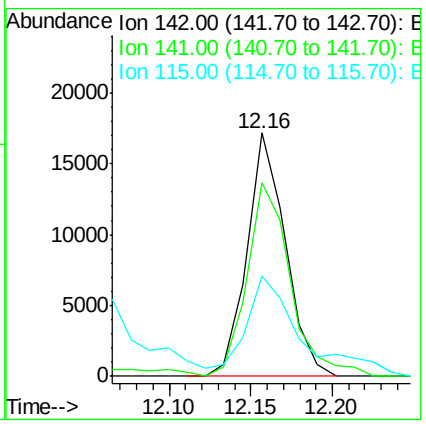




#37
2-Methylnaphthalene
Concen: 5.07 ng
RT: 12.16 min Scan# 986
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:142 Resp: 28073

Ion	Ratio	Lower	Upper
142	100		
141	79.6	74.5	111.7
115	41.3	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
MW-1

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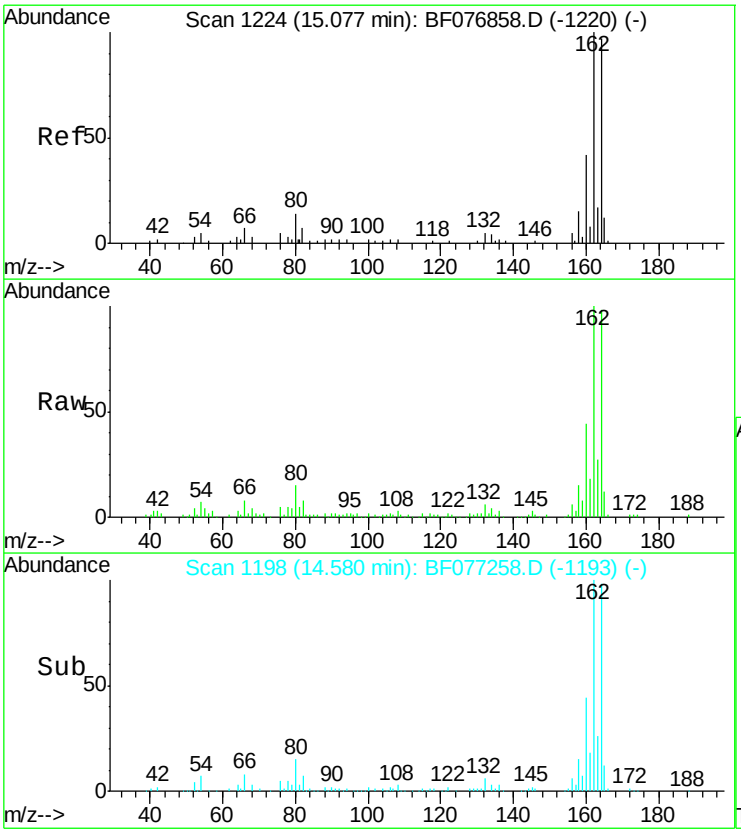
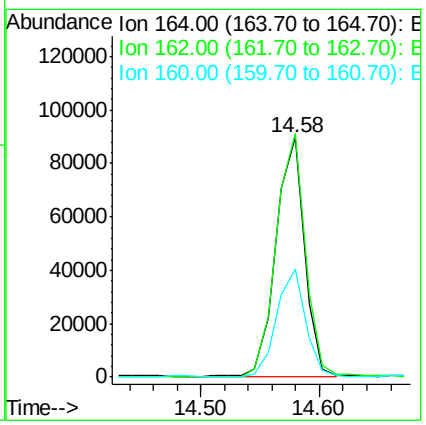
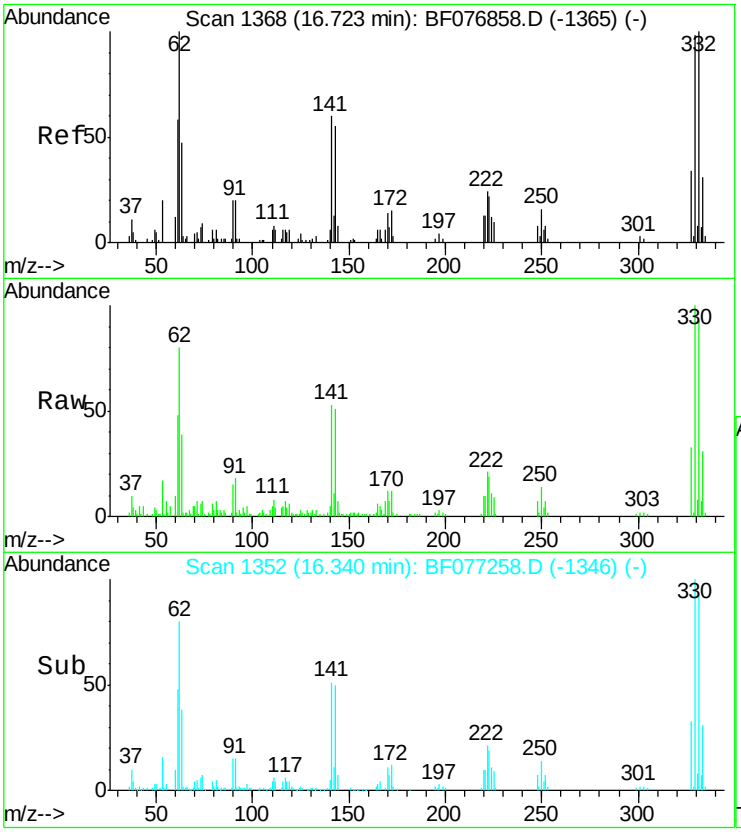


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 14.58 min Scan# 1198
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:164 Resp: 149853

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.4	123.6
160	44.9	34.8	52.2

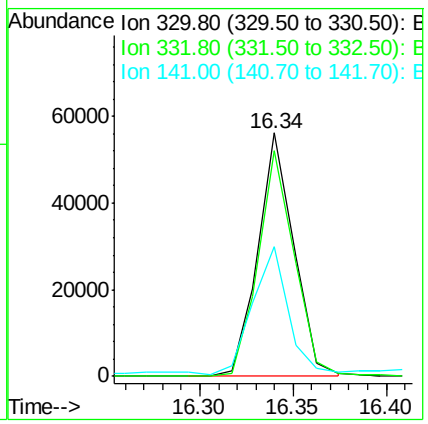




#41
2,4,6-Tribromophenol
Concen: 122.98 ng
RT: 16.34 min Scan# 1352
Delta R.T. -0.03 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:330 Resp: 74795

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.8	116.6
141	51.4	38.5	57.7



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations APPROVED
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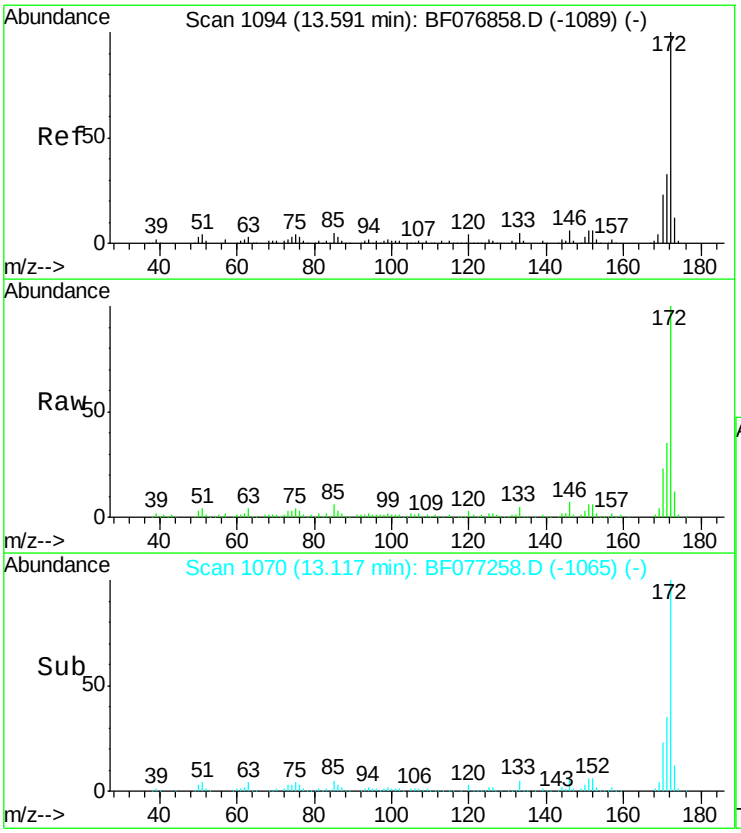
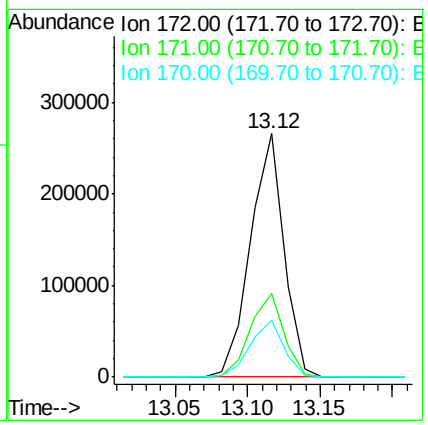
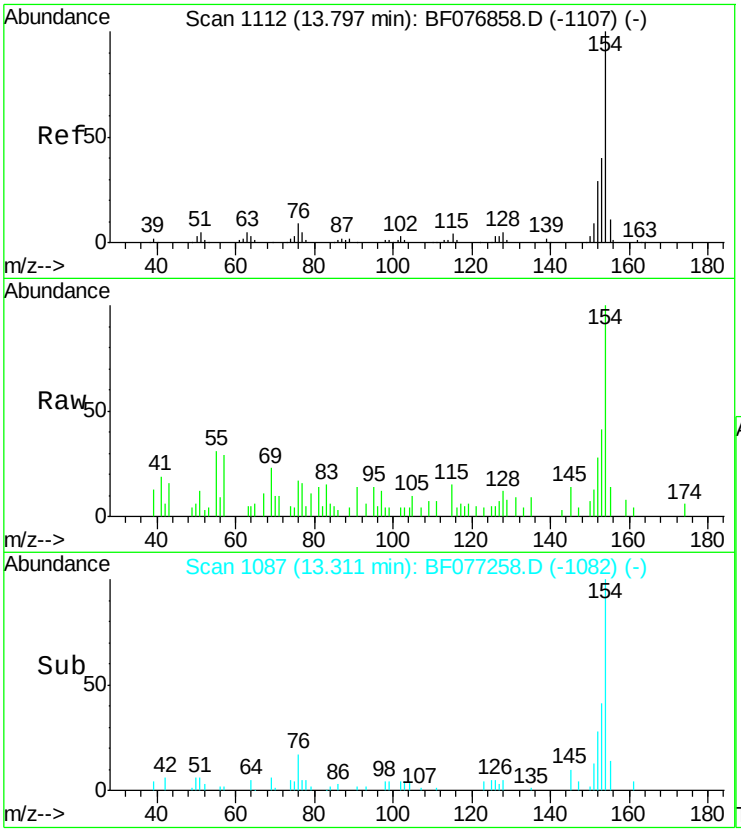


#44
2-Fluorobiphenyl
Concen: 86.51 ng
RT: 13.12 min Scan# 1070
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:172 Resp: 425924

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.6	40.0
170	23.2	18.0	27.0





#45
1,1'-Biphenyl
Concen: 2.49 ng
RT: 13.31 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:154 Resp: 13855

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.2	60.2
76	17.0	0.0	29.0

Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations APPROVED
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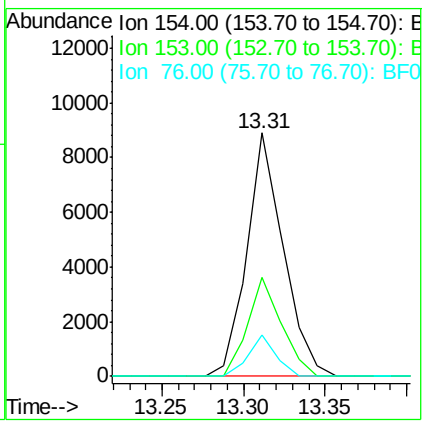
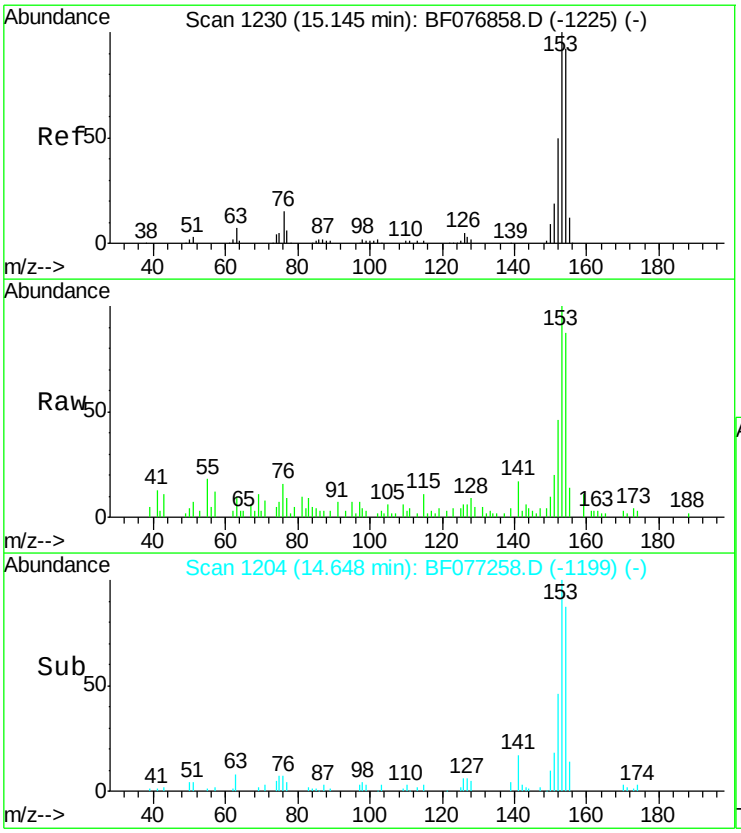
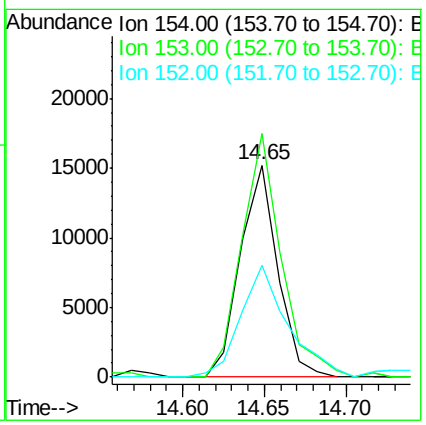


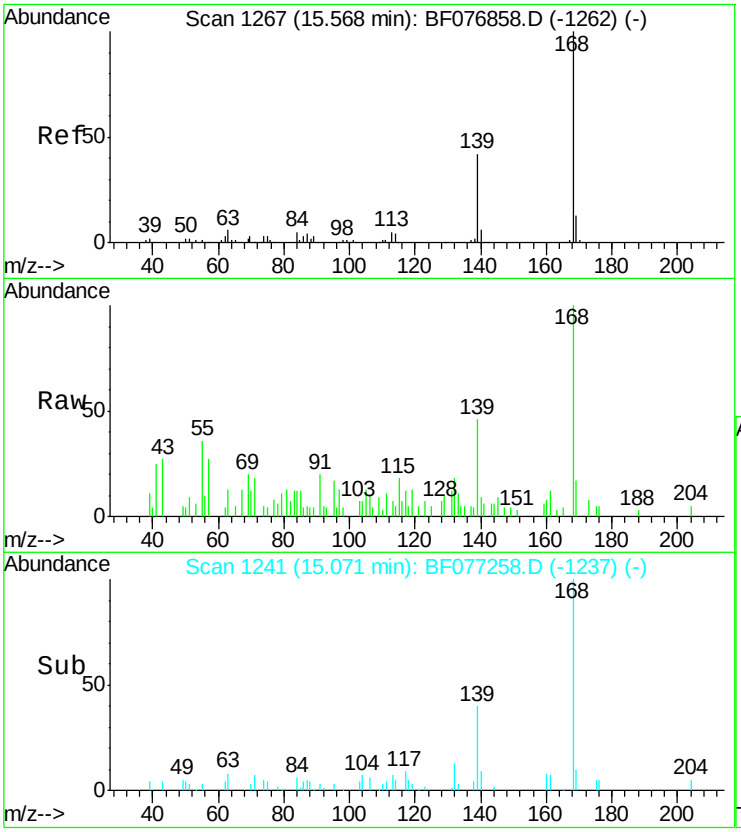


#51
Acenaphthene
Concen: 5.52 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:154 Resp: 24151

Ion	Ratio	Lower	Upper
154	100		
153	114.9	87.0	130.6
152	52.9	43.5	65.3

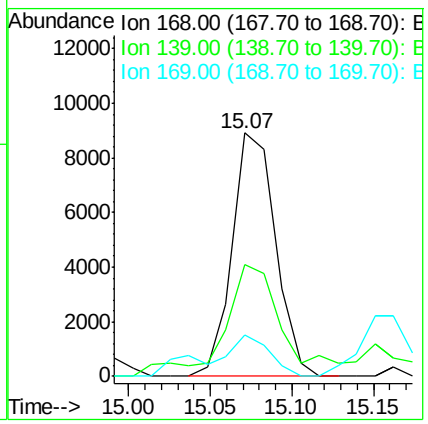




#54
Dibenzofuran
Concen: 2.57 ng
RT: 15.07 min Scan# 1241
Delta R.T. -0.06 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:168 Resp: 16381

Ion	Ratio	Lower	Upper
168	100		
139	45.7	33.4	50.2
169	17.1	10.6	15.8#



Instrument :
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ClientSampleId :
MW-1

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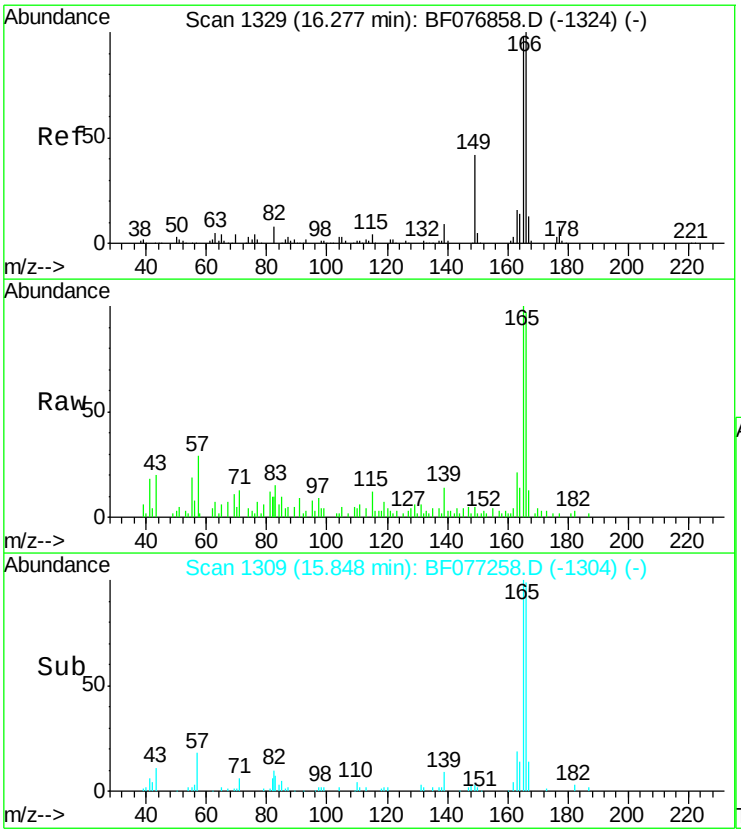
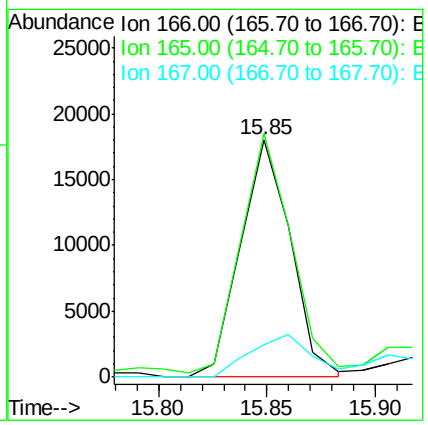
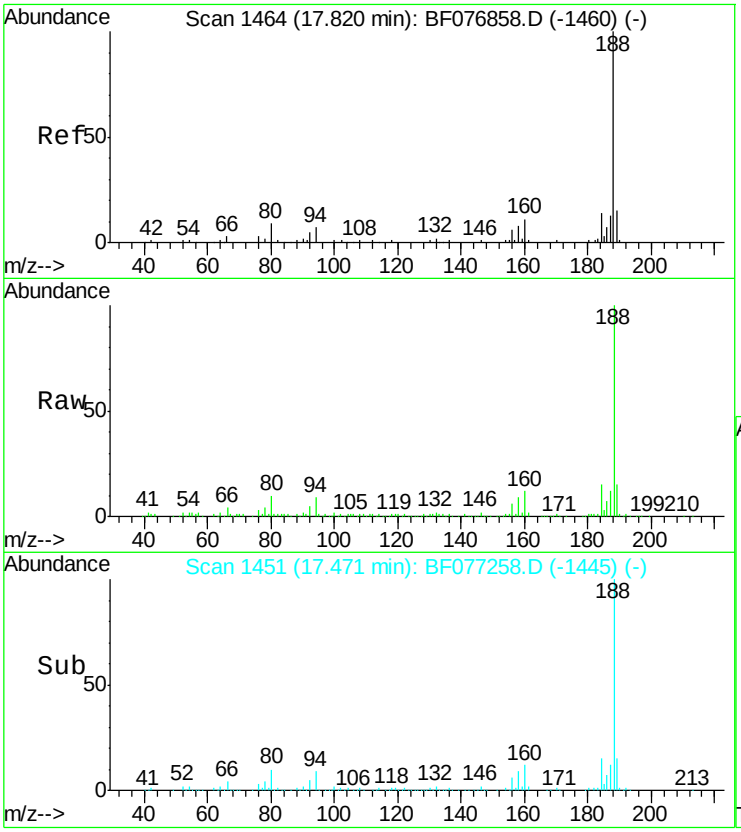


#57
Fluorene
Concen: 5.38 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:166 Resp: 29028

Ion	Ratio	Lower	Upper
166	100		
165	102.6	78.5	117.7
167	13.8	10.4	15.6

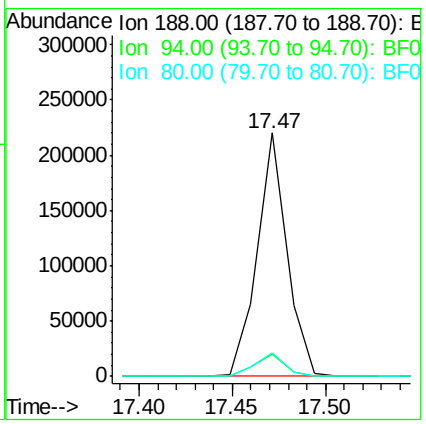




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.03 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:188 Resp: 242966

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.0	9.0
80	9.8	6.9	10.3



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations APPROVED
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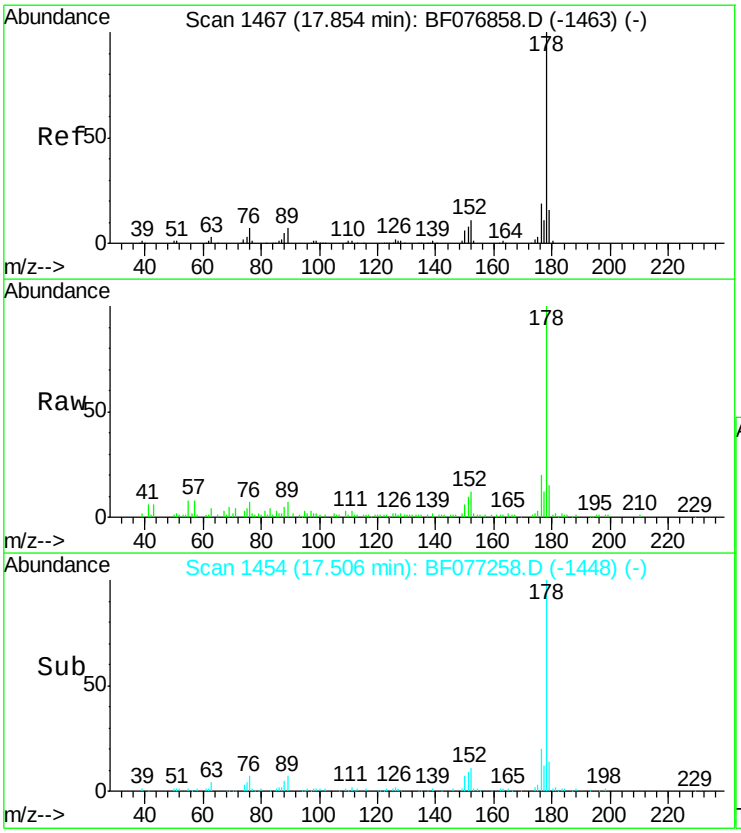
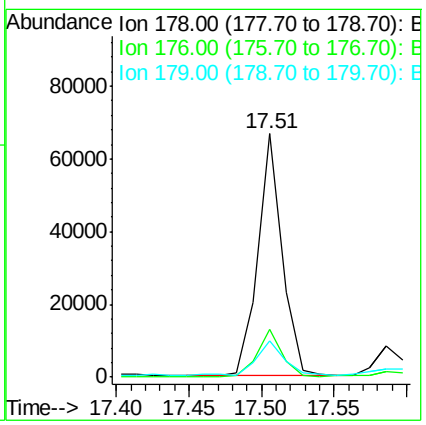
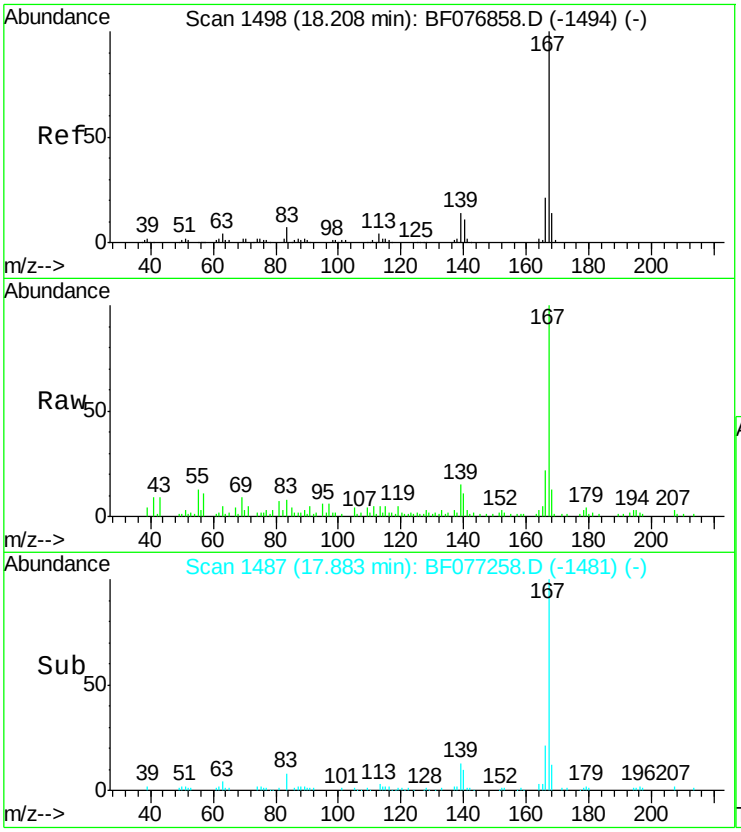


#70
Phenanthrene
Concen: 10.24 ng
RT: 17.51 min Scan# 1454
Delta R.T. -0.03 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:178 Resp: 77579

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	14.8	12.7	19.1

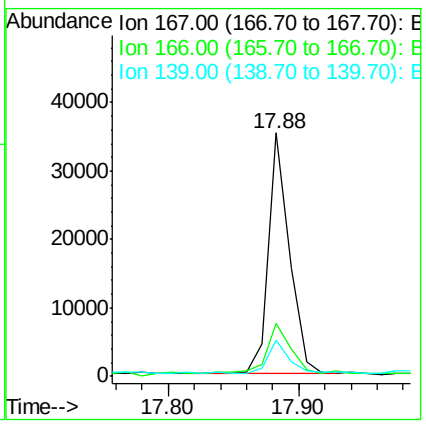




#72
Carbazole
Concen: 5.49 ng
RT: 17.88 min Scan# 1487
Delta R.T. -0.03 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:167 Resp: 39361

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	14.8	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
MW-1

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apatel
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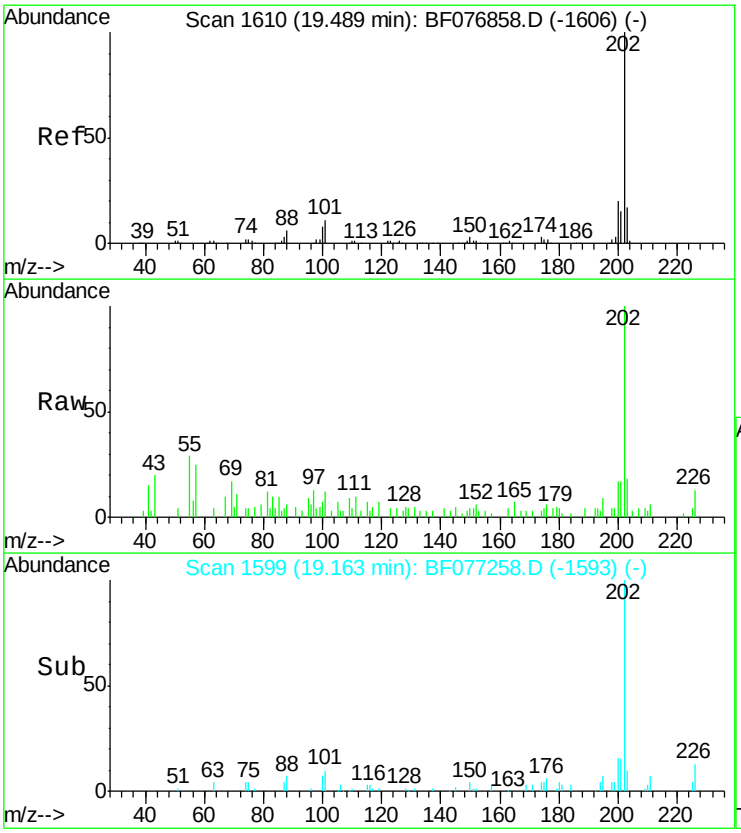
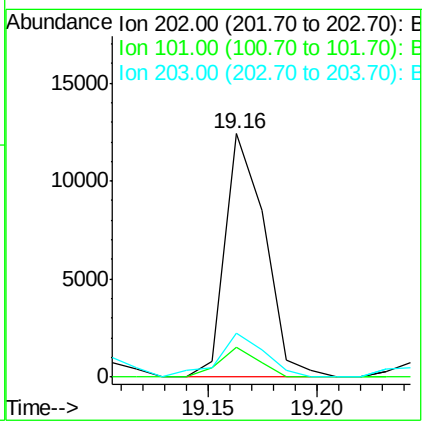
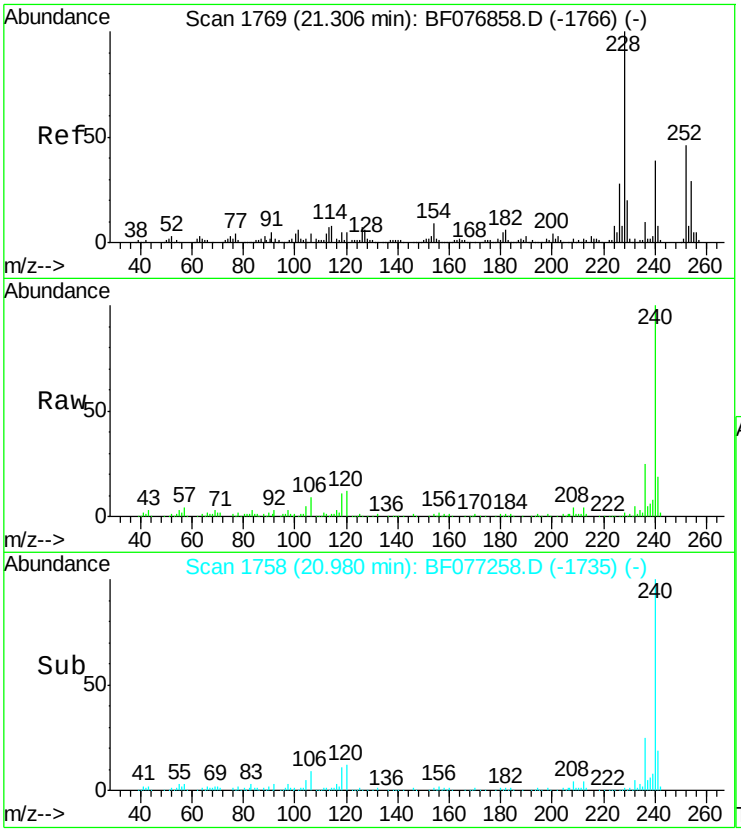


#74
Fluoranthene
Concen: 2.03 ng
RT: 19.16 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:202 Resp: 15747

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.7
203	17.9	0.0	36.9

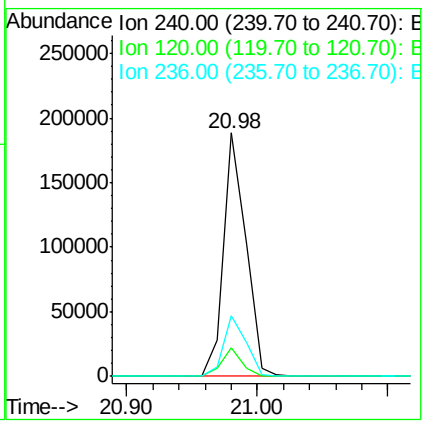




#75
Chrysene-d12
Concen: 40.00 ng
RT: 20.98 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

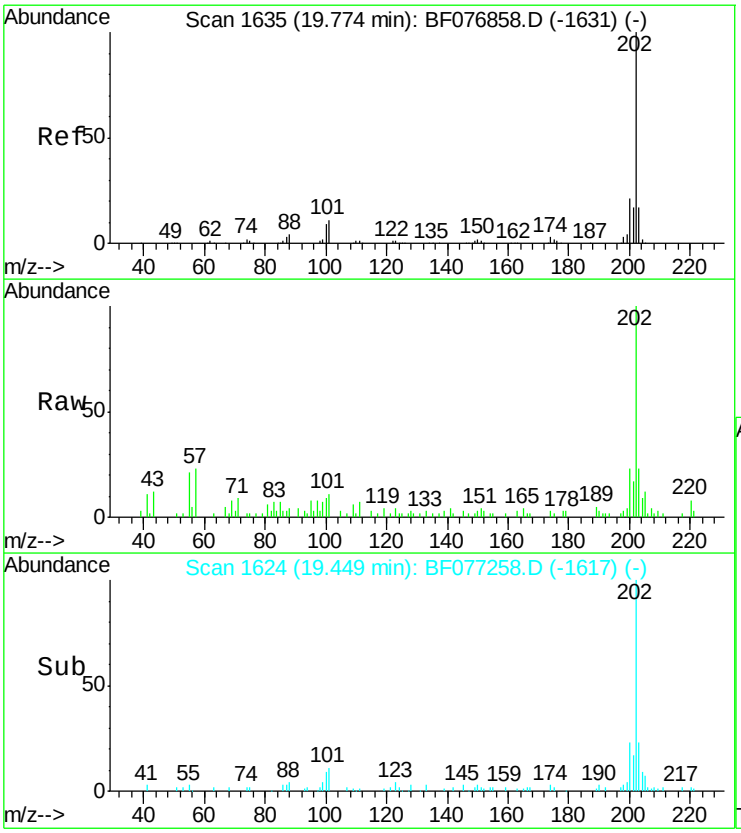
Tgt Ion:240 Resp: 224828

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.4	15.6
236	25.1	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
MW-1

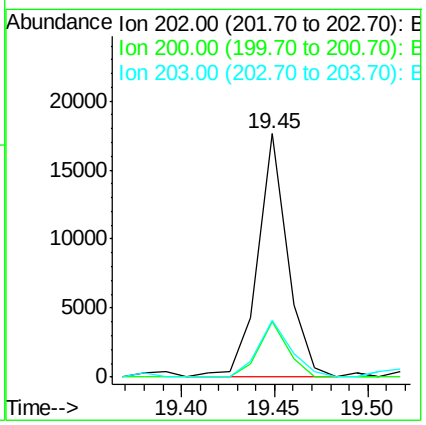
Manual Integrations APPROVED
apatel
2/12/2015 4:13:34 PM

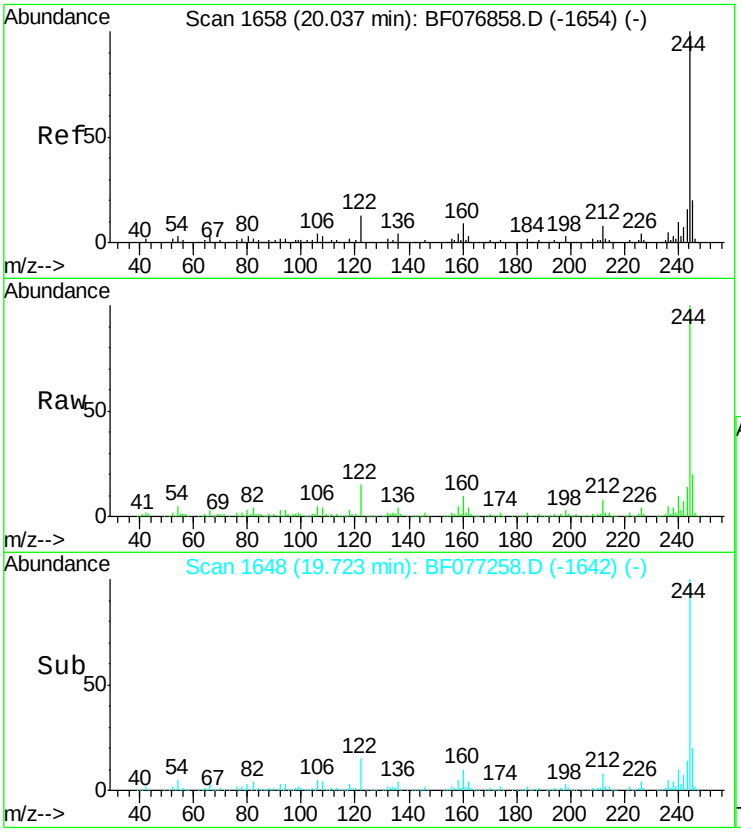


#77
Pyrene
Concen: 2.53 ng
RT: 19.45 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:202 Resp: 19519

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.7	25.1
203	23.1	14.0	21.0#

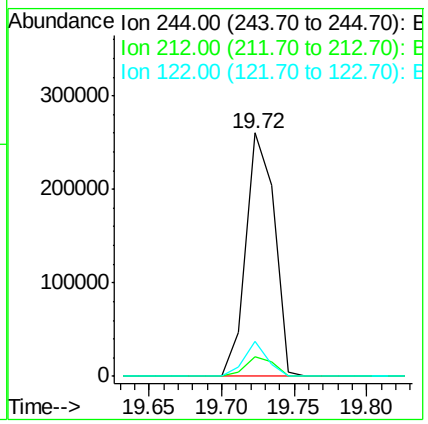




#78
Terphenyl-d14
Concen: 72.64 ng
RT: 19.72 min Scan# 1648
Delta R.T. -0.03 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:244 Resp: 354682

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	14.6	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
MW-1

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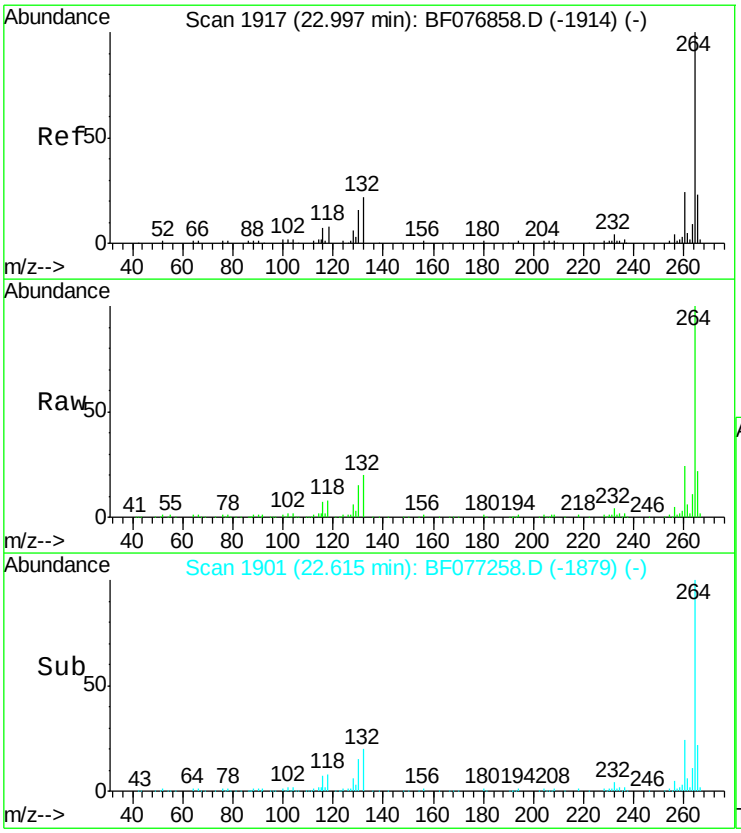

#86
Perylene-d12
Concen: 40.00 ng
RT: 22.61 min Scan# 1901
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:264 Resp: 202011

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.8	18.1	27.1