Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
Data File : BF077457.D
Acq On : 26 Feb 2015 4:20
Operator : IZ / TP
Sample : G1358-07
Misc : S/DOD
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU012-SB-14-8.5

Manual Integrations APPROVED
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2/27/2015 10:56:33 AM

Quant Time: Feb 26 17:10:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 19 16:57:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	89286	20.00	ng		-0.05
21) Naphthalene-d8	8.86	136	359794	20.00	ng		-0.05
38) Acenaphthene-d10	11.04	164	184963	20.00	ng		-0.06
63) Phenanthrene-d10	12.88	188	364816	20.00	ng		-0.06
75) Chrysene-d12	16.17	240	392993	20.00	ng		-0.06
86) Perylene-d12	17.89	264	394102	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	376105	70.32	ng		-0.03
7) Phenol-d6	6.84	99	458259	66.64	ng		-0.03
23) Nitrobenzene-d5	7.97	82	263590	45.56	ng		-0.06
41) 2,4,6-Tribromophenol	12.02	330	124663	70.00	ng		-0.05
44) 2-Fluorobiphenyl	10.21	172	533910	45.01	ng		-0.05
78) Terphenyl-d14	14.88	244	626269	37.25	ng		-0.06
Target Compounds							Qvalue
74) Fluoranthene	14.40	202	79436	3.44	ng		99
77) Pyrene	14.66	202	77806	3.24	ng	#	95
82) Chrysene	16.20	228	44875m	2.07	ng		

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

Quantitation Report (QT Reviewed)

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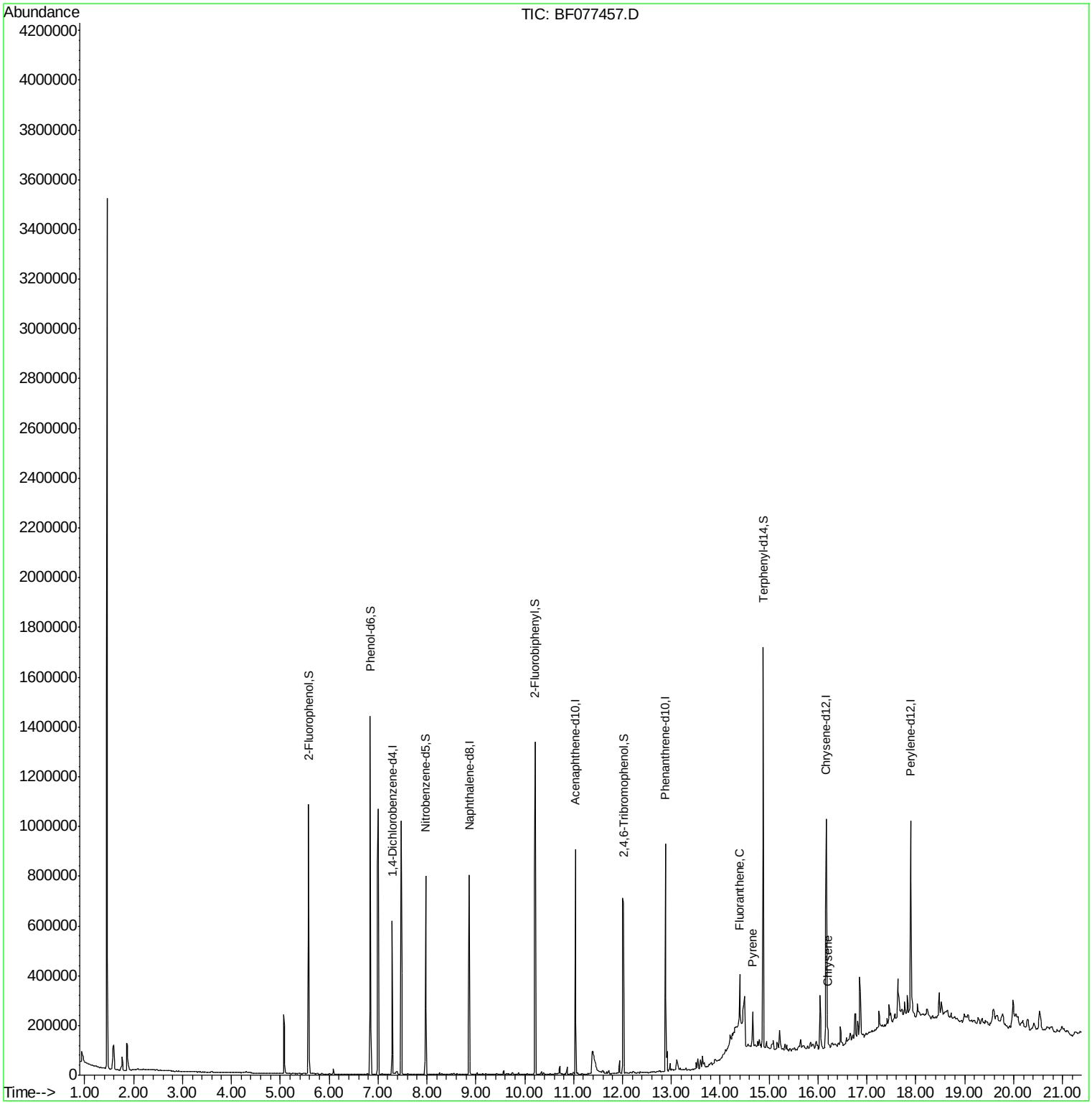
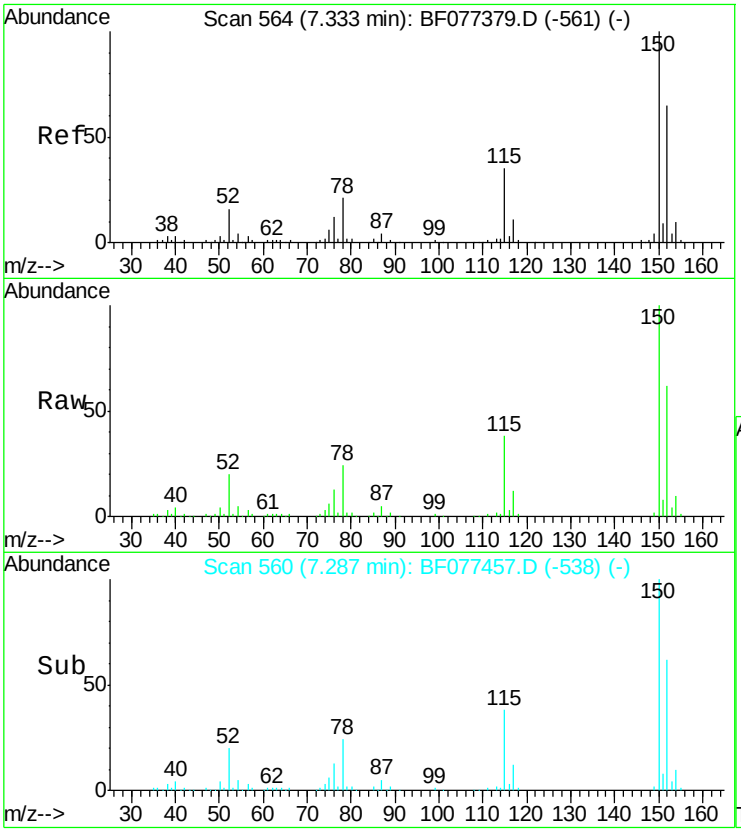
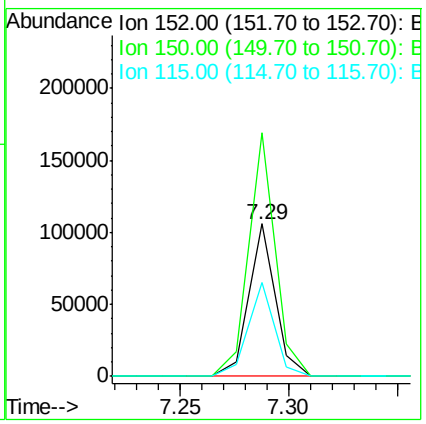




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:152 Resp: 89286

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.0	186.0
115	61.5	49.4	74.2



Instrument :
BNA_F
ClientSampleId :
TU012-SB-14-8.5

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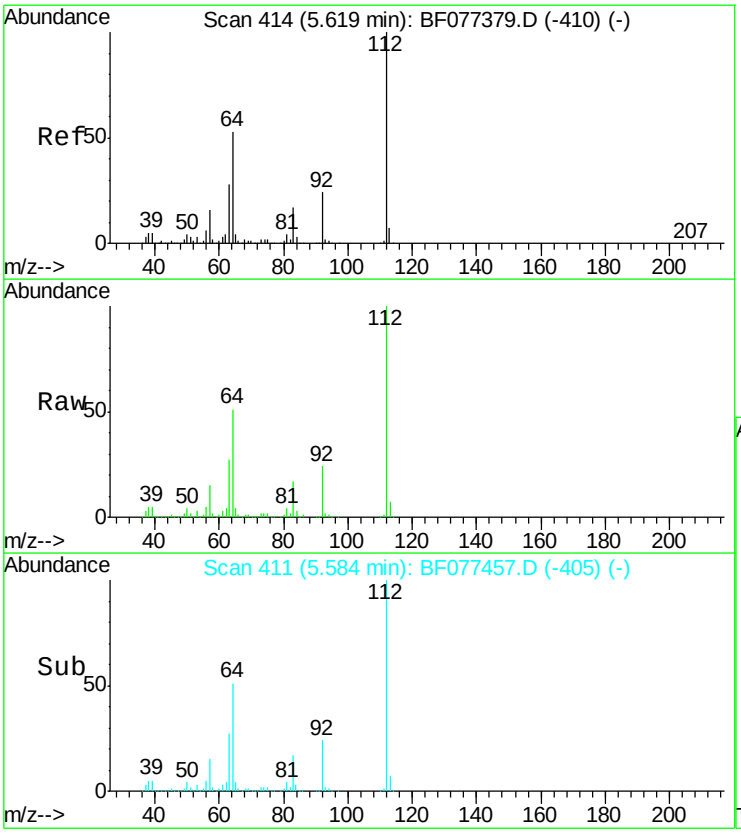
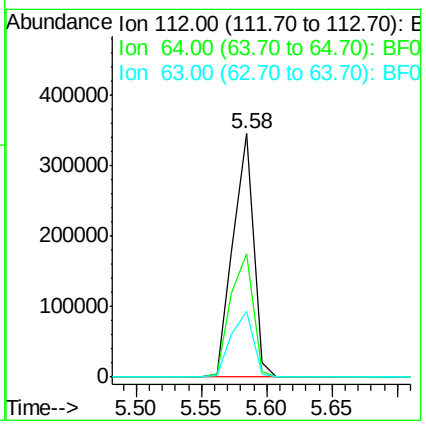
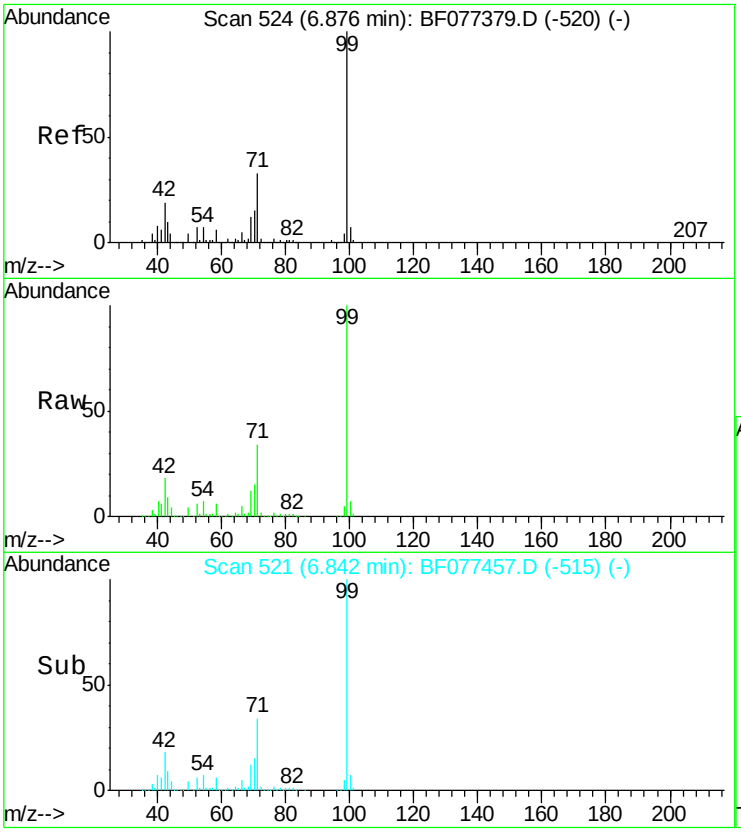


#5
2-Fluorophenol
Concen: 70.32 ng
RT: 5.58 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:112 Resp: 376105

Ion	Ratio	Lower	Upper
112	100		
64	50.7	48.5	72.7
63	26.7	25.0	37.4

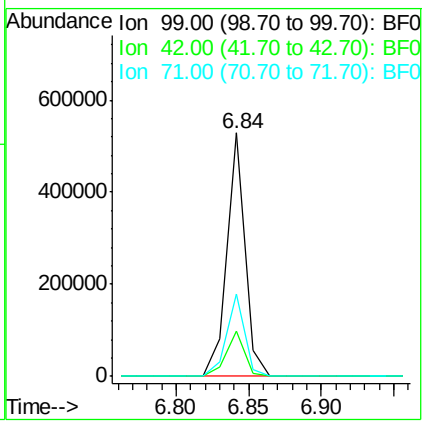




#7
Phenol-d6
Concen: 66.64 ng
RT: 6.84 min Scan# 521
Delta R.T. -0.03 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion: 99 Resp: 458259

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.2	24.4
71	33.6	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
TU012-SB-14-8.5

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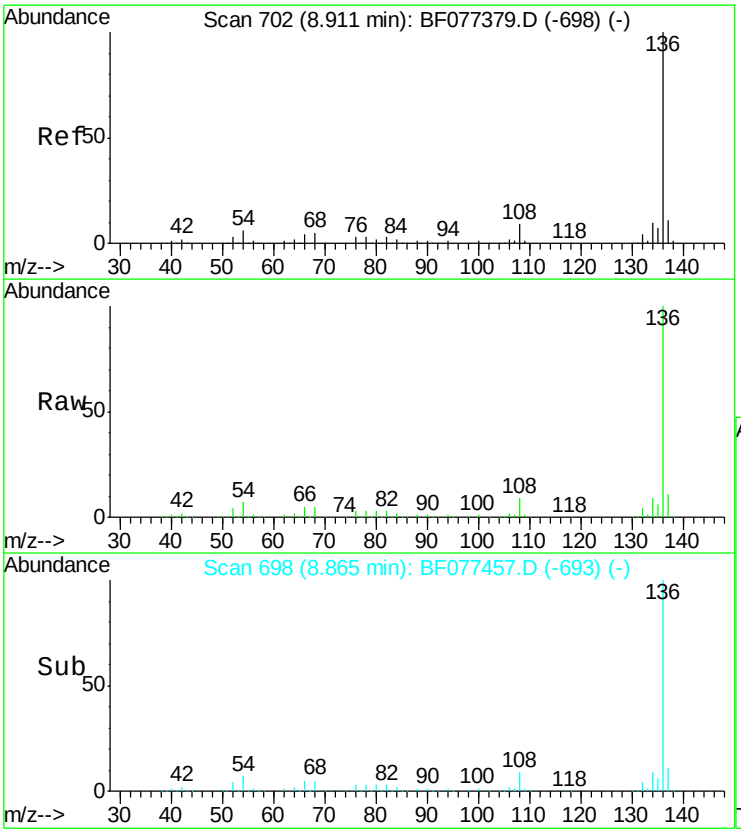
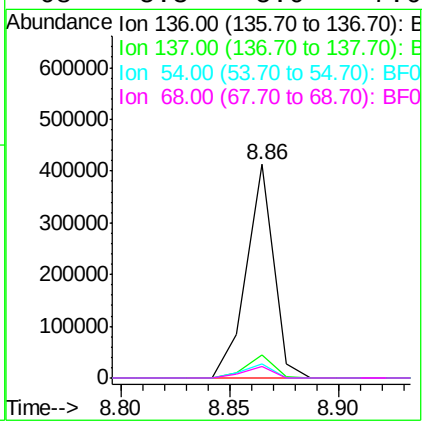
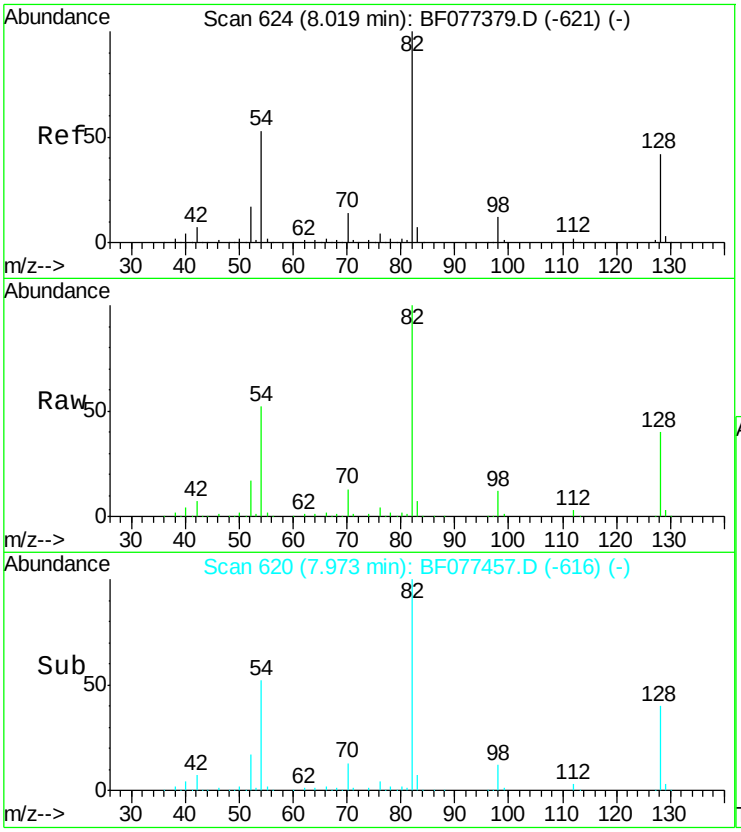


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:136 Resp: 359794

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.8	6.2	9.4
68	5.3	5.0	7.6

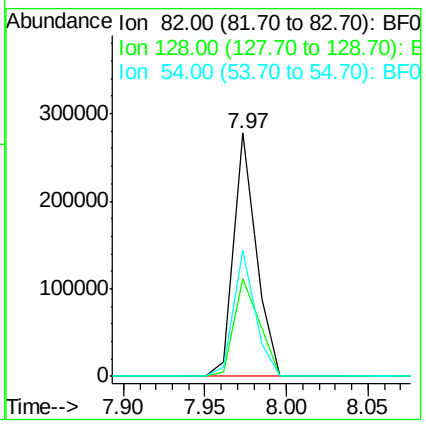




#23
Nitrobenzene-d5
Concen: 45.56 ng
RT: 7.97 min Scan# 620
Delta R.T. -0.06 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion: 82 Resp: 263590

Ion	Ratio	Lower	Upper
82	100		
128	40.4	43.8	65.8#
54	51.7	36.7	55.1



Instrument :
BNA_F
ClientSampleId :
TU012-SB-14-8.5

Manual Integrations APPROVED
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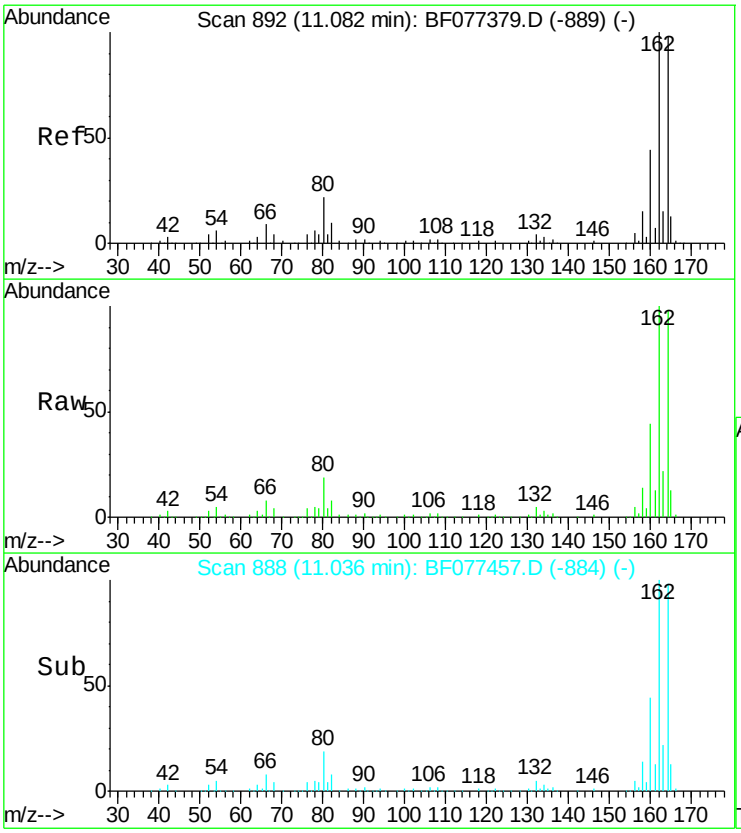
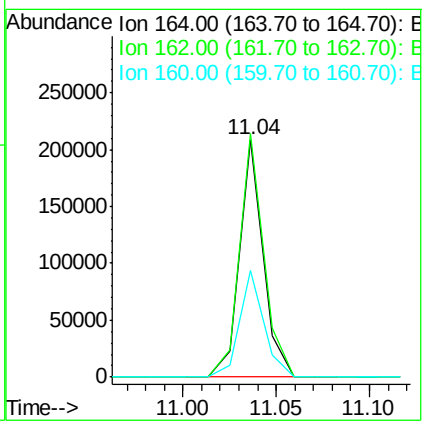
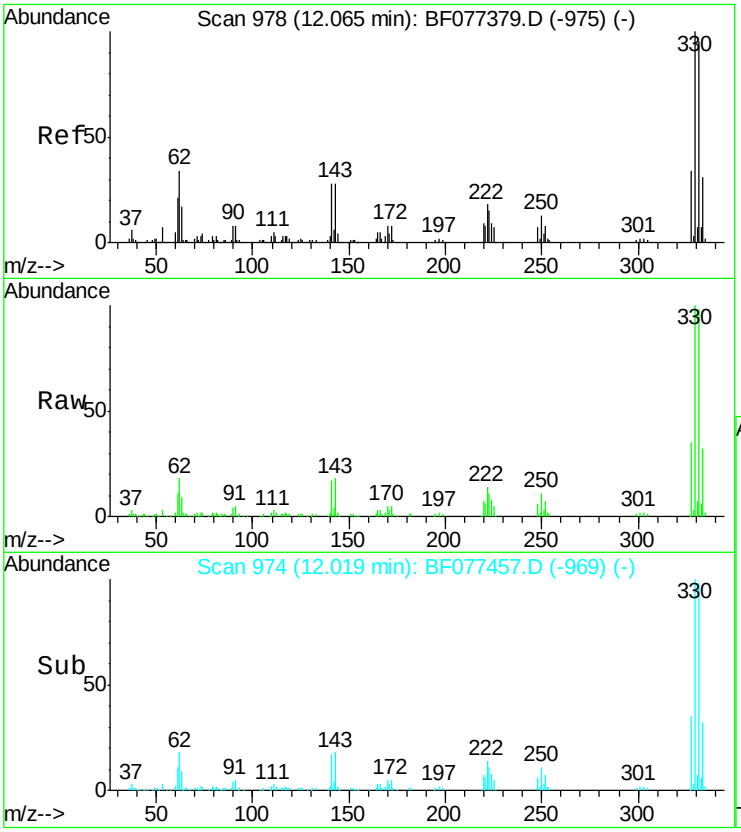


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:164 Resp: 184963

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.2	124.8
160	44.6	34.6	52.0

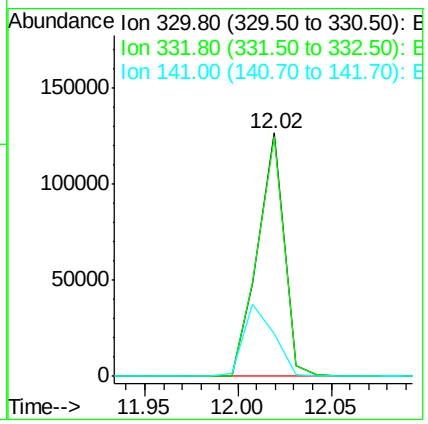




#41
2,4,6-Tribromophenol
Concen: 70.00 ng
RT: 12.02 min Scan# 974
Delta R.T. -0.05 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:330 Resp: 124663

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.4	116.2
141	33.8	28.8	43.2



Instrument :
BNA_F
ClientSampleId :
TU012-SB-14-8.5

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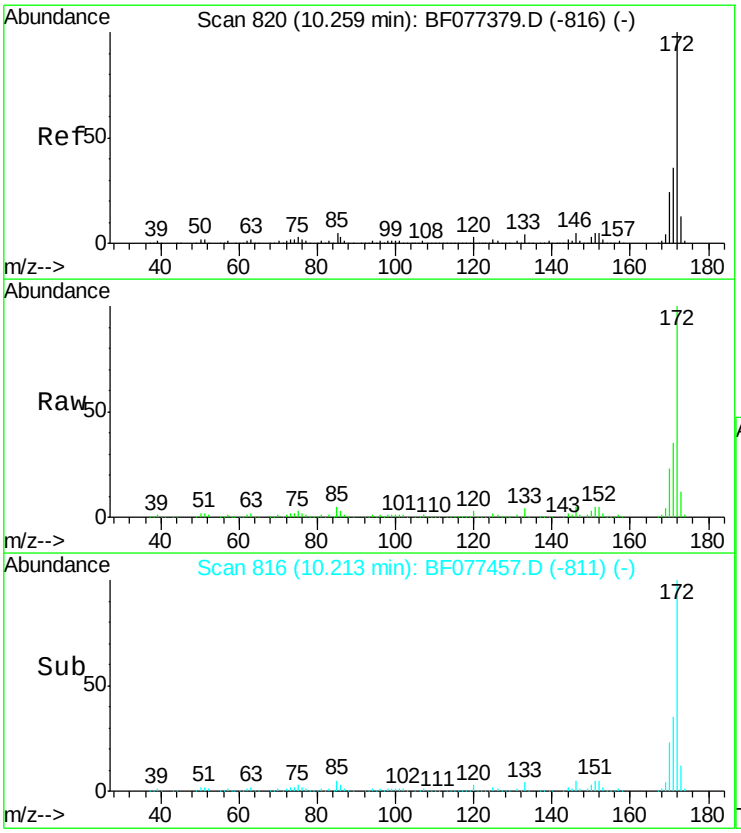
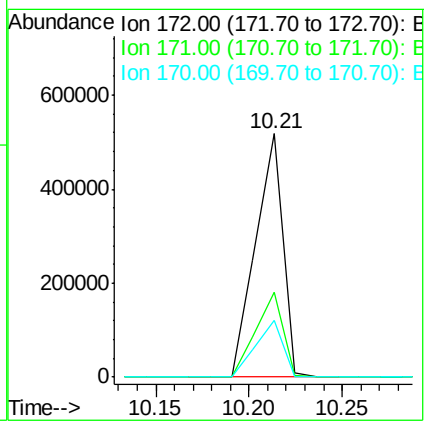
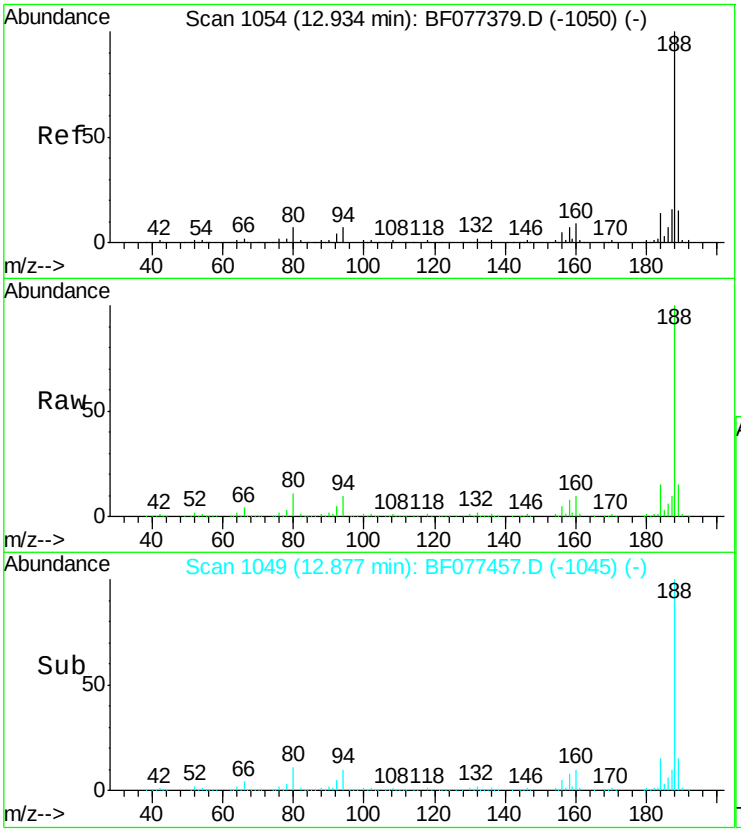


#44
2-Fluorobiphenyl
Concen: 45.01 ng
RT: 10.21 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:172 Resp: 533910

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.2	19.4	29.2

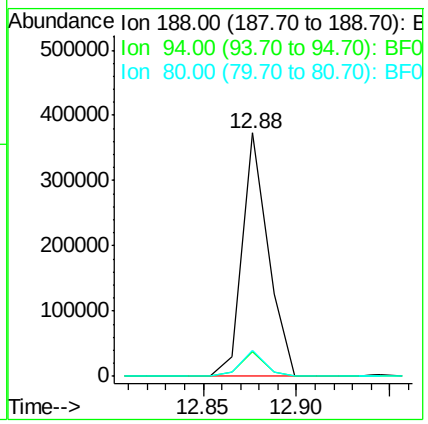




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1049
Delta R.T. -0.06 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:188 Resp: 364816

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.4	11.2
80	10.7	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
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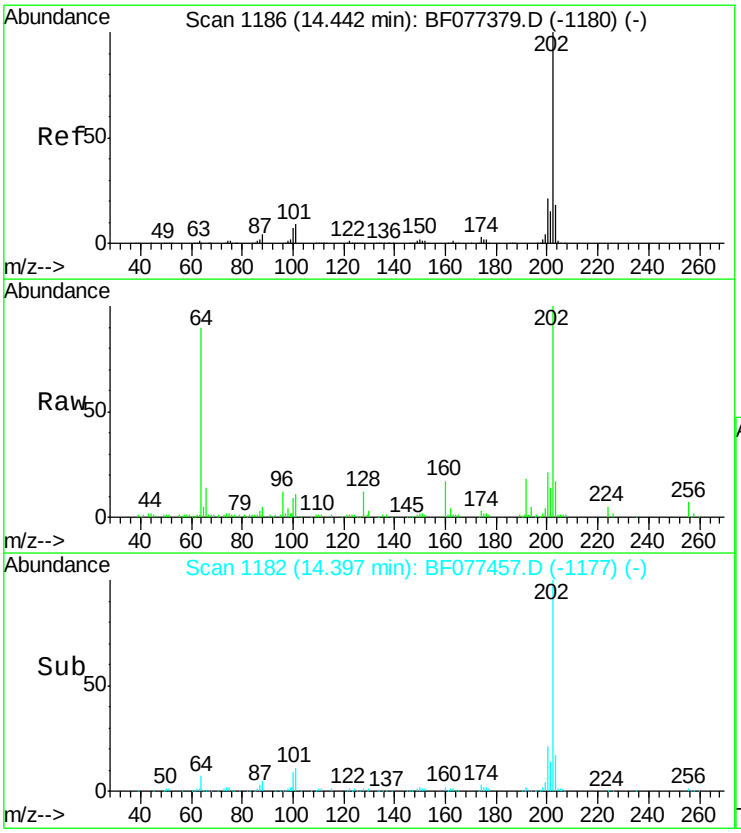
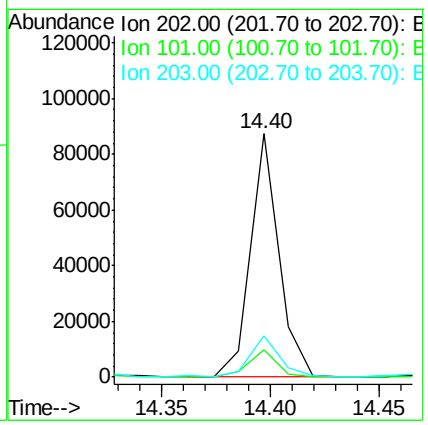
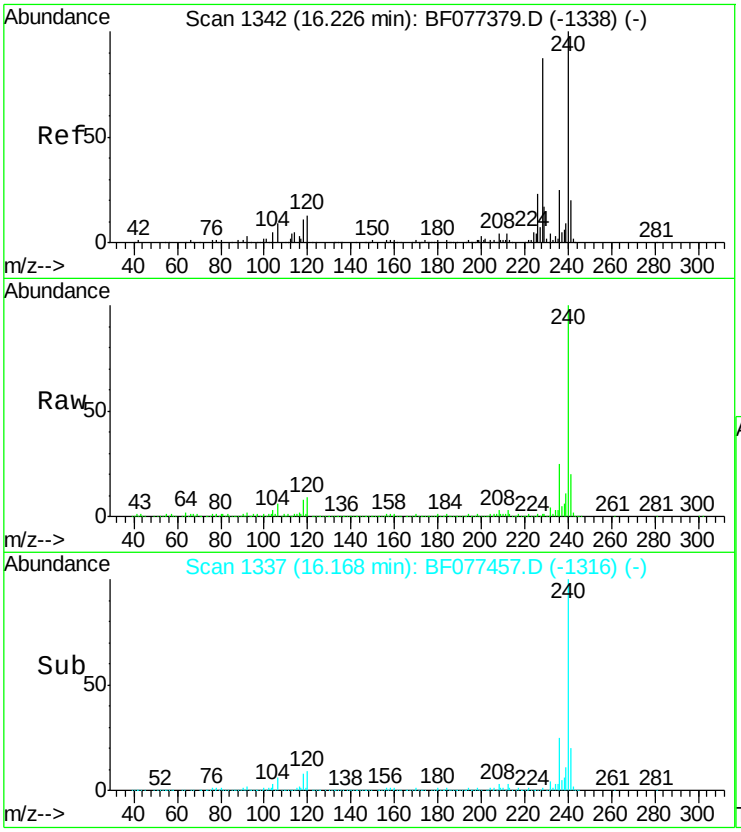


#74
Fluoranthene
Concen: 3.44 ng
RT: 14.40 min Scan# 1182
Delta R.T. -0.05 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:202 Resp: 79436

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.8
203	17.1	0.0	37.7





#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1337
Delta R.T. -0.06 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:240 Resp: 392993

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.8	13.2
236	25.2	20.7	31.1

Instrument :
BNA_F
ClientSampleId :
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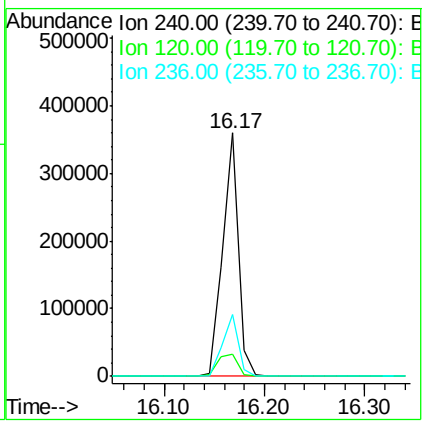
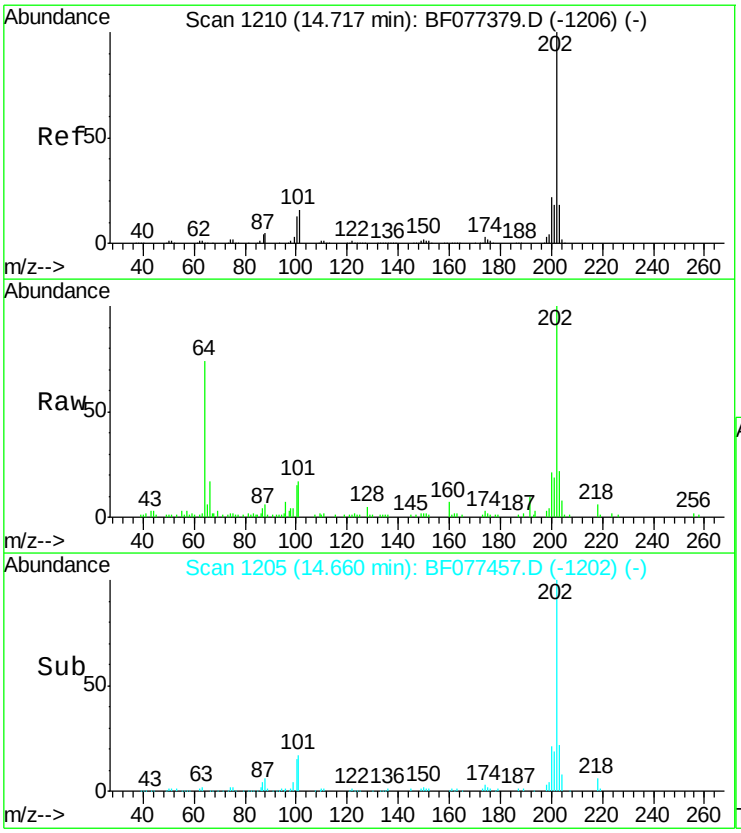
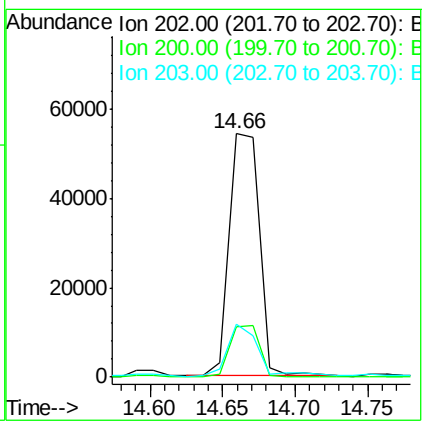


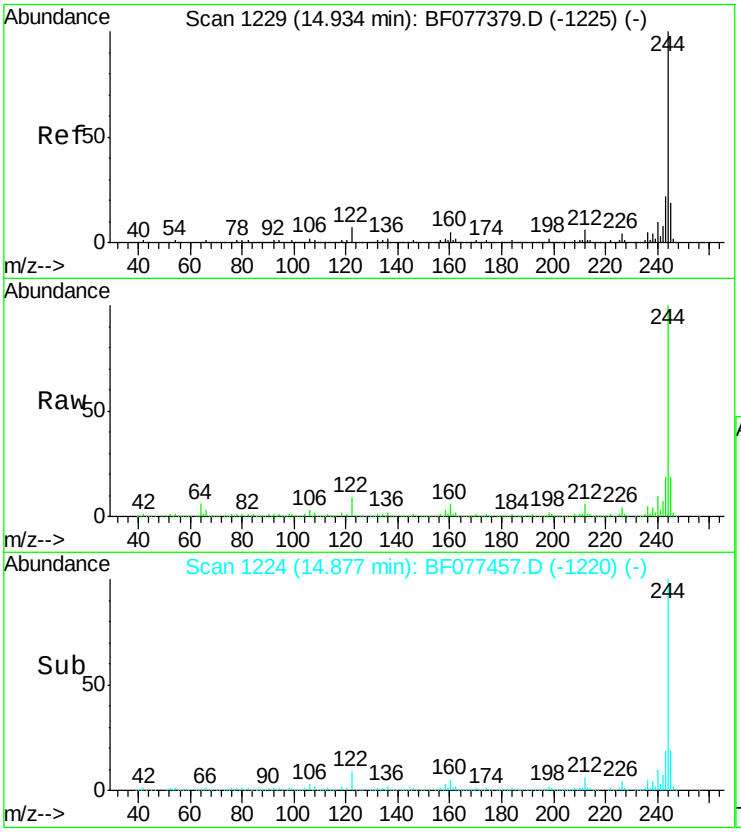


#77
Pyrene
Concen: 3.24 ng
RT: 14.66 min Scan# 1205
Delta R.T. -0.07 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:202 Resp: 77806

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.1	25.7
203	21.5	14.2	21.2#





#78
Terphenyl-d14
Concen: 37.25 ng
RT: 14.88 min Scan# 1224
Delta R.T. -0.06 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:244 Resp: 626269

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.2	7.8
122	8.8	7.8	11.8

Instrument :
BNA_F
ClientSampleId :
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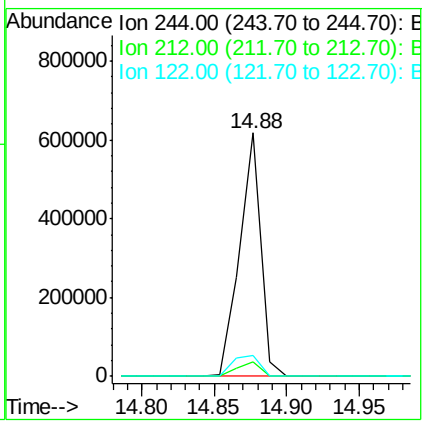
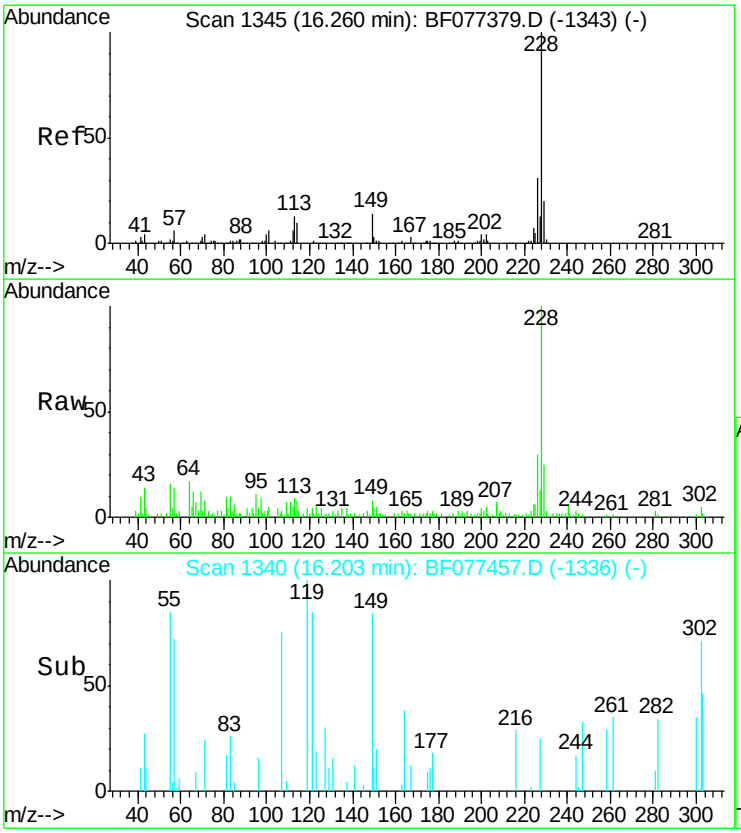
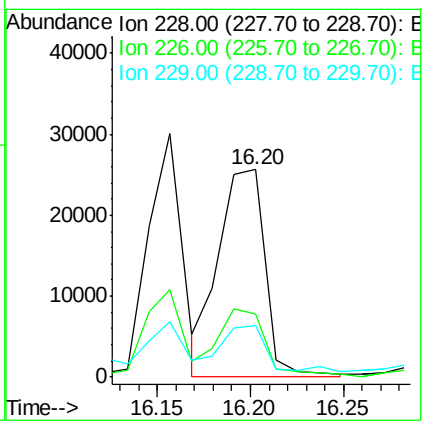


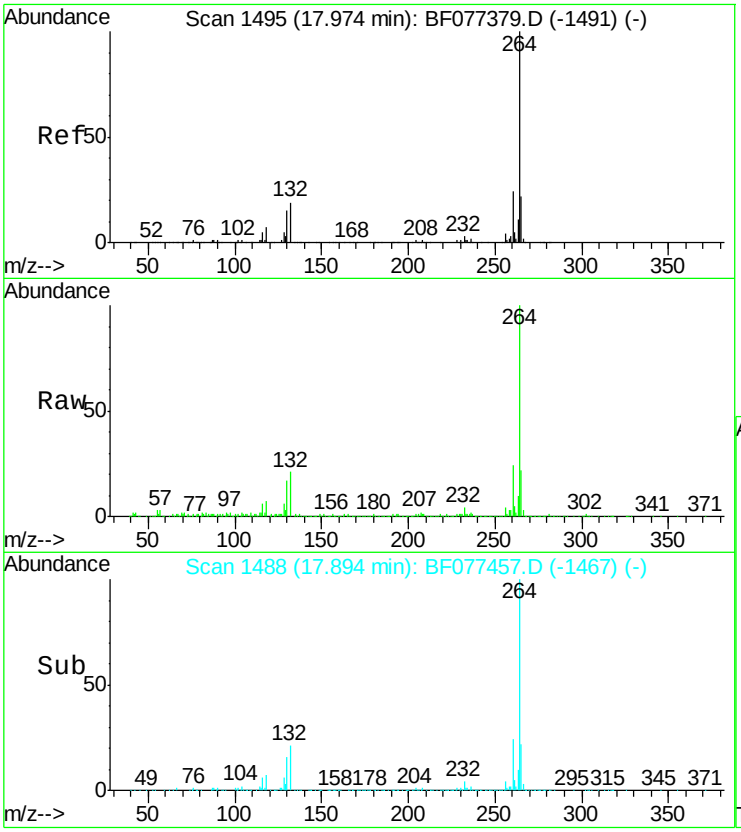


#82
Chrysene
Concen: 2.07 ng m
RT: 16.20 min Scan# 1340
Delta R.T. -0.06 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:228 Resp: 44875

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	24.8	16.4	24.6#

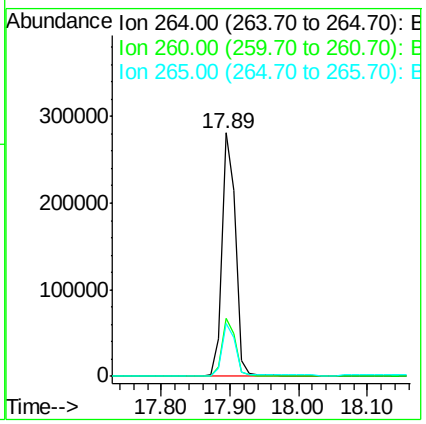




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.89 min Scan# 1488
Delta R.T. -0.06 min
Lab File: BF077457.D
Acq: 26 Feb 2015 4:20

Tgt Ion:264 Resp: 394102

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.0	16.8	25.2



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2/27/2015 10:56:33 AM