Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079498.D
Acq On : 27 May 2015 2:52
Operator : TP/IZ
Sample : G2289-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-32S

Manual Integrations APPROVED
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5/27/2015 2:01:59 PM

Quant Time: May 27 06:43:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	66011	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	273368	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	133732	20.00	ng		0.00
63) Phenanthrene-d10	12.60	188	256668	20.00	ng		0.01
75) Chrysene-d12	15.87	240	280295	20.00	ng		0.00
86) Perylene-d12	17.57	264	292266	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	84934m	22.32	ng		0.01
7) Phenol-d6	6.62	99	108817m	22.43	ng		0.00
23) Nitrobenzene-d5	7.71	82	61101m	12.92	ng		0.00
41) 2,4,6-Tribromophenol	11.75	330	30659	20.87	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	141428	15.09	ng		0.00
78) Terphenyl-d14	14.59	244	164326	13.76	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	12.63	178	80596	5.72	ng		98
74) Fluoranthene	14.10	202	151599	10.04	ng		96
77) Pyrene	14.38	202	142599	8.21	ng		96
80) Benzo(a)anthracene	15.86	228	76071	4.72	ng		97
82) Chrysene	15.91	228	61850	4.04	ng		97
85) Indeno(1,2,3-cd)pyrene	18.88	276	54706	2.77	ng		96
87) Benzo(b)fluoranthene	17.14	252	94559m	5.67	ng		
88) Benzo(k)fluoranthene	17.17	252	36362m	2.44	ng		
89) Benzo(a)pyrene	17.51	252	75849	3.41	ng	#	96

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079498.D
Acq On : 27 May 2015 2:52
Operator : TP/IZ
Sample : G2289-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 27 06:43:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
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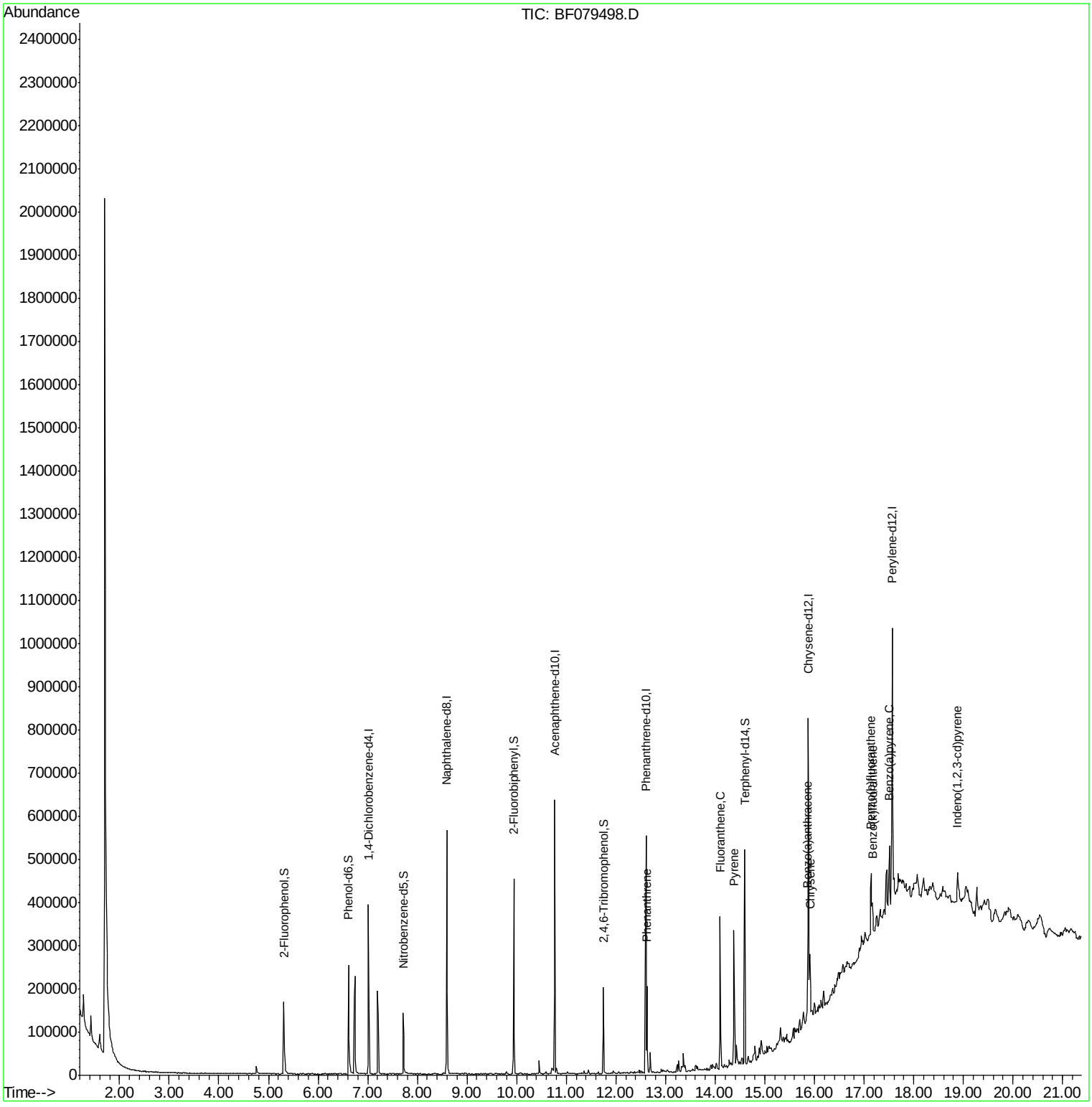
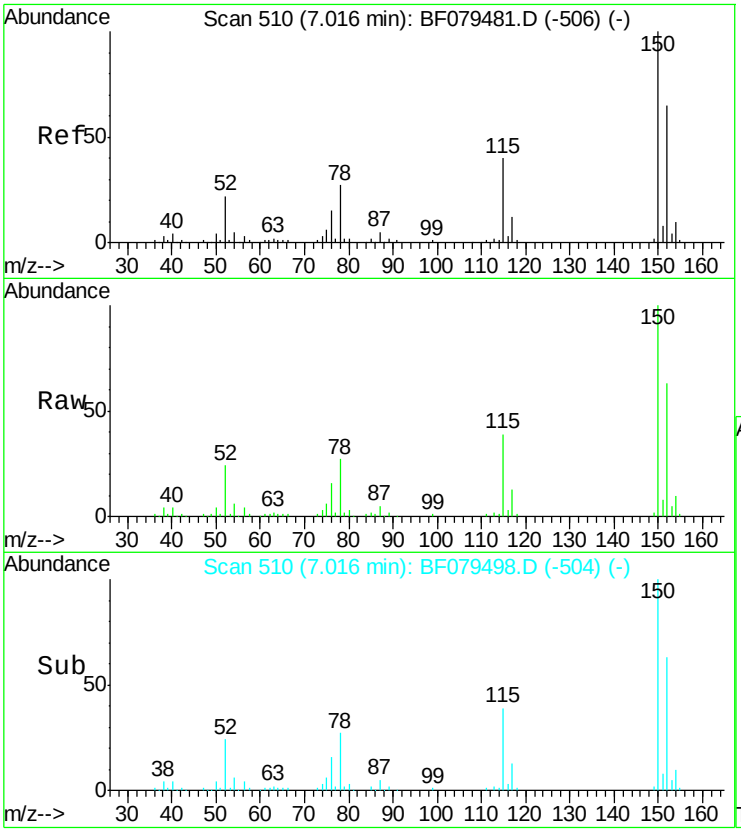
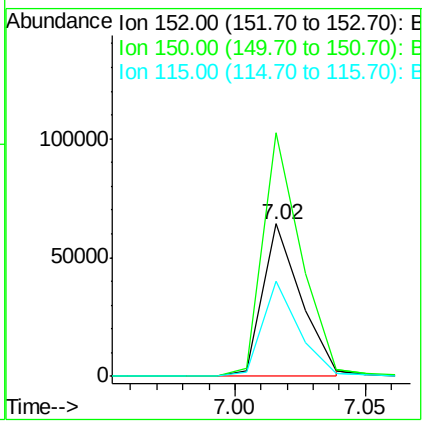




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:152 Resp: 66011

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.0	186.0
115	62.1	49.6	74.4



Instrument :
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ClientSampleId :
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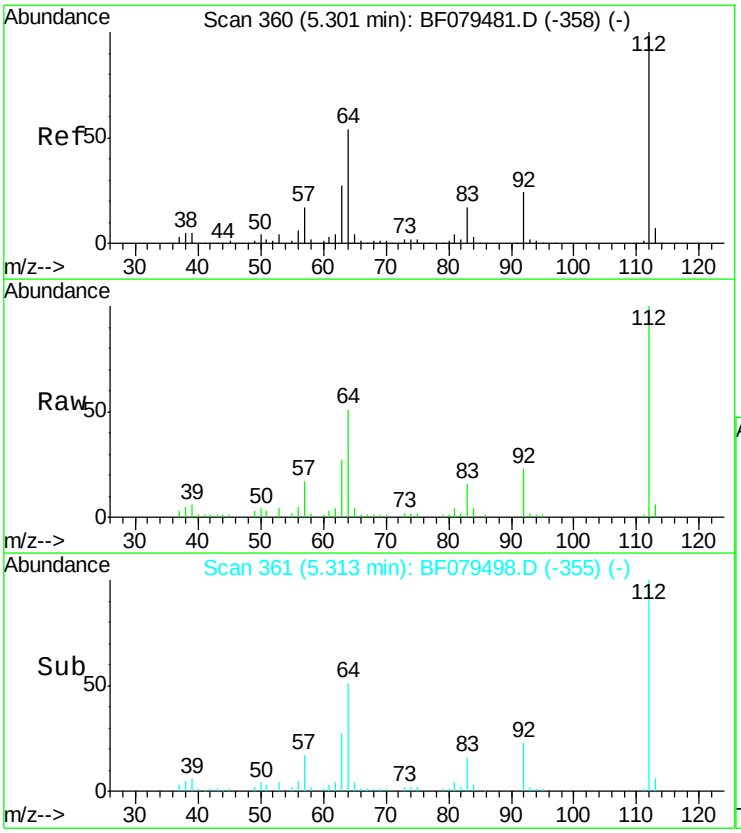
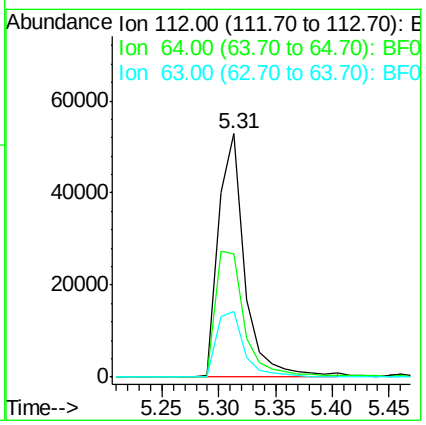
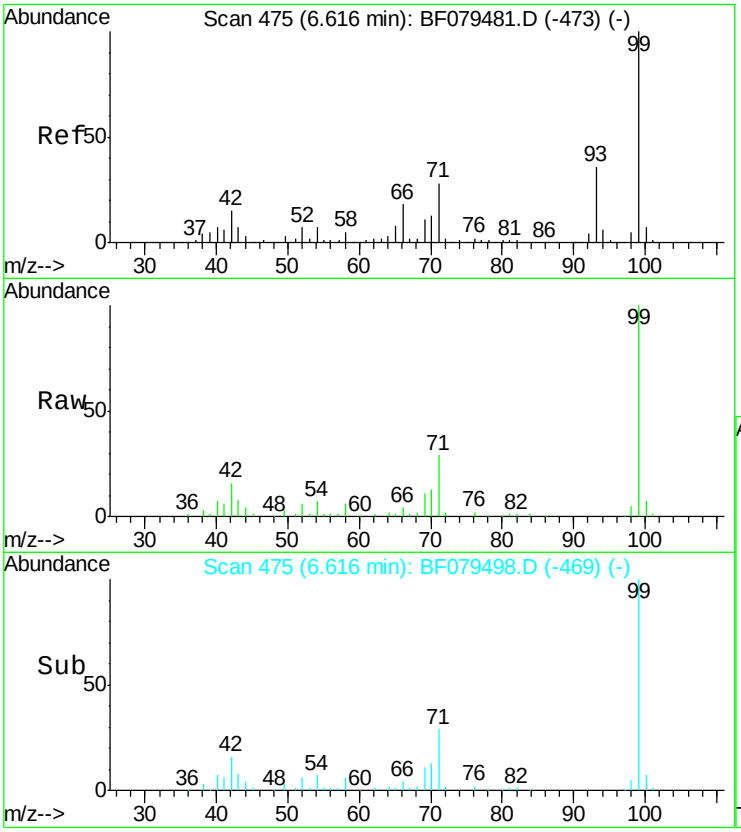


#5
2-Fluorophenol
Concen: 22.32 ng m
RT: 5.31 min Scan# 361
Delta R.T. 0.01 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:112 Resp: 84934

Ion	Ratio	Lower	Upper
112	100		
64	50.6	43.5	65.3
63	27.0	21.8	32.8

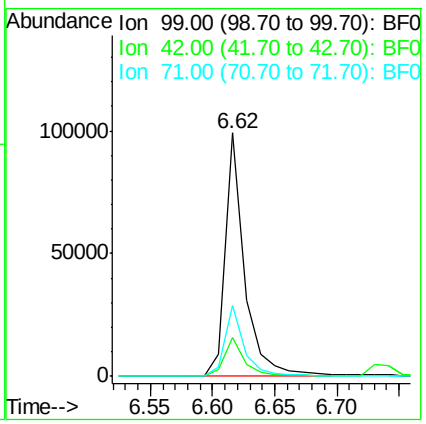




#7
Phenol-d6
Concen: 22.43 ng m
RT: 6.62 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion: 99 Resp: 108817

Ion	Ratio	Lower	Upper
99	100		
42	16.2	11.9	17.9
71	28.9	22.1	33.1



Instrument :
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ClientSampleId :
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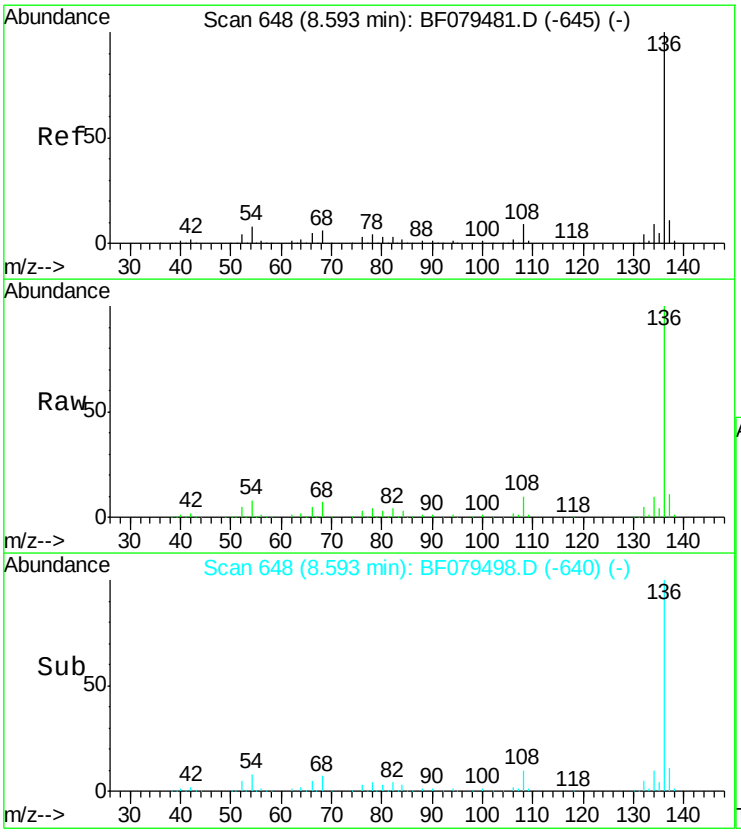
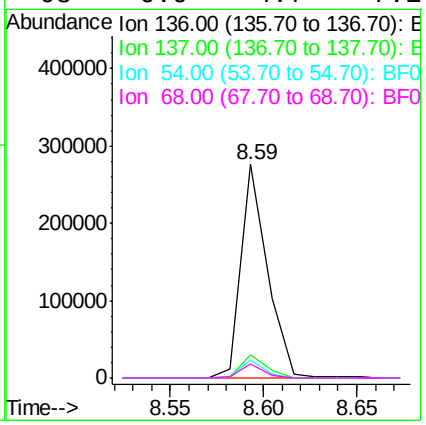
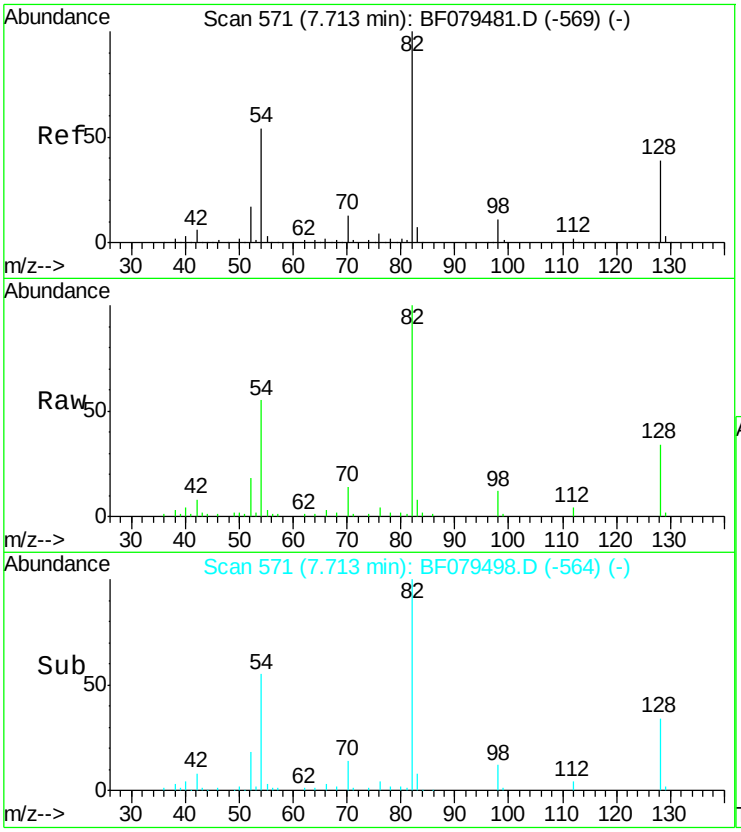


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:136 Resp: 273368

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.2	6.6	9.8
68	6.9	4.7	7.1

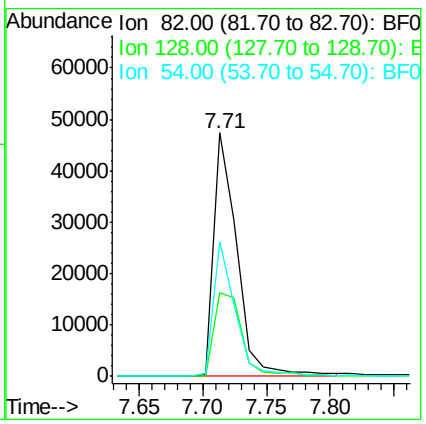




#23
Nitrobenzene-d5
Concen: 12.92 ng m
RT: 7.71 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion: 82 Resp: 61101

Ion	Ratio	Lower	Upper
82	100		
128	34.2	30.8	46.2
54	55.3	42.8	64.2



Instrument :
BNA_F
ClientSampleId :
SB-32S

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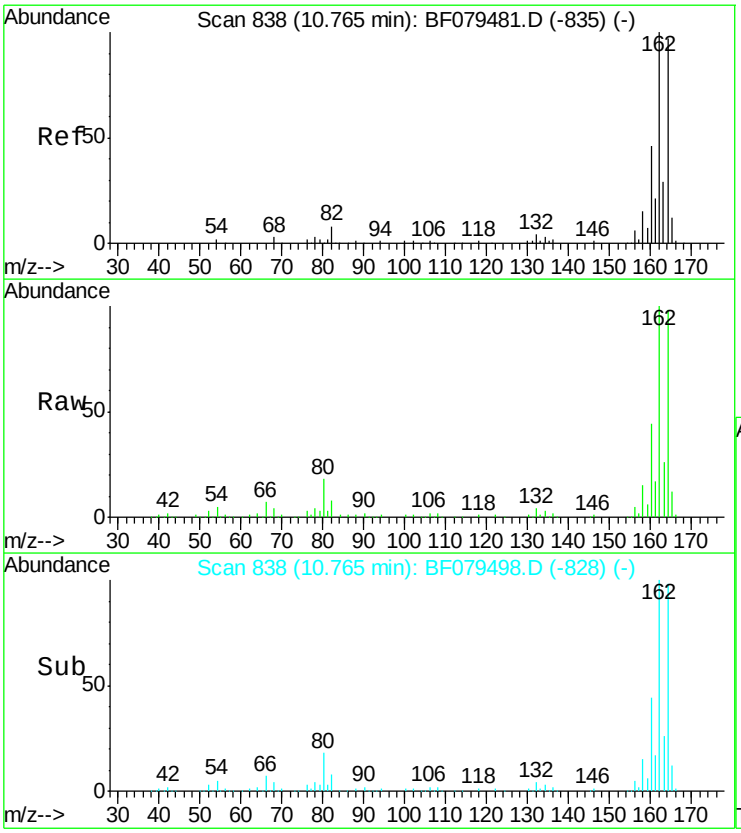
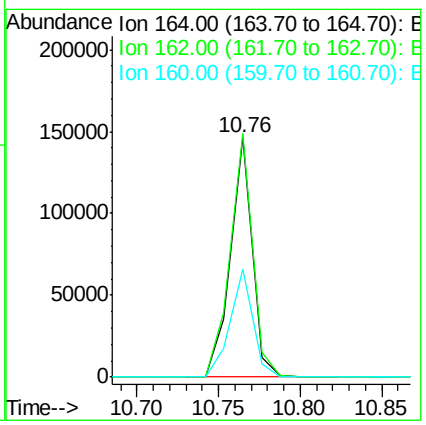
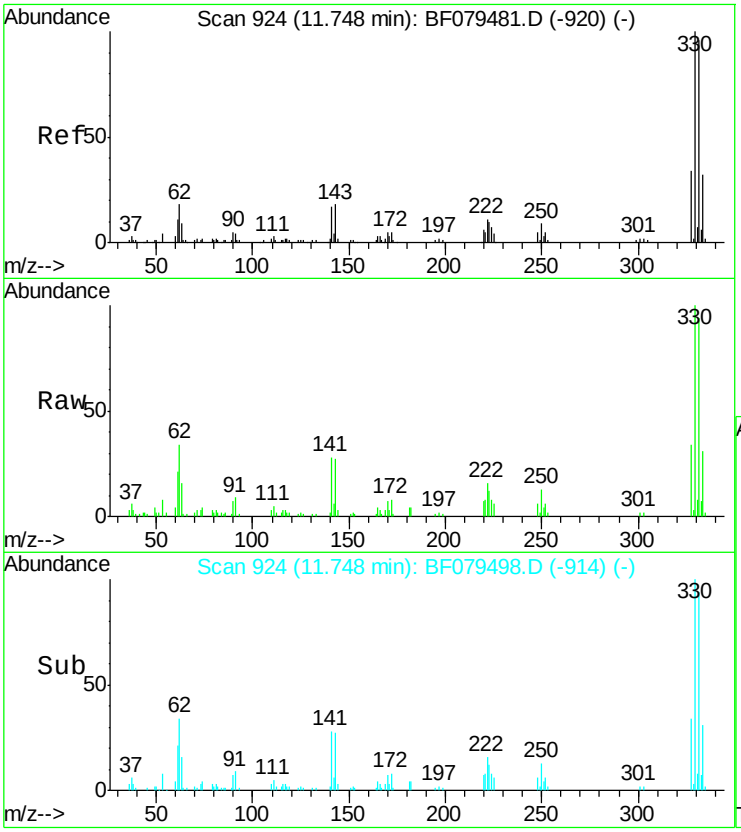


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:164 Resp: 133732

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	124.0
160	44.9	37.7	56.5

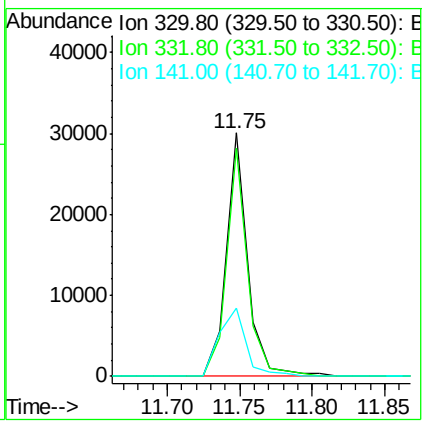




#41
2,4,6-Tribromophenol
Concen: 20.87 ng
RT: 11.75 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:330 Resp: 30659

Ion	Ratio	Lower	Upper
330	100		
332	92.8	0.0	0.0#
141	35.6	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
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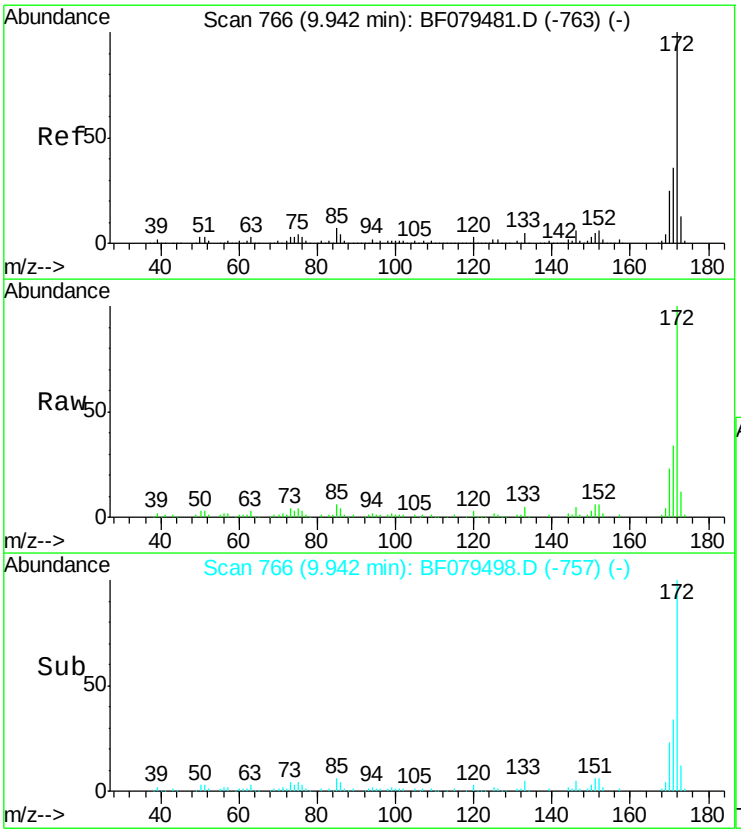
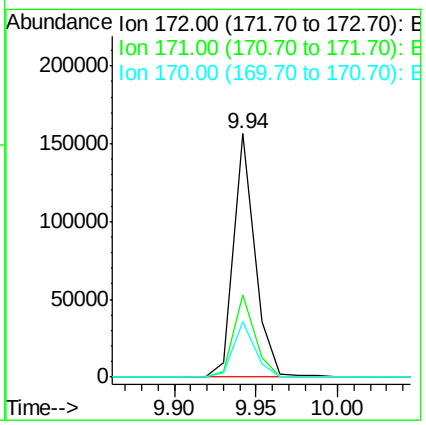
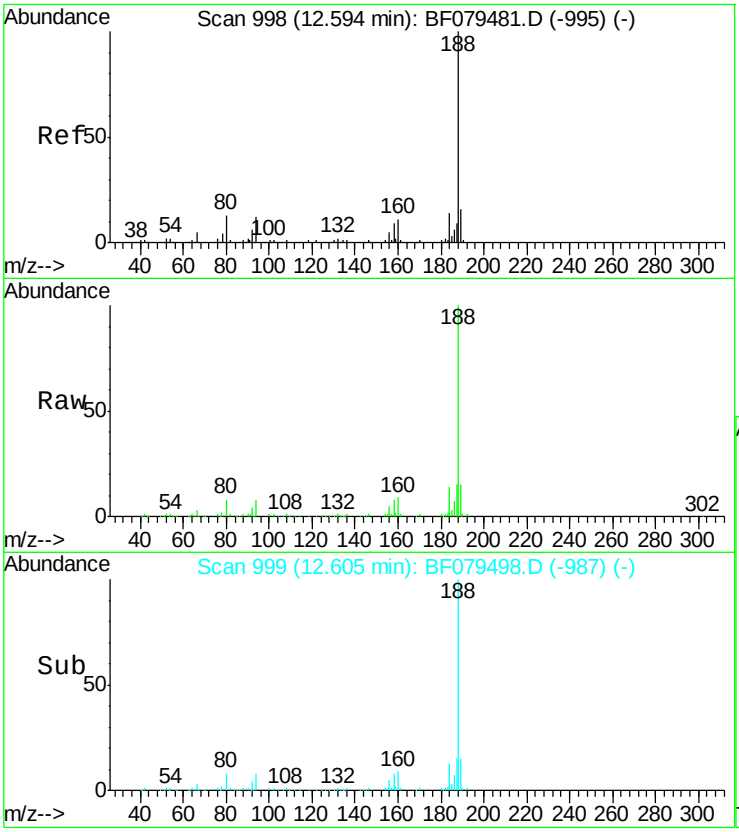


#44
2-Fluorobiphenyl
Concen: 15.09 ng
RT: 9.94 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:172 Resp: 141428

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.5	42.7
170	22.9	19.7	29.5

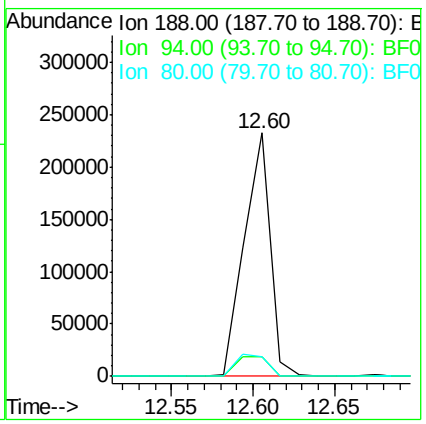




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:188 Resp: 256668

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.8	14.6#
80	8.0	10.5	15.7#



Instrument :
BNA_F
ClientSampleId :
SB-32S

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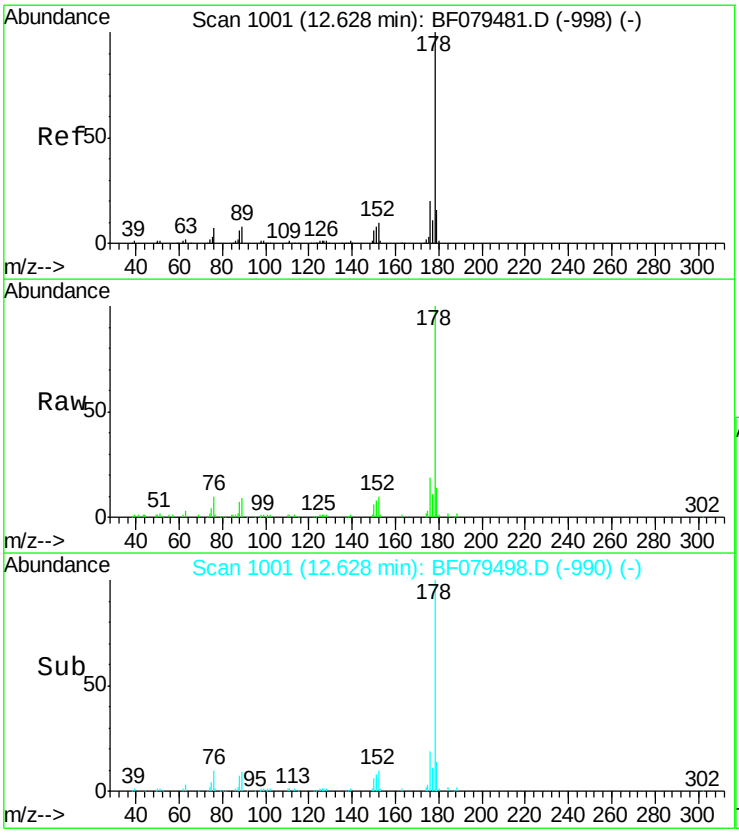
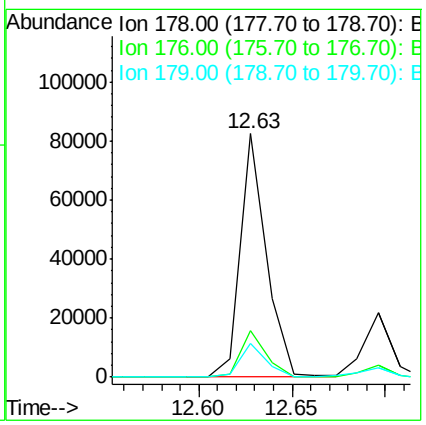
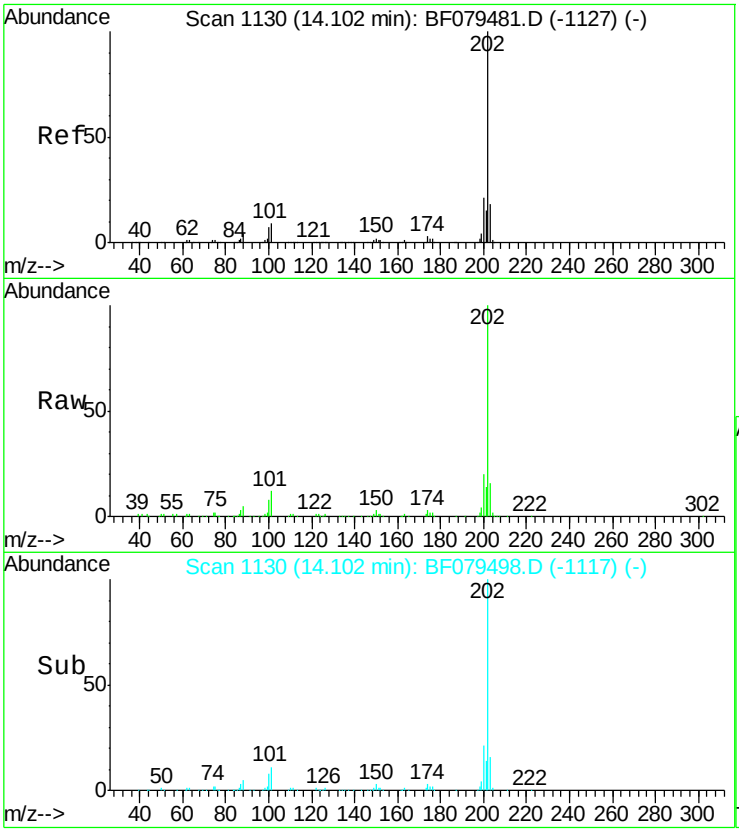


#70
Phenanthrene
Concen: 5.72 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:178 Resp: 80596

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	14.1	12.4	18.6

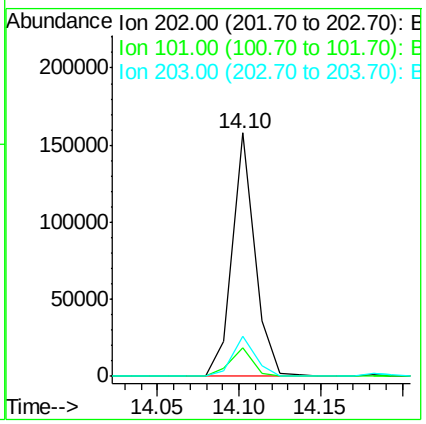




#74
Fluoranthene
Concen: 10.04 ng
RT: 14.10 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:202 Resp: 151599

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	29.3
203	16.2	0.0	37.6



Instrument :
BNA_F
ClientSampleId :
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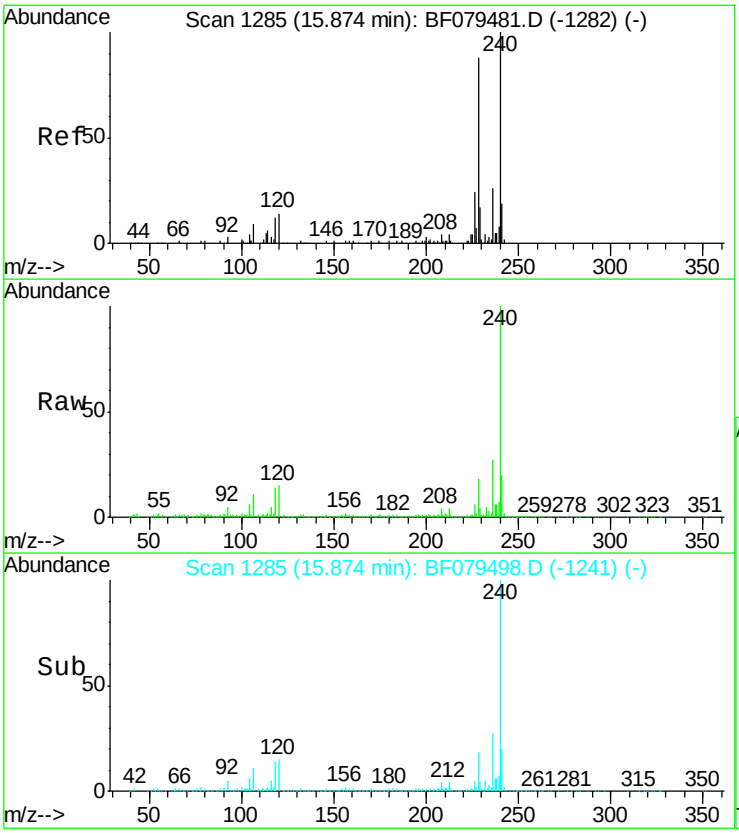
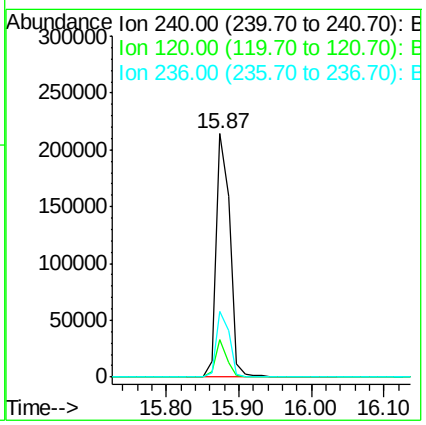
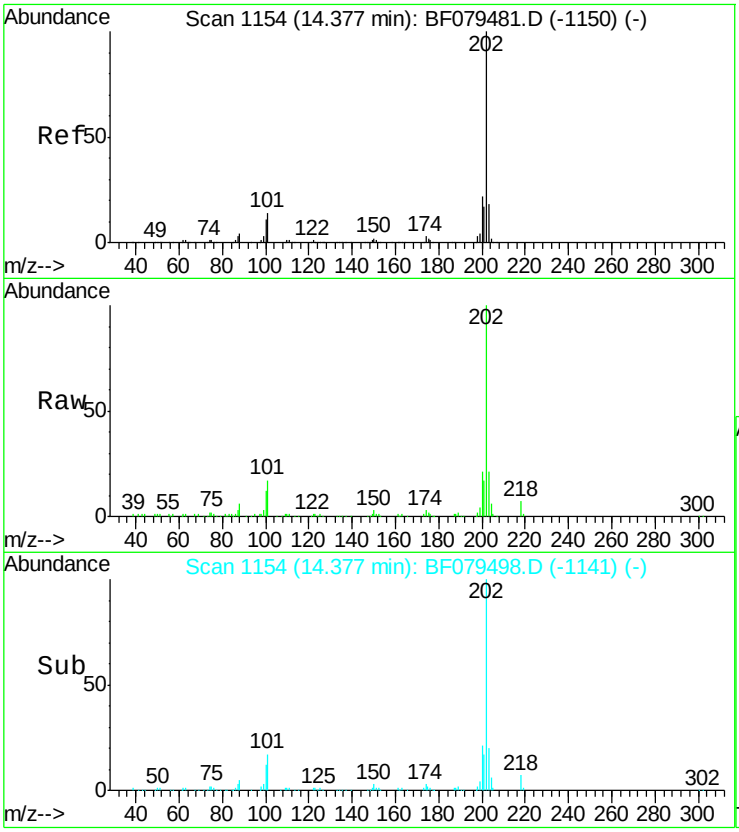


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:240 Resp: 280295

Ion	Ratio	Lower	Upper
240	100		
120	15.4	10.8	16.2
236	26.8	21.0	31.6

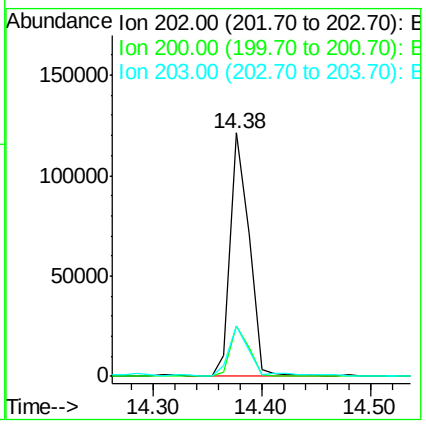




#77
Pyrene
Concen: 8.21 ng
RT: 14.38 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:202 Resp: 142599

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	20.8	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
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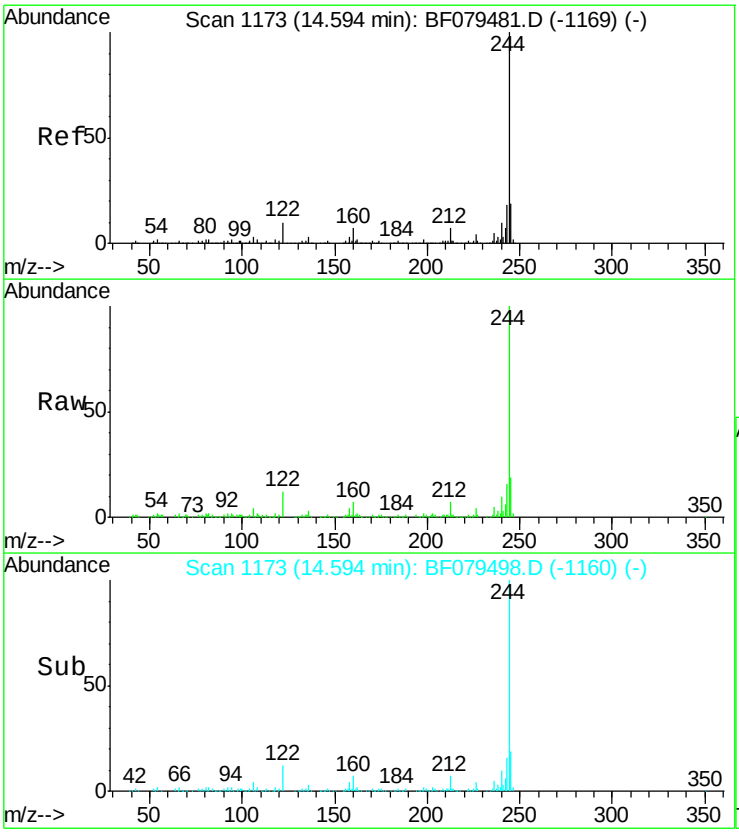
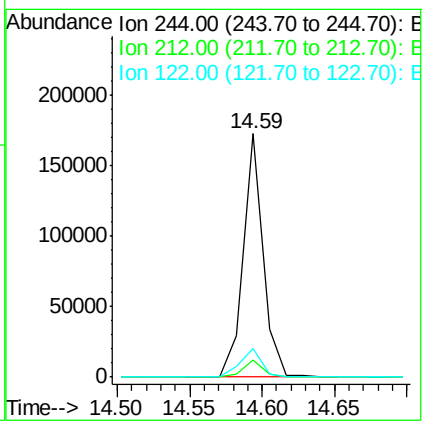
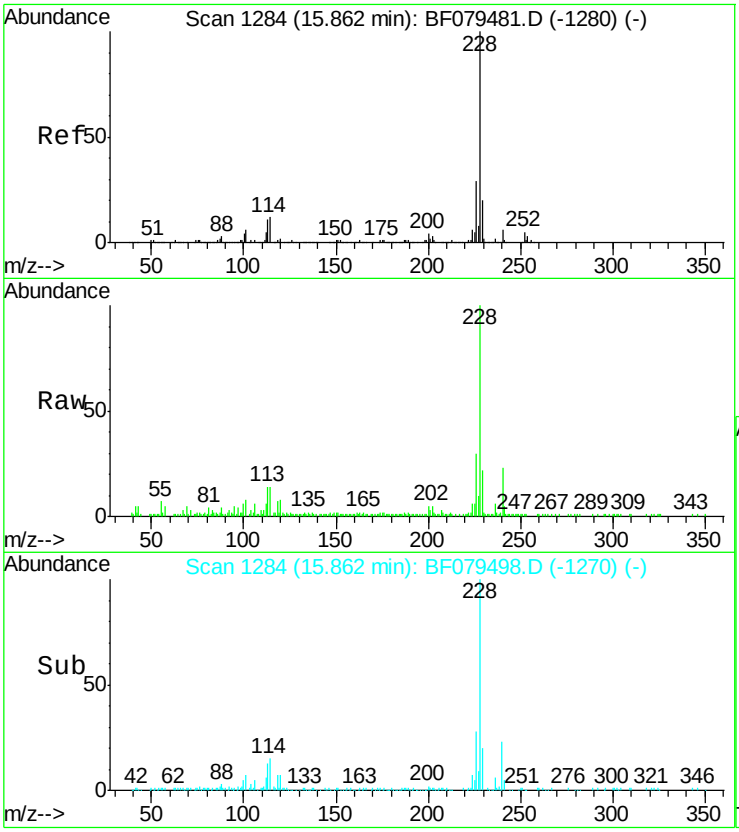


#78
Terphenyl-d14
Concen: 13.76 ng
RT: 14.59 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:244 Resp: 164326

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.2	7.8
122	11.7	8.0	12.0

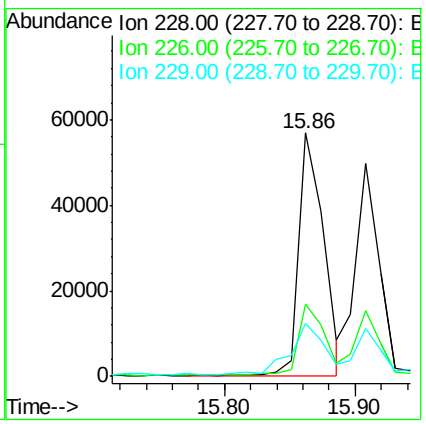




#80
Benzo(a)anthracene
Concen: 4.72 ng
RT: 15.86 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:228 Resp: 76071

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.8	34.2
229	21.5	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SB-32S

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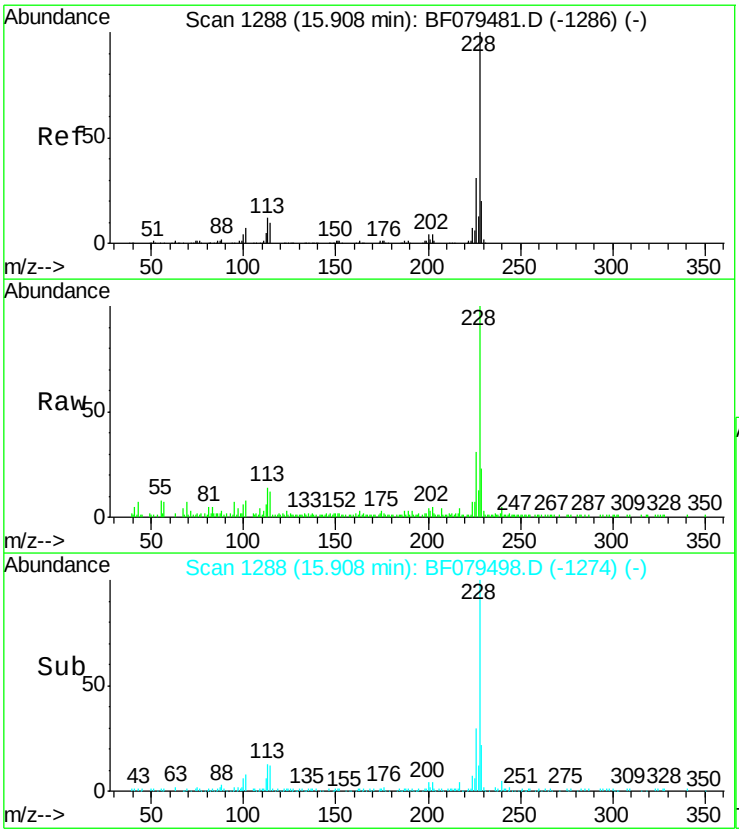
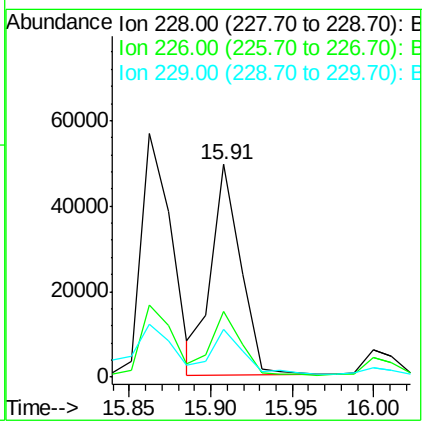
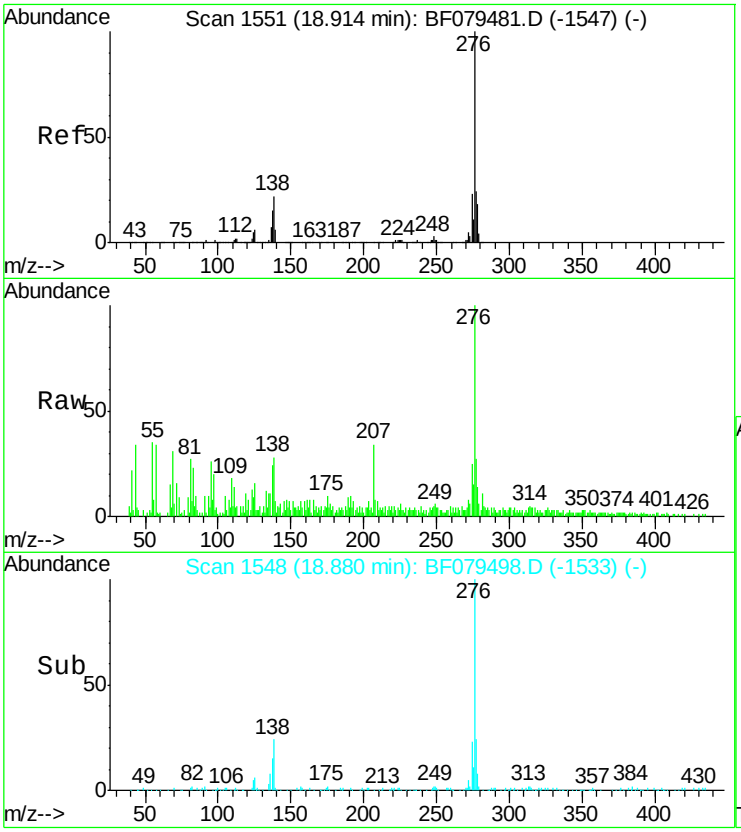


#82
Chrysene
Concen: 4.04 ng
RT: 15.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:228 Resp: 61850

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	22.5	15.9	23.9





#85
Indeno(1,2,3-cd)pyrene
Concen: 2.77 ng
RT: 18.88 min Scan# 1548
Delta R.T. -0.03 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:276 Resp: 54706

Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.4	32.2
277	25.2	19.8	29.6

Instrument :
BNA_F
ClientSampleId :
SB-32S

Manual Integrations APPROVED
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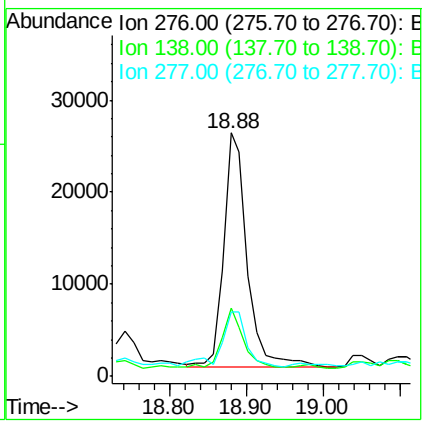
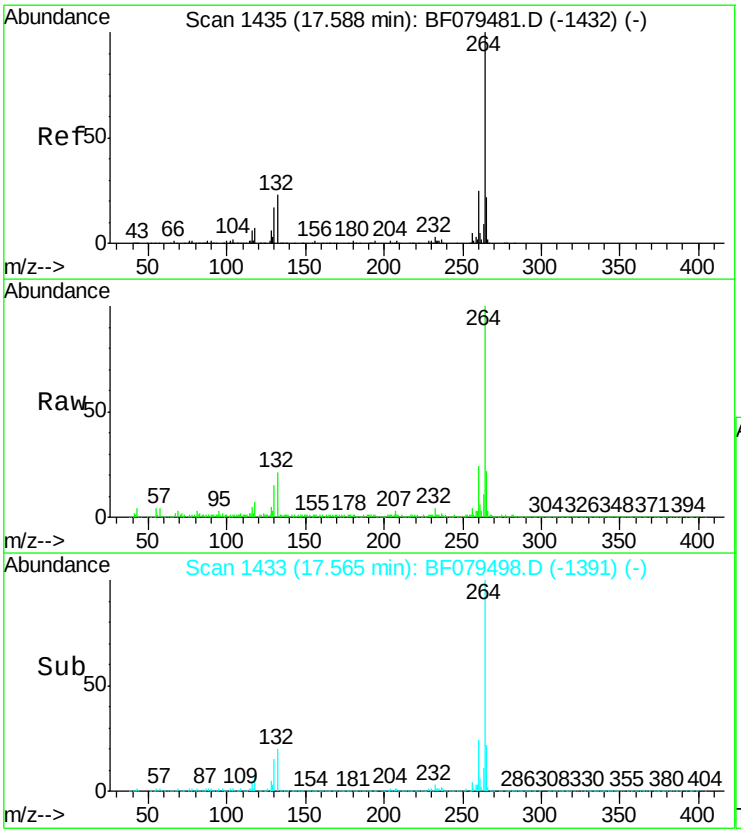
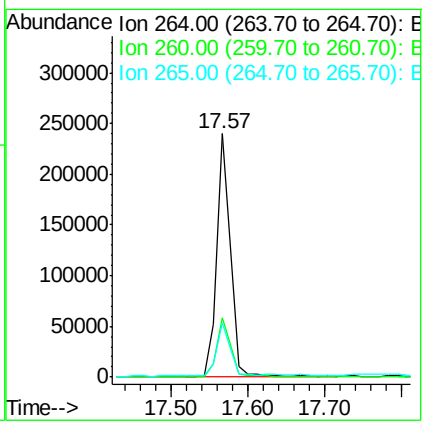


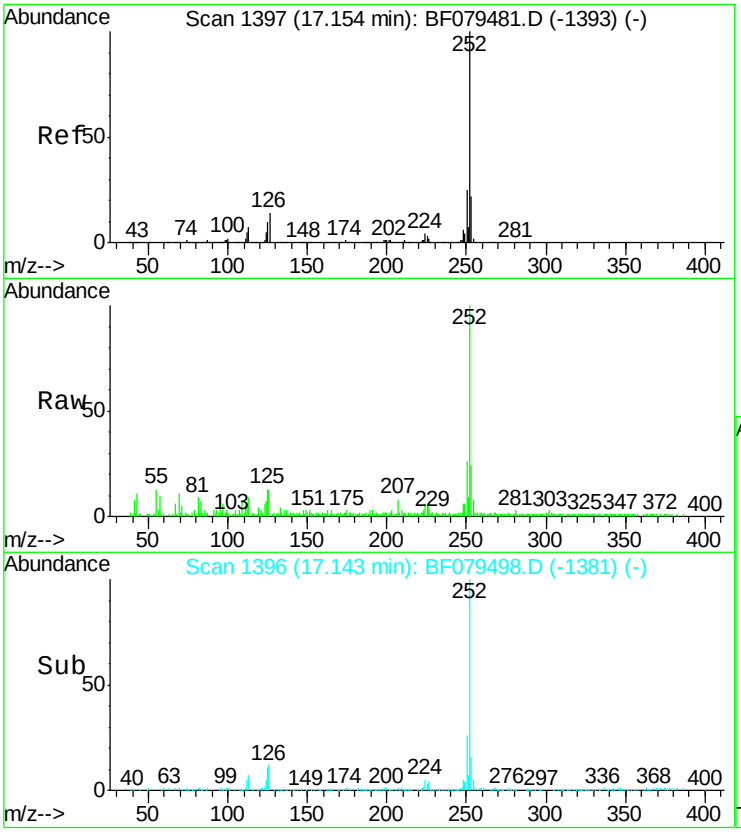


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.57 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:264 Resp: 292266

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	22.1	17.8	26.6





#87
Benzo(b)fluoranthene
Concen: 5.67 ng m
RT: 17.14 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:252 Resp: 94559

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	13.4	7.8	11.6#

Instrument :
BNA_F
ClientSampleId :
SB-32S

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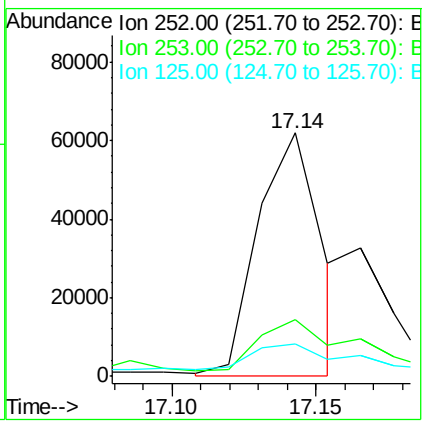
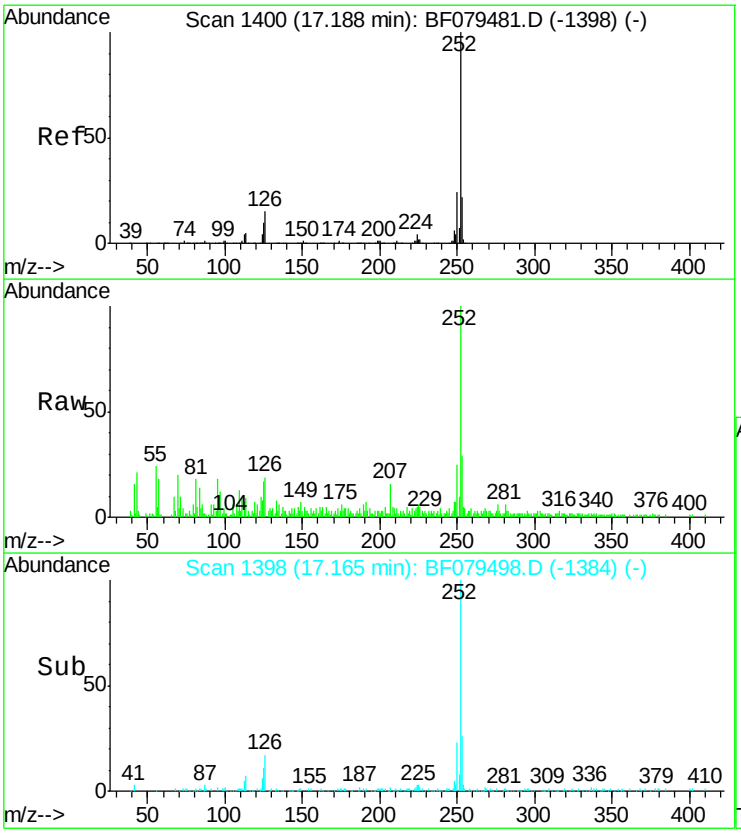
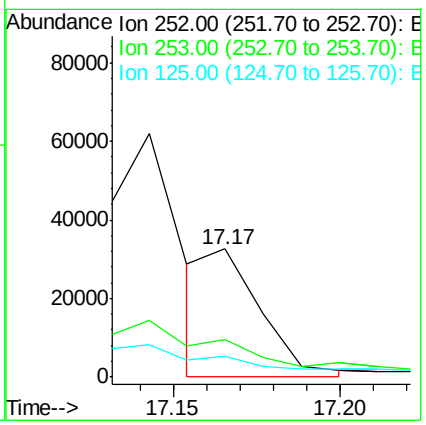


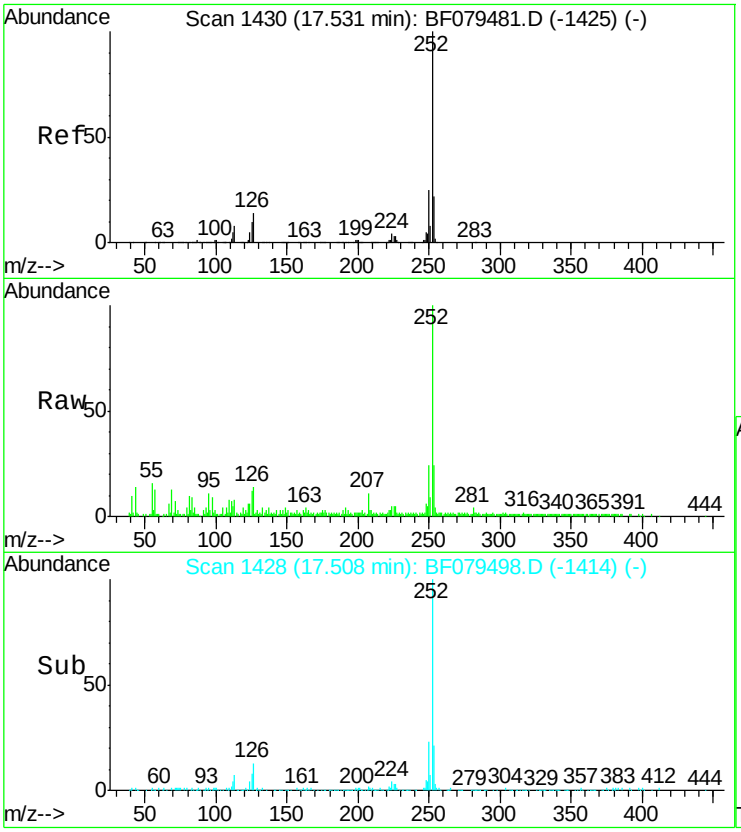


#88
Benzo(k)fluoranthene
Concen: 2.44 ng m
RT: 17.17 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:252 Resp: 36362

Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.2	25.8#
125	16.5	6.8	10.2#

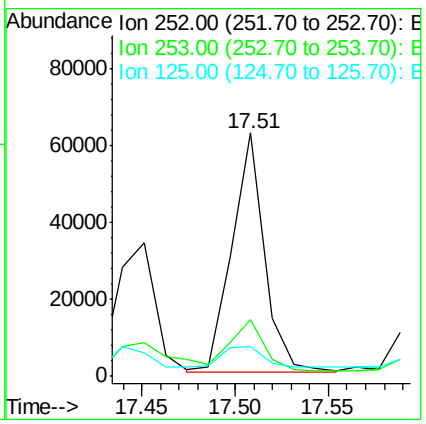




#89
Benzo(a)pyrene
Concen: 3.41 ng
RT: 17.51 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF079498.D
Acq: 27 May 2015 2:52

Tgt Ion:252 Resp: 75849

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	12.2	7.9	11.9#



Instrument :
BNA_F
ClientSampleId :
SB-32S

Manual Integrations APPROVED
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