Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079616.D
Acq On : 30 May 2015 21:37
Operator : TP/IZ
Sample : G2420-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM

Quant Time: Jun 01 03:07:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 02:59:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	67991	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	282150	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	131455	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	247075	20.00	ng	-0.01
75) Chrysene-d12	15.78	240	253992	20.00	ng	0.00
86) Perylene-d12	17.44	264	254379	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	445400	113.62	ng	0.02
7) Phenol-d6	6.54	99	582552	116.59	ng	0.00
23) Nitrobenzene-d5	7.63	82	324776	66.54	ng	0.00
41) 2,4,6-Tribromophenol	11.66	330	151963	105.25	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	601865	65.32	ng	0.00
78) Terphenyl-d14	14.50	244	604935	55.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.38	163	64383	6.65	ng	100
70) Phenanthrene	12.54	178	51945	3.83	ng	99
74) Fluoranthene	14.01	202	76876	5.29	ng	98
77) Pyrene	14.29	202	71530	4.55	ng	99
80) Benzo(a)anthracene	15.77	228	46603	3.19	ng	97
82) Chrysene	15.82	228	33829m	2.44	ng	
87) Benzo(b)fluoranthene	17.03	252	53006m	3.65	ng	

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

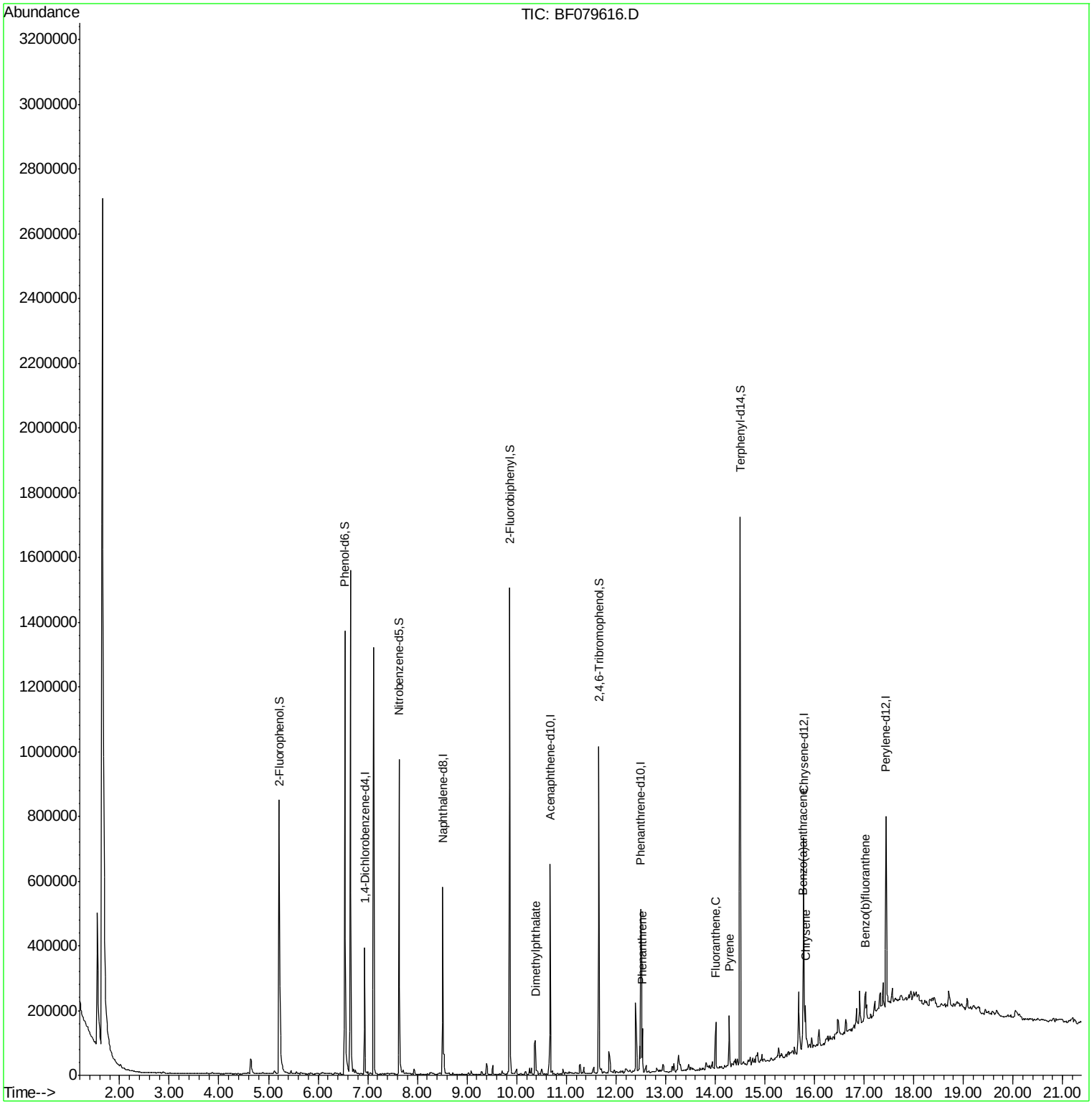
Quantitation Report (LSC Reviewed)

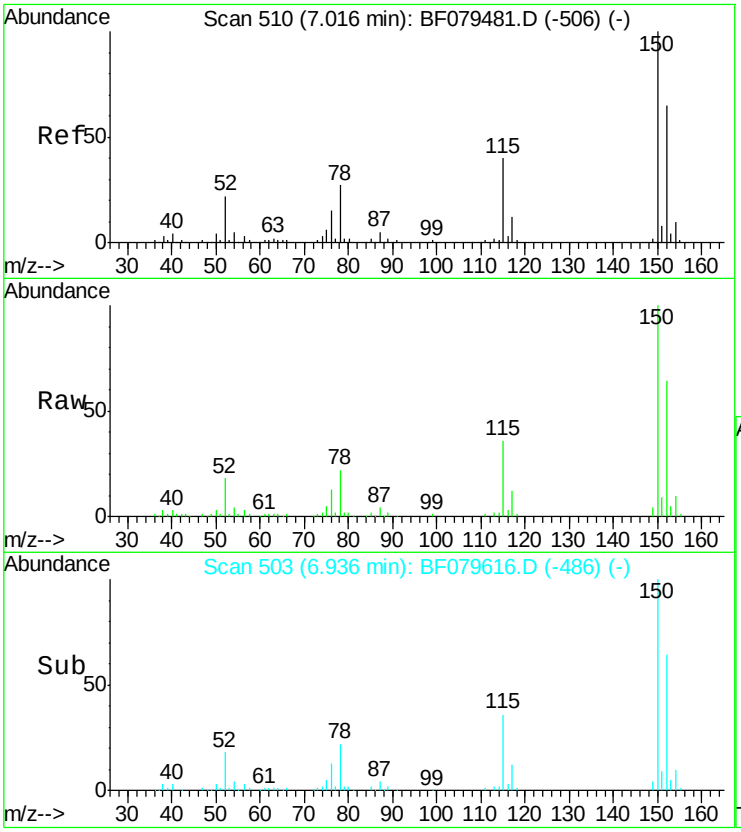
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079616.D
Acq On : 30 May 2015 21:37
Operator : TP/IZ
Sample : G2420-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 01 03:07:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 02:59:43 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM

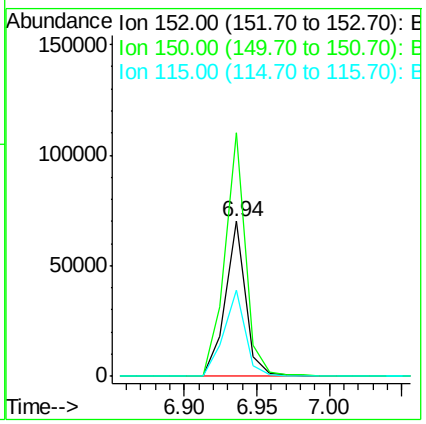




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

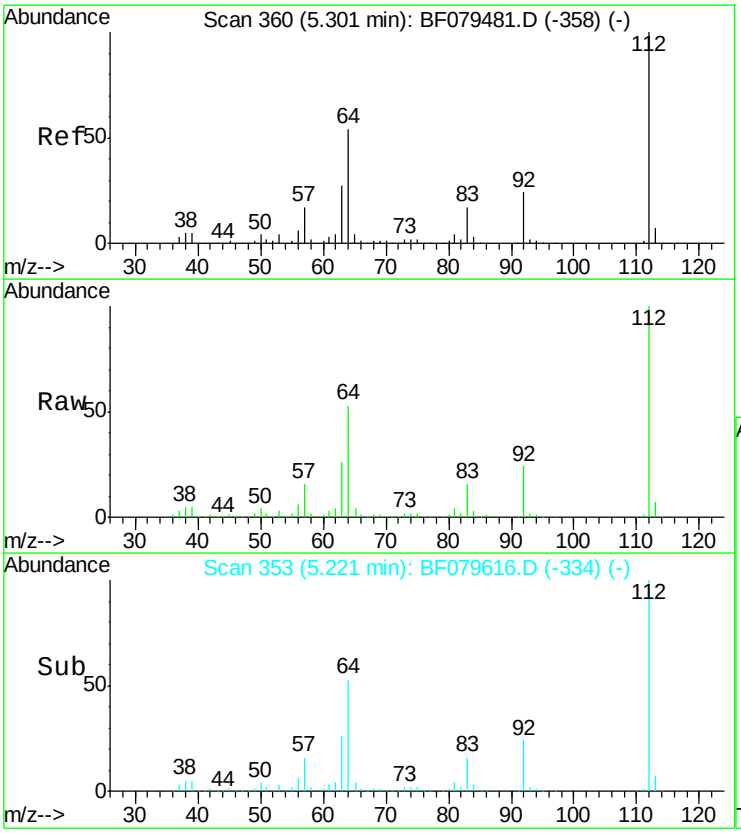
Tgt Ion:152 Resp: 67991

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.0	186.0
115	55.8	49.6	74.4



Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

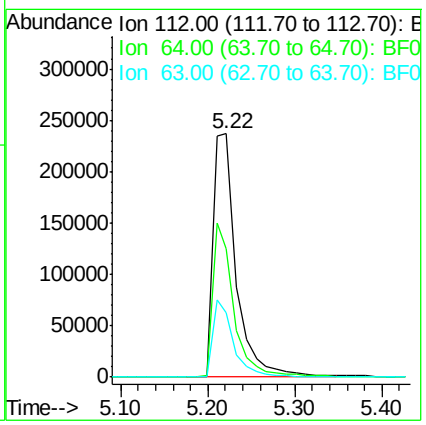
Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM

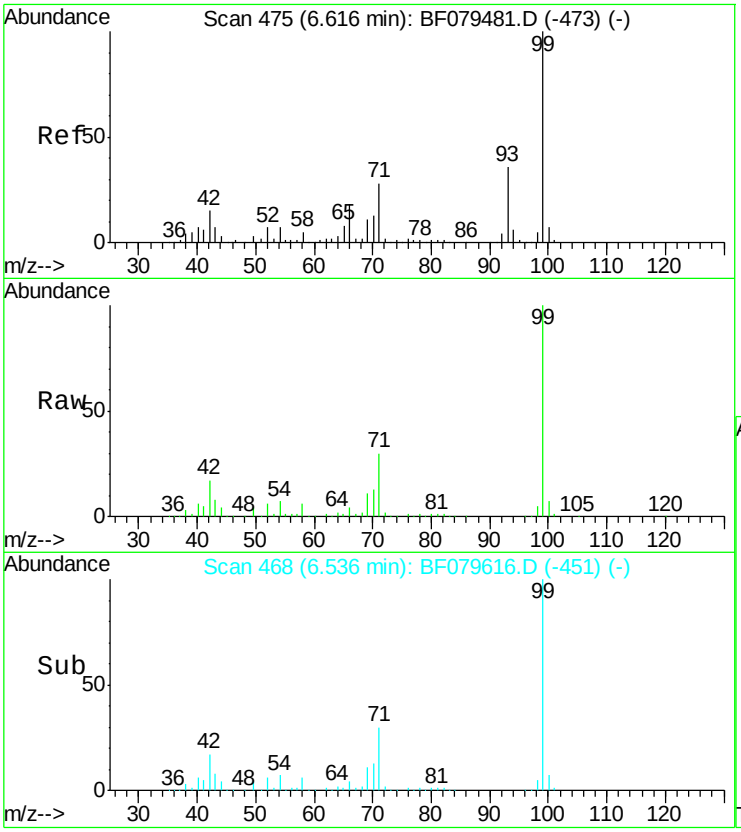


#5
2-Fluorophenol
Concen: 113.62 ng
RT: 5.22 min Scan# 353
Delta R.T. 0.02 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

Tgt Ion:112 Resp: 445400

Ion	Ratio	Lower	Upper
112	100		
64	52.9	43.5	65.3
63	26.4	21.8	32.8

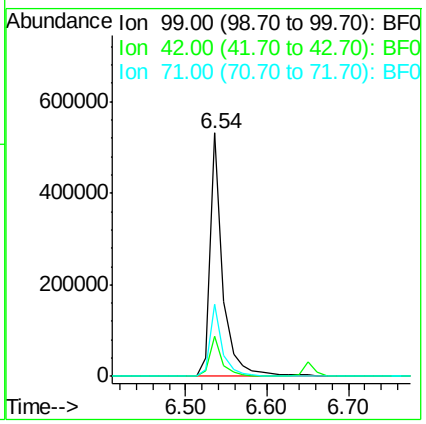




#7
Phenol-d6
Concen: 116.59 ng
RT: 6.54 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

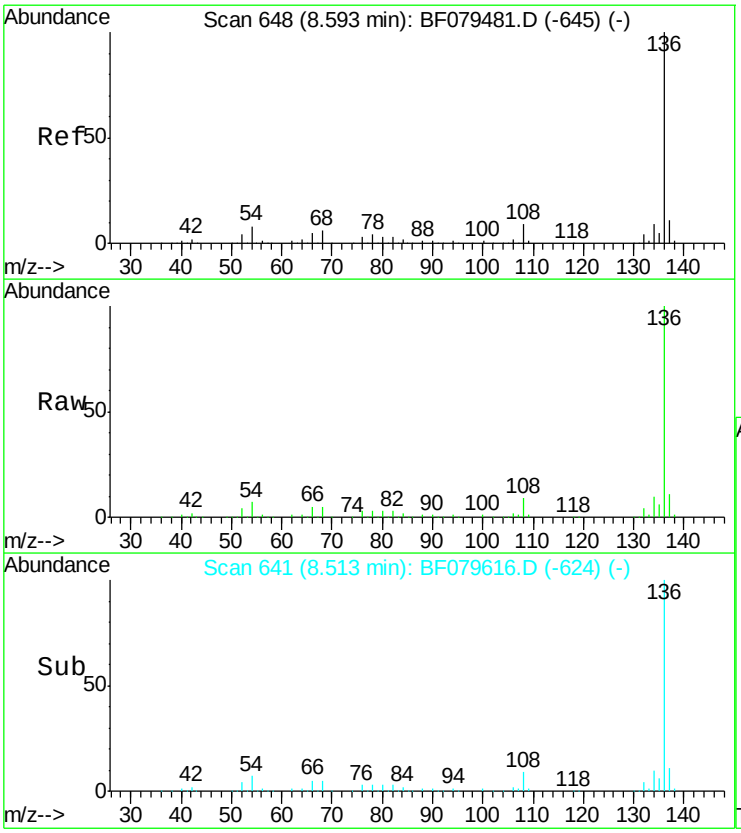
Tgt Ion: 99 Resp: 582552

Ion	Ratio	Lower	Upper
99	100		
42	16.6	11.9	17.9
71	29.7	22.1	33.1



Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

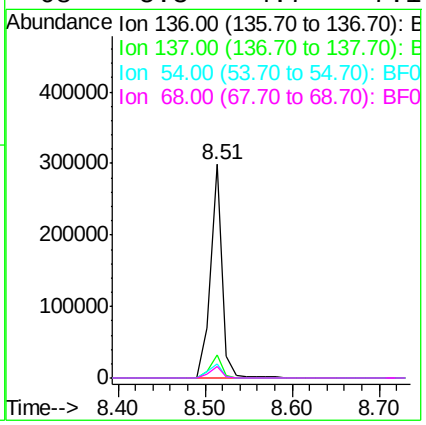
Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM

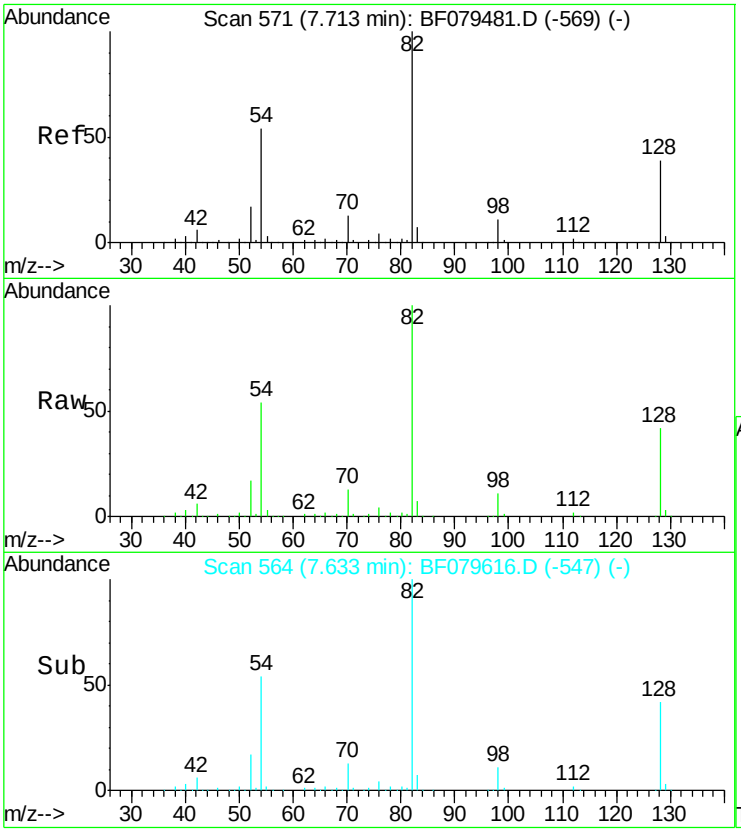


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

Tgt Ion:136 Resp: 282150

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.6	6.6	9.8
68	5.3	4.7	7.1

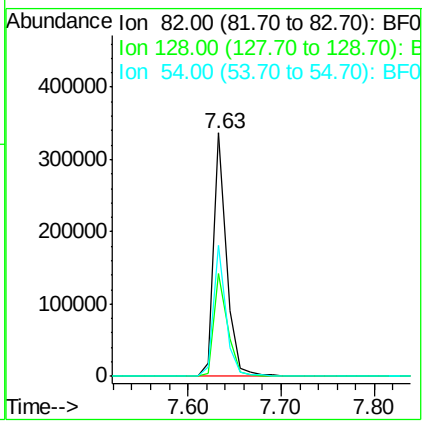




#23
Nitrobenzene-d5
Concen: 66.54 ng
RT: 7.63 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

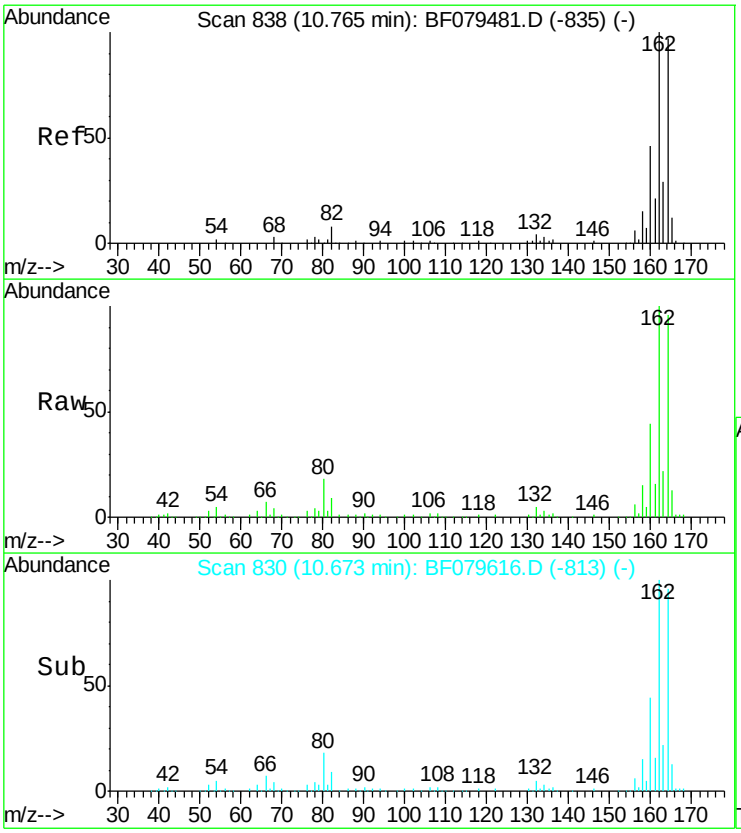
Tgt Ion: 82 Resp: 324776

Ion	Ratio	Lower	Upper
82	100		
128	42.1	30.8	46.2
54	53.9	42.8	64.2



Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

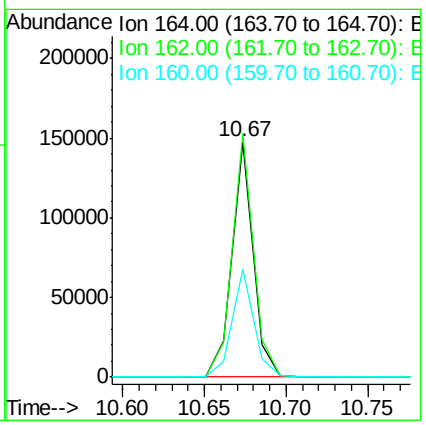
Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM

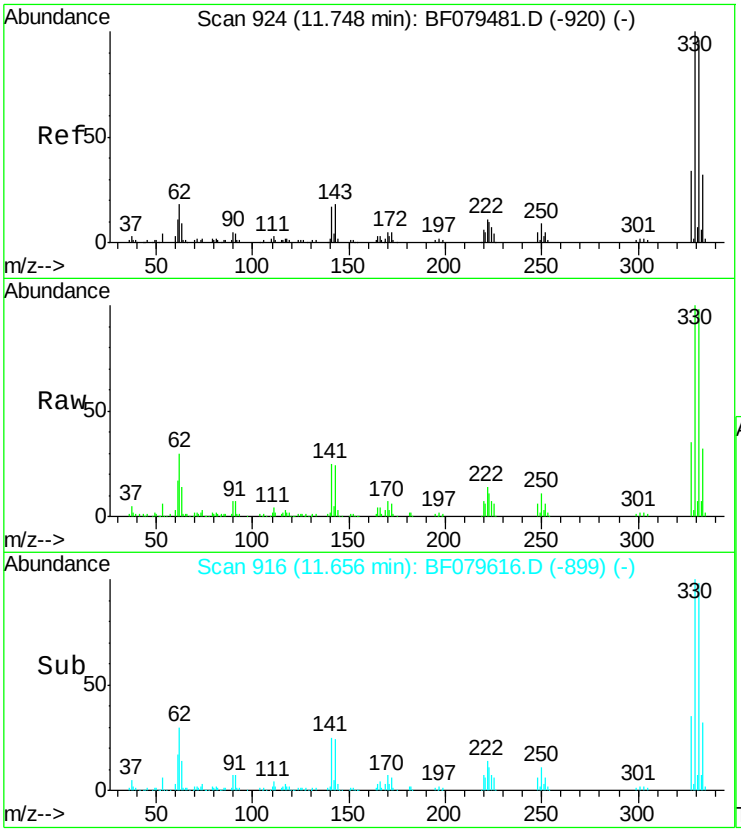


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

Tgt Ion:164 Resp: 131455

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	124.0
160	45.8	37.7	56.5

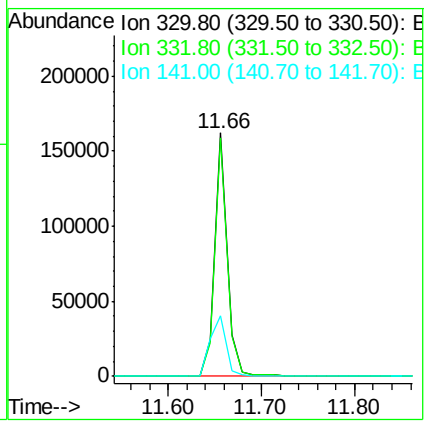




#41
2,4,6-Tribromophenol
Concen: 105.25 ng
RT: 11.66 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

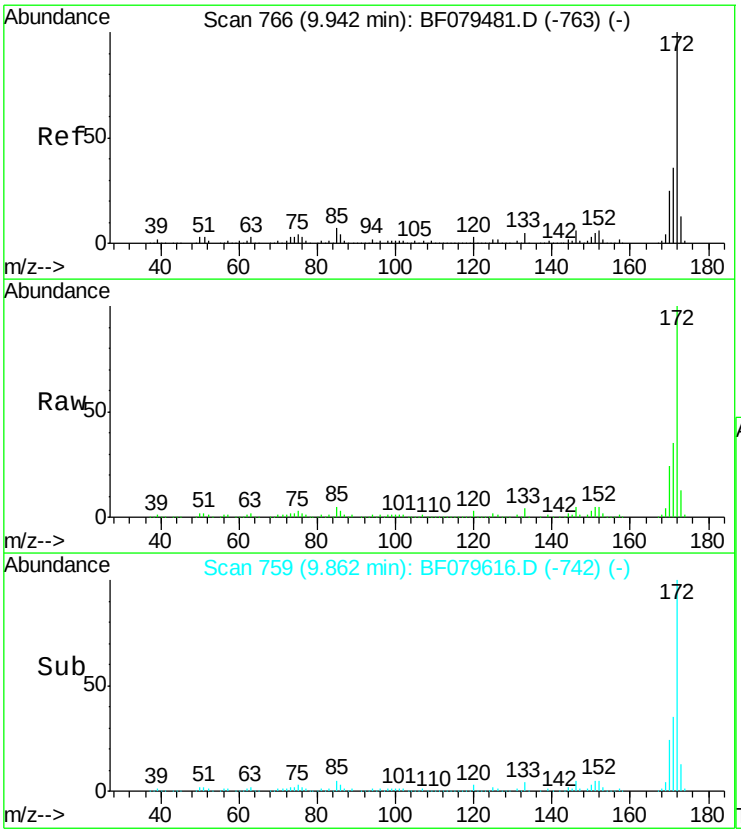
Tgt Ion:330 Resp: 151963

Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	32.7	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

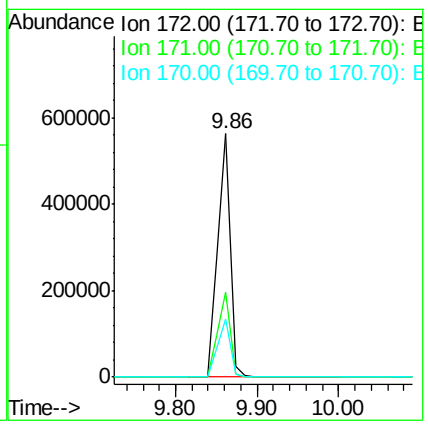
Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM

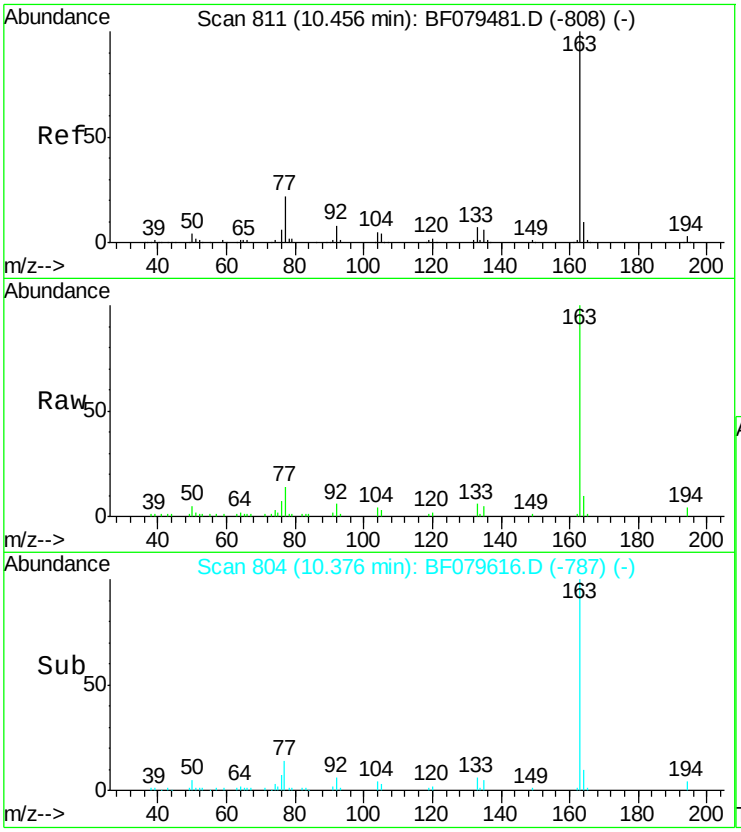


#44
2-Fluorobiphenyl
Concen: 65.32 ng
RT: 9.86 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

Tgt Ion:172 Resp: 601865

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.7	19.7	29.5

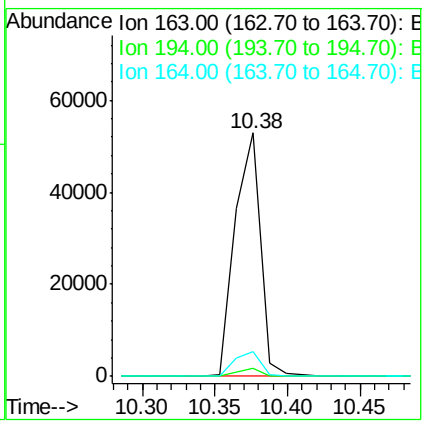




#49
Dimethylphthalate
Concen: 6.65 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

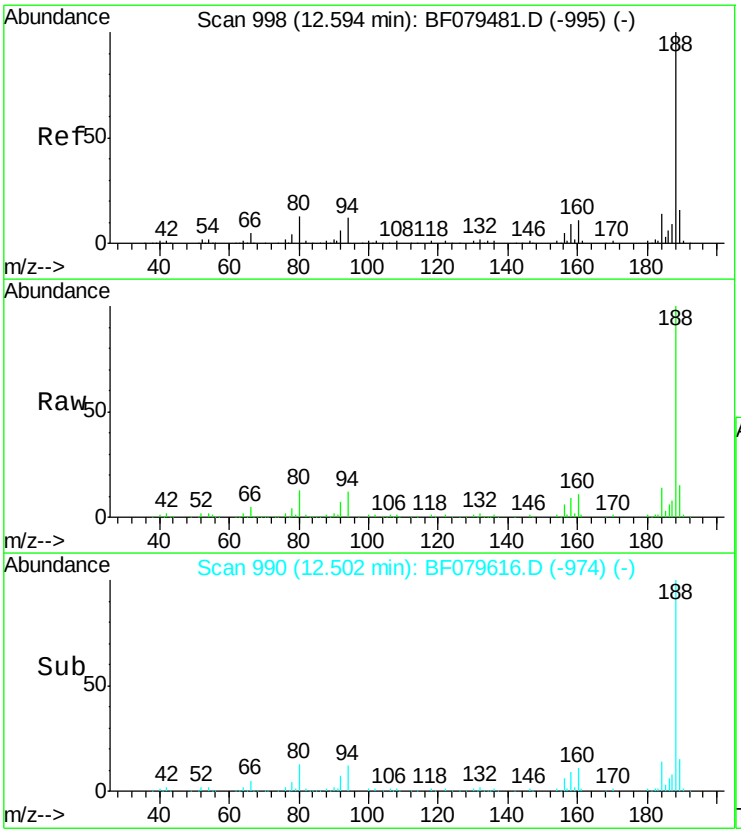
Tgt Ion:163 Resp: 64383

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.4	3.6
164	10.3	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

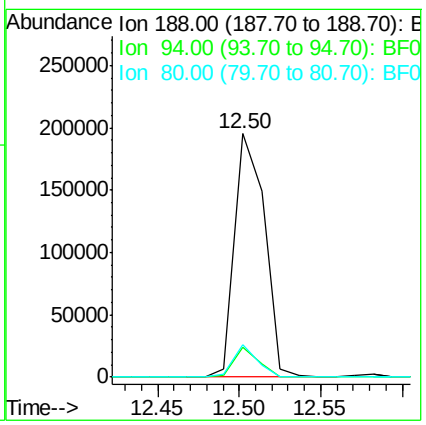
Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM

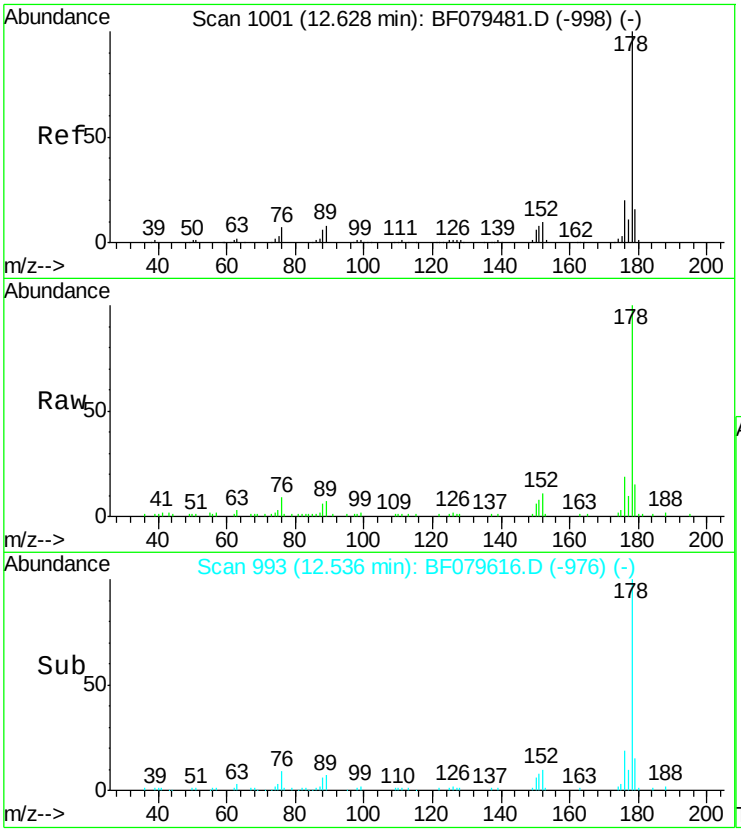


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

Tgt Ion:188 Resp: 247075

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.8	14.6
80	13.5	10.5	15.7

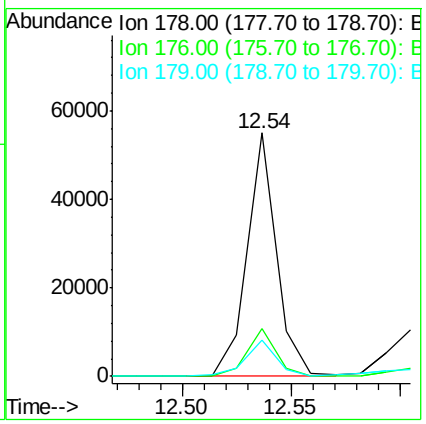




#70
Phenanthrene
Concen: 3.83 ng
RT: 12.54 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

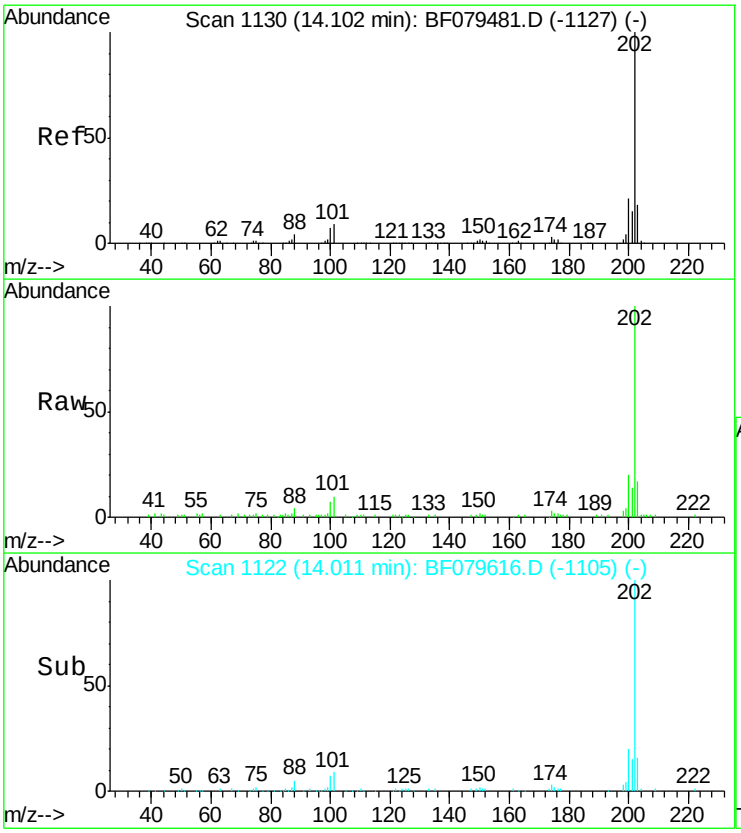
Tgt Ion:178 Resp: 51945

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	14.9	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

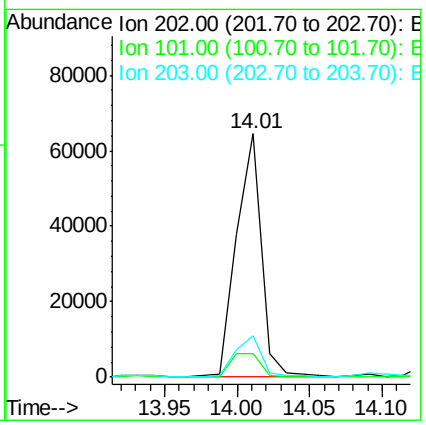
Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM

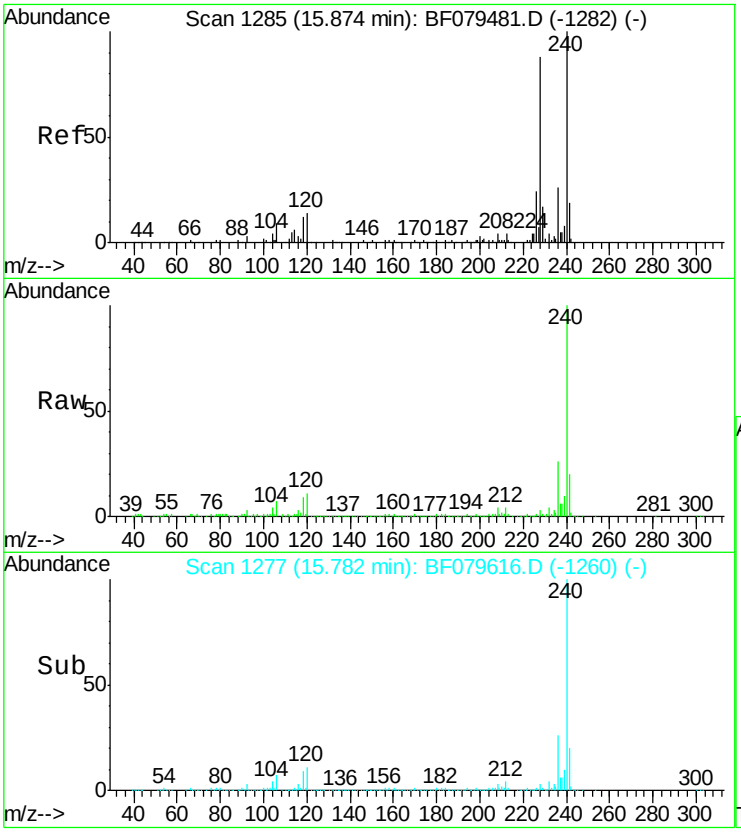


#74
Fluoranthene
Concen: 5.29 ng
RT: 14.01 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

Tgt Ion:202 Resp: 76876

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.3
203	16.8	0.0	37.6

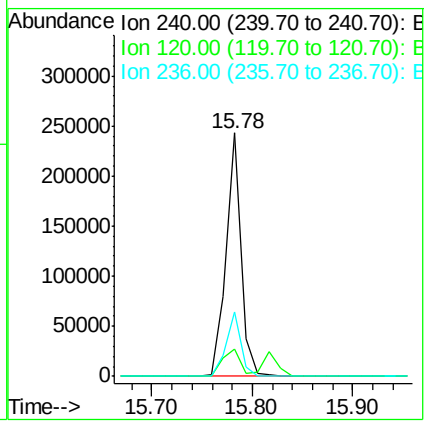




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

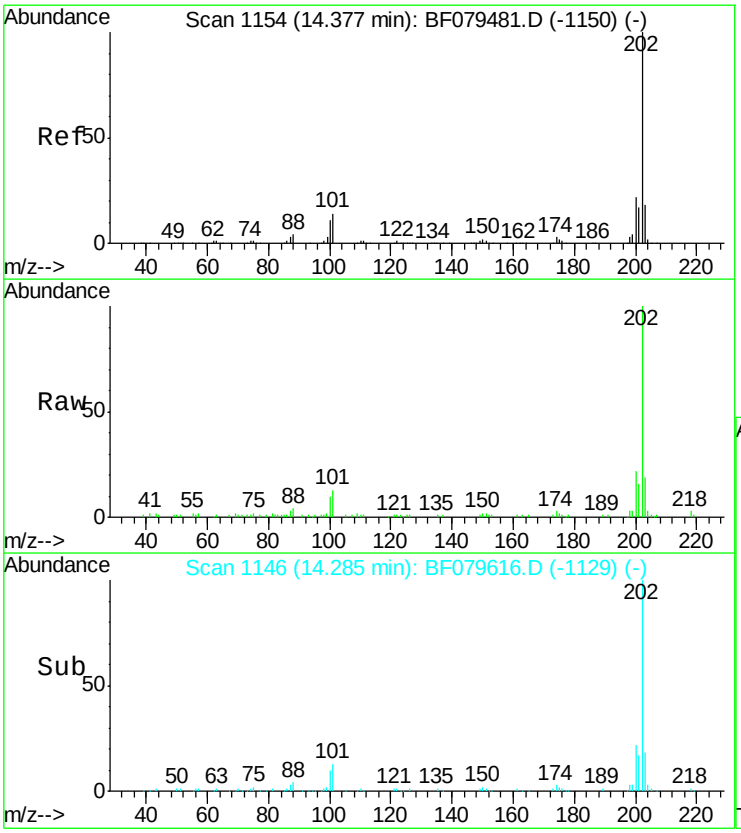
Tgt Ion:240 Resp: 253992

Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.8	16.2
236	26.5	21.0	31.6



Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

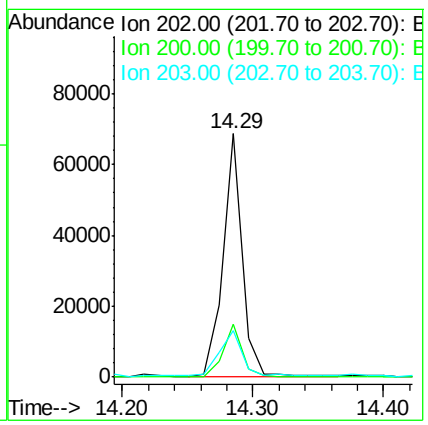
Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM

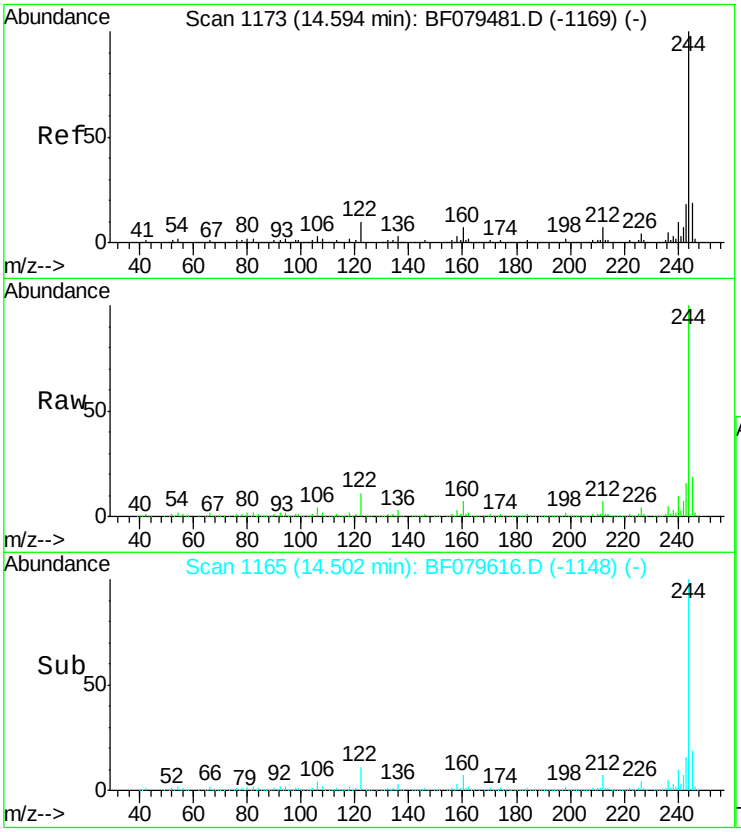


#77
Pyrene
Concen: 4.55 ng
RT: 14.29 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

Tgt Ion:202 Resp: 71530

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	19.3	14.4	21.6

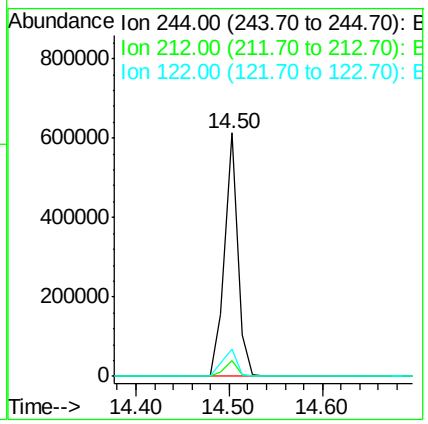




#78
Terphenyl-d14
Concen: 55.89 ng
RT: 14.50 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

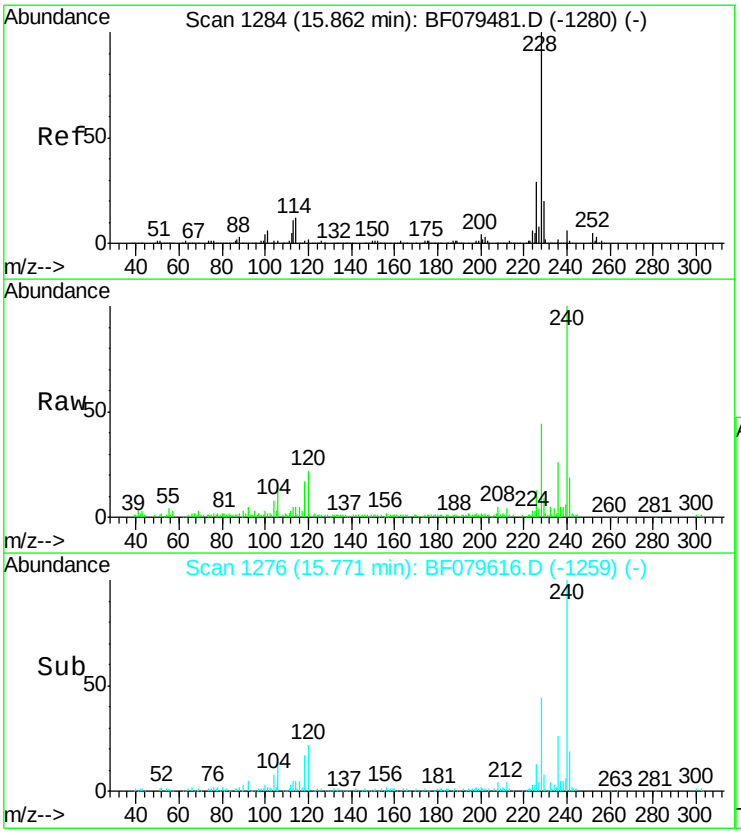
Tgt Ion:244 Resp: 604935

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	11.5	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

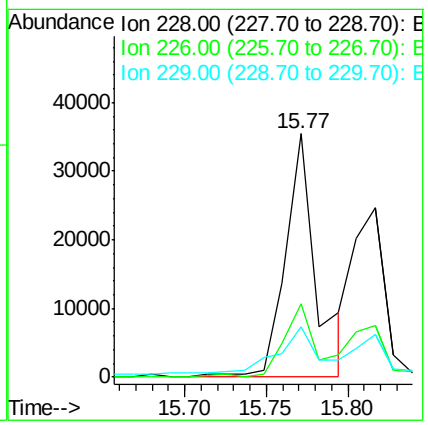
Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM

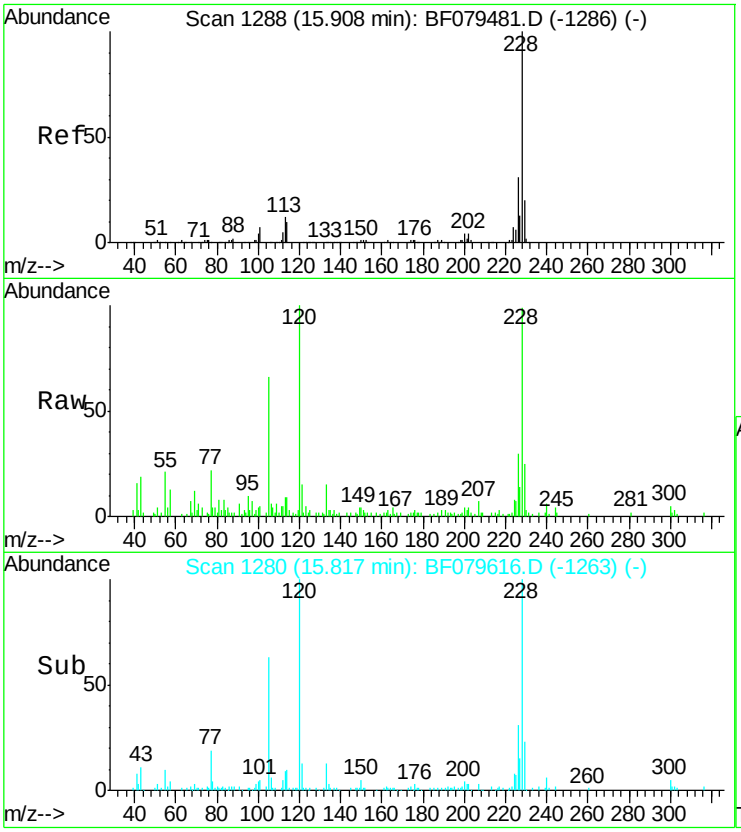


#80
Benzo(a)anthracene
Concen: 3.19 ng
RT: 15.77 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

Tgt Ion:228 Resp: 46603

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.8	34.2
229	20.6	15.9	23.9





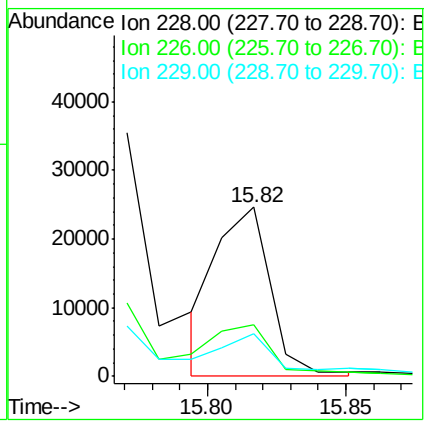
#82
Chrysene
Concen: 2.44 ng m
RT: 15.82 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

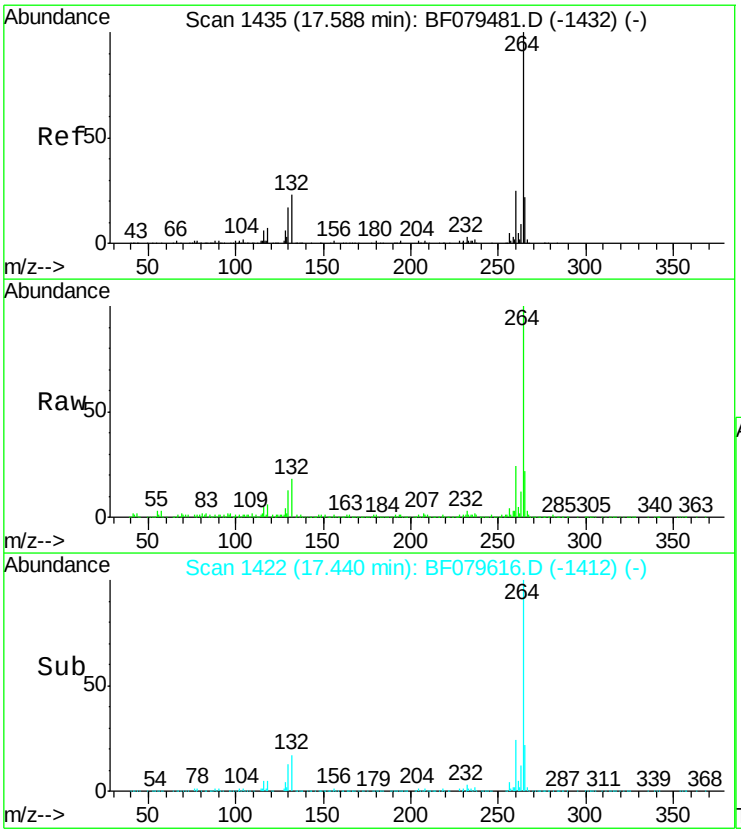
Tgt Ion:228 Resp: 33829

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	25.1	15.9	23.9#

Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM

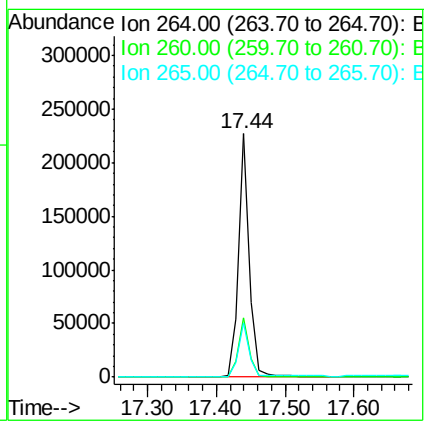


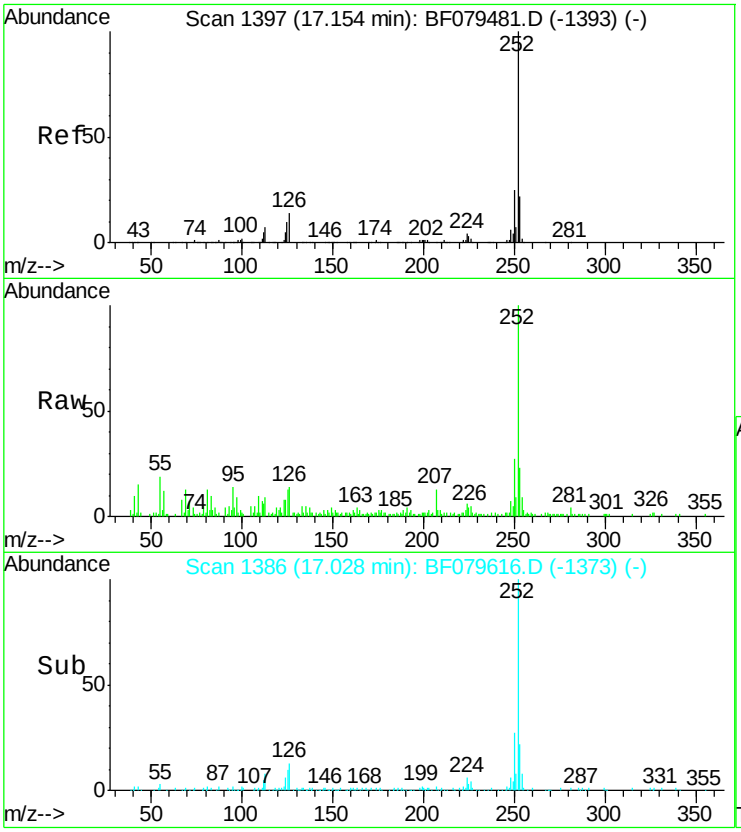


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.44 min Scan# 1422
Delta R.T. -0.08 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

Tgt Ion:264 Resp: 254379

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.2	17.8	26.6

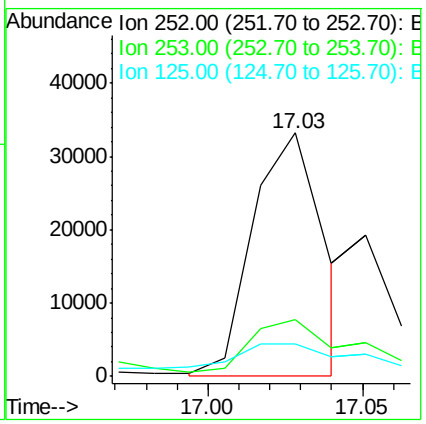




#87
Benzo(b)fluoranthene
Concen: 3.65 ng m
RT: 17.03 min Scan# 1386
Delta R.T. -0.05 min
Lab File: BF079616.D
Acq: 30 May 2015 21:37

Tgt Ion:252 Resp: 53006

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	13.3	7.8	11.6#



Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

Manual Integrations APPROVED
apatel
6/1/2015 8:47:12 PM