Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102315\
Data File : BE091039.D
Acq On : 23 Oct 2015 18:33
Operator : UM/NP
Sample : G4140-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB15-45-GW

Quant Time: Oct 24 07:35:09 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 23:56:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	24969	5.00	ng		0.00
7) Naphthalene-d8	9.58	136	136049	5.00	ng		-0.01
13) Acenaphthene-d10	13.41	164	76679	5.00	ng		0.00
19) Phenanthrene-d10	16.13	188	170331	5.00	ng		0.00
26) Chrysene-d12	20.30	240	183607	5.00	ng		0.00
35) Perylene-d12	22.20	264	175834	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.93	112	23754	4.72	ng		0.00
5) Phenol-d6	6.55	99	25376	3.97	ng		0.00
8) Nitrobenzene-d5	8.16	82	60264	6.65	ng		-0.02
14) 2,4,6-Tribromophenol	14.93	330	26805	10.04	ng		-0.01
15) 2-Fluorobiphenyl	12.04	172	92575	4.45	ng		0.00
29) Terphenyl-d14	18.69	244	123282	5.44	ng		0.00
Target Compounds							Qvalue
10) Naphthalene	9.62	128	316464	12.25	ng		99
12) 2-Methylnaphthalene	11.15	142	38810	2.25	ng	#	94
16) Acenaphthylene	13.15	152	14157	0.11	ng	#	90
17) Acenaphthene	13.47	154	29267	1.43	ng		86
18) Fluorene	14.46	166	20930	0.83	ng	#	93
22) Pentachlorophenol	15.89	266	1596	0.86	ng		95
23) Phenanthrene	16.17	178	41306	1.01	ng	#	90
24) Anthracene	16.25	178	36910	1.01	ng	#	53
25) Fluoranthene	18.16	202	20109	0.42	ng	#	94
28) Pyrene	18.54	202	19209	0.44	ng	#	73

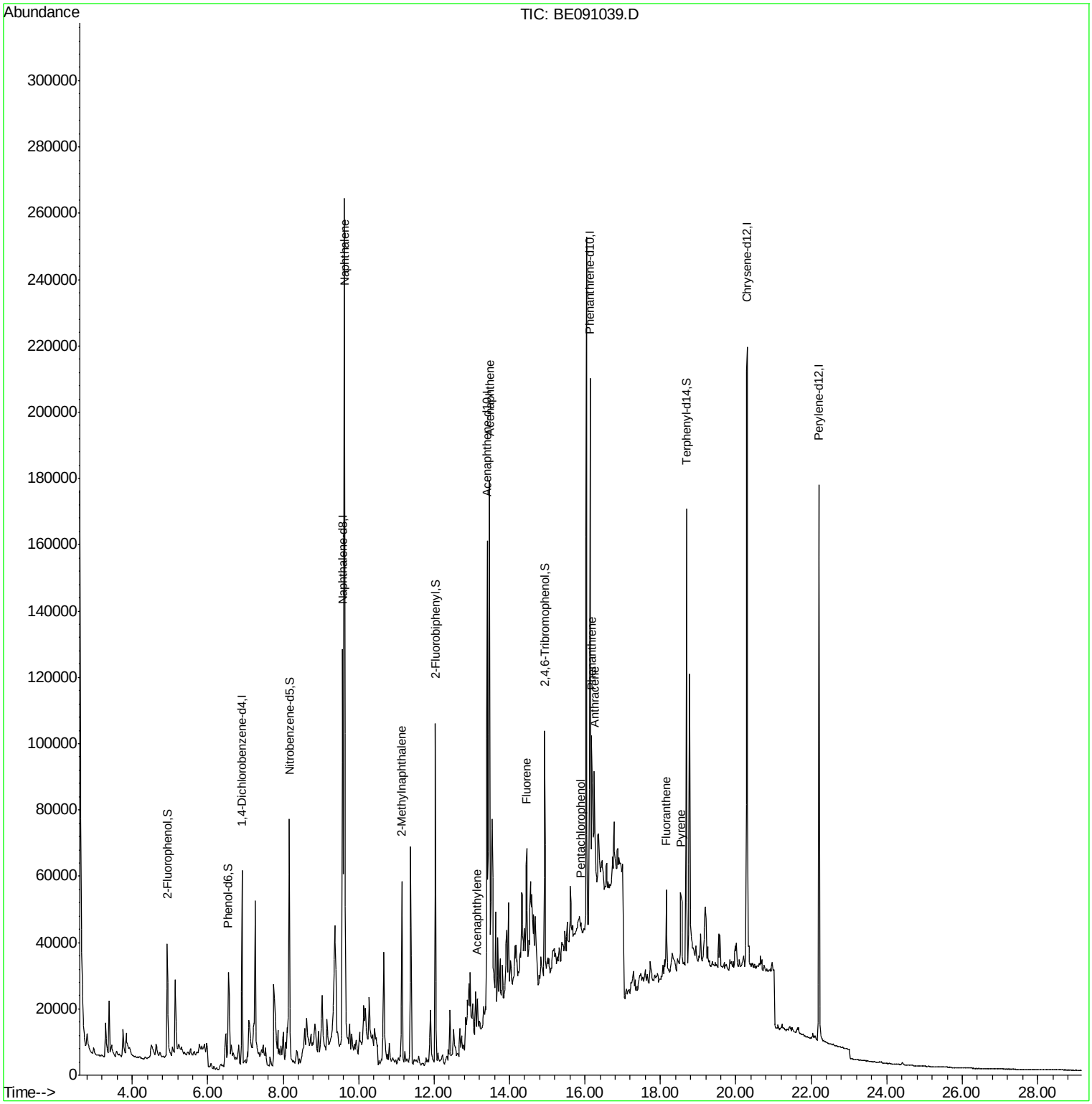
(#) = qualifier out of range (m) = manual integration (+) = signals summed

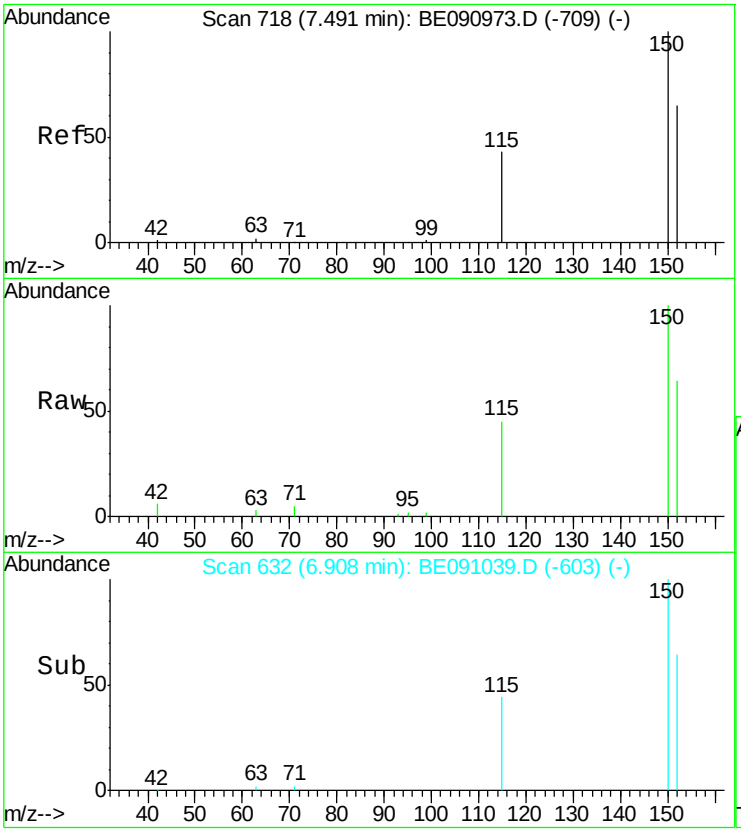
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102315\
Data File : BE091039.D
Acq On : 23 Oct 2015 18:33
Operator : UM/NP
Sample : G4140-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Quant Time: Oct 24 07:35:09 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 23:56:52 2015
Response via : Initial Calibration



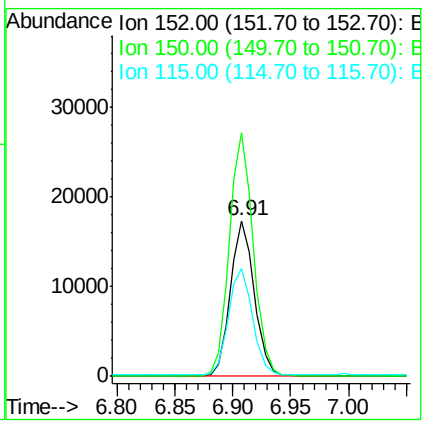


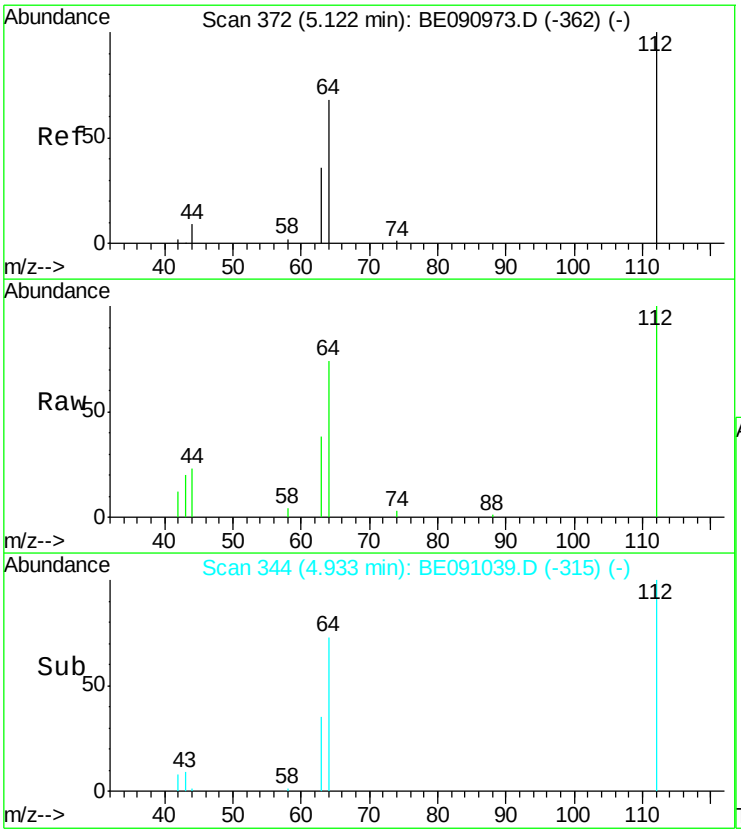
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Tgt Ion:152 Resp: 24969

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.6	183.8
115	69.7	52.8	79.2

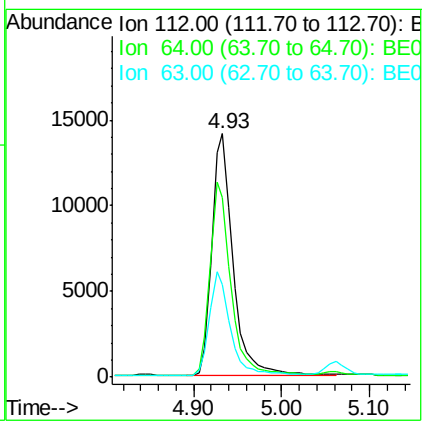


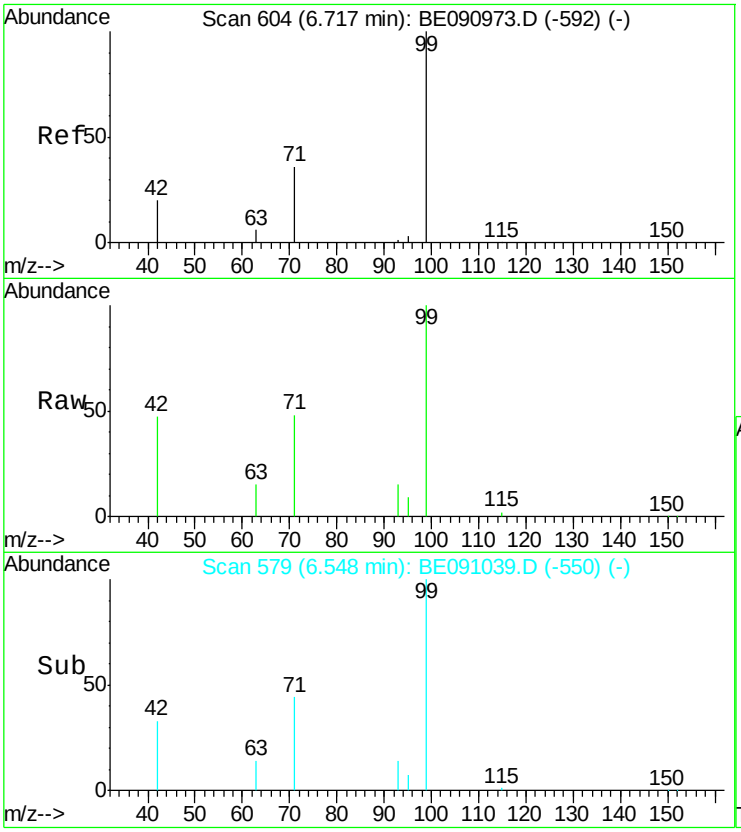


#4
2-Fluorophenol
Concen: 4.72 ng
RT: 4.93 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:112 Resp: 23754

Ion	Ratio	Lower	Upper
112	100		
64	78.7	30.9	46.3#
63	41.8	16.7	25.1#



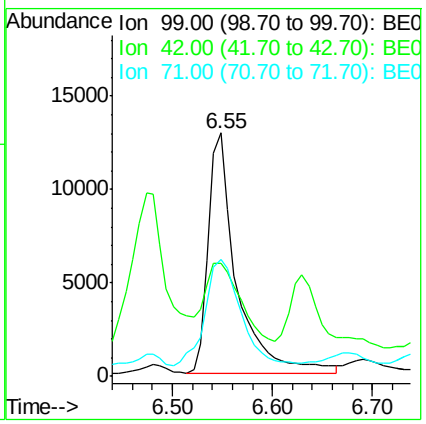


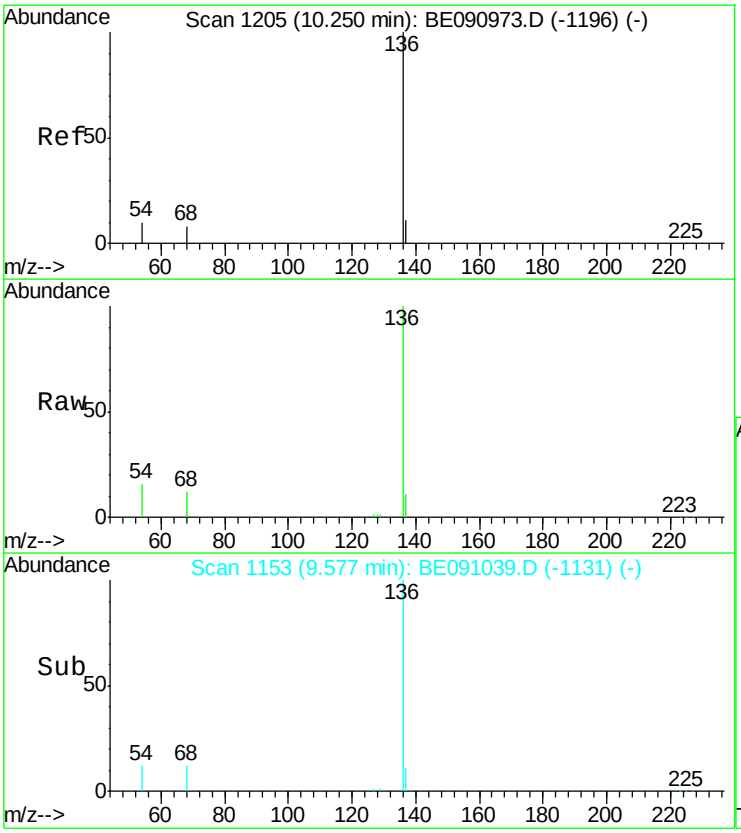
#5
Phenol-d6
Concen: 3.97 ng
RT: 6.55 min Scan# 579
Delta R.T. -0.01 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Tgt Ion: 99 Resp: 25376

Ion	Ratio	Lower	Upper
99	100		
42	50.3	16.2	24.2#
71	55.8	29.0	43.4#

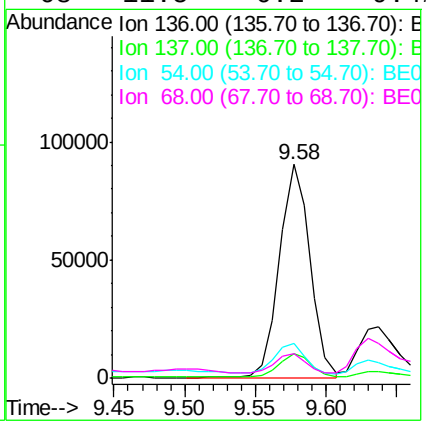


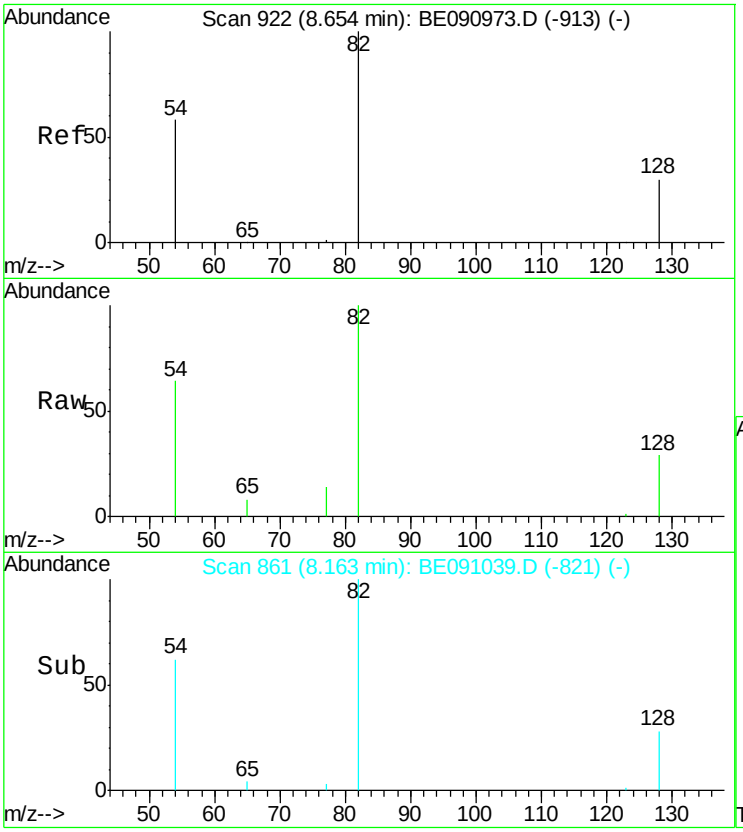


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 9.58 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:136 Resp: 136049

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	16.3	8.2	12.4#
68	11.5	6.2	9.4#



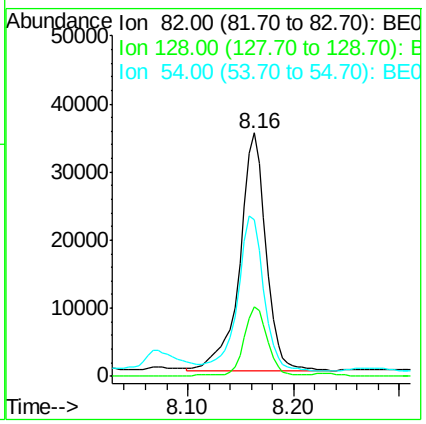


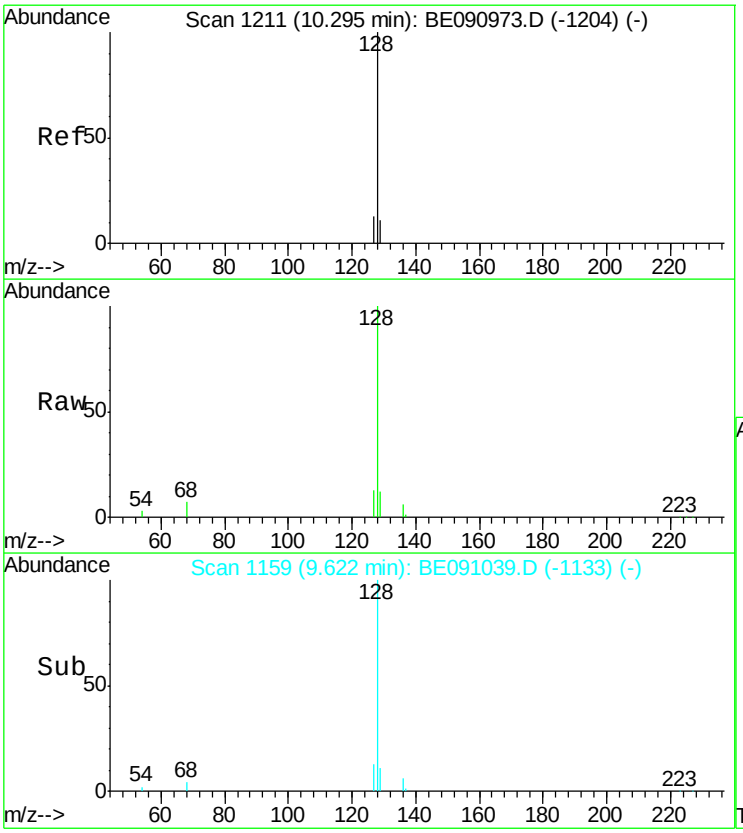
#8
Nitrobenzene-d5
Concen: 6.65 ng
RT: 8.16 min Scan# 861
Delta R.T. -0.02 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Tgt Ion: 82 Resp: 60264

Ion	Ratio	Lower	Upper
82	100		
128	28.6	25.4	38.0
54	64.4	48.4	72.6

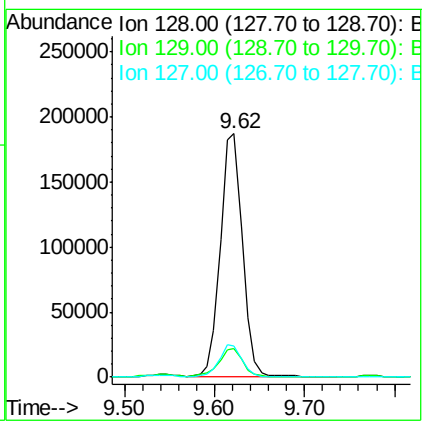


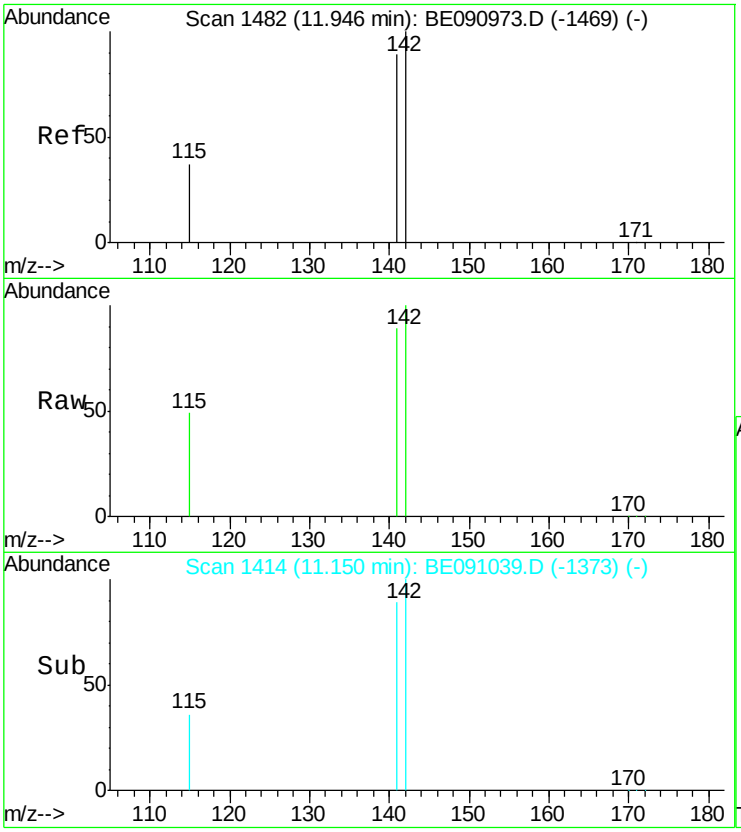


#10
Naphthalene
Concen: 12.25 ng
RT: 9.62 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:128 Resp: 316464

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.0	10.7	16.1



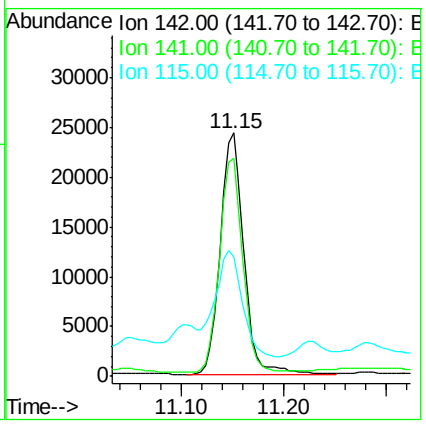


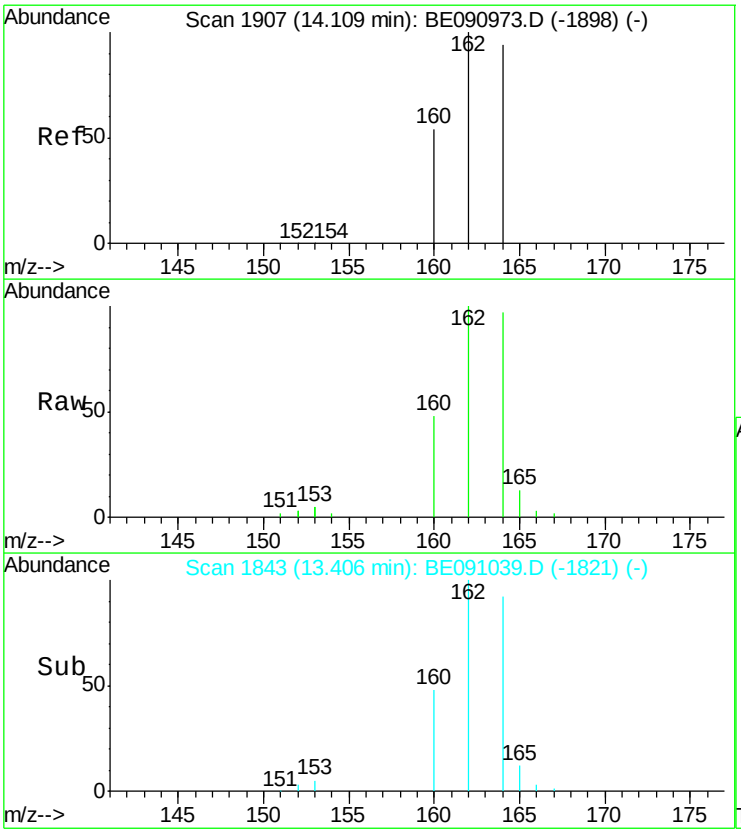
#12
2-Methylnaphthalene
Concen: 2.25 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Tgt Ion:142 Resp: 38810

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.0
115	48.8	30.3	45.5#

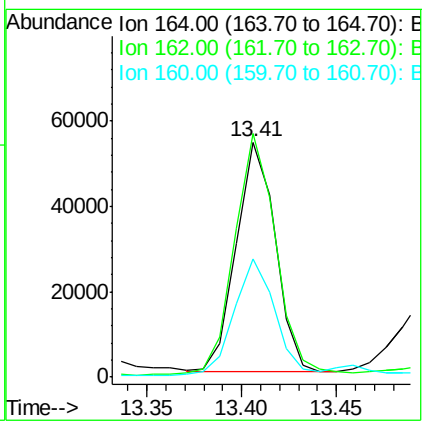


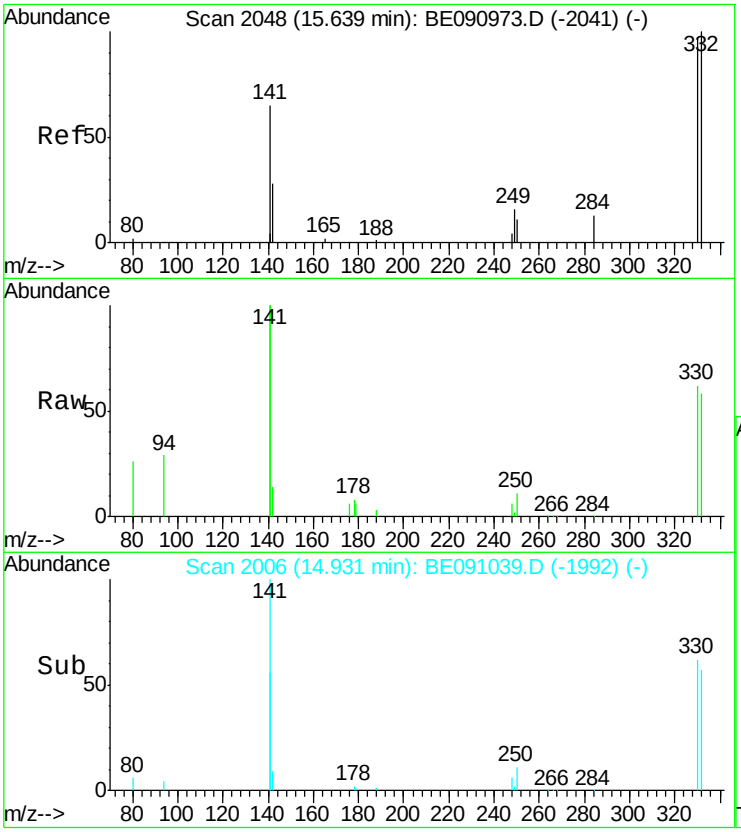


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.41 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:164 Resp: 76679

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.3	127.9
160	50.2	46.2	69.2



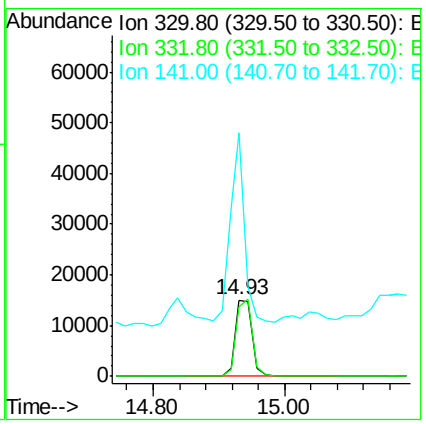


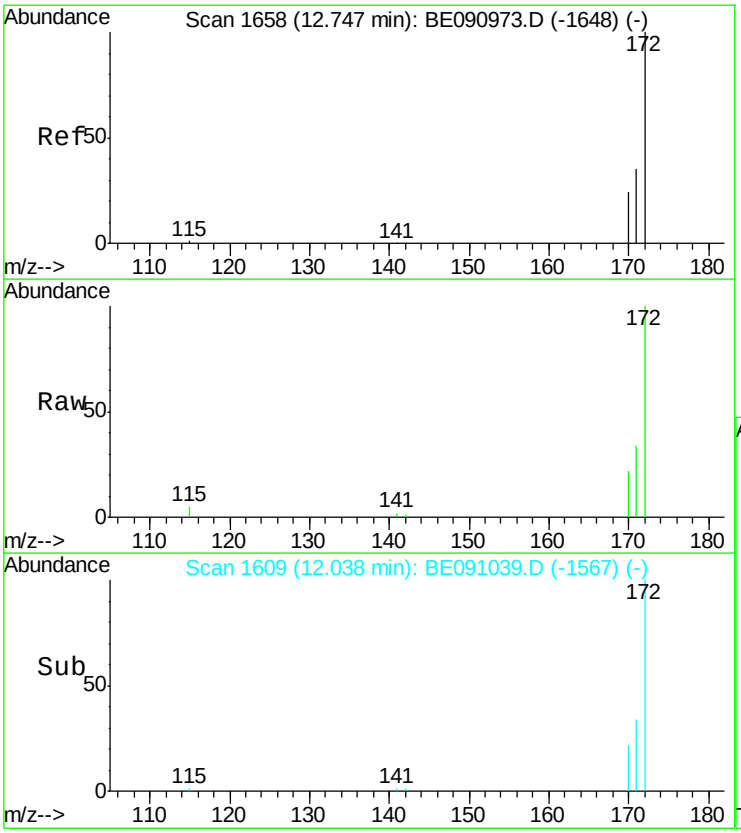
#14
2,4,6-Tribromophenol
Concen: 10.04 ng
RT: 14.93 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Tgt Ion:330 Resp: 26805

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	215.7	125.4	188.0#

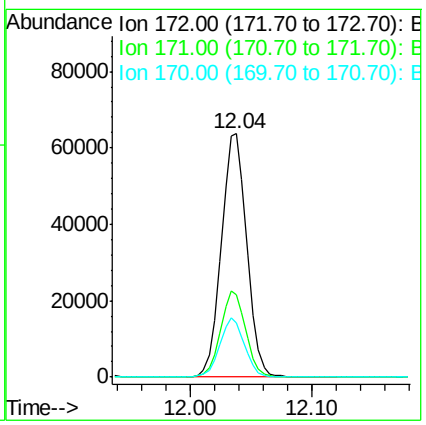


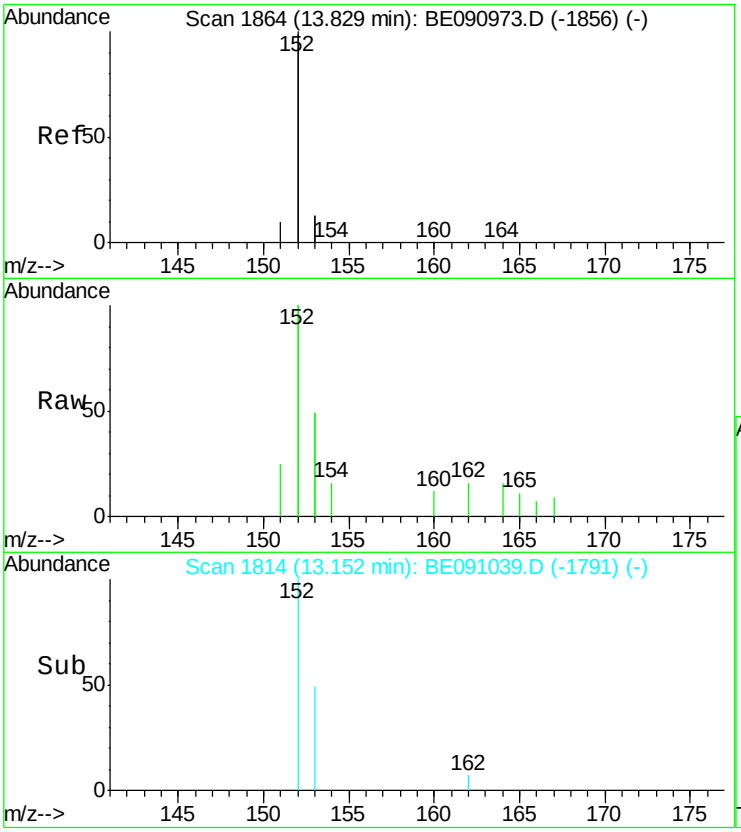


#15
2-Fluorobiphenyl
Concen: 4.45 ng
RT: 12.04 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:172 Resp: 92575

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.8	43.2
170	22.5	19.3	28.9



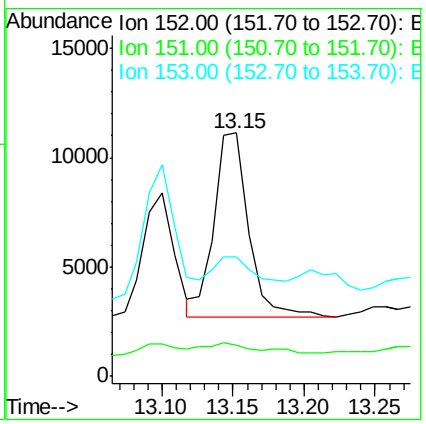


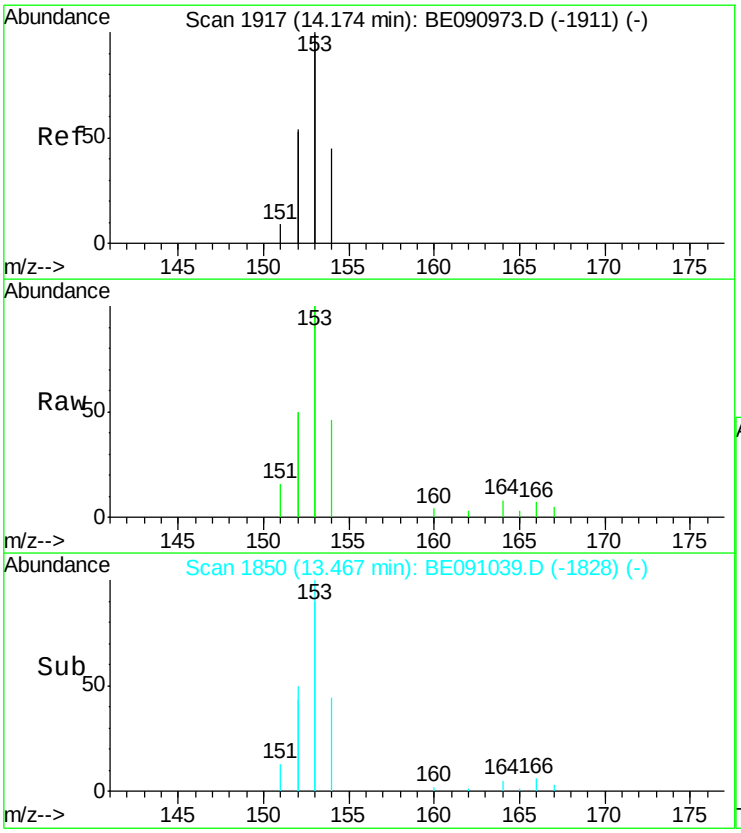
#16
Acenaphthylene
Concen: 0.11 ng
RT: 13.15 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Tgt Ion:152 Resp: 14157

Ion	Ratio	Lower	Upper
152	100		
151	6.3	3.9	5.9#
153	17.8	10.3	15.5#

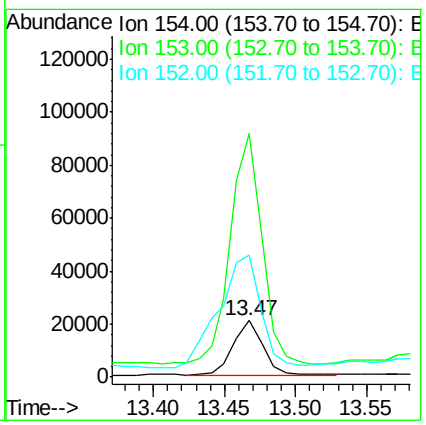


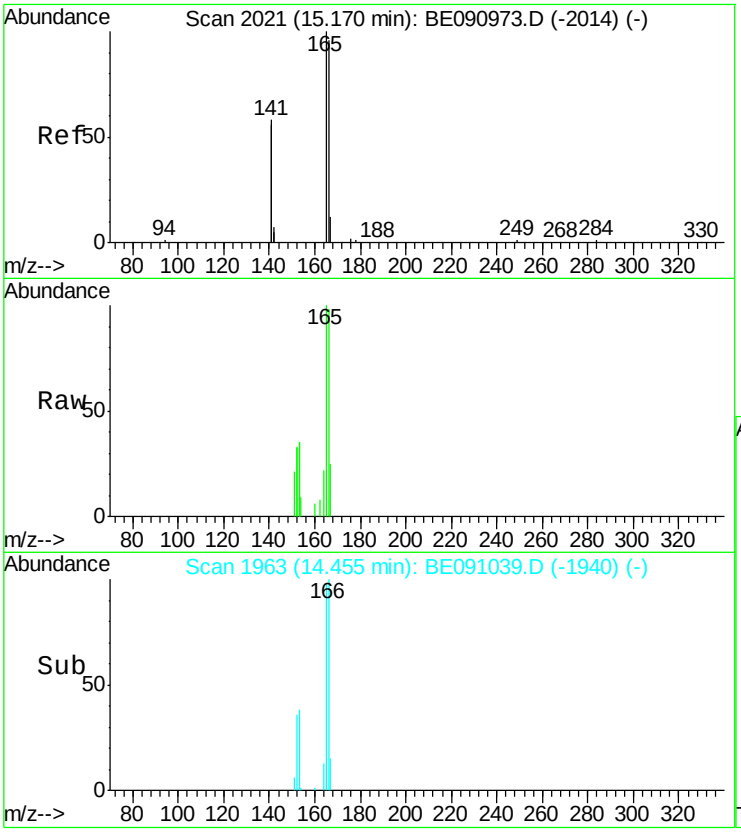


#17
Acenaphthene
Concen: 1.43 ng
RT: 13.47 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:154 Resp: 29267

Ion	Ratio	Lower	Upper
154	100		
153	454.2	352.0	528.0
152	299.7	200.0	300.0



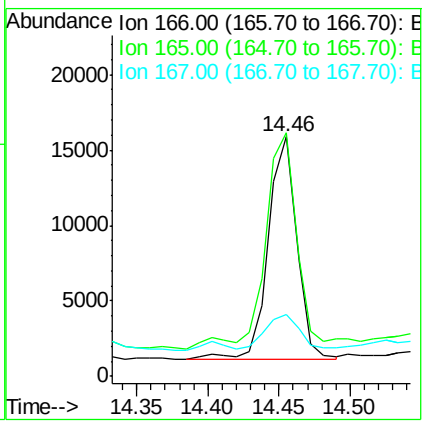


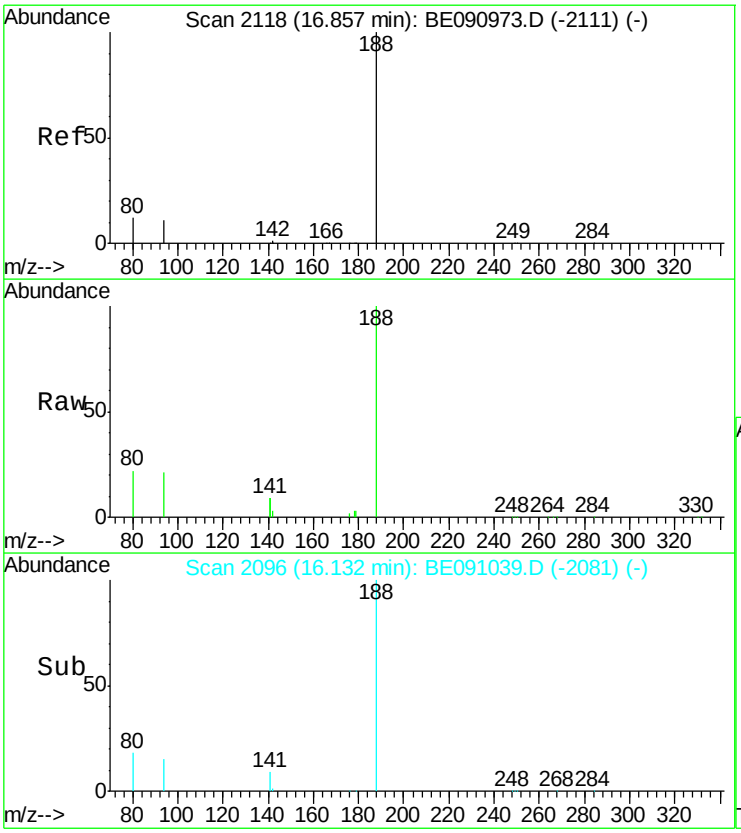
#18
Fluorene
Concen: 0.83 ng
RT: 14.46 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Tgt Ion:166 Resp: 20930

Ion	Ratio	Lower	Upper
166	100		
165	107.7	80.8	121.2
167	18.1	10.9	16.3#

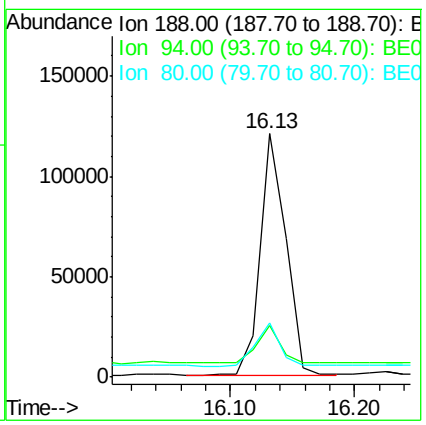


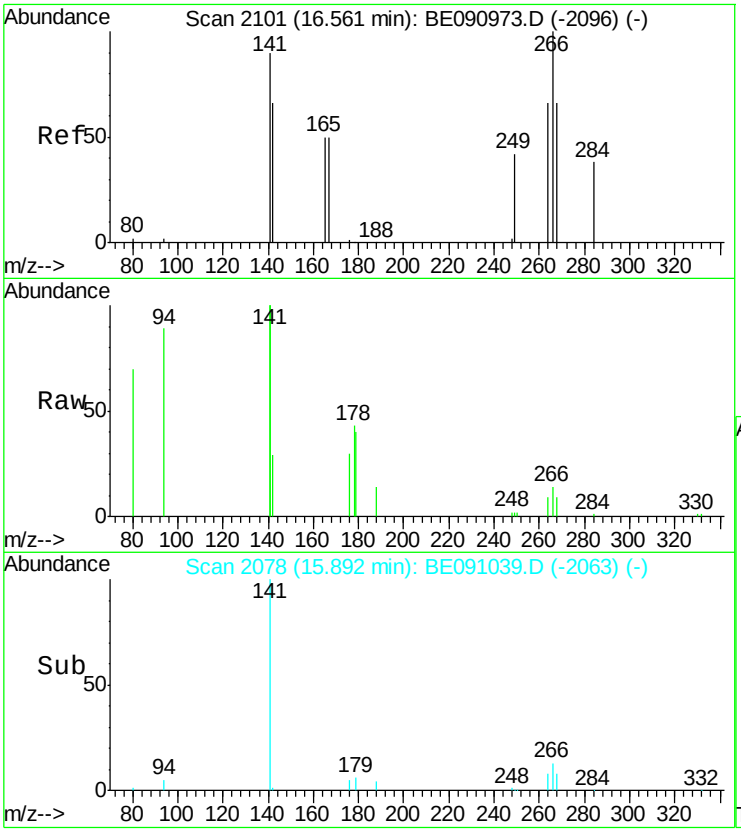


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.13 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:188 Resp: 170331

Ion	Ratio	Lower	Upper
188	100		
94	21.2	8.7	13.1#
80	22.5	9.4	14.0#



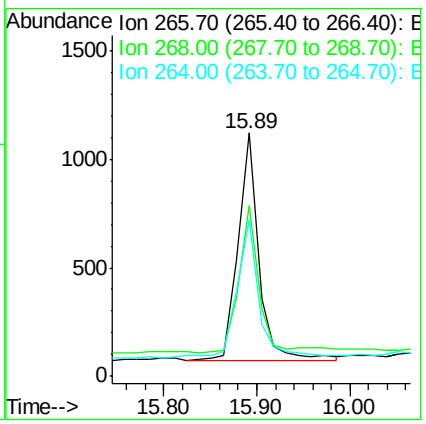


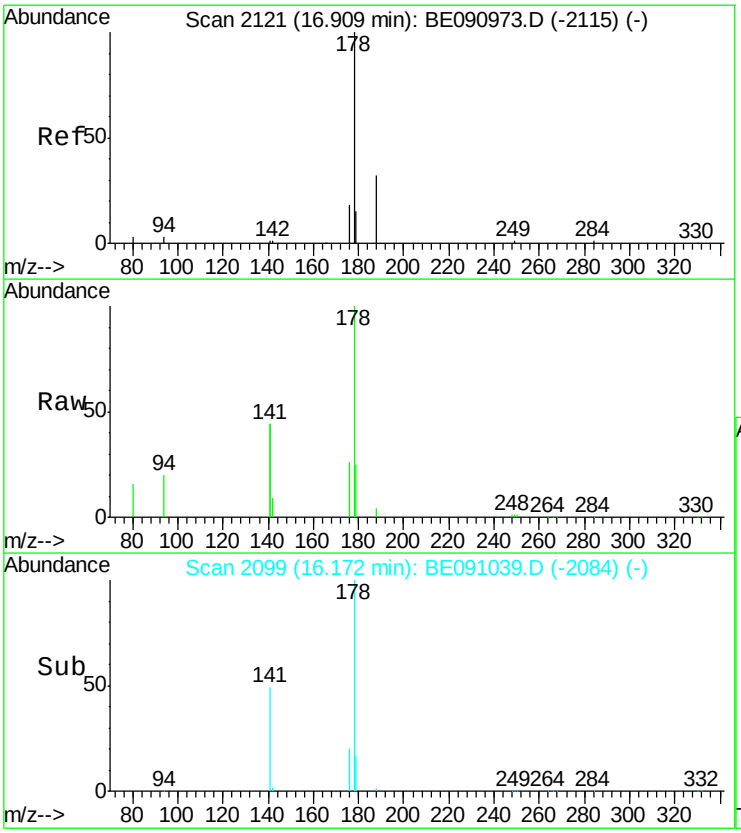
#22
Pentachlorophenol
Concen: 0.86 ng
RT: 15.89 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Tgt Ion:266 Resp: 1596

Ion	Ratio	Lower	Upper
266	100		
268	70.1	58.2	87.2
264	64.4	56.2	84.4

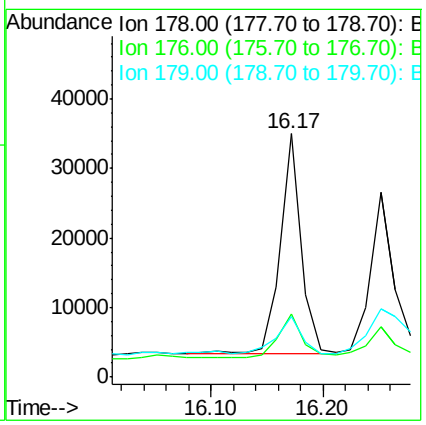


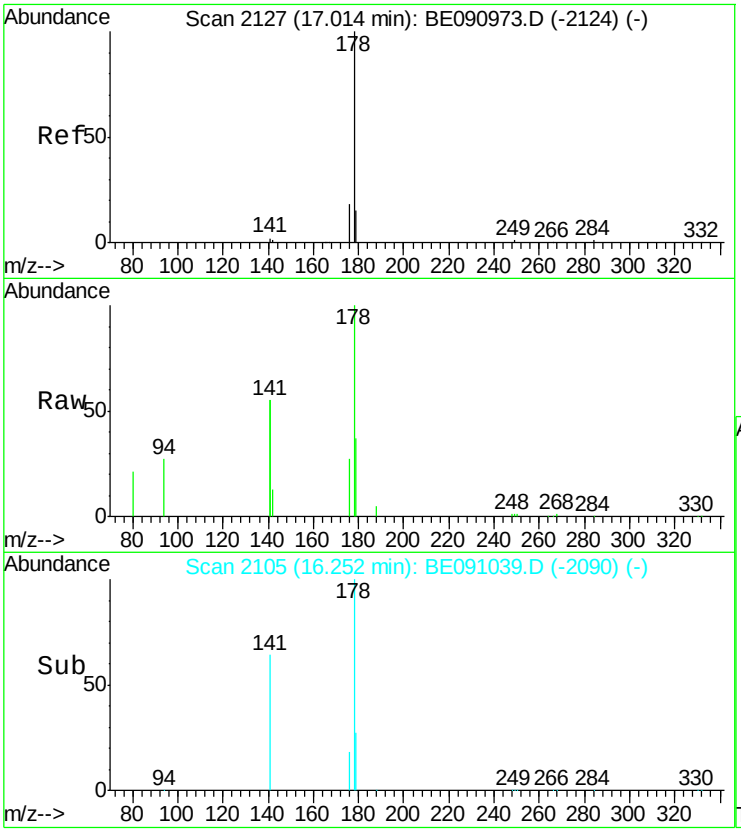


#23
Phenanthrene
Concen: 1.01 ng
RT: 16.17 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:178 Resp: 41306

Ion	Ratio	Lower	Upper
178	100		
176	23.9	15.3	22.9#
179	19.4	12.6	18.8#



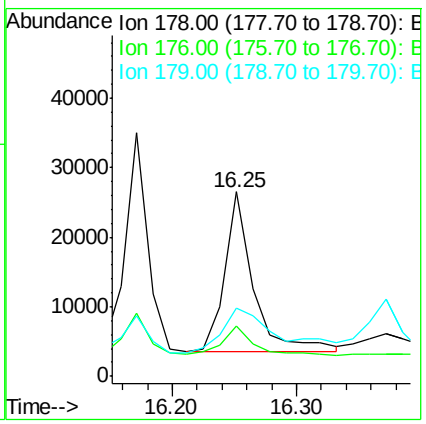


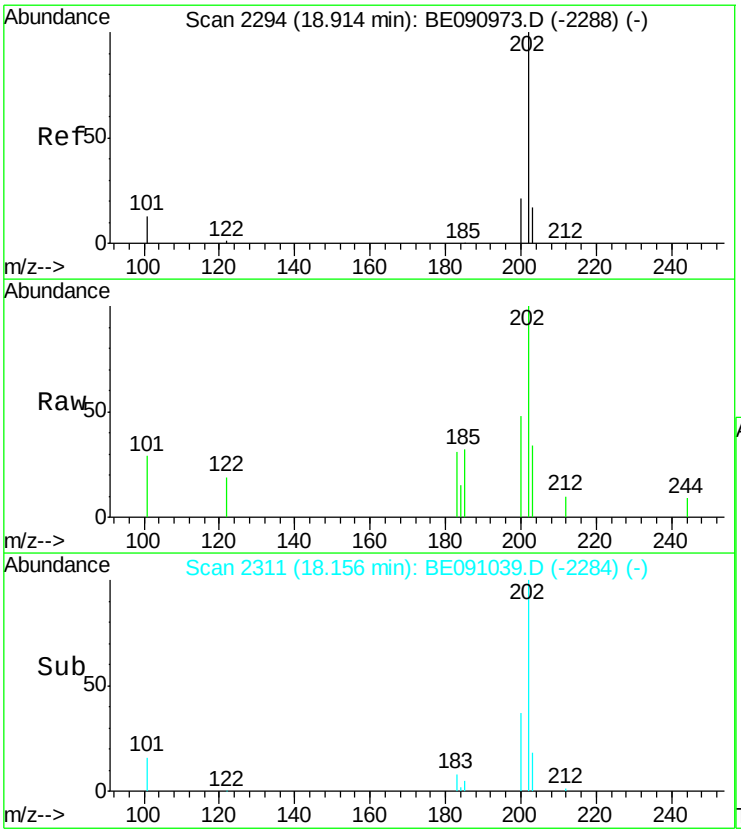
#24
Anthracene
Concen: 1.01 ng
RT: 16.25 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Tgt Ion:178 Resp: 36910

Ion	Ratio	Lower	Upper
178	100		
176	21.2	14.6	21.8
179	54.5	11.8	17.6#

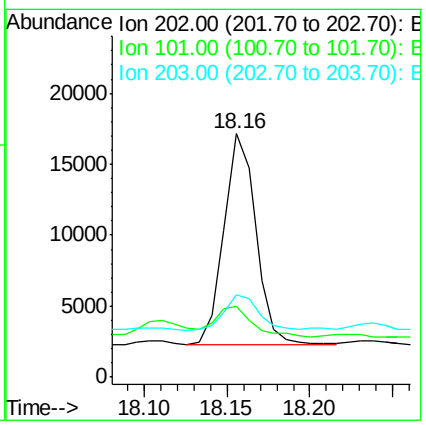


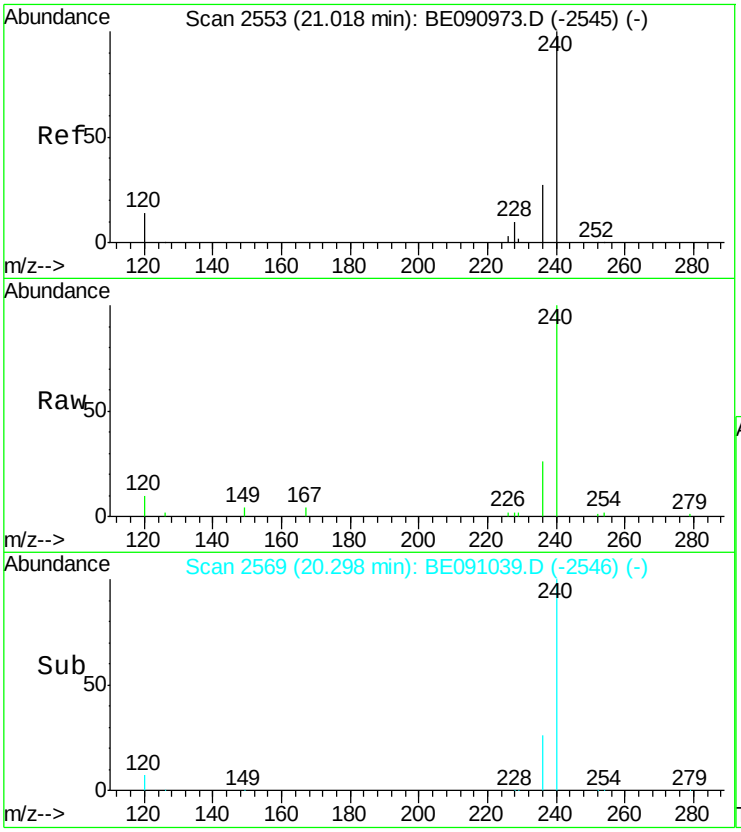


#25
Fluoranthene
Concen: 0.42 ng
RT: 18.16 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:202 Resp: 20109

Ion	Ratio	Lower	Upper
202	100		
101	18.4	11.0	16.6#
203	18.5	13.9	20.9



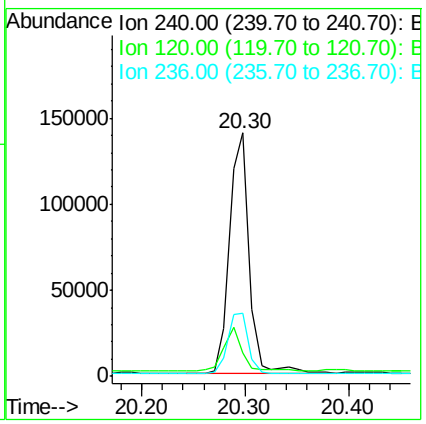


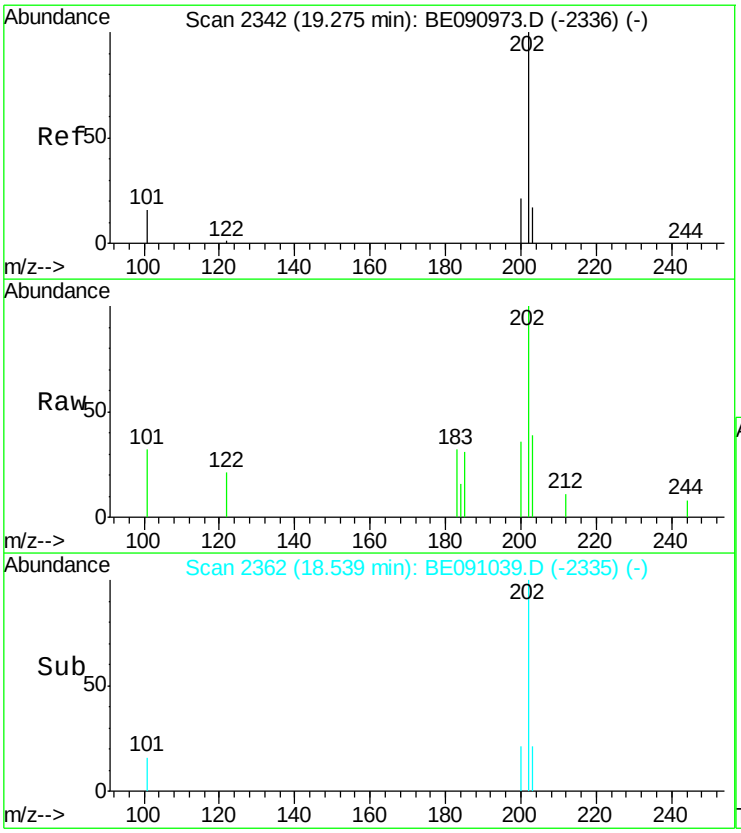
#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.30 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Tgt Ion:240 Resp: 183607

Ion	Ratio	Lower	Upper
240	100		
120	9.8	11.0	16.4#
236	26.0	21.7	32.5

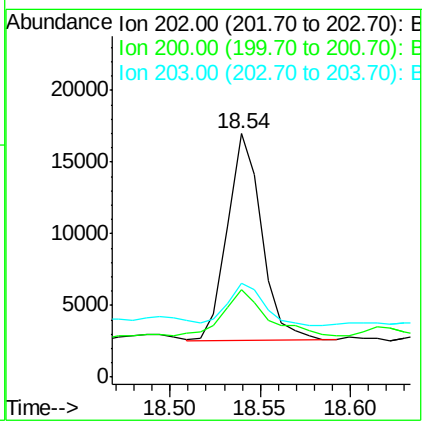


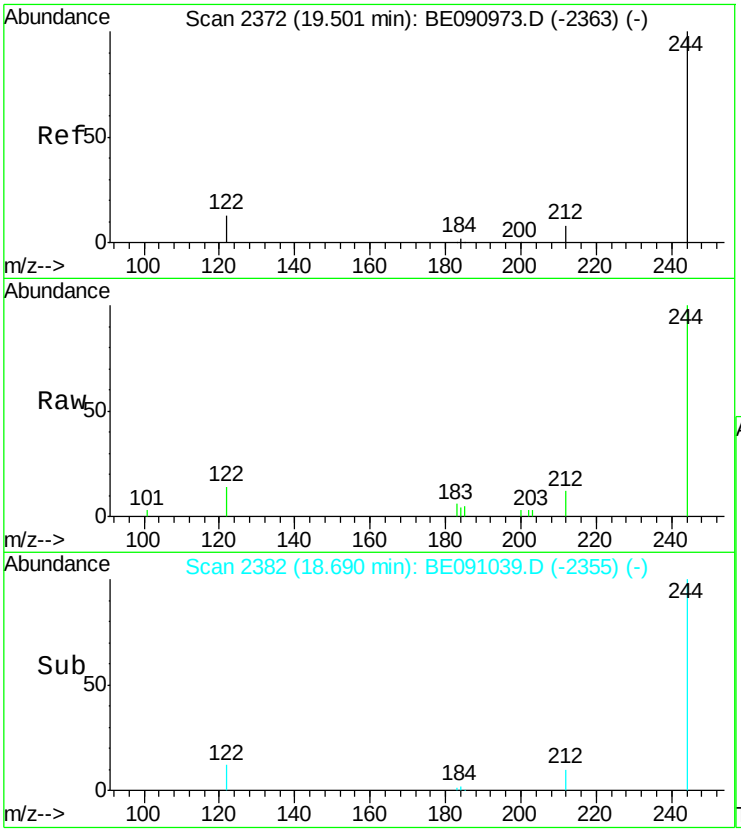


#28
Pyrene
Concen: 0.44 ng
RT: 18.54 min Scan# 2362
Delta R.T. -0.00 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:202 Resp: 19209

Ion	Ratio	Lower	Upper
202	100		
200	39.2	16.8	25.2#
203	23.5	14.0	21.0#



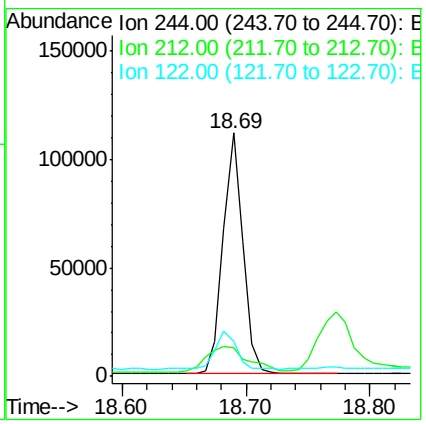


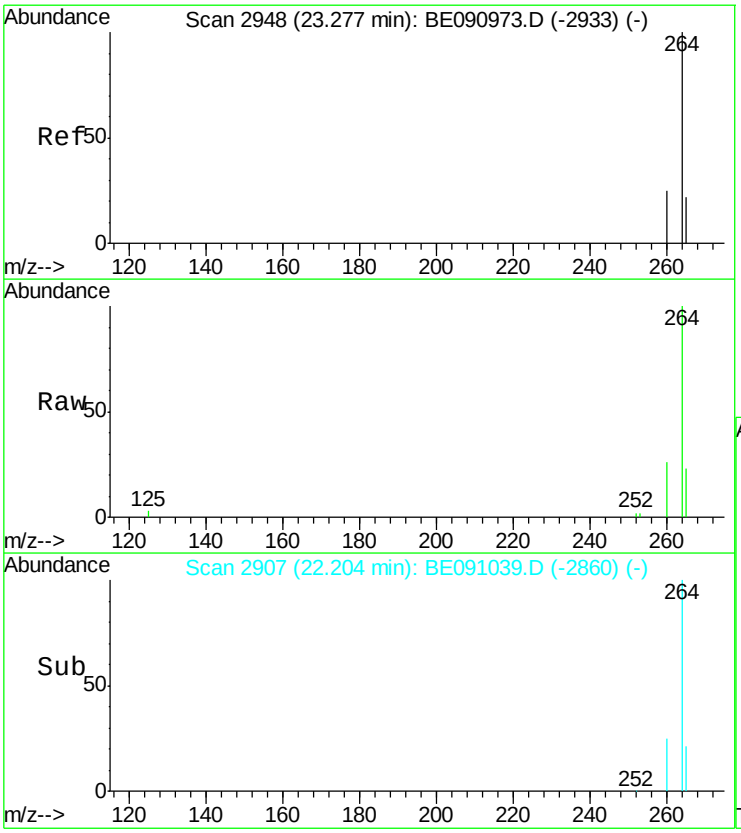
#29
Terphenyl-d14
Concen: 5.44 ng
RT: 18.69 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Instrument :
BNA_E
ClientSampleId :
SB15-45-GW

Tgt Ion:244 Resp: 123282

Ion	Ratio	Lower	Upper
244	100		
212	11.6	6.9	10.3#
122	14.4	11.0	16.4





#35
Perylene-d12
Concen: 5.00 ng
RT: 22.20 min Scan# 2907
Delta R.T. 0.01 min
Lab File: BE091039.D
Acq: 23 Oct 2015 18:33

Tgt Ion:264 Resp: 175834

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.0	30.0
265	23.1	17.5	26.3