Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102315\
Data File : BE091042.D
Acq On : 23 Oct 2015 20:20
Operator : UM/NP
Sample : G4143-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YT-MW-10

Quant Time: Oct 24 05:02:39 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 02:19:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	17360	5.00	ng	0.00
7) Naphthalene-d8	9.58	136	91082	5.00	ng	0.00
13) Acenaphthene-d10	13.41	164	54699	5.00	ng	0.00
19) Phenanthrene-d10	16.13	188	134223	5.00	ng	0.00
26) Chrysene-d12	20.29	240	160671	5.00	ng	0.00
35) Perylene-d12	22.19	264	155926	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.92	112	17935	5.12	ng	-0.01
5) Phenol-d6	6.55	99	15989	3.60	ng	0.00
8) Nitrobenzene-d5	8.16	82	33799	5.60	ng	-0.02
14) 2,4,6-Tribromophenol	14.93	330	21229	11.13	ng	-0.01
15) 2-Fluorobiphenyl	12.04	172	64477	4.35	ng	0.00
29) Terphenyl-d14	18.69	244	114930	5.79	ng	0.00
Target Compounds						Qvalue
18) Fluorene	14.45	166	412	0.02	ng	# 77
24) Anthracene	16.25	178	4054	0.15	ng	# 95
28) Pyrene	18.54	202	1841	0.04	ng	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102315\
Data File : BE091042.D
Acq On : 23 Oct 2015 20:20
Operator : UM/NP
Sample : G4143-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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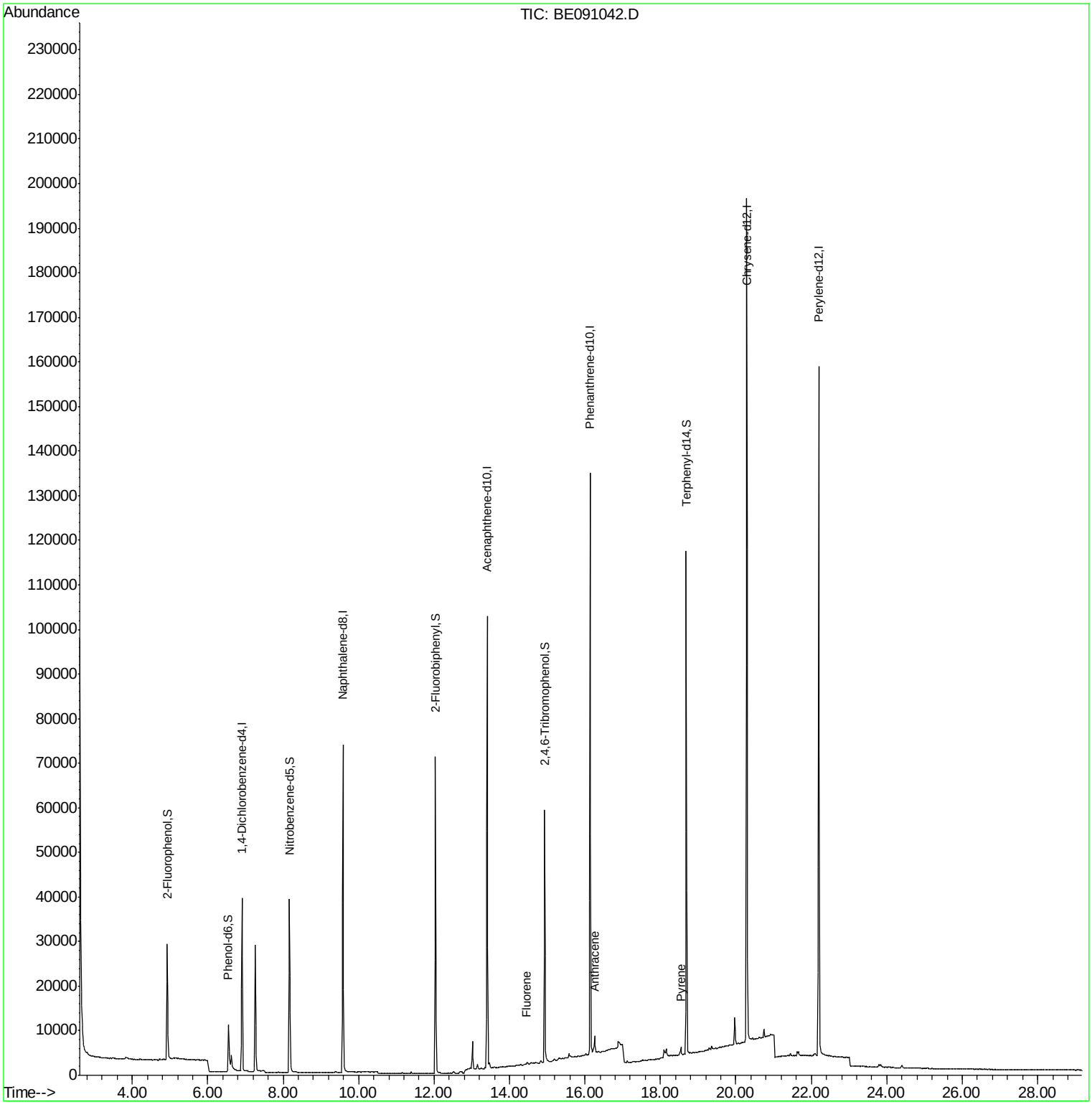
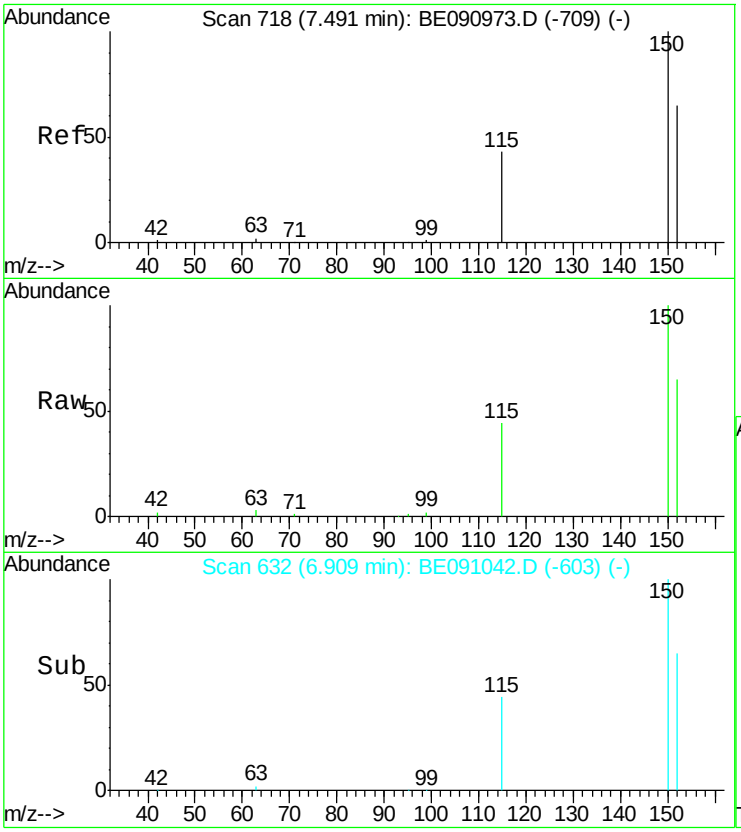
QLast Update : Sat Oct 24 02:19:56 2015
Response via : Initial Calibration



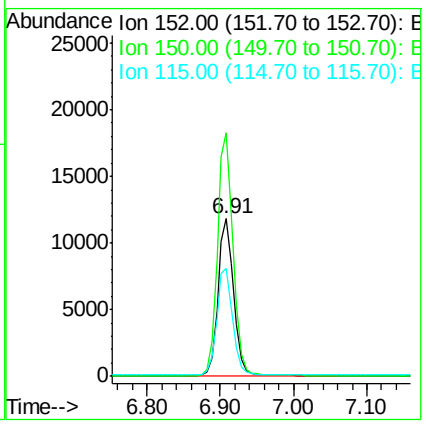


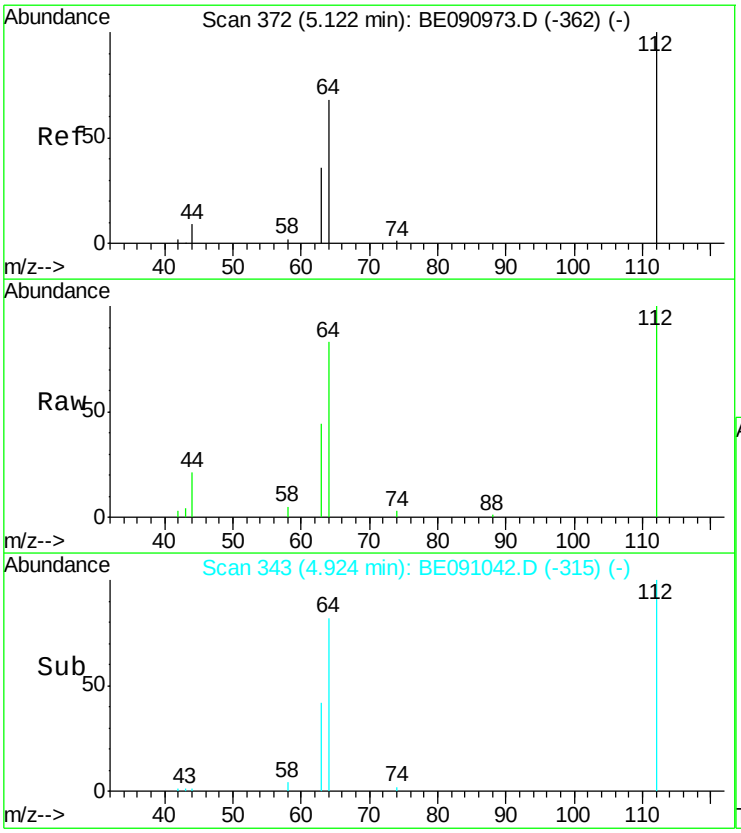
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Instrument :
BNA_E
ClientSampleId :
YT-MW-10

Tgt Ion:152 Resp: 17360

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.6	183.8
115	68.4	52.8	79.2

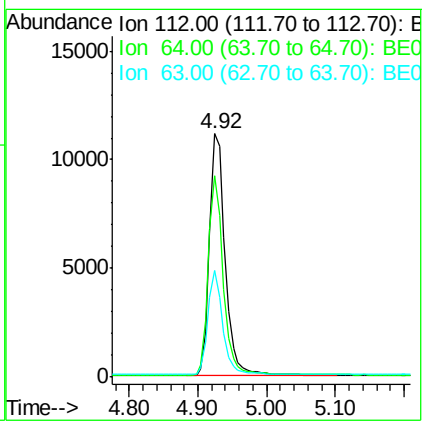


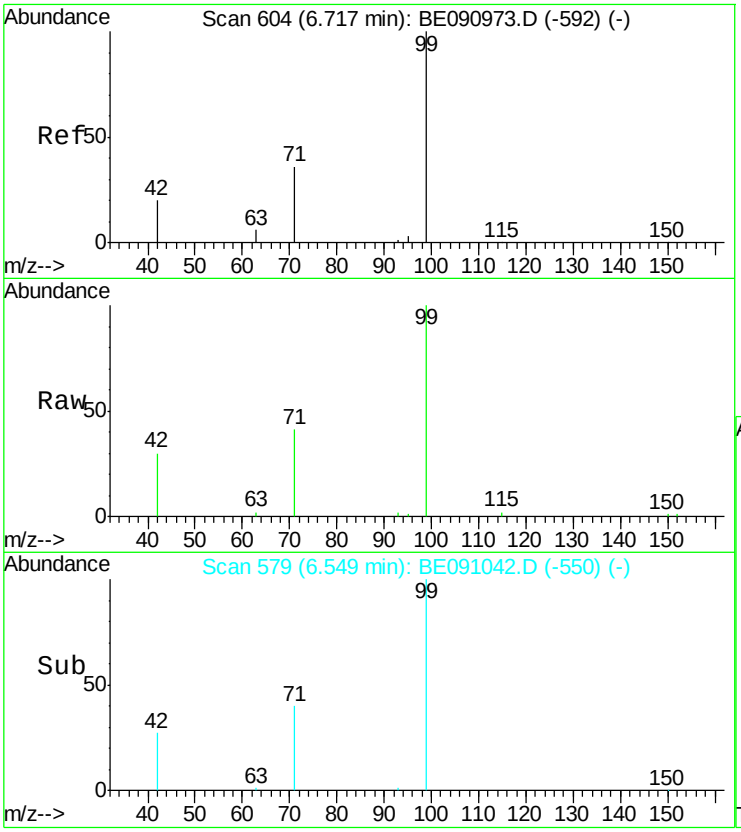


#4
2-Fluorophenol
Concen: 5.12 ng
RT: 4.92 min Scan# 343
Delta R.T. -0.01 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Tgt Ion:112 Resp: 17935

Ion	Ratio	Lower	Upper
112	100		
64	78.6	30.9	46.3#
63	40.3	16.7	25.1#



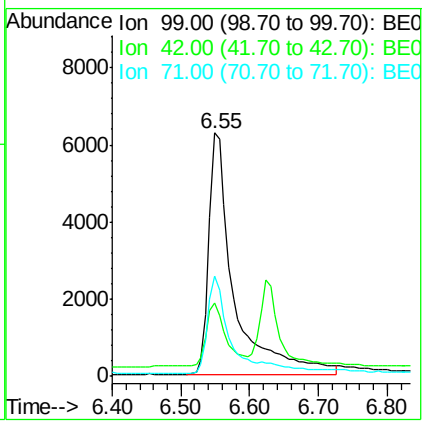


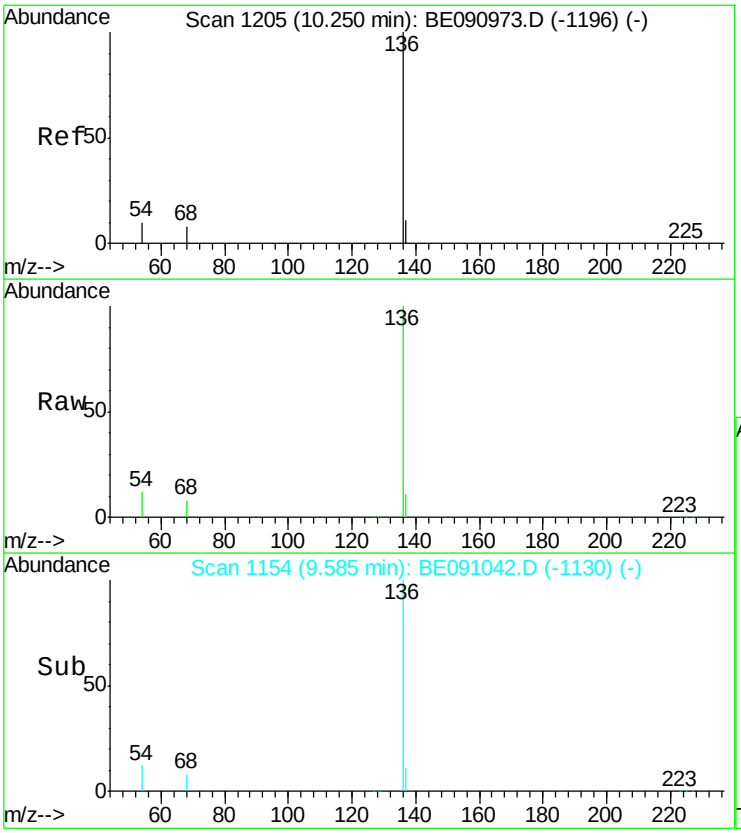
#5
Phenol-d6
Concen: 3.60 ng
RT: 6.55 min Scan# 579
Delta R.T. -0.01 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Instrument :
BNA_E
ClientSampleId :
YT-MW-10

Tgt Ion: 99 Resp: 15989

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.2	24.2
71	38.2	29.0	43.4

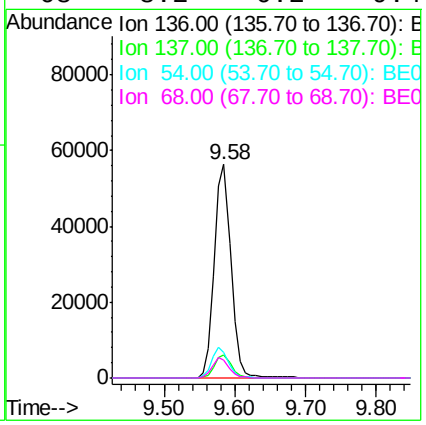


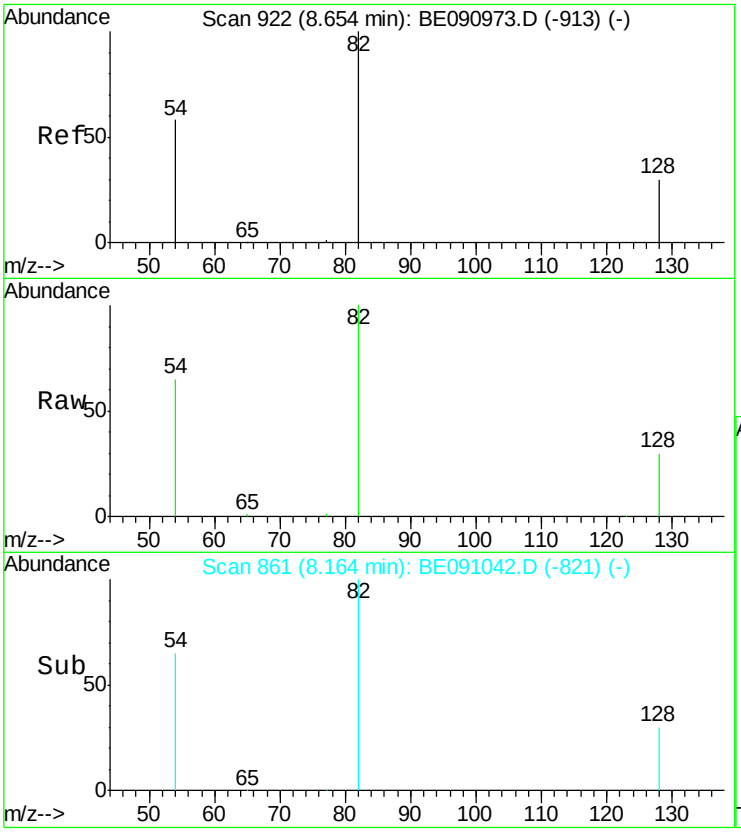


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 9.58 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Tgt Ion:136 Resp: 91082

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	11.9	8.2	12.4
68	8.2	6.2	9.4



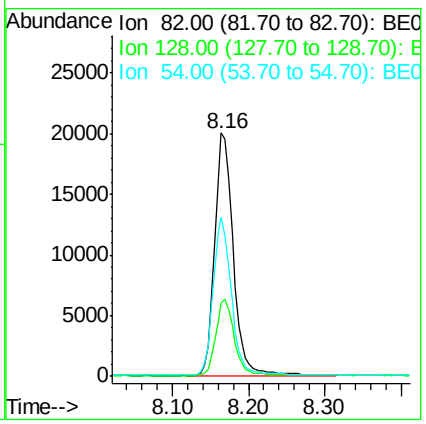


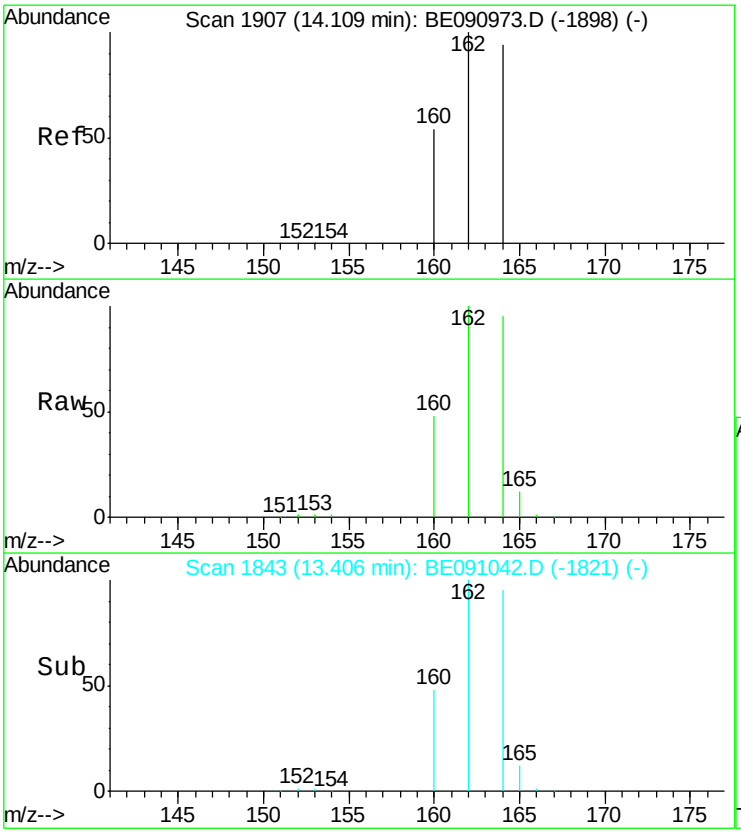
#8
Nitrobenzene-d5
Concen: 5.60 ng
RT: 8.16 min Scan# 861
Delta R.T. -0.02 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Instrument :
BNA_E
ClientSampleId :
YT-MW-10

Tgt Ion: 82 Resp: 33799

Ion	Ratio	Lower	Upper
82	100		
128	30.0	25.4	38.0
54	65.3	48.4	72.6

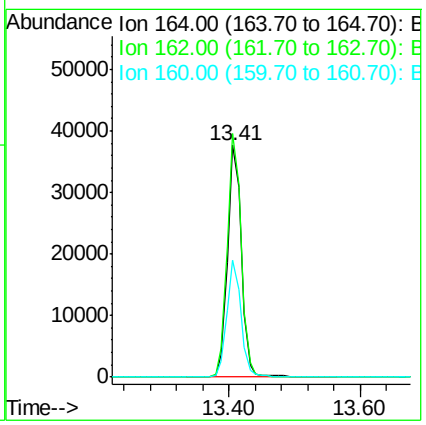


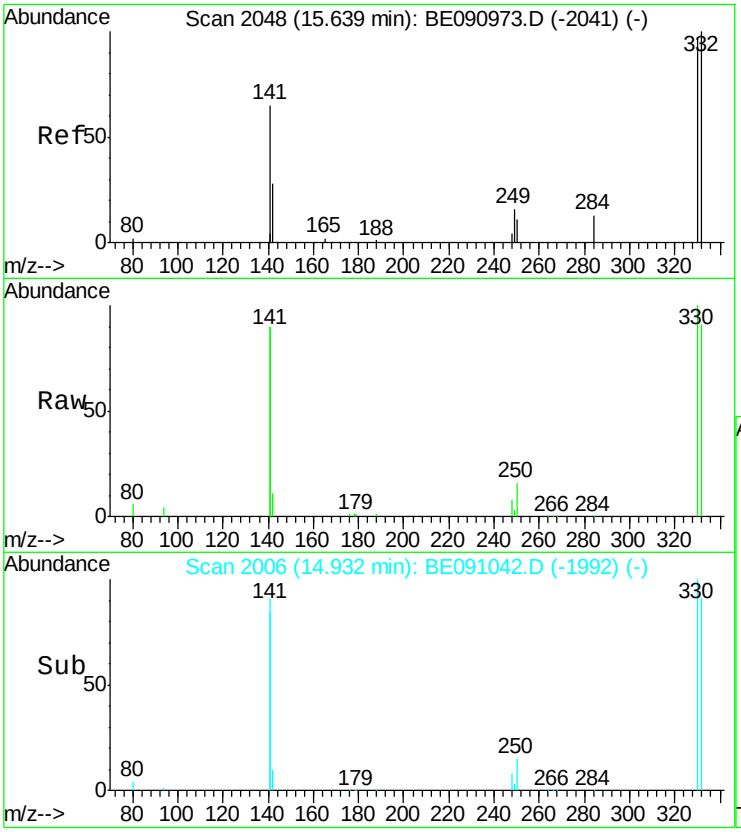


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.41 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Tgt Ion:164 Resp: 54699

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.3	127.9
160	50.6	46.2	69.2



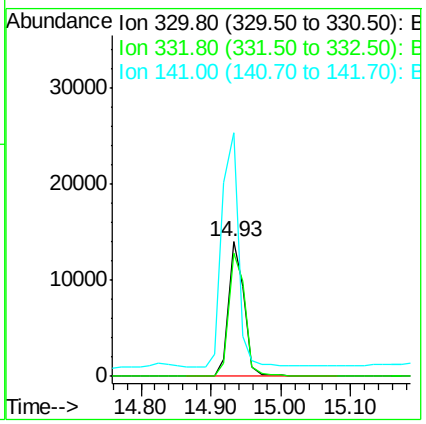


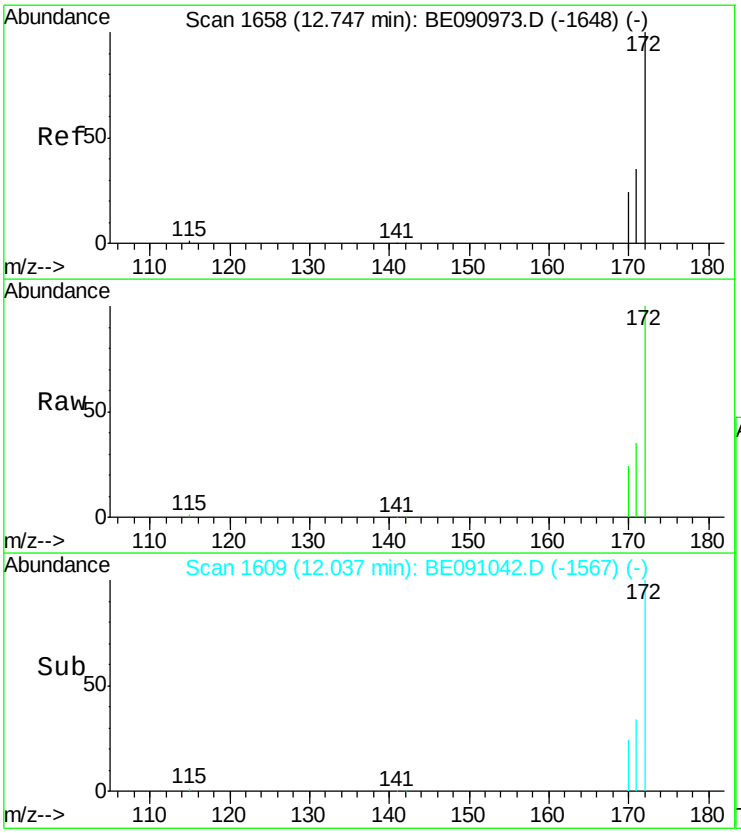
#14
2,4,6-Tribromophenol
Concen: 11.13 ng
RT: 14.93 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Instrument :
BNA_E
ClientSampleId :
YT-MW-10

Tgt Ion:330 Resp: 21229

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	188.1	125.4	188.0#

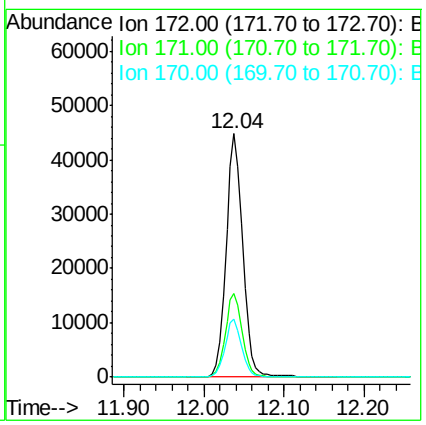


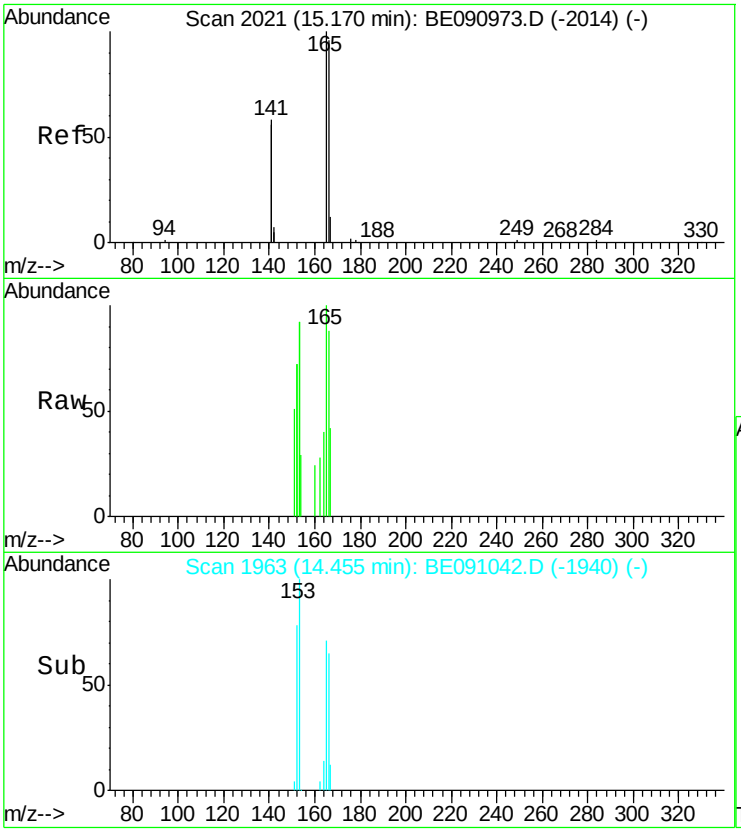


#15
2-Fluorobiphenyl
Concen: 4.35 ng
RT: 12.04 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Tgt Ion:172 Resp: 64477

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.8	43.2
170	23.6	19.3	28.9



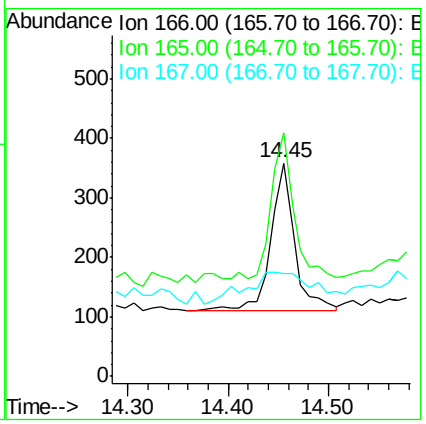


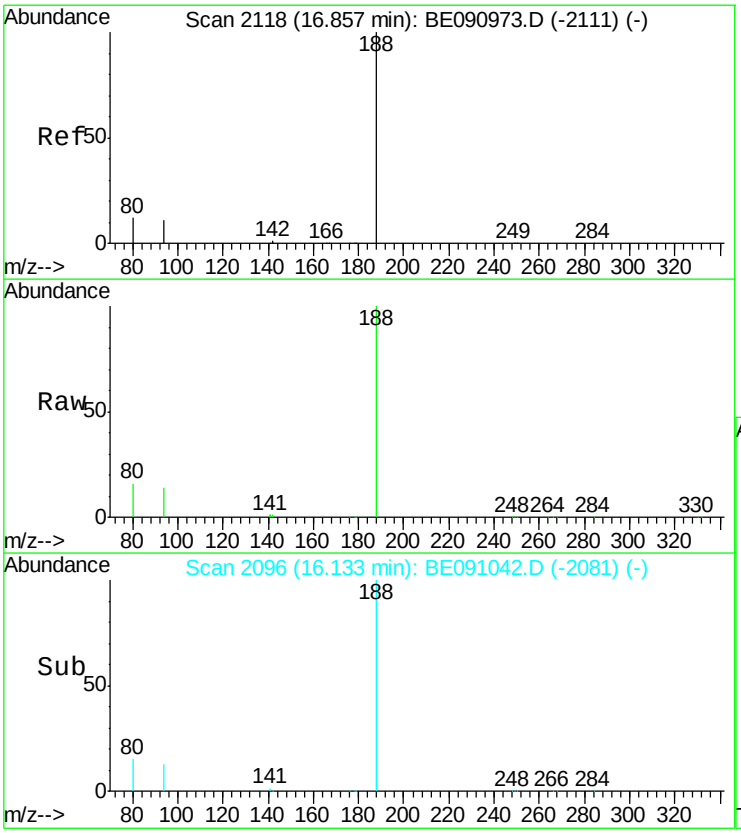
#18
Fluorene
Concen: 0.02 ng
RT: 14.45 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Instrument :
BNA_E
ClientSampleId :
YT-MW-10

Tgt Ion:166 Resp: 412

Ion	Ratio	Lower	Upper
166	100		
165	91.7	80.8	121.2
167	62.6	10.9	16.3#

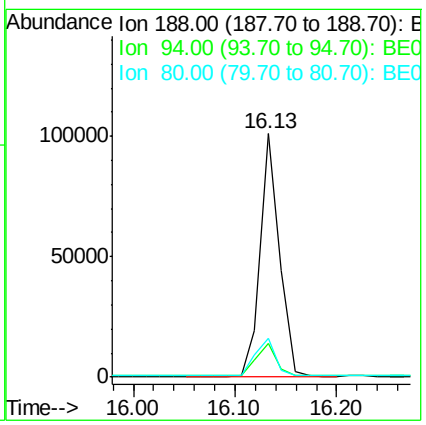


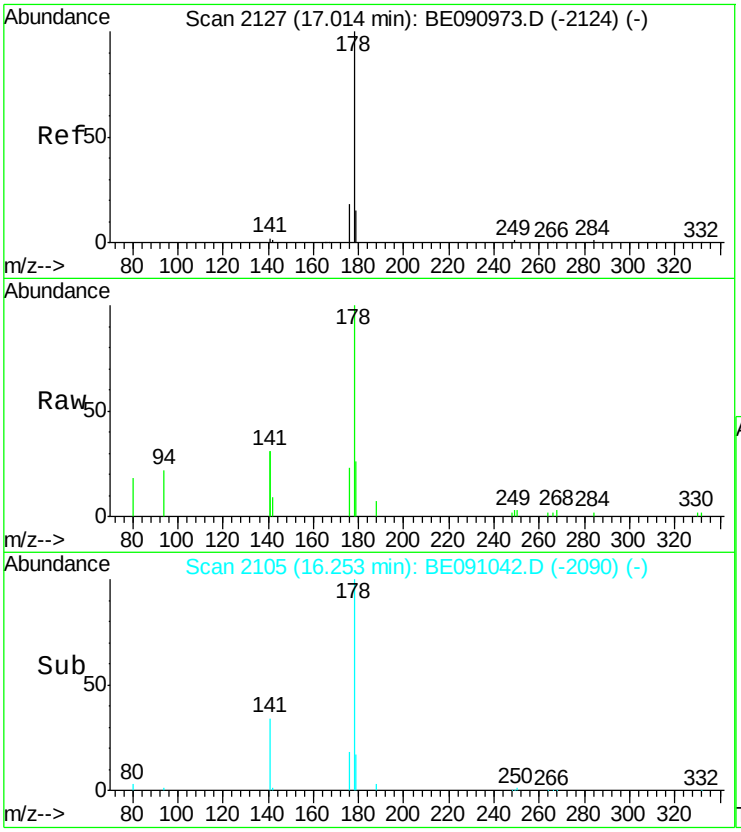


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.13 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Tgt Ion:188 Resp: 134223

Ion	Ratio	Lower	Upper
188	100		
94	13.9	8.7	13.1#
80	15.9	9.4	14.0#



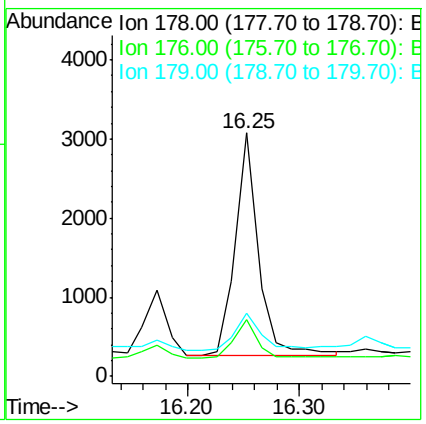


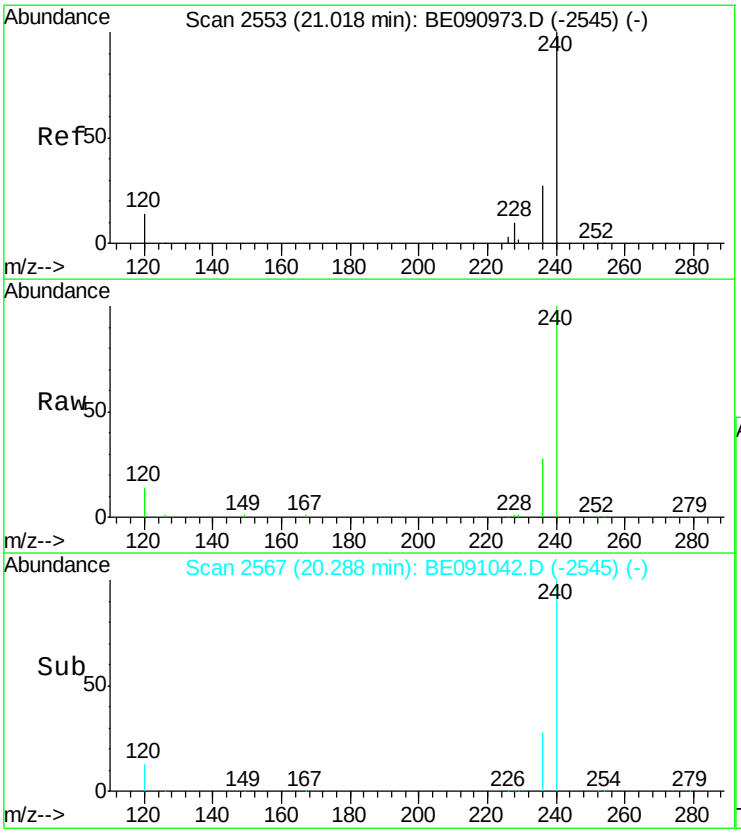
#24
Anthracene
Concen: 0.15 ng
RT: 16.25 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Instrument :
BNA_E
ClientSampleId :
YT-MW-10

Tgt Ion:178 Resp: 4054

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	19.4	11.8	17.6#

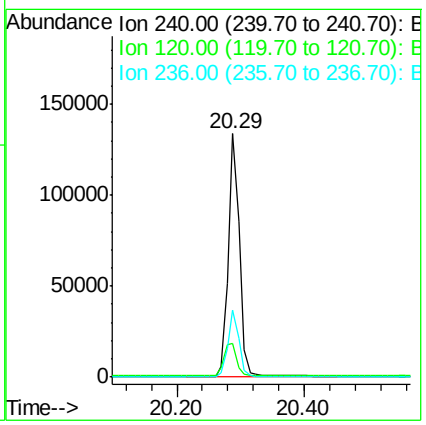


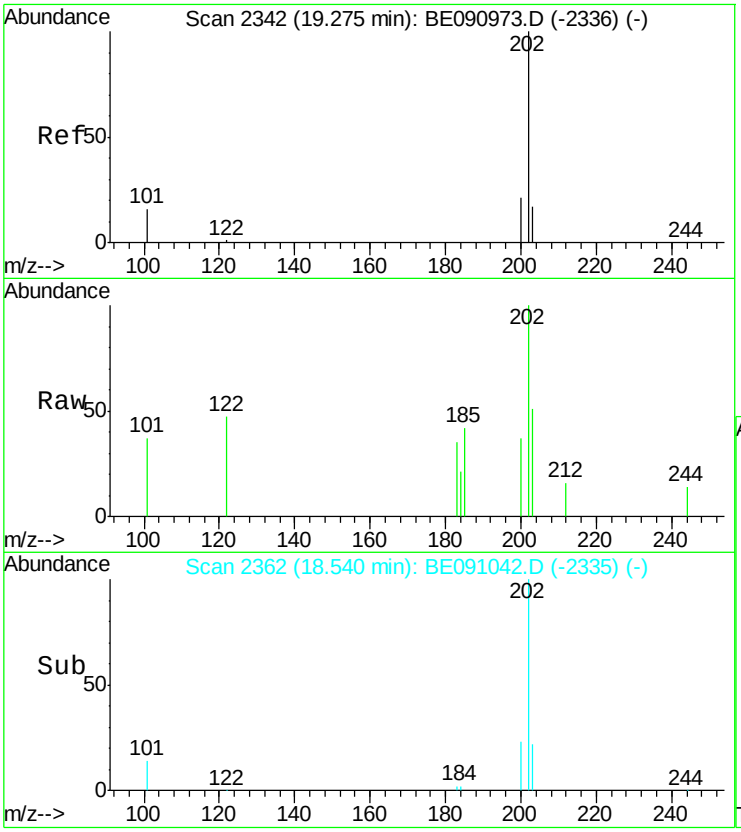


#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.29 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Tgt Ion:240 Resp: 160671

Ion	Ratio	Lower	Upper
240	100		
120	13.9	11.0	16.4
236	27.7	21.7	32.5



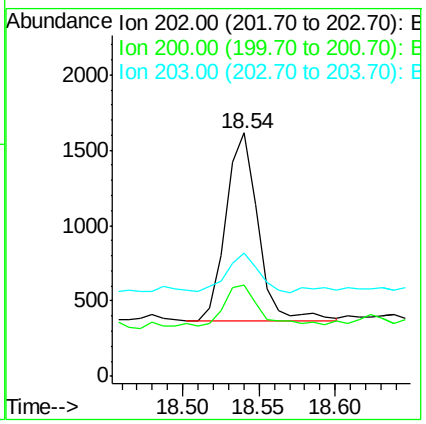


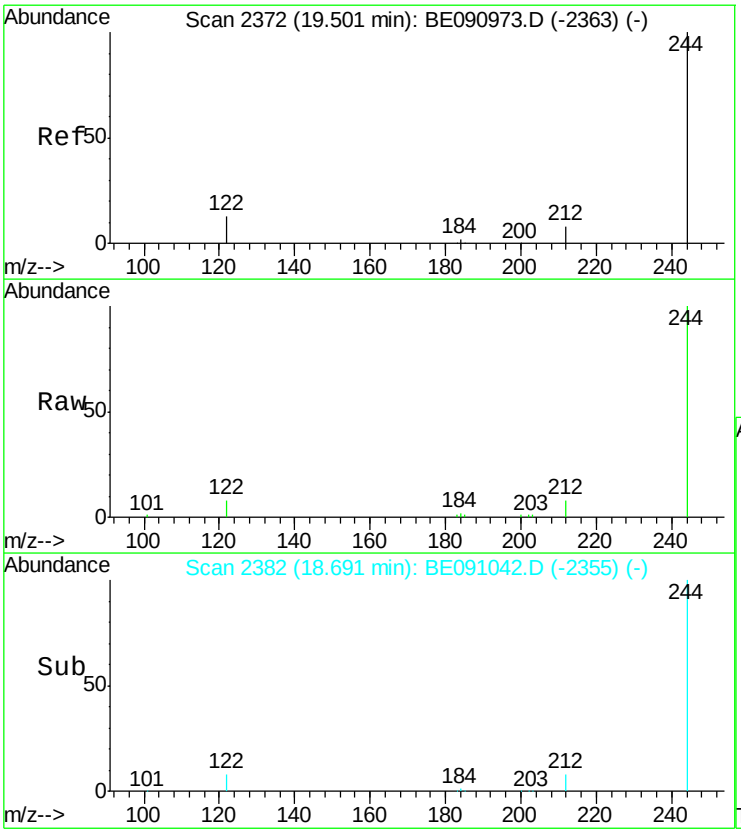
#28
Pyrene
Concen: 0.04 ng
RT: 18.54 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Instrument :
BNA_E
ClientSampleId :
YT-MW-10

Tgt Ion:202 Resp: 1841

Ion	Ratio	Lower	Upper
202	100		
200	25.1	16.8	25.2
203	20.1	14.0	21.0

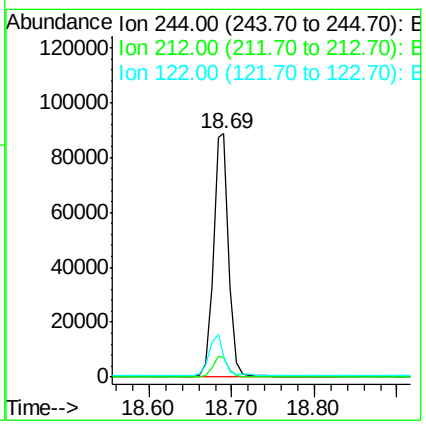


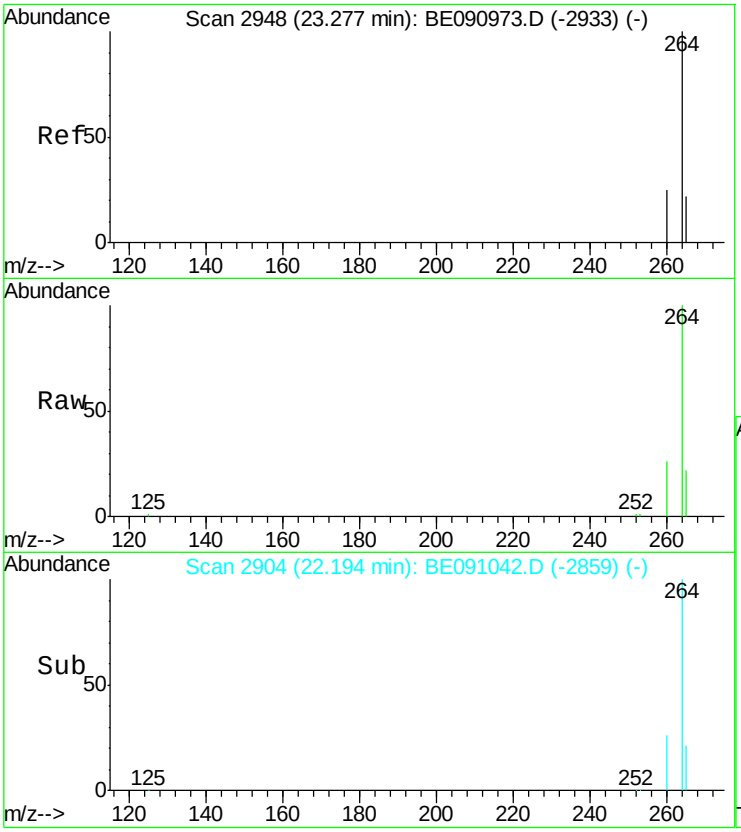


#29
Terphenyl-d14
Concen: 5.79 ng
RT: 18.69 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Tgt Ion:244 Resp: 114930

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	8.3	11.0	16.4#





#35
Perylene-d12
Concen: 5.00 ng
RT: 22.19 min Scan# 2904
Delta R.T. 0.00 min
Lab File: BE091042.D
Acq: 23 Oct 2015 20:20

Instrument :
BNA_E
ClientSampleId :
YT-MW-10

Tgt Ion:264 Resp: 155926

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.0	30.0
265	22.3	17.5	26.3