Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
Data File : BE090494.D
Acq On : 13 Aug 2015 7:24
Operator : UM/IZ
Sample : G3248-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CSB-08

Quant Time: Aug 13 08:06:54 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23623	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	107993	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	64640	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	138139	5.00	ng		0.00
25) Chrysene-d12	21.10	240	155848	5.00	ng		0.00
32) Perylene-d12	23.40	264	154956	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	19440	5.48	ng		0.00
5) Phenol-d6	6.77	99	36515	4.85	ng		0.00
7) Nitrobenzene-d5	8.72	82	17492	2.11	ng		-0.01
13) 2,4,6-Tribromophenol	15.69	330	10079	5.86	ng		-0.02
14) 2-Fluorobiphenyl	12.81	172	37017	2.08	ng		0.00
27) Terphenyl-d14	19.55	244	39329	1.71	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.38	128	178887	7.50	ng		98
11) 2-Methylnaphthalene	12.00	142	371752	26.88	ng		99
21) Pentachlorophenol	16.60	266	1623	1.59	ng		95
22) Phenanthrene	16.98	178	46002	1.33	ng		98
24) Fluoranthene	18.98	202	24903	0.73	ng	#	82
26) Pyrene	19.34	202	11167	0.33	ng		97
30) Bis(2-ethylhexyl)phthalate	21.03	149	189724	10.56	ng		99

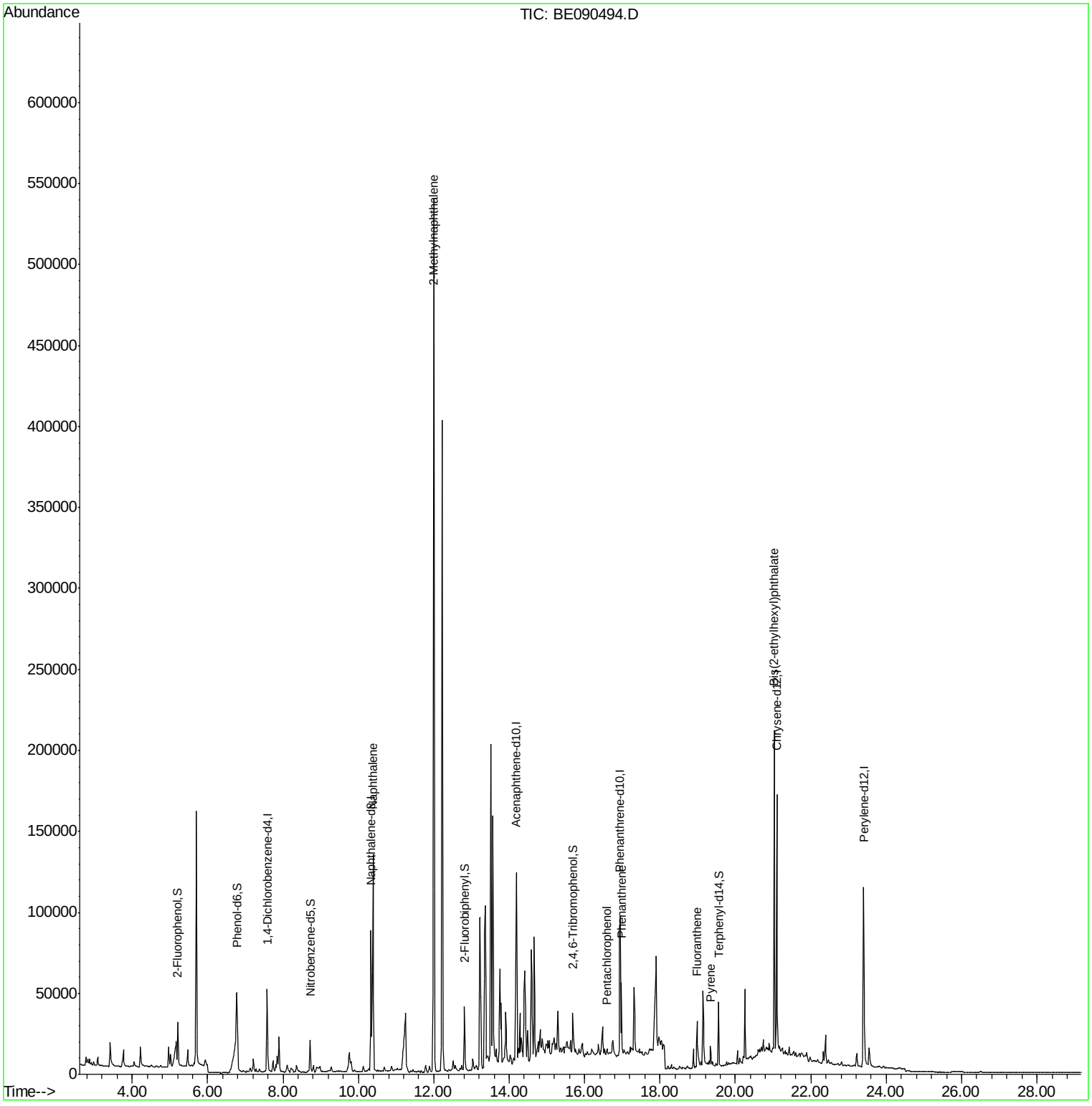
(#) = qualifier out of range (m) = manual integration (+) = signals summed

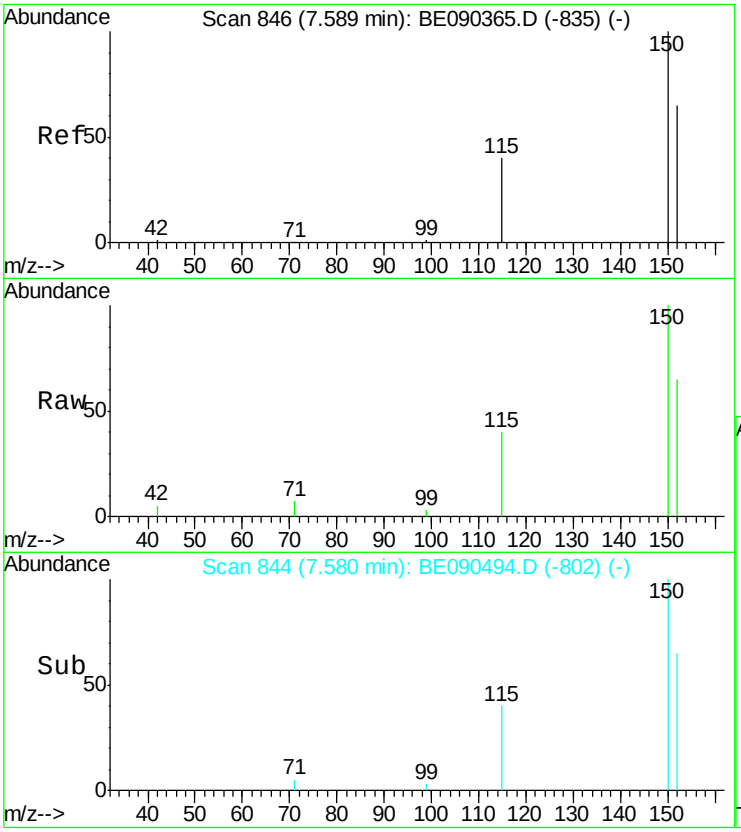
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
Data File : BE090494.D
Acq On : 13 Aug 2015 7:24
Operator : UM/IZ
Sample : G3248-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CSB-08

Quant Time: Aug 13 08:06:54 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration



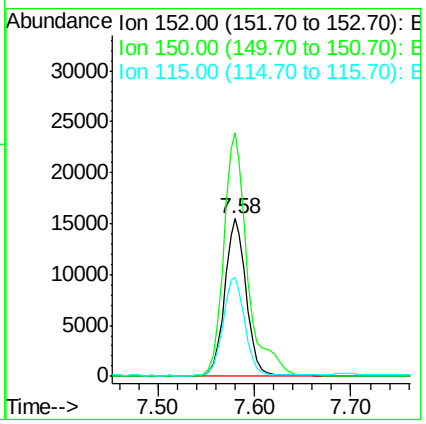


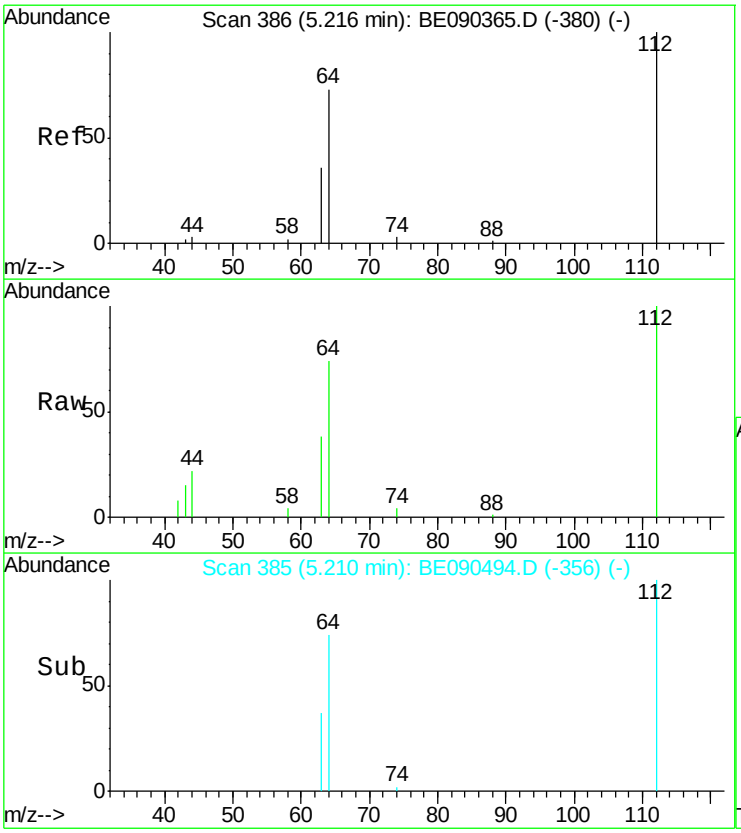
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Instrument :
BNA_E
ClientSampleId :
CSB-08

Tgt Ion:152 Resp: 23623

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.0	184.4
115	62.6	48.9	73.3

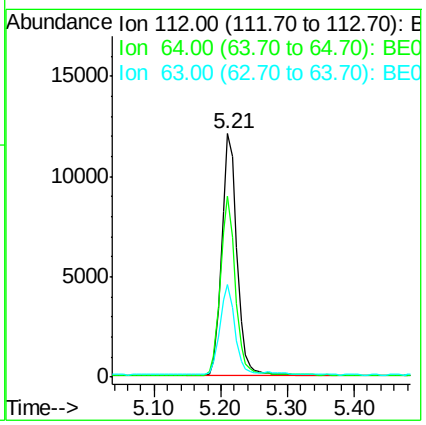


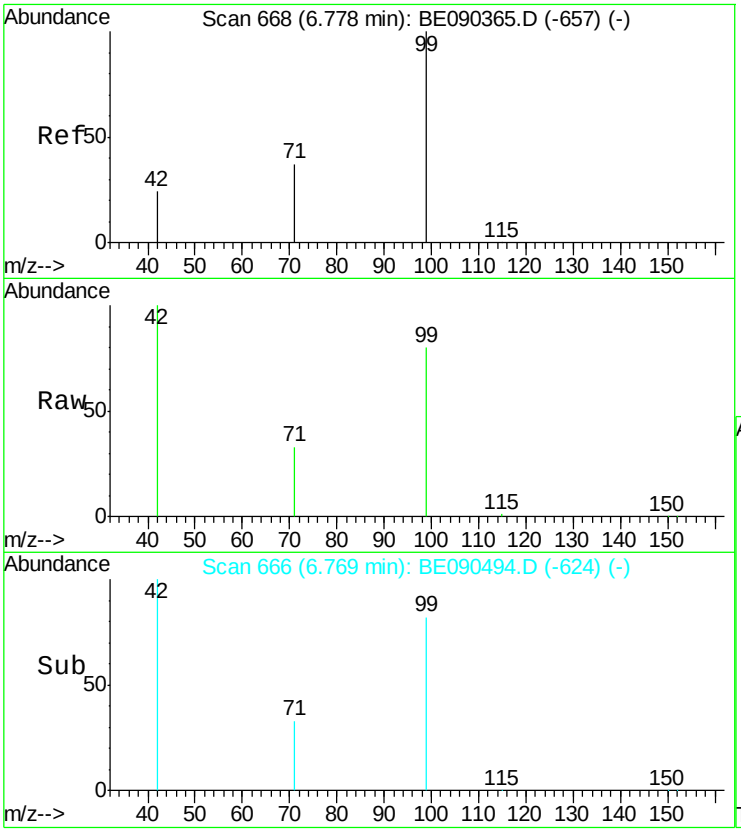


#4
2-Fluorophenol
Concen: 5.48 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Tgt Ion:112 Resp: 19440

Ion	Ratio	Lower	Upper
112	100		
64	73.0	37.1	55.7#
63	35.7	19.5	29.3#



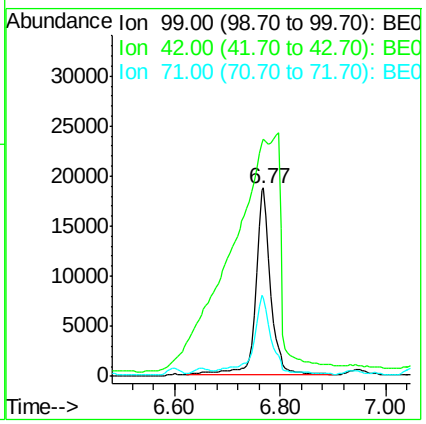


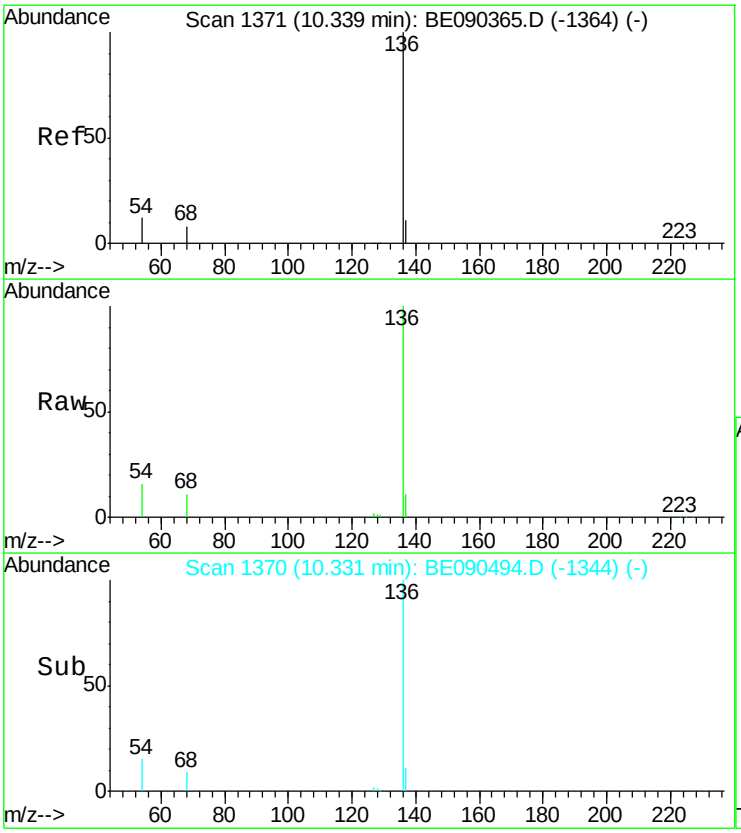
#5
Phenol-d6
Concen: 4.85 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Instrument :
BNA_E
ClientSampleId :
CSB-08

Tgt Ion: 99 Resp: 36515

Ion	Ratio	Lower	Upper
99	100		
42	317.7	18.2	27.4#
71	48.0	27.4	41.0#

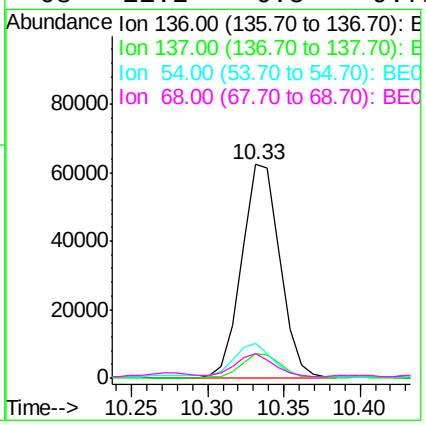


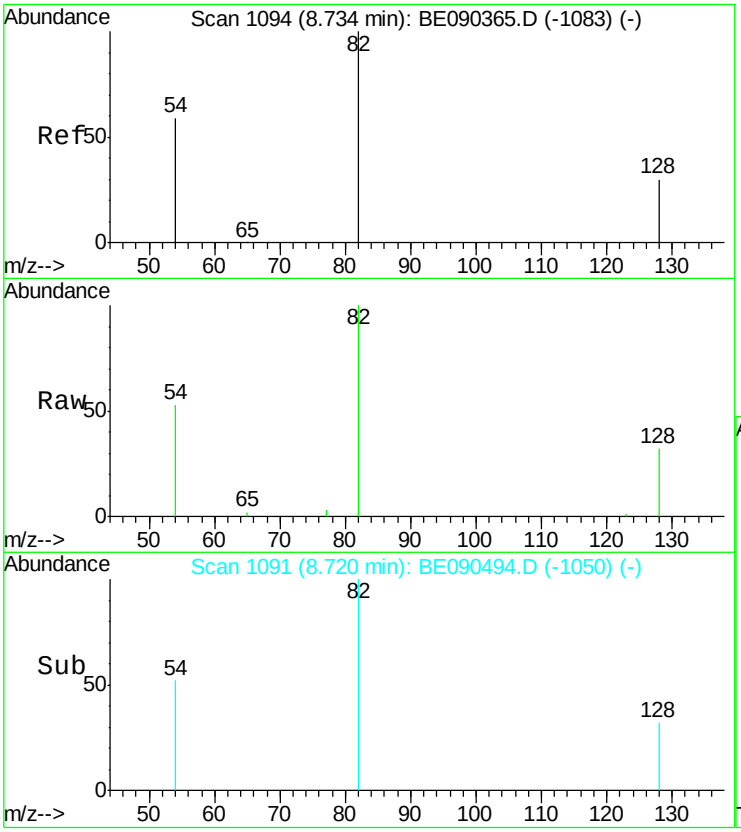


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Tgt Ion:136 Resp: 107993

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	16.2	9.4	14.0#
68	11.2	6.5	9.7#



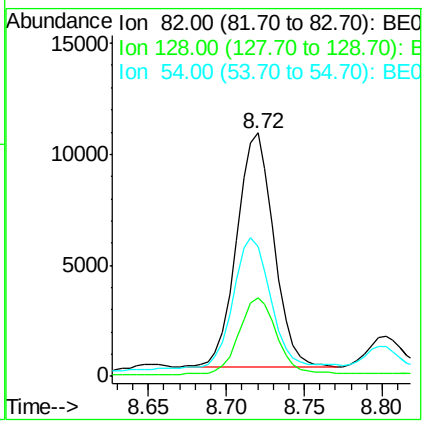


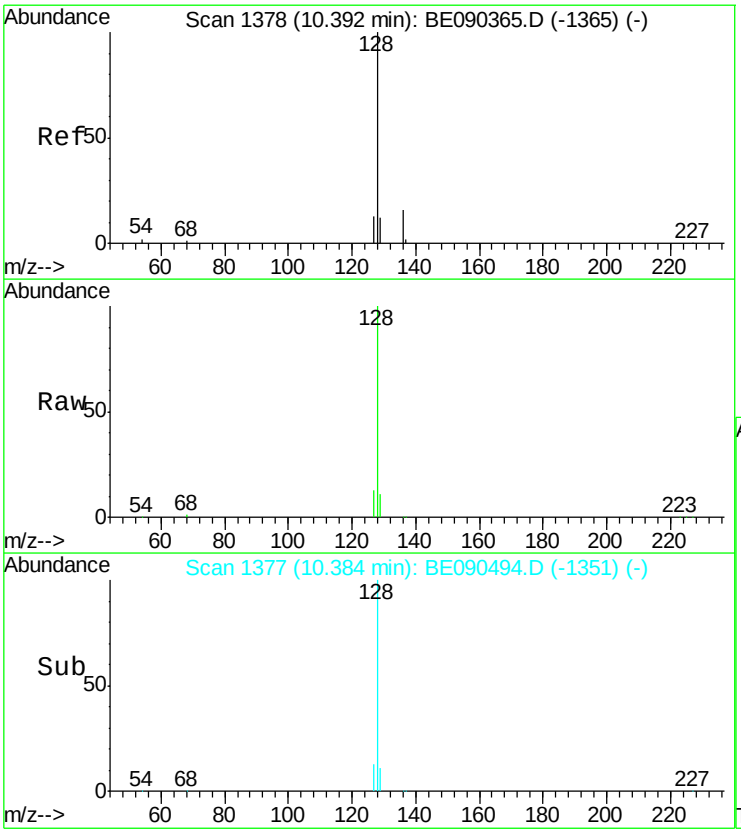
#7
Nitrobenzene-d5
Concen: 2.11 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Instrument :
BNA_E
ClientSampleId :
CSB-08

Tgt Ion: 82 Resp: 17492

Ion	Ratio	Lower	Upper
82	100		
128	32.4	25.0	37.6
54	53.4	48.8	73.2

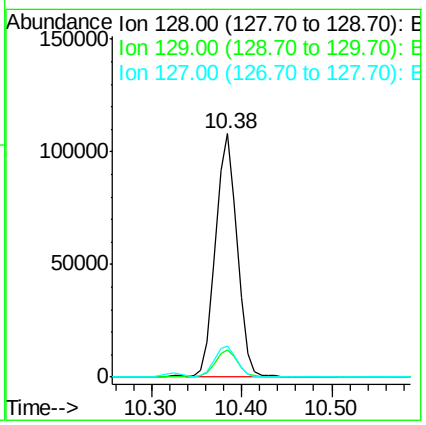


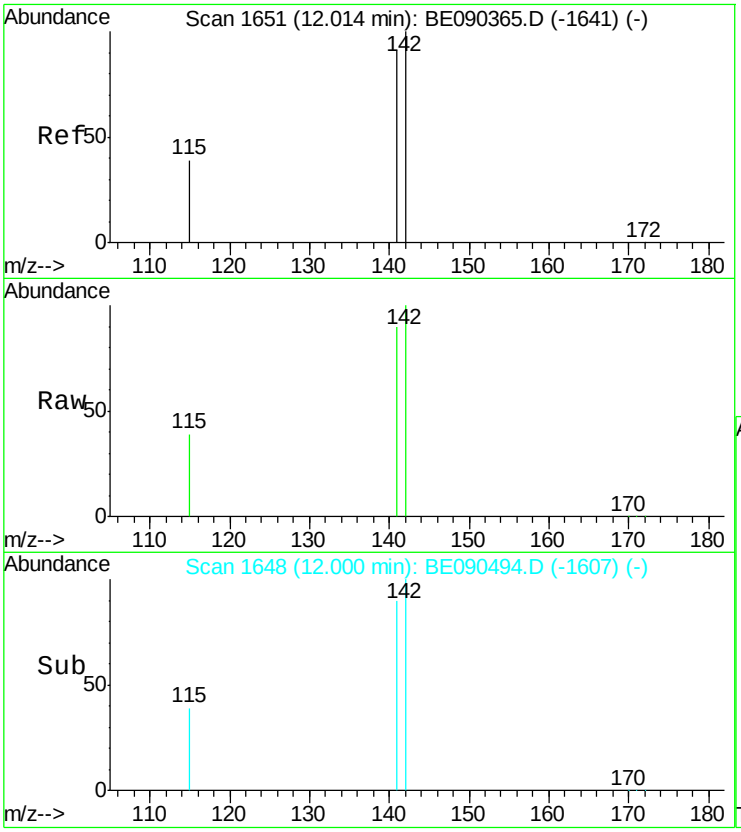


#9
Naphthalene
Concen: 7.50 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Tgt Ion:128 Resp: 178887

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	13.0	10.6	16.0



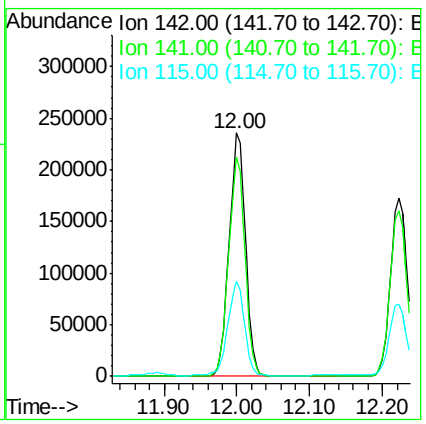


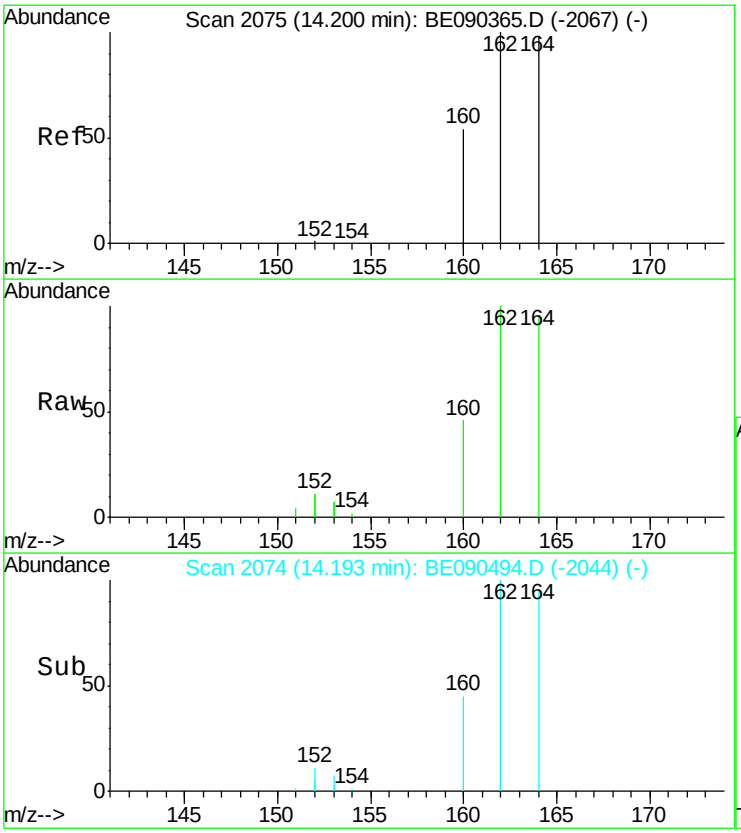
#11
2-Methylnaphthalene
Concen: 26.88 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Instrument :
BNA_E
ClientSampleId :
CSB-08

Tgt Ion:142 Resp: 371752

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	109.0
115	39.2	31.6	47.4

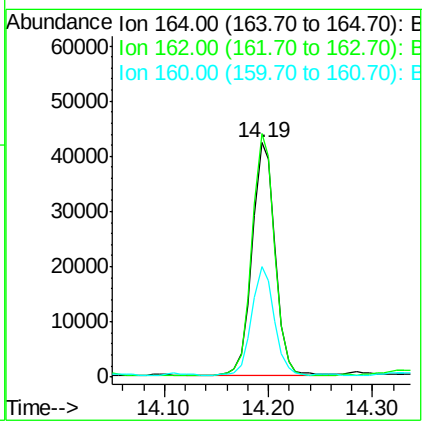


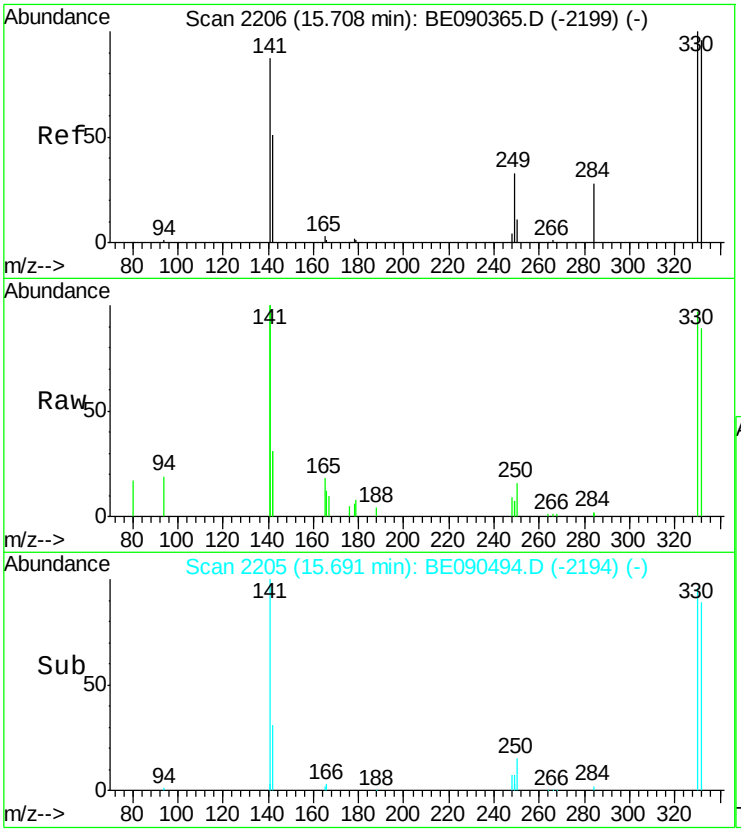


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Tgt Ion:164 Resp: 64640

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.8	122.8
160	47.4	44.2	66.4



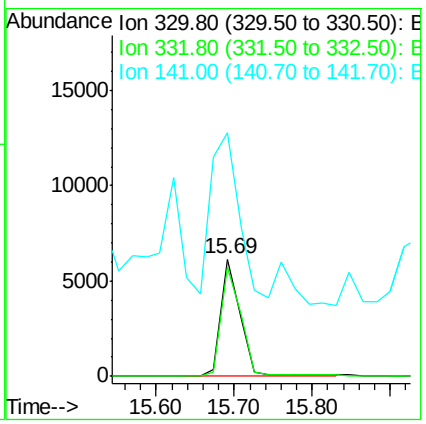


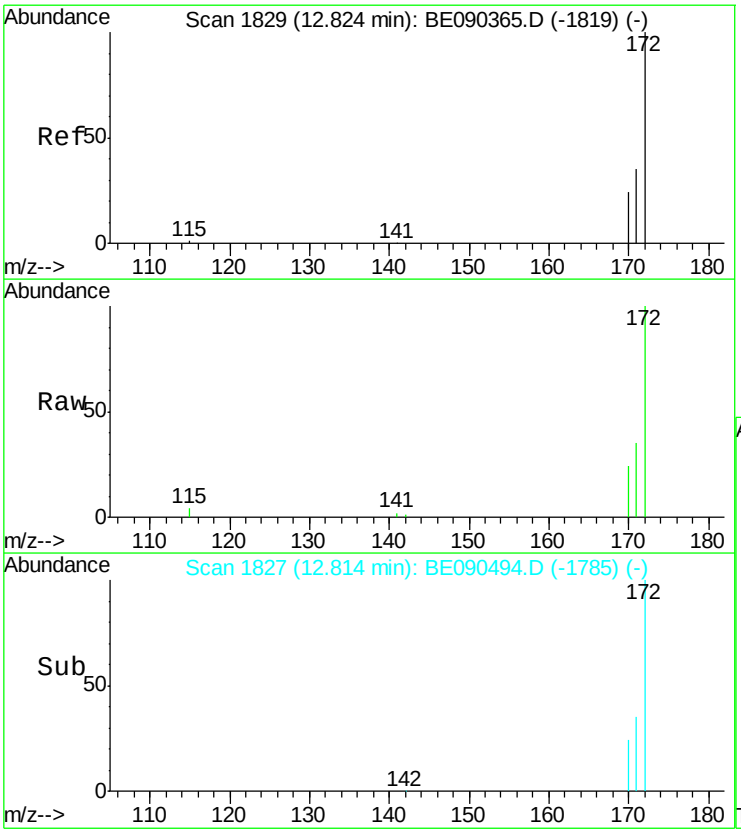
#13
2,4,6-Tribromophenol
Concen: 5.86 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Instrument :
BNA_E
ClientSampleId :
CSB-08

Tgt Ion:330 Resp: 10079

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.8	113.6
141	212.2	114.4	171.6#

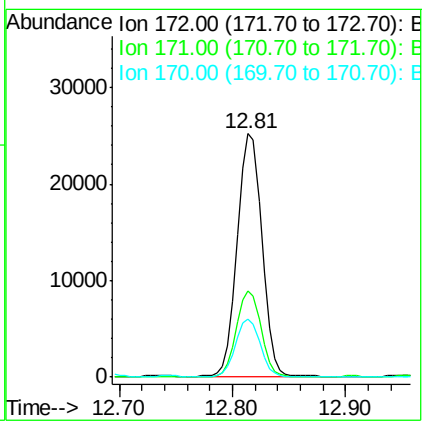


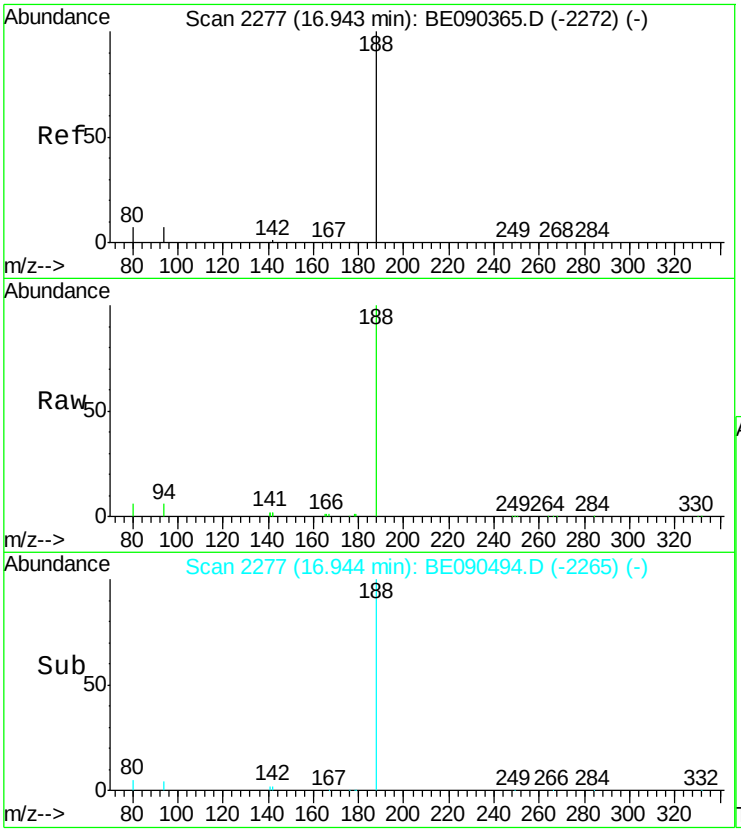


#14
2-Fluorobiphenyl
Concen: 2.08 ng
RT: 12.81 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Tgt Ion:172 Resp: 37017

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.0	19.8	29.8



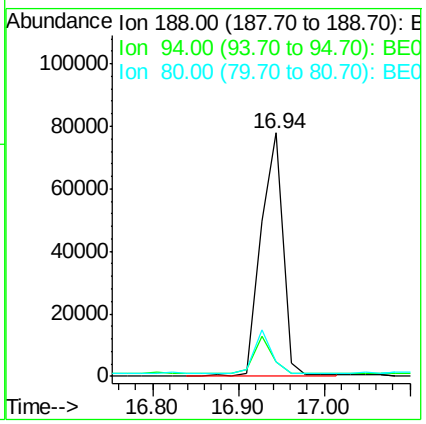


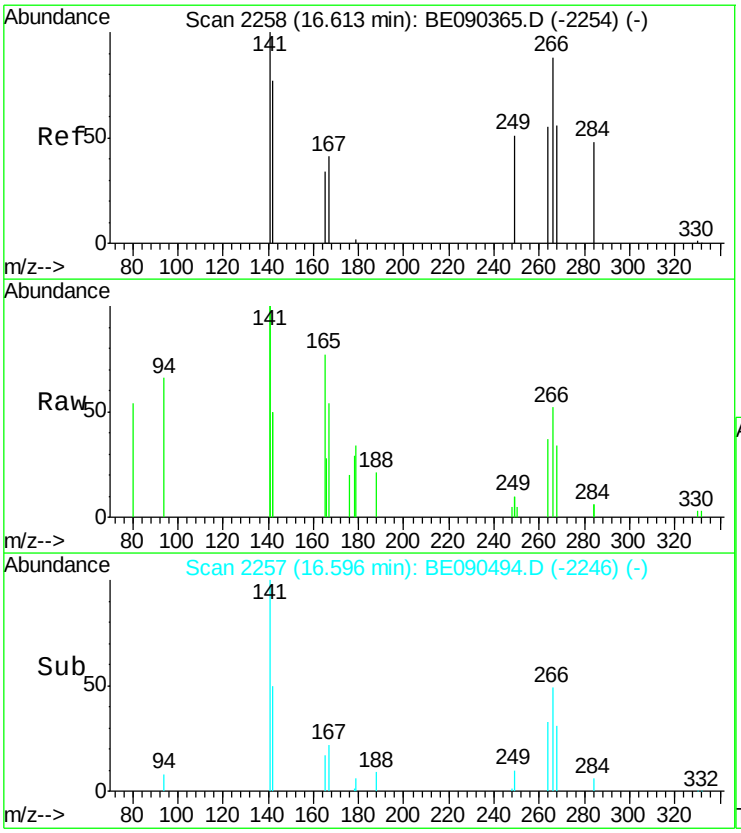
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Instrument :
BNA_E
ClientSampleId :
CSB-08

Tgt Ion:188 Resp: 138139

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	5.7	5.8	8.8#

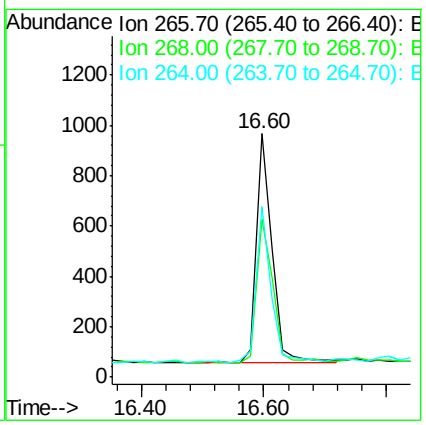


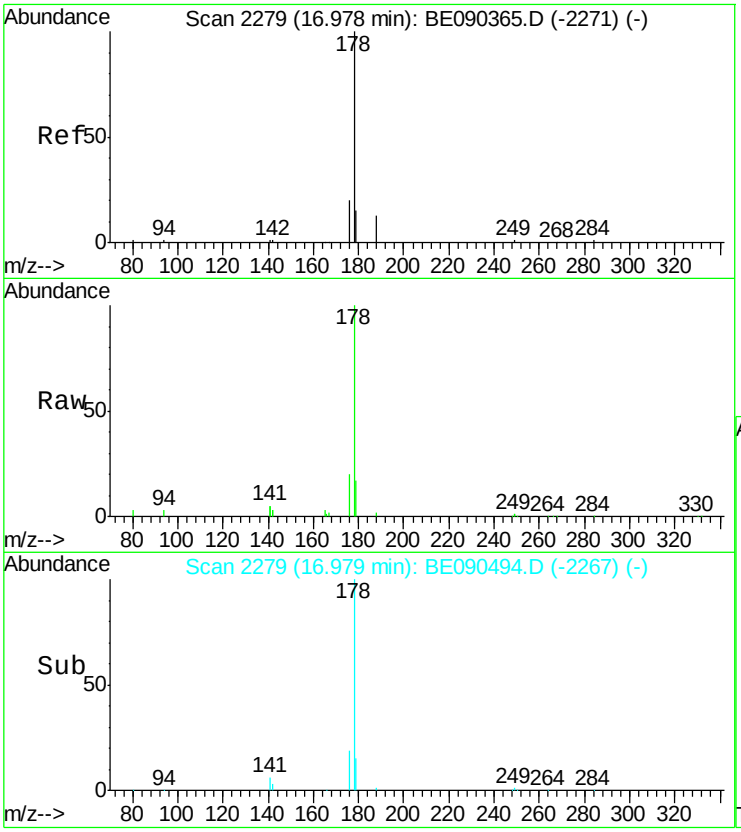


#21
Pentachlorophenol
Concen: 1.59 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Tgt Ion:266 Resp: 1623

Ion	Ratio	Lower	Upper
266	100		
268	64.9	58.5	87.7
264	70.2	56.0	84.0



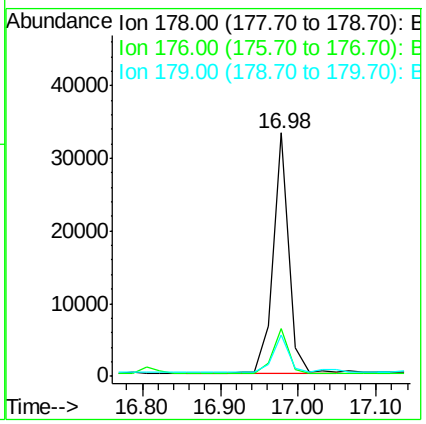


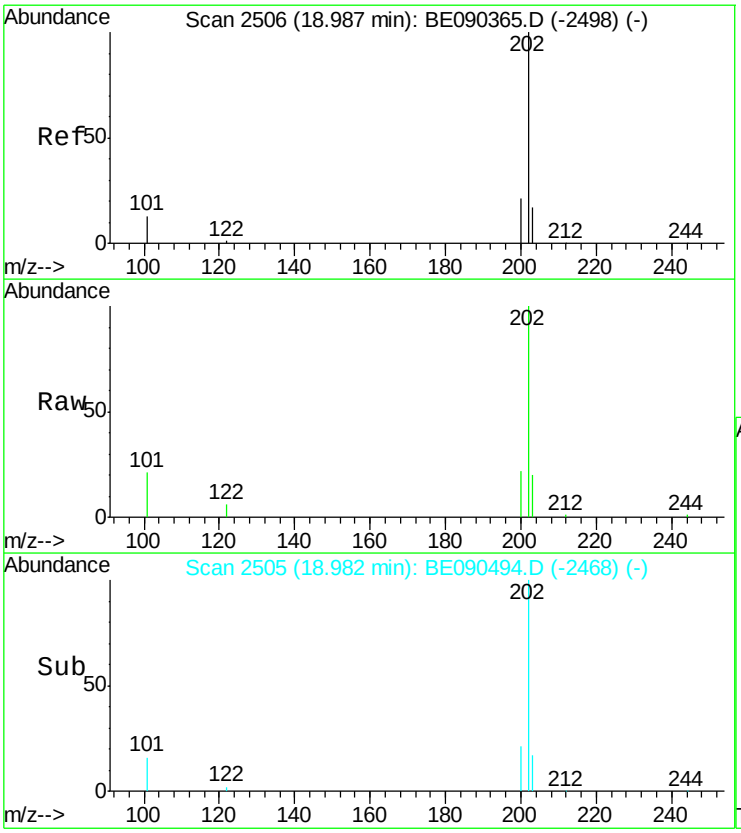
#22
Phenanthrene
Concen: 1.33 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Instrument :
BNA_E
ClientSampleId :
CSB-08

Tgt Ion:178 Resp: 46002

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	16.5	12.5	18.7

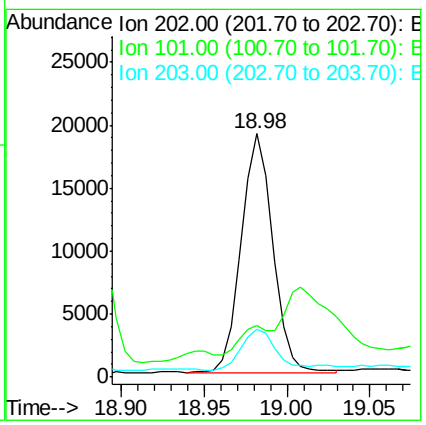


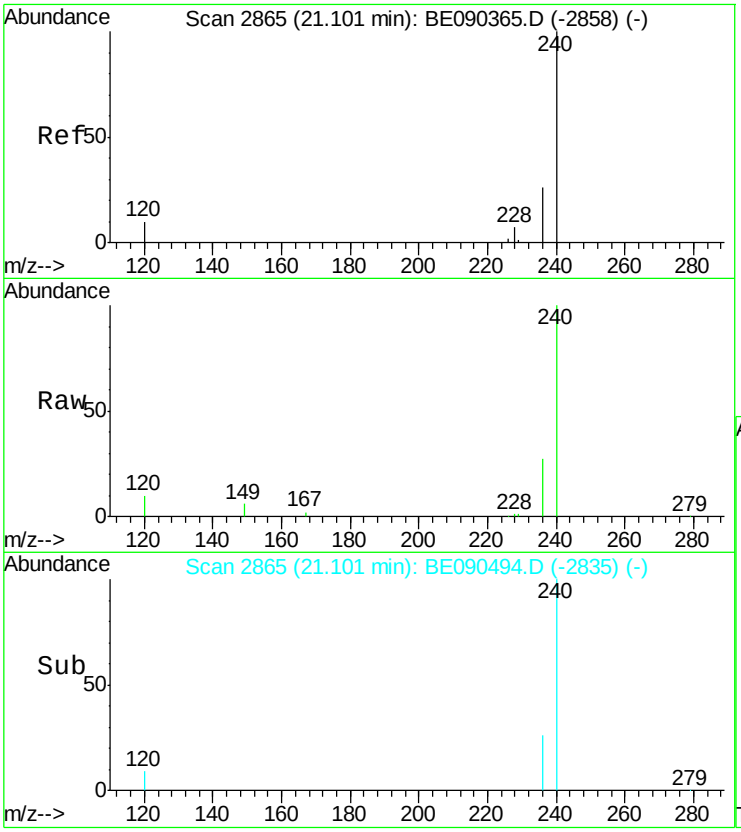


#24
Fluoranthene
Concen: 0.73 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Tgt Ion:202 Resp: 24903

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.3	15.5#
203	20.1	13.7	20.5



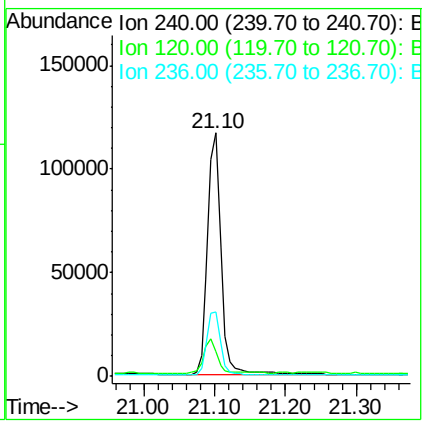


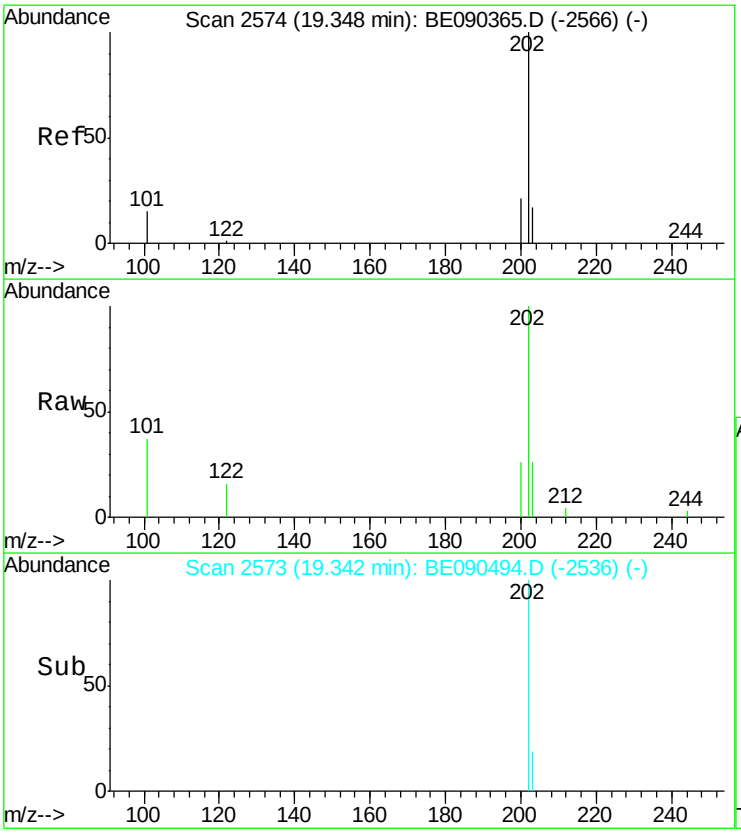
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Instrument :
BNA_E
ClientSampleId :
CSB-08

Tgt Ion:240 Resp: 155848

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	26.7	21.0	31.4

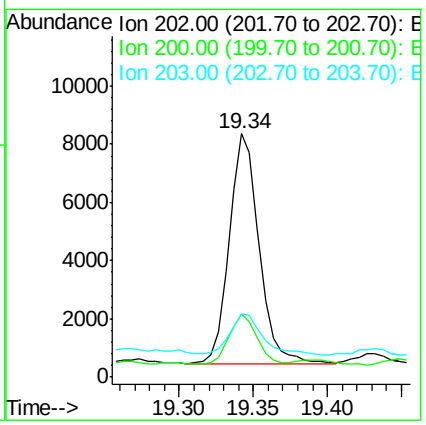


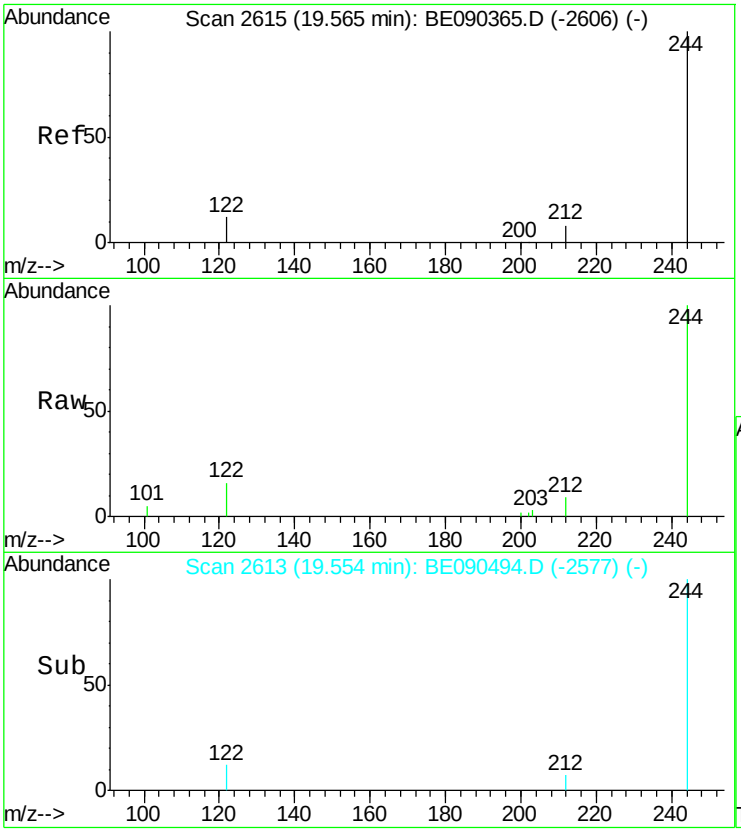


#26
Pyrene
Concen: 0.33 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Tgt Ion:202 Resp: 11167

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.7	25.1
203	20.1	13.8	20.8



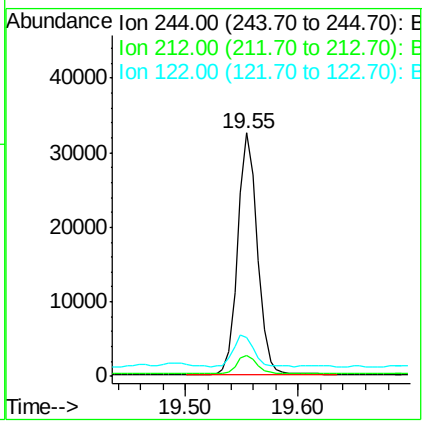


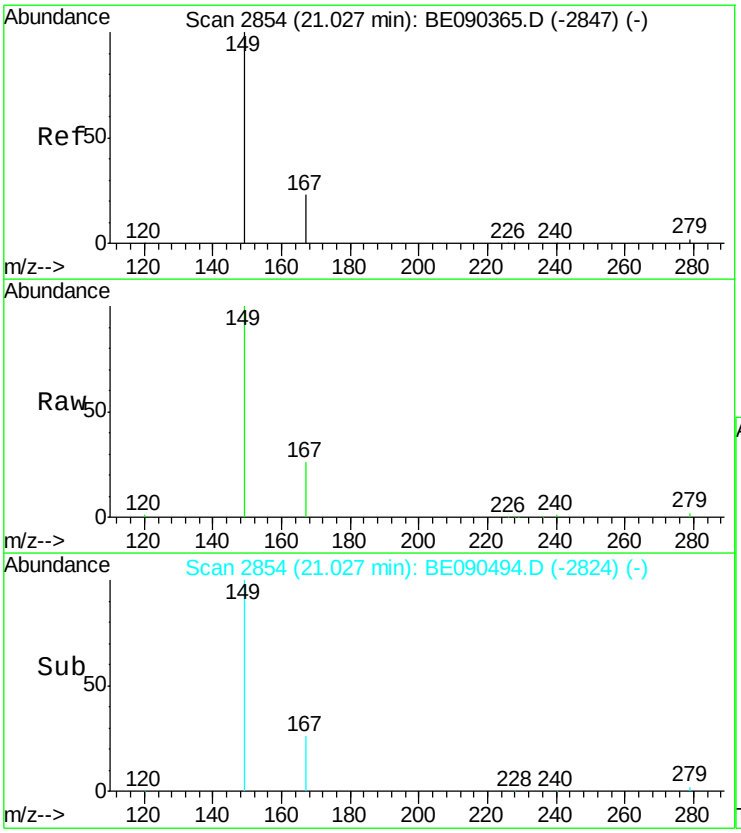
#27
Terphenyl-d14
Concen: 1.71 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Instrument :
BNA_E
ClientSampleId :
CSB-08

Tgt Ion:244 Resp: 39329

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	9.8
122	16.2	10.2	15.4#

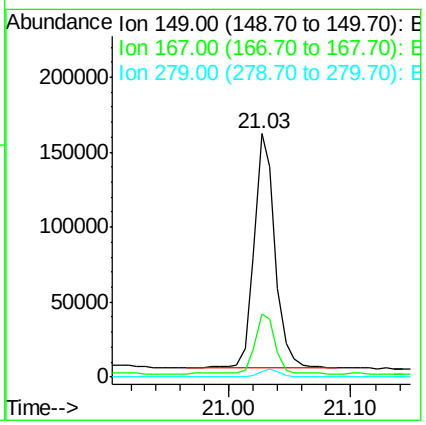


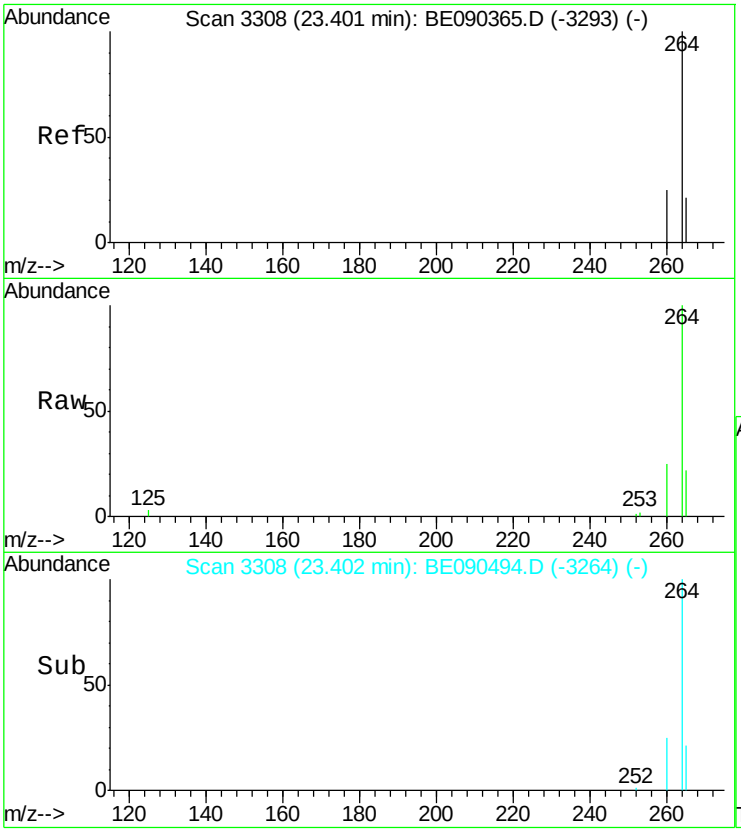


#30
Bis(2-ethylhexyl)phthalate
Concen: 10.56 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Tgt Ion:149 Resp: 189724

Ion	Ratio	Lower	Upper
149	100		
167	24.4	19.8	29.8
279	3.0	2.4	3.6





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090494.D
Acq: 13 Aug 2015 7:24

Instrument :
BNA_E
ClientSampleId :
CSB-08

Tgt Ion:264 Resp: 154956

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.3	17.2	25.8