Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092315\
Data File : BE090959.D
Acq On : 23 Sep 2015 21:12
Operator : UM/IZ
Sample : G3651-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CPS063031

Quant Time: Sep 24 02:45:04 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	35356	5.00	ng		0.00
7) Naphthalene-d8	10.32	136	159270	5.00	ng		0.02
13) Acenaphthene-d10	14.16	164	98611	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	224982	5.00	ng		0.00
26) Chrysene-d12	21.07	240	273848	5.00	ng		0.00
33) Perylene-d12	23.35	264	242114	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	14966	1.85	ng		0.00
5) Phenol-d6	6.81	99	11223m	1.02	ng		0.05
8) Nitrobenzene-d5	8.72	82	28527	2.60	ng		0.02
14) 2,4,6-Tribromophenol	15.68	330	21433	6.16	ng		-0.02
15) 2-Fluorobiphenyl	12.79	172	82444	2.95	ng		0.00
28) Terphenyl-d14	19.52	244	154386	4.98	ng		0.00
Target Compounds							Qvalue
12) 2-Methylnaphthalene	12.00	142	509	0.02	ng	#	84
16) Acenaphthylene	13.88	152	13118	0.08	ng	#	95
17) Acenaphthene	14.22	154	38978	1.47	ng		91
18) Fluorene	15.22	166	71841	2.34	ng		96
23) Phenanthrene	16.94	178	89365	1.68	ng		99
24) Anthracene	17.05	178	21098m	0.41	ng		
25) Fluoranthene	18.95	202	166860	2.43	ng		99
27) Pyrene	19.31	202	94668	1.51	ng	#	96
29) Benzo(a)anthracene	21.06	228	2247	0.03	ng	#	78
31) Bis(2-ethylhexyl)phthalate	20.99	149	11089	0.51	ng		99

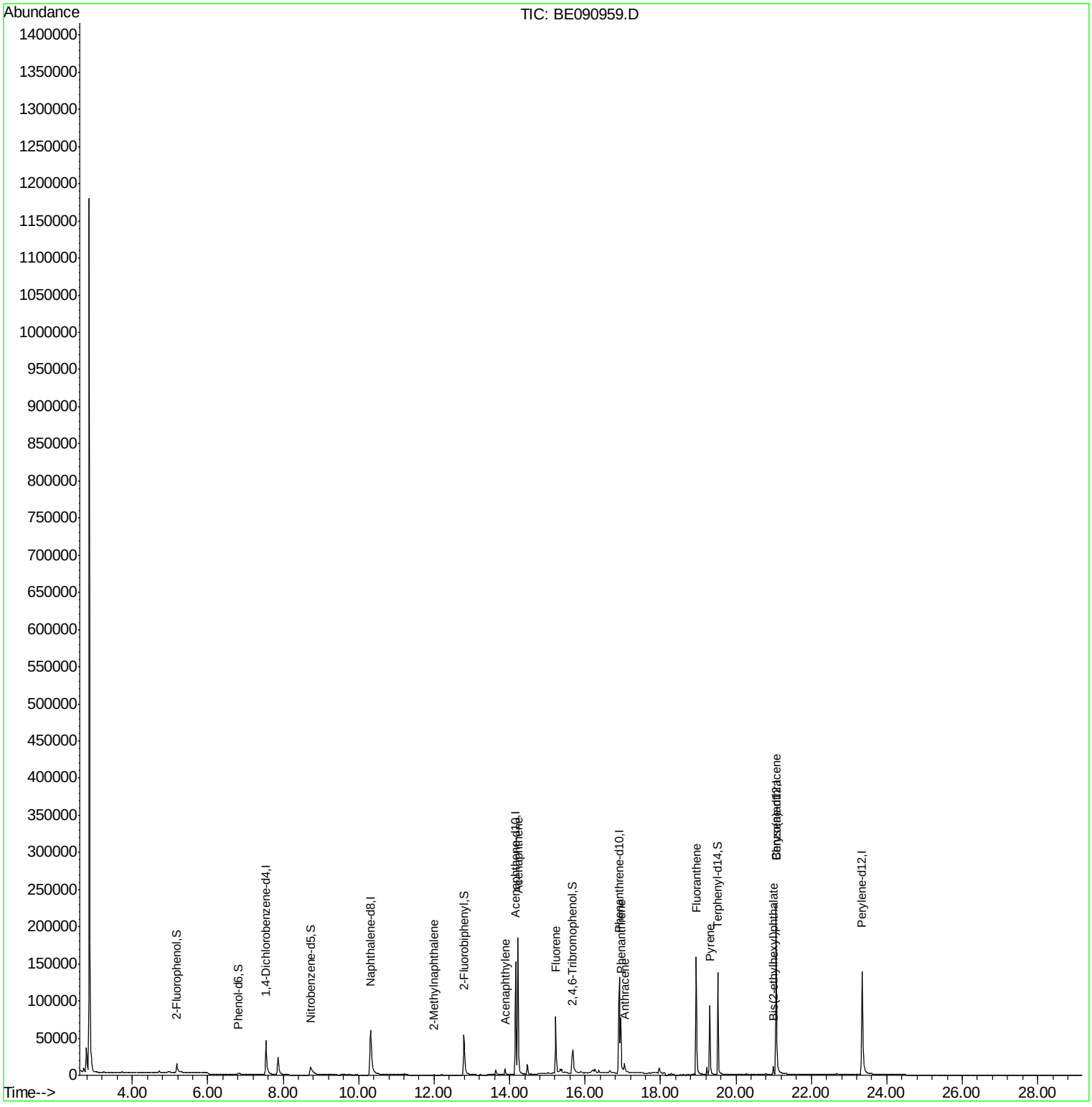
(#) = qualifier out of range (m) = manual integration (+) = signals summed

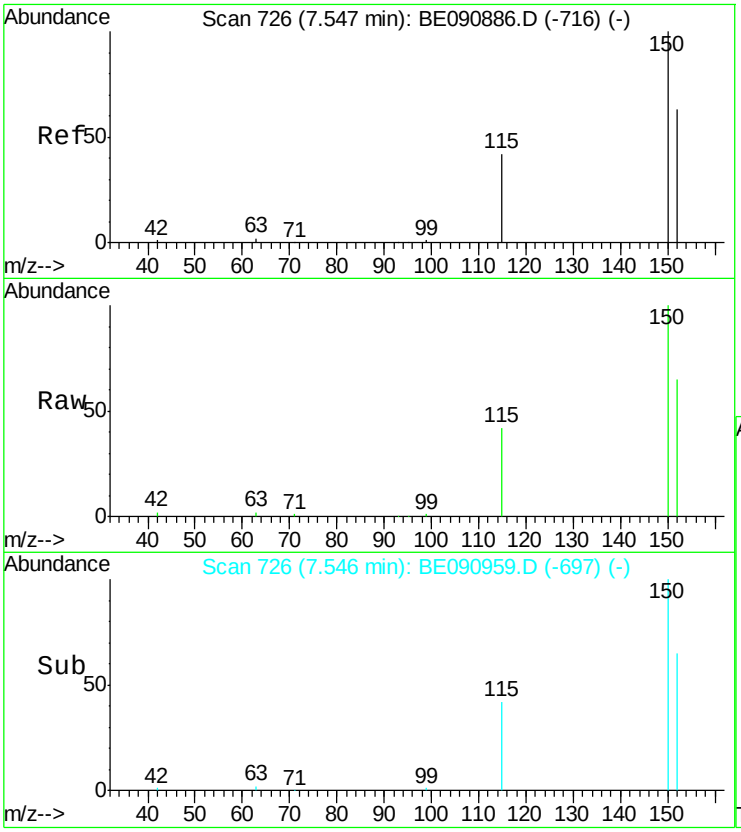
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092315\
Data File : BE090959.D
Acq On : 23 Sep 2015 21:12
Operator : UM/IZ
Sample : G3651-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CPS063031

Quant Time: Sep 24 02:45:04 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration



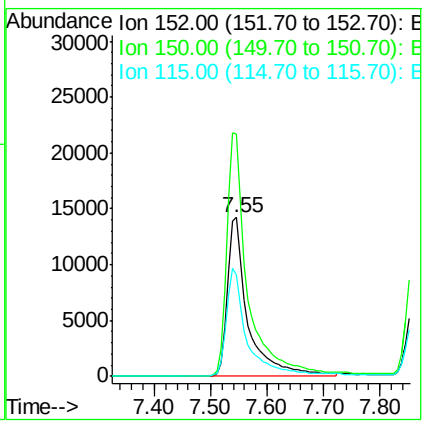


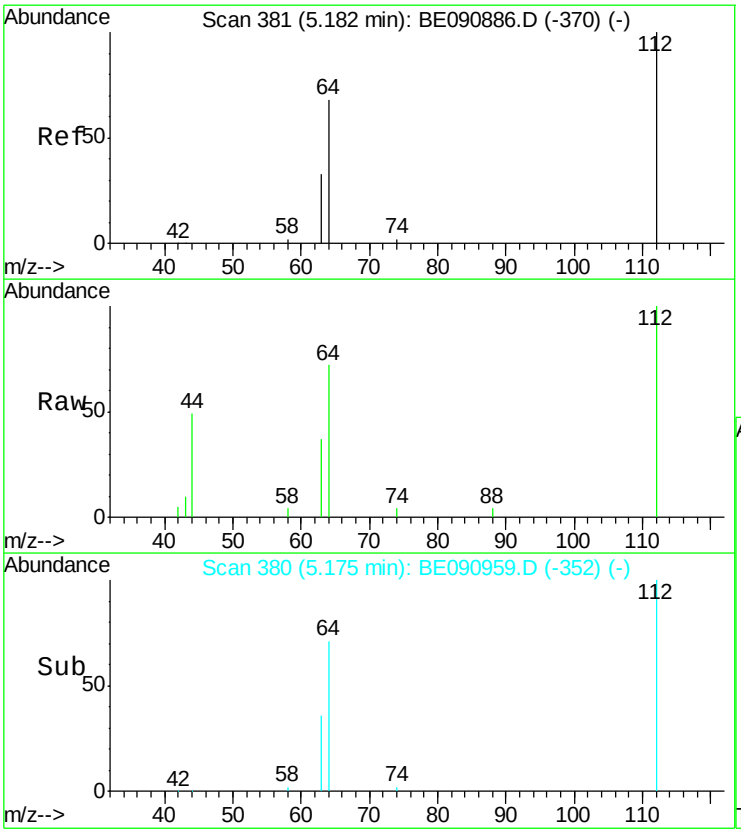
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :
CPS063031

Tgt Ion:152 Resp: 35356

Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.2	183.4
115	64.0	51.0	76.4

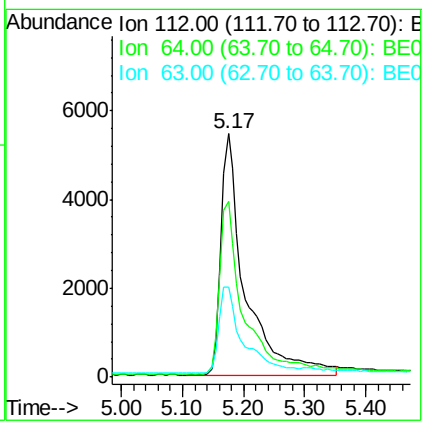


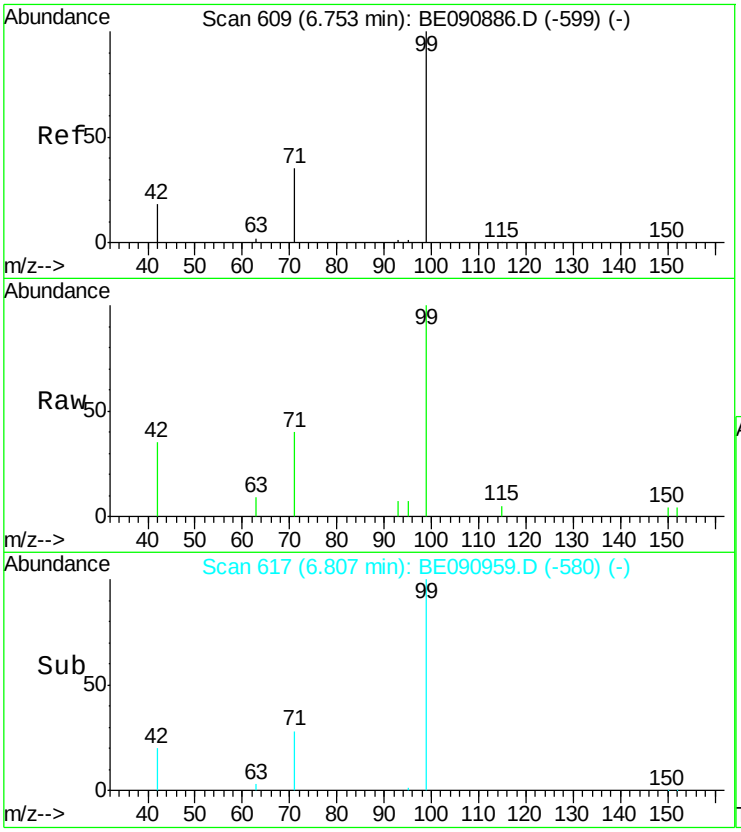


#4
2-Fluorophenol
Concen: 1.85 ng
RT: 5.17 min Scan# 380
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:112 Resp: 14966

Ion	Ratio	Lower	Upper
112	100		
64	72.4	57.3	85.9
63	35.7	29.2	43.8



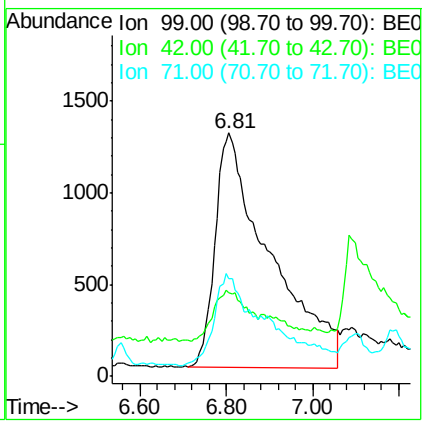


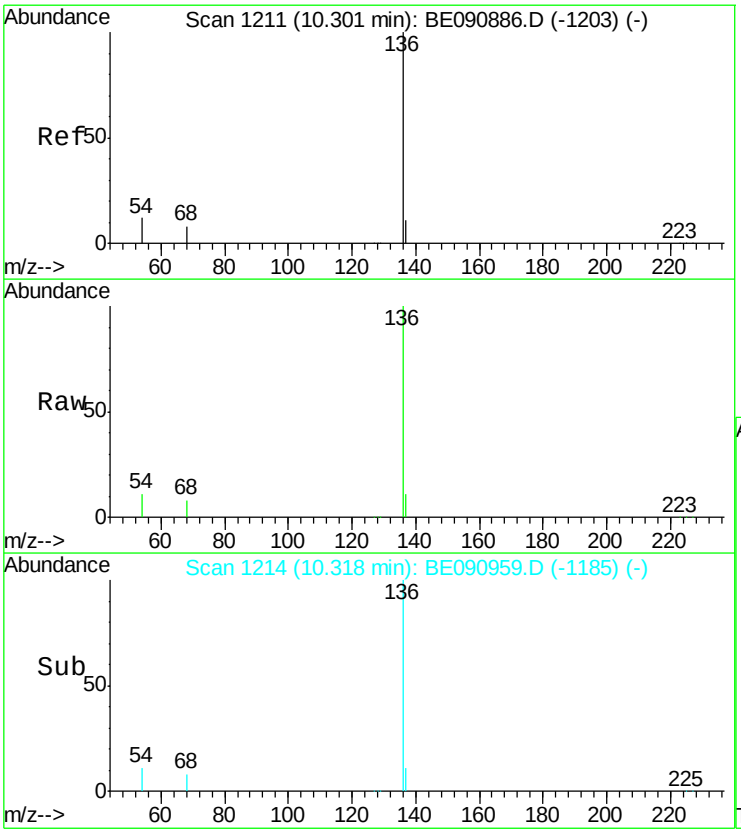
#5
Phenol-d6
Concen: 1.02 ng m
RT: 6.81 min Scan# 617
Delta R.T. 0.05 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :
CPS063031

Tgt Ion: 99 Resp: 11223

Ion	Ratio	Lower	Upper
99	100		
42	13.3	16.8	25.2#
71	23.6	28.3	42.5#

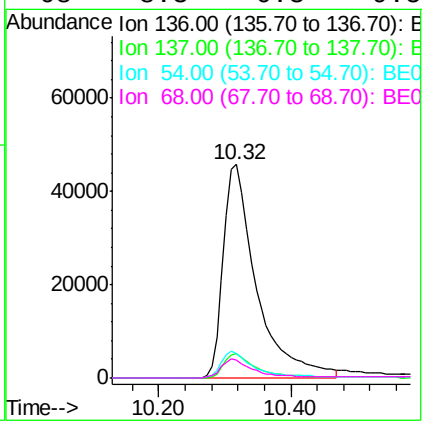


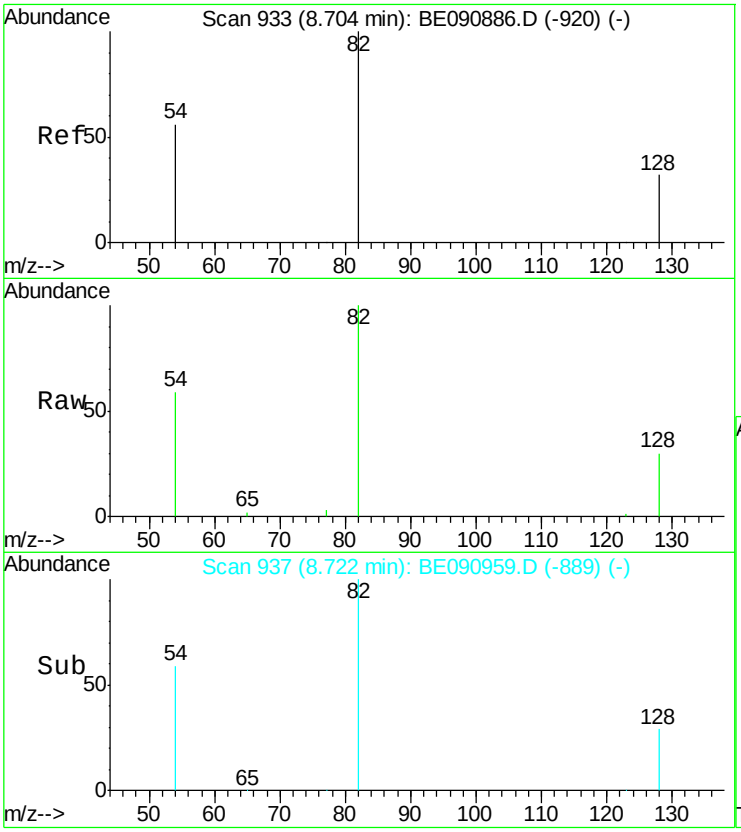


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.32 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:136 Resp: 159270

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.4	9.0	13.6
68	8.3	6.3	9.5



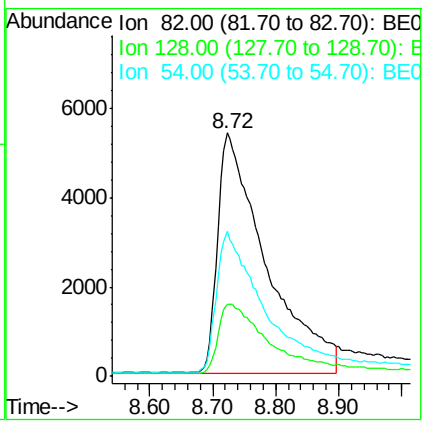


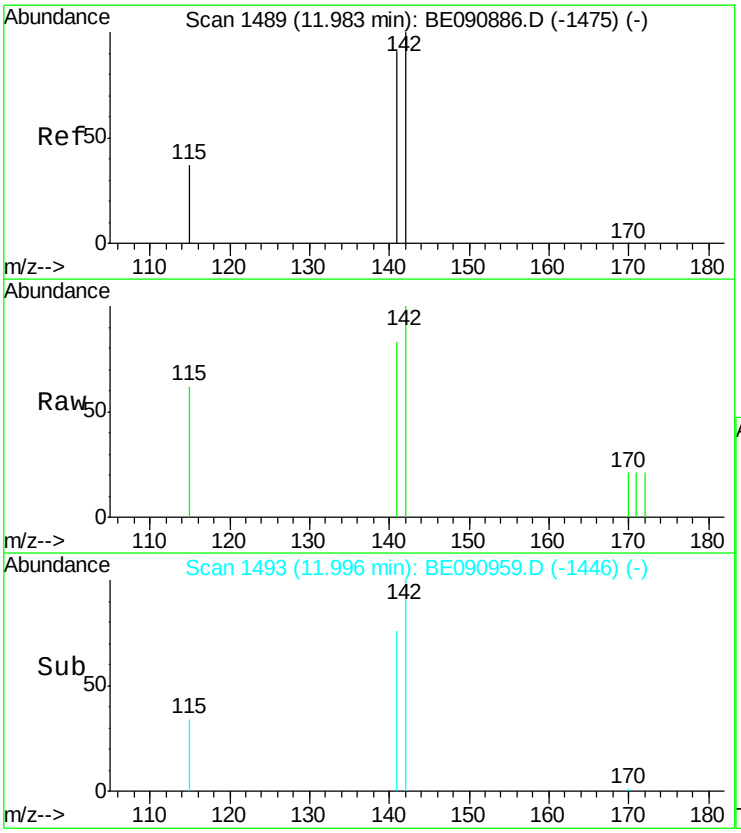
#8
Nitrobenzene-d5
Concen: 2.60 ng
RT: 8.72 min Scan# 937
Delta R.T. 0.02 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :
CPS063031

Tgt Ion: 82 Resp: 28527

Ion	Ratio	Lower	Upper
82	100		
128	29.8	25.0	37.4
54	59.4	46.3	69.5

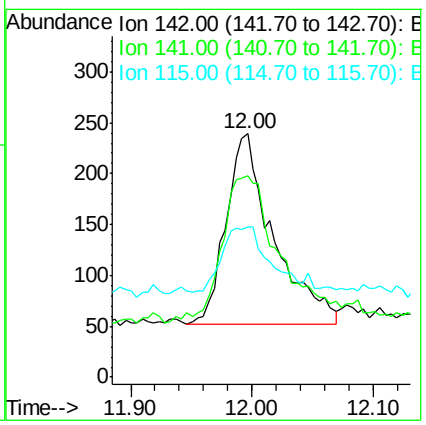


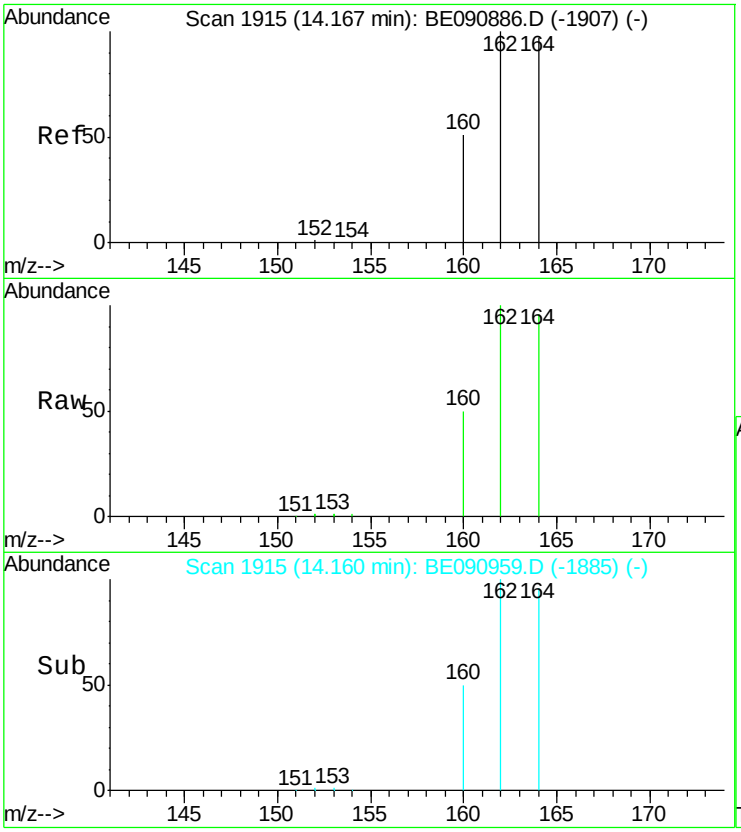


#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.00 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:142 Resp: 509

Ion	Ratio	Lower	Upper
142	100		
141	82.8	71.4	107.2
115	61.9	31.0	46.4#



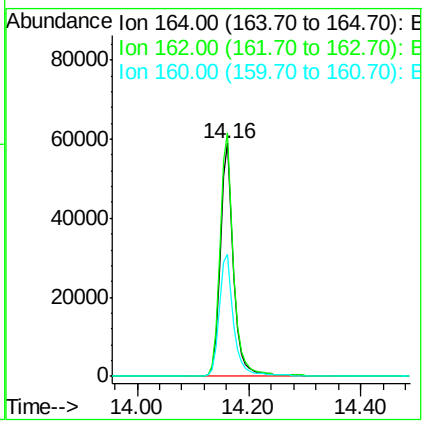


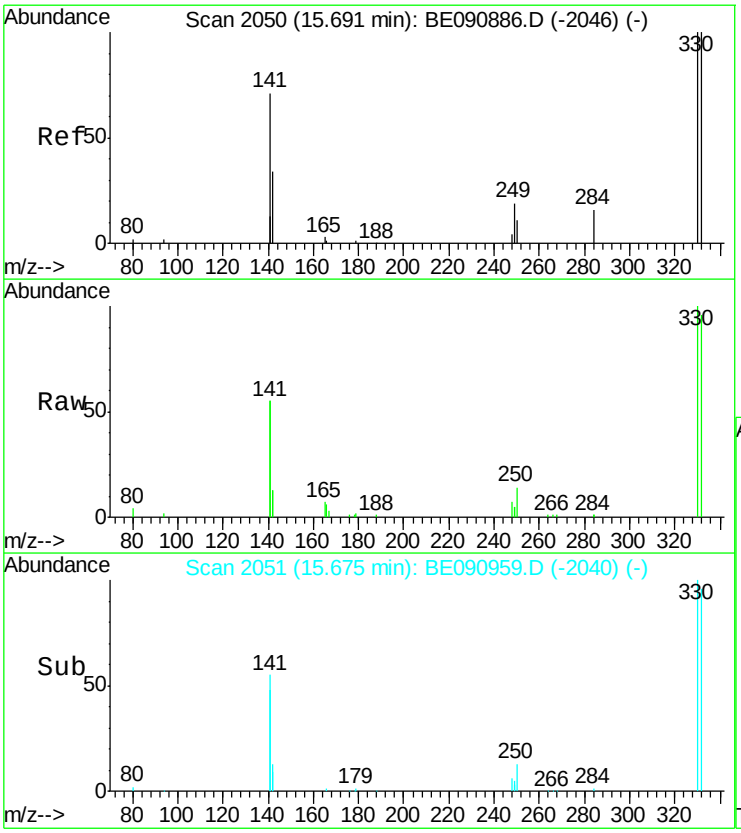
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :
CPS063031

Tgt Ion:164 Resp: 98611

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.8	130.2
160	52.3	53.9	80.9#

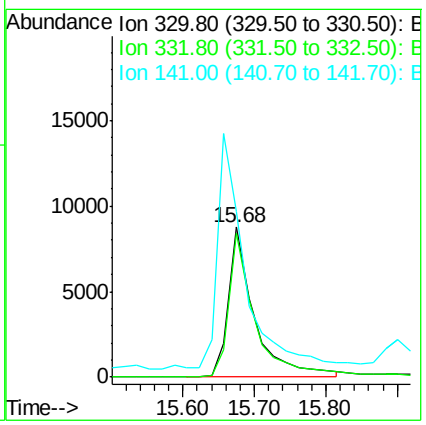


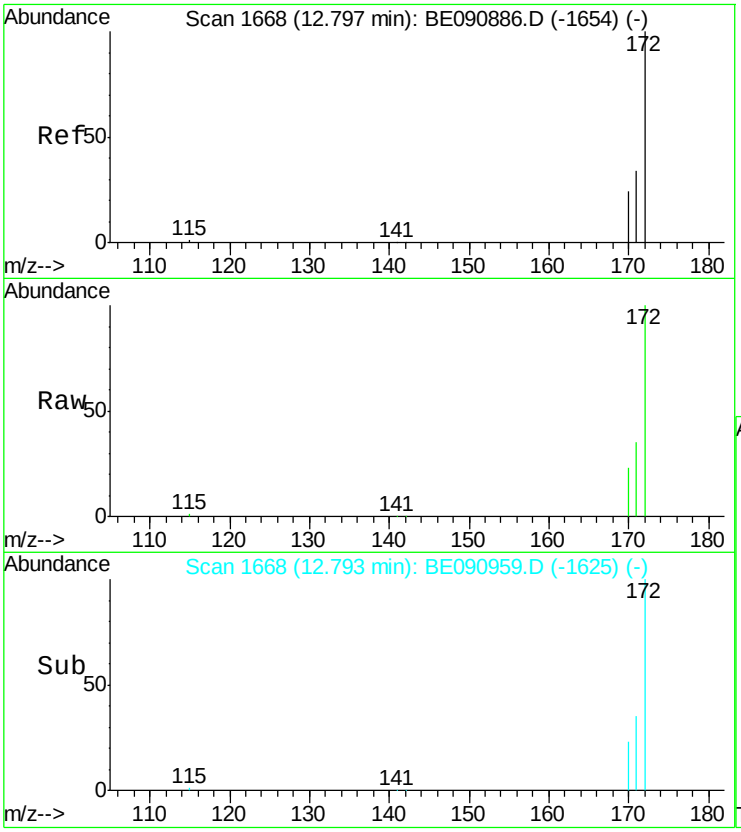


#14
2,4,6-Tribromophenol
Concen: 6.16 ng
RT: 15.68 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:330 Resp: 21433

Ion	Ratio	Lower	Upper
330	100		
332	96.2	74.9	112.3
141	175.8	145.2	217.8



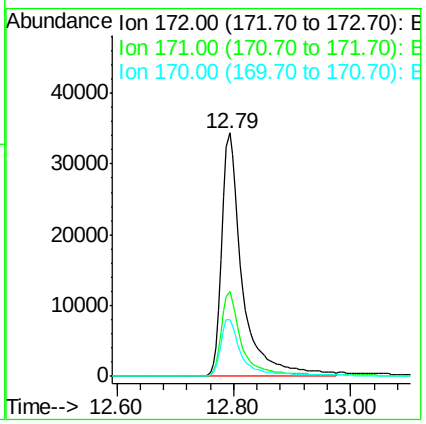


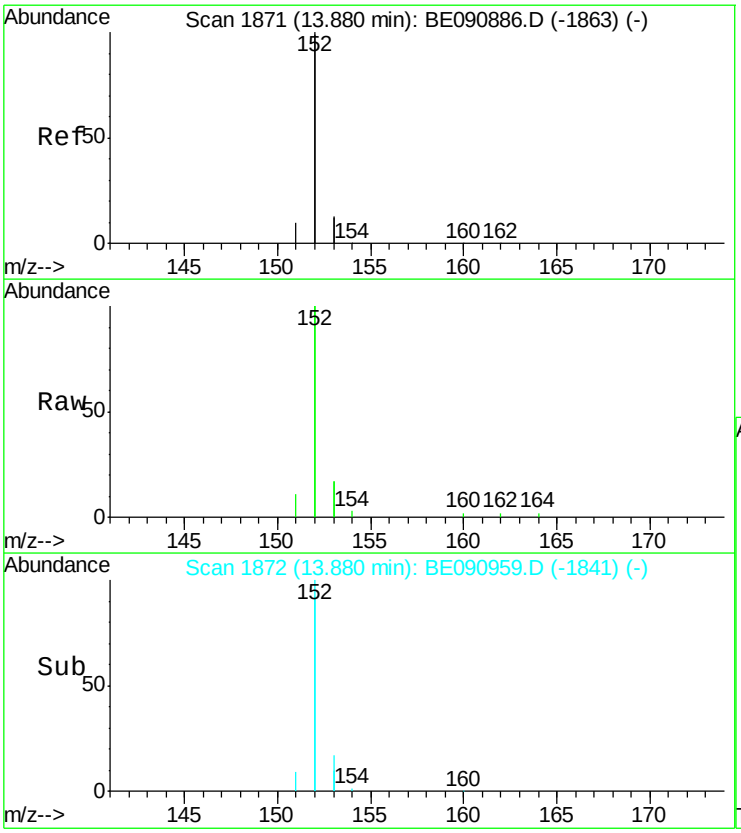
#15
2-Fluorobiphenyl
Concen: 2.95 ng
RT: 12.79 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :
CPS063031

Tgt Ion:172 Resp: 82444

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	23.4	19.8	29.6

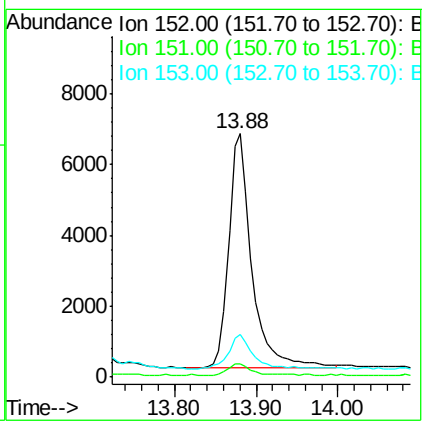


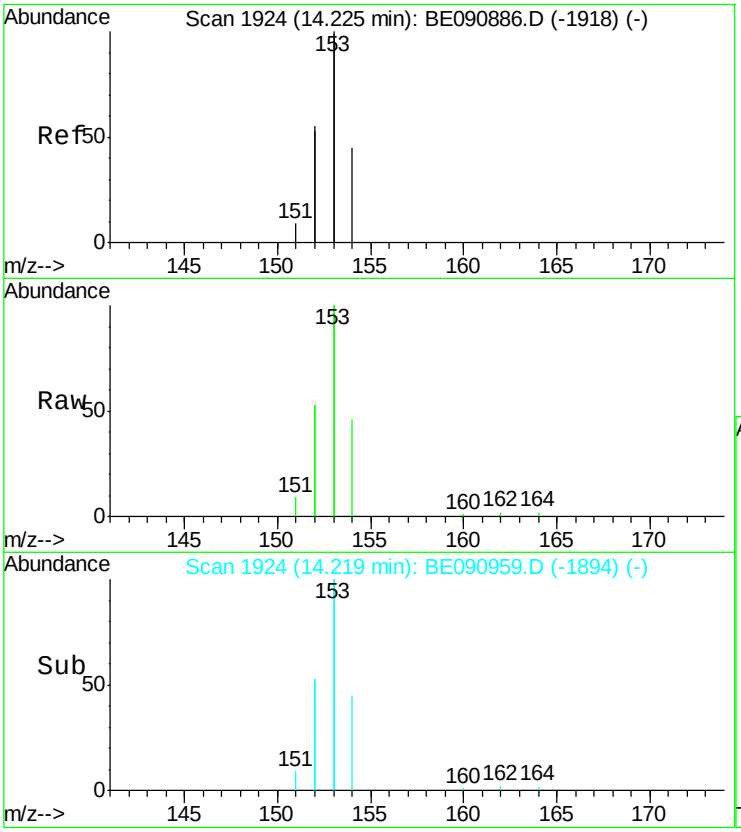


#16
Acenaphthylene
Concen: 0.08 ng
RT: 13.88 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:152 Resp: 13118

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	15.7	10.3	15.5#



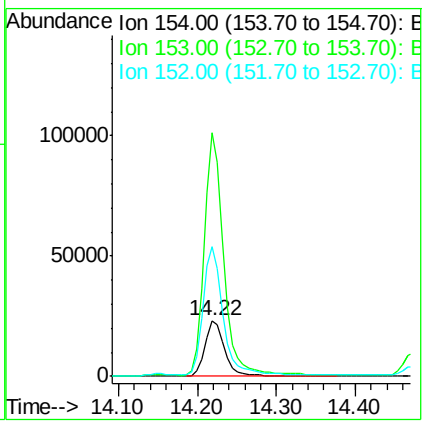


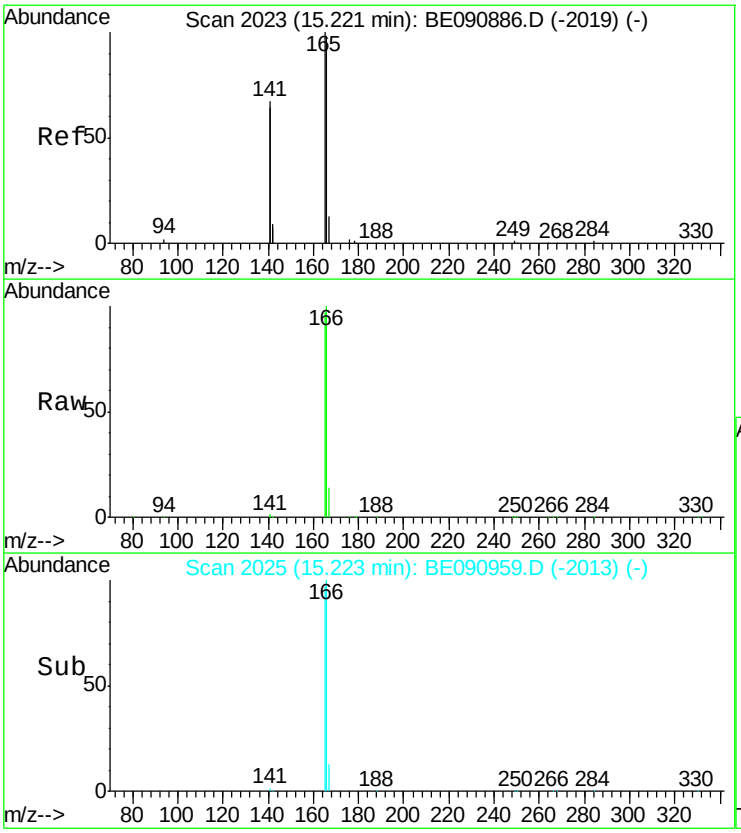
#17
Acenaphthene
Concen: 1.47 ng
RT: 14.22 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :
CPS063031

Tgt Ion:154 Resp: 38978

Ion	Ratio	Lower	Upper
154	100		
153	441.4	354.5	531.7
152	241.3	227.8	341.6

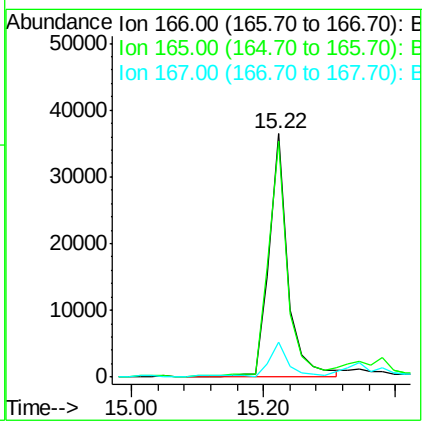


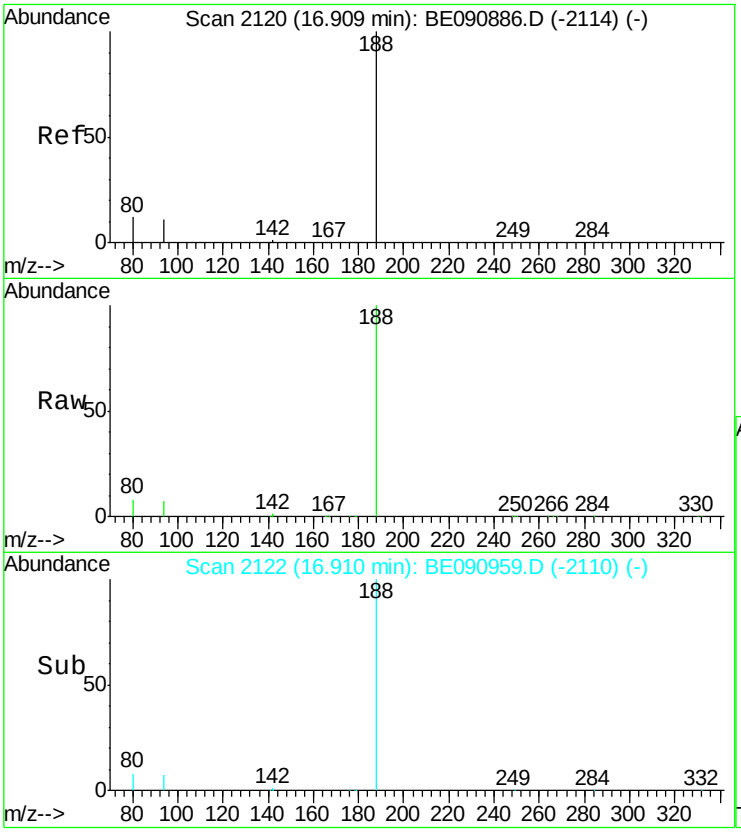


#18
Fluorene
Concen: 2.34 ng
RT: 15.22 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:166 Resp: 71841

Ion	Ratio	Lower	Upper
166	100		
165	98.8	82.7	124.1
167	12.8	10.7	16.1



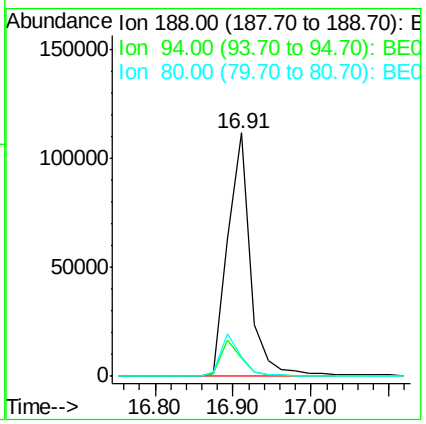


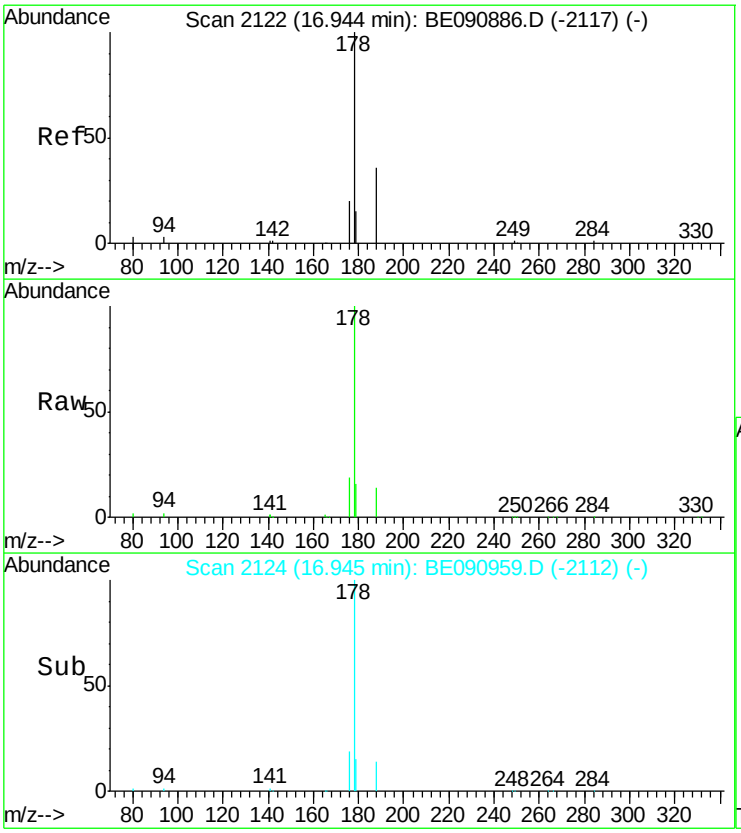
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :
CPS063031

Tgt Ion:188 Resp: 224982

Ion	Ratio	Lower	Upper
188	100		
94	7.3	10.3	15.5#
80	7.9	11.0	16.6#

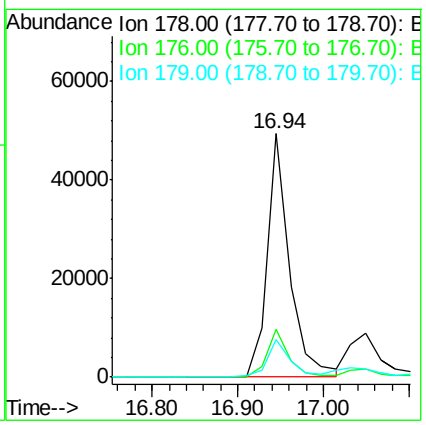


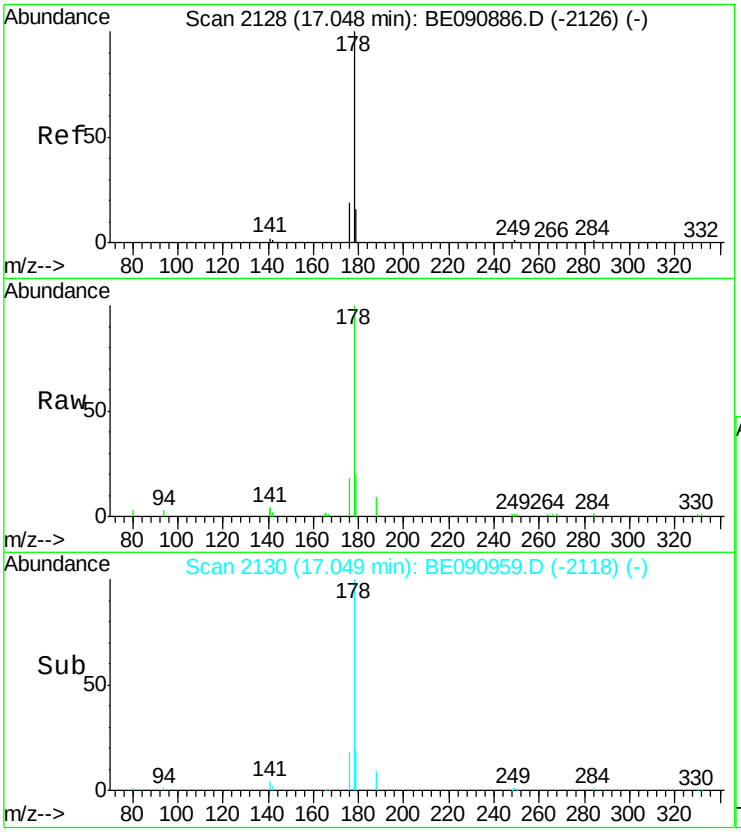


#23
Phenanthrene
Concen: 1.68 ng
RT: 16.94 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:178 Resp: 89365

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.8	12.8	19.2



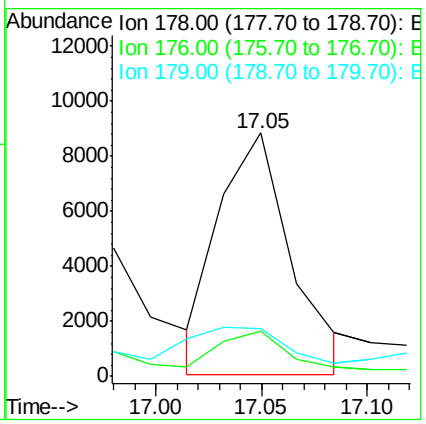


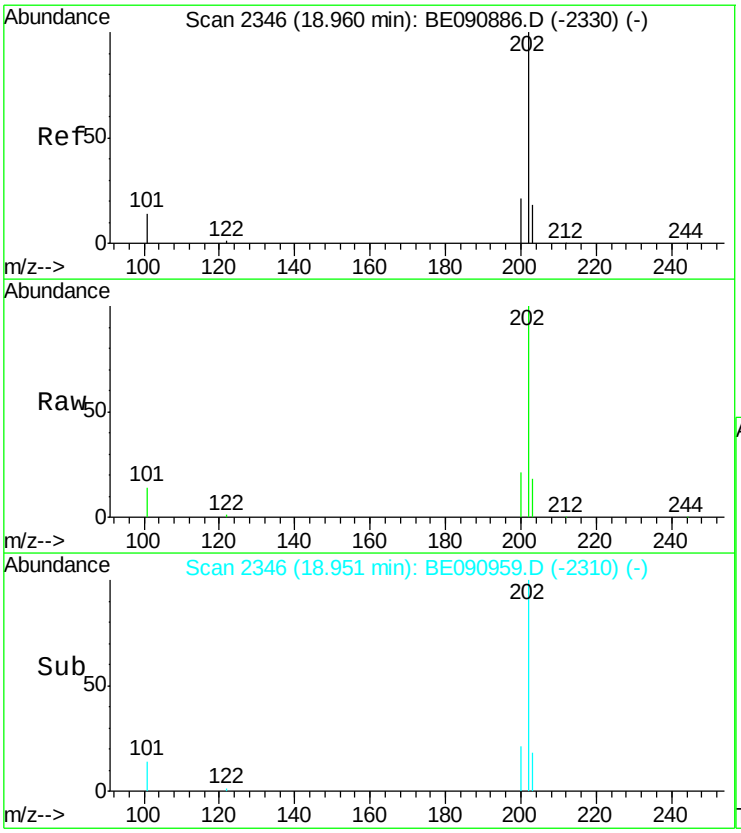
#24
Anthracene
Concen: 0.41 ng m
RT: 17.05 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :
CPS063031

Tgt Ion:178 Resp: 21098

Ion	Ratio	Lower	Upper
178	100		
176	80.8	15.0	22.6#
179	66.6	12.3	18.5#

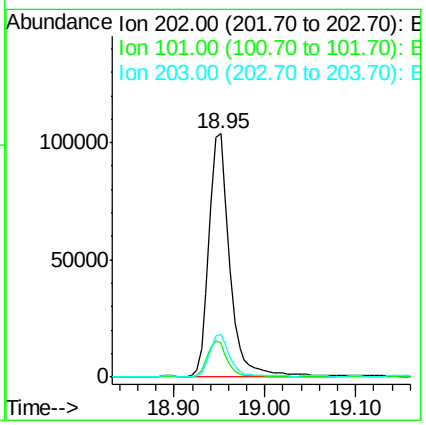


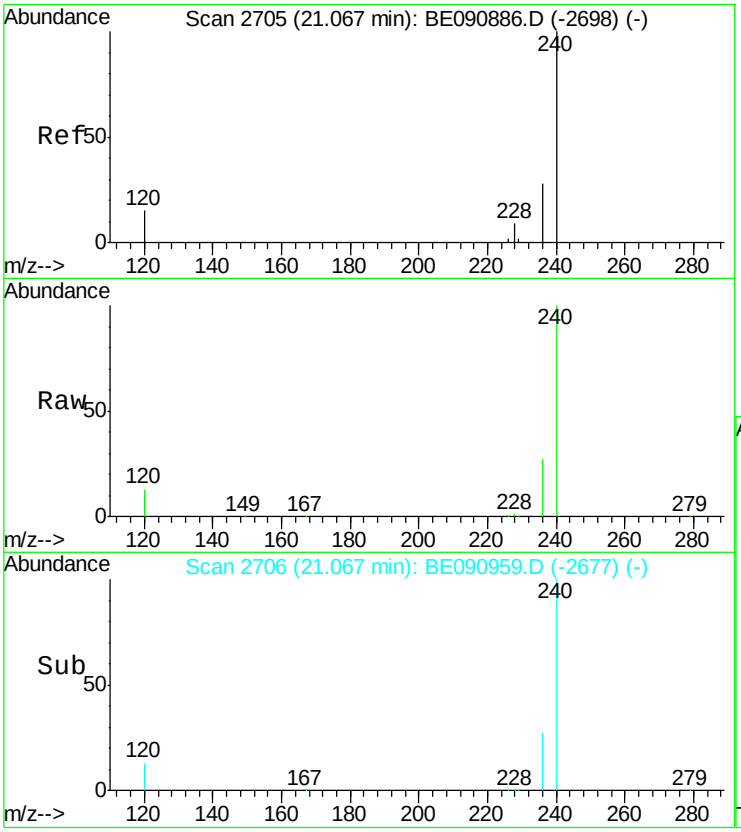


#25
Fluoranthene
Concen: 2.43 ng
RT: 18.95 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:202 Resp: 166860

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.0	16.6
203	17.1	13.9	20.9



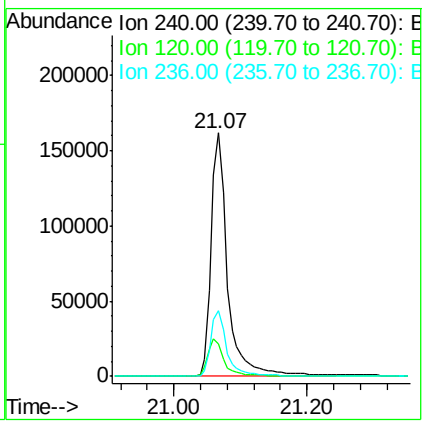


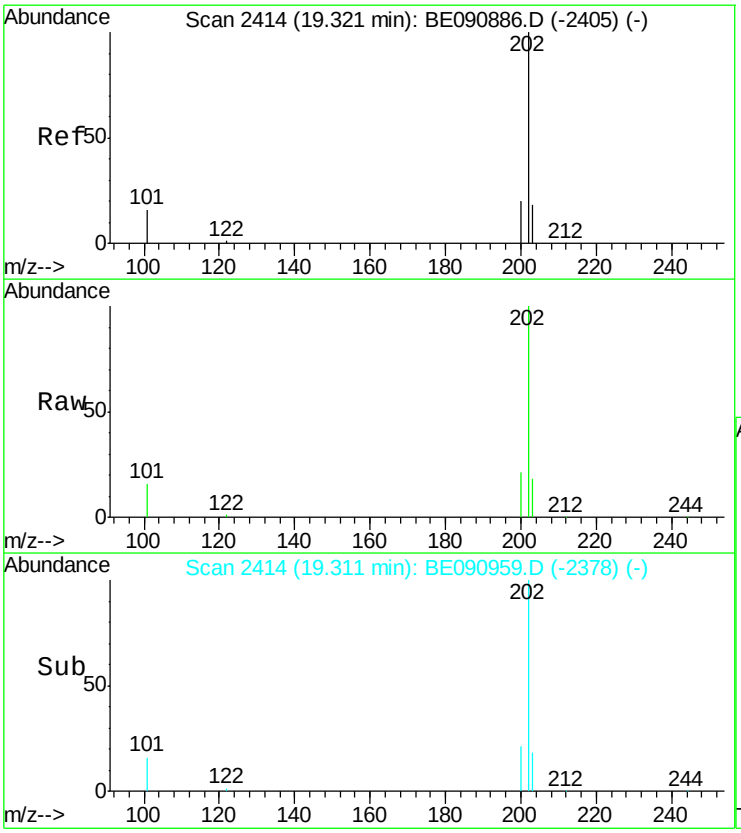
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2706
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :
CPS063031

Tgt Ion:240 Resp: 273848

Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.1	15.1
236	27.1	21.9	32.9

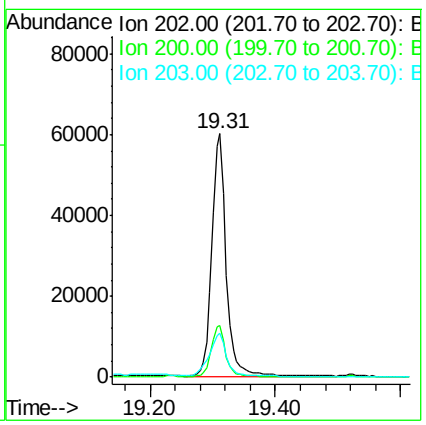


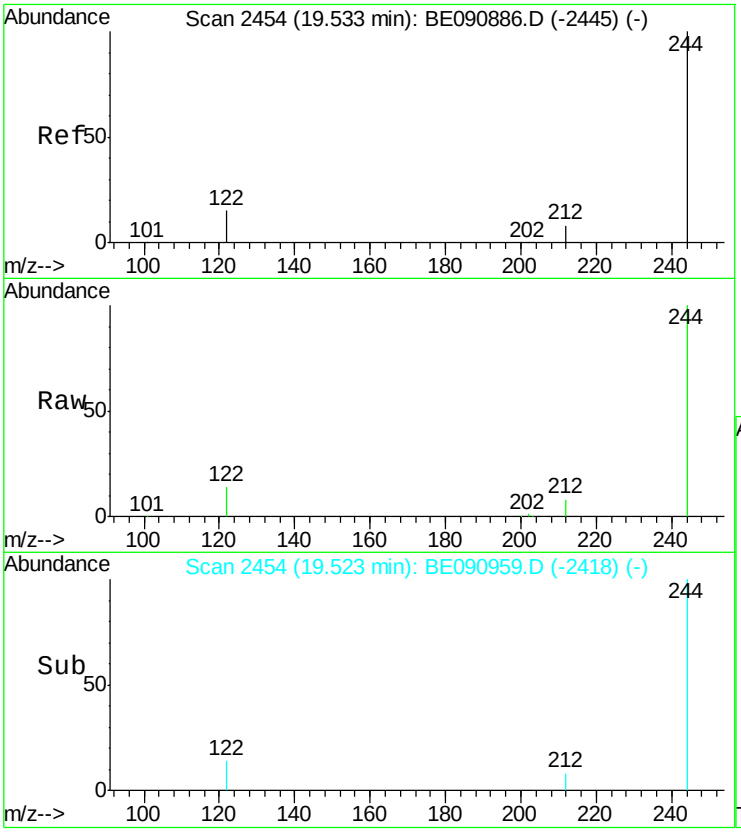


#27
Pyrene
Concen: 1.51 ng
RT: 19.31 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:202 Resp: 94668

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	20.7	13.8	20.6#



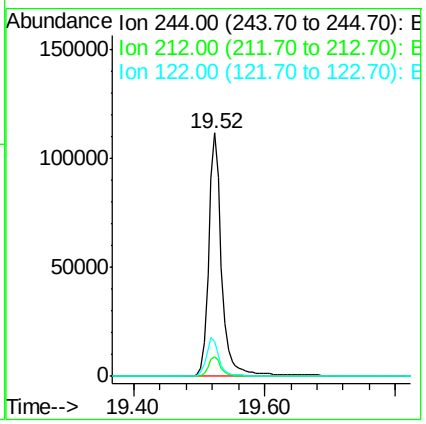


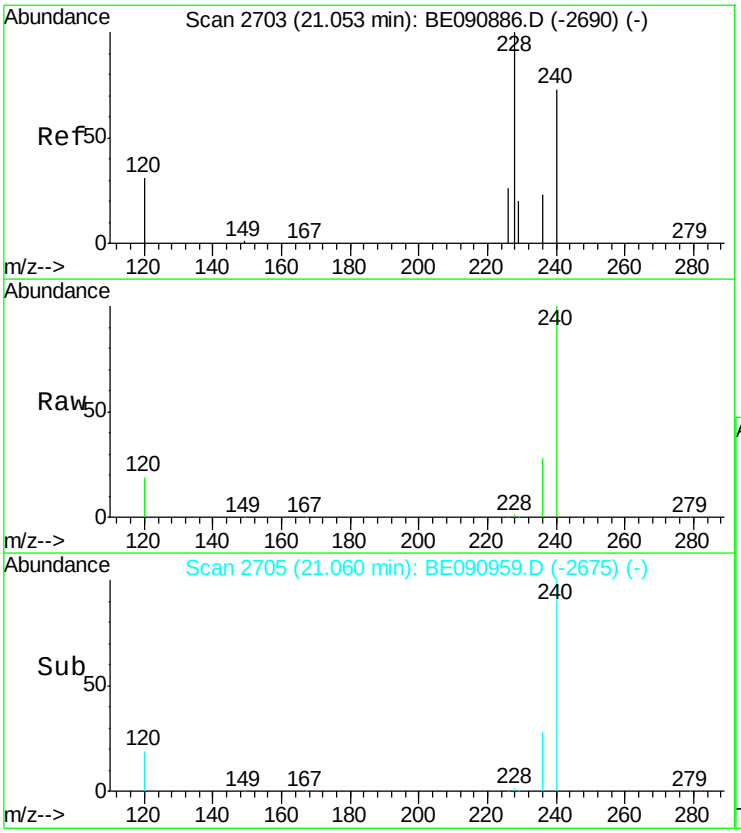
#28
Terphenyl-d14
Concen: 4.98 ng
RT: 19.52 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :
CPS063031

Tgt Ion:244 Resp: 154386

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	14.5	12.9	19.3

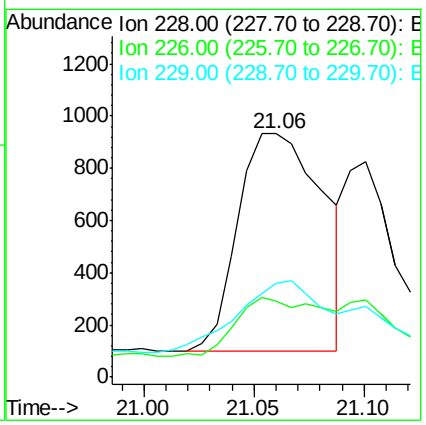


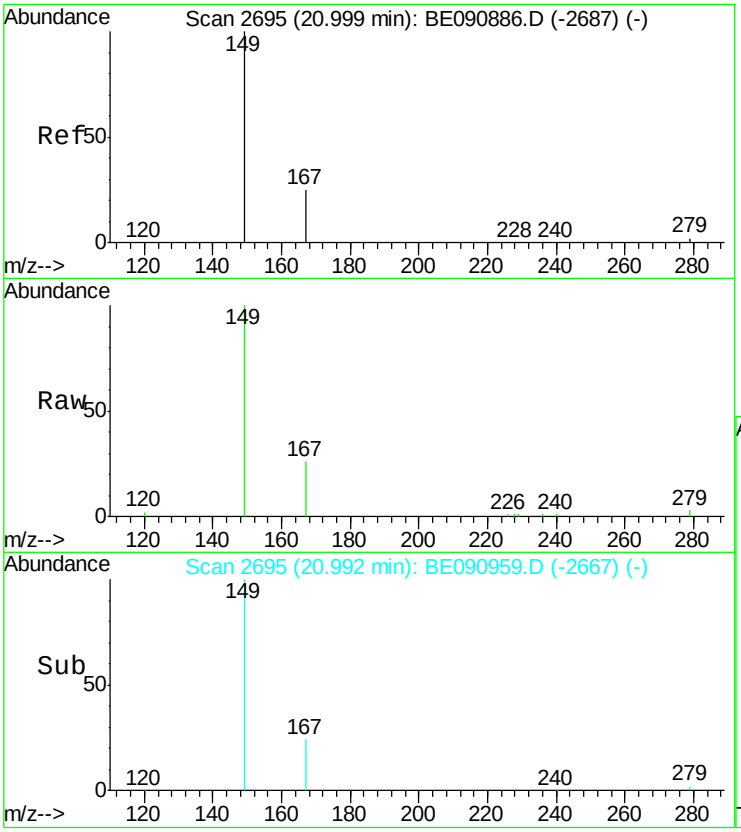


#29
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.06 min Scan# 2705
Delta R.T. 0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:228 Resp: 2247

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.6	32.4
229	38.6	15.9	23.9#



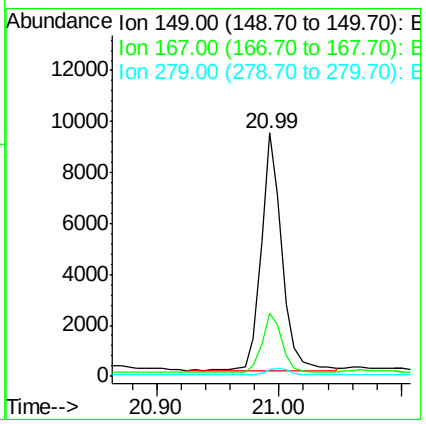


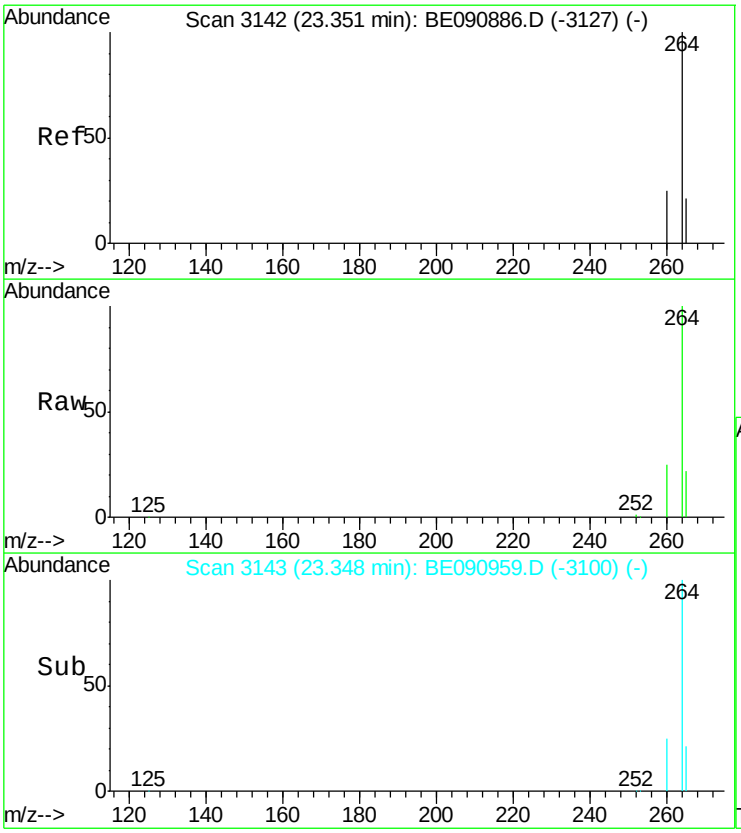
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.51 ng
RT: 20.99 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :
CPS063031

Tgt Ion:149 Resp: 11089

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.1	30.1
279	3.0	2.3	3.5





#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:264 Resp: 242114

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.7	17.5	26.3