Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090525.D
Acq On : 14 Aug 2015 17:58
Operator : UM/IZ
Sample : G3248-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CSB-02

Quant Time: Aug 17 15:29:39 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21466	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	104984	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	55594	5.00	ng		0.00
18) Phenanthrene-d10	16.95	188	123203	5.00	ng		0.00
25) Chrysene-d12	21.09	240	127026	5.00	ng		0.00
32) Perylene-d12	23.40	264	117453	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	13950	2.25	ng		0.00
5) Phenol-d6	6.77	99	28047	3.07	ng		0.00
7) Nitrobenzene-d5	8.72	82	14974	1.79	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	11241	5.25	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	39081	2.35	ng		0.00
27) Terphenyl-d14	19.55	244	71196	3.06	ng		0.00
Target Compounds							Qvalue
22) Phenanthrene	16.98	178	3458	0.11	ng		97
24) Fluoranthene	18.98	202	4100	0.12	ng	#	92
26) Pyrene	19.34	202	2016	0.06	ng		96
28) Benzo(a)anthracene	21.08	228	1162	0.03	ng	#	76
29) Chrysene	21.13	228	2327	0.07	ng	#	78
30) Bis(2-ethylhexyl)phthalate	21.02	149	7444	0.50	ng		99
31) Indeno(1,2,3-cd)pyrene	25.77	276	1712	0.05	ng		97
37) Benzo(g,h,i)perylene	26.51	276	1589	0.06	ng	#	70

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

Quantitation Report (QT Reviewed)

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Data File : BE090525.D
Acq On : 14 Aug 2015 17:58
Operator : UM/IZ
Sample : G3248-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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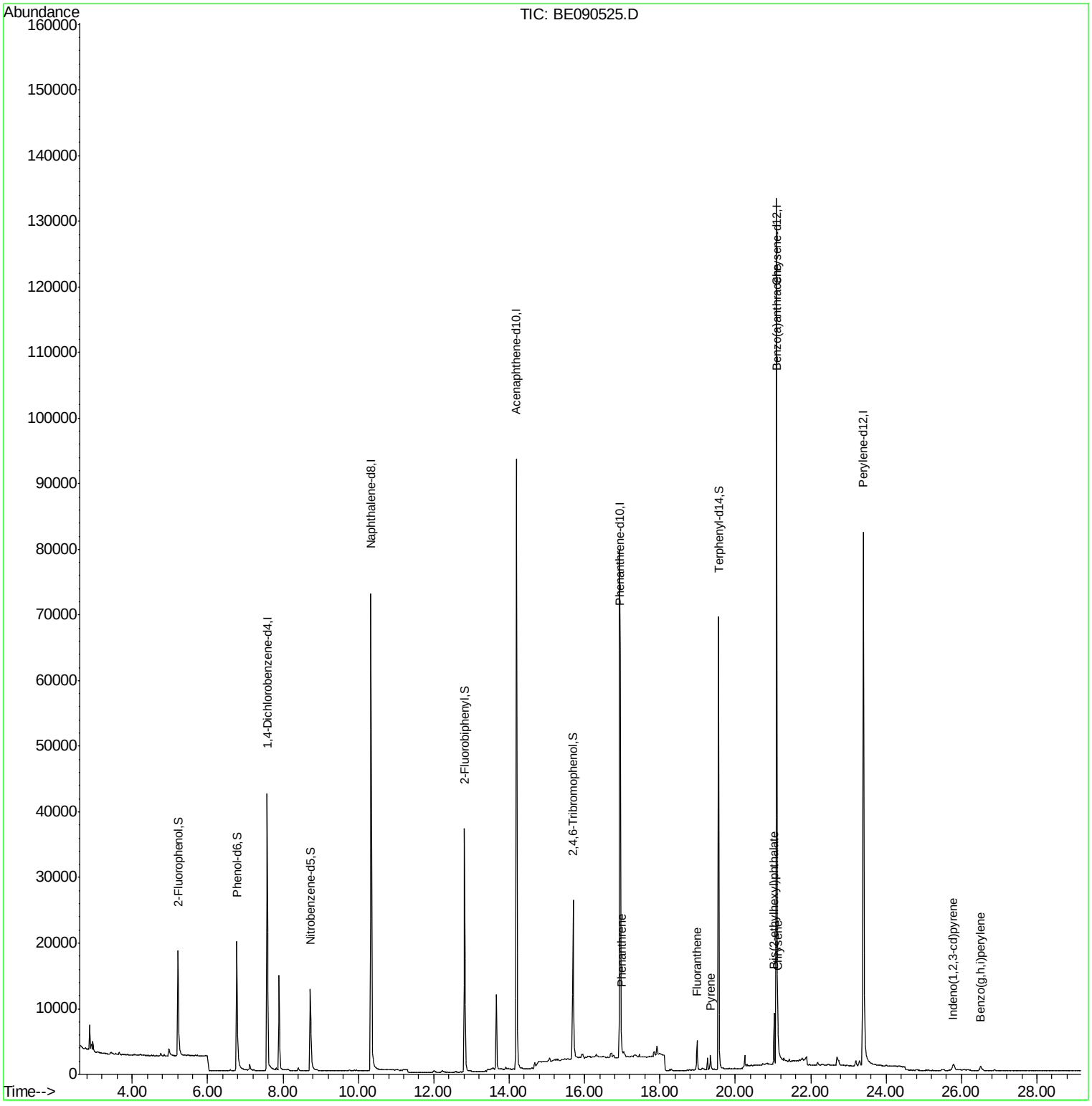
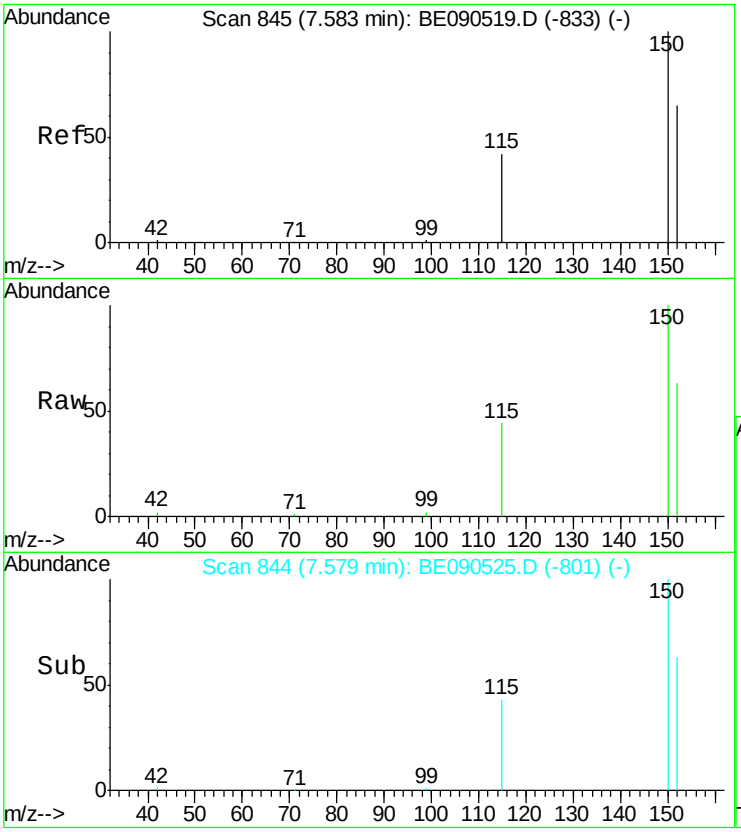


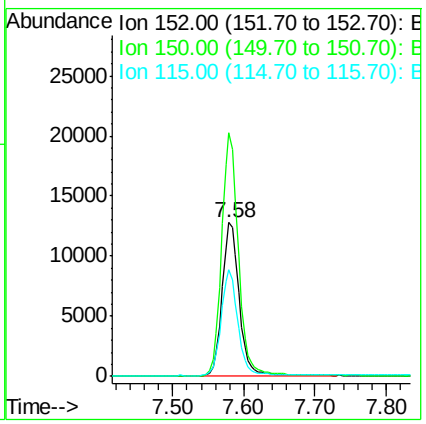


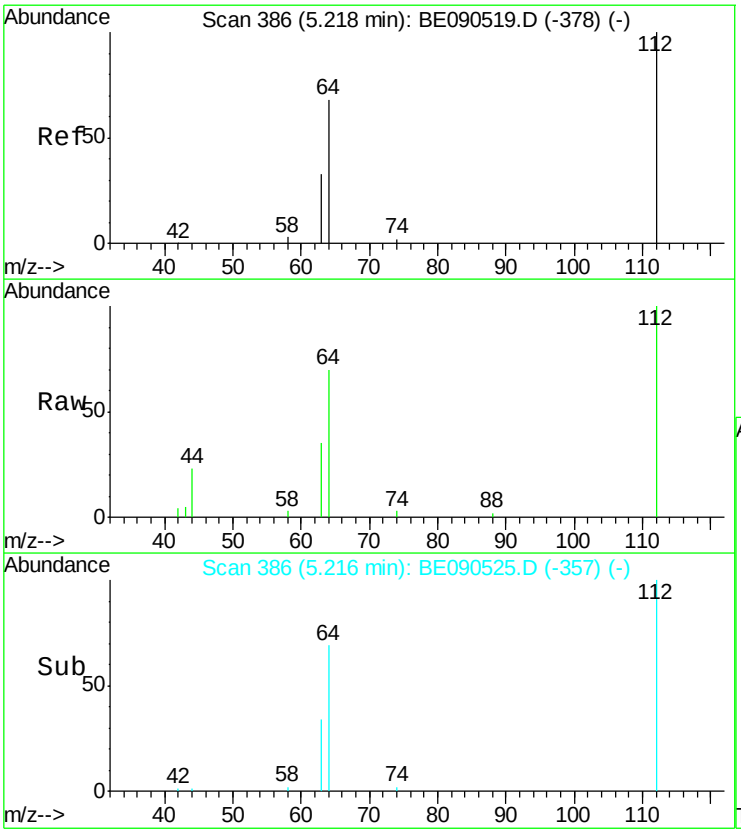
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Instrument :
BNA_E
ClientSampleId :
CSB-02

Tgt Ion:152 Resp: 21466

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.0	184.4
115	69.0	48.9	73.3

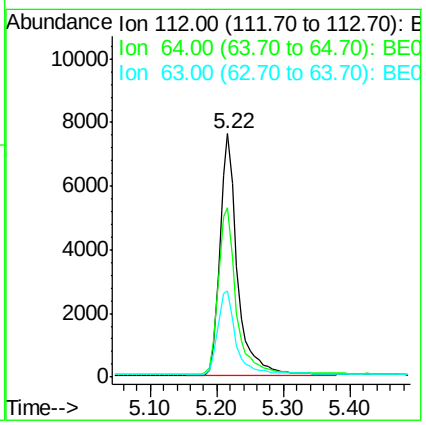


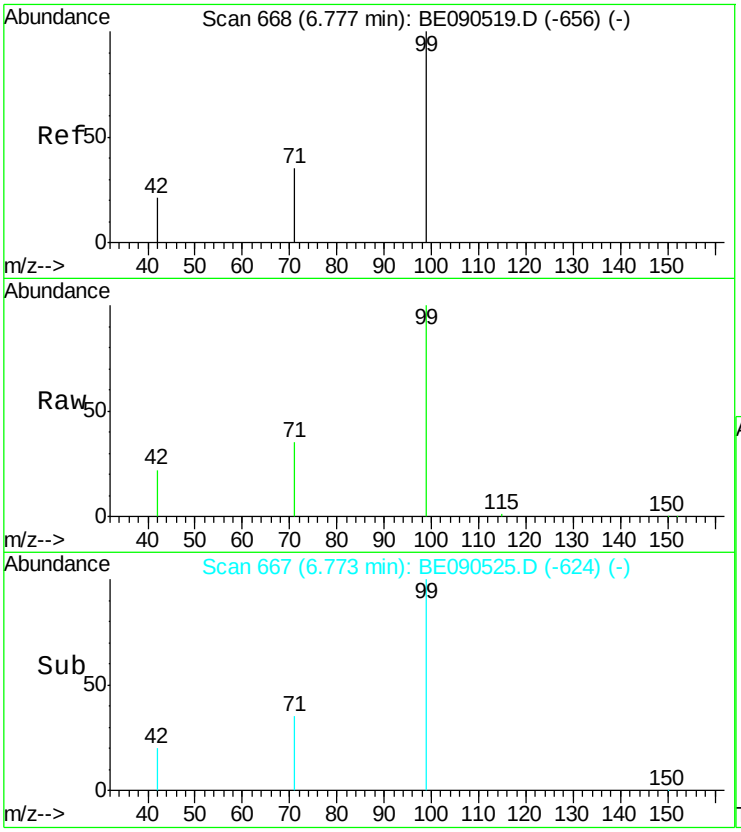


#4
2-Fluorophenol
Concen: 2.25 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Tgt Ion:112 Resp: 13950

Ion	Ratio	Lower	Upper
112	100		
64	70.5	37.1	55.7#
63	36.0	19.5	29.3#



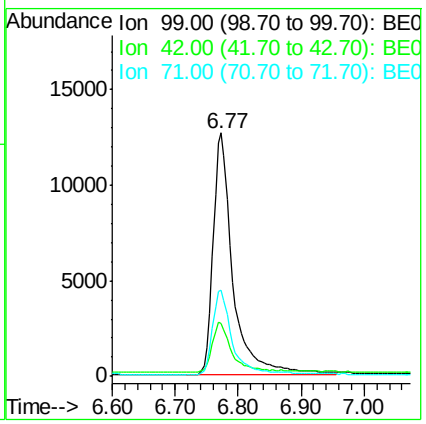


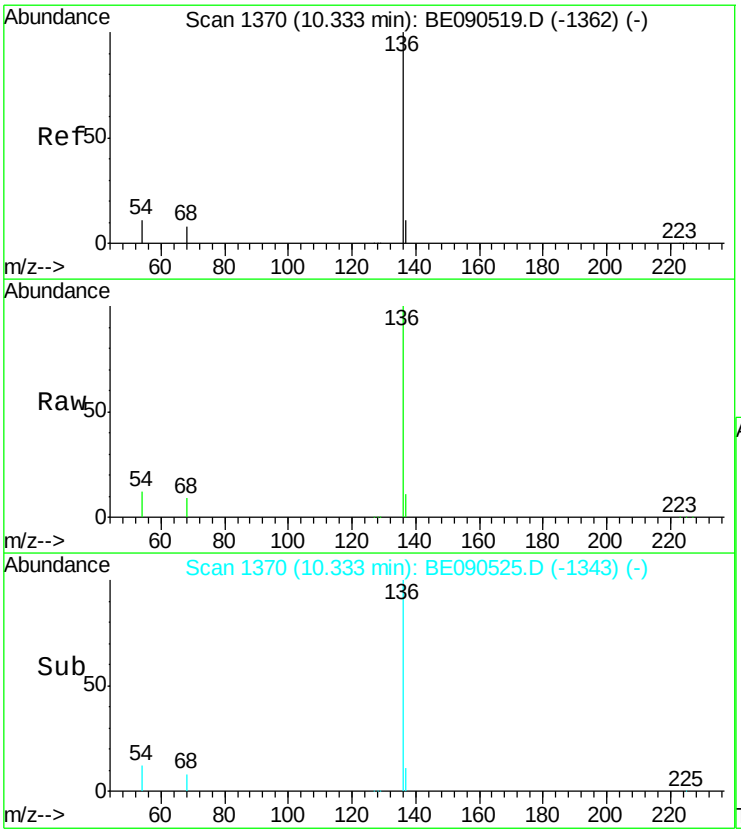
#5
Phenol-d6
Concen: 3.07 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Instrument :
BNA_E
ClientSampleId :
CSB-02

Tgt Ion: 99 Resp: 28047

Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.2	27.4
71	35.0	27.4	41.0

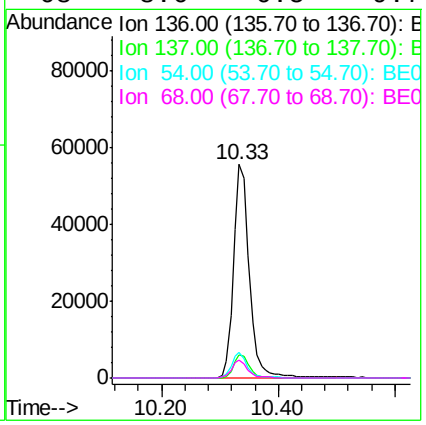


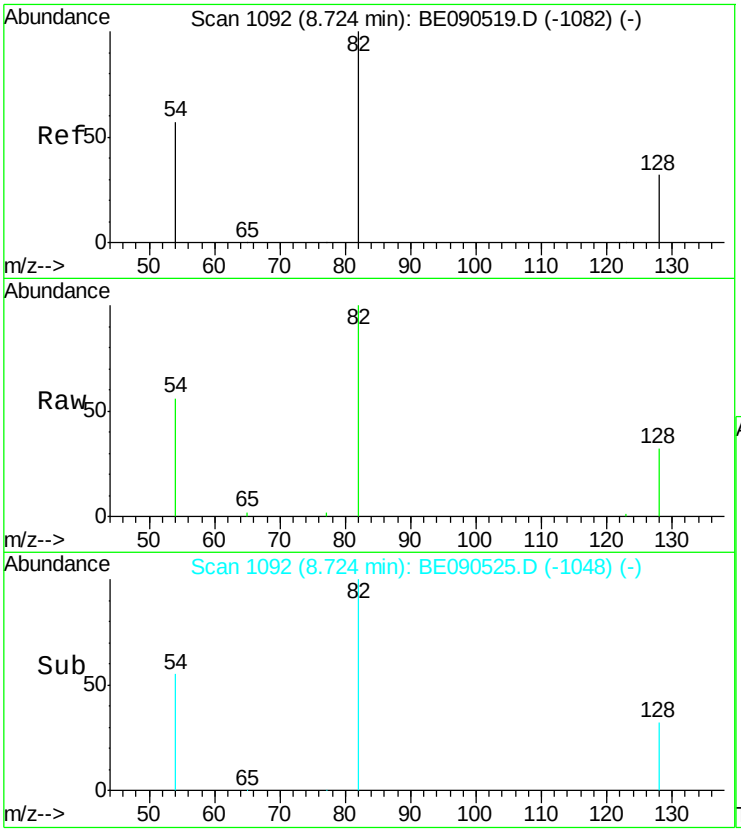


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Tgt Ion:136 Resp: 104984

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.7	9.4	14.0
68	8.6	6.5	9.7



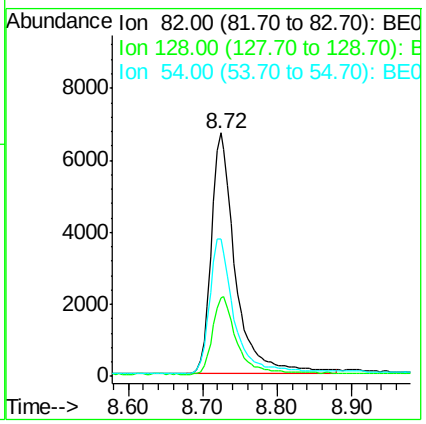


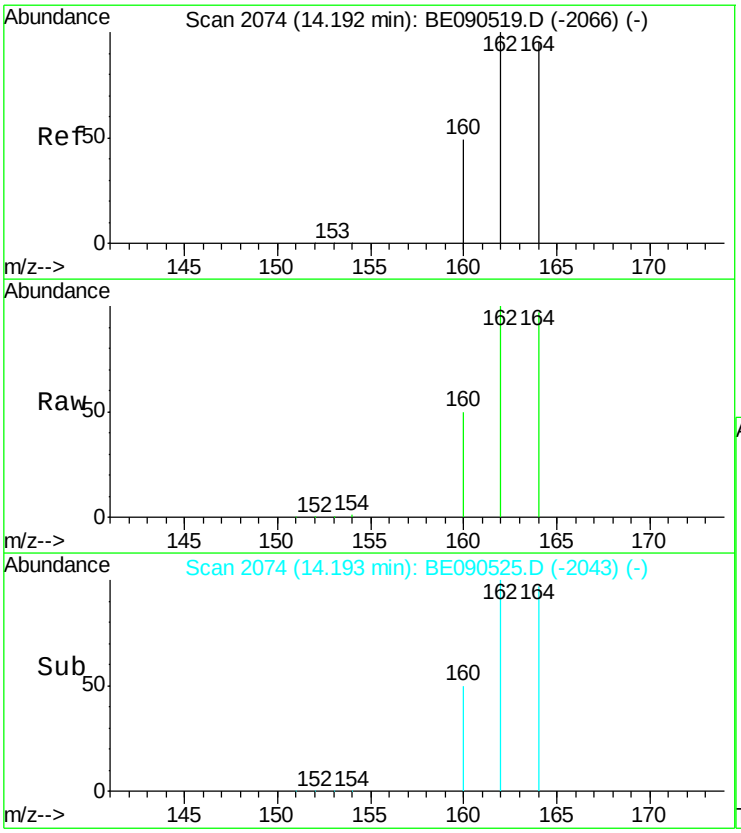
#7
Nitrobenzene-d5
Concen: 1.79 ng
RT: 8.72 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Instrument :
BNA_E
ClientSampleId :
CSB-02

Tgt Ion: 82 Resp: 14974

Ion	Ratio	Lower	Upper
82	100		
128	32.1	25.0	37.6
54	56.2	48.8	73.2

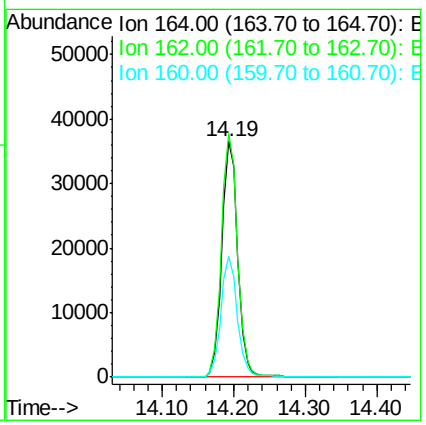


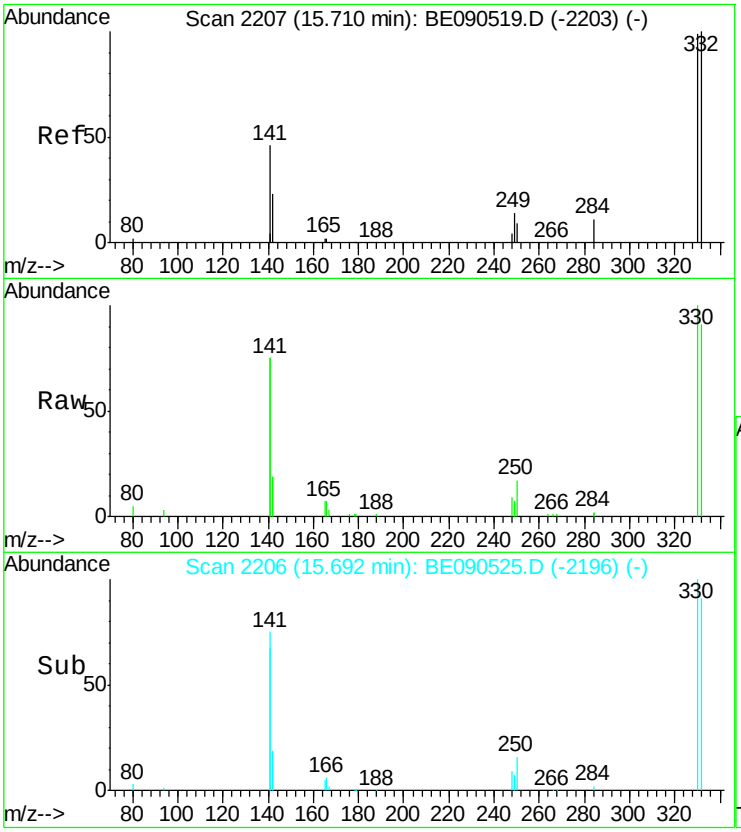


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Tgt Ion:164 Resp: 55594

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.8
160	51.4	44.2	66.4



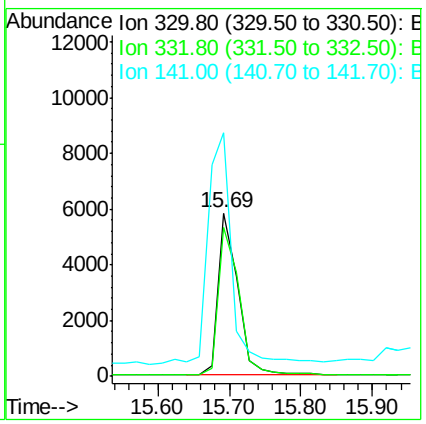


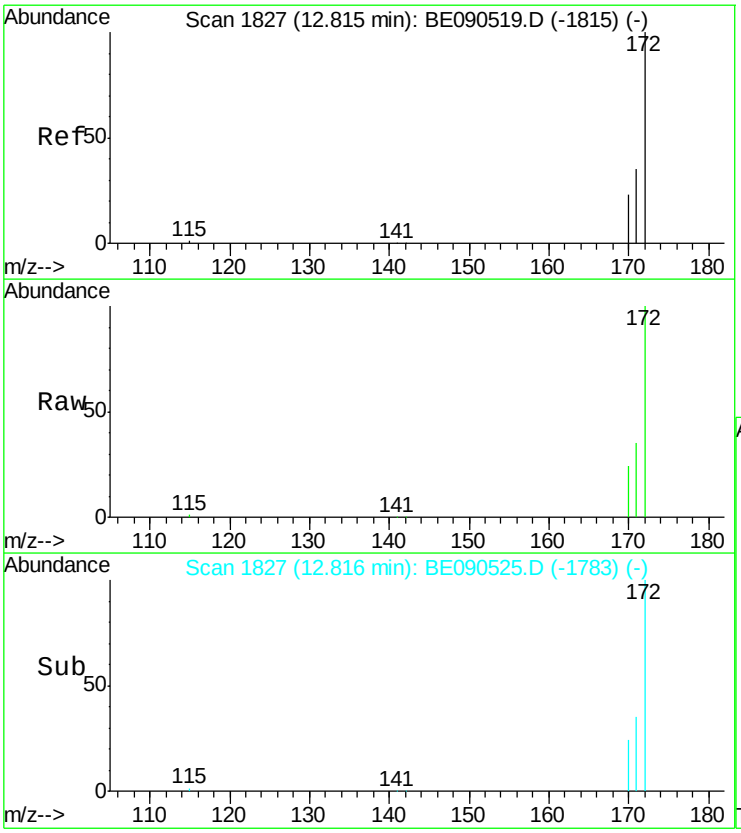
#13
2,4,6-Tribromophenol
Concen: 5.25 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Instrument :
BNA_E
ClientSampleId :
CSB-02

Tgt Ion:330 Resp: 11241

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.8	113.6
141	171.1	114.4	171.6

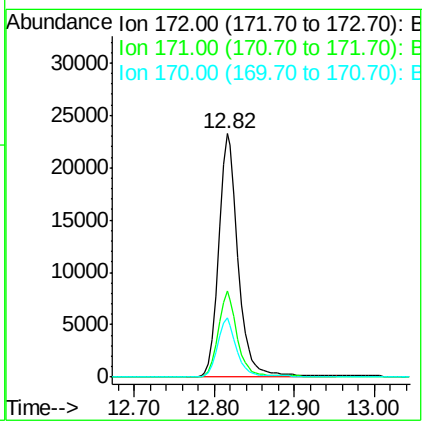


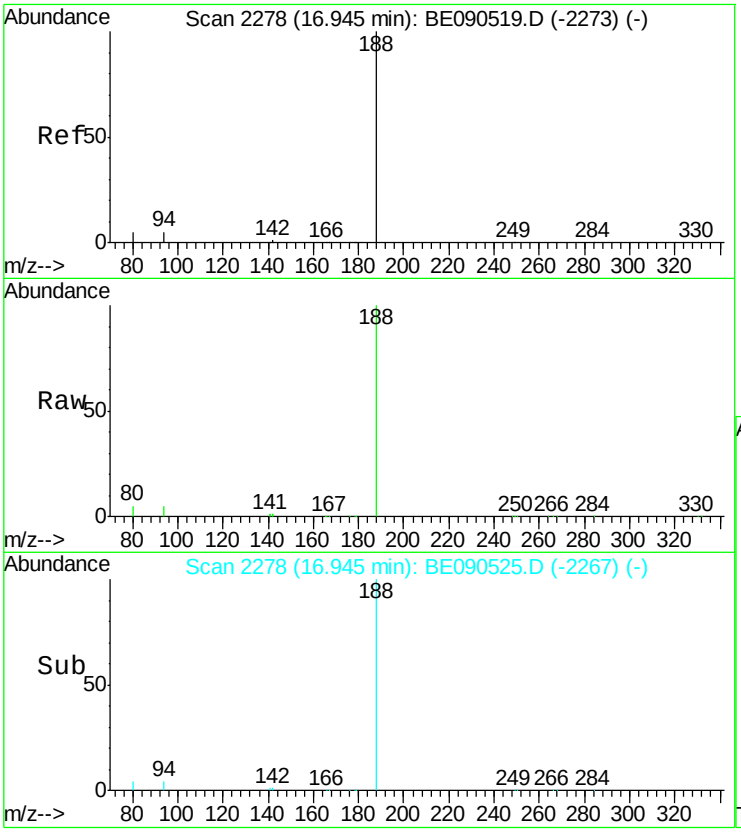


#14
2-Fluorobiphenyl
Concen: 2.35 ng
RT: 12.82 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Tgt Ion:172 Resp: 39081

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.2	19.8	29.8



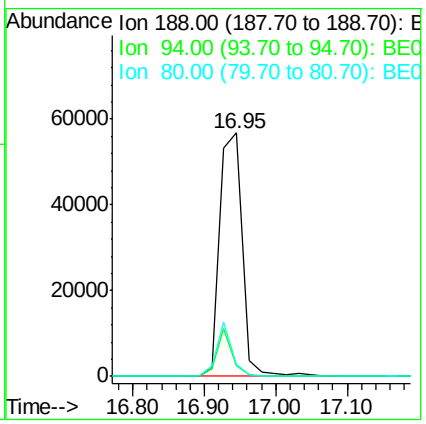


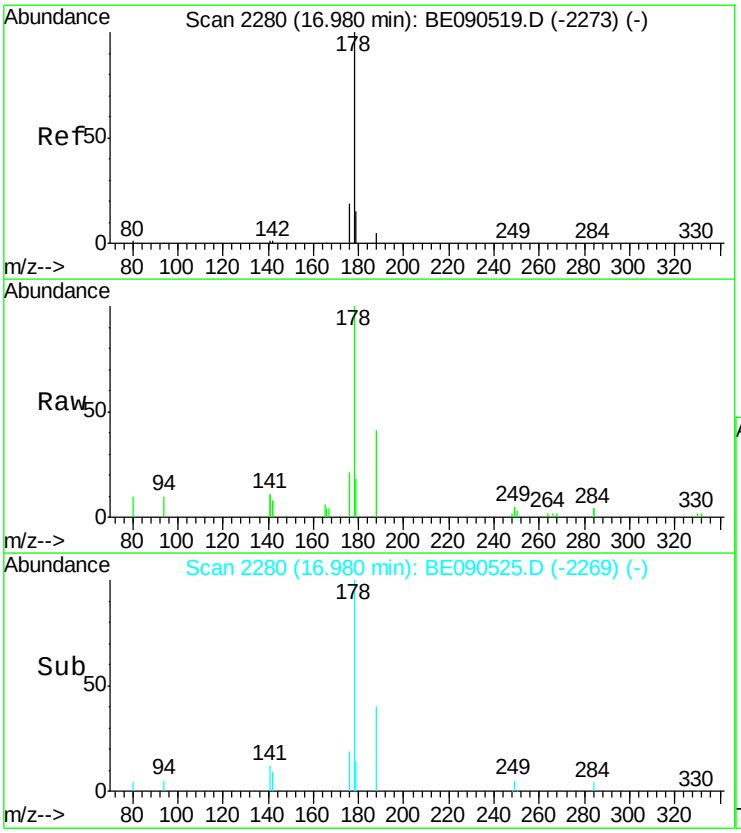
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Instrument :
BNA_E
ClientSampleId :
CSB-02

Tgt Ion:188 Resp: 123203

Ion	Ratio	Lower	Upper
188	100		
94	4.6	5.7	8.5#
80	4.7	5.8	8.8#

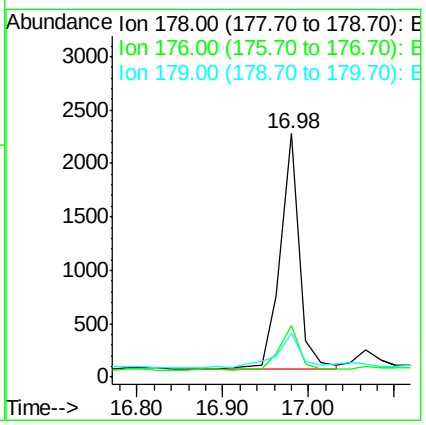


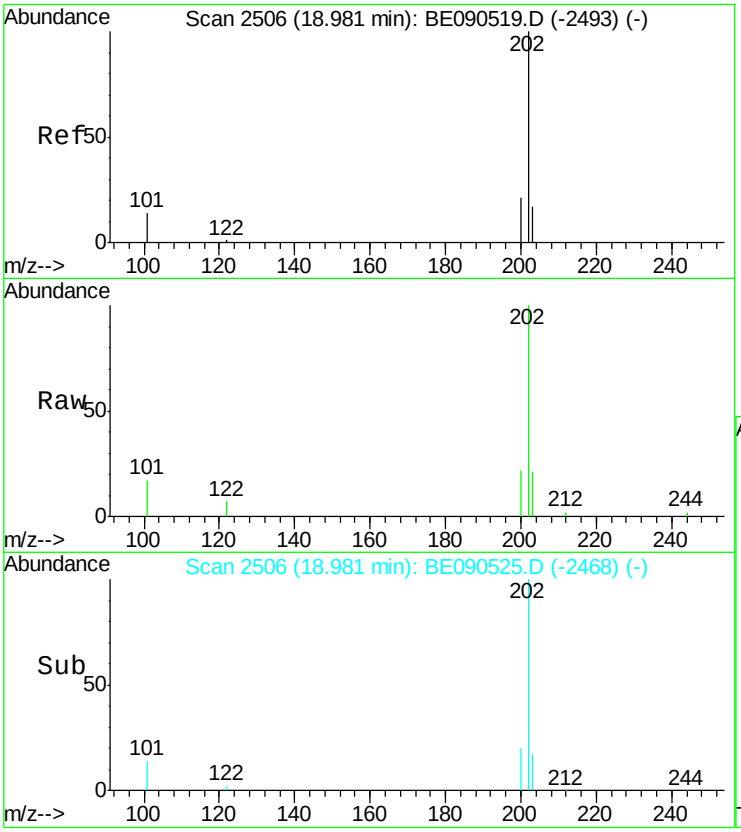


#22
Phenanthrene
Concen: 0.11 ng
RT: 16.98 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Tgt Ion:178 Resp: 3458

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	18.2	12.5	18.7



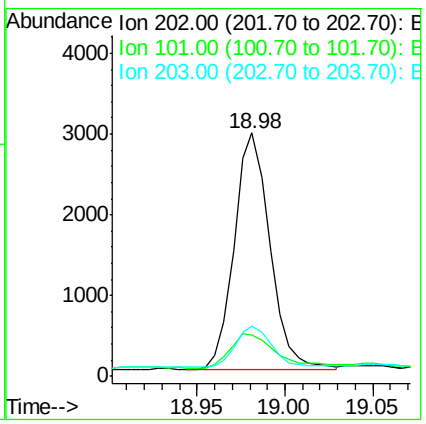


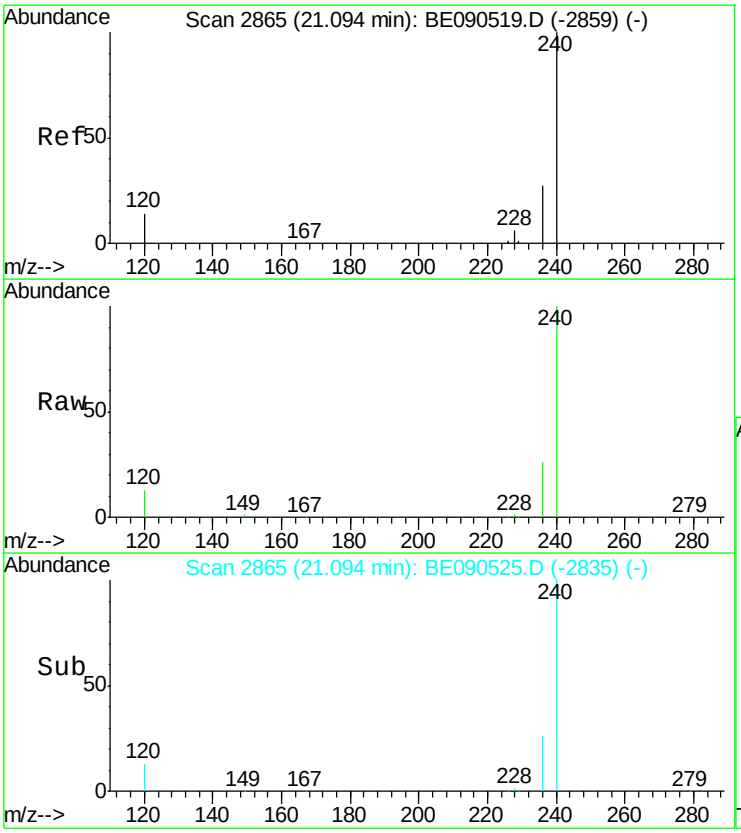
#24
Fluoranthene
Concen: 0.12 ng
RT: 18.98 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Instrument :
BNA_E
ClientSampleId :
CSB-02

Tgt Ion:202 Resp: 4100

Ion	Ratio	Lower	Upper
202	100		
101	19.0	10.3	15.5#
203	17.9	13.7	20.5

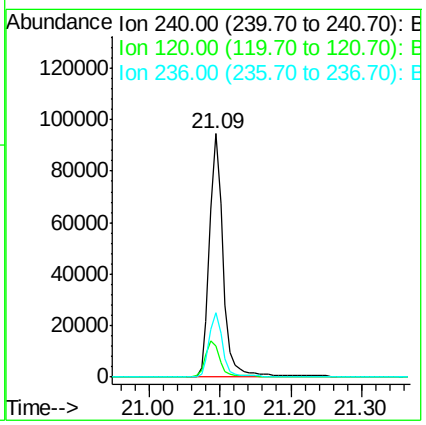


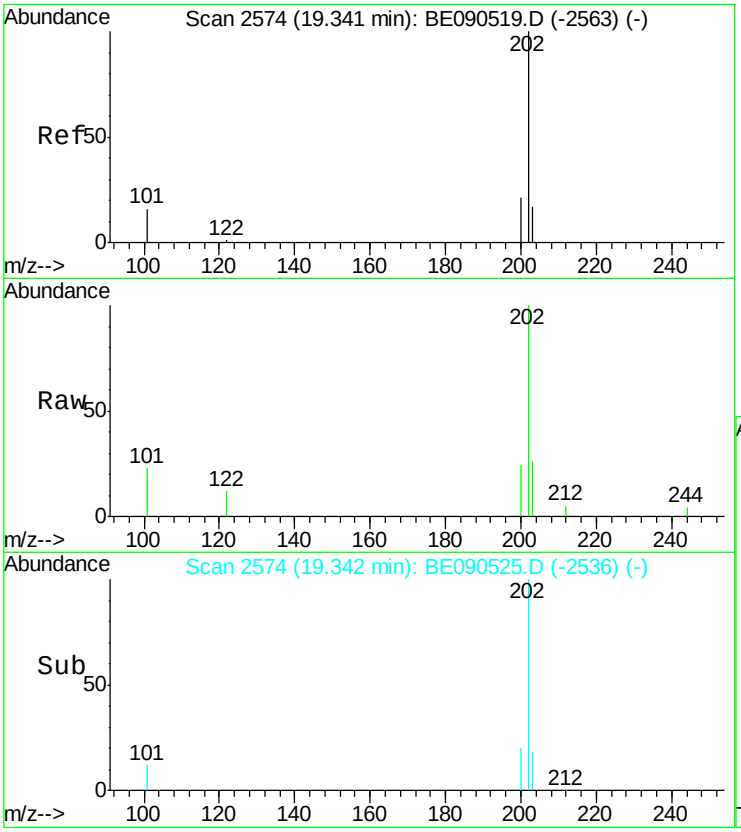


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Tgt Ion:240 Resp: 127026

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	26.3	21.0	31.4



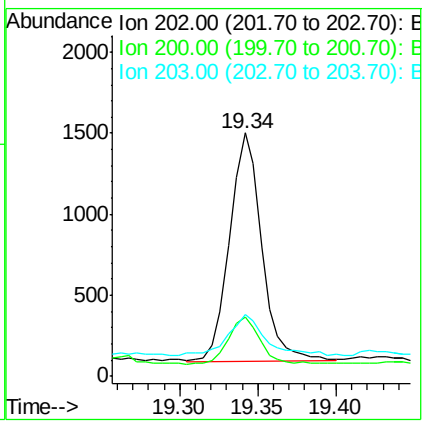


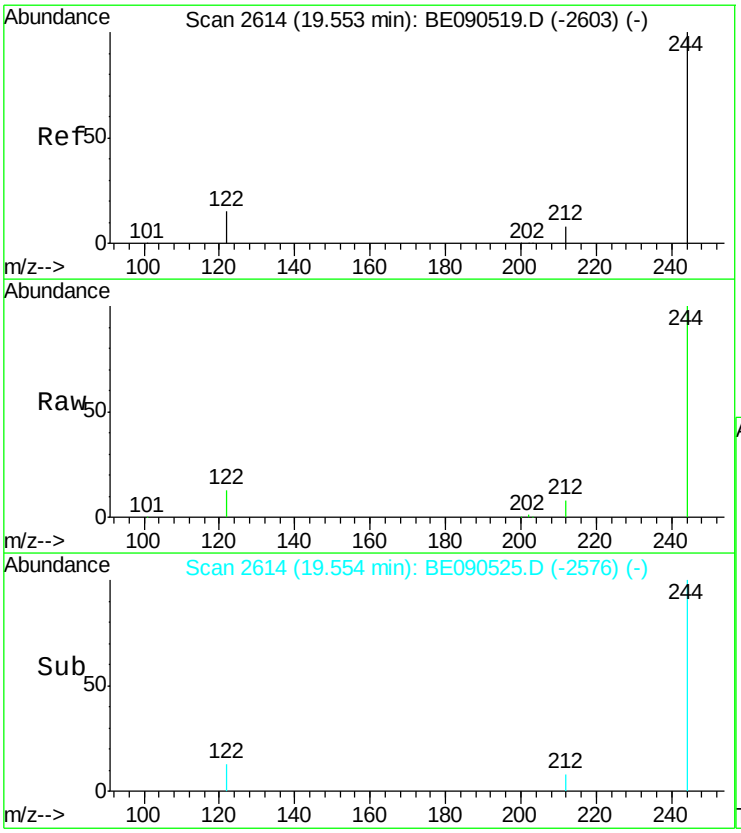
#26
Pyrene
Concen: 0.06 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Instrument :
BNA_E
ClientSampleId :
CSB-02

Tgt Ion:202 Resp: 2016

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.7	25.1
203	20.1	13.8	20.8

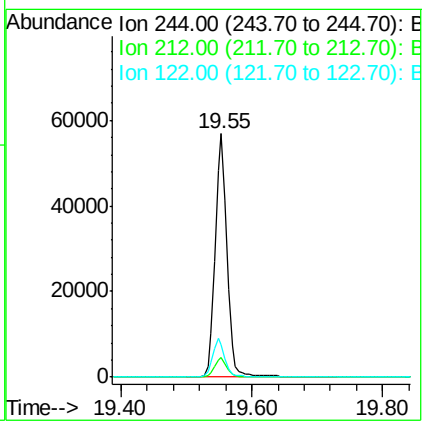


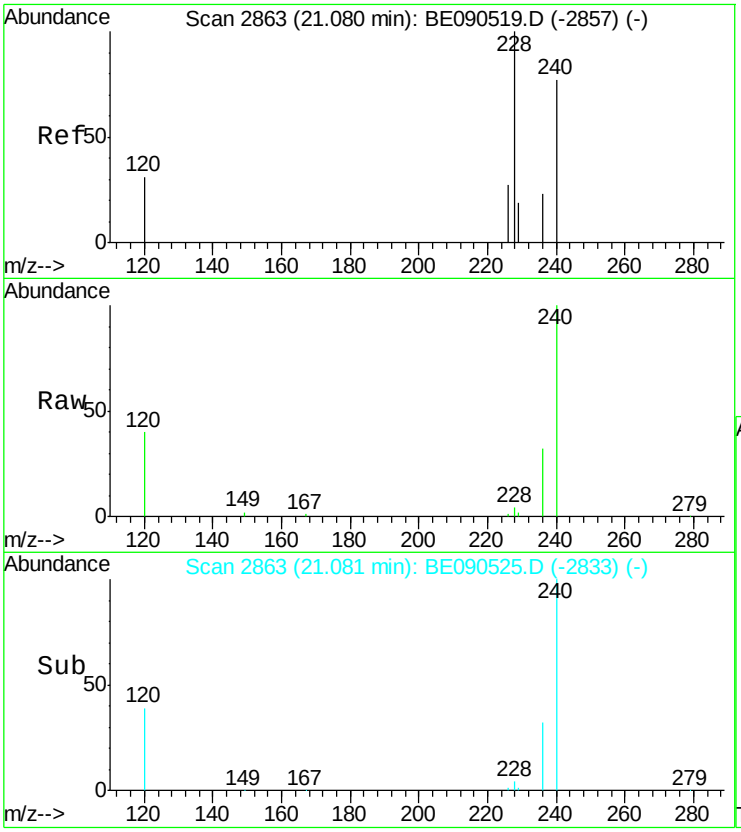


#27
Terphenyl-d14
Concen: 3.06 ng
RT: 19.55 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Tgt Ion:244 Resp: 71196

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	13.3	10.2	15.4



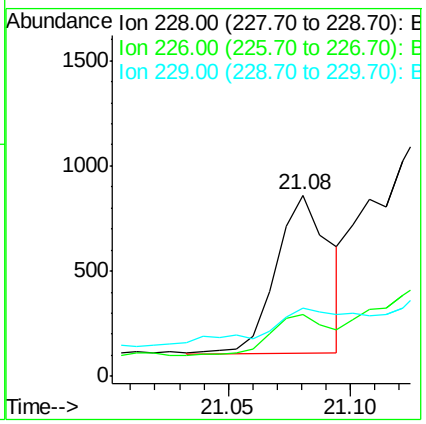


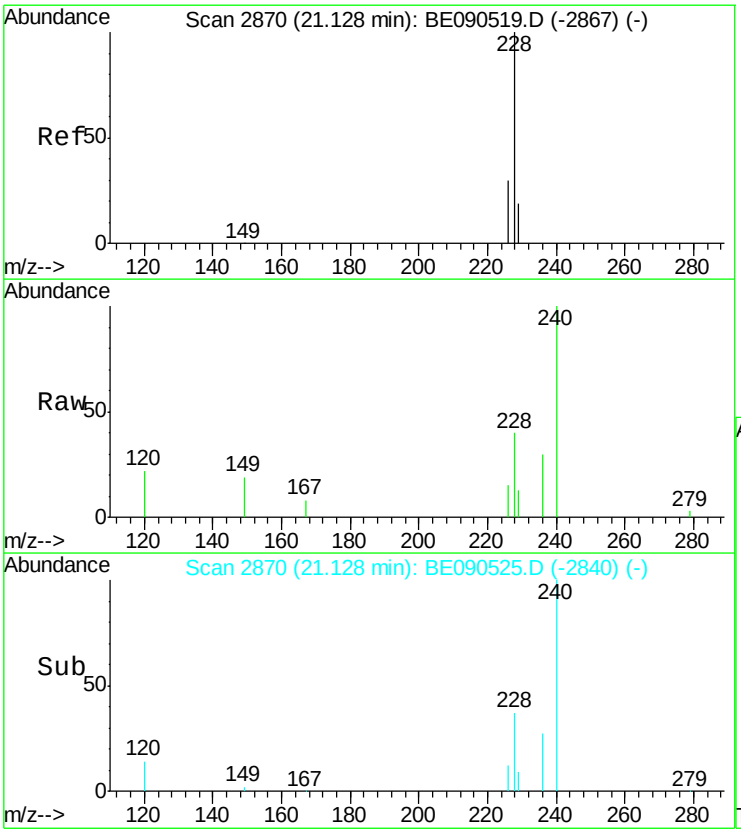
#28
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.08 min Scan# 2863
Delta R.T. 0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Instrument :
BNA_E
ClientSampleId :
CSB-02

Tgt Ion:228 Resp: 1162

Ion	Ratio	Lower	Upper
228	100		
226	34.1	21.9	32.9#
229	37.4	15.4	23.0#

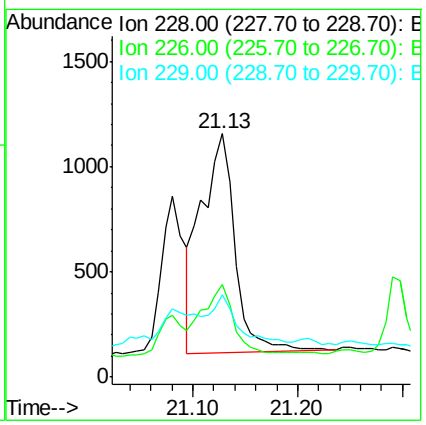


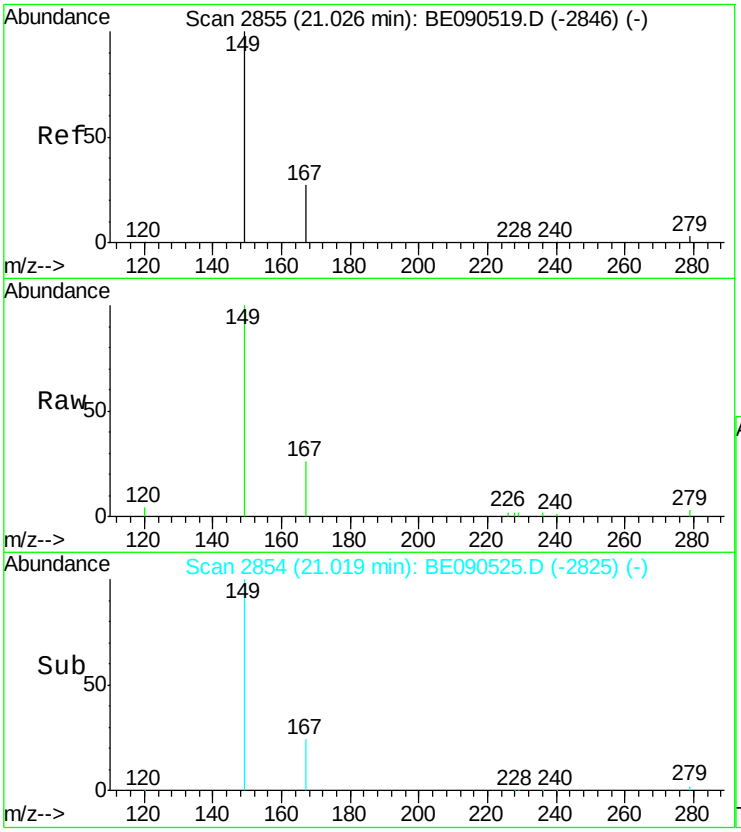


#29
Chrysene
Concen: 0.07 ng
RT: 21.13 min Scan# 2870
Delta R.T. 0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Tgt Ion:228 Resp: 2327

Ion	Ratio	Lower	Upper
228	100		
226	37.9	23.1	34.7#
229	33.9	15.8	23.8#



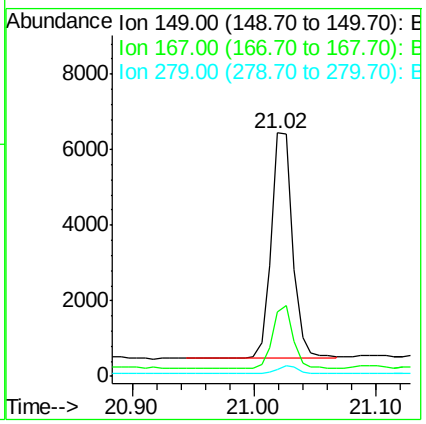


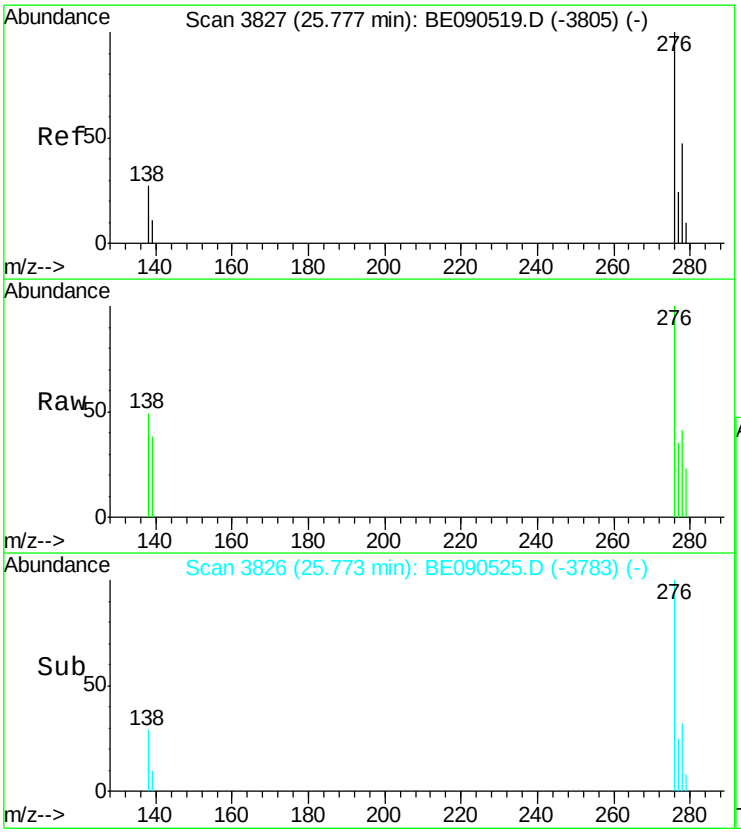
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.50 ng
RT: 21.02 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Instrument :
BNA_E
ClientSampleId :
CSB-02

Tgt Ion:149 Resp: 7444

Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.8	29.8
279	3.2	2.4	3.6

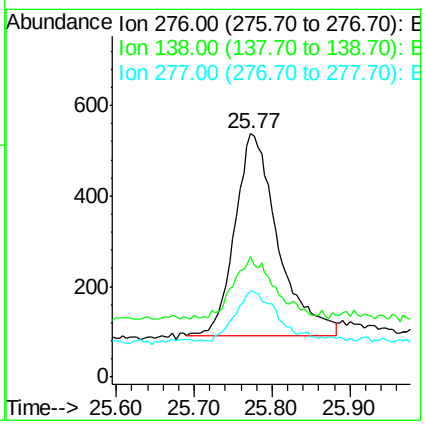


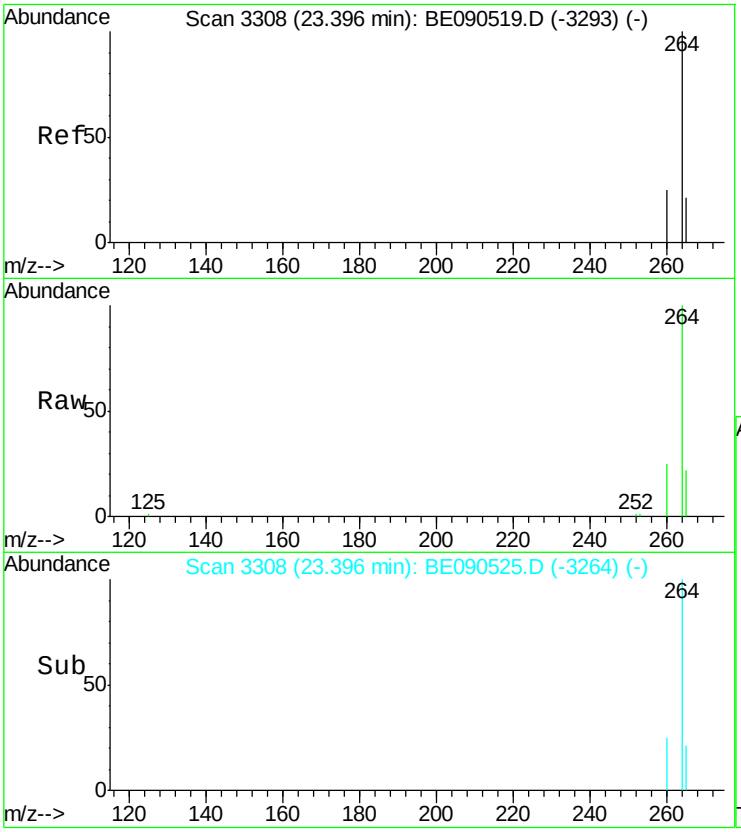


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 25.77 min Scan# 3826
Delta R.T. -0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Tgt Ion:276 Resp: 1712

Ion	Ratio	Lower	Upper
276	100		
138	26.4	18.8	28.2
277	22.5	18.2	27.4



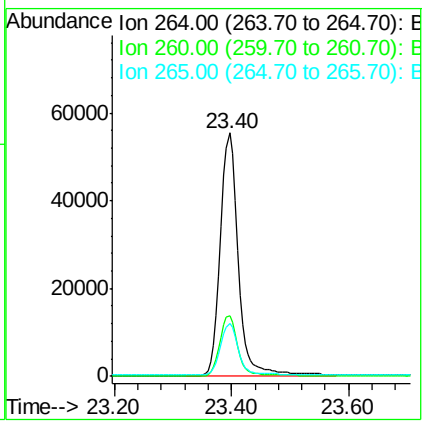


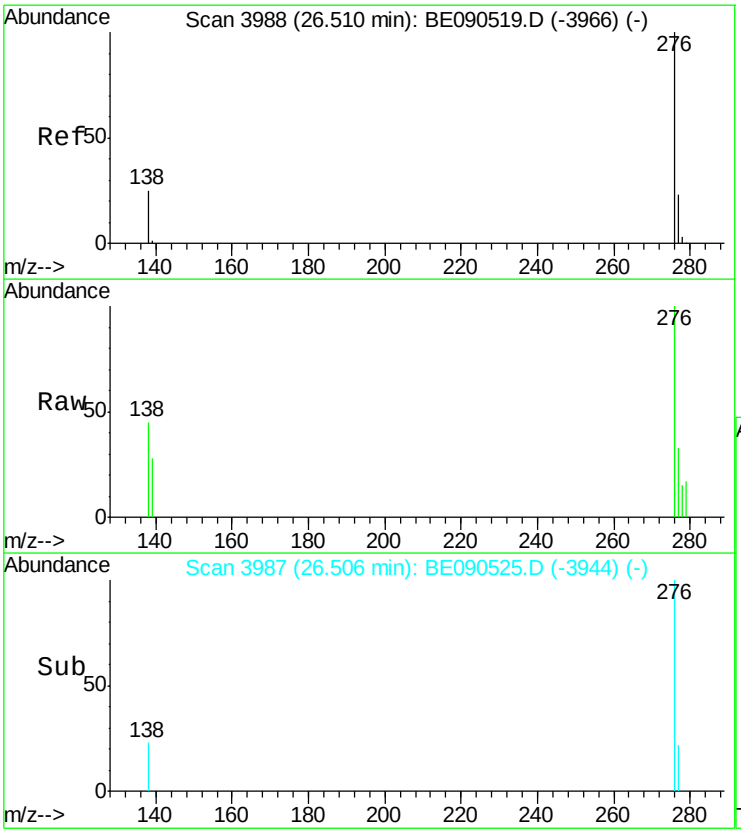
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Instrument :
BNA_E
ClientSampleId :
CSB-02

Tgt Ion:264 Resp: 117453

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.9	17.2	25.8





#37
Benzo(g,h,i)perylene
Concen: 0.06 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.00 min
Lab File: BE090525.D
Acq: 14 Aug 2015 17:58

Tgt Ion:276 Resp: 1589

Ion	Ratio	Lower	Upper
276	100		
277	32.6	20.1	30.1#
138	45.2	18.1	27.1#