Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
Data File : BE090691.D
Acq On : 2 Sep 2015 6:13
Operator : UM/IZ
Sample : G3504-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 02 06:53:03 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 01:57:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	37383	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	161294	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	82337	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	212278	5.00	ng	0.00
25) Chrysene-d12	21.07	240	284613	5.00	ng	0.00
32) Perylene-d12	23.36	264	271623	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	29407	4.04	ng	0.00
5) Phenol-d6	6.75	99	25048	2.41	ng	0.00
7) Nitrobenzene-d5	8.71	82	40383	3.79	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	21881	9.03	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	89672	3.93	ng	0.00
27) Terphenyl-d14	19.53	244	197737	6.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	96	Below Cal	#	1
3) n-Nitrosodimethylamine	3.40	42	383	Below Cal	#	1
8) Nitrobenzene	8.76	77	23	0.11	ng #	43
20) Hexachlorobenzene	16.23	284	88	Below Cal	#	1
21) Pentachlorophenol	16.58	266	80	Below Cal	#	63
29) Chrysene	21.11	228	414	Below Cal	#	56
30) Bis(2-ethylhexyl)phthalate	21.00	149	2164	0.20	ng #	96
36) Dibenzo(a,h)anthracene	25.75	278	81	0.14	ng #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
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Acq On : 2 Sep 2015 6:13
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Sample : G3504-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 01:57:39 2015
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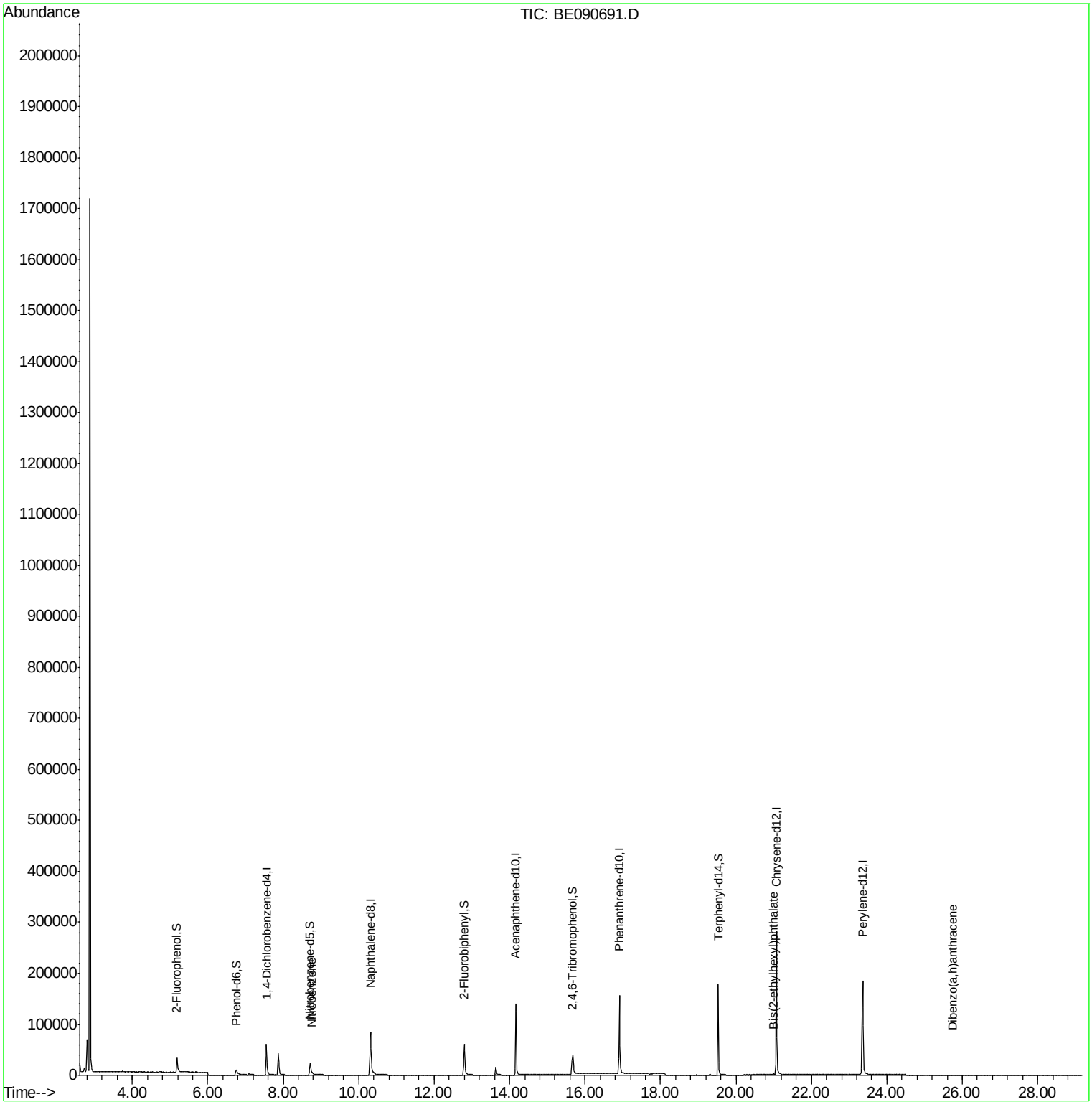
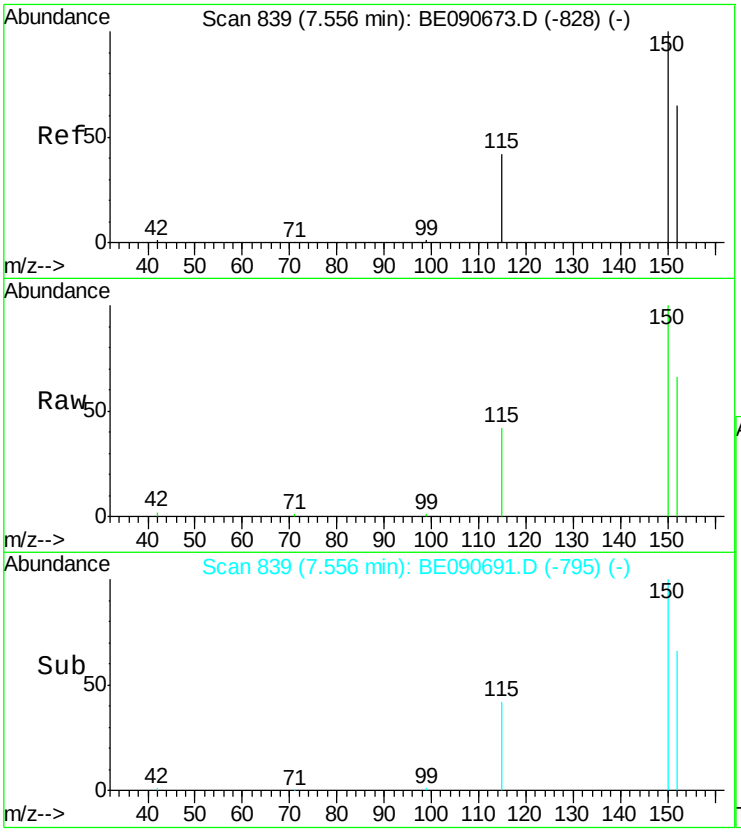


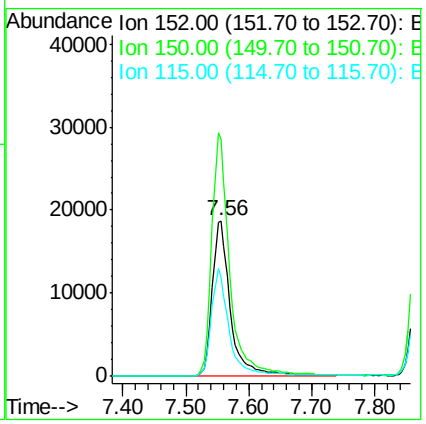


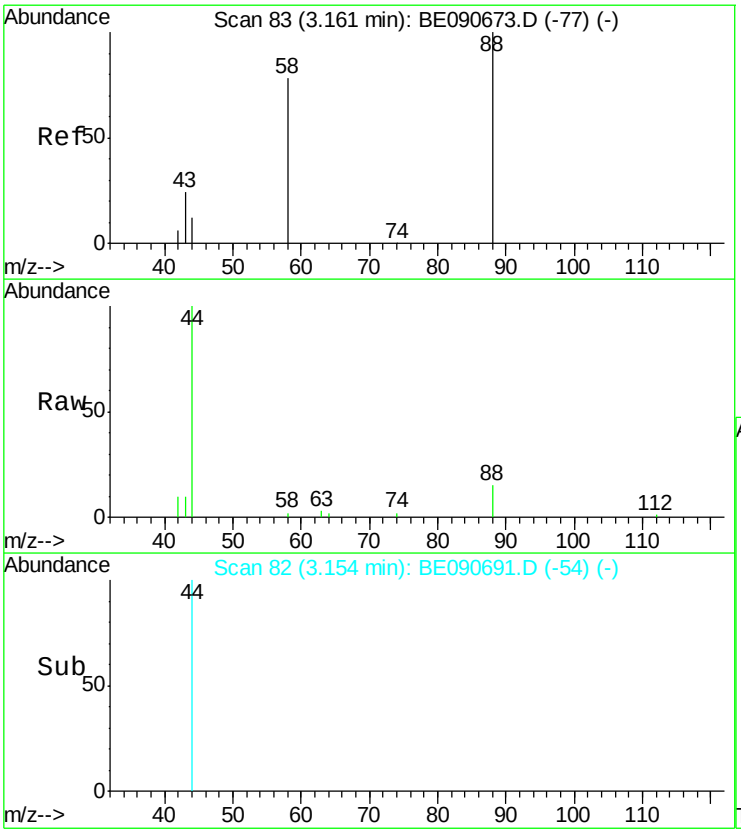
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.56 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 37383

Ion	Ratio	Lower	Upper
152	100		
150	152.2	122.2	183.4
115	63.7	51.0	76.4

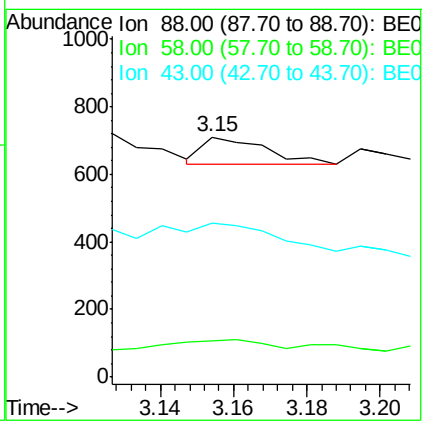


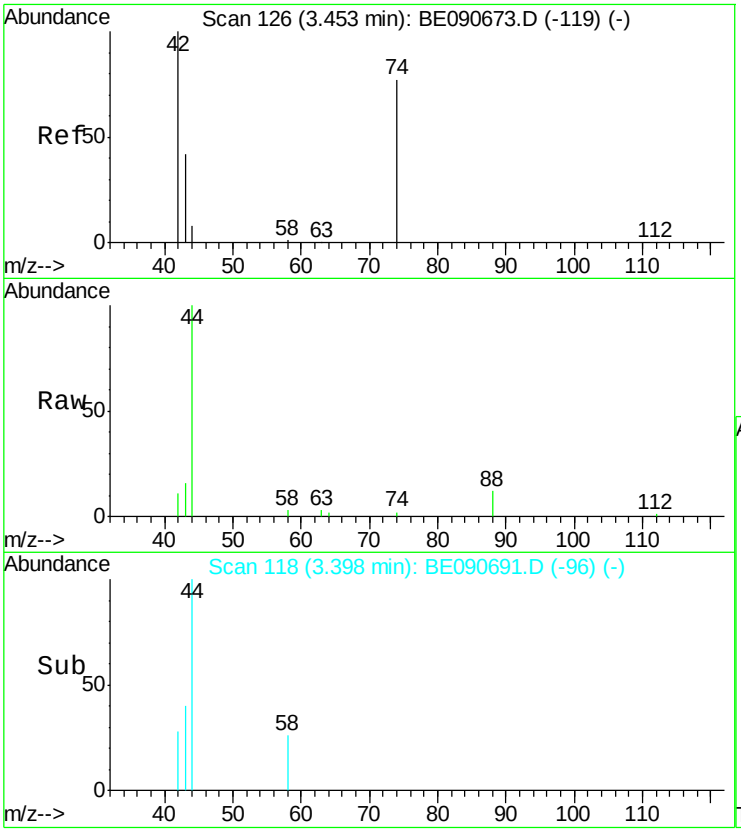


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.15 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Tgt Ion: 88 Resp: 96

Ion	Ratio	Lower	Upper
88	100		
58	46.9	68.4	102.6#
43	250.0	26.9	40.3#



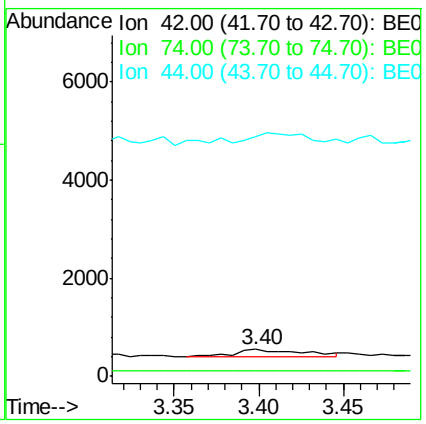


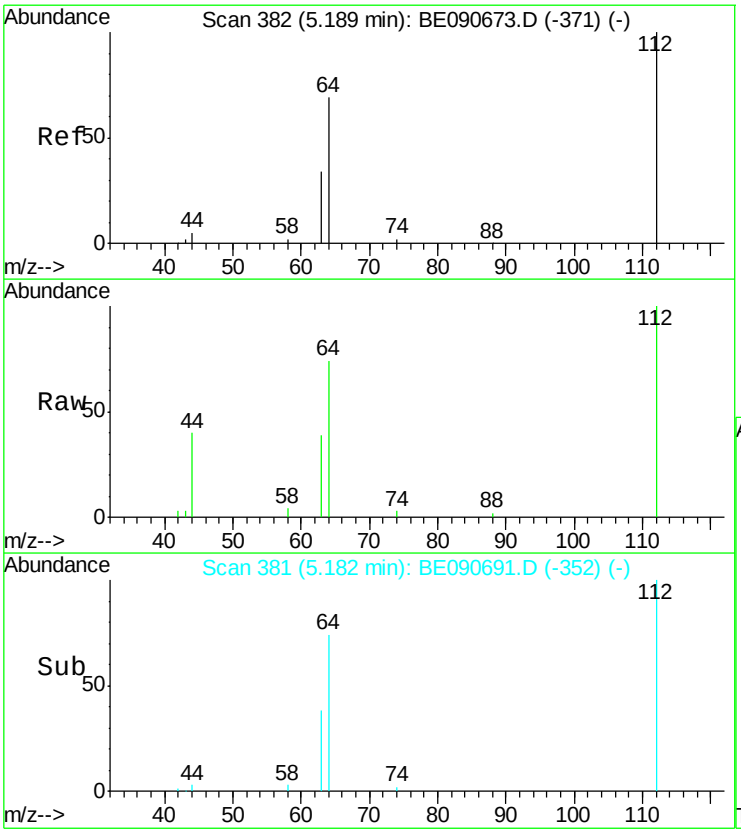
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.40 min Scan# 118
Delta R.T. -0.05 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 383

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	155.1	10.0	15.0#

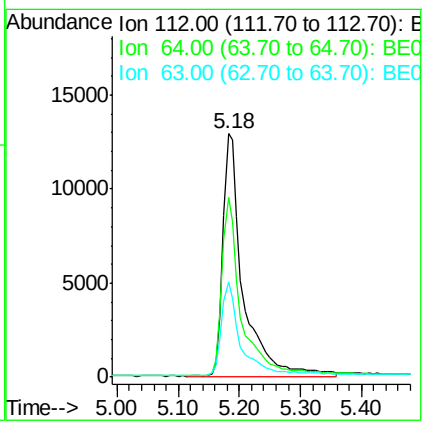


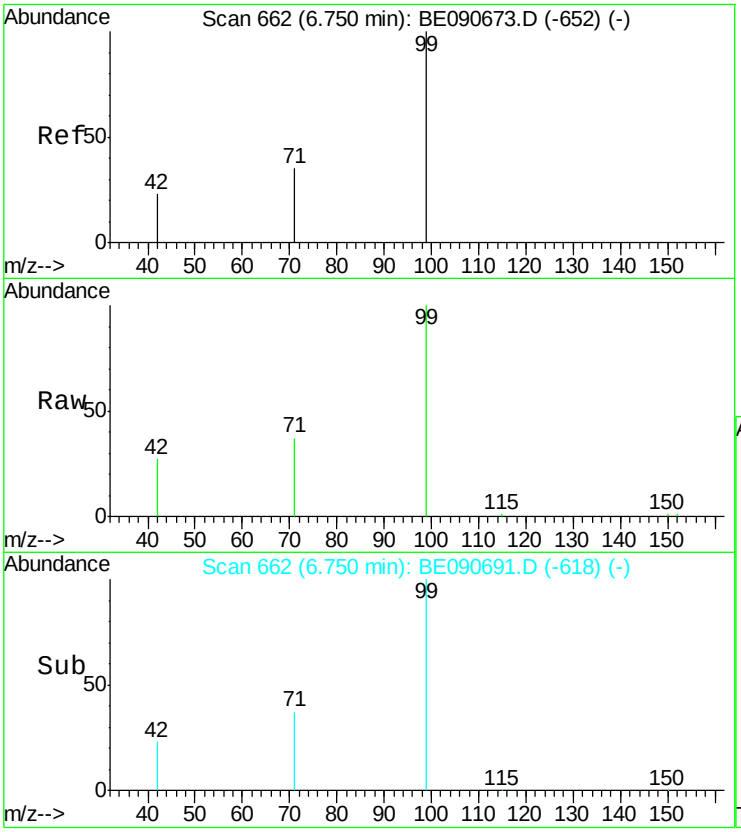


#4
2-Fluorophenol
Concen: 4.04 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Tgt Ion:112 Resp: 29407

Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.3	85.9
63	37.0	29.2	43.8



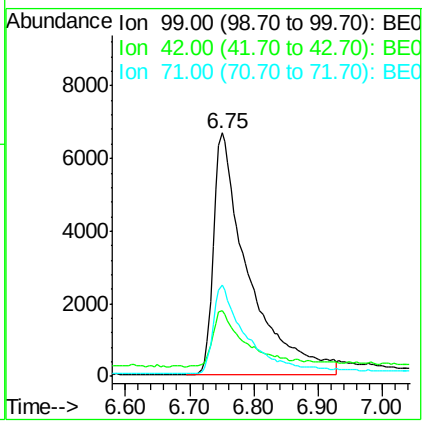


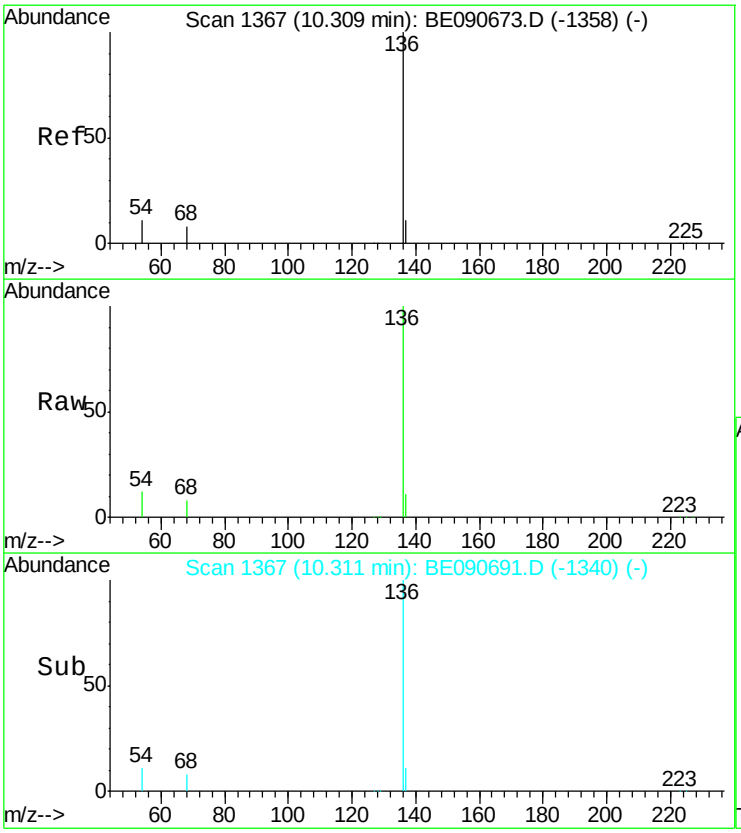
#5
Phenol-d6
Concen: 2.41 ng
RT: 6.75 min Scan# 662
Delta R.T. -0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 25048

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.8	25.2
71	33.8	28.3	42.5

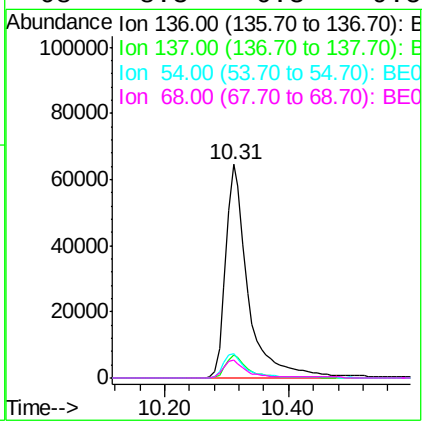


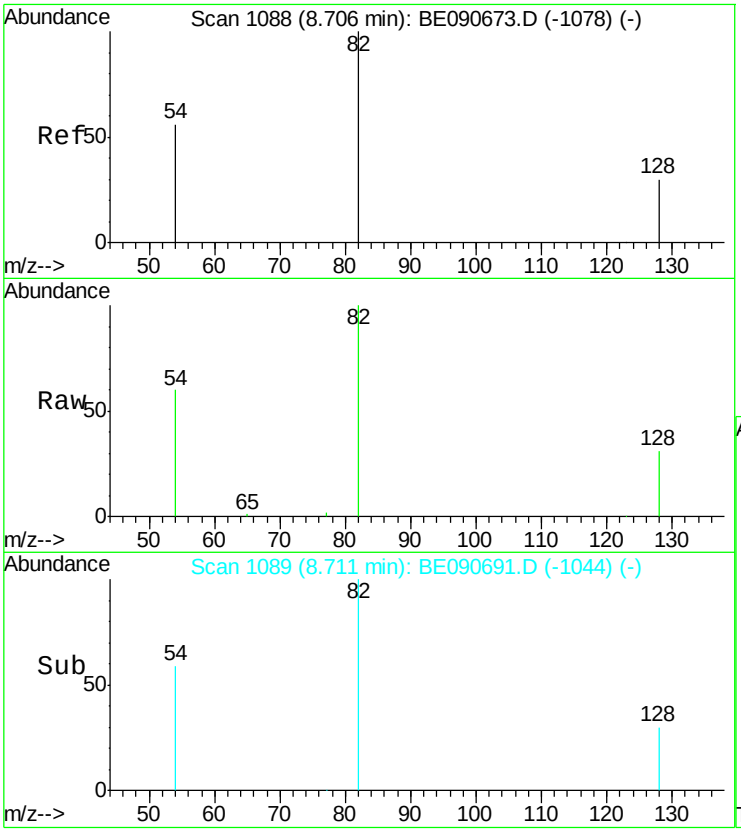


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Tgt Ion:136 Resp: 161294

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.5	9.0	13.6
68	8.3	6.3	9.5



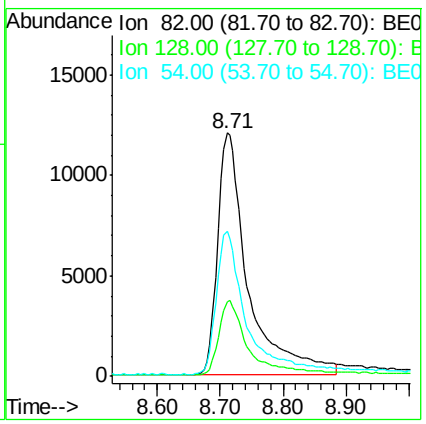


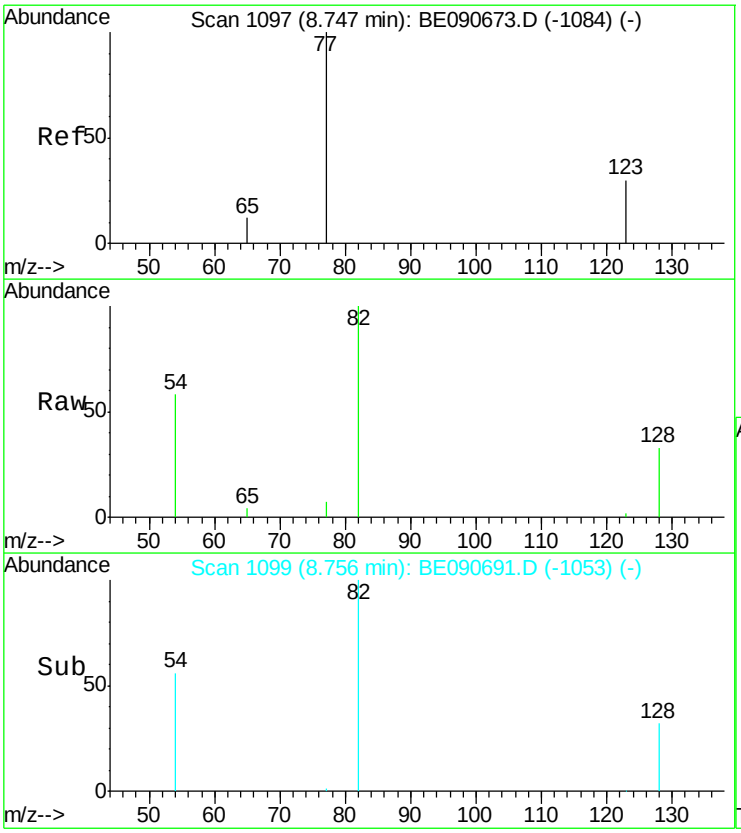
#7
Nitrobenzene-d5
Concen: 3.79 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 40383

Ion	Ratio	Lower	Upper
82	100		
128	30.5	25.0	37.4
54	59.7	46.3	69.5

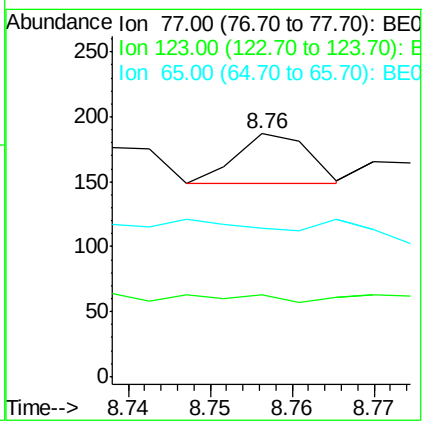


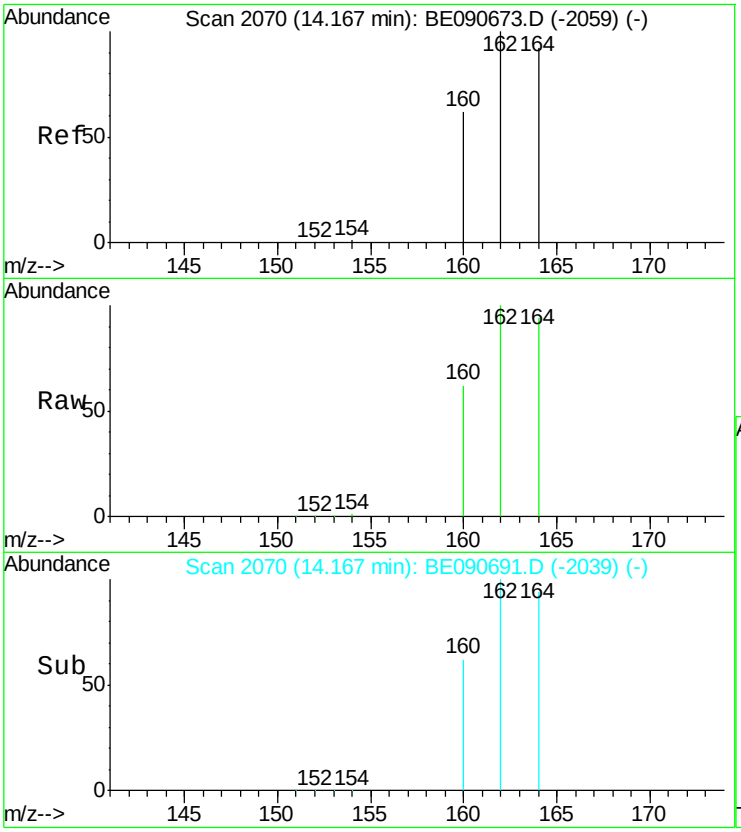


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.76 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Tgt Ion: 77 Resp: 23

Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.1	37.7#
65	34.8	9.9	14.9#



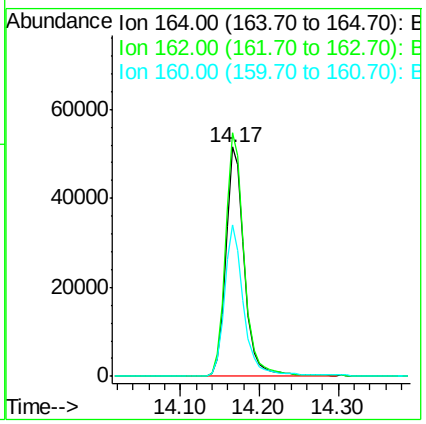


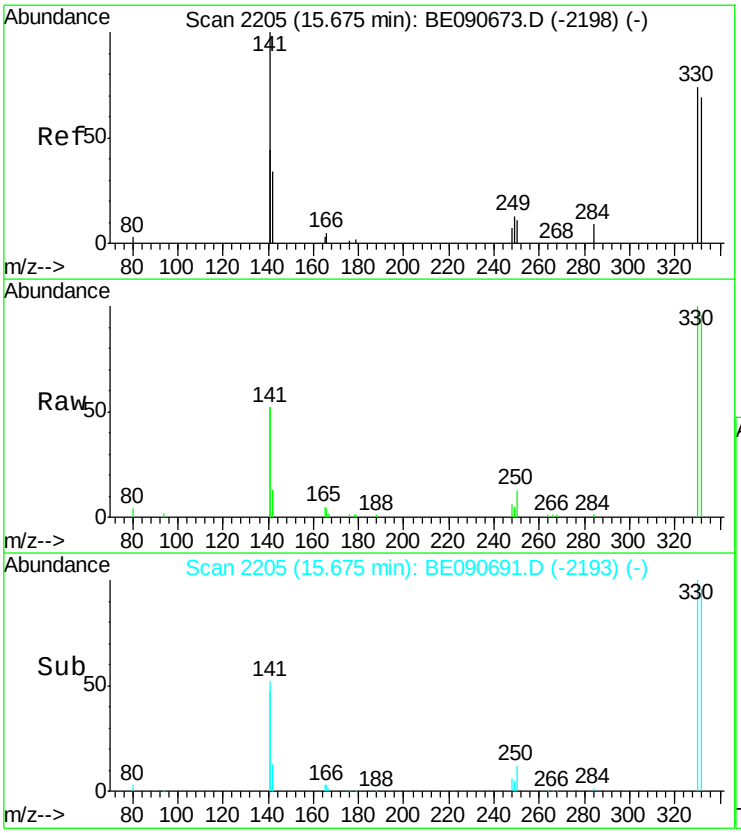
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 82337

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.8	130.2
160	65.9	53.9	80.9

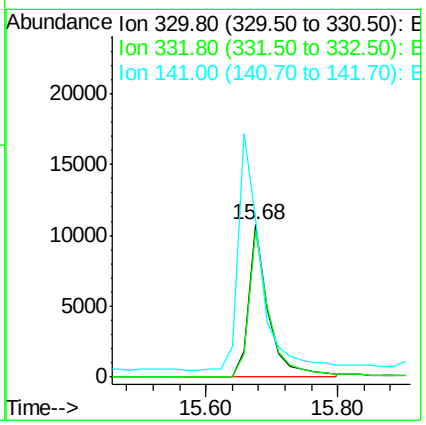


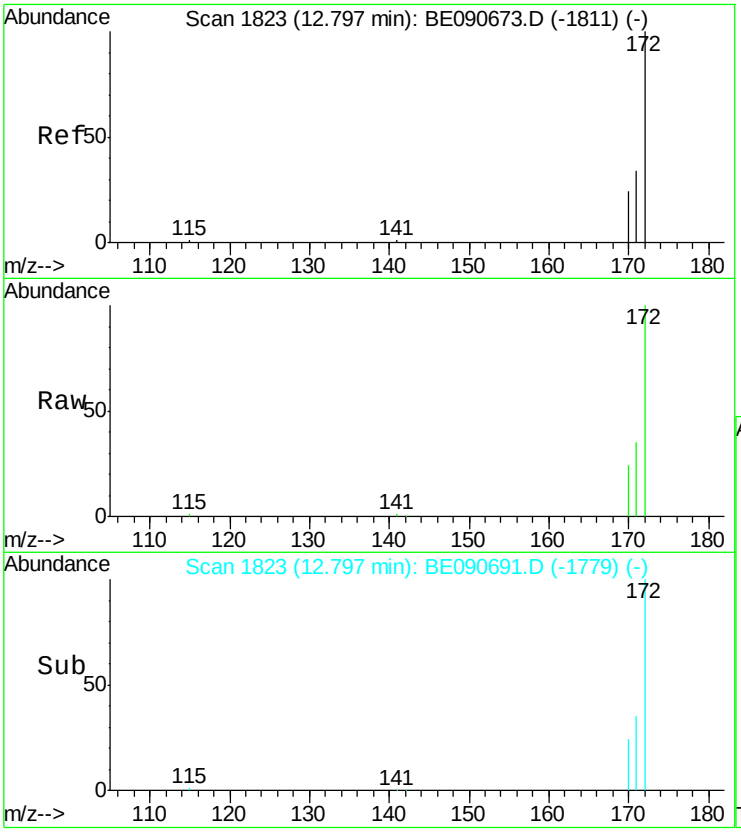


#13
2,4,6-Tribromophenol
Concen: 9.03 ng
RT: 15.68 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Tgt Ion:330 Resp: 21881

Ion	Ratio	Lower	Upper
330	100		
332	97.7	74.9	112.3
141	178.5	145.2	217.8



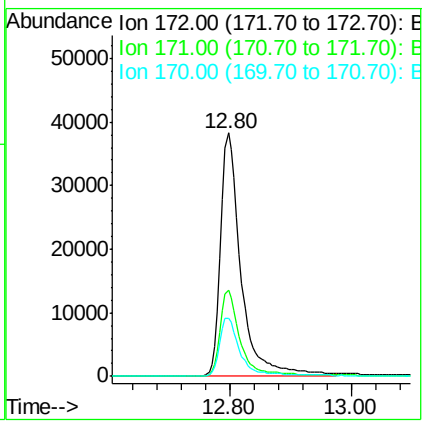


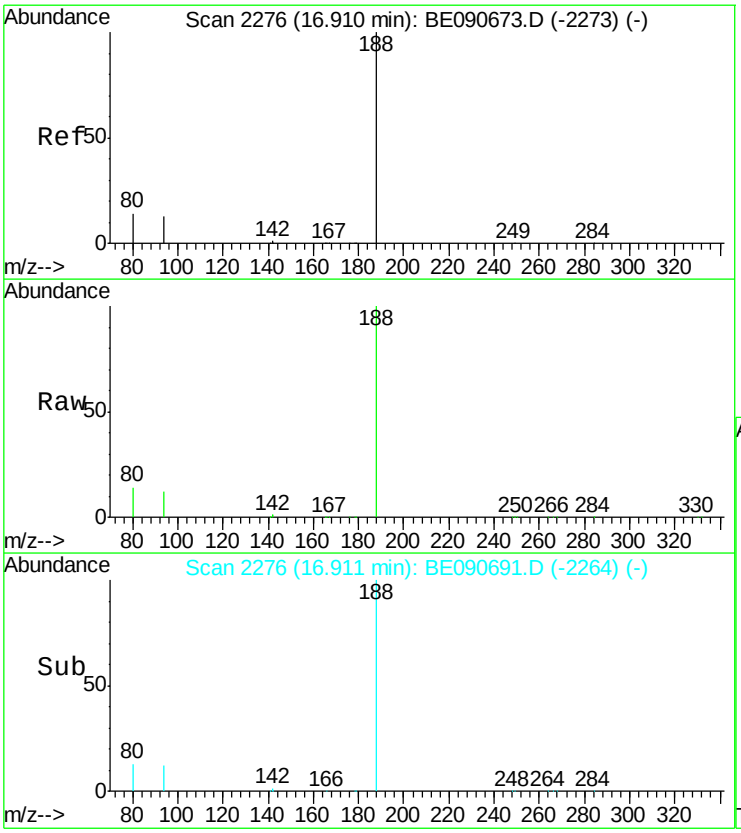
#14
2-Fluorobiphenyl
Concen: 3.93 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 89672

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	24.0	19.8	29.6

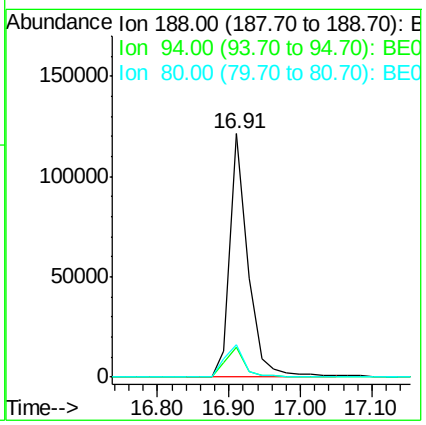


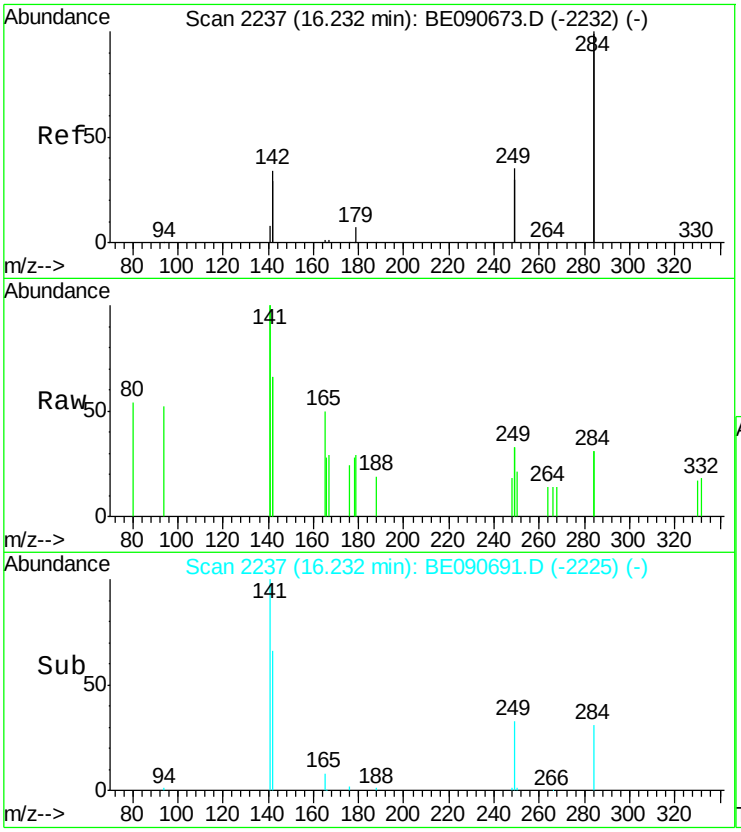


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Tgt Ion:188 Resp: 212278

Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.3	15.5
80	13.6	11.0	16.6



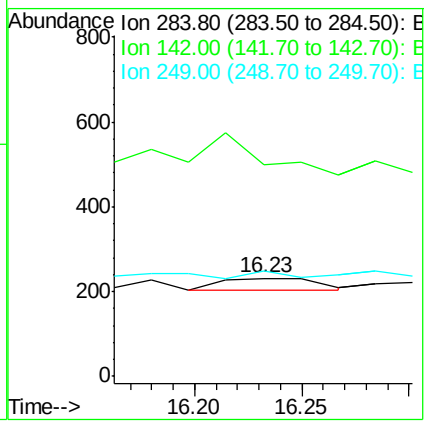


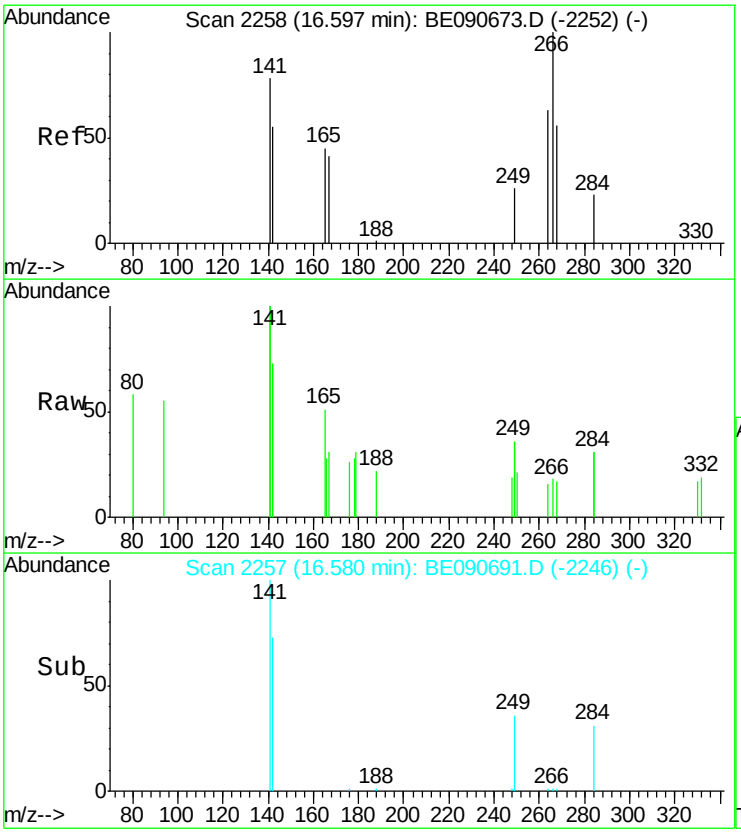
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 88

Ion	Ratio	Lower	Upper
284	100		
142	429.5	35.0	52.4#
249	22.7	25.5	38.3#

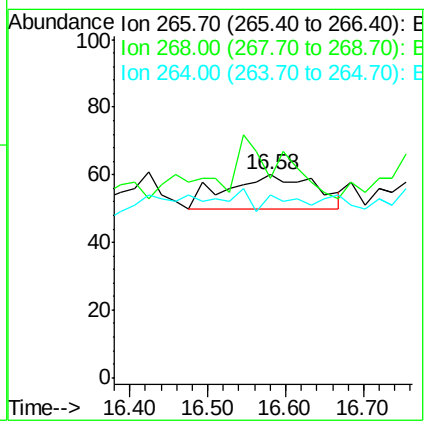


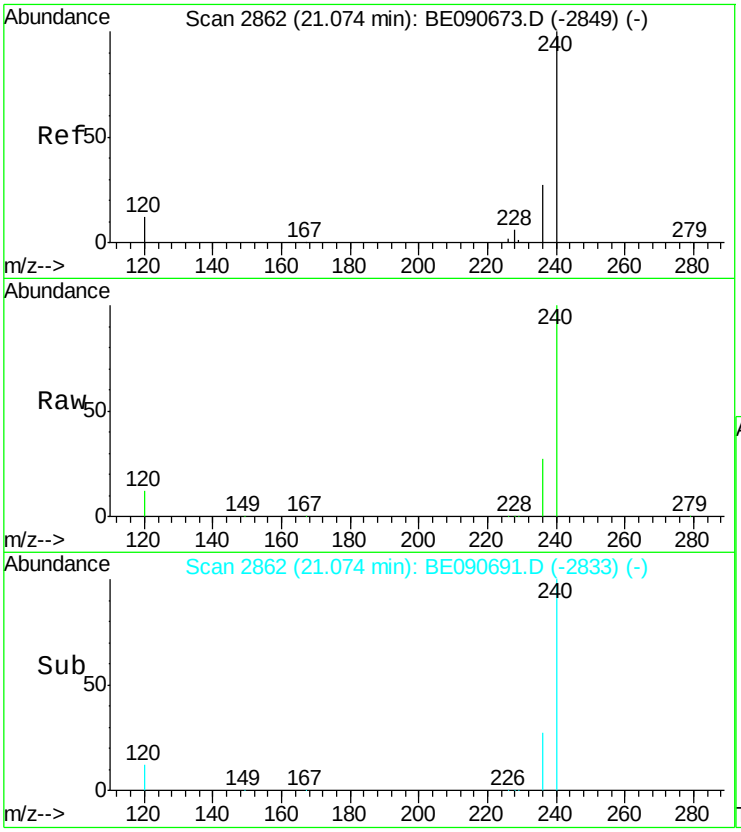


#21
Pentachlorophenol
Concen: Below Cal
RT: 16.58 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Tgt Ion:266 Resp: 80

Ion	Ratio	Lower	Upper
266	100		
268	98.3	49.6	74.4#
264	90.0	53.9	80.9#



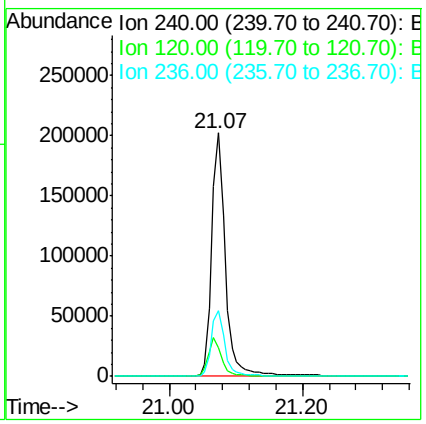


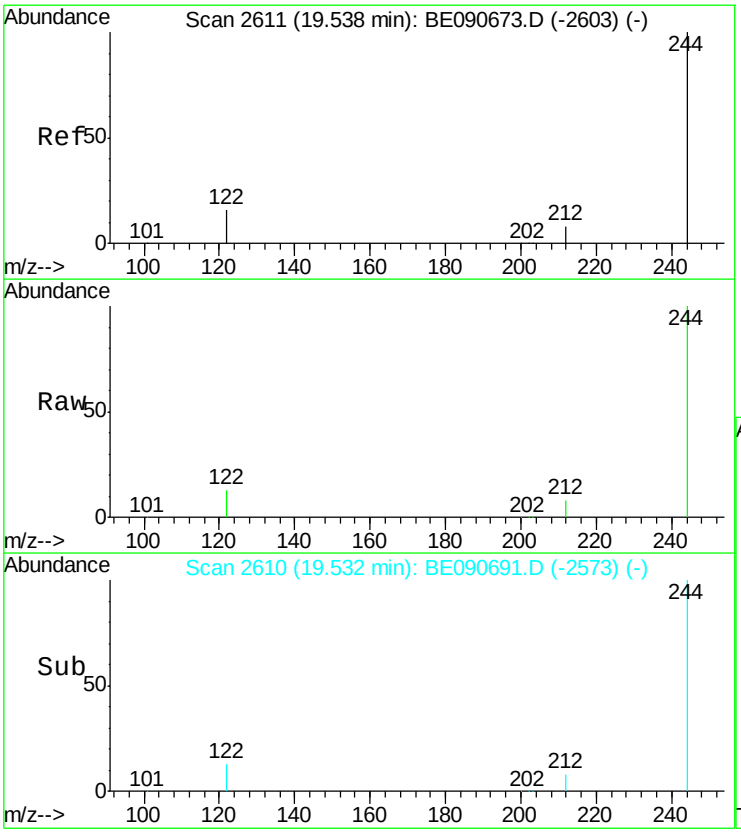
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 284613

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.1	15.1
236	26.9	21.9	32.9

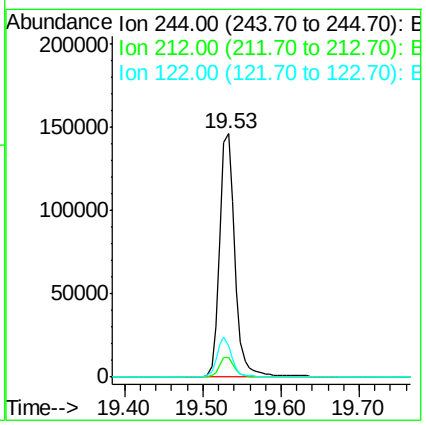


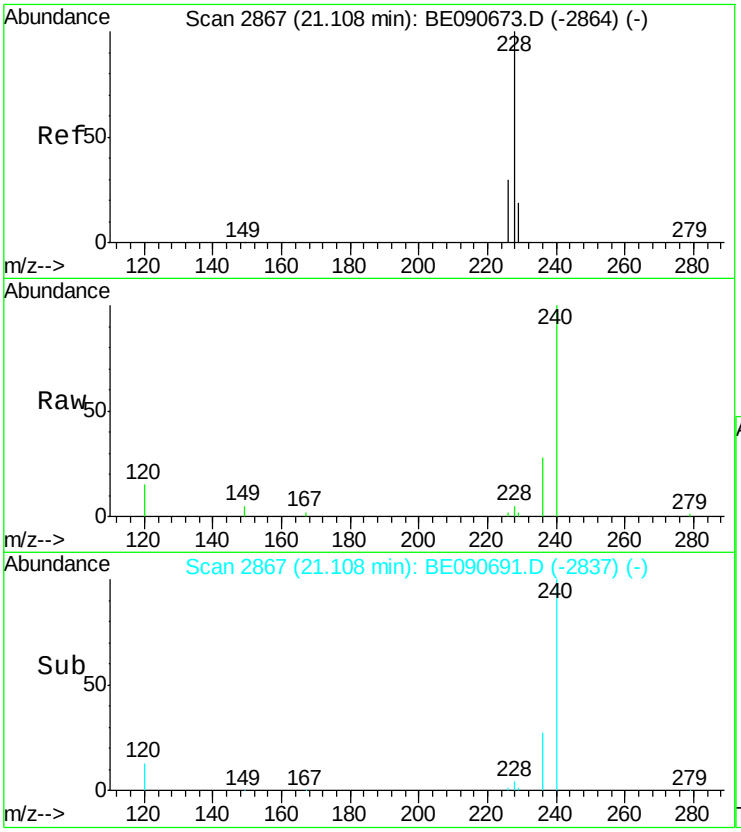


#27
Terphenyl-d14
Concen: 6.28 ng
RT: 19.53 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Tgt Ion:244 Resp: 197737

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	13.0	12.9	19.3



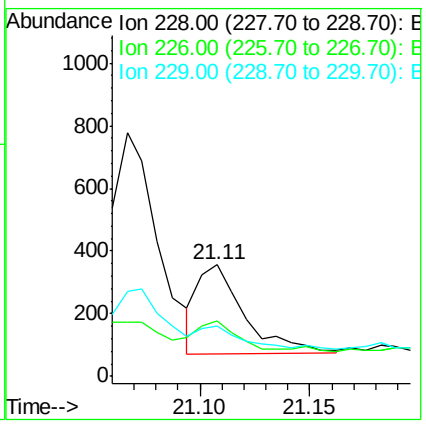


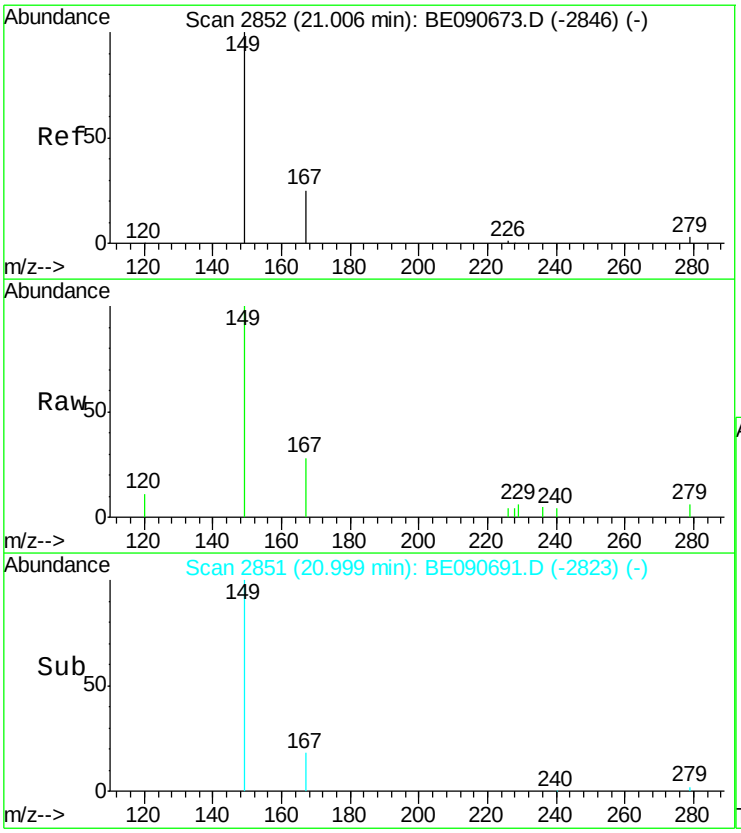
#29
Chrysene
Concen: Below Cal
RT: 21.11 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 414

Ion	Ratio	Lower	Upper
228	100		
226	49.9	24.2	36.4#
229	44.8	15.3	22.9#

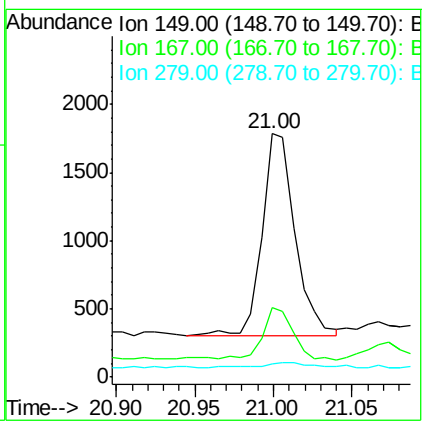


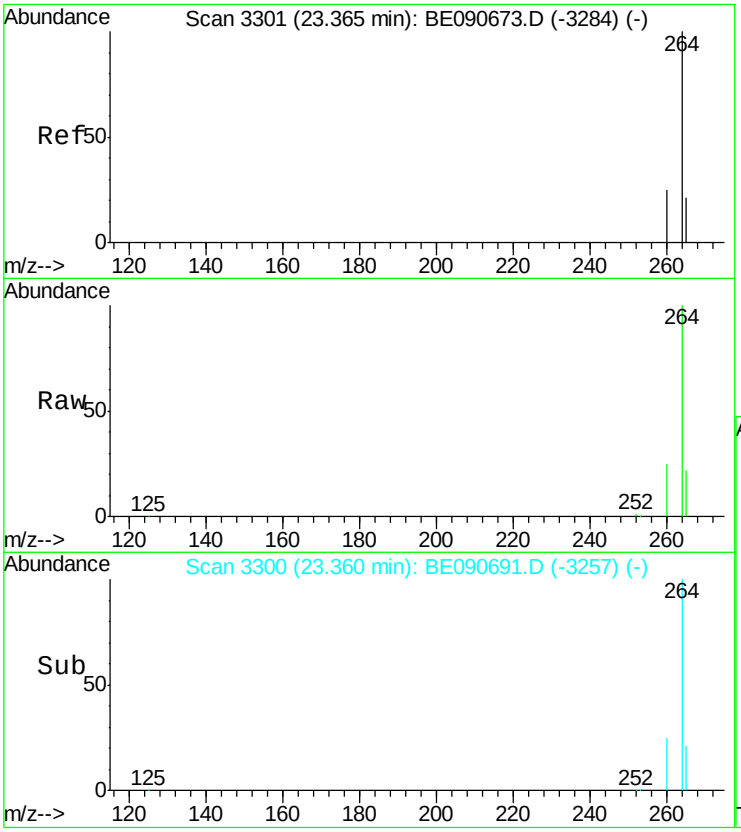


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.00 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Tgt Ion:149 Resp: 2164

Ion	Ratio	Lower	Upper
149	100		
167	23.0	20.1	30.1
279	4.5	2.3	3.5#



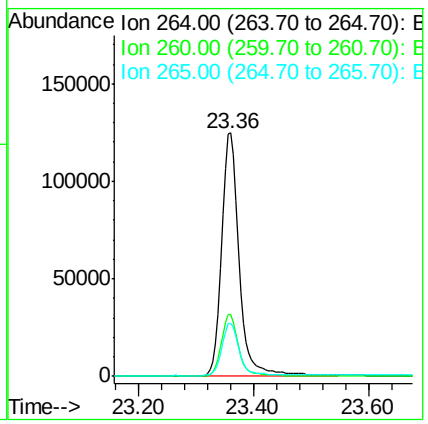


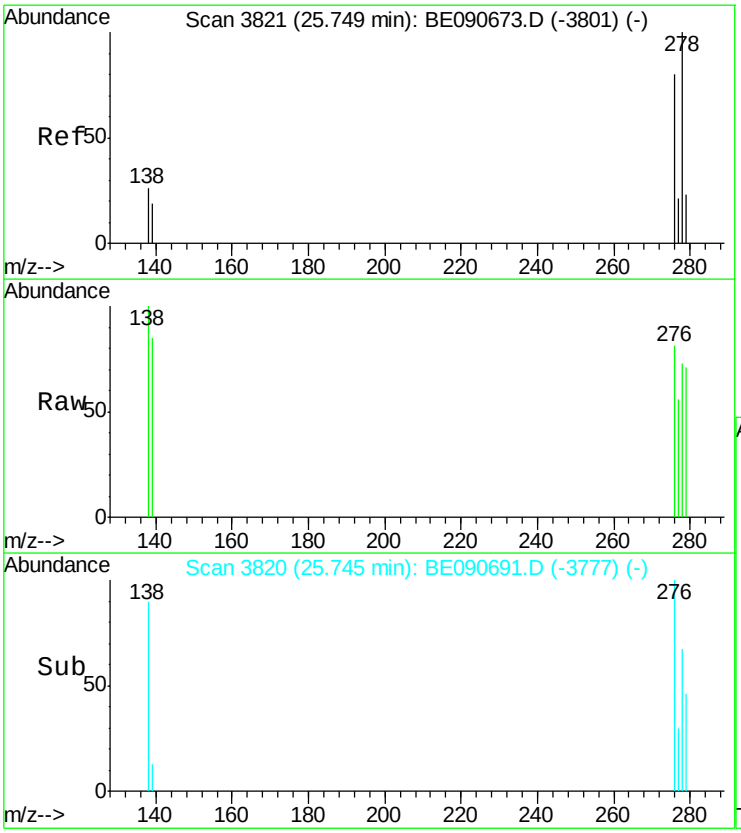
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 271623

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.8	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.75 min Scan# 3820
Delta R.T. -0.00 min
Lab File: BE090691.D
Acq: 2 Sep 2015 6:13

Tgt Ion:278 Resp: 81

Ion	Ratio	Lower	Upper
278	100		
139	117.0	15.4	23.0#
279	97.3	18.8	28.2#