Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091415\
Data File : BE090802.D
Acq On : 14 Sep 2015 16:38
Operator : UM/IZ
Sample : G3635-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091015-D534-F-D-M

Quant Time: Sep 14 17:31:03 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 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	39715	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	170904	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	93413	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	253503	5.00	ng	0.00
25) Chrysene-d12	21.07	240	337585	5.00	ng	0.00
32) Perylene-d12	23.36	264	301367	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	18489	2.40	ng	0.00
5) Phenol-d6	6.75	99	16141	1.46	ng	0.00
7) Nitrobenzene-d5	8.71	82	31353	2.78	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	11271	4.19	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	74442	2.88	ng	0.00
27) Terphenyl-d14	19.53	244	155569	4.17	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	26	Below Cal	#	16
3) n-Nitrosodimethylamine	3.43	42	62	Below Cal	#	50
8) Nitrobenzene	8.77	77	32	0.11	ng #	74
20) Hexachlorobenzene	16.23	284	23	Below Cal	#	37
21) Pentachlorophenol	16.65	266	20	0.46	ng #	63
29) Chrysene	21.07	228	1283	Below Cal	#	71
30) Bis(2-ethylhexyl)phthalate	21.00	149	1448	0.14	ng #	98
35) Benzo(a)pyrene	23.35	252	1241	0.02	ng #	37
36) Dibenzo(a,h)anthracene	25.74	278	15	0.14	ng #	1

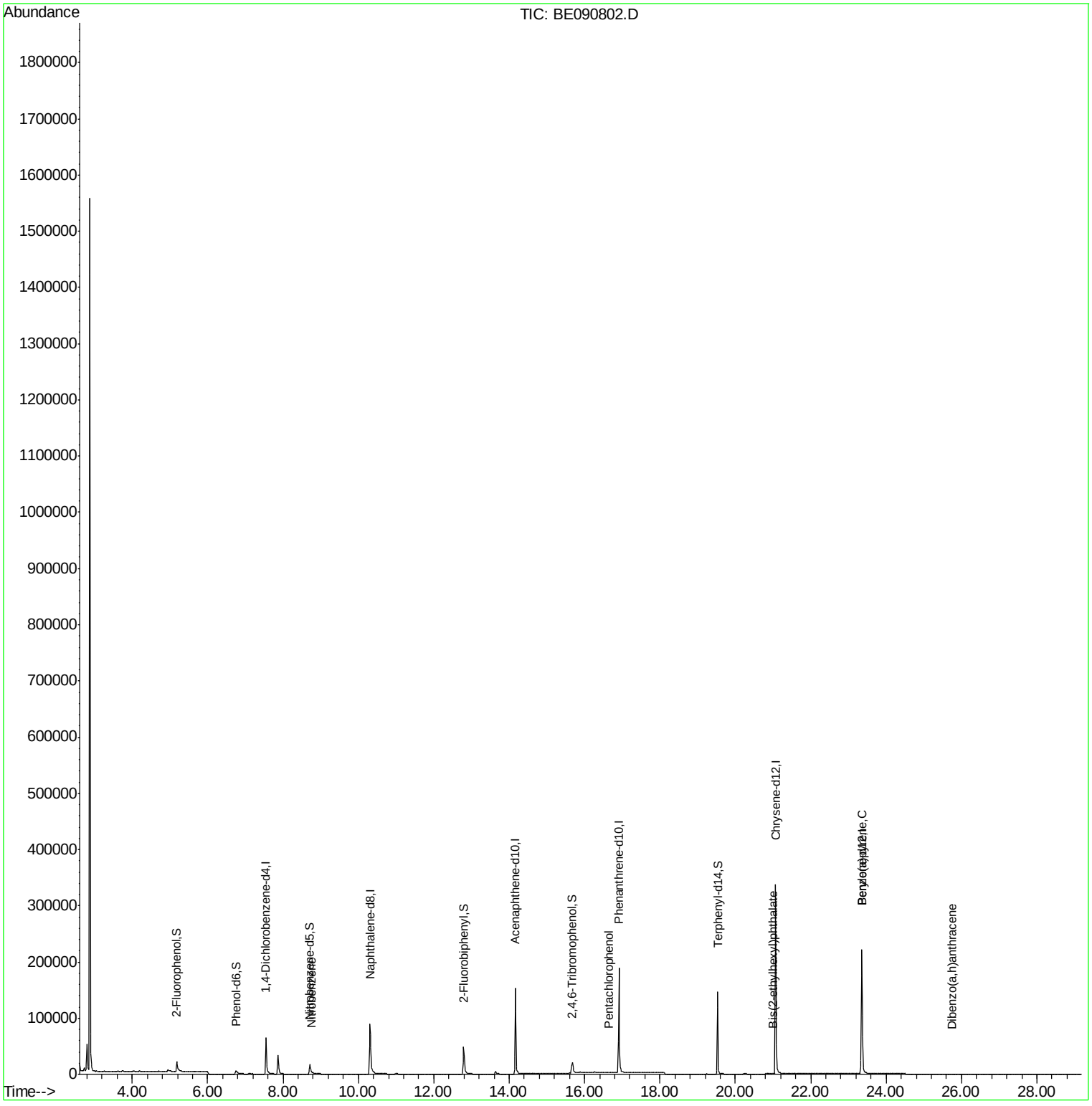
(#) = qualifier out of range (m) = manual integration (+) = signals summed

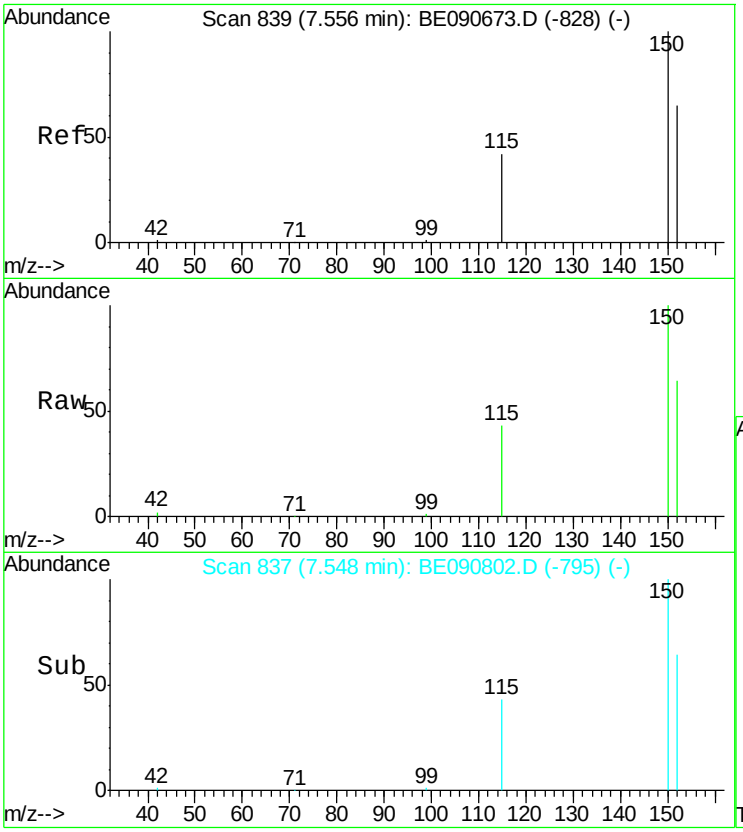
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091415\
Data File : BE090802.D
Acq On : 14 Sep 2015 16:38
Operator : UM/IZ
Sample : G3635-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Quant Time: Sep 14 17:31:03 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 11:40:50 2015
Response via : Initial Calibration



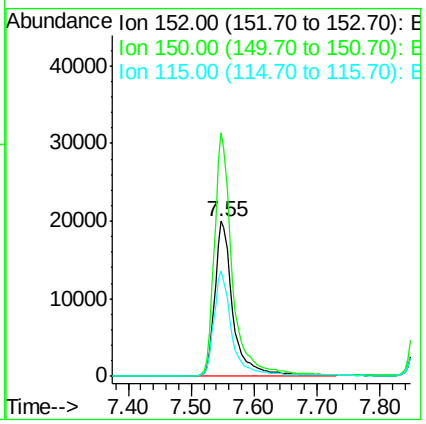


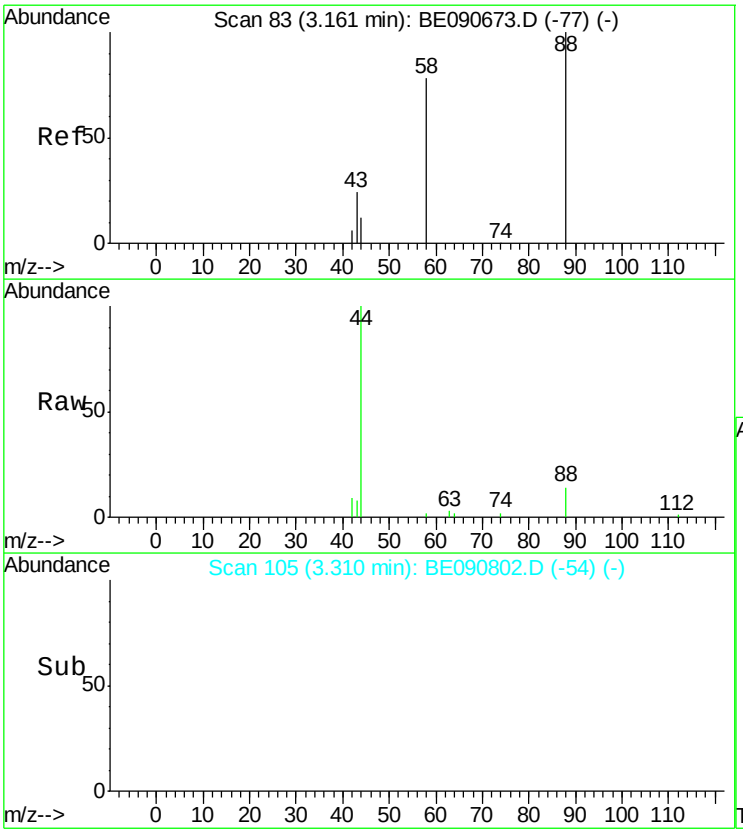
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Tgt Ion:152 Resp: 39715

Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.2	183.4
115	68.3	51.0	76.4

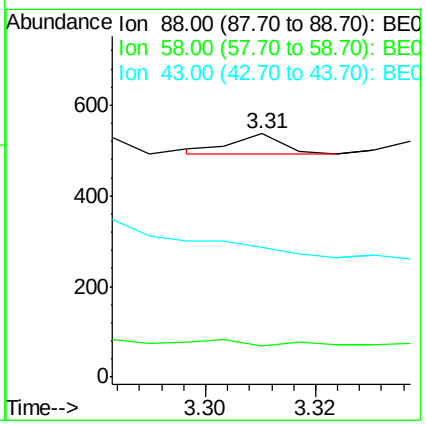


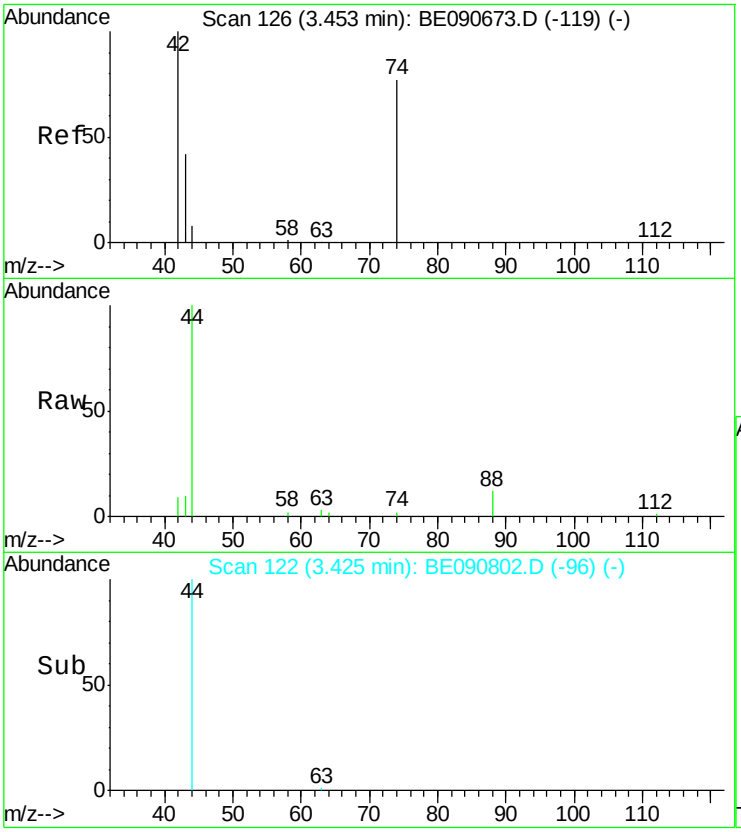


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.31 min Scan# 105
Delta R.T. 0.15 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.4	102.6#
43	0.0	26.9	40.3#



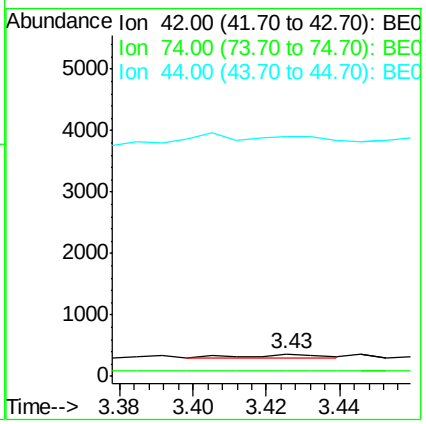


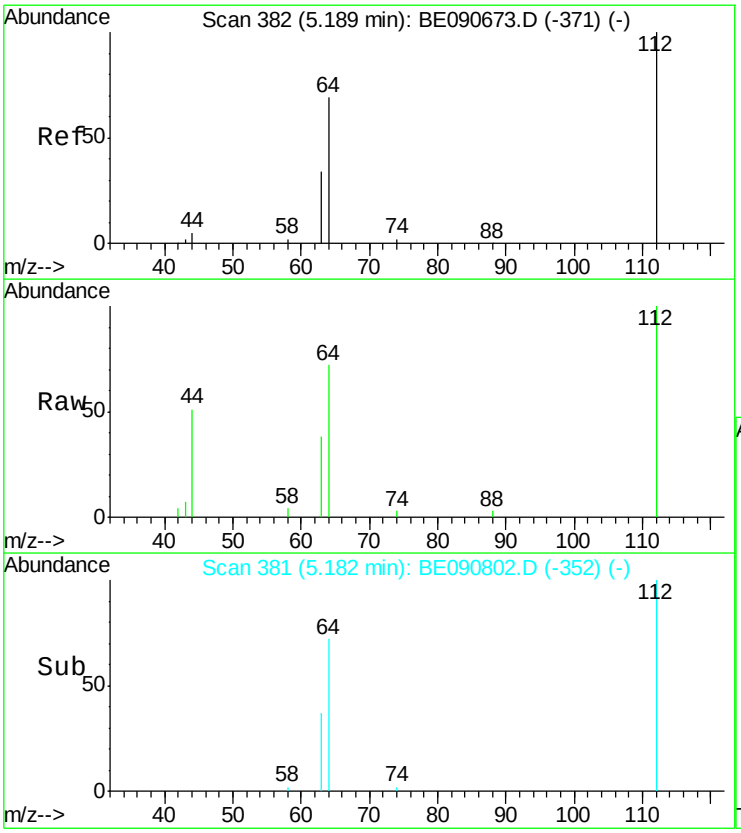
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.43 min Scan# 122
Delta R.T. -0.03 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Tgt Ion: 42 Resp: 62

Ion	Ratio	Lower	Upper
42	100		
74	51.6	83.7	125.5#
44	0.0	10.0	15.0#

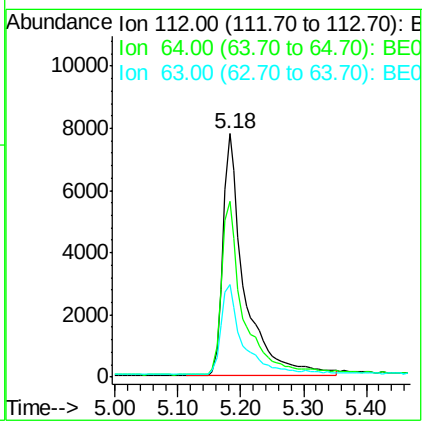


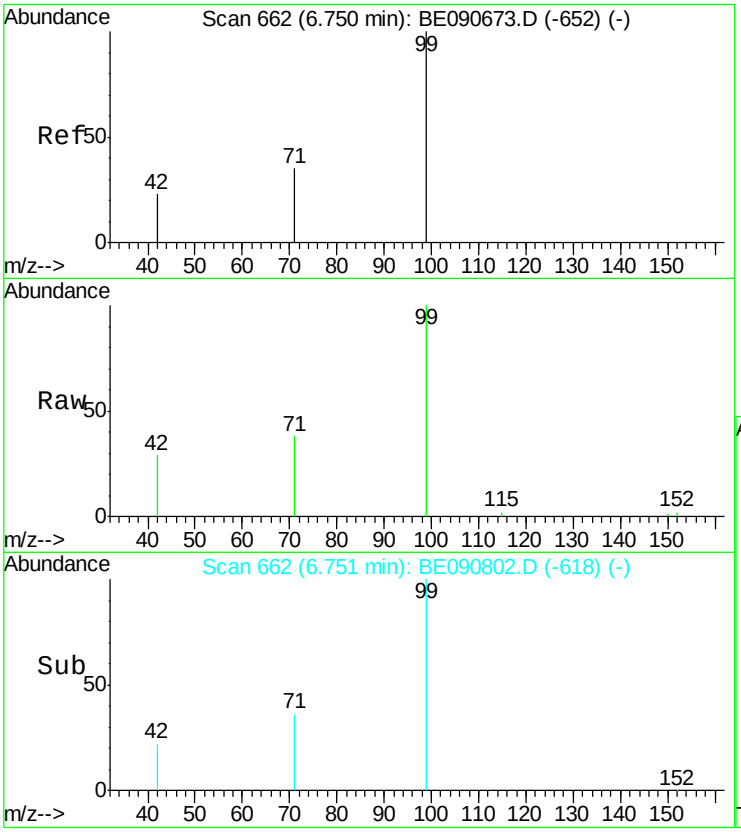


#4
2-Fluorophenol
Concen: 2.40 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Tgt Ion:112 Resp: 18489

Ion	Ratio	Lower	Upper
112	100		
64	72.3	57.3	85.9
63	38.2	29.2	43.8



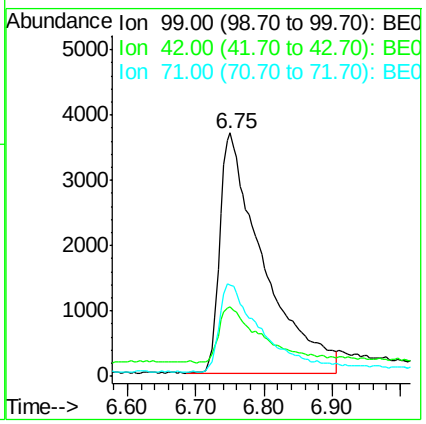


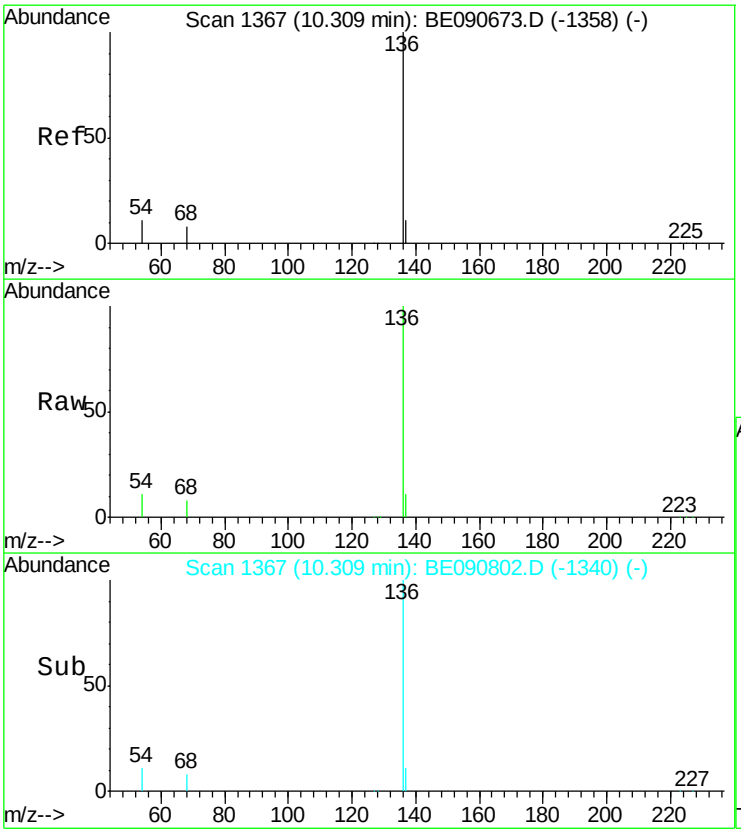
#5
Phenol-d6
Concen: 1.46 ng
RT: 6.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Tgt Ion: 99 Resp: 16141

Ion	Ratio	Lower	Upper
99	100		
42	23.6	16.8	25.2
71	37.2	28.3	42.5

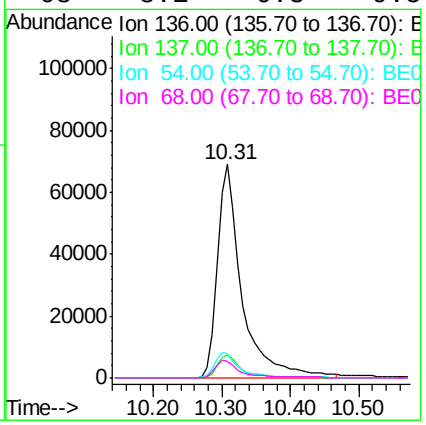


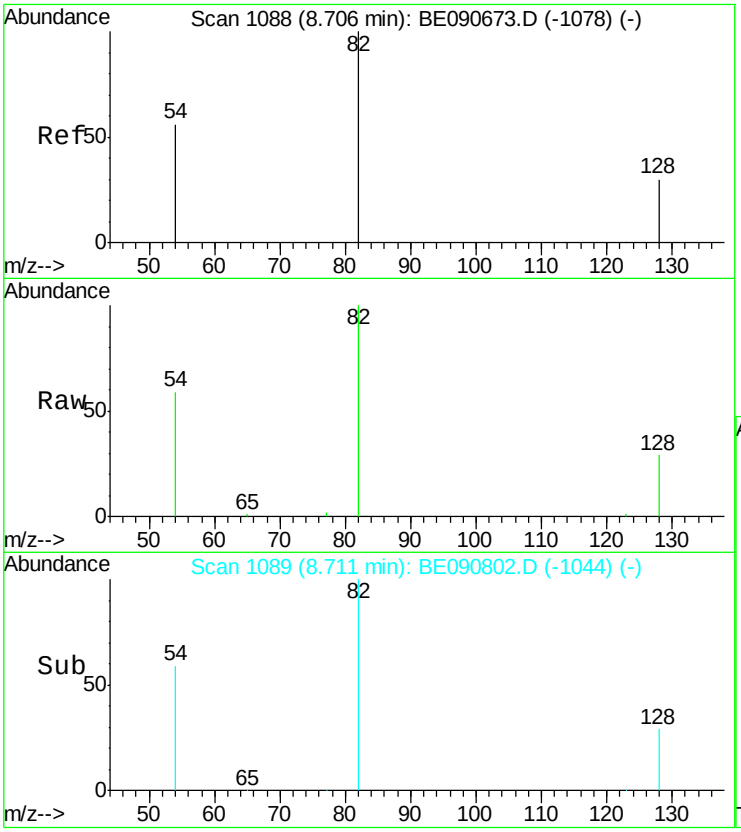


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Tgt Ion:136 Resp: 170904

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.1	9.0	13.6
68	8.1	6.3	9.5



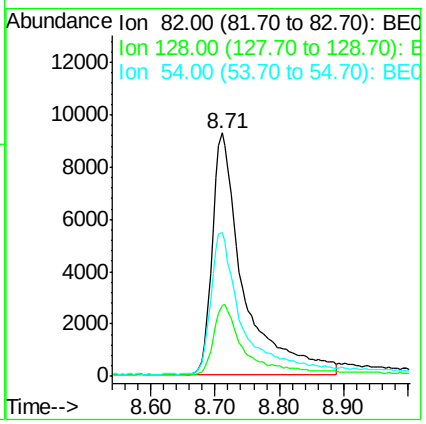


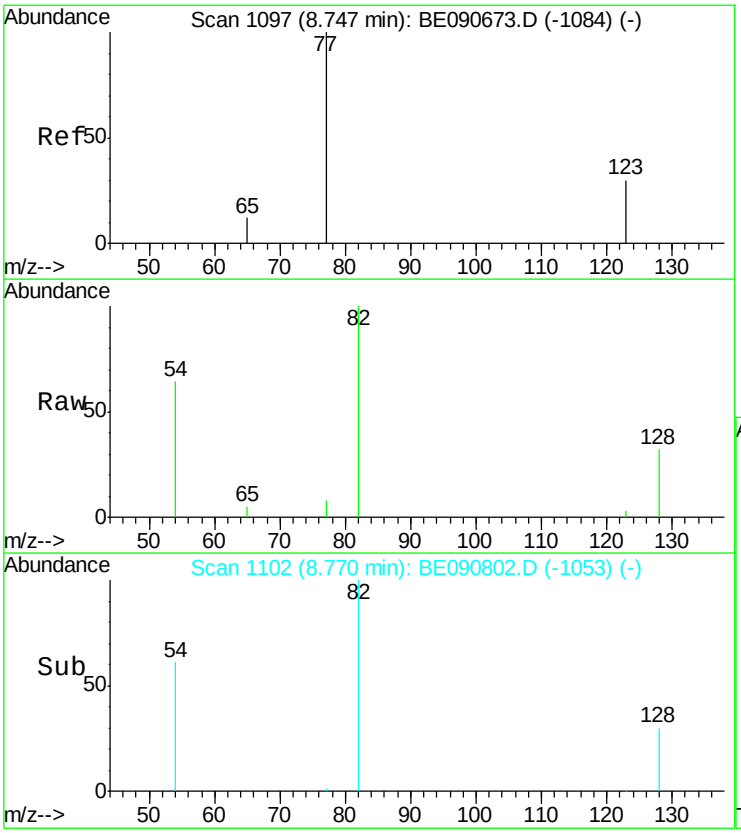
#7
Nitrobenzene-d5
Concen: 2.78 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Tgt Ion: 82 Resp: 31353

Ion	Ratio	Lower	Upper
82	100		
128	28.9	25.0	37.4
54	59.3	46.3	69.5

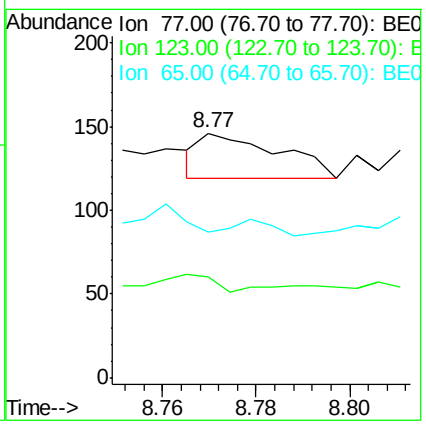


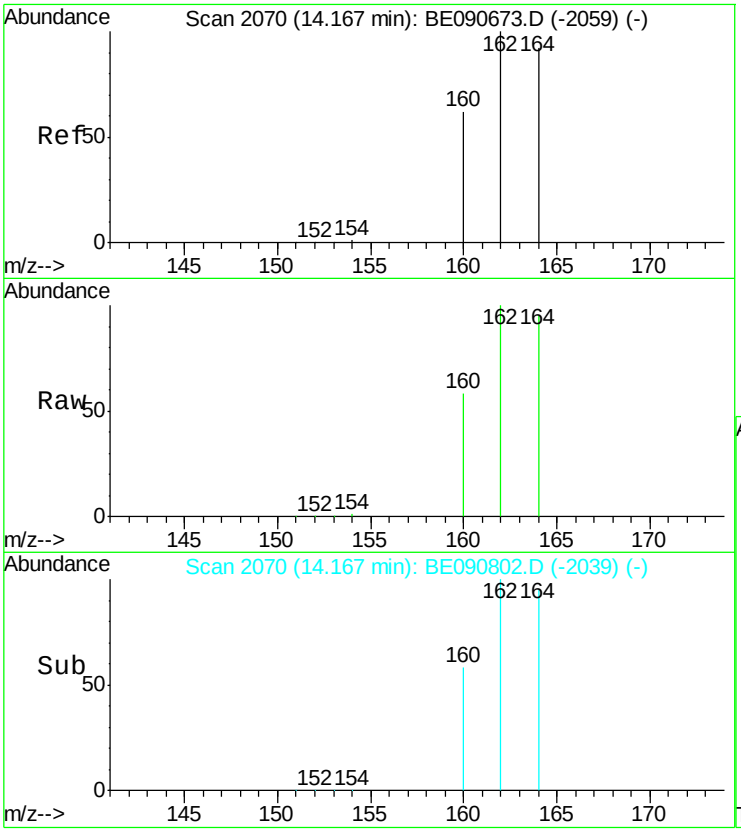


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.02 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Tgt Ion: 77 Resp: 32

Ion	Ratio	Lower	Upper
77	100		
123	21.9	25.1	37.7#
65	31.3	9.9	14.9#



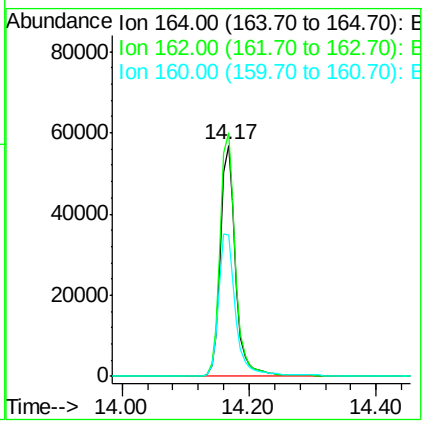


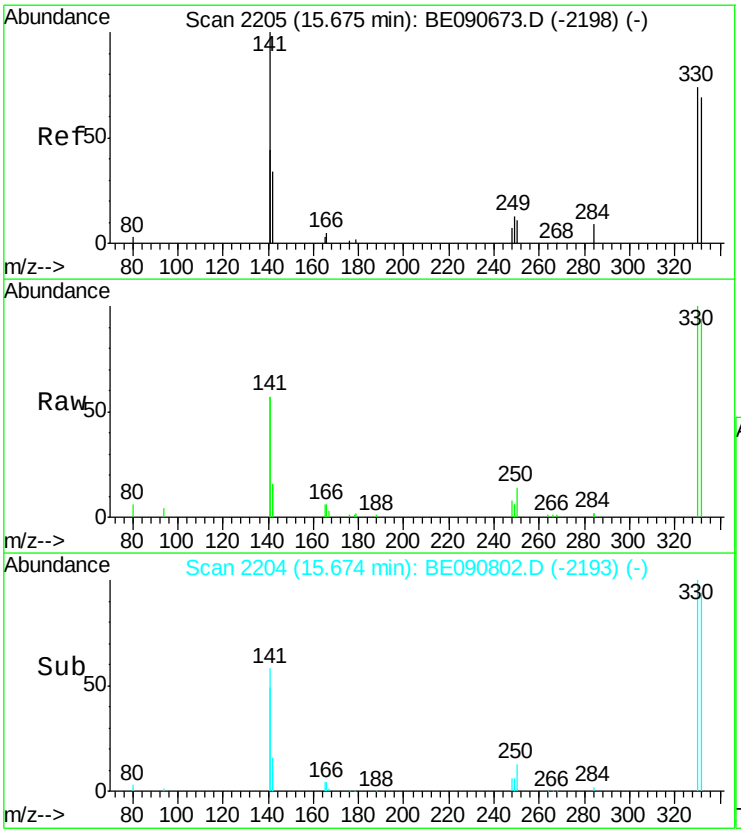
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Tgt Ion:164 Resp: 93413

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.8	130.2
160	61.1	53.9	80.9

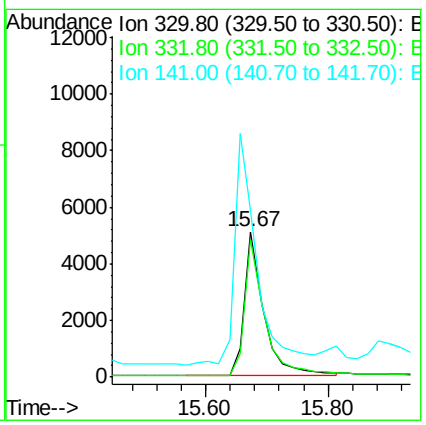


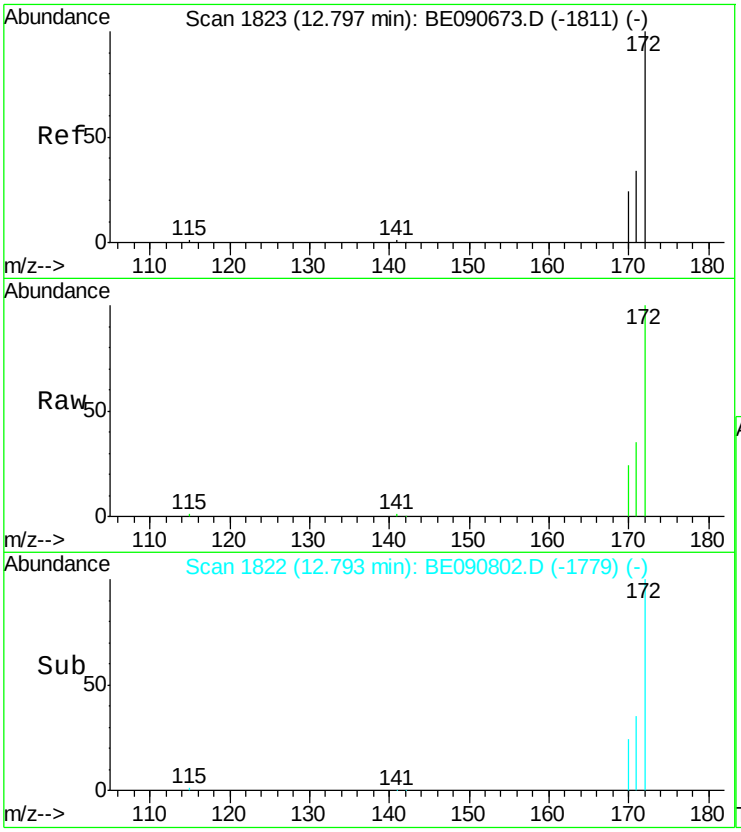


#13
2,4,6-Tribromophenol
Concen: 4.19 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Tgt Ion:330 Resp: 11271

Ion	Ratio	Lower	Upper
330	100		
332	96.5	74.9	112.3
141	183.3	145.2	217.8



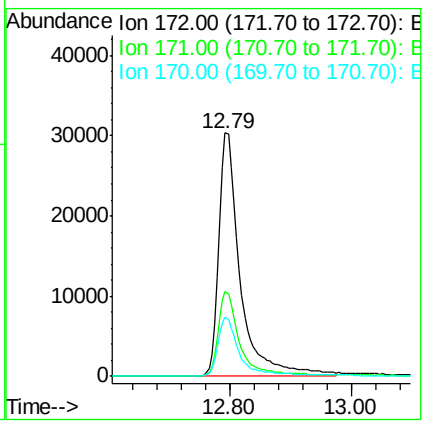


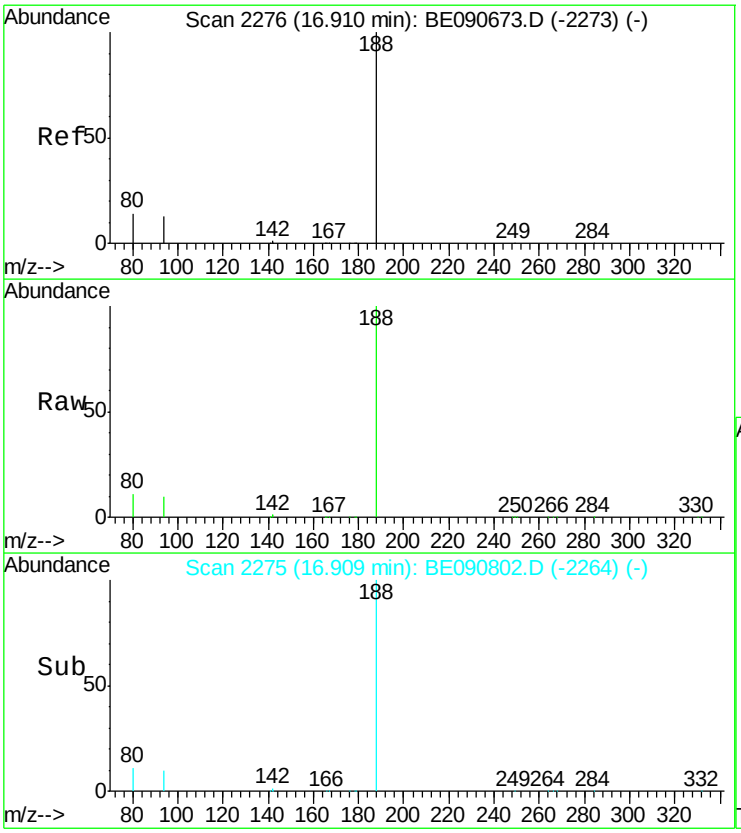
#14
2-Fluorobiphenyl
Concen: 2.88 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Tgt Ion:172 Resp: 74442

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	24.1	19.8	29.6

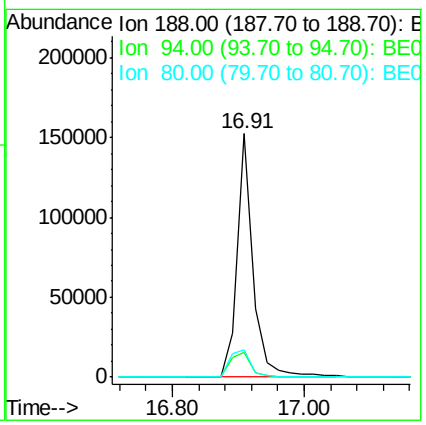


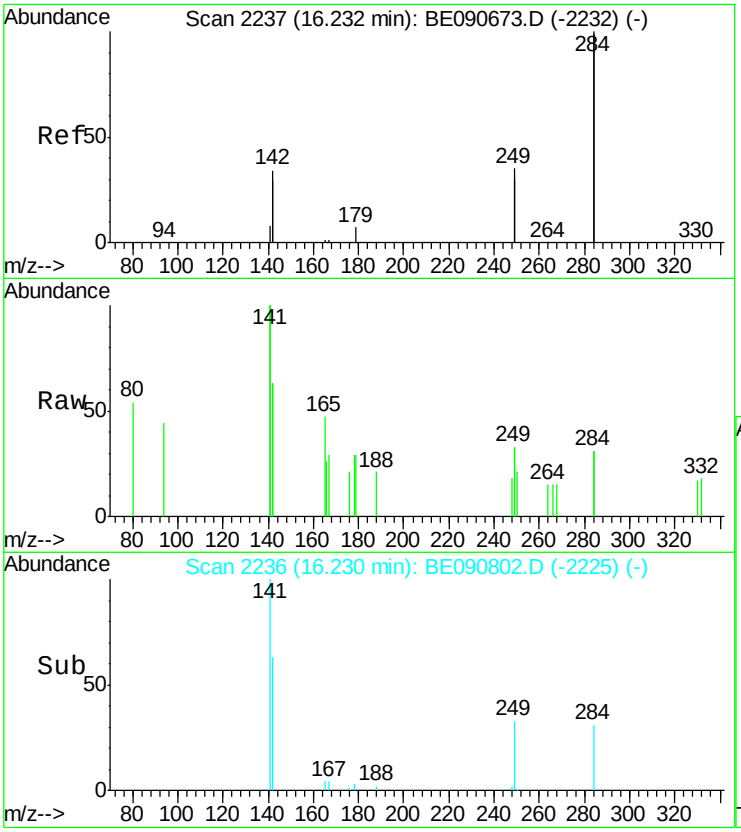


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Tgt Ion:188 Resp: 253503

Ion	Ratio	Lower	Upper
188	100		
94	10.3	10.3	15.5#
80	11.2	11.0	16.6



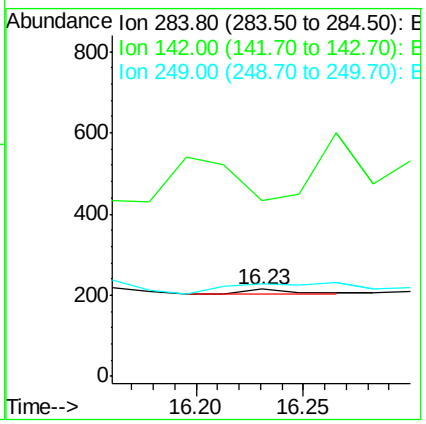


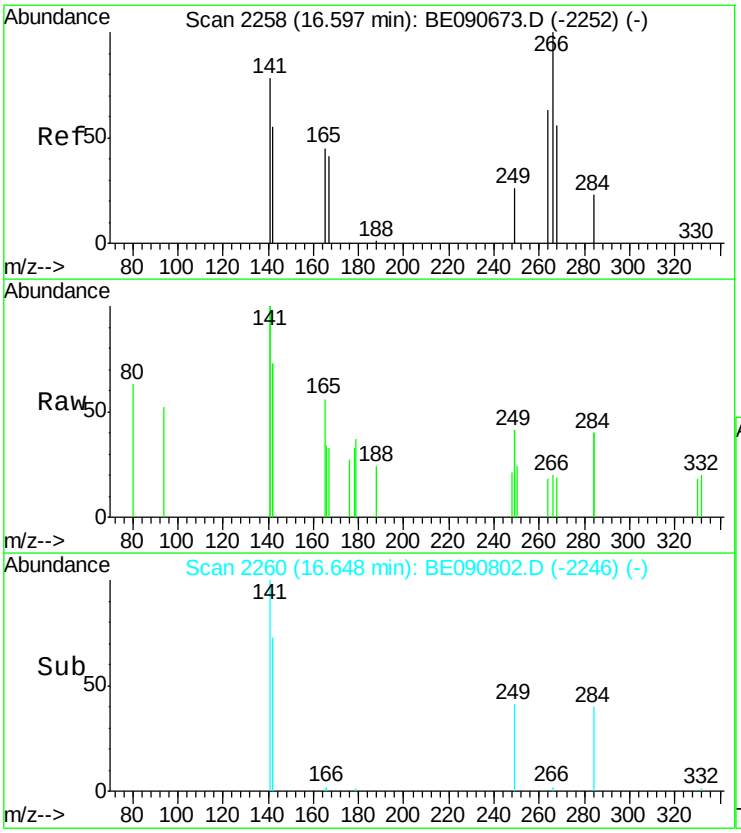
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Tgt Ion:284 Resp: 23

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	0.0	25.5	38.3#

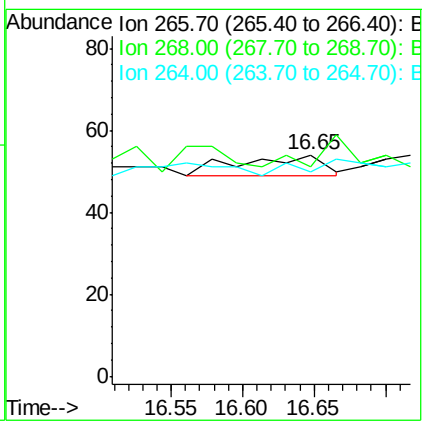


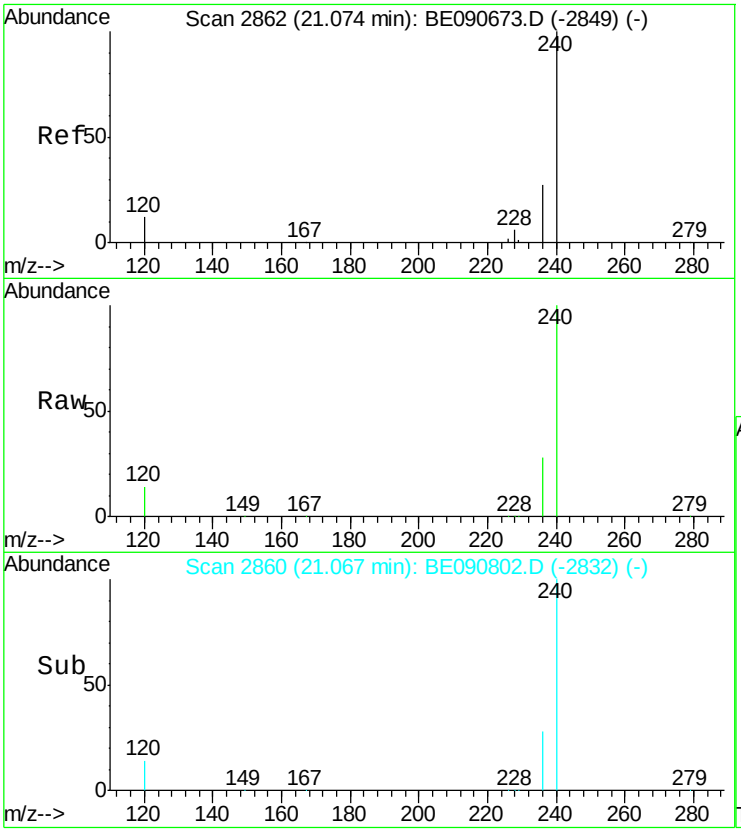


#21
Pentachlorophenol
Concen: 0.46 ng
RT: 16.65 min Scan# 2260
Delta R.T. 0.05 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Tgt Ion:266 Resp: 20

Ion	Ratio	Lower	Upper
266	100		
268	94.4	49.6	74.4#
264	92.6	53.9	80.9#



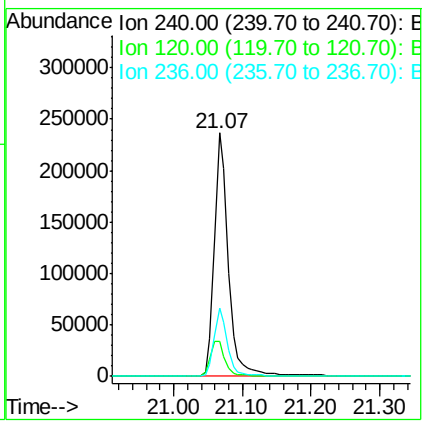


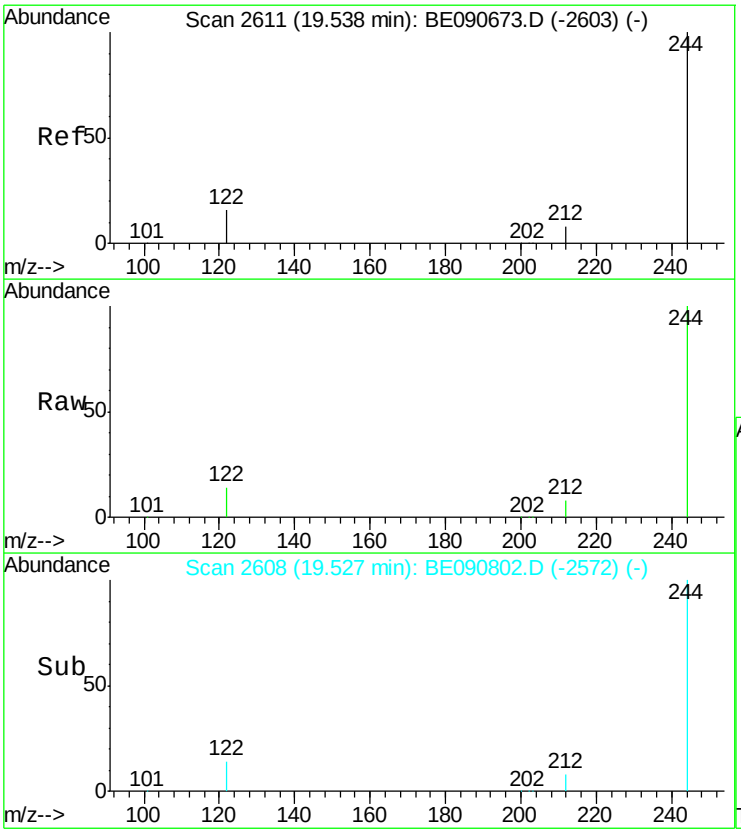
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Tgt Ion:240 Resp: 337585

Ion	Ratio	Lower	Upper
240	100		
120	14.2	10.1	15.1
236	27.8	21.9	32.9

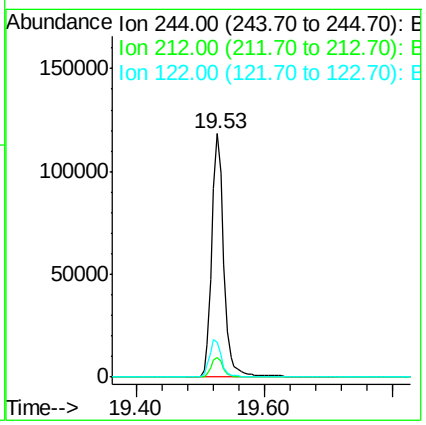


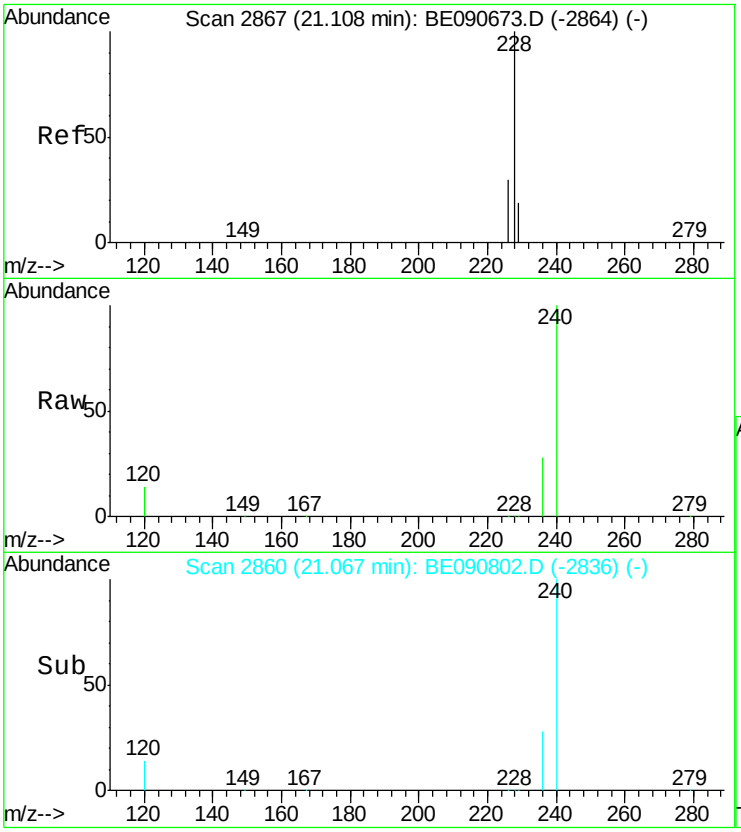


#27
Terphenyl-d14
Concen: 4.17 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Tgt Ion:244 Resp: 155569

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



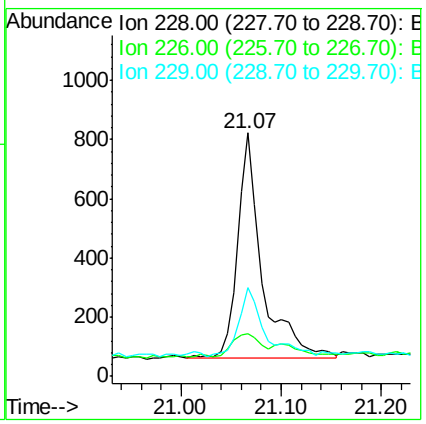


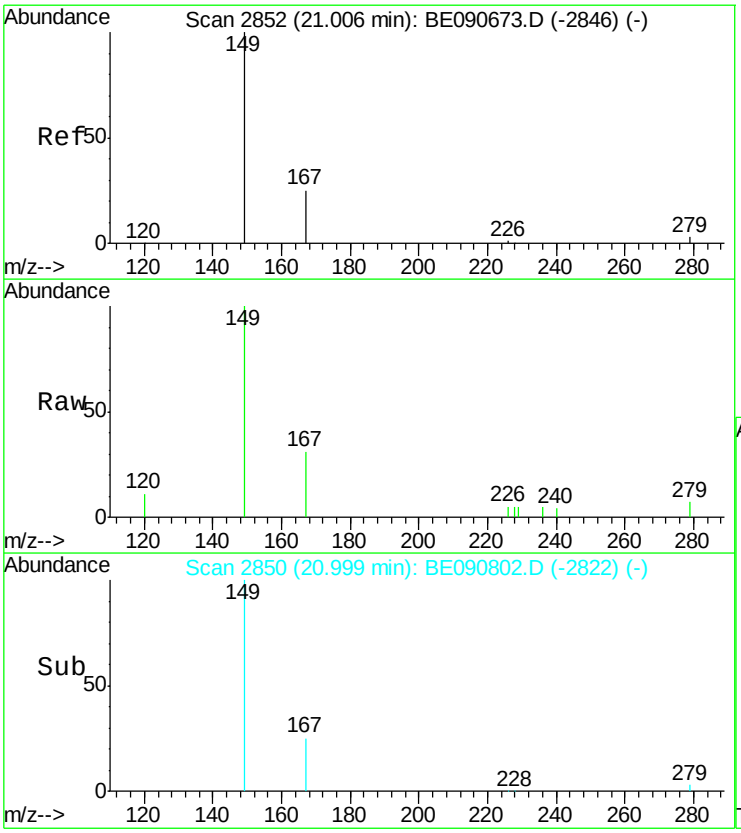
#29
Chrysene
Concen: Below Cal
RT: 21.07 min Scan# 2860
Delta R.T. -0.04 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Tgt Ion:228 Resp: 1283

Ion	Ratio	Lower	Upper
228	100		
226	17.6	24.2	36.4#
229	36.2	15.3	22.9#

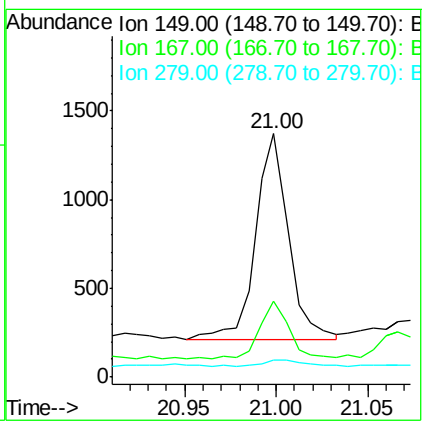


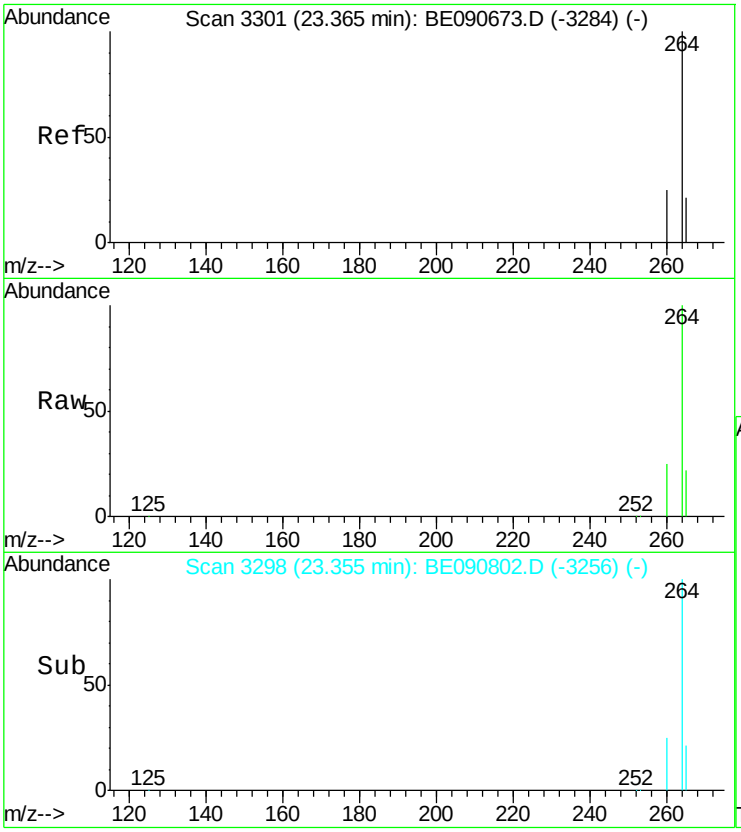


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Tgt Ion:149 Resp: 1448

Ion	Ratio	Lower	Upper
149	100		
167	24.4	20.1	30.1
279	4.3	2.3	3.5#



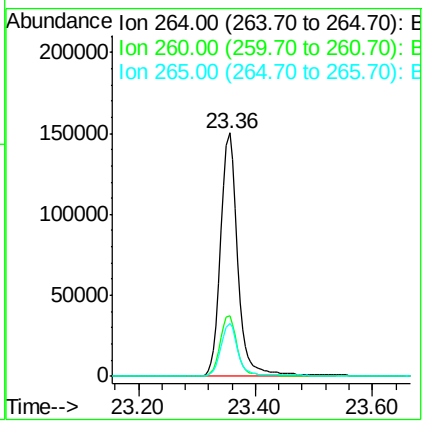


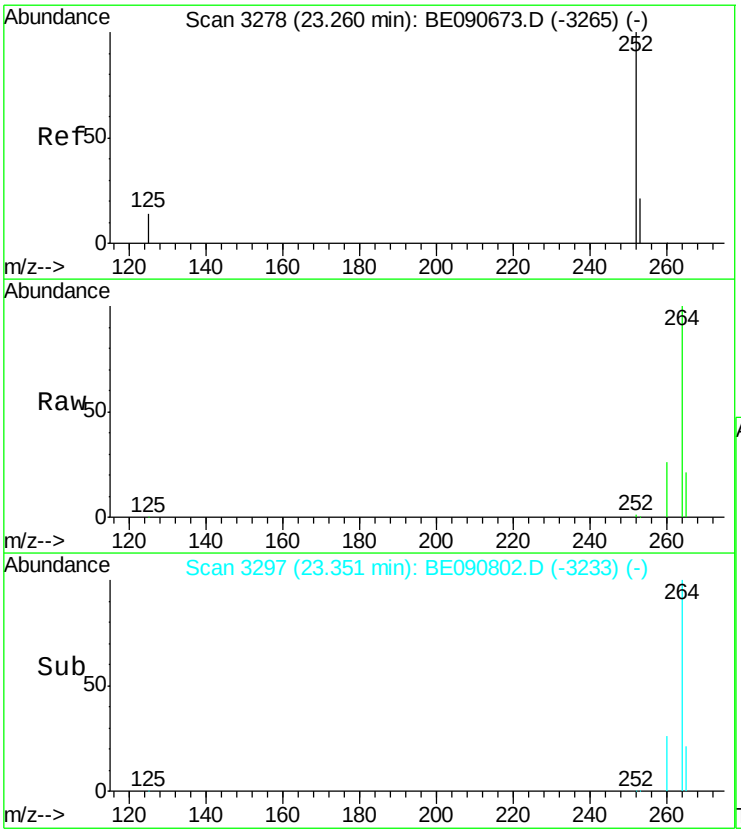
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Tgt Ion:264 Resp: 301367

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.5	17.5	26.3

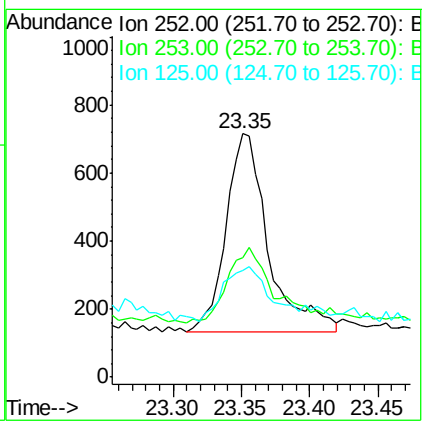


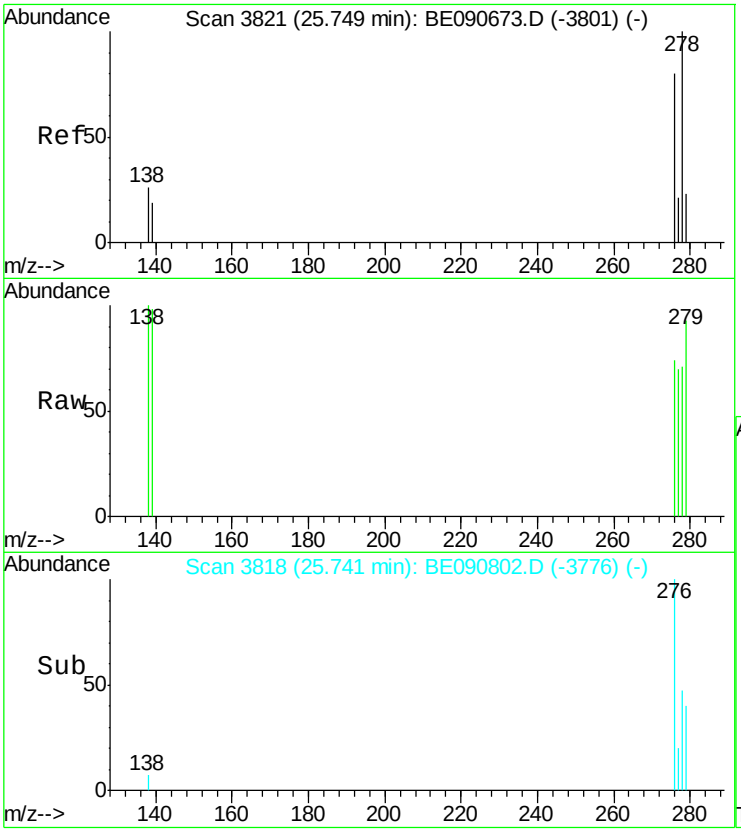


#35
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.35 min Scan# 3297
Delta R.T. 0.09 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Tgt Ion:252 Resp: 1241

Ion	Ratio	Lower	Upper
252	100		
253	49.2	17.5	26.3#
125	43.9	11.6	17.4#





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090802.D
Acq: 14 Sep 2015 16:38

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-M

Tgt Ion:278 Resp: 15

Ion	Ratio	Lower	Upper
278	100		
139	137.5	15.4	23.0#
279	131.3	18.8	28.2#