Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
Data File : BE090741.D
Acq On : 4 Sep 2015 22:06
Operator : UM/IZ
Sample : G3562-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 090315-D534-F-D-S

Quant Time: Sep 07 01:02:12 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	38376	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	164913	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	92823	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	235287	5.00	ng		0.00
25) Chrysene-d12	21.07	240	294192	5.00	ng		0.00
32) Perylene-d12	23.36	264	274073	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	31815	4.26	ng		0.00
5) Phenol-d6	6.75	99	23222	2.17	ng		0.00
7) Nitrobenzene-d5	8.71	82	46942	4.31	ng		0.00
13) 2,4,6-Tribromophenol	15.68	330	28847	10.54	ng		0.00
14) 2-Fluorobiphenyl	12.80	172	102050	3.97	ng		0.00
27) Terphenyl-d14	19.53	244	196814	6.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	69	Below Cal		#	16
3) n-Nitrosodimethylamine	3.47	42	45	Below Cal		#	1
8) Nitrobenzene	8.77	77	13	0.11	ng	#	80
20) Hexachlorobenzene	16.20	284	78	Below Cal		#	61
21) Pentachlorophenol	16.53	266	17	0.46	ng	#	53
29) Chrysene	21.11	228	746	Below Cal		#	74
30) Bis(2-ethylhexyl)phthalate	21.00	149	2352	0.20	ng		95
36) Dibenzo(a,h)anthracene	25.74	278	151	0.14	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
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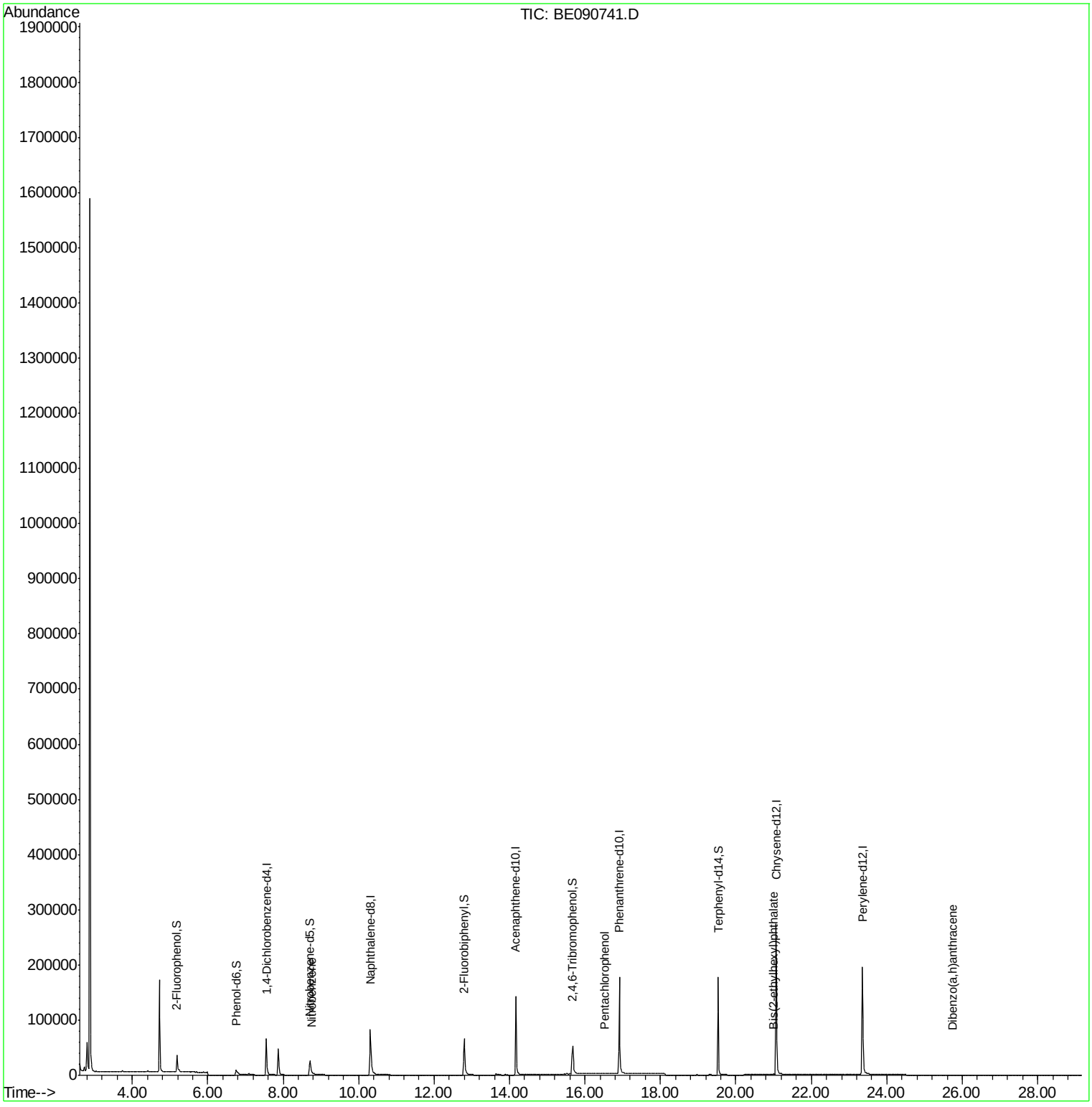
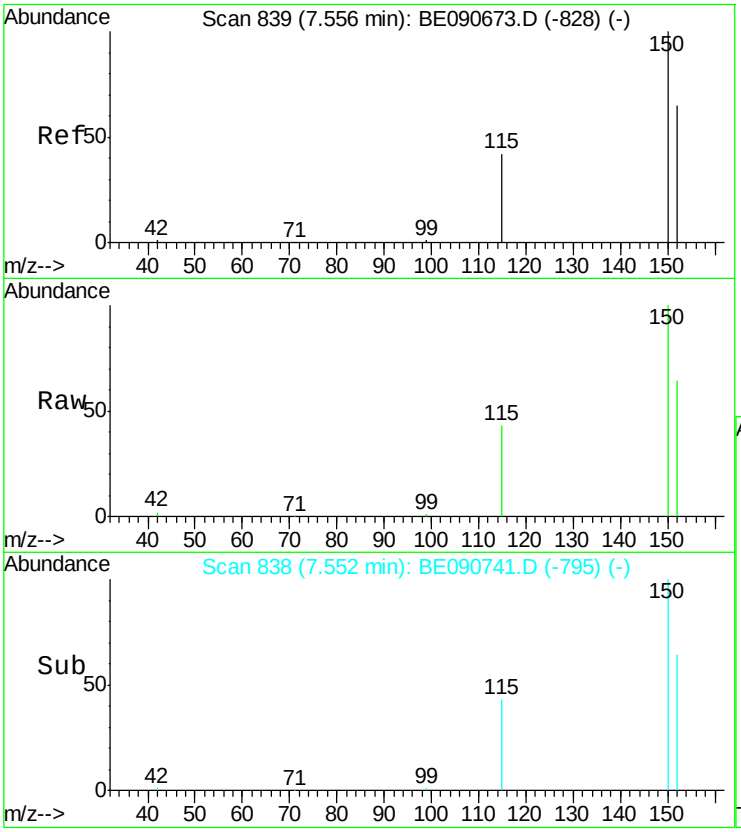
Acq On : 4 Sep 2015 22:06
Operator : UM/IZ
Sample : G3562-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Quant Time: Sep 07 01:02:12 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



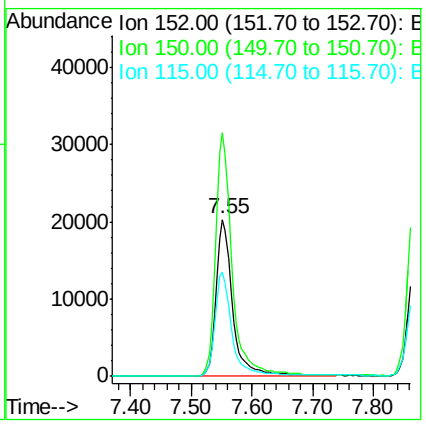


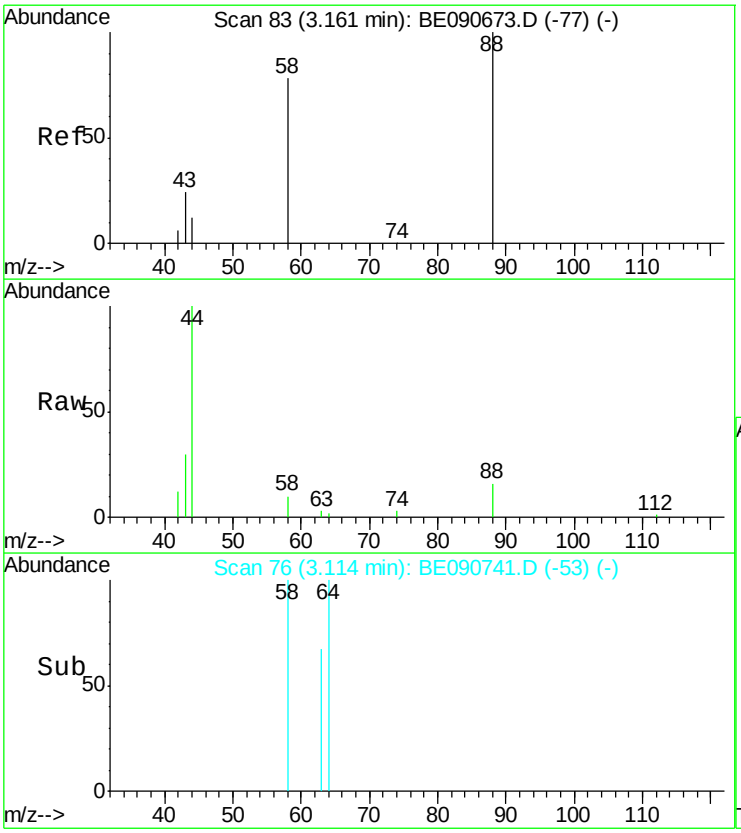
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion:152 Resp: 38376

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.2	183.4
115	66.7	51.0	76.4

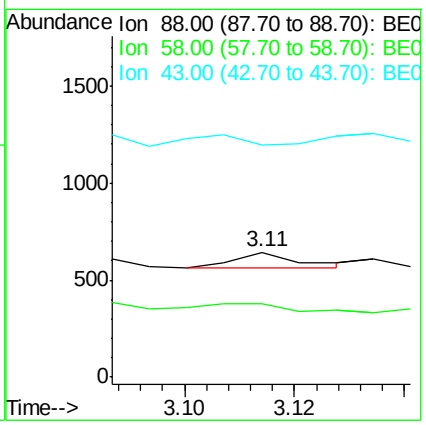


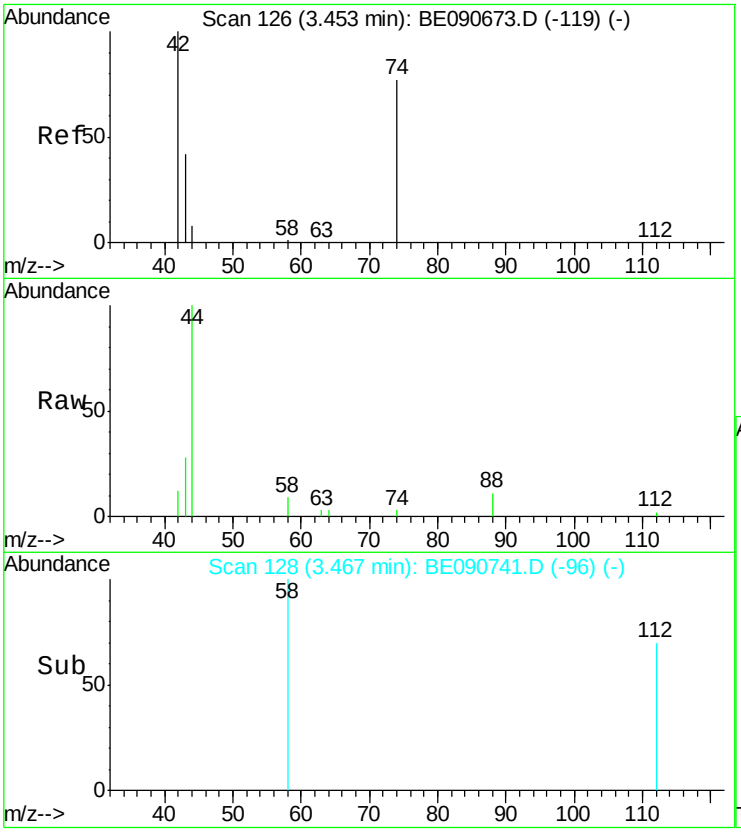


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.11 min Scan# 76
Delta R.T. -0.05 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion: 88 Resp: 69

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



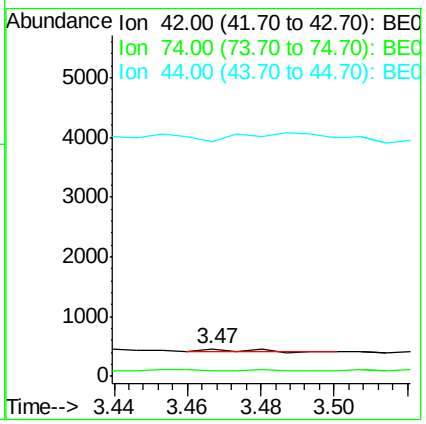


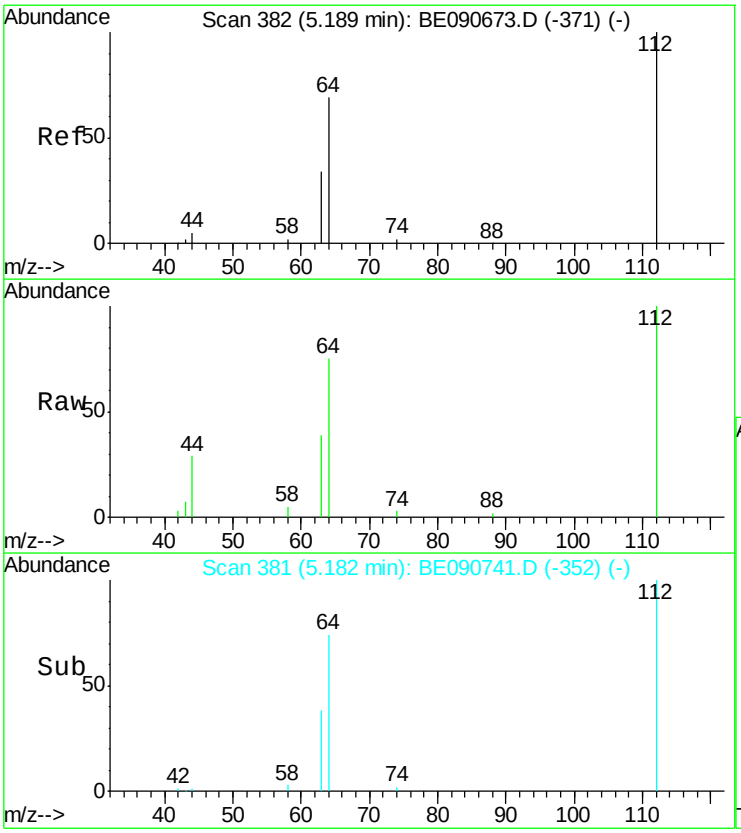
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.47 min Scan# 128
Delta R.T. 0.01 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion: 42 Resp: 45

Ion	Ratio	Lower	Upper
42	100		
74	24.4	83.7	125.5#
44	637.8	10.0	15.0#

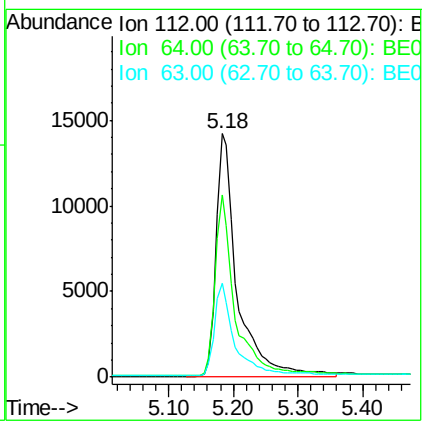


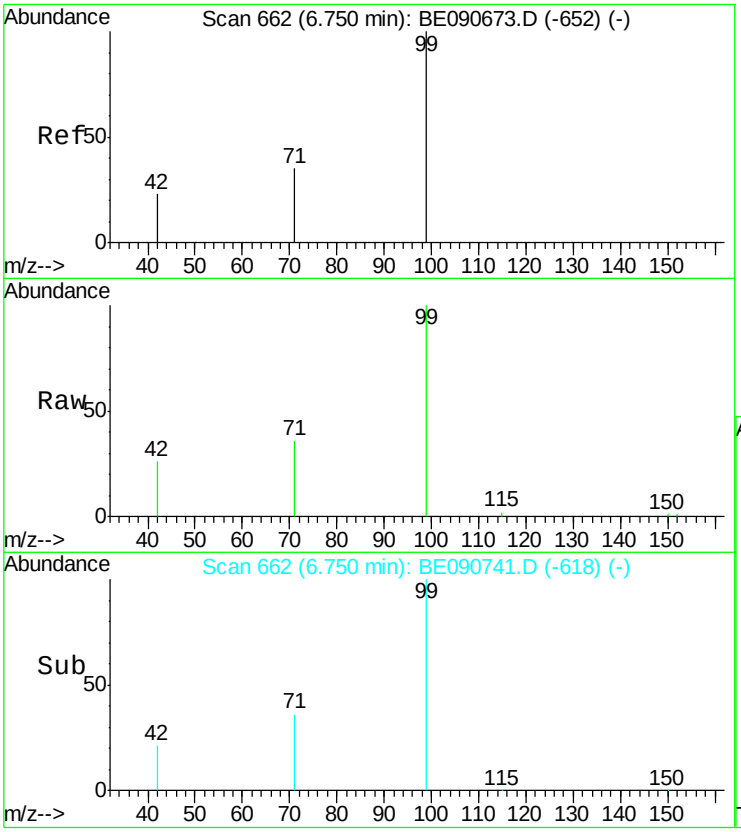


#4
2-Fluorophenol
Concen: 4.26 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion:112 Resp: 31815

Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.3	85.9
63	36.3	29.2	43.8



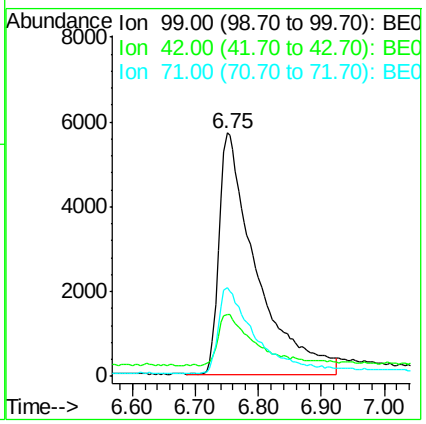


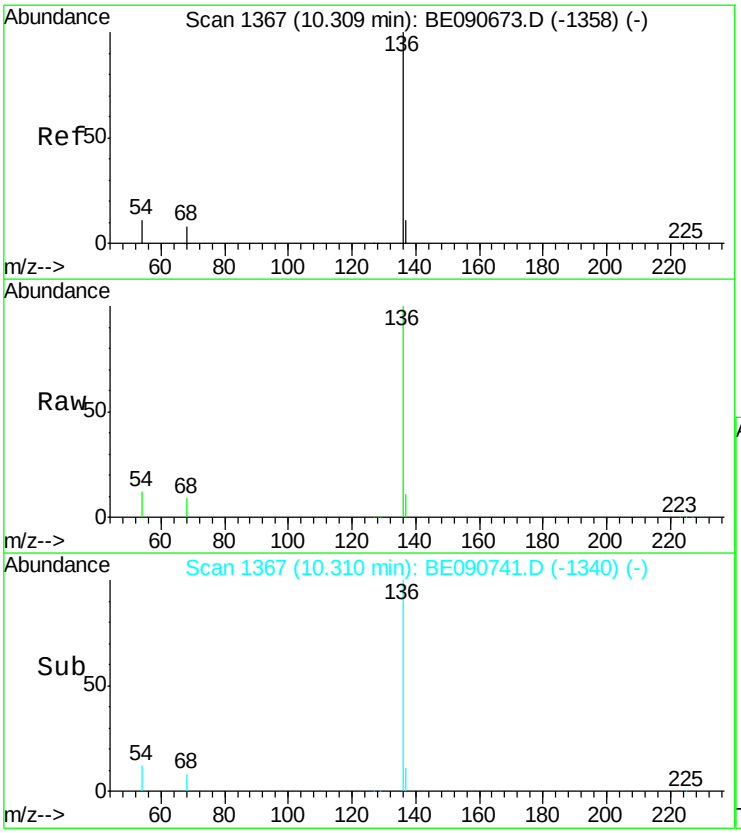
#5
Phenol-d6
Concen: 2.17 ng
RT: 6.75 min Scan# 662
Delta R.T. -0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion: 99 Resp: 23222

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.8	25.2
71	35.9	28.3	42.5

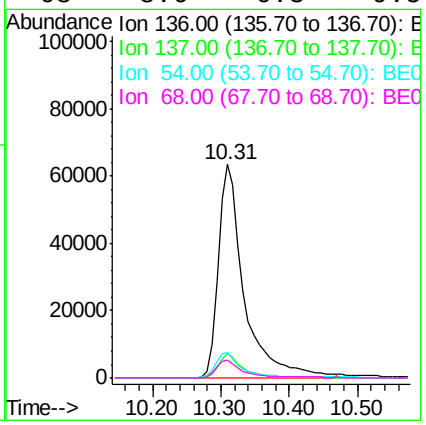


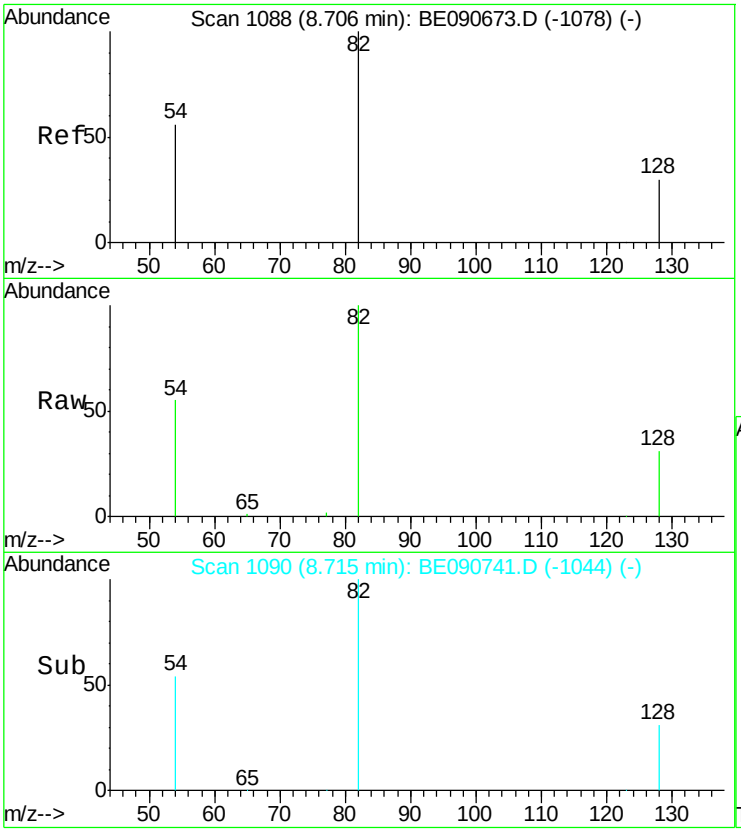


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion:136 Resp: 164913

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.9	9.0	13.6
68	8.6	6.3	9.5



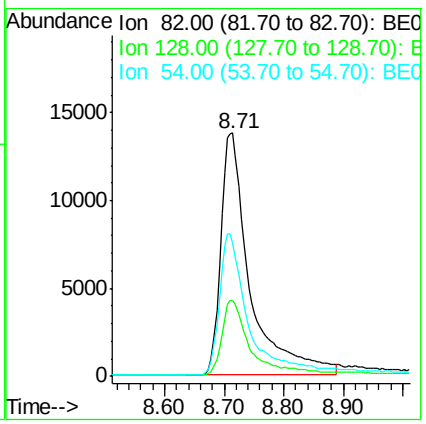


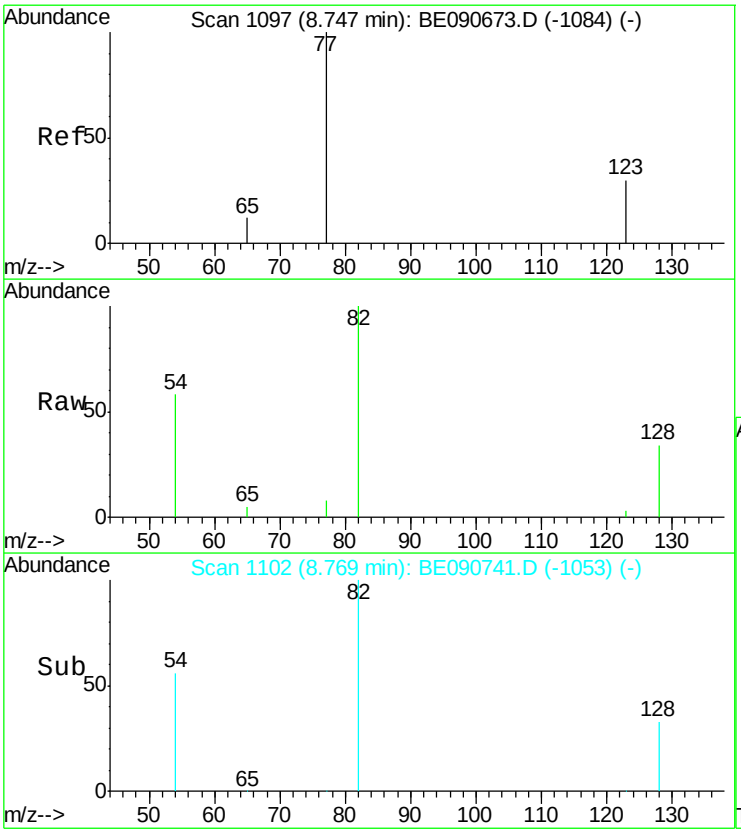
#7
Nitrobenzene-d5
Concen: 4.31 ng
RT: 8.71 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion: 82 Resp: 46942

Ion	Ratio	Lower	Upper
82	100		
128	31.0	25.0	37.4
54	54.9	46.3	69.5

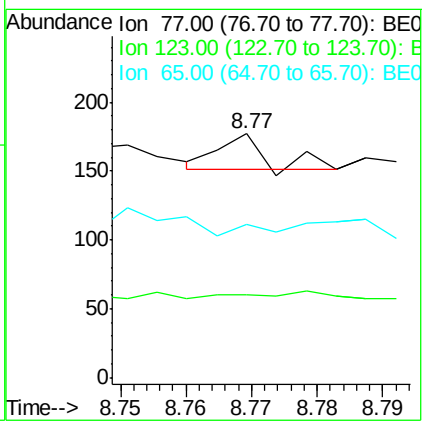


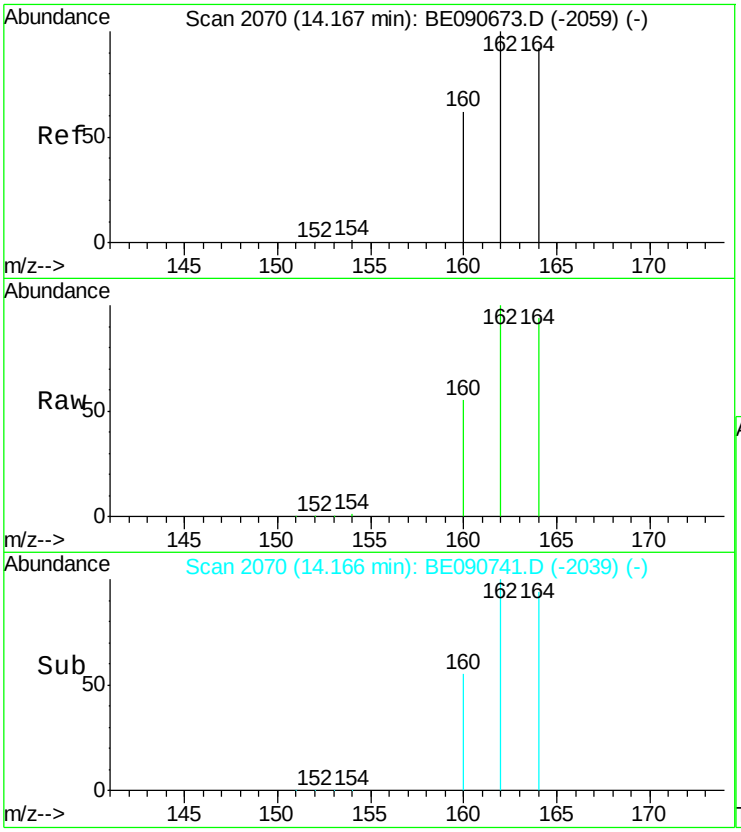


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.02 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion: 77 Resp: 13

Ion	Ratio	Lower	Upper
77	100		
123	23.1	25.1	37.7#
65	0.0	9.9	14.9#



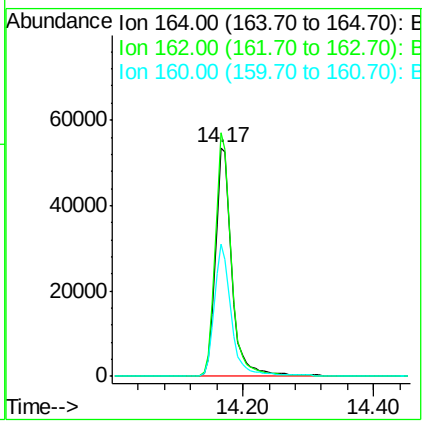


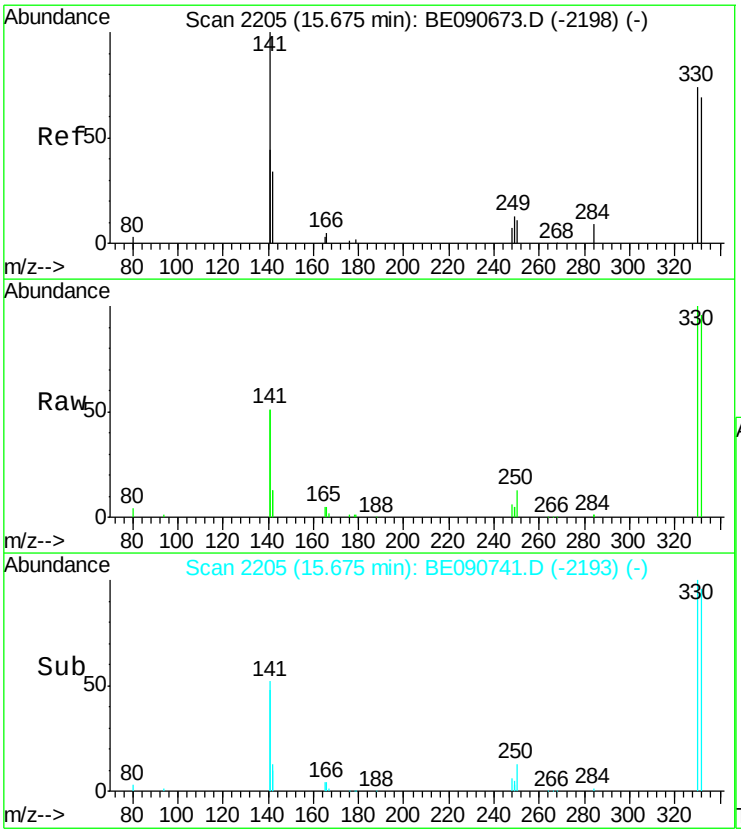
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion:164 Resp: 92823

Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.8	130.2
160	58.2	53.9	80.9

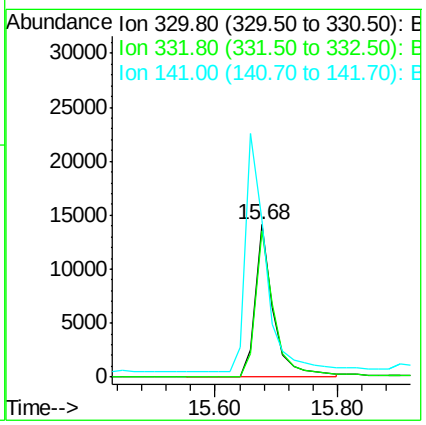


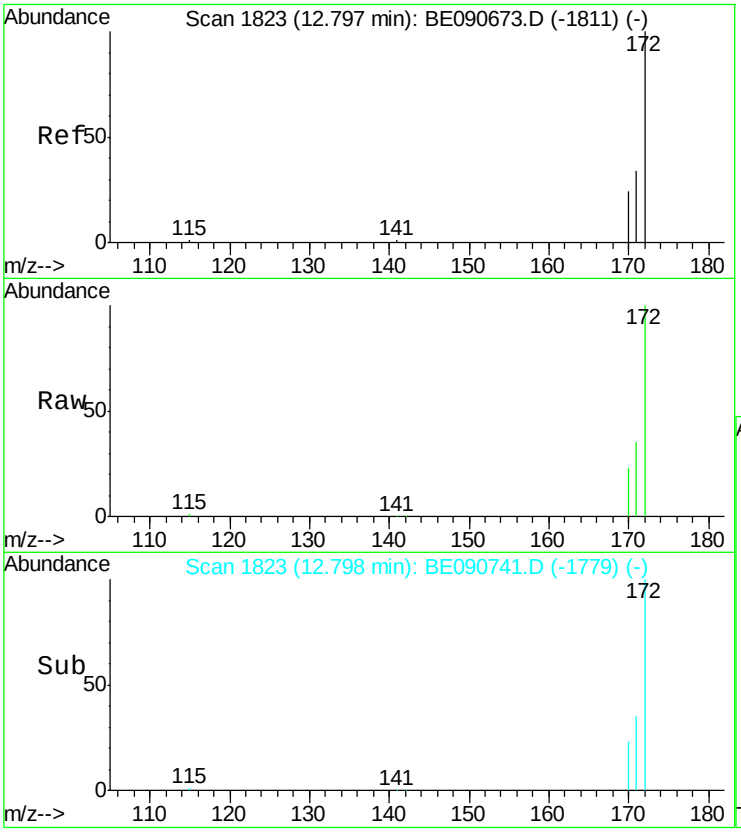


#13
2,4,6-Tribromophenol
Concen: 10.54 ng
RT: 15.68 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion:330 Resp: 28847

Ion	Ratio	Lower	Upper
330	100		
332	97.6	74.9	112.3
141	175.2	145.2	217.8



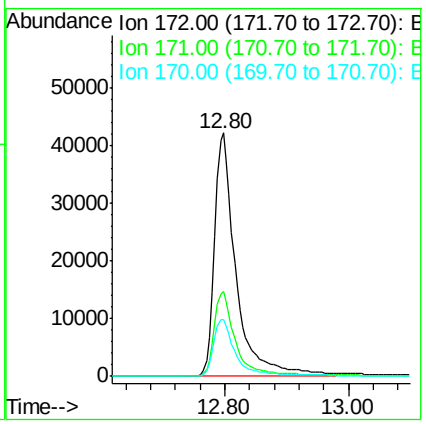


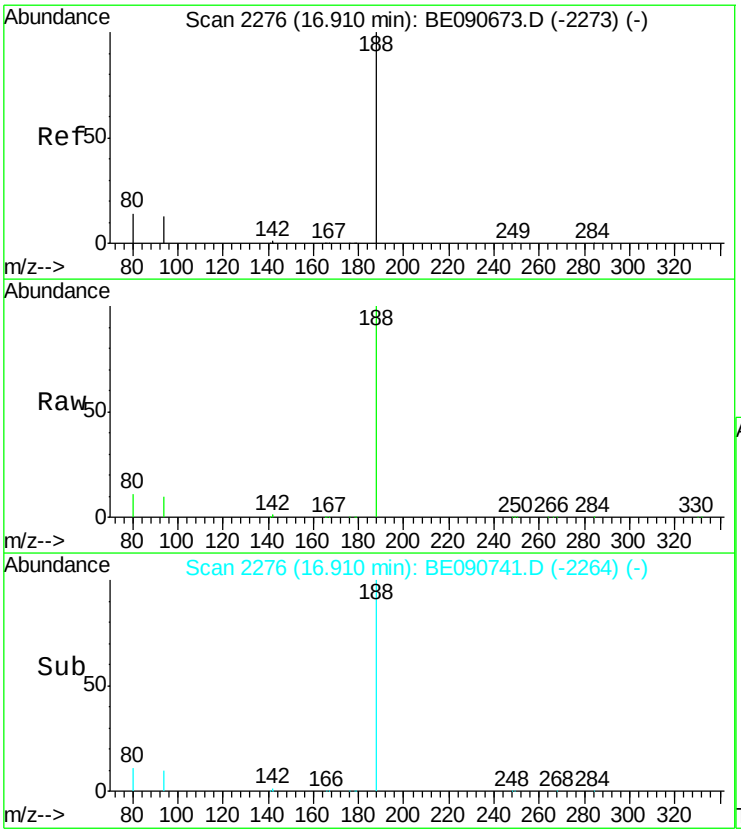
#14
2-Fluorobiphenyl
Concen: 3.97 ng
RT: 12.80 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion:172 Resp: 102050

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.3	19.8	29.6

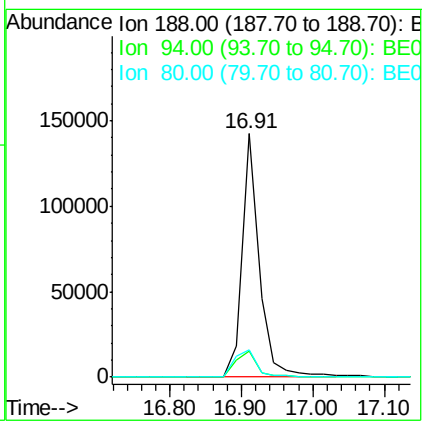


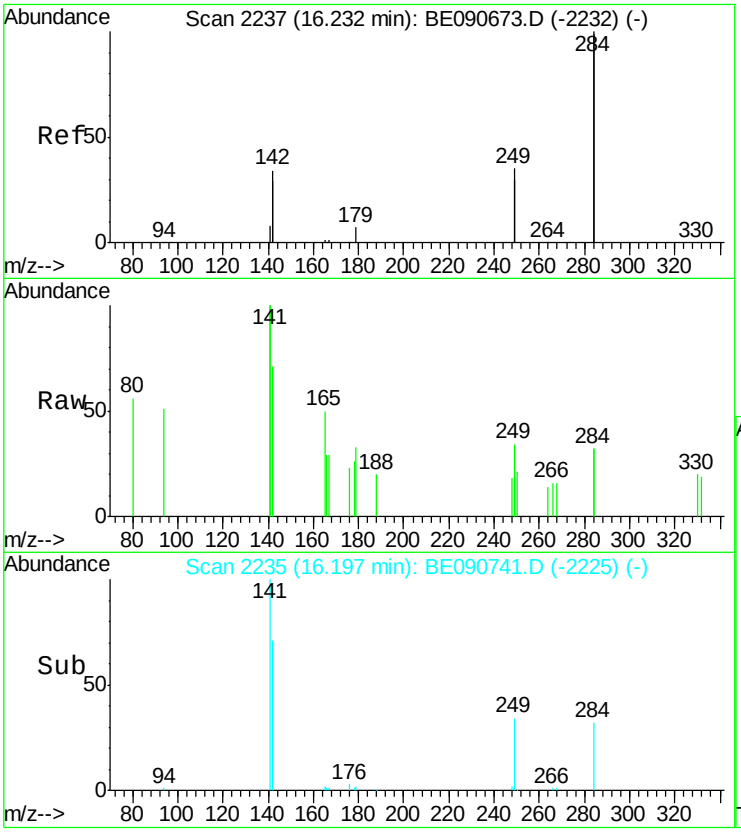


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion:188 Resp: 235287

Ion	Ratio	Lower	Upper
188	100		
94	10.5	10.3	15.5
80	11.4	11.0	16.6



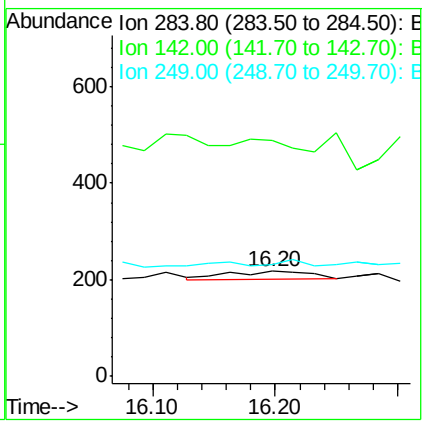


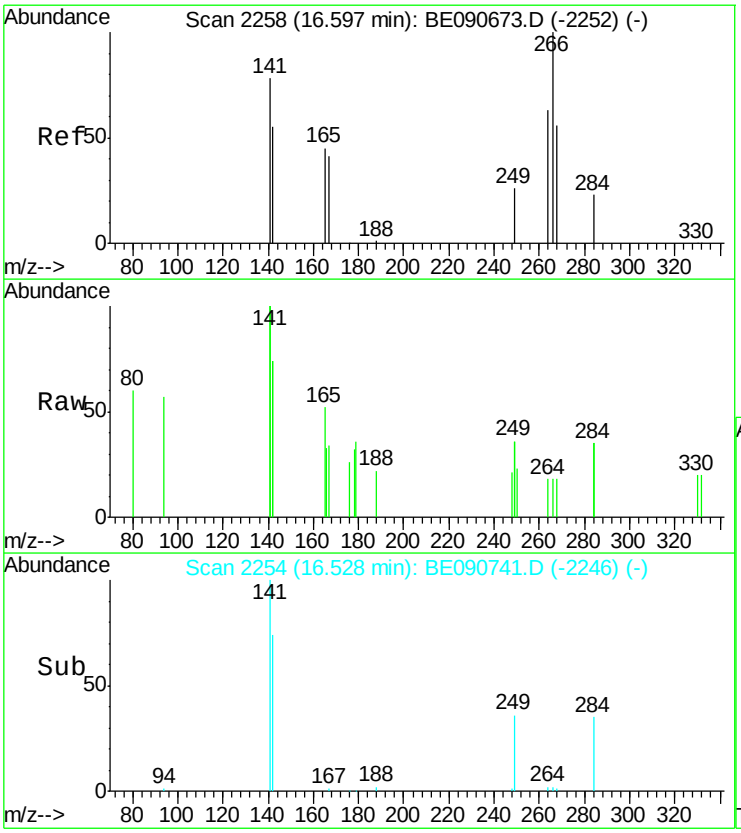
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.20 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion:284 Resp: 78

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	32.1	25.5	38.3

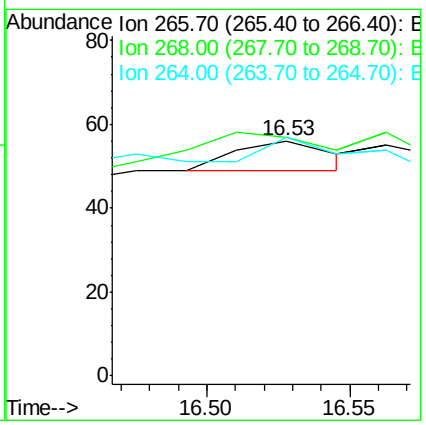


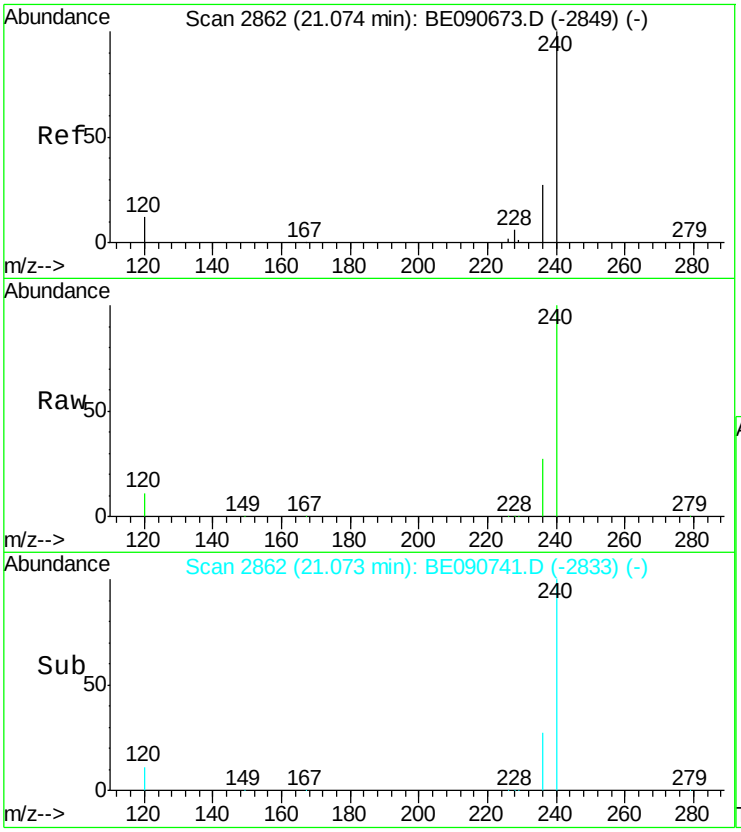


#21
Pentachlorophenol
Concen: 0.46 ng
RT: 16.53 min Scan# 2254
Delta R.T. -0.07 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion:266 Resp: 17

Ion	Ratio	Lower	Upper
266	100		
268	101.8	49.6	74.4#
264	101.8	53.9	80.9#



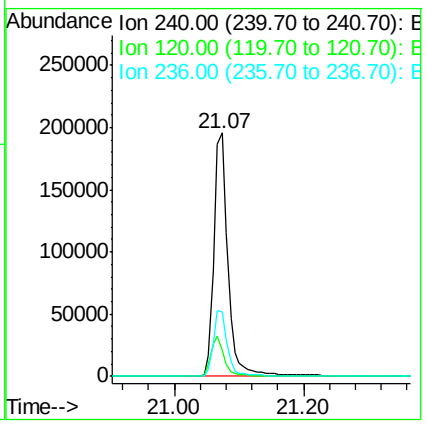


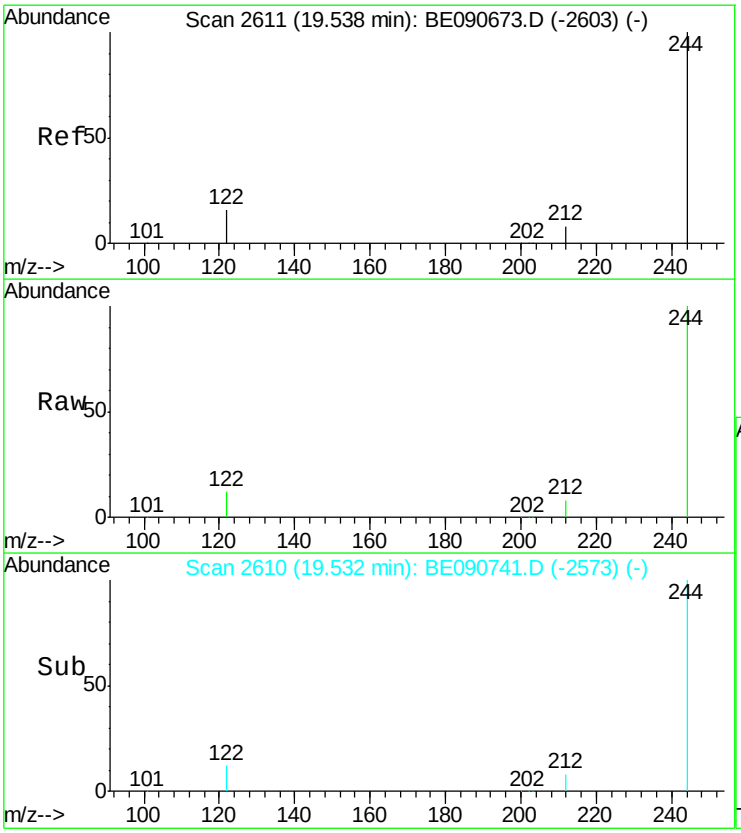
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion:240 Resp: 294192

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.1	15.1
236	26.5	21.9	32.9

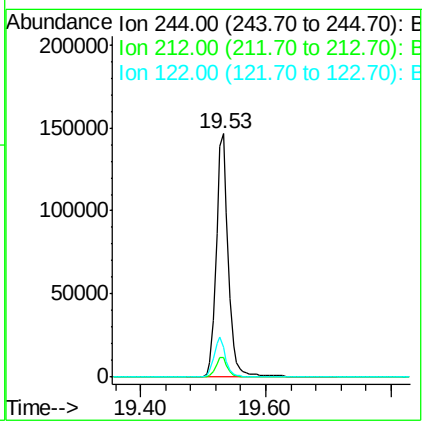


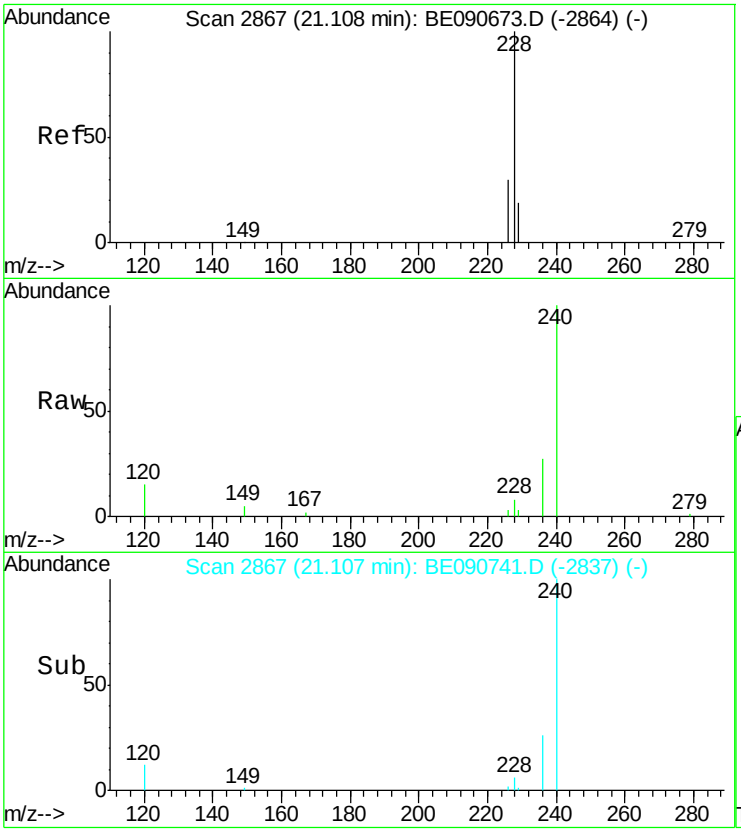


#27
Terphenyl-d14
Concen: 6.05 ng
RT: 19.53 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion:244 Resp: 196814

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	12.2	12.9	19.3#



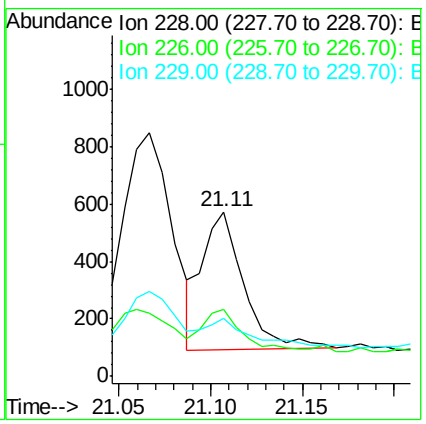


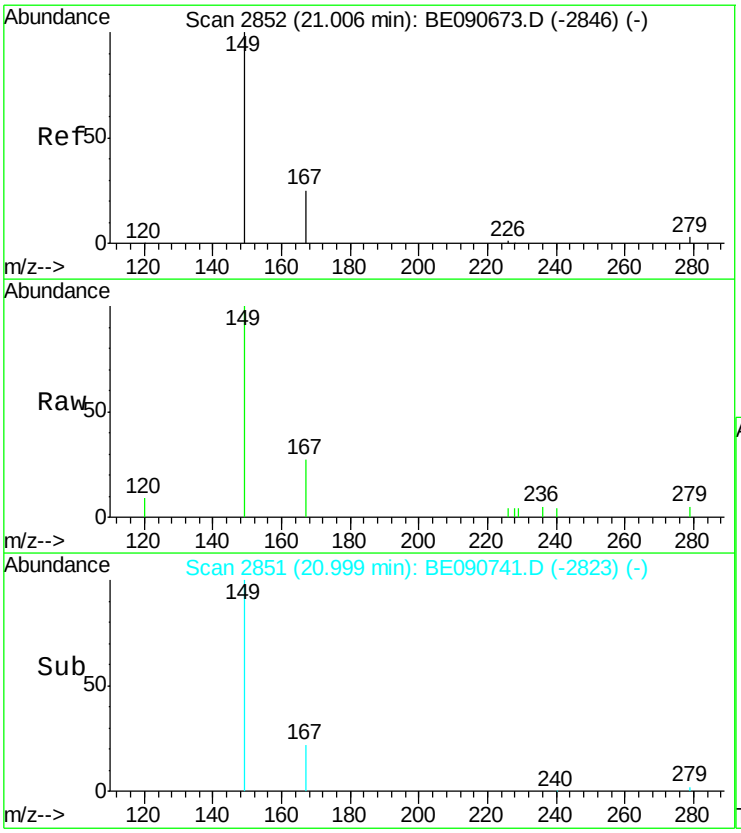
#29
Chrysene
Concen: Below Cal
RT: 21.11 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion:228 Resp: 746

Ion	Ratio	Lower	Upper
228	100		
226	40.7	24.2	36.4#
229	35.3	15.3	22.9#

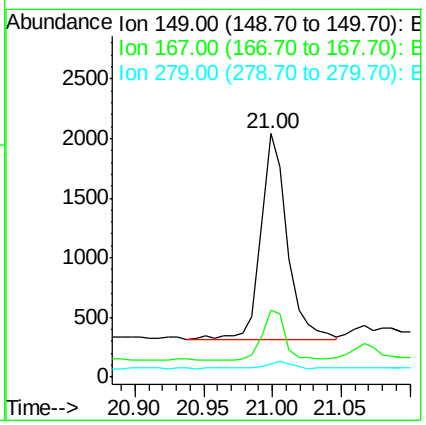


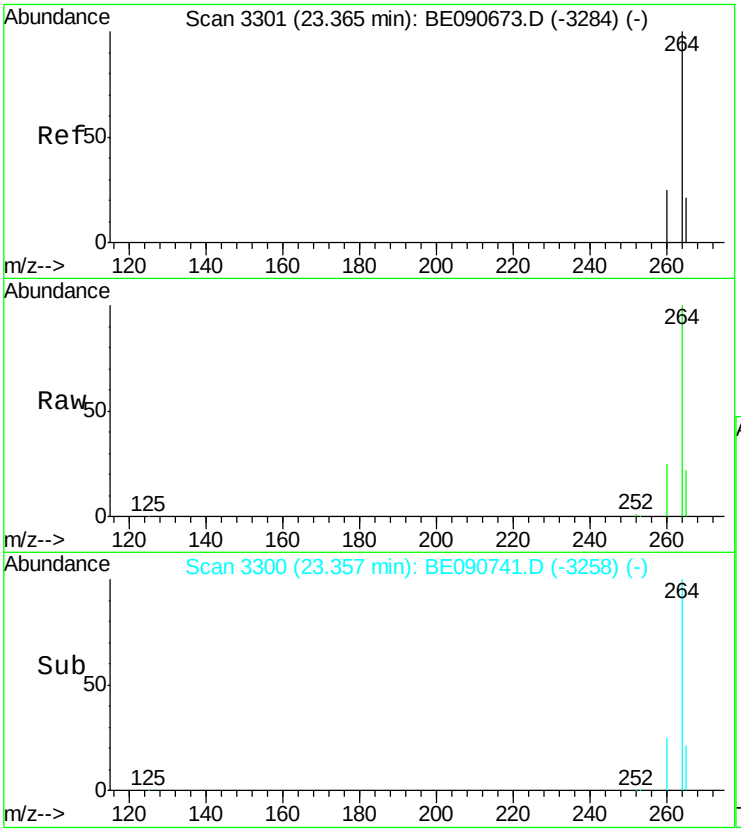


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.00 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion:149 Resp: 2352

Ion	Ratio	Lower	Upper
149	100		
167	22.1	20.1	30.1
279	2.9	2.3	3.5



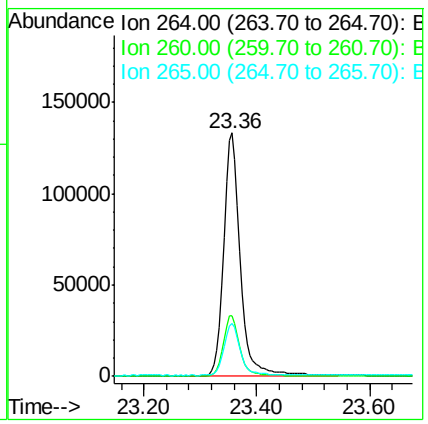


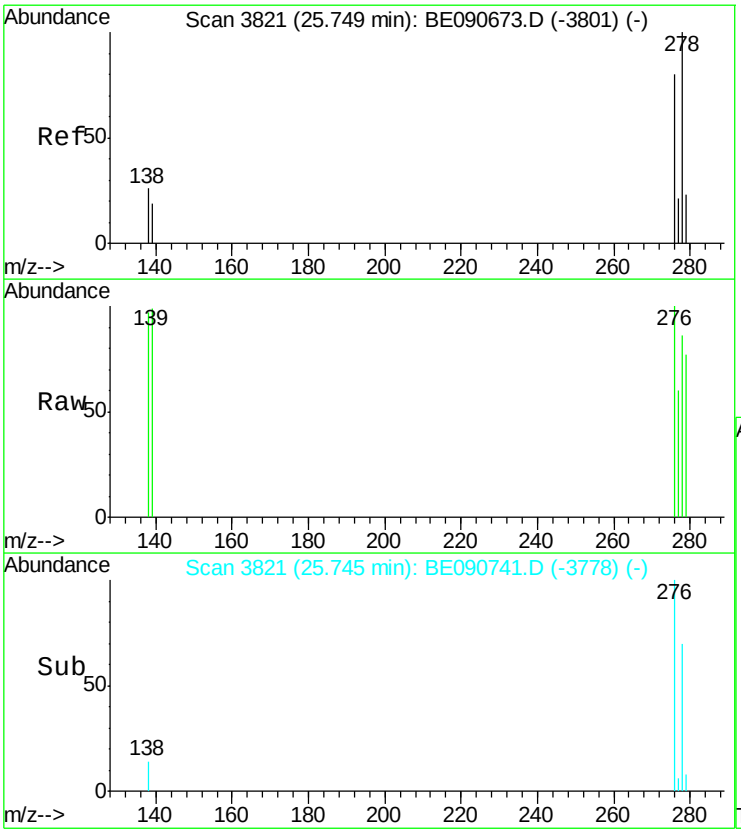
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.01 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion:264 Resp: 274073

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.6	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3821
Delta R.T. -0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion:278 Resp: 151

Ion	Ratio	Lower	Upper
278	100		
139	115.9	15.4	23.0#
279	90.3	18.8	28.2#