Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE091715\
Data File : BE090865.D
Acq On : 17 Sep 2015 15:27
Operator : UM/IZ
Sample : G3698-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091515-D534-E-D-B

Quant Time: Sep 17 18:24:43 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	32320	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	151484	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	81736	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	191603	5.00	ng		0.00
25) Chrysene-d12	21.07	240	230868	5.00	ng		0.00
32) Perylene-d12	23.35	264	211563	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	25371	4.04	ng		0.00
5) Phenol-d6	6.75	99	21532	2.39	ng		0.00
7) Nitrobenzene-d5	8.71	82	36636	3.66	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	18746	7.82	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	86164	3.81	ng		0.00
27) Terphenyl-d14	19.52	244	145673	5.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	35	Below Cal		#	1
3) n-Nitrosodimethylamine	3.45	42	60	Below Cal		#	1
8) Nitrobenzene	8.75	77	20	0.11	ng	#	32
20) Hexachlorobenzene	16.21	284	79	Below Cal		#	1
21) Pentachlorophenol	16.60	266	44	0.48	ng	#	67
29) Chrysene	21.10	228	584	Below Cal		#	69
30) Bis(2-ethylhexyl)phthalate	20.99	149	10489	0.82	ng		99
36) Dibenzo(a,h)anthracene	25.74	278	107	0.14	ng	#	1

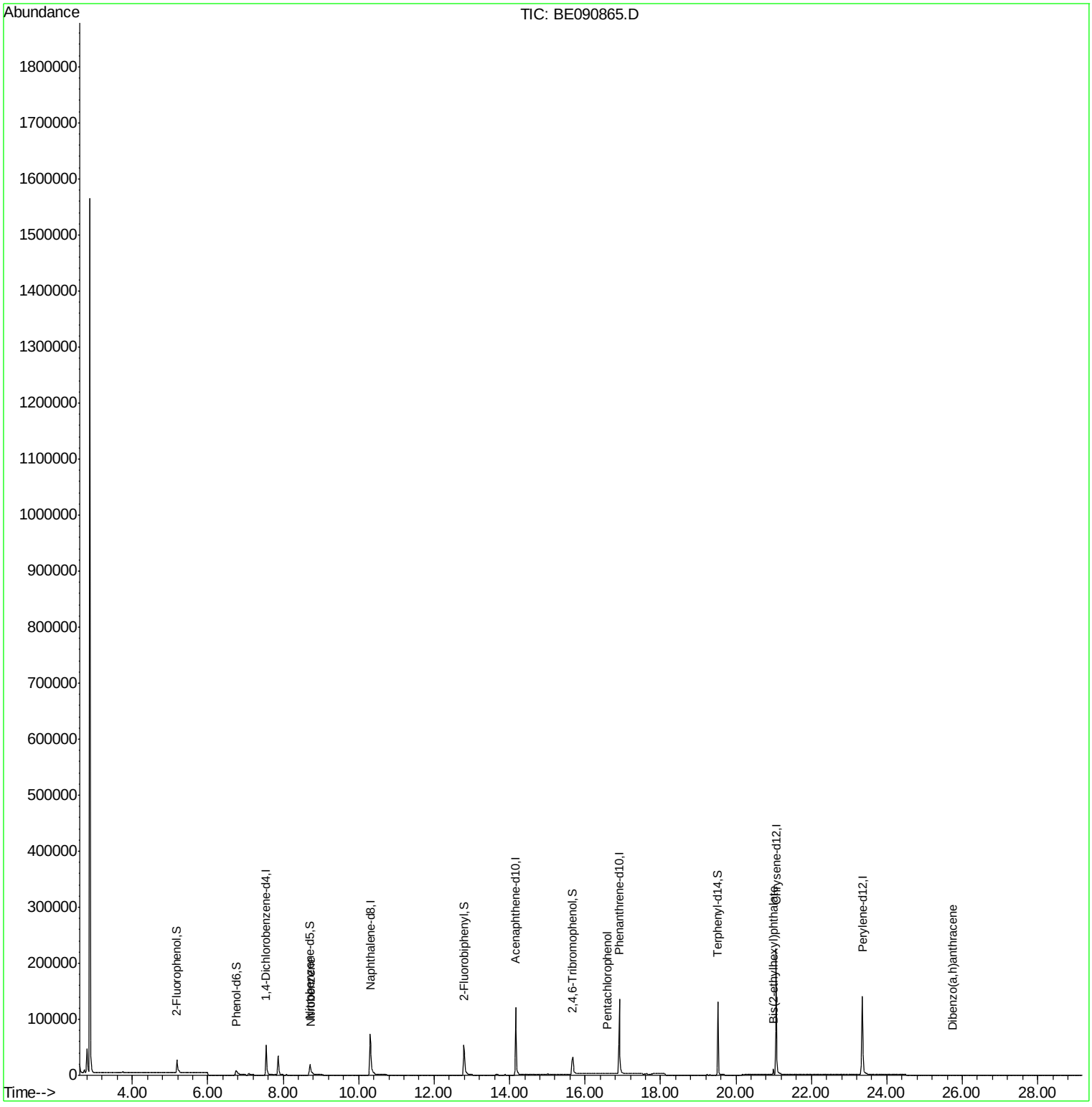
(#) = qualifier out of range (m) = manual integration (+) = signals summed

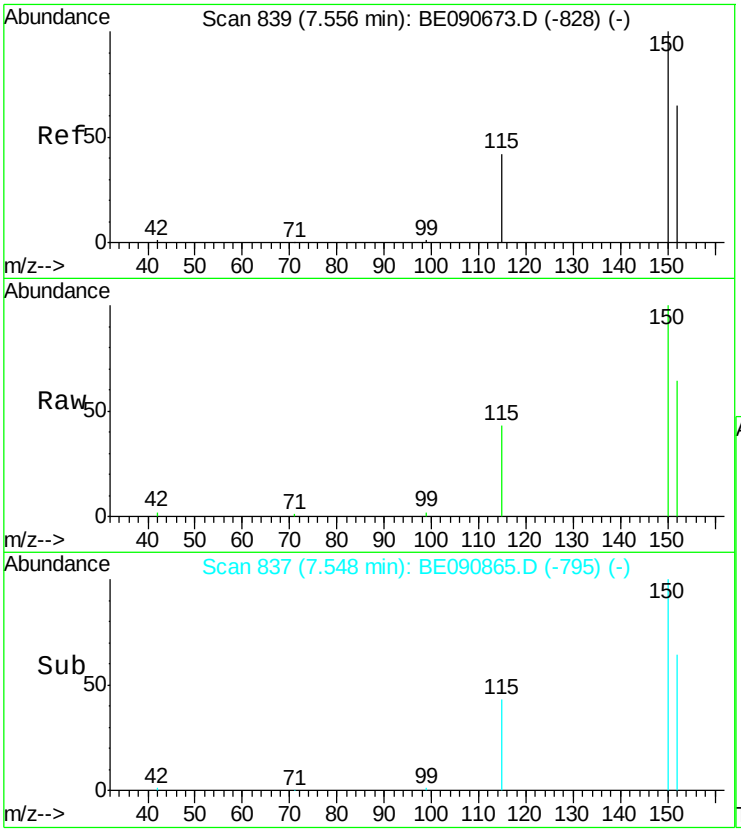
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE091715\
Data File : BE090865.D
Acq On : 17 Sep 2015 15:27
Operator : UM/IZ
Sample : G3698-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-B

Quant Time: Sep 17 18:24:43 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



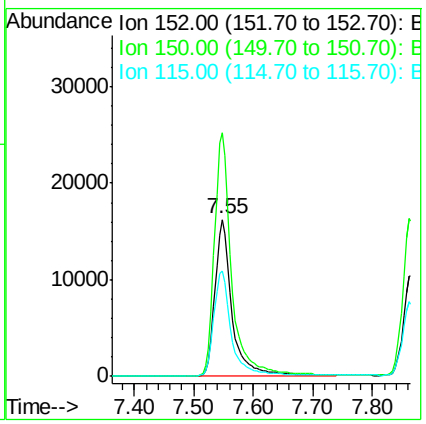


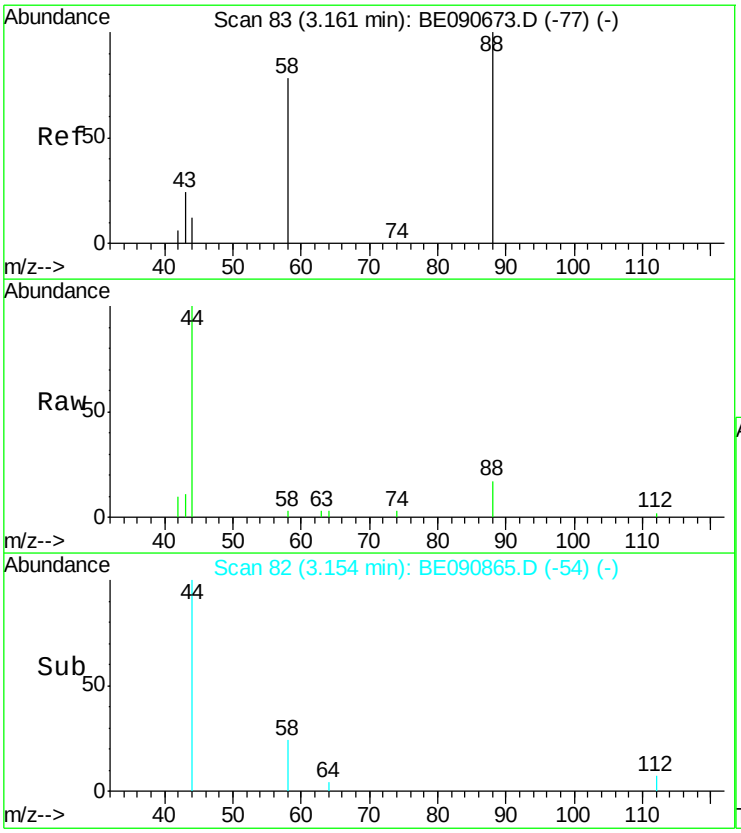
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-B

Tgt Ion:152 Resp: 32320

Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.2	183.4
115	67.4	51.0	76.4

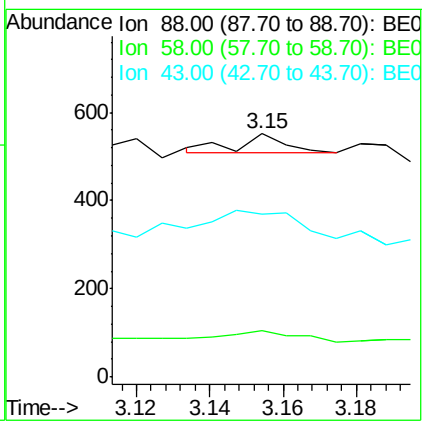


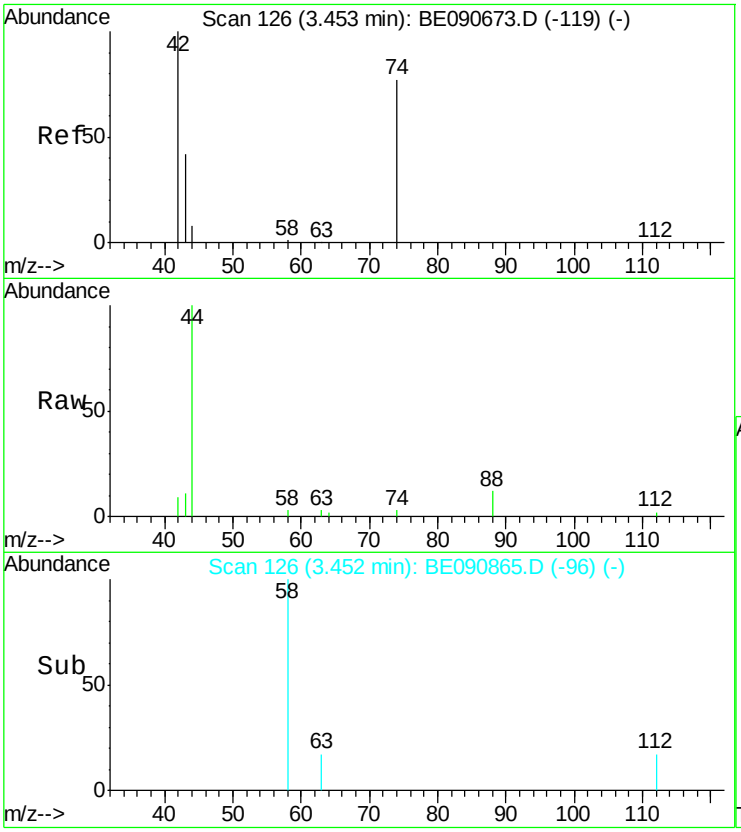


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.15 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Tgt Ion: 88 Resp: 35

Ion	Ratio	Lower	Upper
88	100		
58	154.3	68.4	102.6#
43	408.6	26.9	40.3#



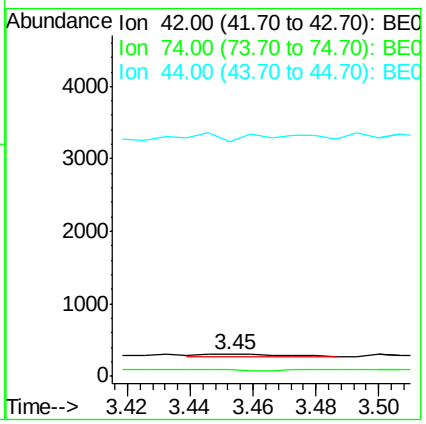


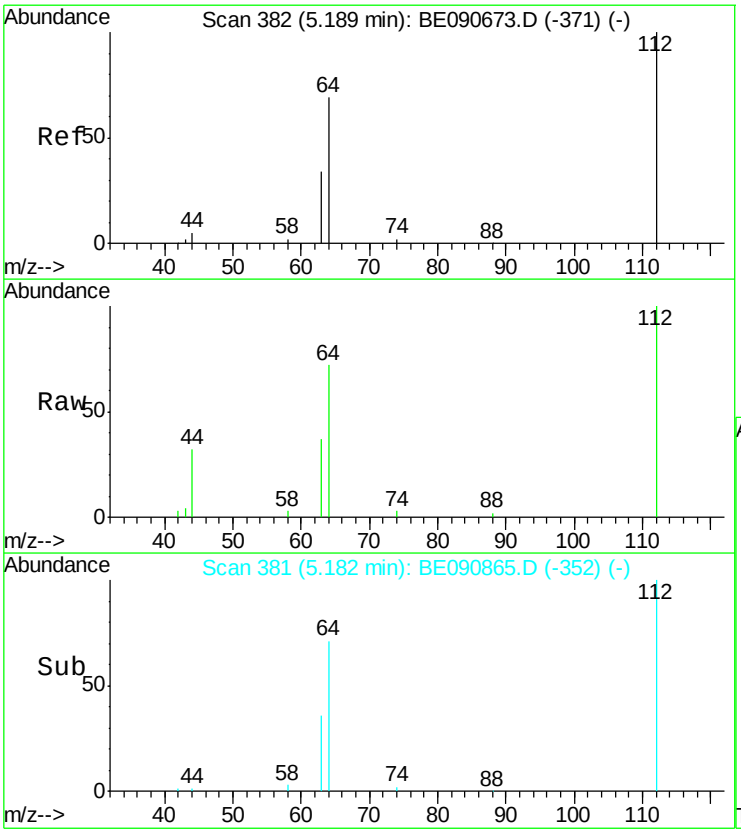
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-B

Tgt Ion: 42 Resp: 60

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	248.3	10.0	15.0#

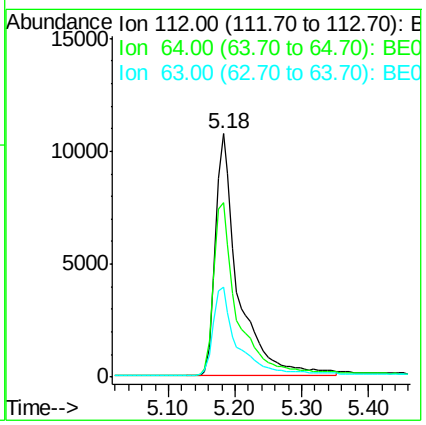


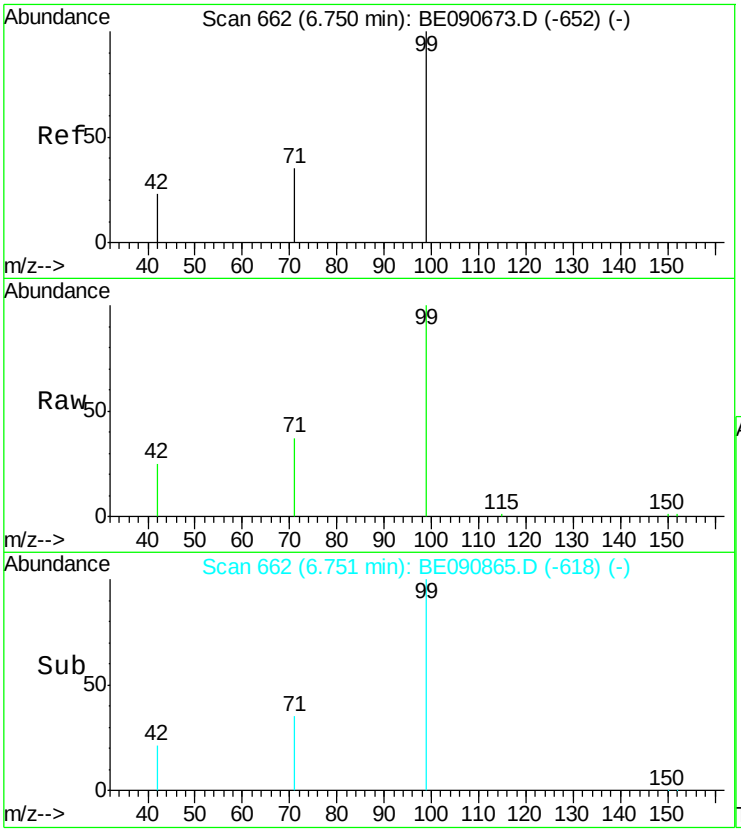


#4
2-Fluorophenol
Concen: 4.04 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Tgt Ion:112 Resp: 25371

Ion	Ratio	Lower	Upper
112	100		
64	73.4	57.3	85.9
63	37.8	29.2	43.8



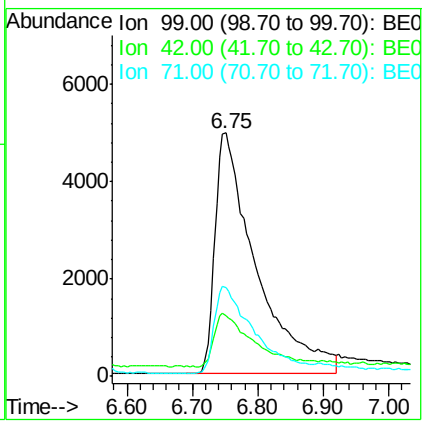


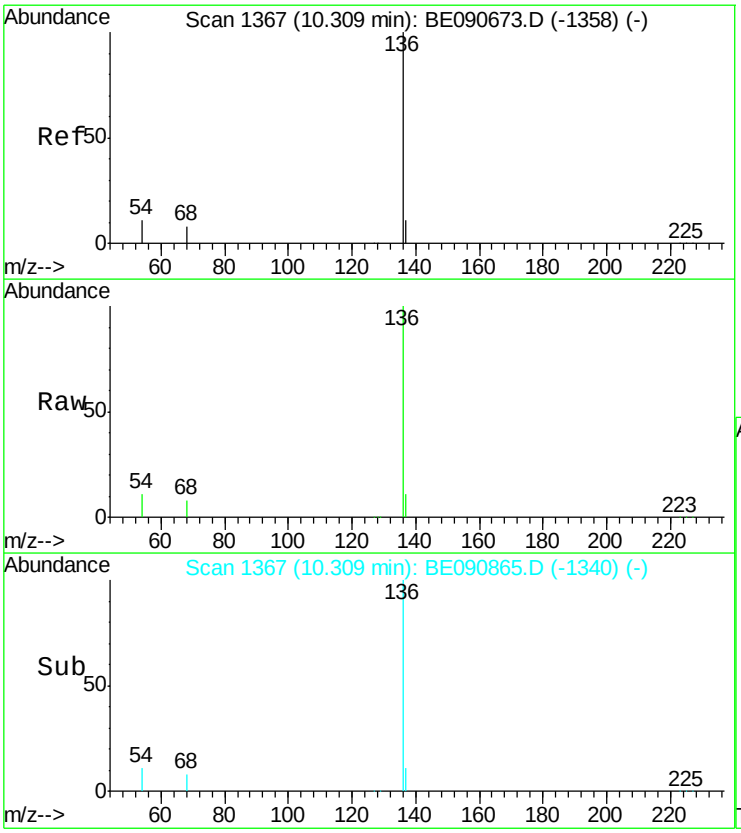
#5
Phenol-d6
Concen: 2.39 ng
RT: 6.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-B

Tgt Ion: 99 Resp: 21532

Ion	Ratio	Lower	Upper
99	100		
42	22.6	16.8	25.2
71	35.8	28.3	42.5

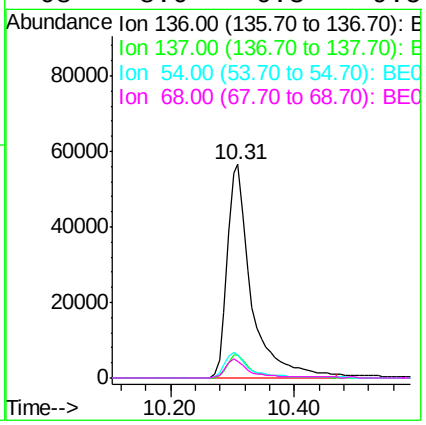


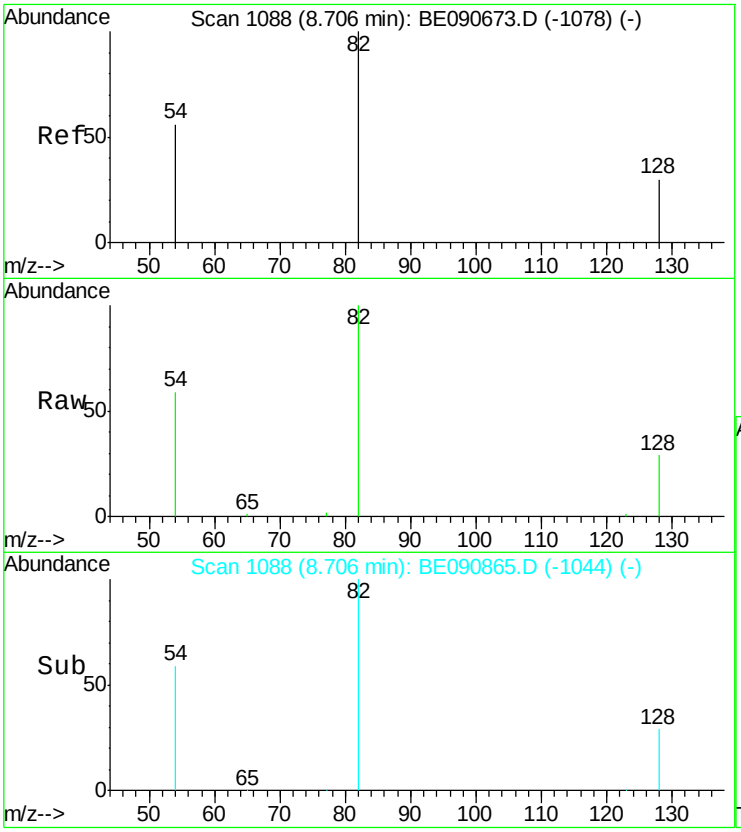


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Tgt Ion:136 Resp: 151484

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.1	9.0	13.6
68	8.0	6.3	9.5



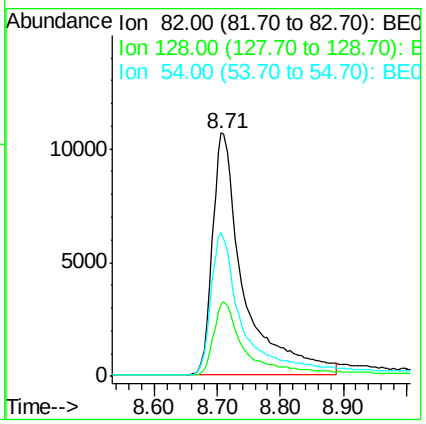


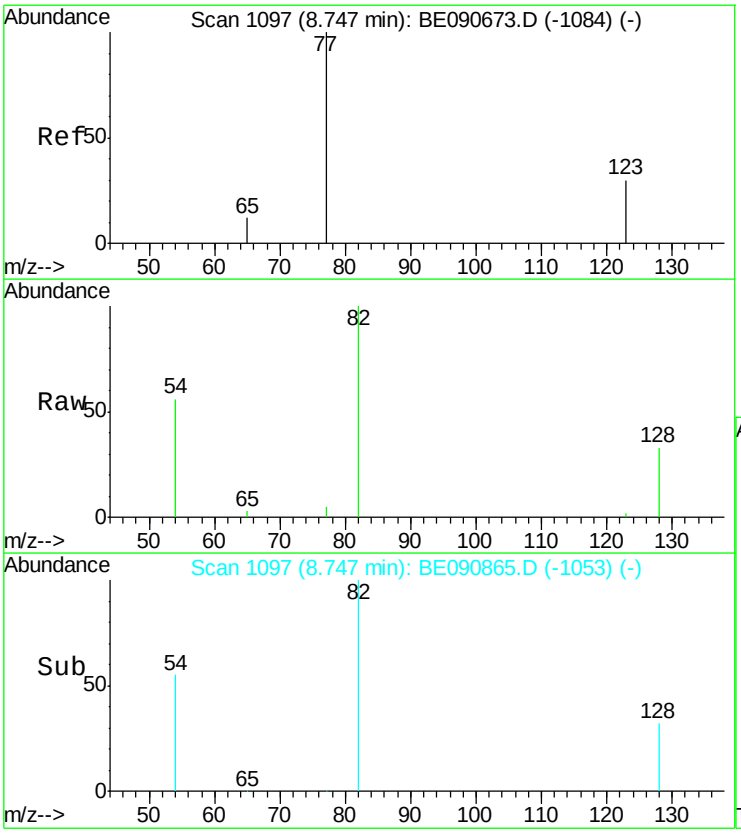
#7
Nitrobenzene-d5
Concen: 3.66 ng
RT: 8.71 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-B

Tgt Ion: 82 Resp: 36636

Ion	Ratio	Lower	Upper
82	100		
128	29.4	25.0	37.4
54	58.9	46.3	69.5

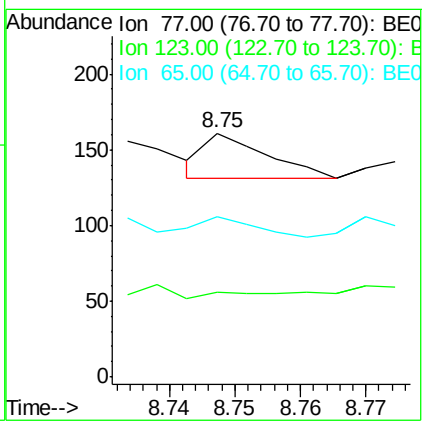


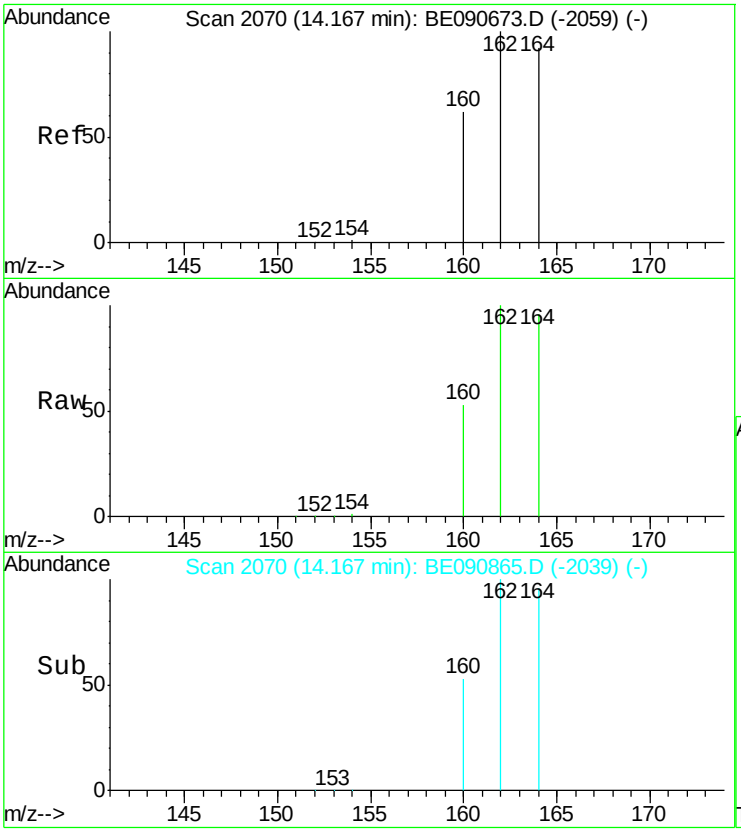


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.75 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Tgt Ion: 77 Resp: 20

Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.1	37.7#
65	50.0	9.9	14.9#



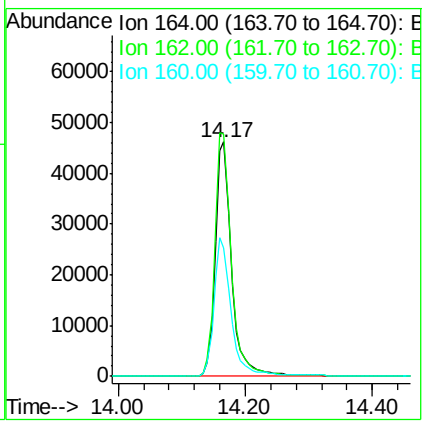


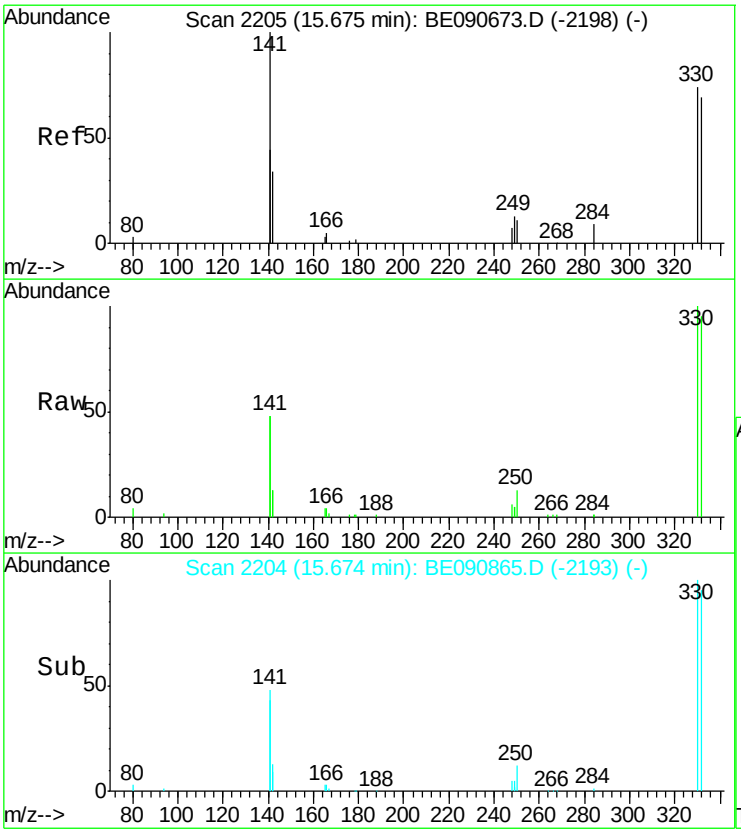
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-B

Tgt Ion:164 Resp: 81736

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.8	130.2
160	55.0	53.9	80.9

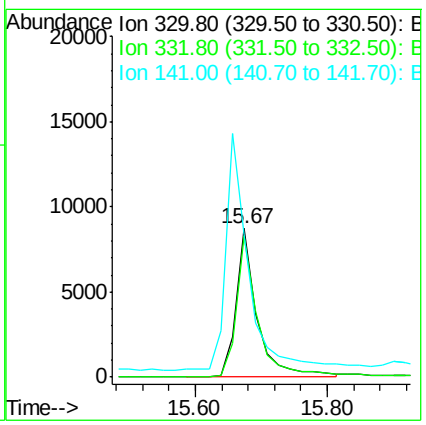


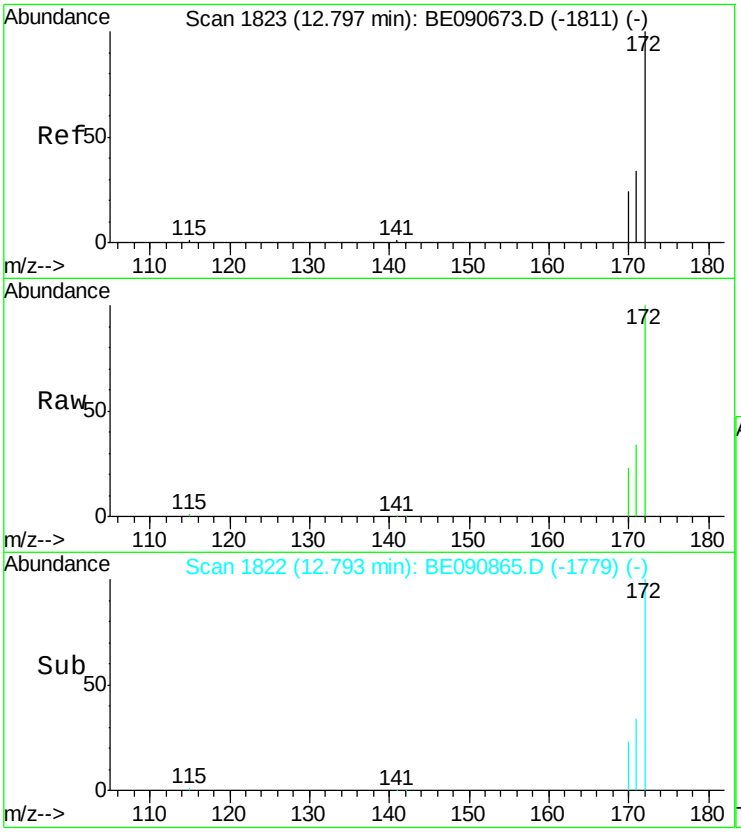


#13
2,4,6-Tribromophenol
Concen: 7.82 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Tgt Ion:330 Resp: 18746

Ion	Ratio	Lower	Upper
330	100		
332	95.8	74.9	112.3
141	176.0	145.2	217.8



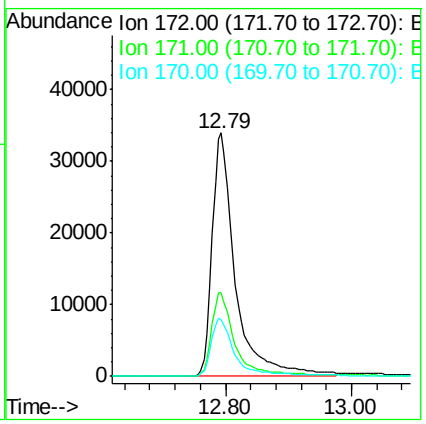


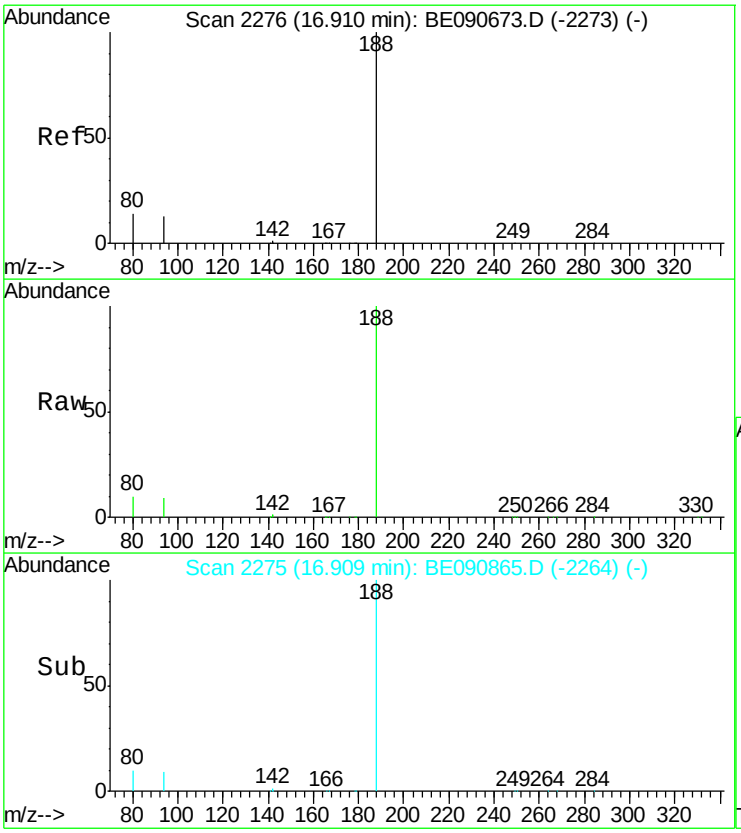
#14
2-Fluorobiphenyl
Concen: 3.81 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-B

Tgt Ion:172 Resp: 86164

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.8
170	23.4	19.8	29.6

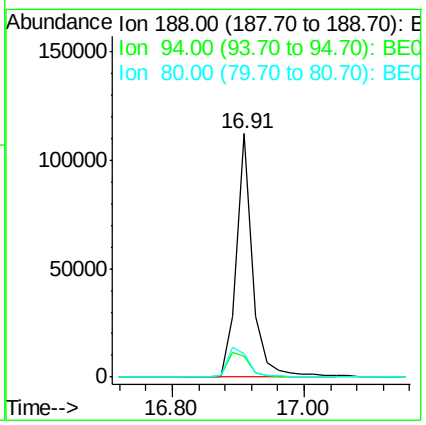


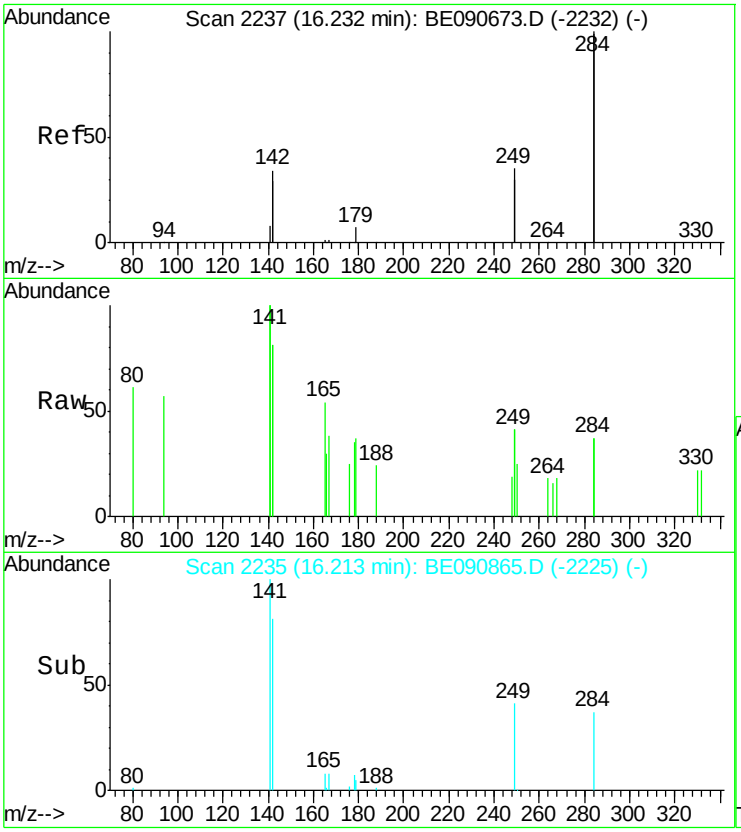


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Tgt Ion:188 Resp: 191603

Ion	Ratio	Lower	Upper
188	100		
94	8.8	10.3	15.5#
80	9.7	11.0	16.6#



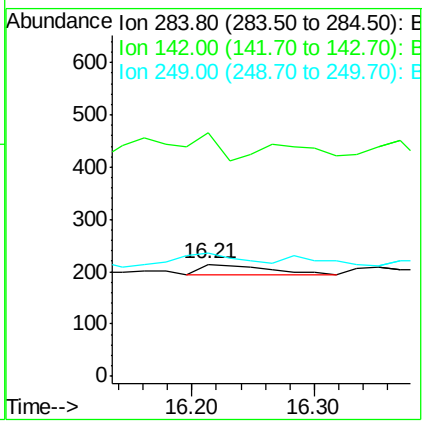


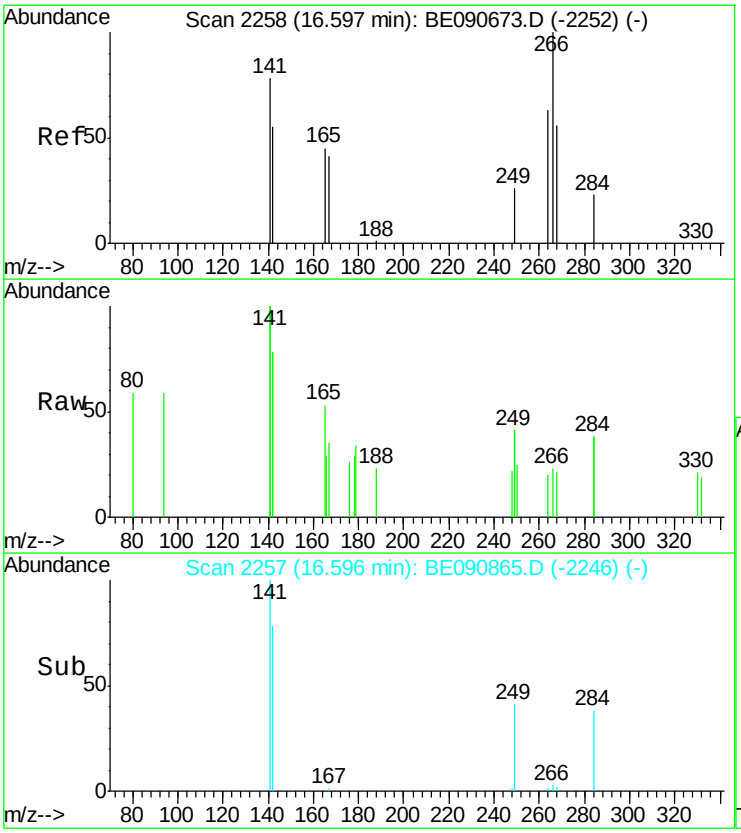
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.21 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-B

Tgt Ion:284 Resp: 79

Ion	Ratio	Lower	Upper
284	100		
142	589.9	35.0	52.4#
249	140.5	25.5	38.3#

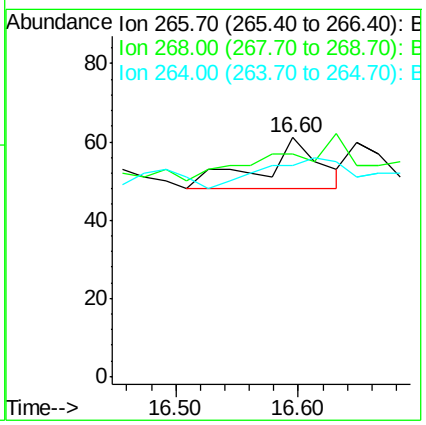


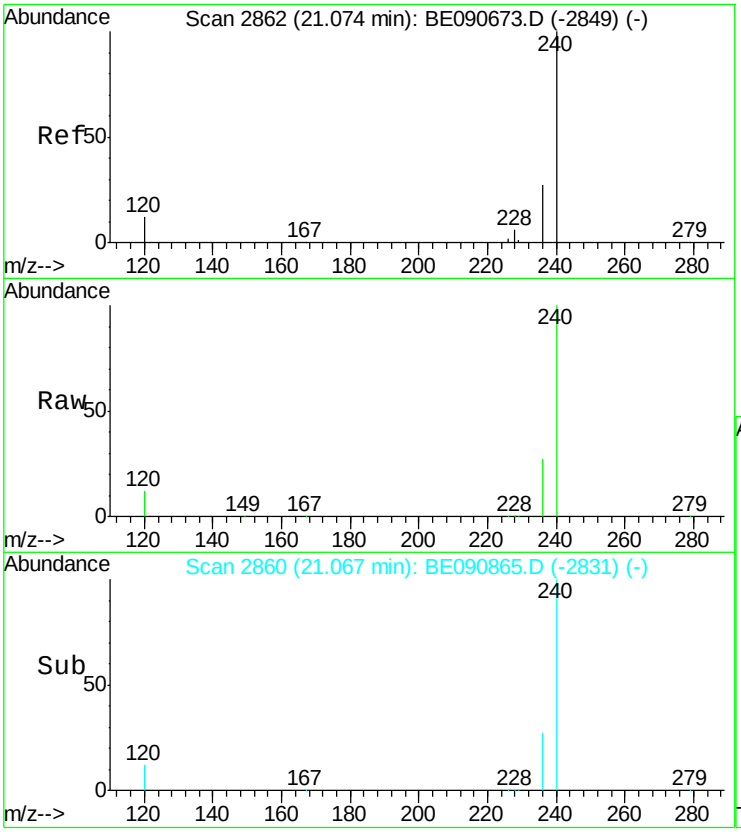


#21
Pentachlorophenol
Concen: 0.48 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Tgt Ion:266 Resp: 44

Ion	Ratio	Lower	Upper
266	100		
268	93.4	49.6	74.4#
264	88.5	53.9	80.9#



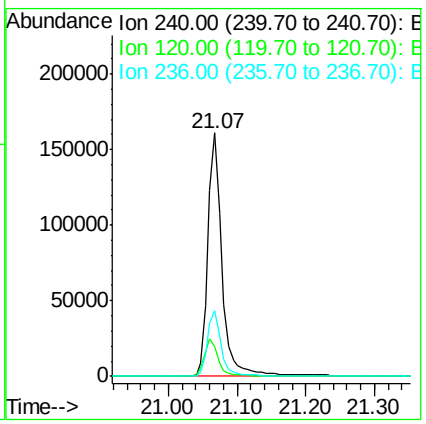


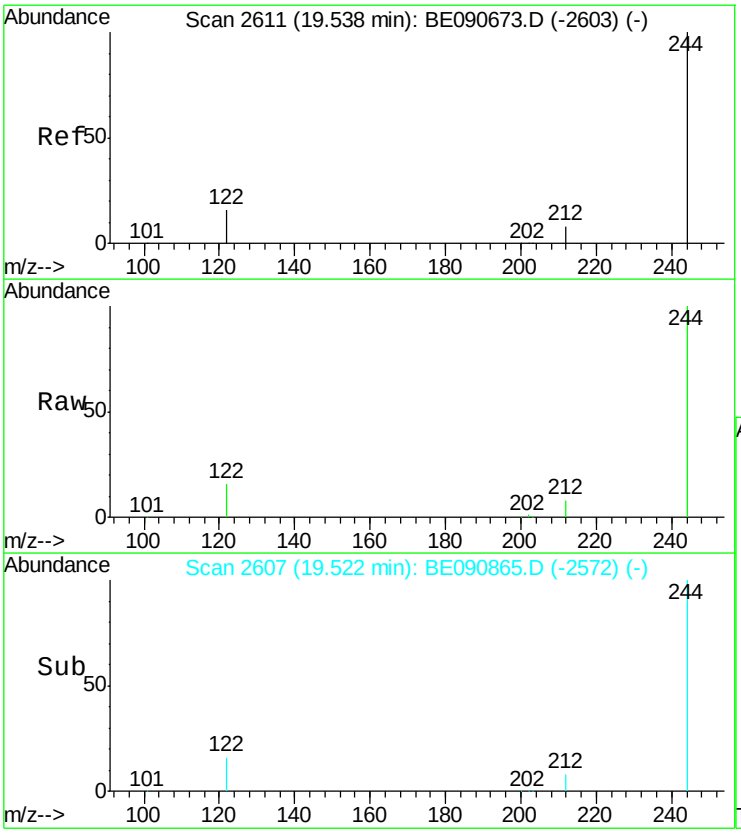
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-B

Tgt Ion:240 Resp: 230868

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.1	15.1
236	26.9	21.9	32.9

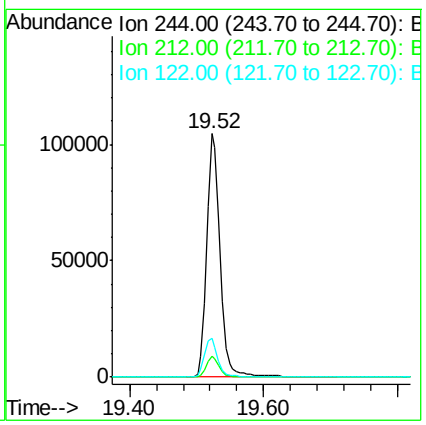


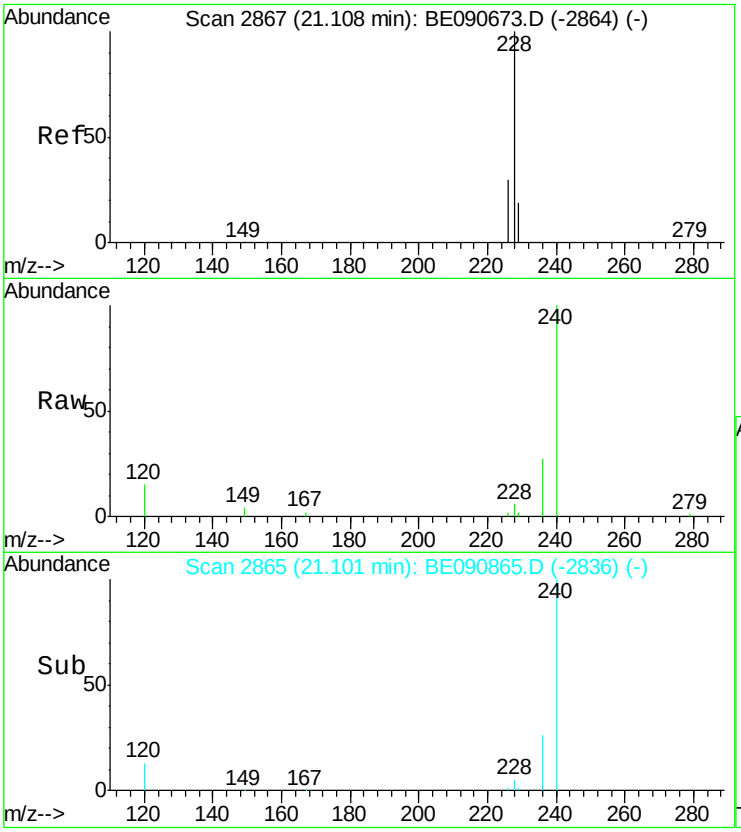


#27
Terphenyl-d14
Concen: 5.70 ng
RT: 19.52 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Tgt Ion:244 Resp: 145673

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	16.2	12.9	19.3



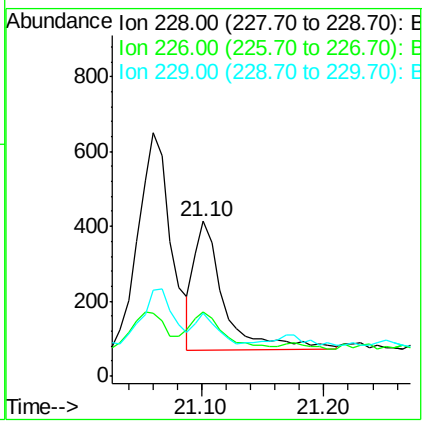


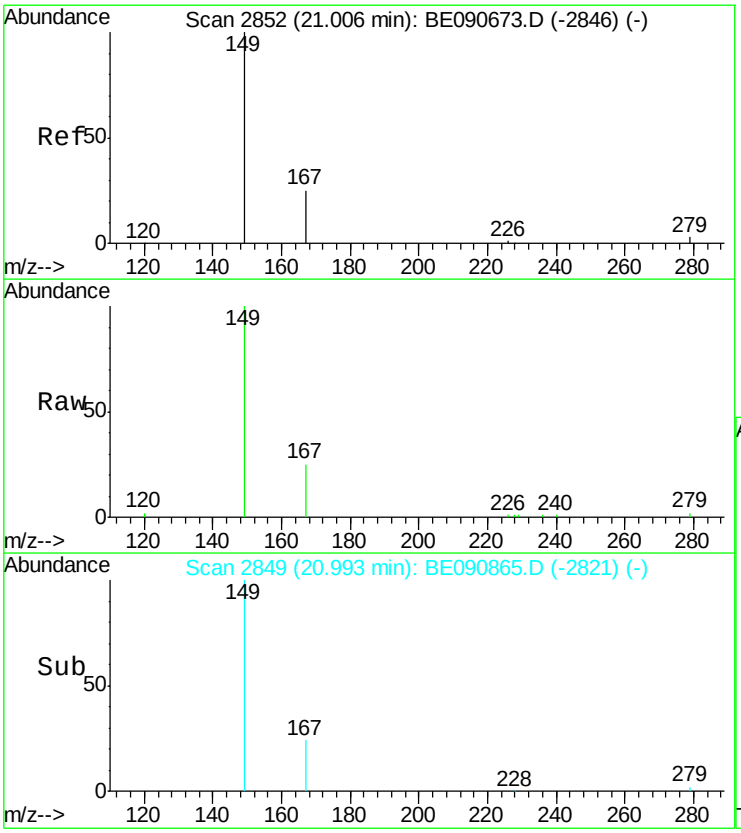
#29
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-B

Tgt Ion:228 Resp: 584

Ion	Ratio	Lower	Upper
228	100		
226	41.6	24.2	36.4#
229	40.4	15.3	22.9#

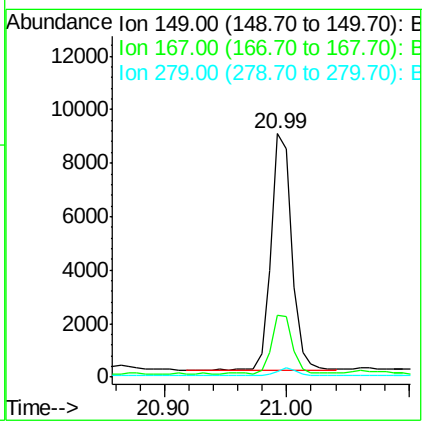


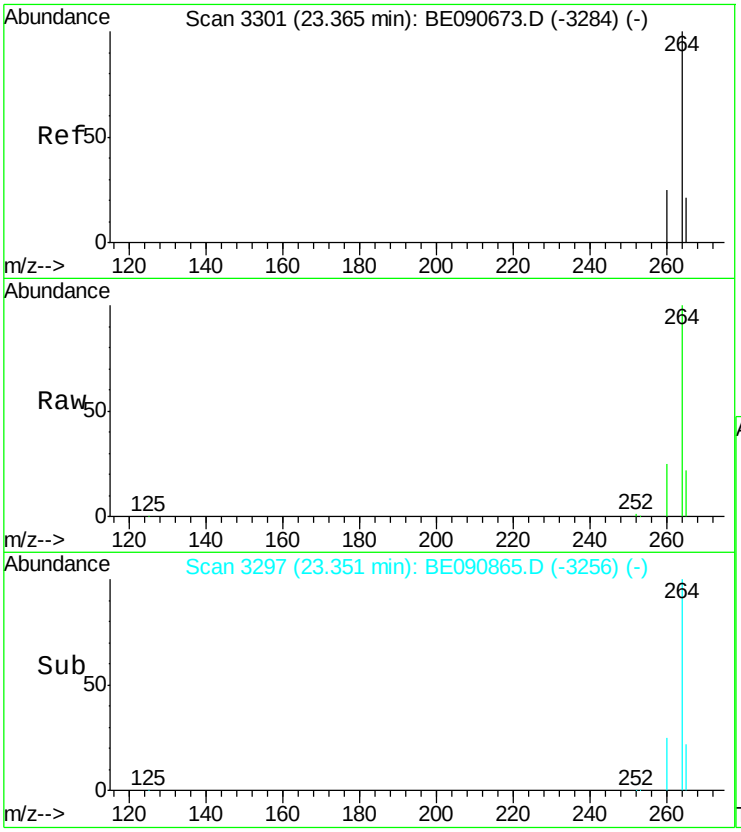


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.82 ng
RT: 20.99 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Tgt Ion:149 Resp: 10489

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.1	30.1
279	3.2	2.3	3.5



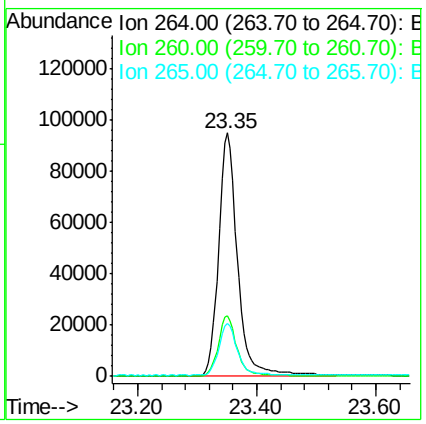


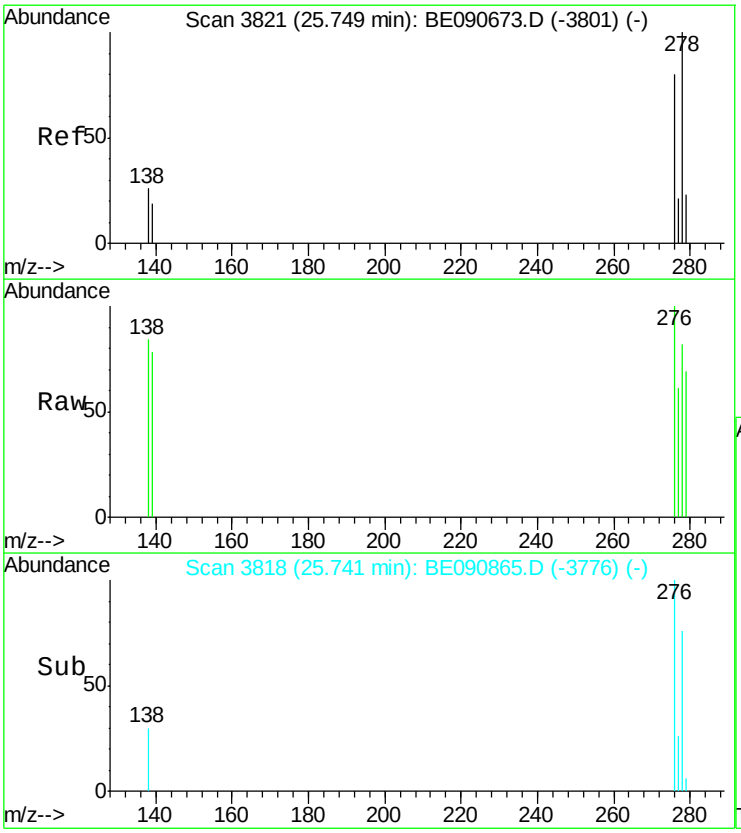
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-B

Tgt Ion:264 Resp: 211563

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.0	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Tgt Ion:278 Resp: 107

Ion	Ratio	Lower	Upper
278	100		
139	94.4	15.4	23.0#
279	83.3	18.8	28.2#