Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
Data File : BE090767.D
Acq On : 10 Sep 2015 18:43
Operator : UM/IZ
Sample : G3598-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 090815-D534-F-D-B

Quant Time: Sep 11 02:53:08 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	40333	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	180592	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	92432	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	222937	5.00	ng	0.00
25) Chrysene-d12	21.07	240	266186	5.00	ng	0.00
32) Perylene-d12	23.36	264	242372	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	30528	3.89	ng	0.00
5) Phenol-d6	6.75	99	26501	2.36	ng	0.00
7) Nitrobenzene-d5	8.71	82	50830	4.26	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	23600	8.68	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	110157	4.30	ng	0.00
27) Terphenyl-d14	19.53	244	177984	6.04	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	69	Below Cal	#	40
3) n-Nitrosodimethylamine	3.44	42	57	Below Cal	#	1
8) Nitrobenzene	8.74	77	20	0.11	ng	# 83
20) Hexachlorobenzene	16.23	284	23	Below Cal	#	1
21) Pentachlorophenol	16.58	266	15	0.46	ng	# 61
29) Chrysene	21.11	228	370	Below Cal	#	62
30) Bis(2-ethylhexyl)phthalate	21.00	149	1390	0.15	ng	# 99
36) Dibenzo(a,h)anthracene	25.74	278	8	0.14	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
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Acq On : 10 Sep 2015 18:43
Operator : UM/IZ
Sample : G3598-09
Misc :
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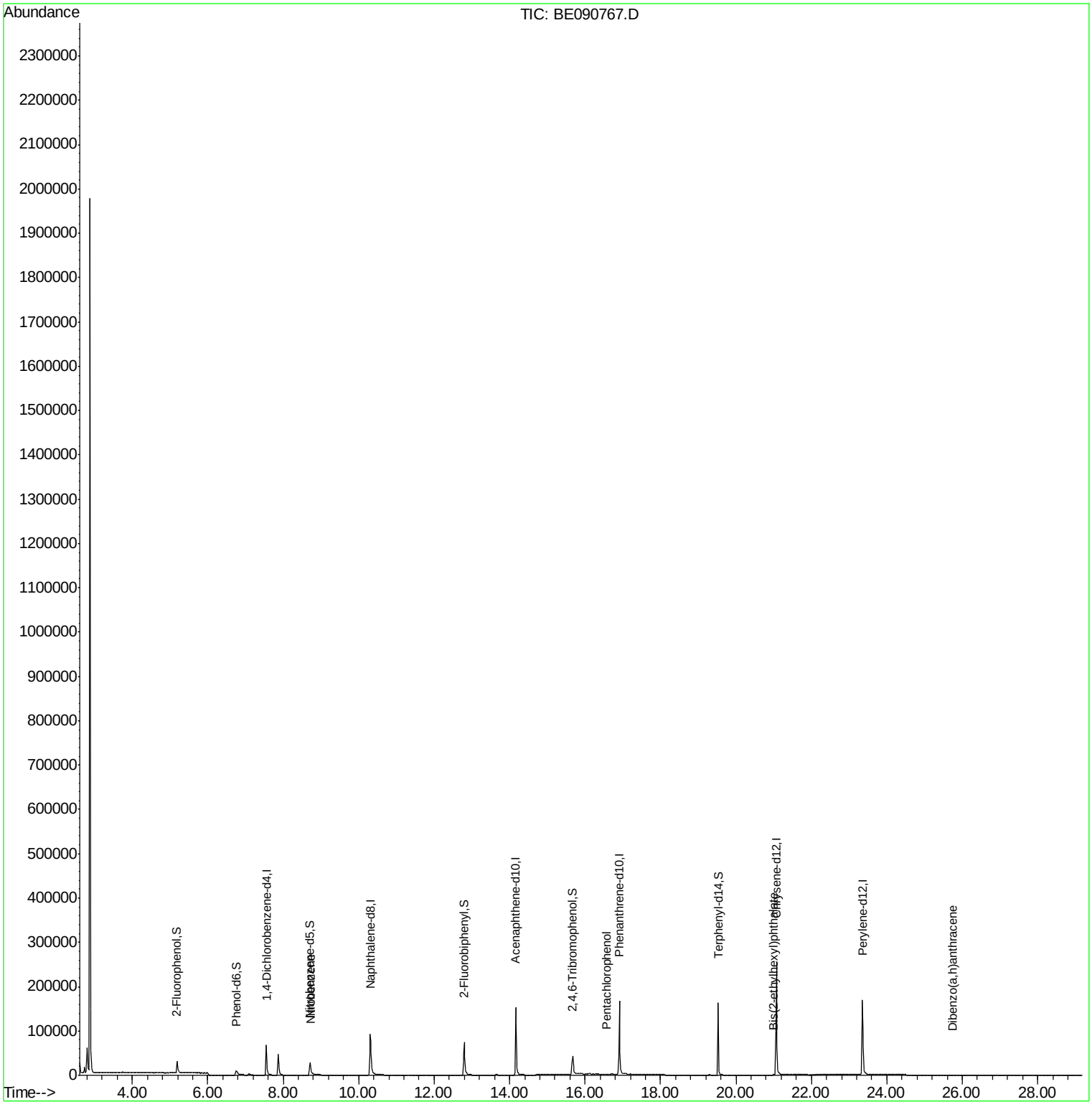
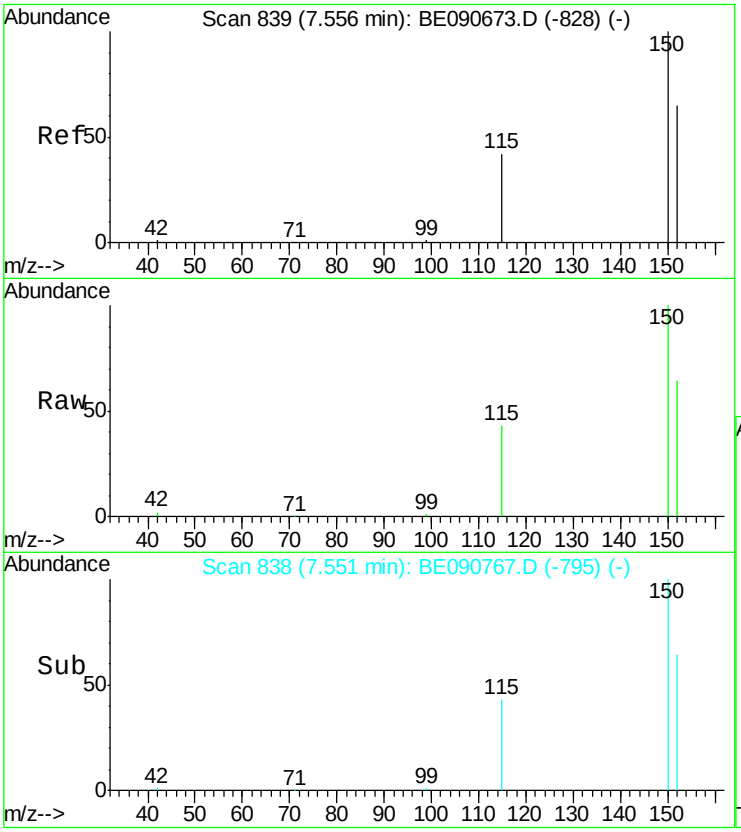
Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Quant Time: Sep 11 02:53:08 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



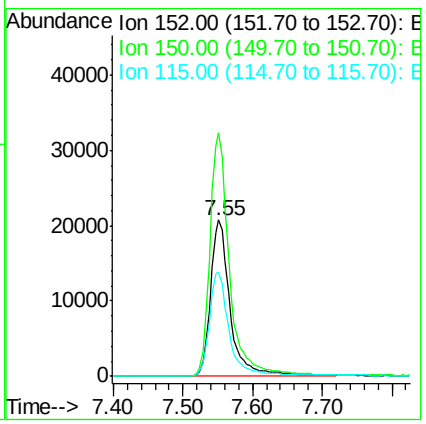


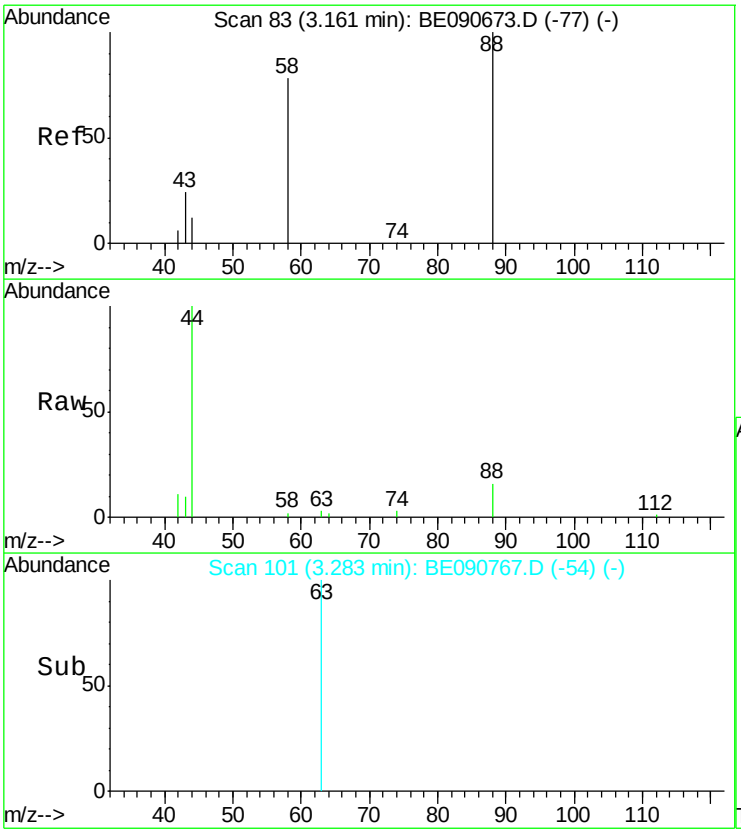
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Tgt Ion:152 Resp: 40333

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.2	183.4
115	66.7	51.0	76.4

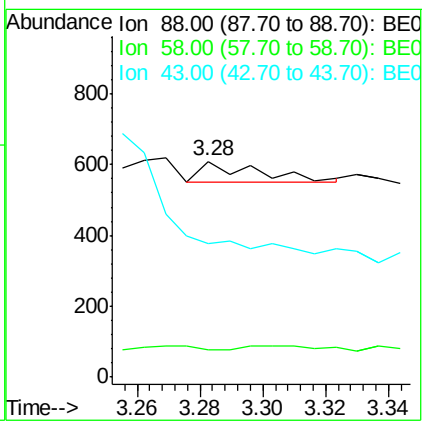


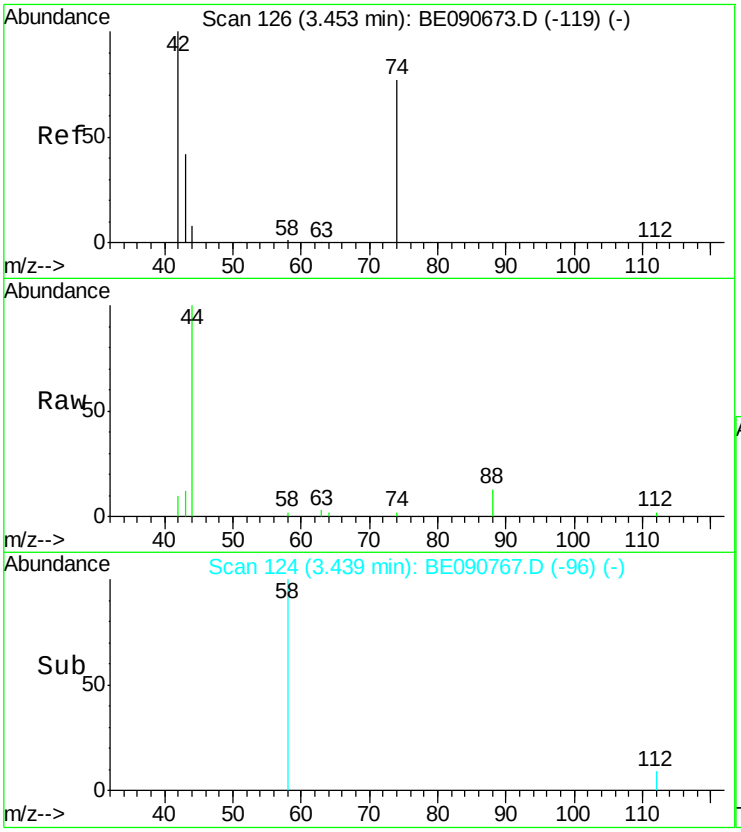


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.28 min Scan# 101
Delta R.T. 0.12 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
58	30.4	68.4	102.6#
43	0.0	26.9	40.3#



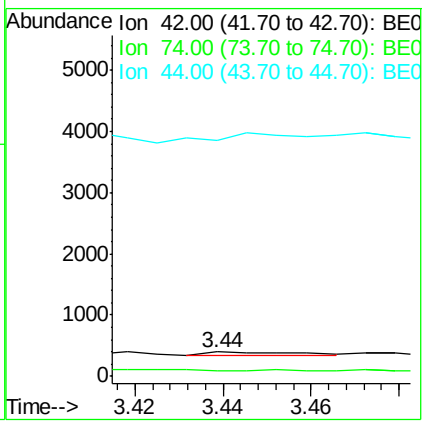


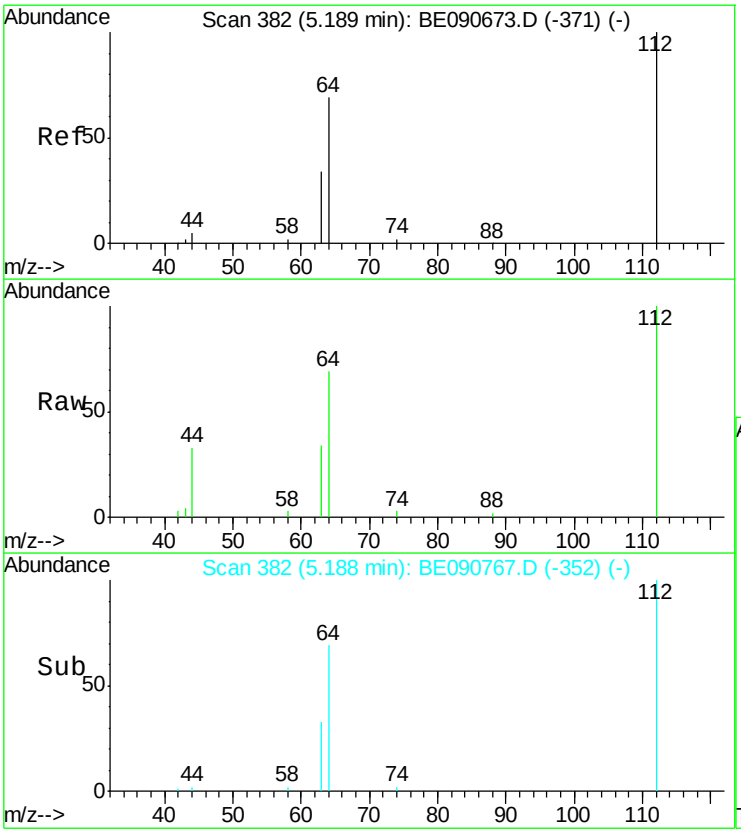
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.44 min Scan# 124
Delta R.T. -0.01 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Tgt Ion: 42 Resp: 57

Ion	Ratio	Lower	Upper
42	100		
74	15.8	83.7	125.5#
44	347.4	10.0	15.0#

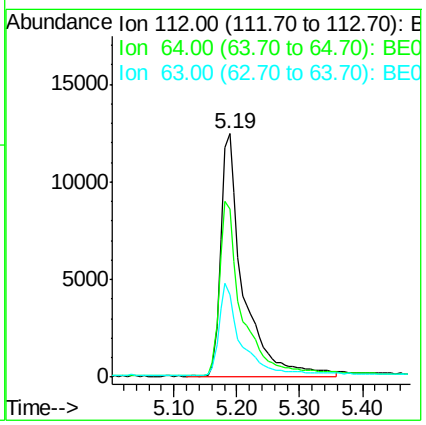


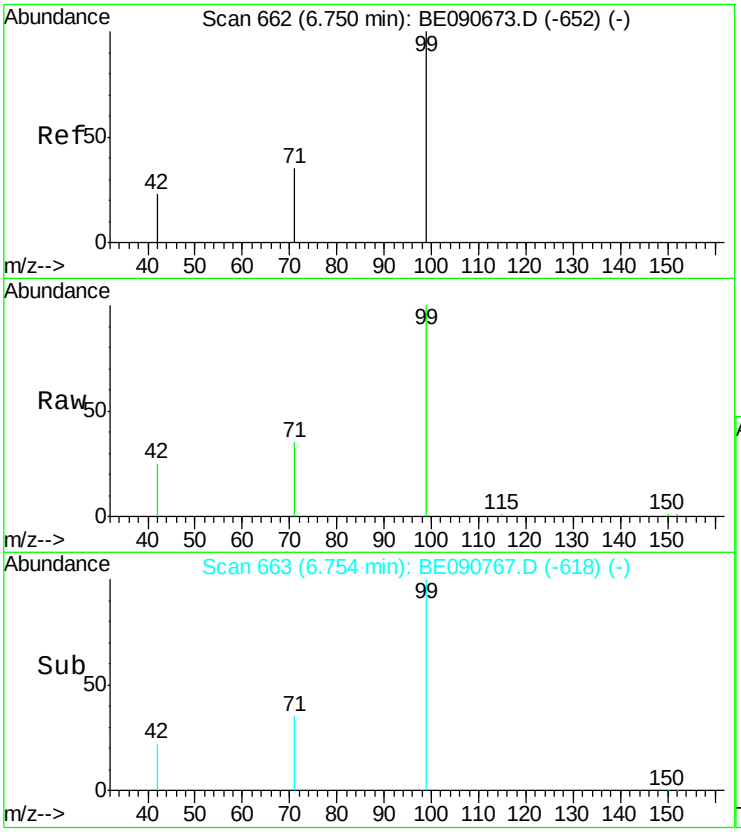


#4
2-Fluorophenol
Concen: 3.89 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion:112 Resp: 30528

Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.3	85.9
63	37.3	29.2	43.8



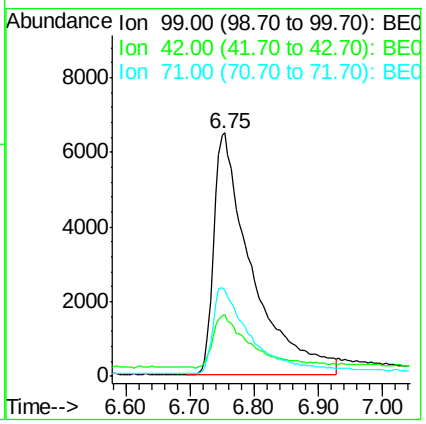


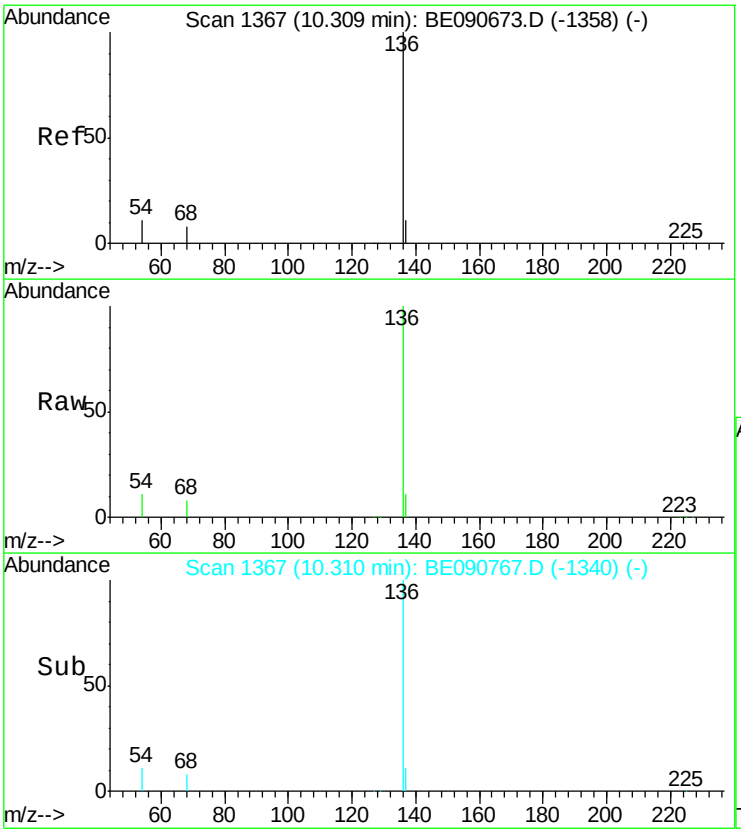
#5
Phenol-d6
Concen: 2.36 ng
RT: 6.75 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Tgt Ion: 99 Resp: 26501

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.8	25.2
71	35.8	28.3	42.5

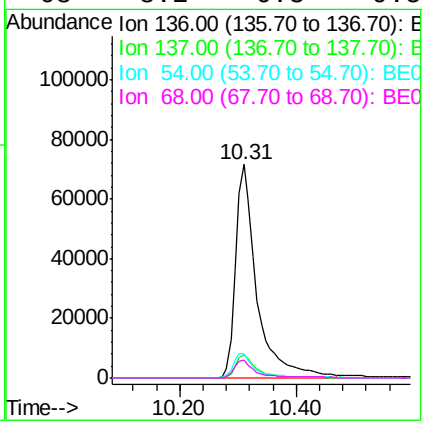


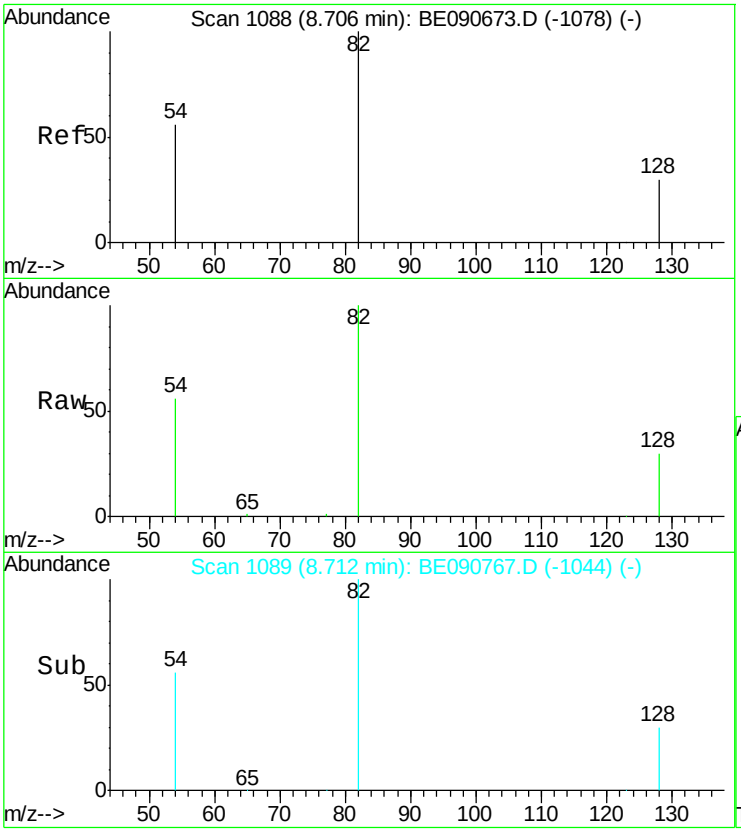


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion:136 Resp: 180592

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.5	9.0	13.6
68	8.2	6.3	9.5



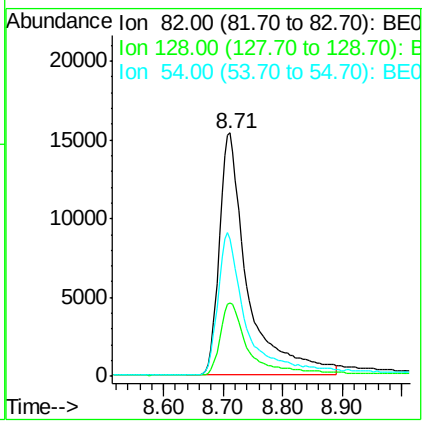


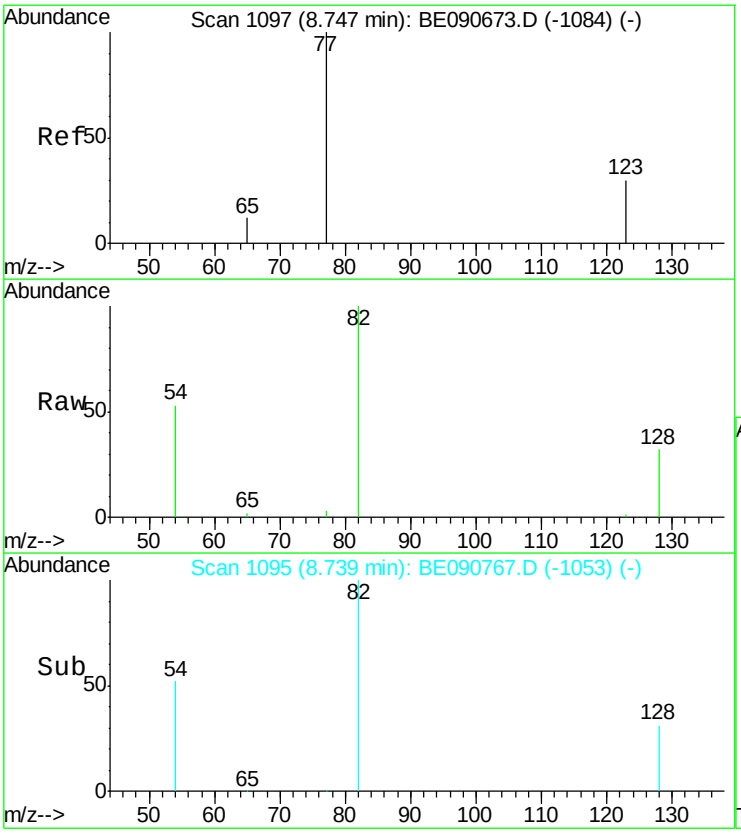
#7
Nitrobenzene-d5
Concen: 4.26 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Tgt Ion: 82 Resp: 50830

Ion	Ratio	Lower	Upper
82	100		
128	30.0	25.0	37.4
54	56.2	46.3	69.5

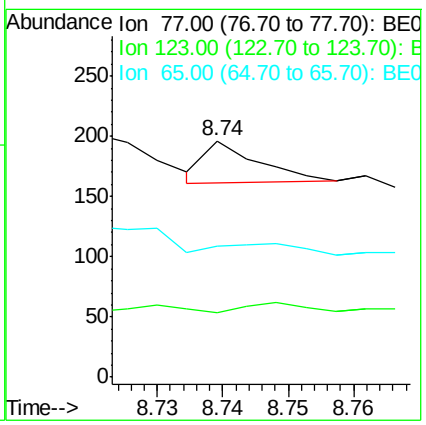


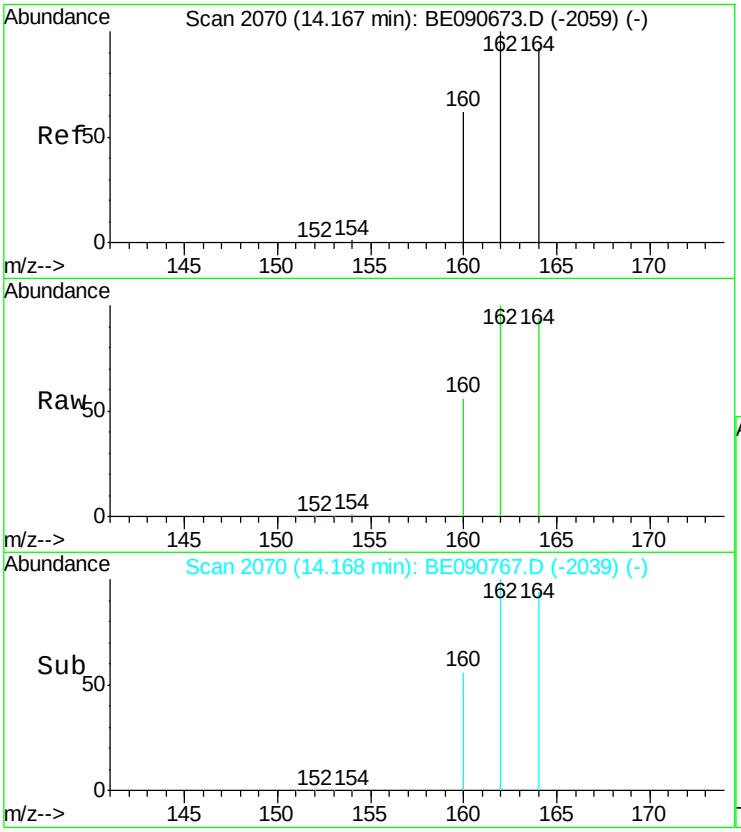


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.74 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion: 77 Resp: 20

Ion	Ratio	Lower	Upper
77	100		
123	25.0	25.1	37.7#
65	0.0	9.9	14.9#



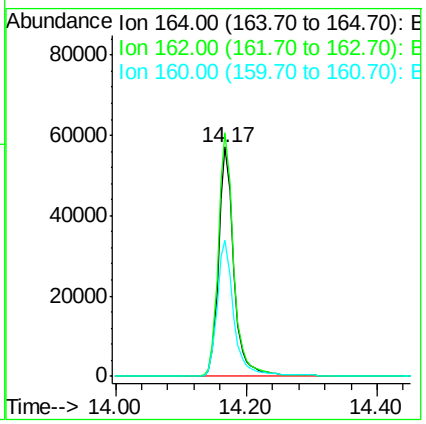


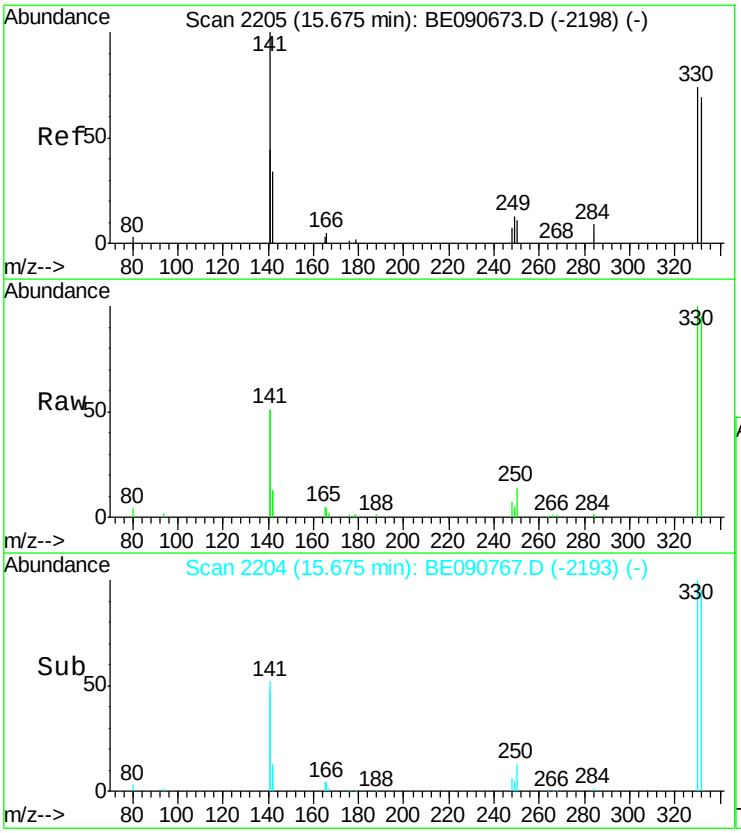
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Tgt Ion:164 Resp: 92432

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.8	130.2
160	59.7	53.9	80.9

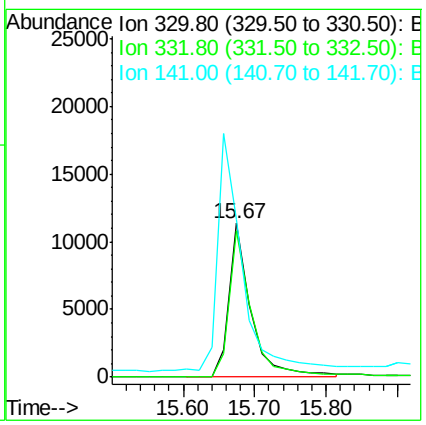


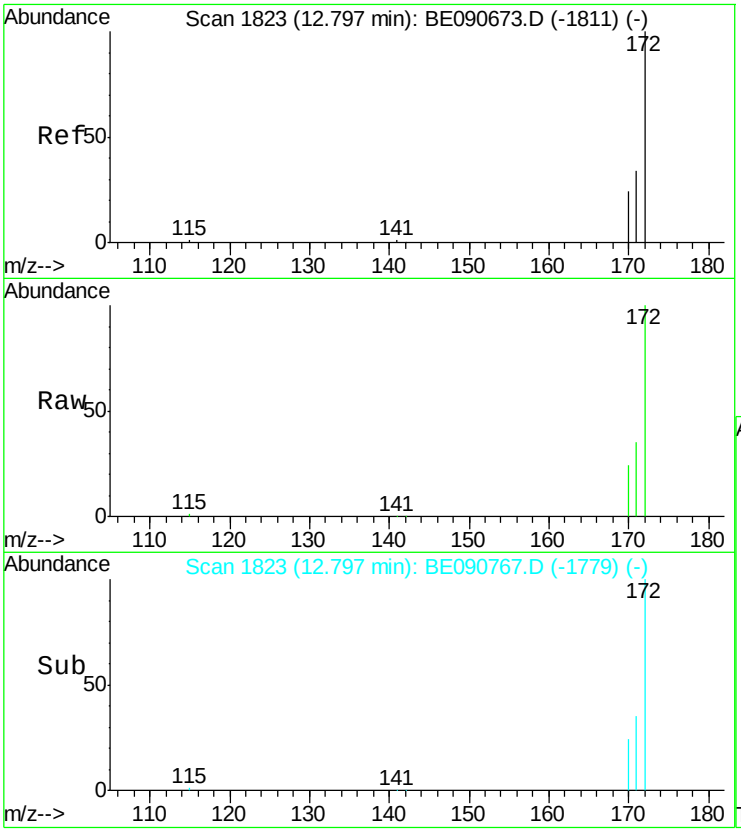


#13
2,4,6-Tribromophenol
Concen: 8.68 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion:330 Resp: 23600

Ion	Ratio	Lower	Upper
330	100		
332	97.3	74.9	112.3
141	176.7	145.2	217.8



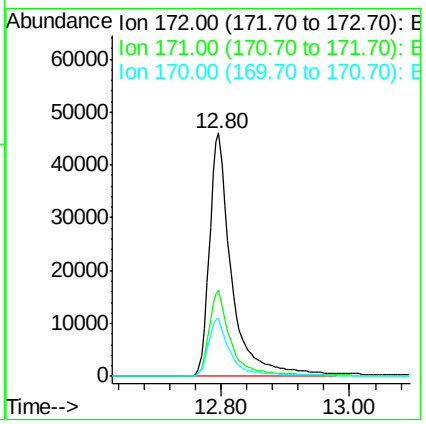


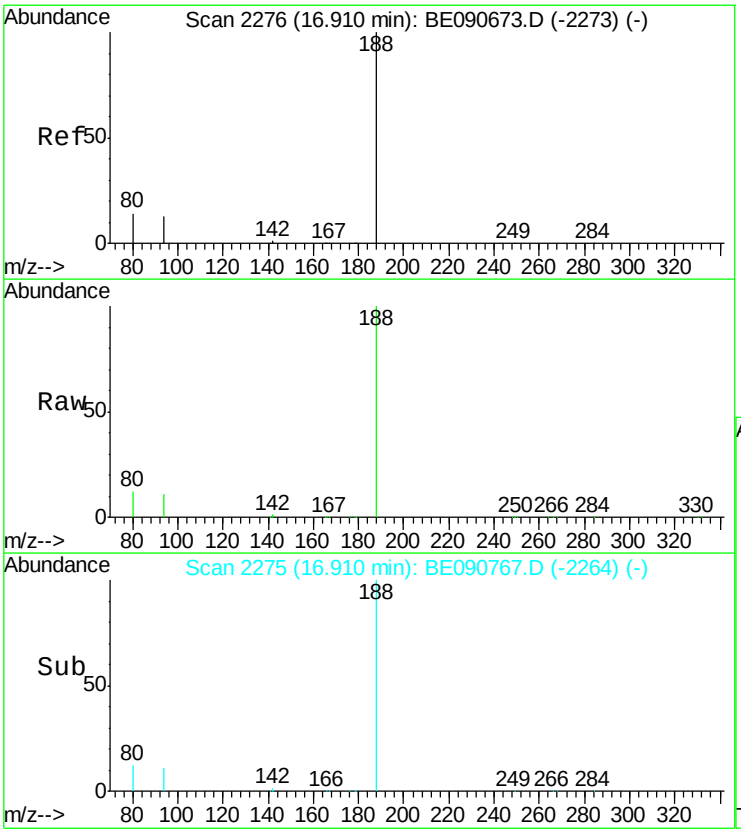
#14
2-Fluorobiphenyl
Concen: 4.30 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Tgt Ion:172 Resp: 110157

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	23.6	19.8	29.6

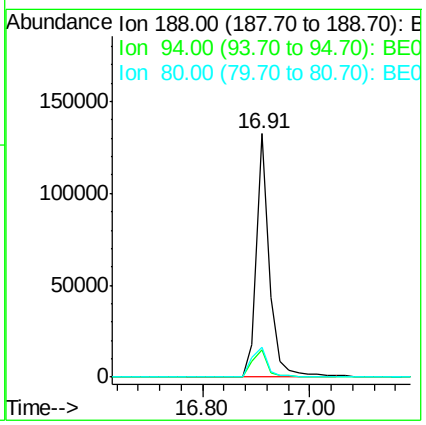


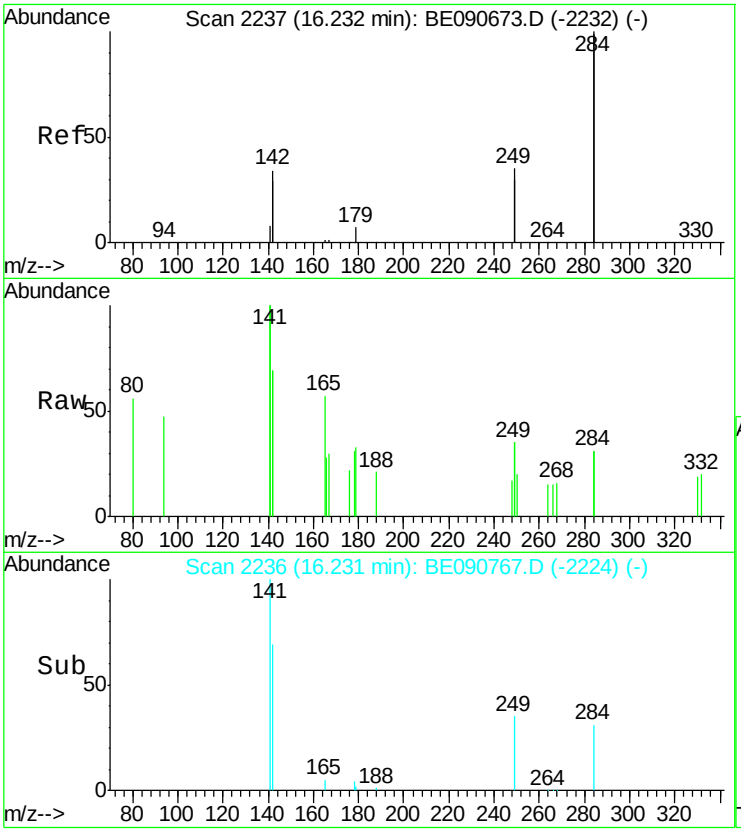


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion:188 Resp: 222937

Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.3	15.5
80	12.1	11.0	16.6



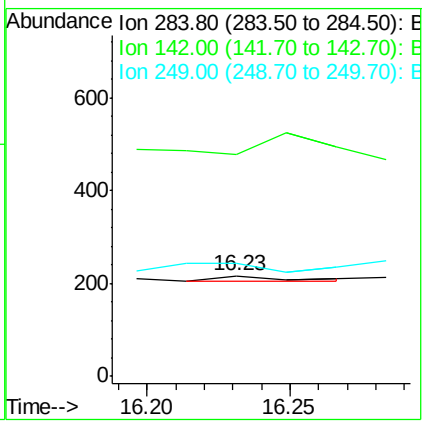


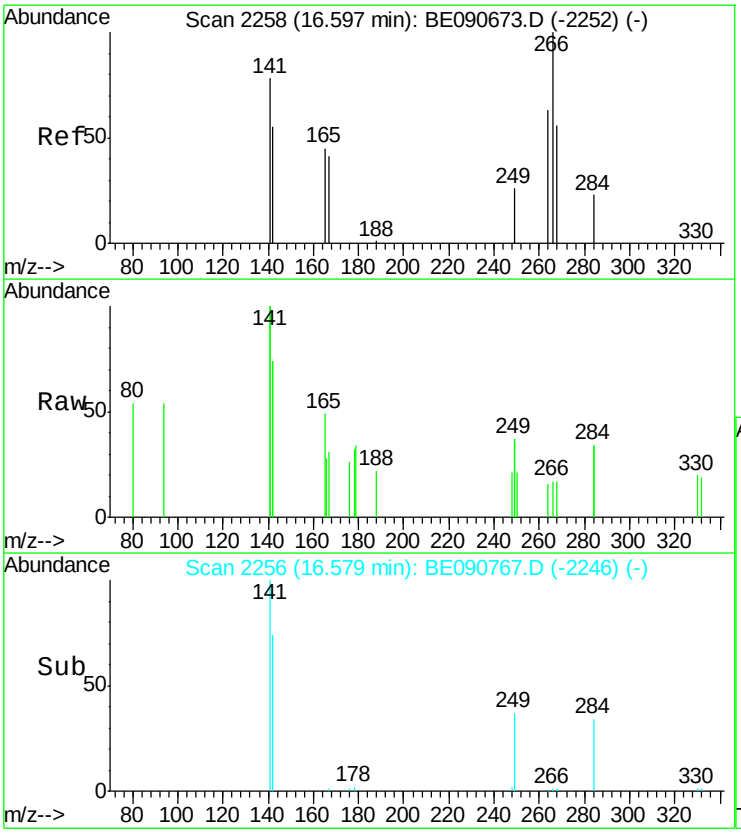
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Tgt Ion:284 Resp: 23

Ion	Ratio	Lower	Upper
284	100		
142	1152.2	35.0	52.4#
249	300.0	25.5	38.3#

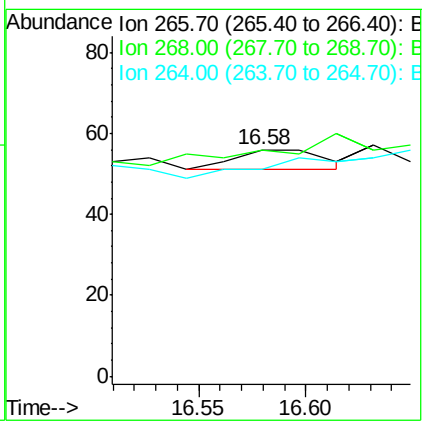


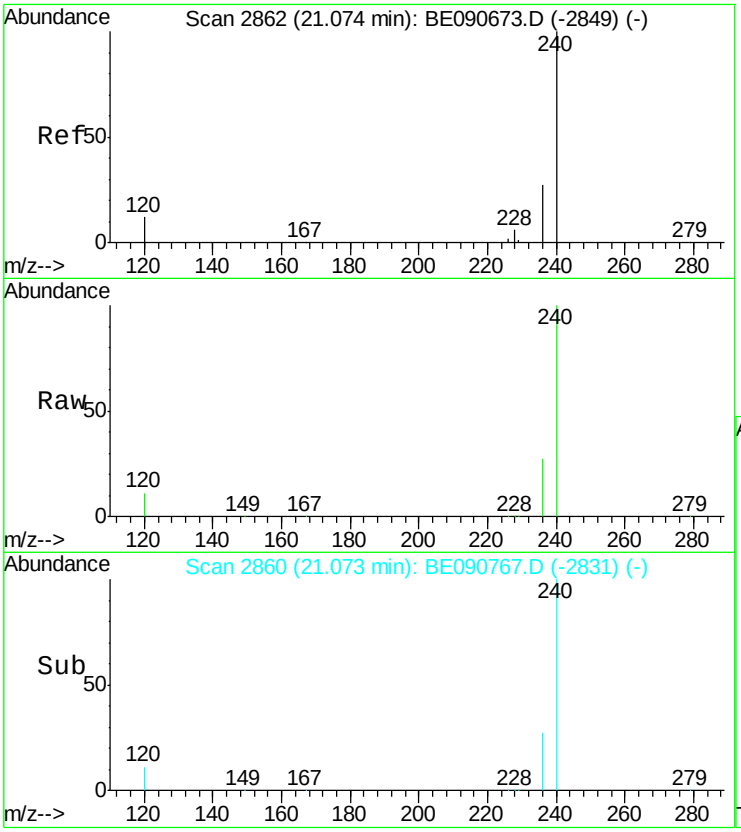


#21
Pentachlorophenol
Concen: 0.46 ng
RT: 16.58 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion:266 Resp: 15

Ion	Ratio	Lower	Upper
266	100		
268	100.0	49.6	74.4#
264	91.1	53.9	80.9#



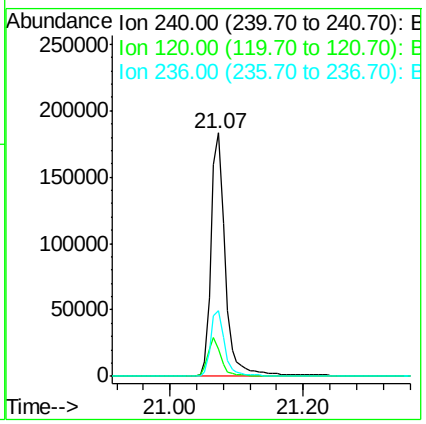


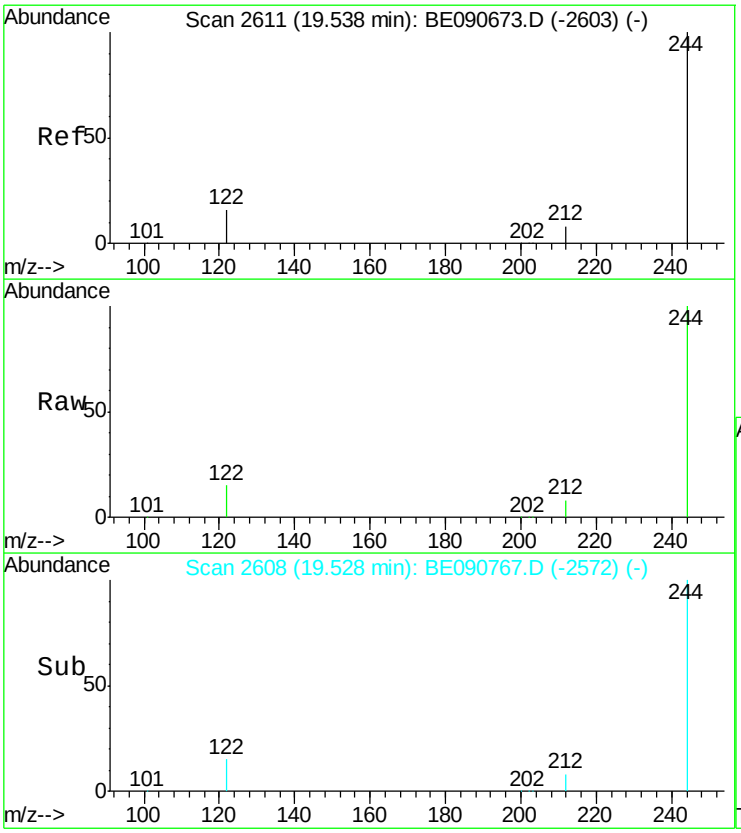
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Tgt Ion:240 Resp: 266186

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.1	15.1
236	26.8	21.9	32.9

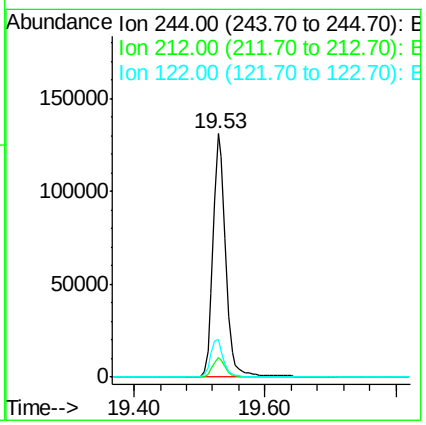


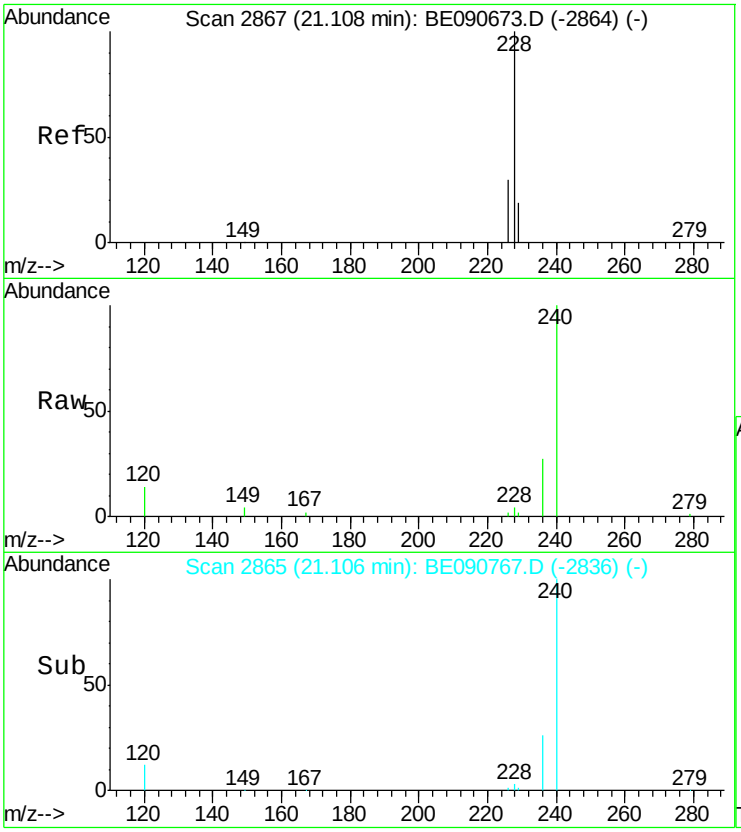


#27
Terphenyl-d14
Concen: 6.04 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion:244 Resp: 177984

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	15.4	12.9	19.3



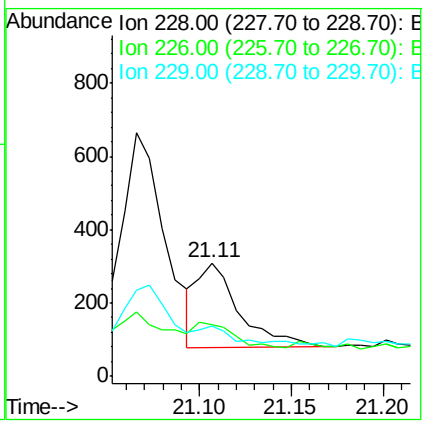


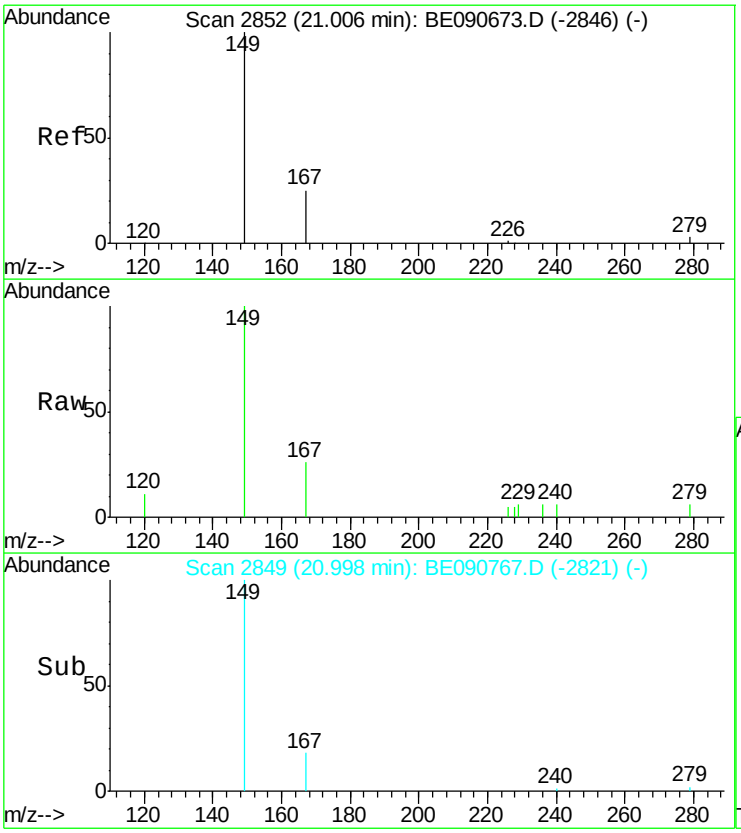
#29
Chrysene
Concen: Below Cal
RT: 21.11 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Tgt Ion:228 Resp: 370

Ion	Ratio	Lower	Upper
228	100		
226	45.2	24.2	36.4#
229	44.2	15.3	22.9#

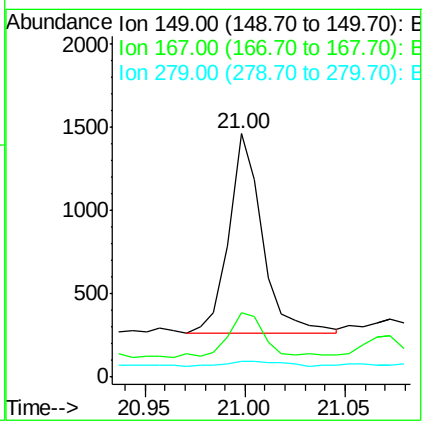


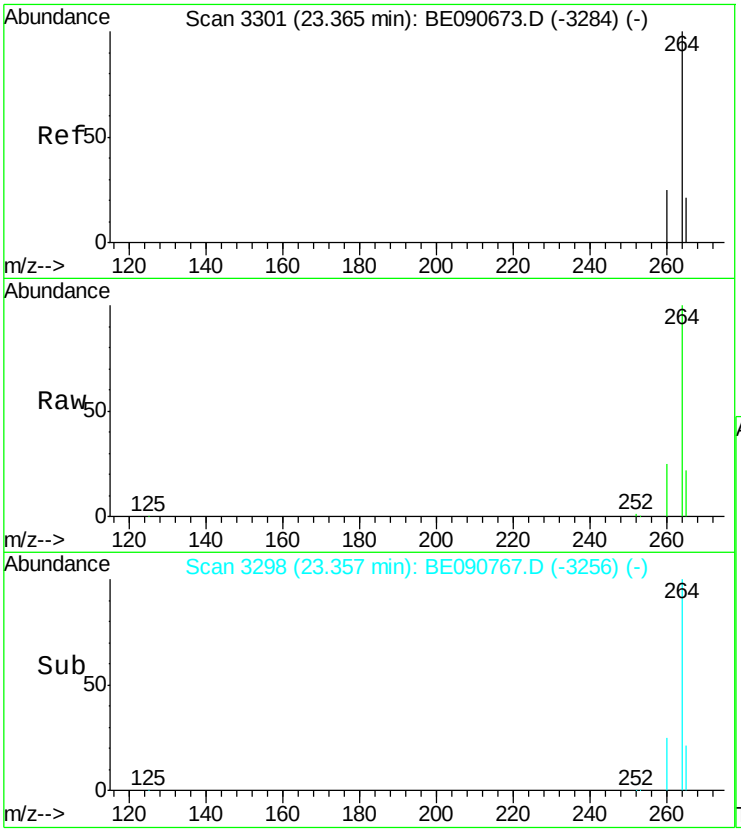


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.00 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion:149 Resp: 1390

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.1	30.1
279	3.8	2.3	3.5#



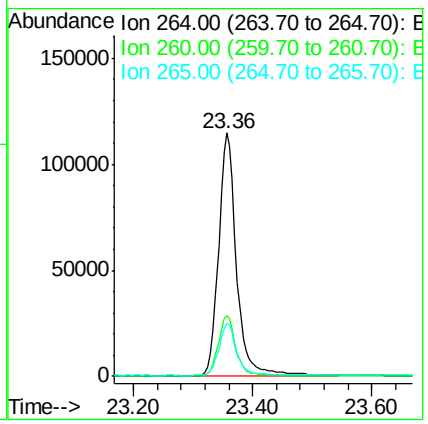


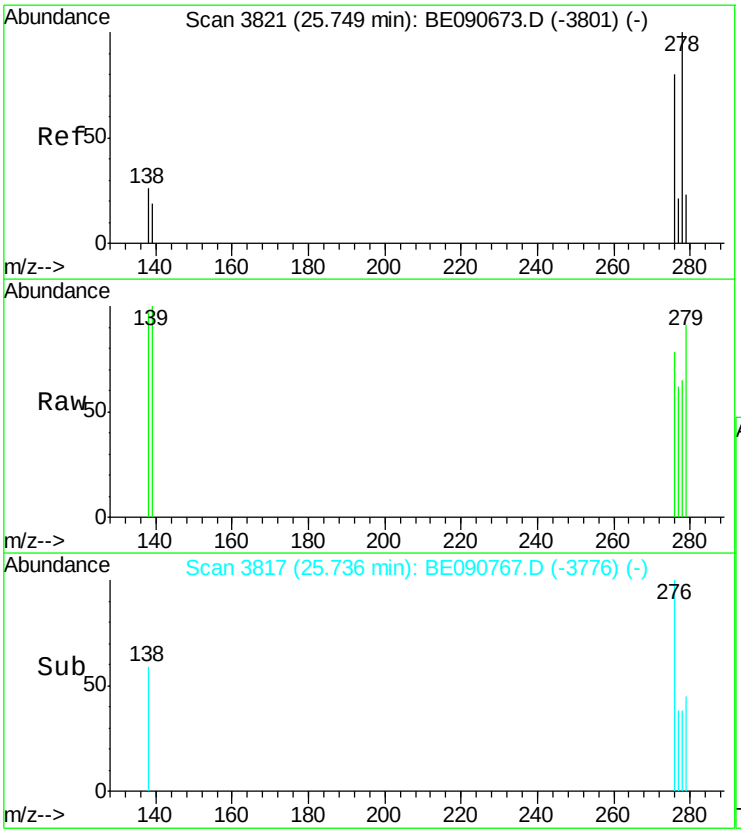
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Tgt Ion:264 Resp: 242372

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.9	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion:278 Resp: 8

Ion	Ratio	Lower	Upper
278	100		
139	153.4	15.4	23.0#
279	139.7	18.8	28.2#