Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090822.D
Acq On : 15 Sep 2015 5:19
Operator : UM/IZ
Sample : G3658-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091315-D534-F-U-S

Quant Time: Sep 15 07:17:19 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	30518	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	130369	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	68357	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	184783	5.00	ng		0.00
25) Chrysene-d12	21.07	240	244952	5.00	ng		0.00
32) Perylene-d12	23.35	264	232094	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	20958	3.53	ng		0.00
5) Phenol-d6	6.75	99	16071	1.89	ng		0.00
7) Nitrobenzene-d5	8.71	82	36162	4.20	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	16142	8.04	ng		0.00
14) 2-Fluorobiphenyl	12.80	172	81348	4.30	ng		0.00
27) Terphenyl-d14	19.53	244	155862	5.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	103	Below Cal		#	16
3) n-Nitrosodimethylamine	3.45	42	30	Below Cal		#	1
8) Nitrobenzene	8.71	77	83	0.12	ng	#	49
9) Naphthalene	10.36	128	962	0.03	ng	#	69
20) Hexachlorobenzene	16.23	284	63	Below Cal		#	1
21) Pentachlorophenol	16.54	266	16	0.47	ng	#	69
29) Chrysene	21.07	228	1018	Below Cal		#	75
30) Bis(2-ethylhexyl)phthalate	21.00	149	698	0.11	ng	#	99
36) Dibenzo(a,h)anthracene	25.72	278	14	0.14	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
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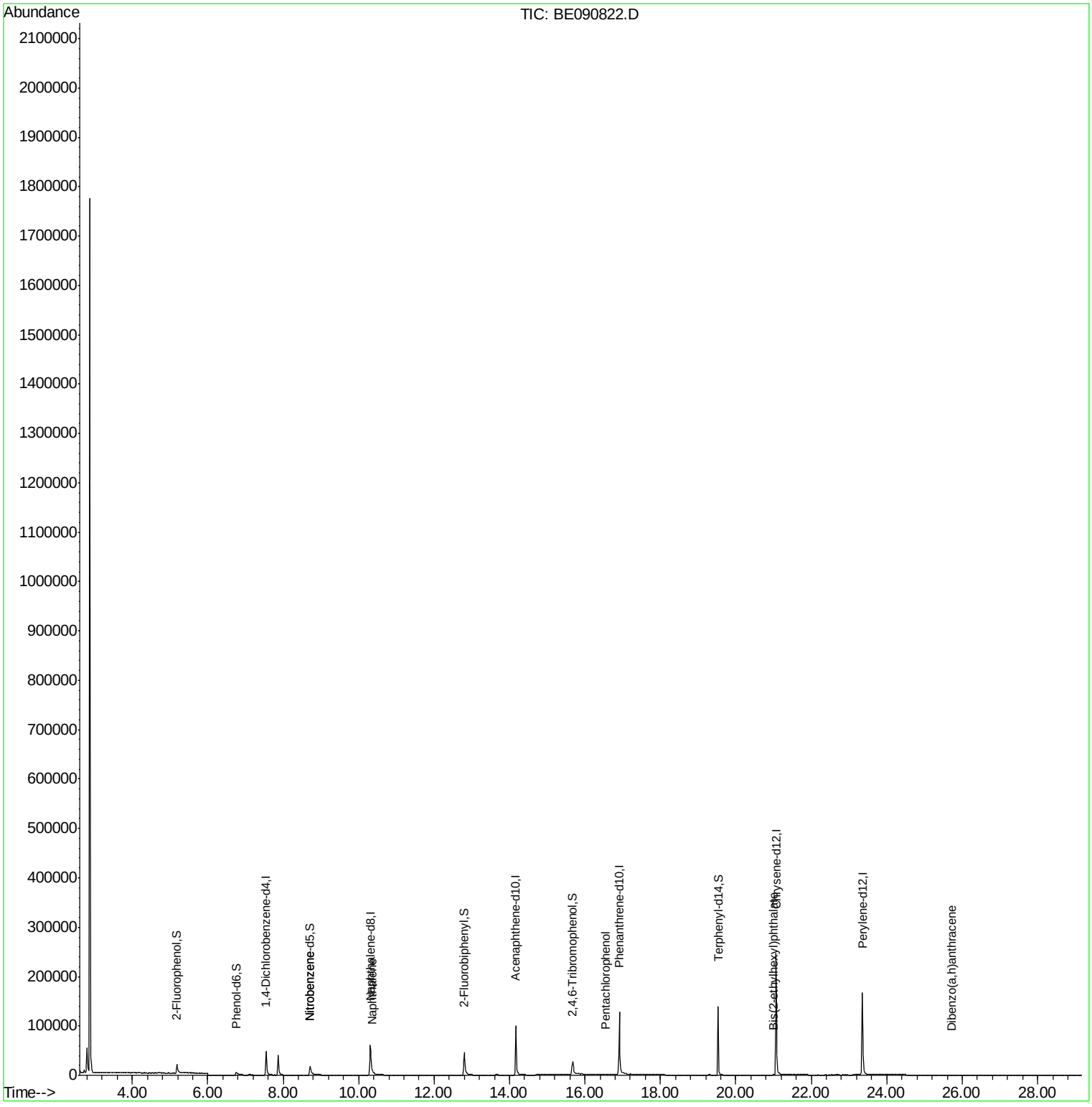
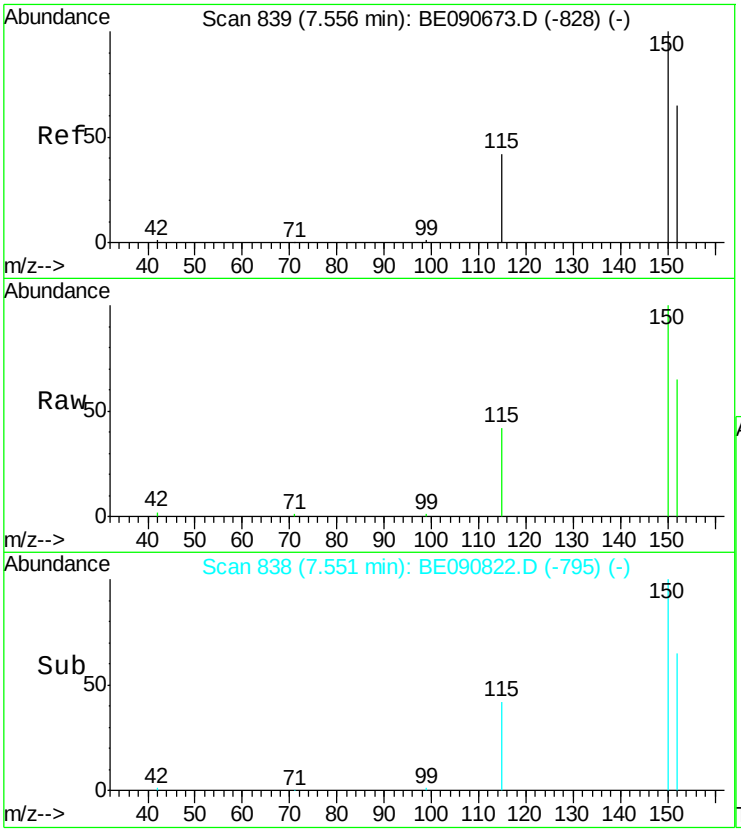
Quant Time: Sep 15 07:17:19 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration



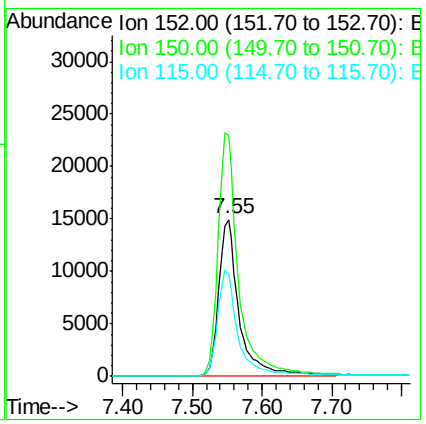


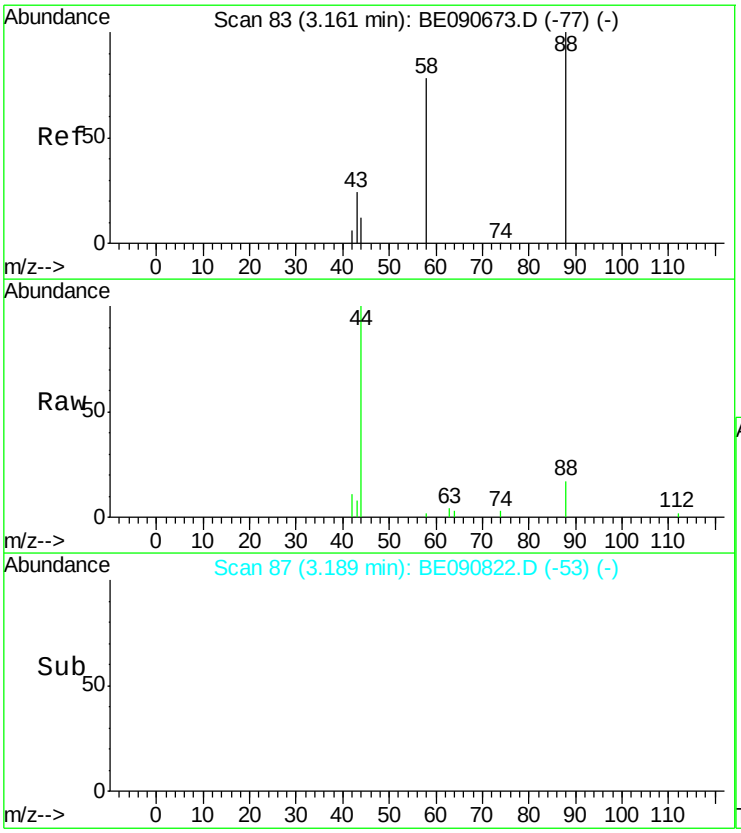
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-U-S

Tgt Ion:152 Resp: 30518

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.2	183.4
115	64.9	51.0	76.4

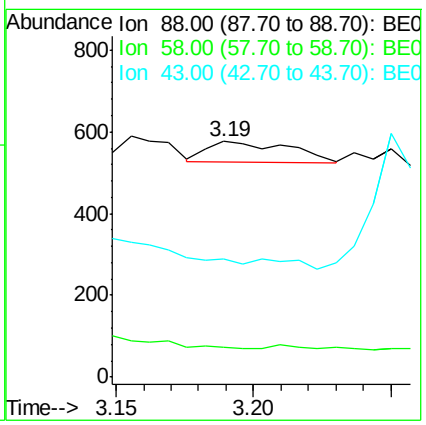


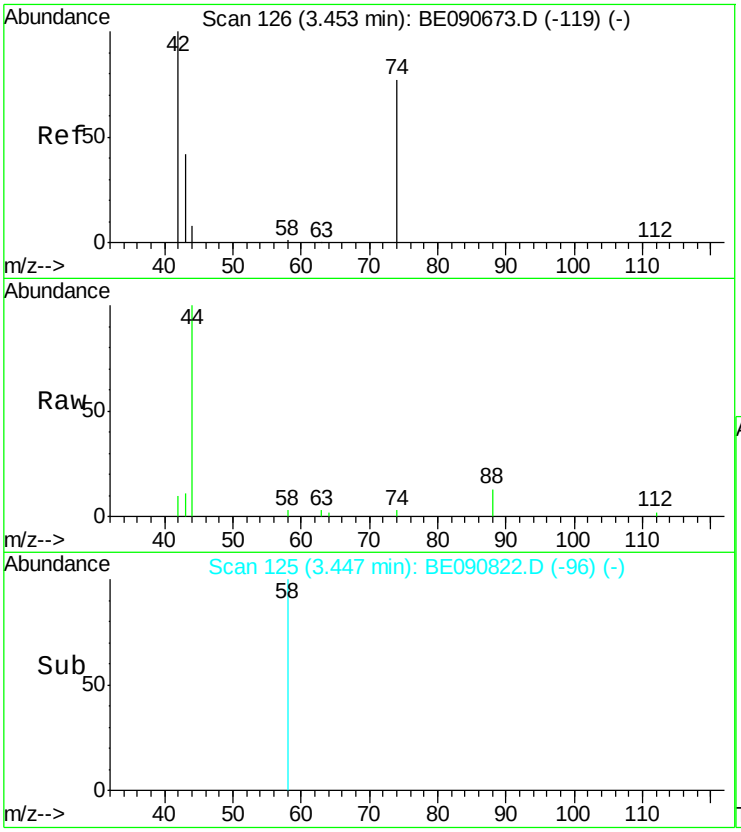


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.19 min Scan# 87
Delta R.T. 0.03 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Tgt Ion: 88 Resp: 103

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



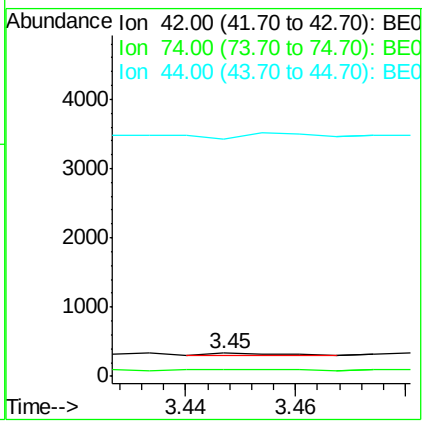


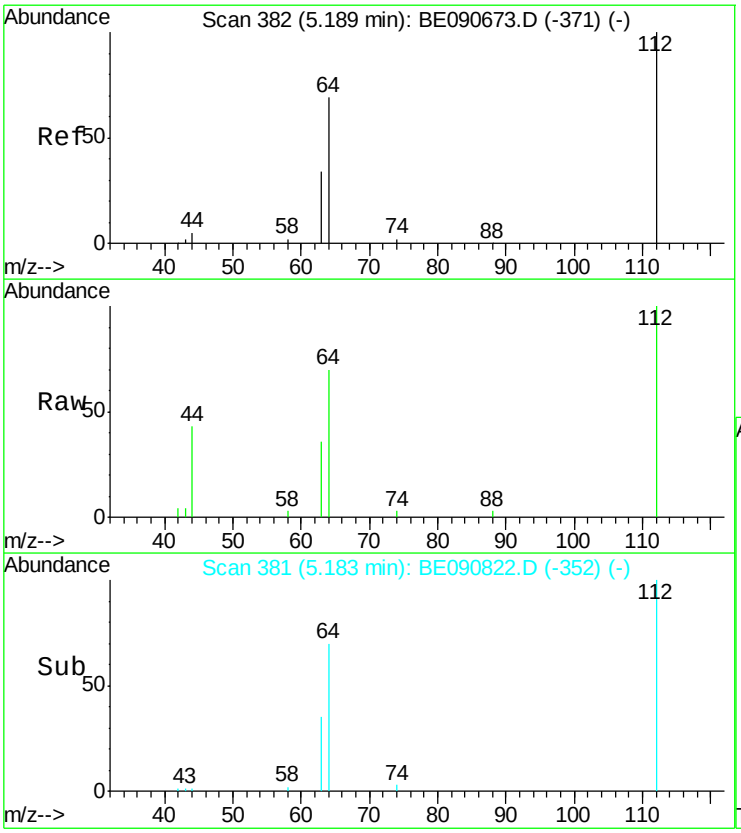
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 125
Delta R.T. -0.00 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-U-S

Tgt Ion: 42 Resp: 30

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	330.0	10.0	15.0#

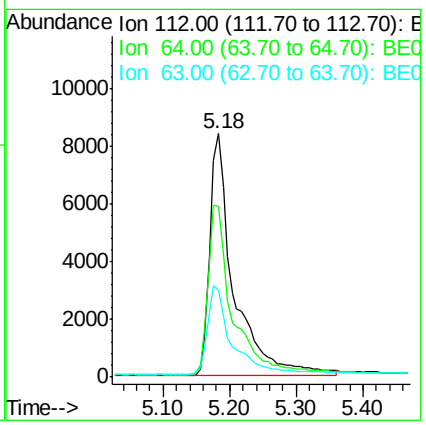


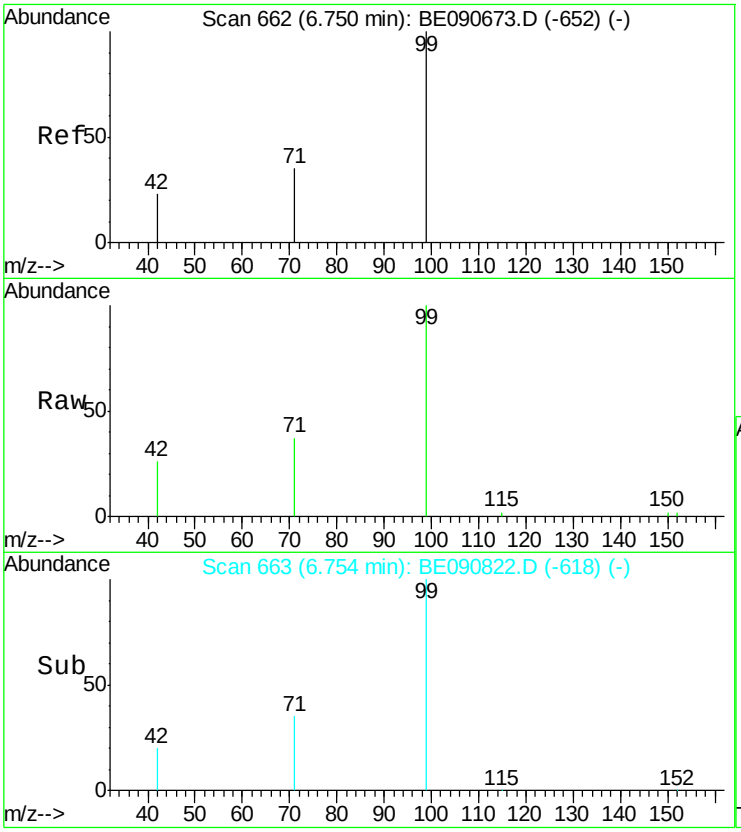


#4
2-Fluorophenol
Concen: 3.53 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Tgt Ion:112 Resp: 20958

Ion	Ratio	Lower	Upper
112	100		
64	72.4	57.3	85.9
63	37.6	29.2	43.8



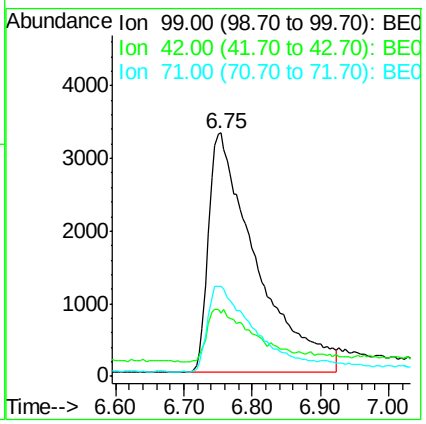


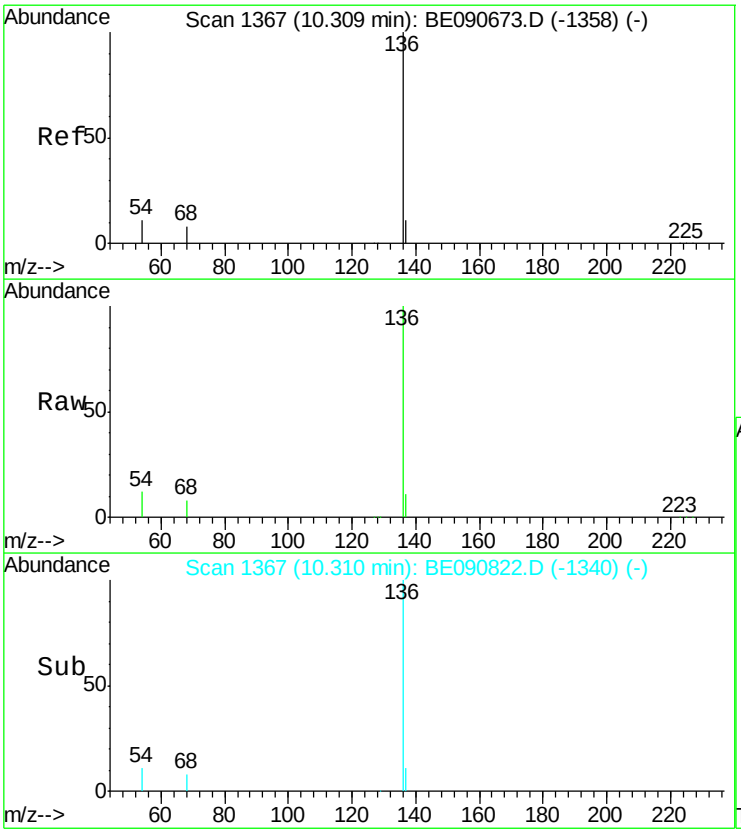
#5
Phenol-d6
Concen: 1.89 ng
RT: 6.75 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-U-S

Tgt Ion: 99 Resp: 16071

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.8	25.2
71	35.4	28.3	42.5

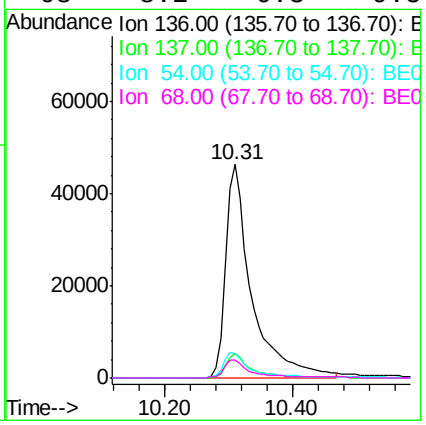


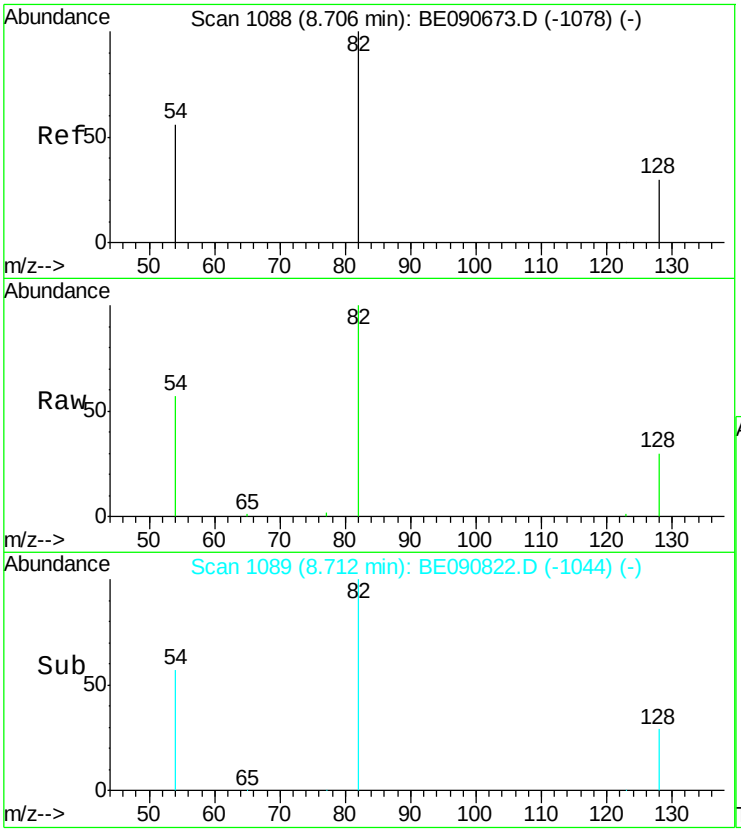


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Tgt Ion:136 Resp: 130369

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.5	9.0	13.6
68	8.2	6.3	9.5



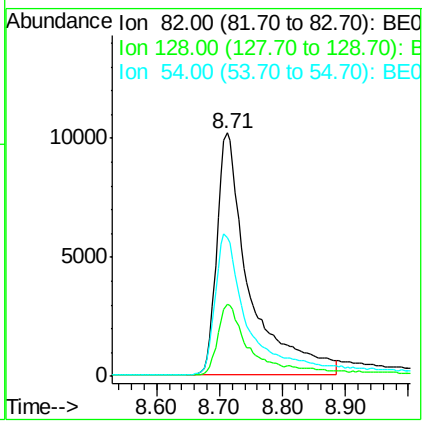


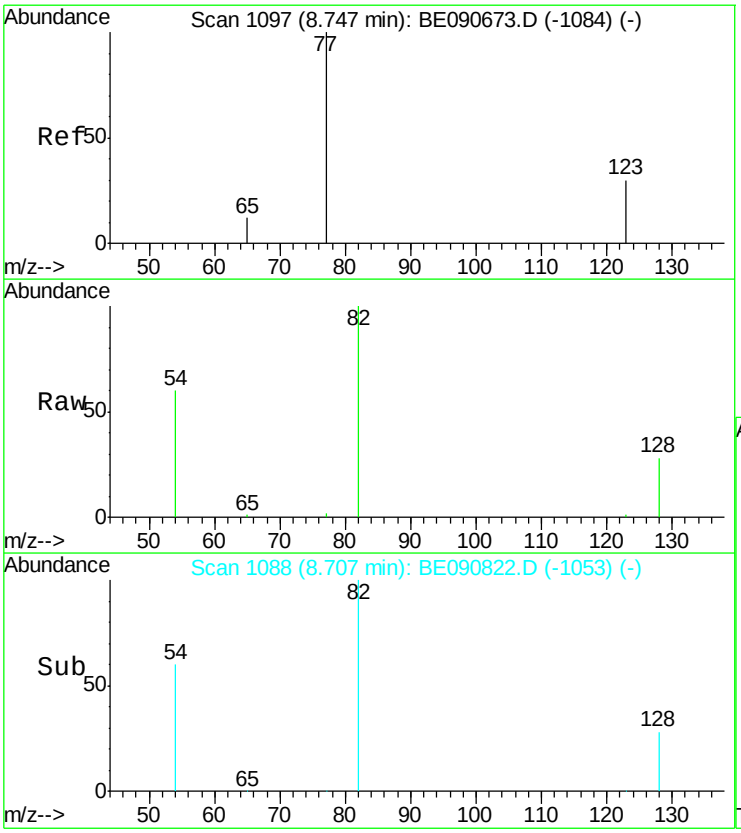
#7
Nitrobenzene-d5
Concen: 4.20 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-U-S

Tgt Ion: 82 Resp: 36162

Ion	Ratio	Lower	Upper
82	100		
128	29.7	25.0	37.4
54	57.0	46.3	69.5

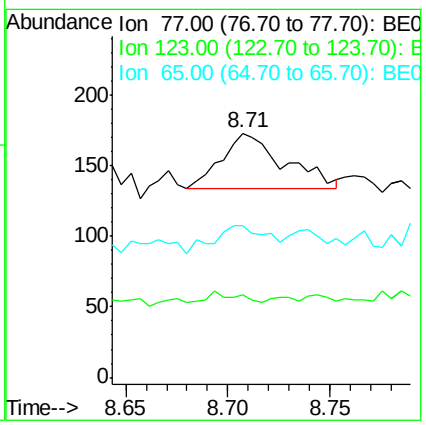


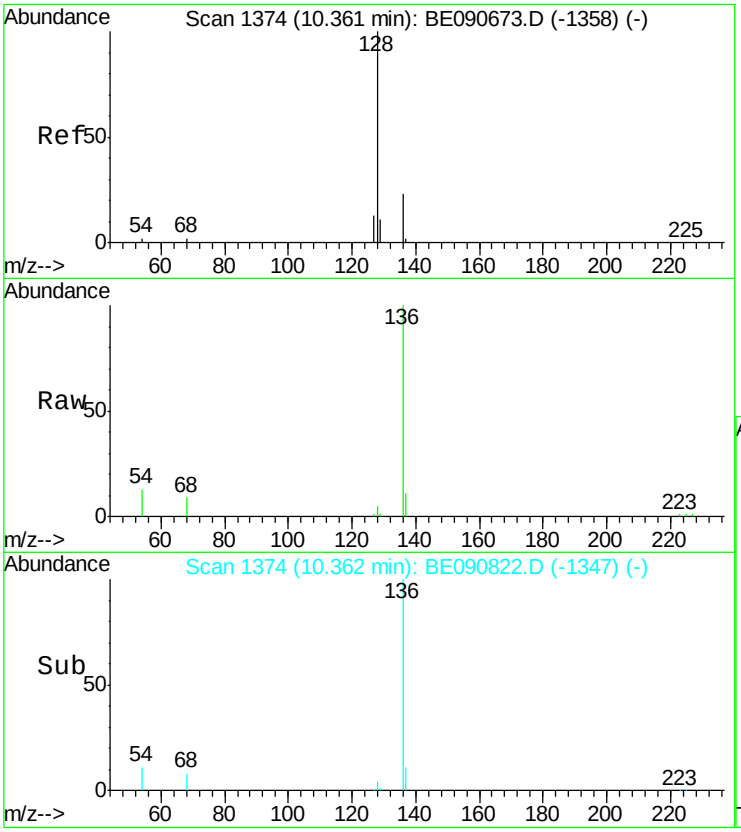


#8
Nitrobenzene
Concen: 0.12 ng
RT: 8.71 min Scan# 1088
Delta R.T. -0.04 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Tgt Ion: 77 Resp: 83

Ion	Ratio	Lower	Upper
77	100		
123	8.4	25.1	37.7#
65	42.2	9.9	14.9#



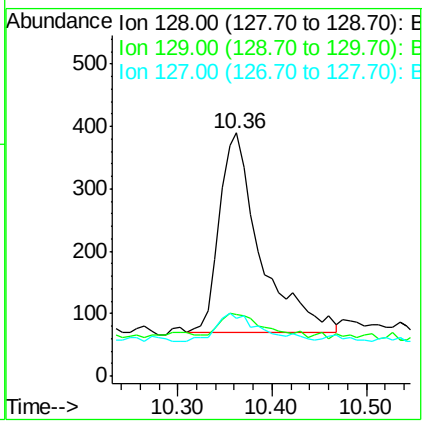


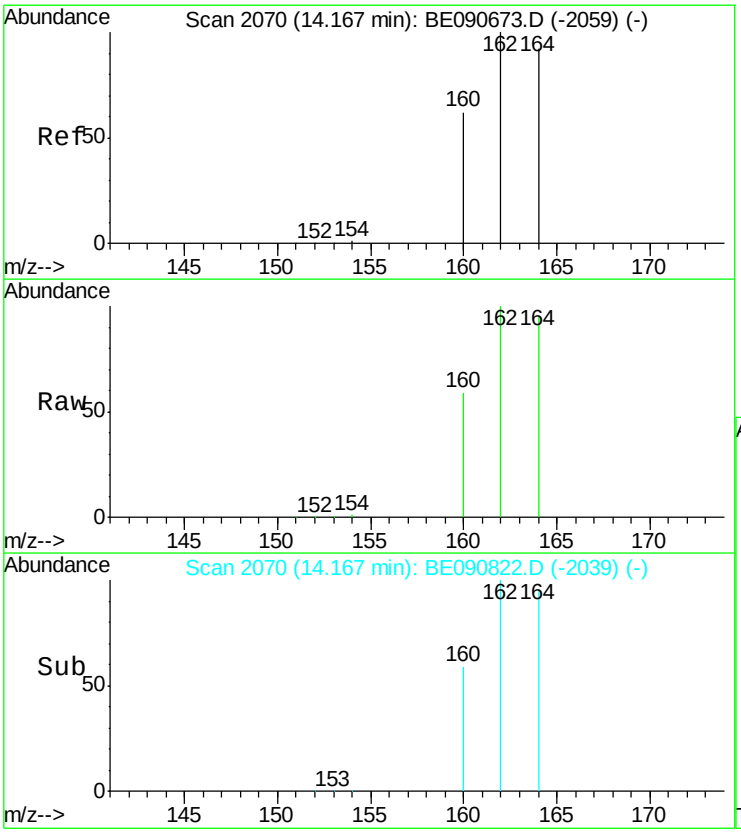
#9
Naphthalene
Concen: 0.03 ng
RT: 10.36 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-U-S

Tgt Ion:128 Resp: 962

Ion	Ratio	Lower	Upper
128	100		
129	25.1	9.0	13.6#
127	23.6	10.6	15.8#

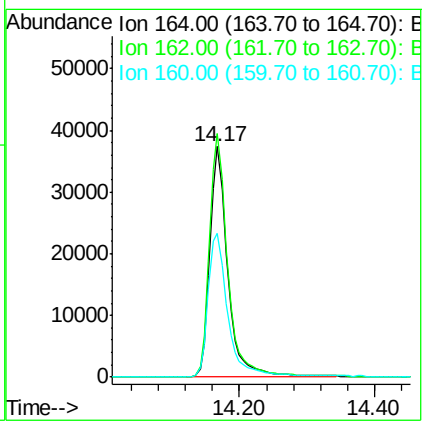


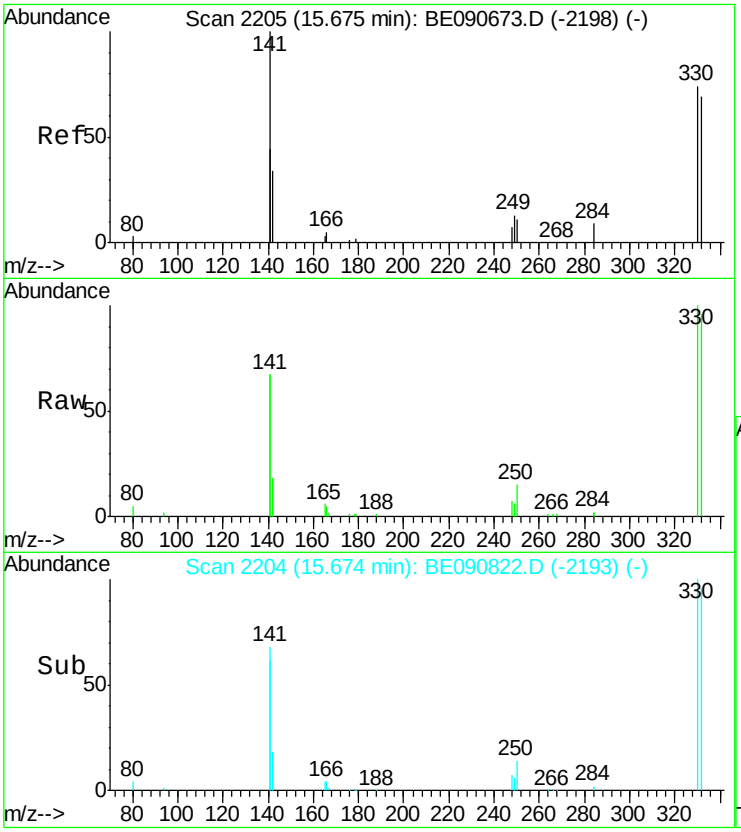


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Tgt Ion:164 Resp: 68357

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.8	130.2
160	62.4	53.9	80.9



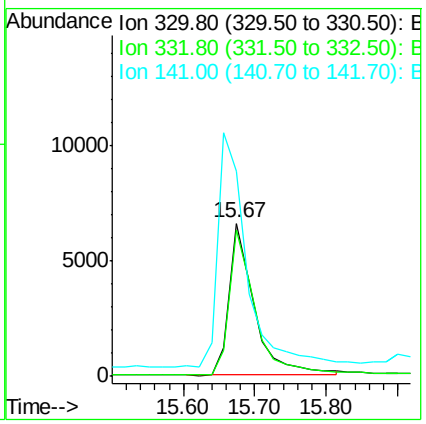


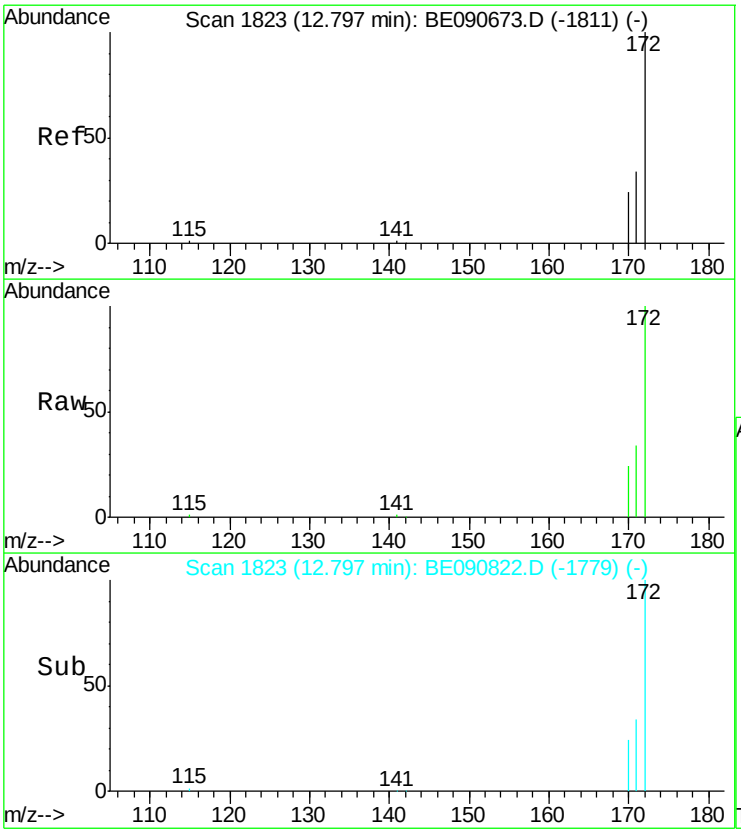
#13
2,4,6-Tribromophenol
Concen: 8.04 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-U-S

Tgt Ion:330 Resp: 16142

Ion	Ratio	Lower	Upper
330	100		
332	97.7	74.9	112.3
141	178.3	145.2	217.8

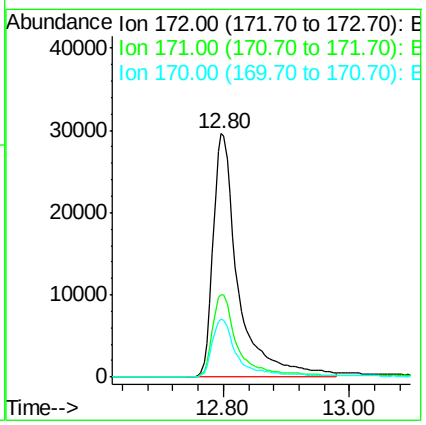


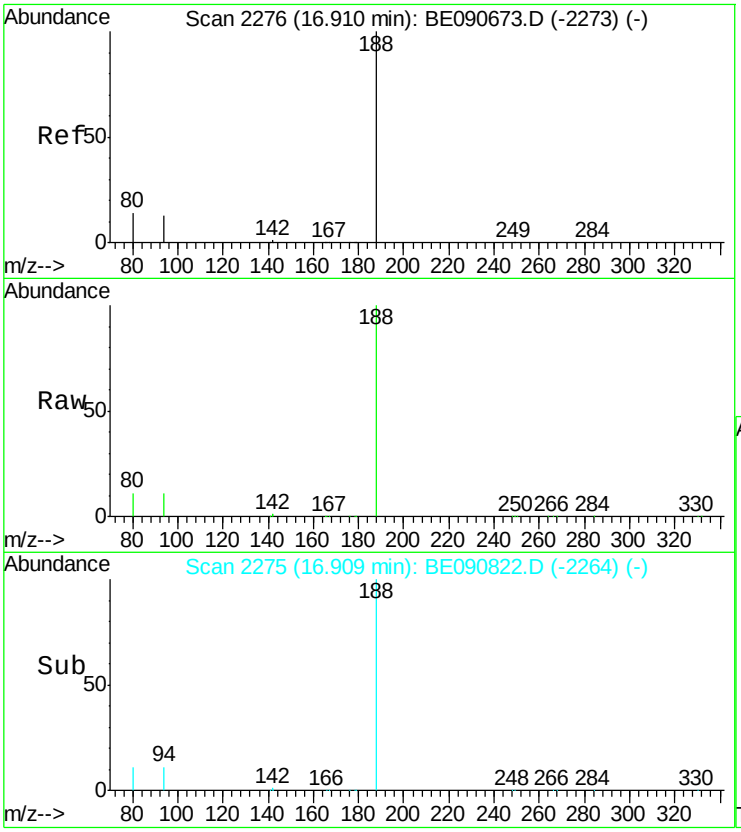


#14
2-Fluorobiphenyl
Concen: 4.30 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Tgt Ion:172 Resp: 81348

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.8
170	24.0	19.8	29.6



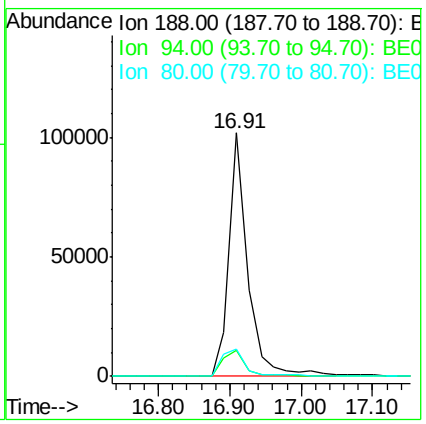


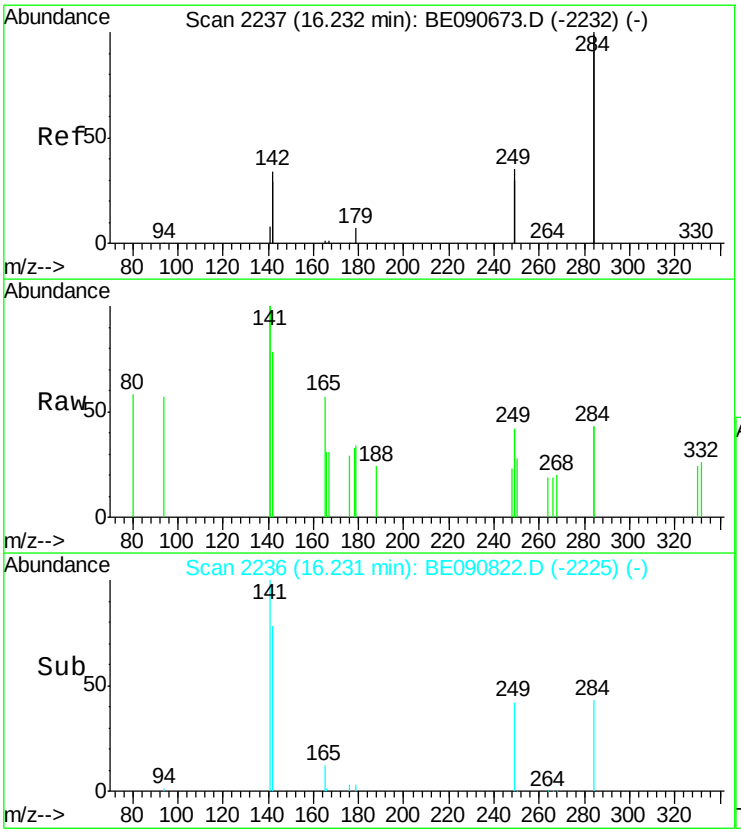
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-U-S

Tgt Ion:188 Resp: 184783

Ion	Ratio	Lower	Upper
188	100		
94	10.8	10.3	15.5
80	11.4	11.0	16.6

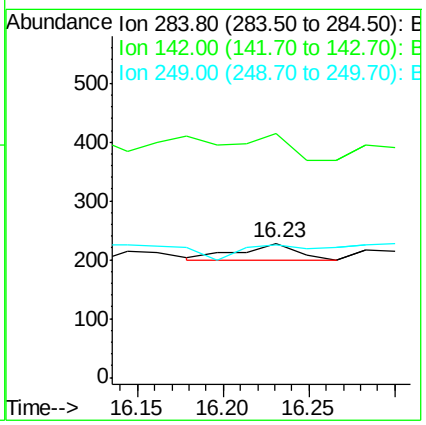


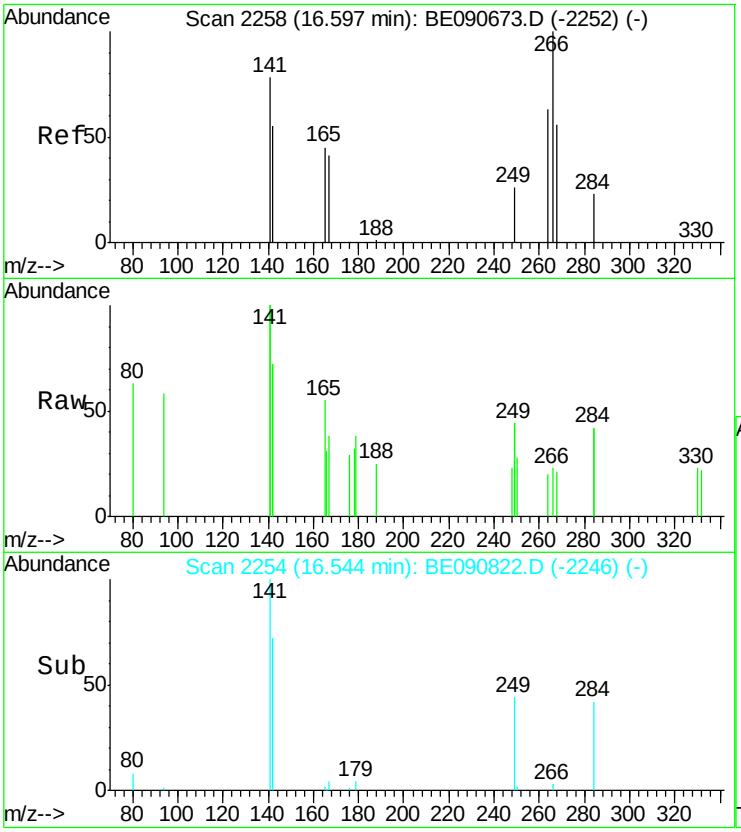


#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Tgt Ion:284 Resp: 63

Ion	Ratio	Lower	Upper
284	100		
142	295.2	35.0	52.4#
249	106.3	25.5	38.3#



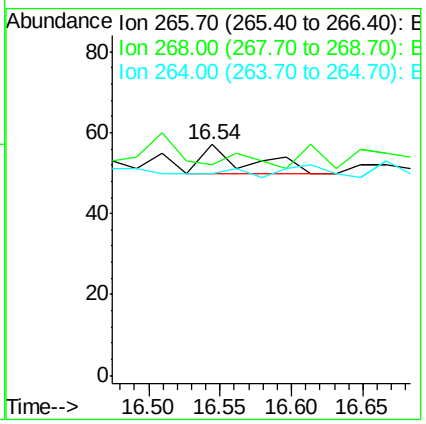


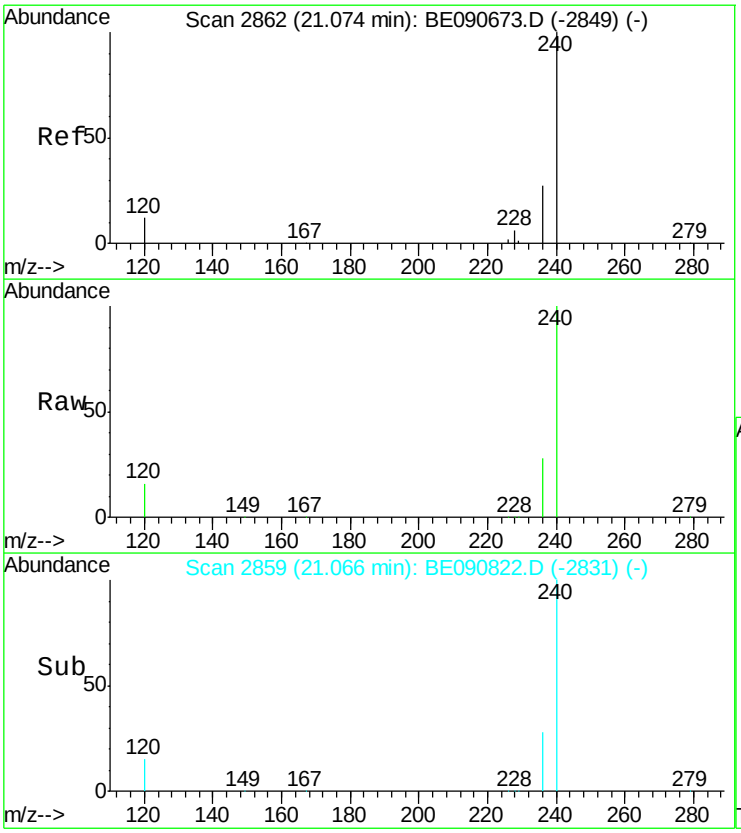
#21
Pentachlorophenol
Concen: 0.47 ng
RT: 16.54 min Scan# 2254
Delta R.T. -0.05 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-U-S

Tgt Ion:266 Resp: 16

Ion	Ratio	Lower	Upper
266	100		
268	91.2	49.6	74.4#
264	87.7	53.9	80.9#

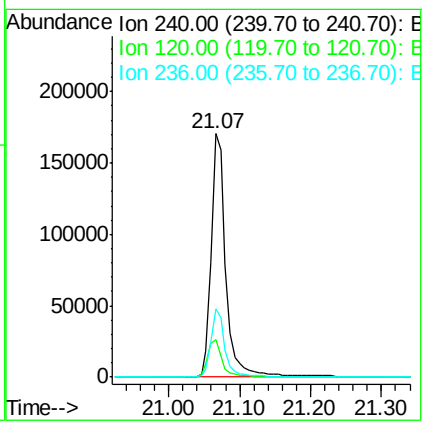


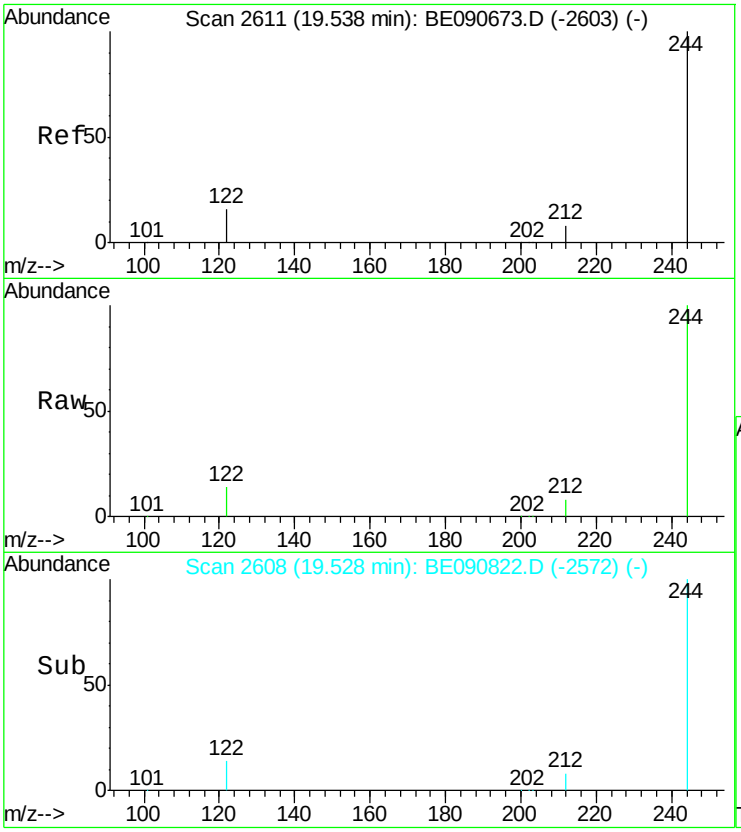


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Tgt Ion:240 Resp: 244952

Ion	Ratio	Lower	Upper
240	100		
120	15.5	10.1	15.1#
236	28.3	21.9	32.9



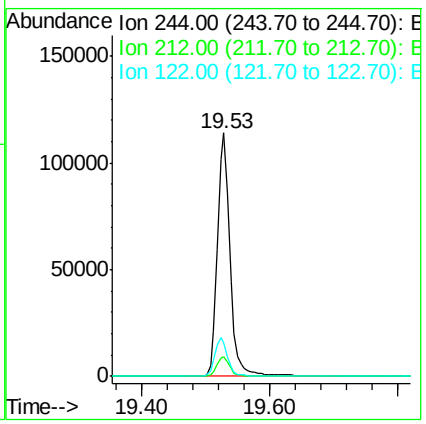


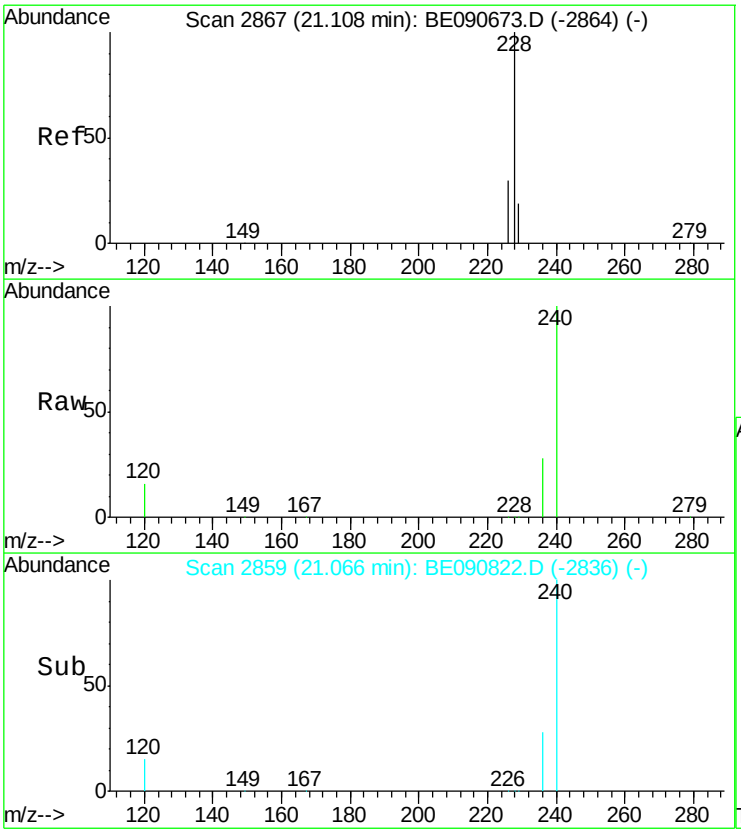
#27
Terphenyl-d14
Concen: 5.75 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-U-S

Tgt Ion:244 Resp: 155862

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	13.8	12.9	19.3

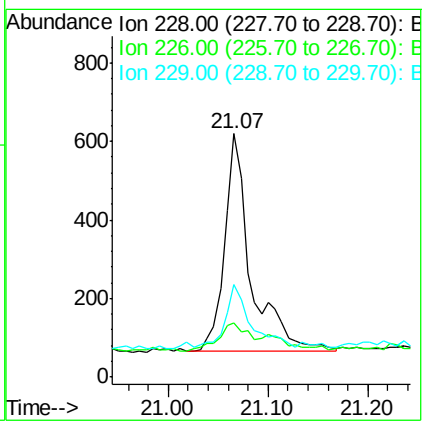


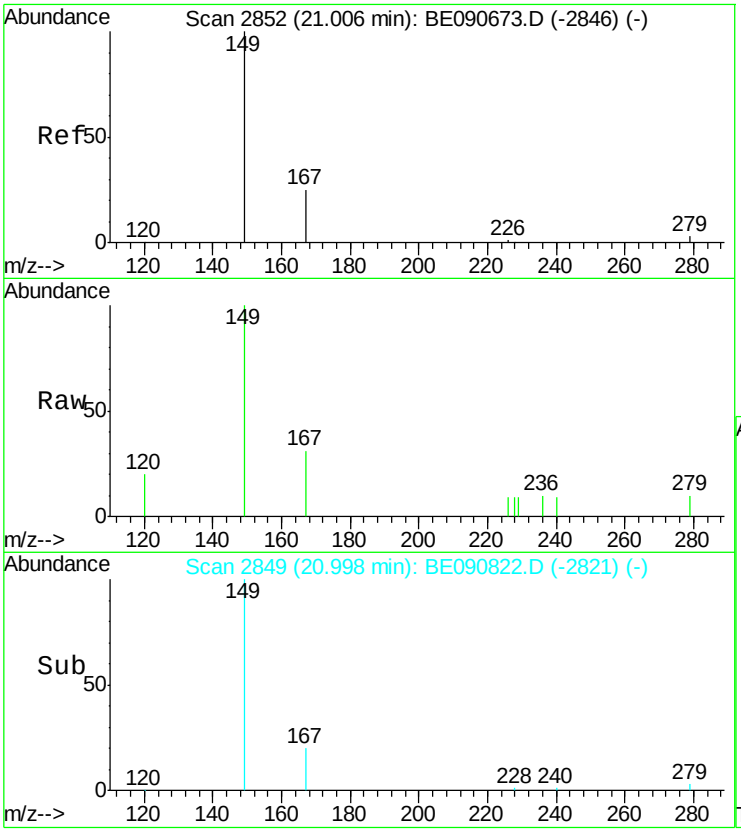


#29
Chrysene
Concen: Below Cal
RT: 21.07 min Scan# 2859
Delta R.T. -0.04 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Tgt Ion:228 Resp: 1018

Ion	Ratio	Lower	Upper
228	100		
226	22.4	24.2	36.4#
229	37.7	15.3	22.9#



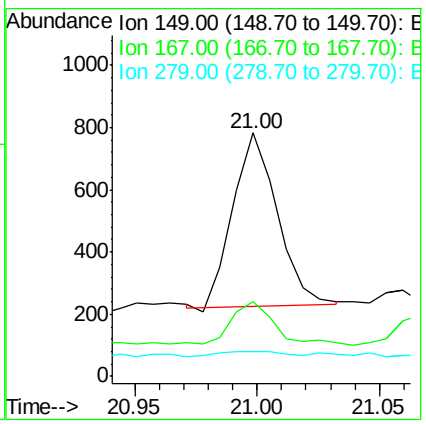


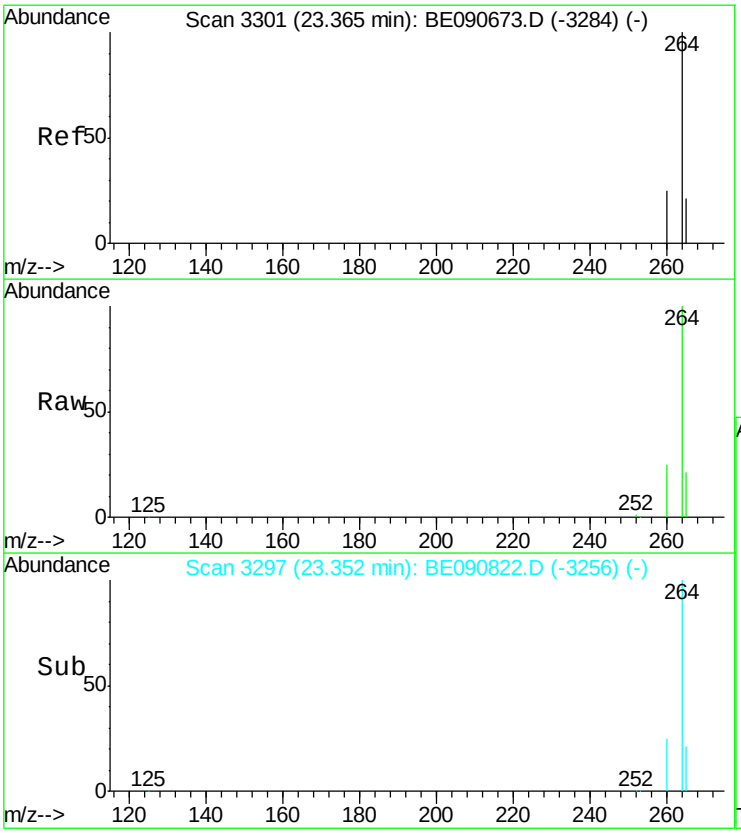
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.00 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-U-S

Tgt Ion:149 Resp: 698

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.1	30.1
279	4.4	2.3	3.5#

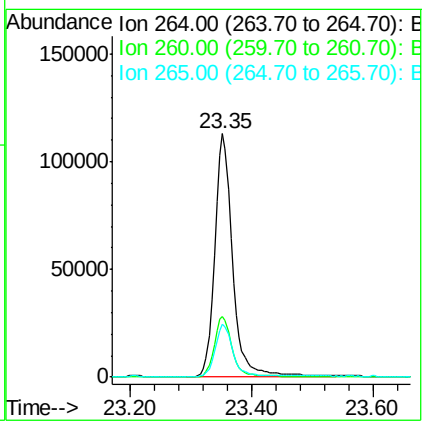


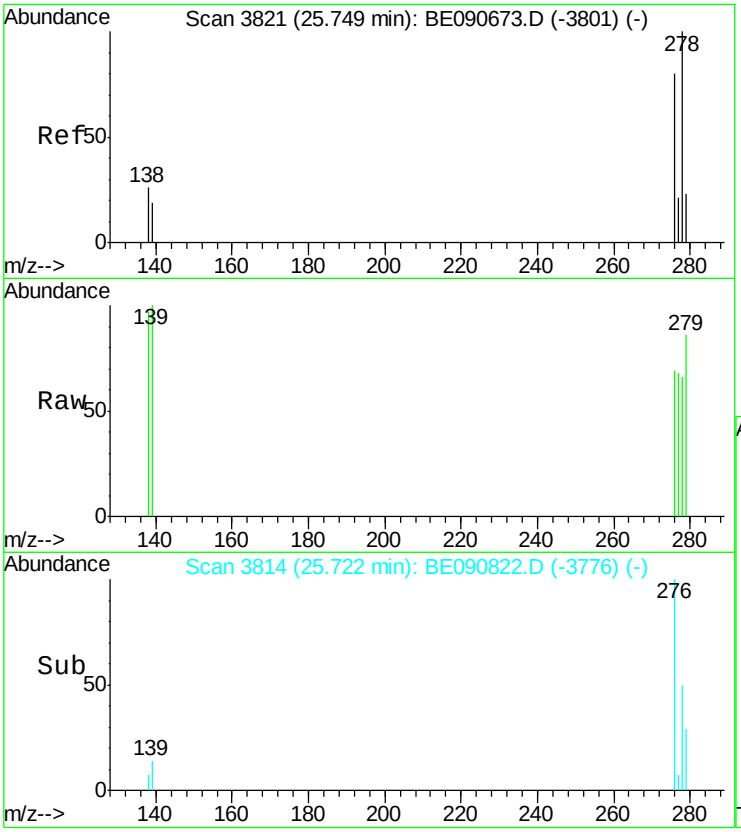


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Tgt Ion:264 Resp: 232094

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.5	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.72 min Scan# 3814
Delta R.T. -0.03 min
Lab File: BE090822.D
Acq: 15 Sep 2015 5:19

Instrument :
BNA_E
ClientSampleId :
091315-D534-F-U-S

Tgt Ion:278 Resp: 14

Ion	Ratio	Lower	Upper
278	100		
139	151.6	15.4	23.0#
279	129.7	18.8	28.2#