Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
Data File : BE090774.D
Acq On : 10 Sep 2015 22:59
Operator : UM/IZ
Sample : G3598-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 090815-D534-F-U-S

Quant Time: Sep 11 03:37:12 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	38312	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	172655	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	89735	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	225973	5.00	ng		0.00
25) Chrysene-d12	21.07	240	270812	5.00	ng		0.00
32) Perylene-d12	23.36	264	245621	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	30342	4.07	ng		0.00
5) Phenol-d6	6.75	99	27158	2.55	ng		0.00
7) Nitrobenzene-d5	8.71	82	47956	4.20	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	23937	9.07	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	108467	4.36	ng		0.00
27) Terphenyl-d14	19.53	244	191616	6.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	124	Below Cal		#	11
3) n-Nitrosodimethylamine	3.44	42	89	Below Cal		#	1
8) Nitrobenzene	8.79	77	19	0.11	ng	#	50
20) Hexachlorobenzene	16.23	284	92	Below Cal		#	1
21) Pentachlorophenol	16.58	266	28	0.47	ng	#	66
22) Phenanthrene	16.94	178	1121	0.02	ng	#	80
29) Chrysene	21.11	228	1045	Below Cal		#	89
30) Bis(2-ethylhexyl)phthalate	21.00	149	6155	0.45	ng		96
36) Dibenzo(a,h)anthracene	25.74	278	136	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\
Data File : BE090774.D
Acq On : 10 Sep 2015 22:59
Operator : UM/IZ
Sample : G3598-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

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BNA_E
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090815-D534-F-U-S

Quant Time: Sep 11 03:37:12 2015
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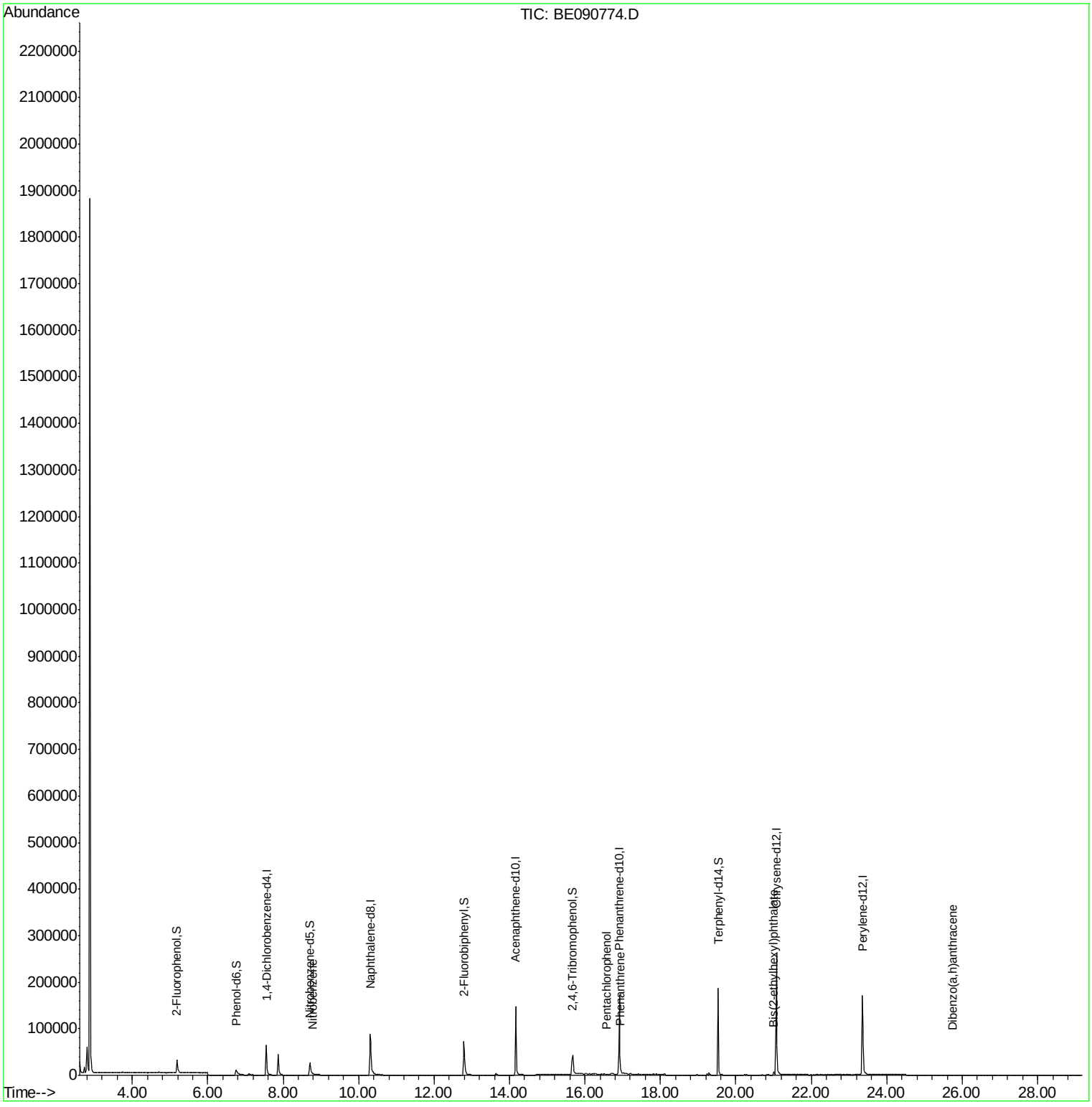
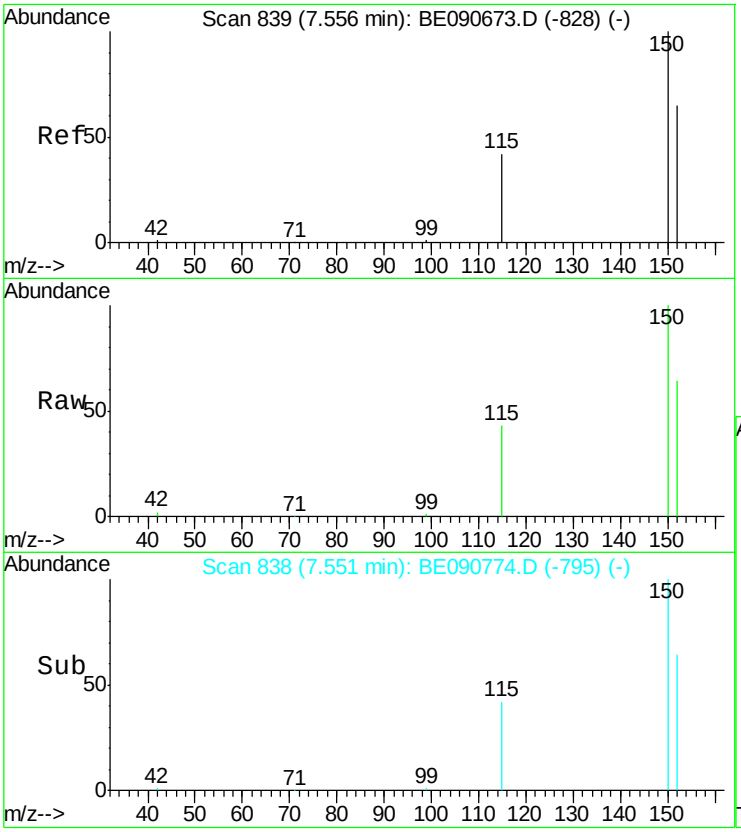
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration



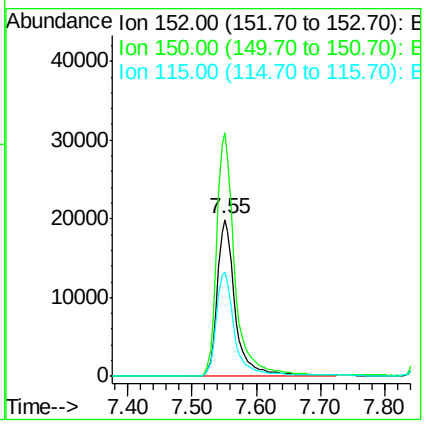


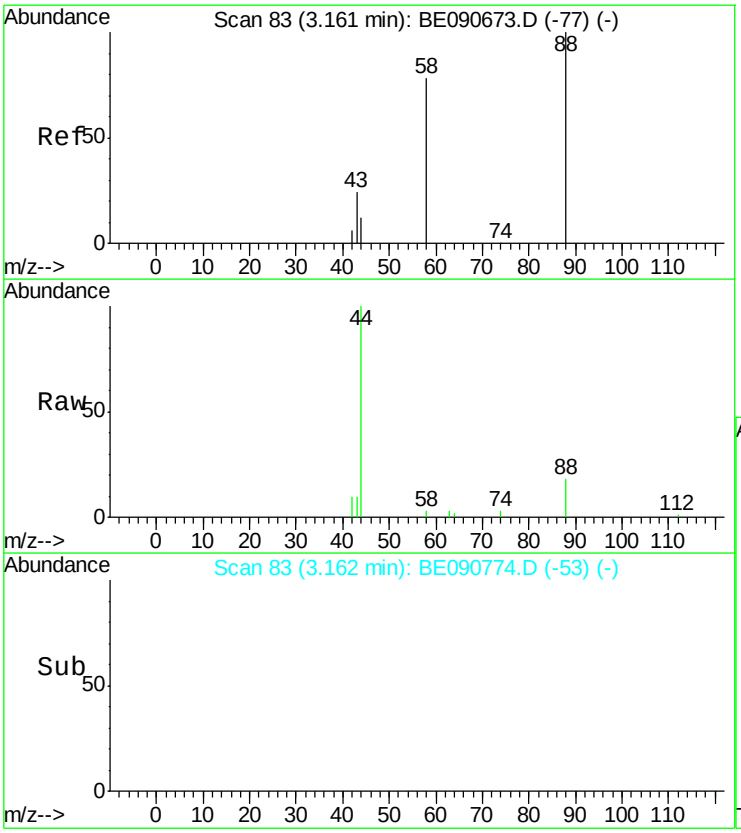
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tgt Ion:152 Resp: 38312

Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.2	183.4
115	66.2	51.0	76.4

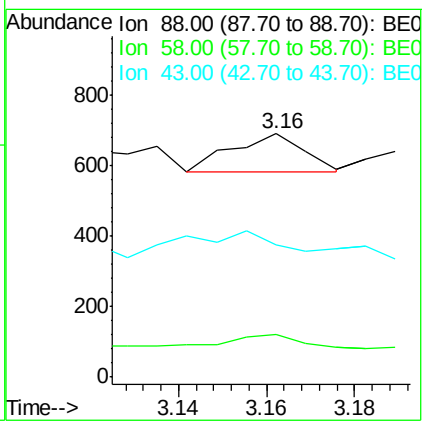


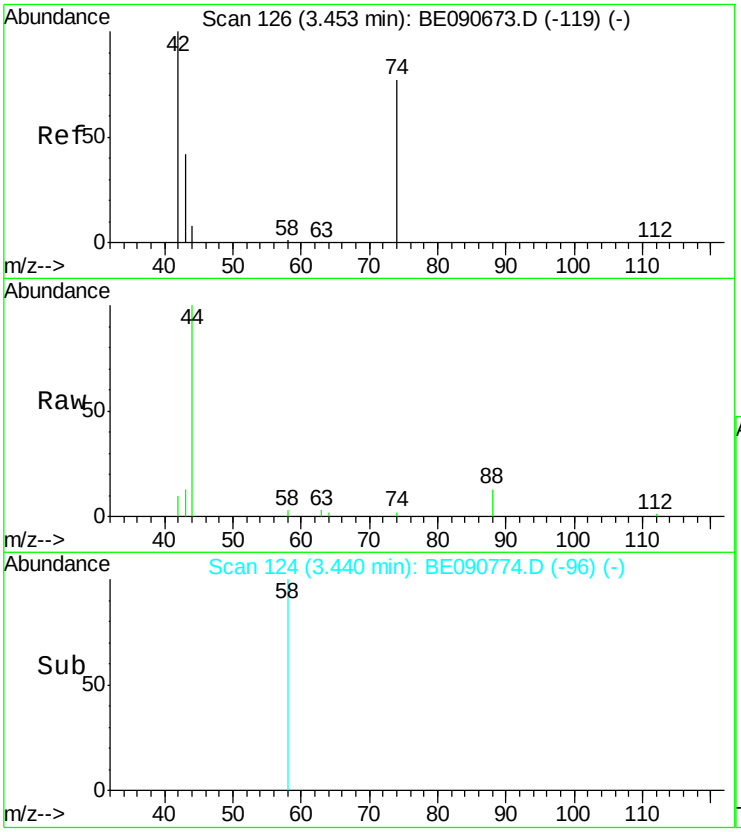


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.16 min Scan# 83
Delta R.T. 0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion: 88 Resp: 124

Ion	Ratio	Lower	Upper
88	100		
58	47.6	68.4	102.6#
43	153.2	26.9	40.3#



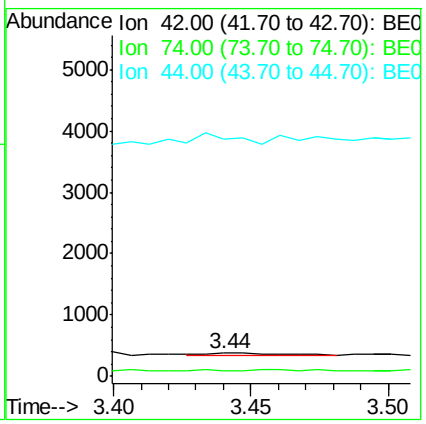


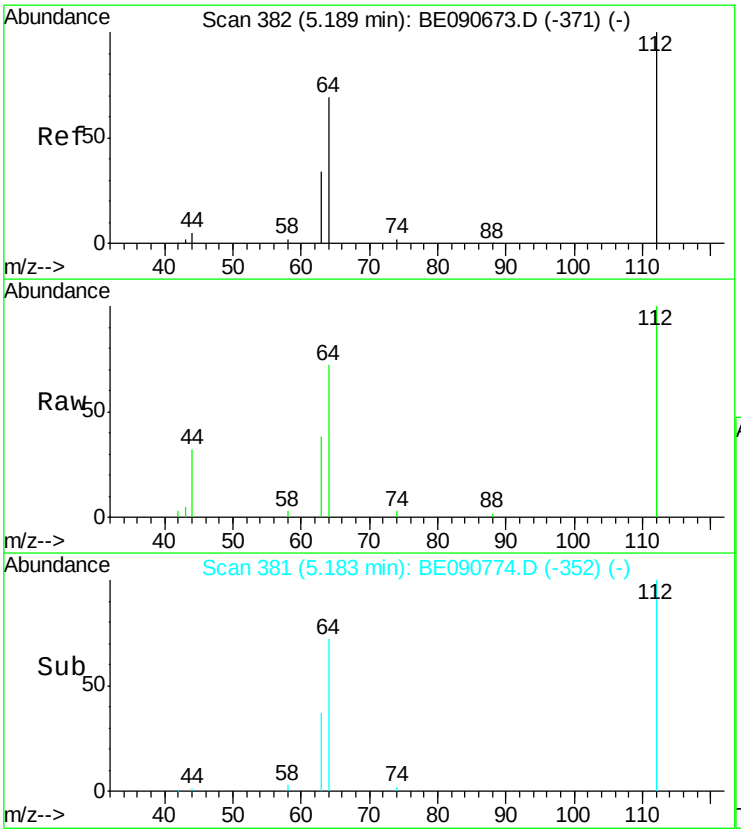
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.44 min Scan# 124
Delta R.T. -0.01 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tgt Ion: 42 Resp: 89

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

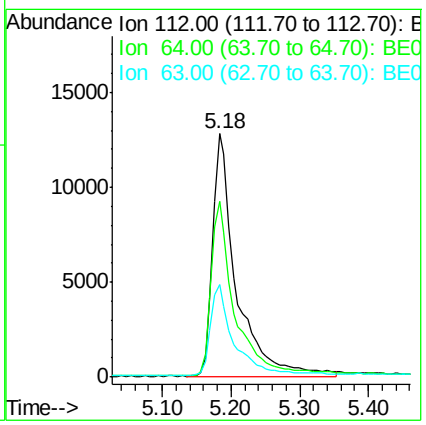


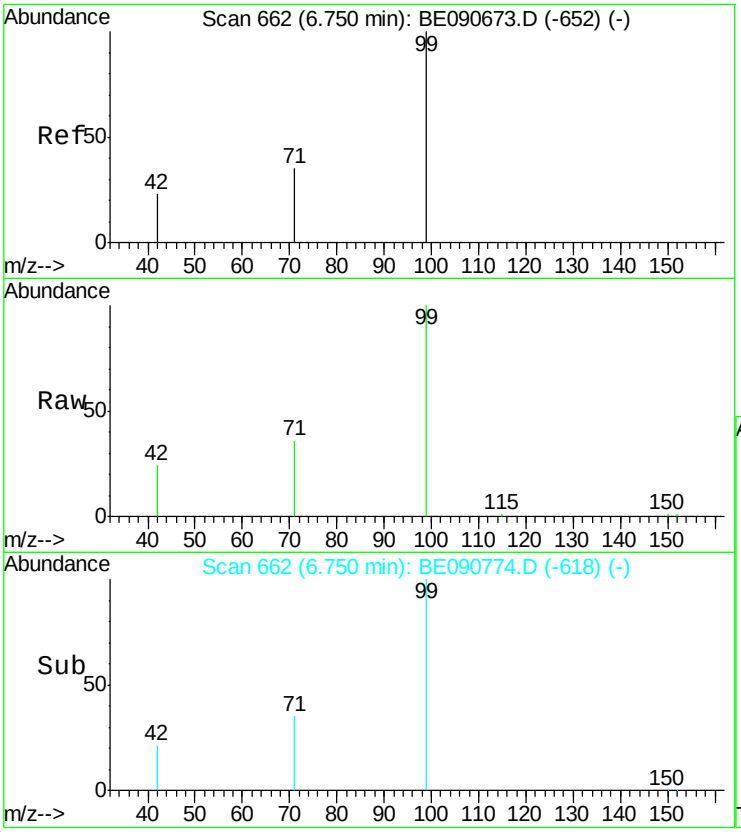


#4
2-Fluorophenol
Concen: 4.07 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion:112 Resp: 30342

Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.3	85.9
63	37.4	29.2	43.8



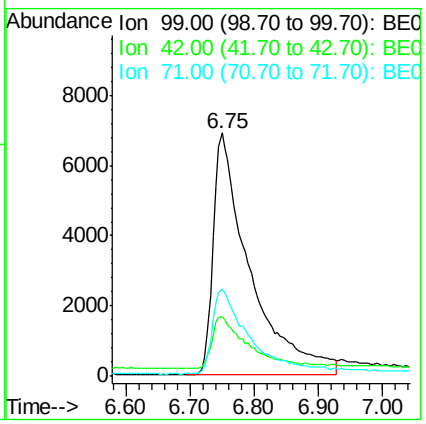


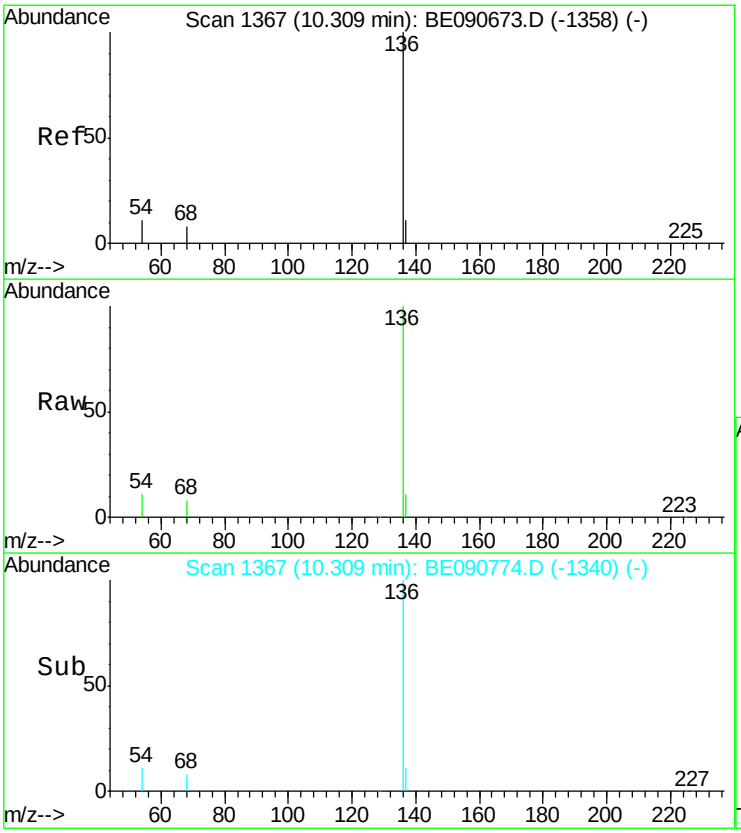
#5
Phenol-d6
Concen: 2.55 ng
RT: 6.75 min Scan# 662
Delta R.T. -0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tgt Ion: 99 Resp: 27158

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.8	25.2
71	35.9	28.3	42.5

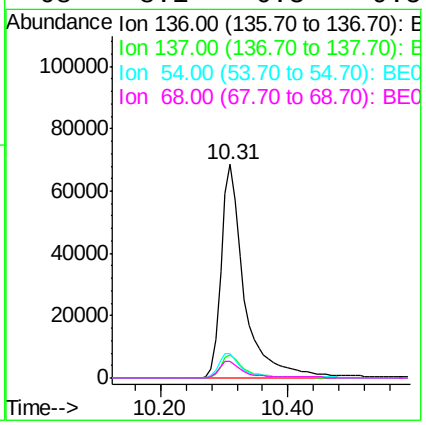


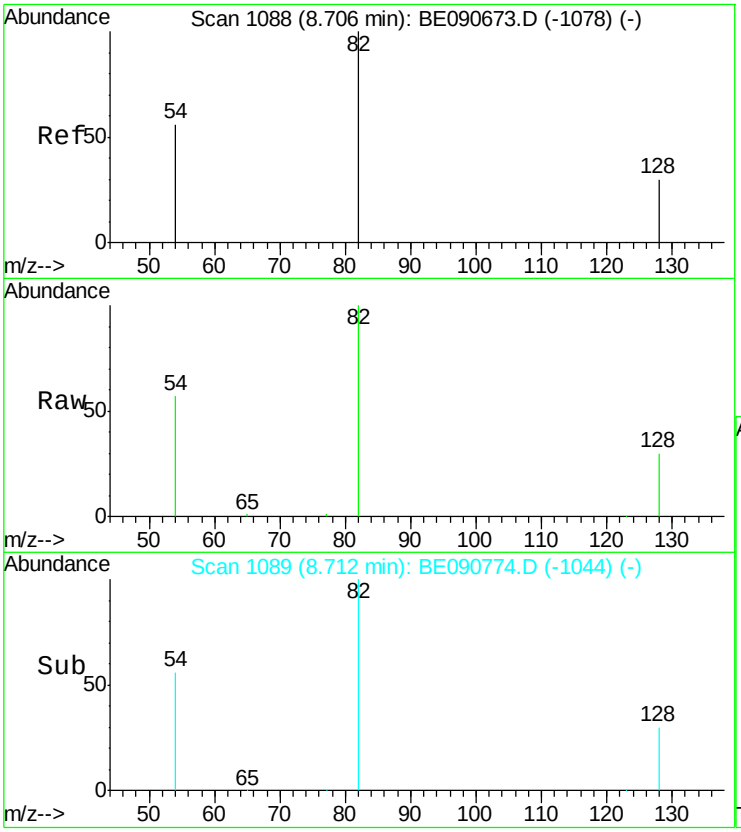


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion:136 Resp: 172655

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.2	9.0	13.6
68	8.1	6.3	9.5



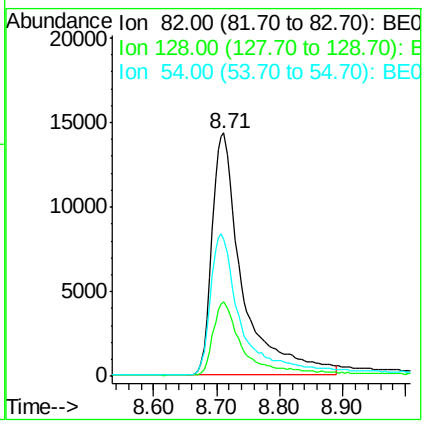


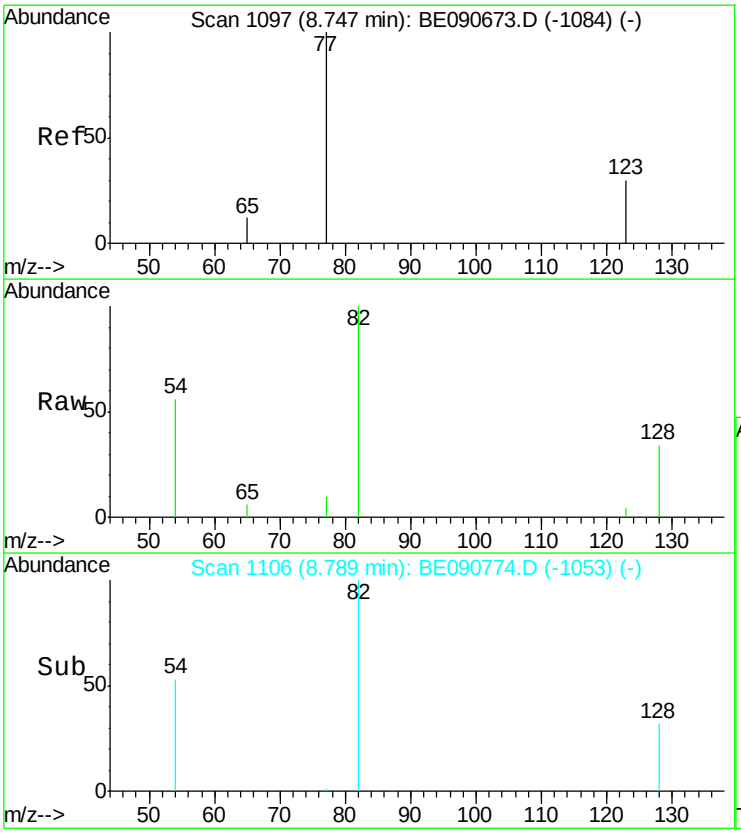
#7
Nitrobenzene-d5
Concen: 4.20 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tgt Ion: 82 Resp: 47956

Ion	Ratio	Lower	Upper
82	100		
128	30.5	25.0	37.4
54	56.6	46.3	69.5

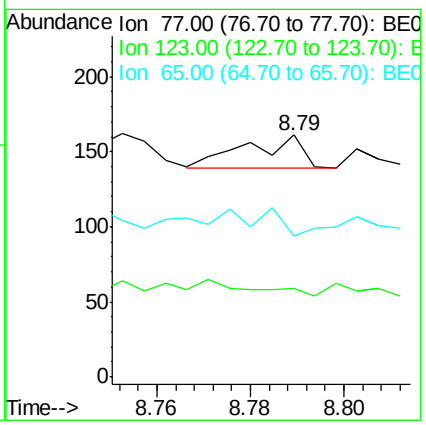


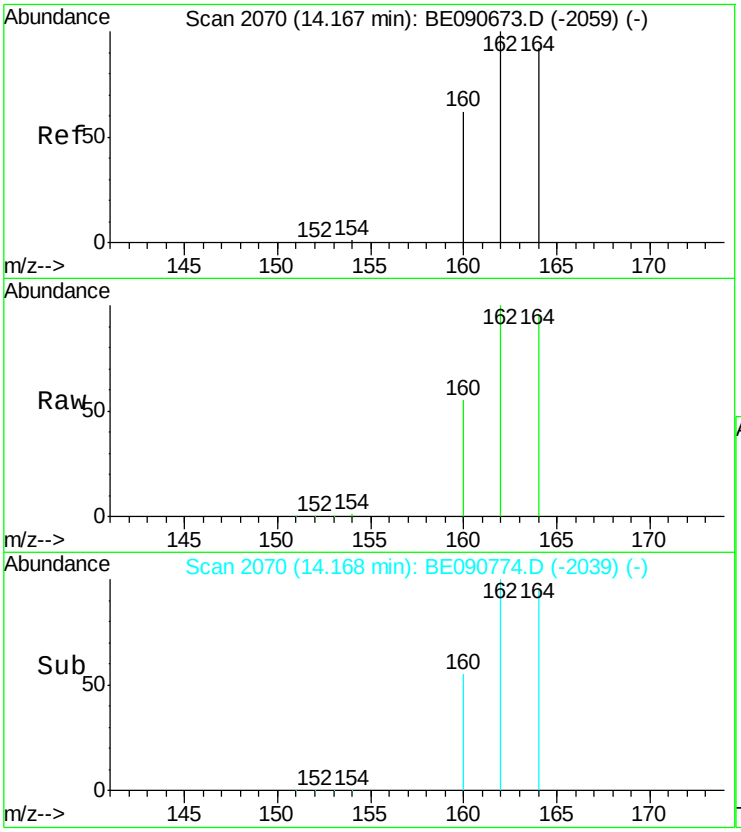


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.79 min Scan# 1106
Delta R.T. 0.04 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion: 77 Resp: 19

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



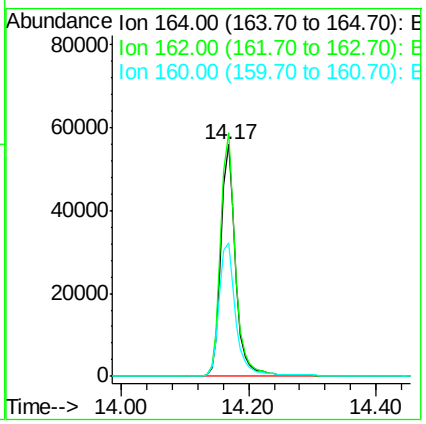


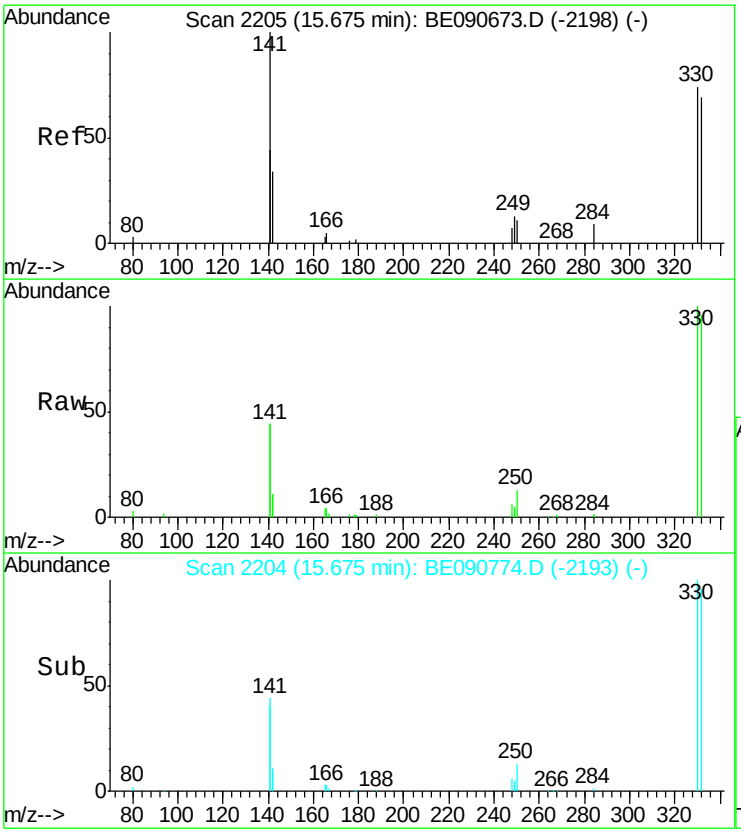
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tgt Ion:164 Resp: 89735

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.8	130.2
160	57.5	53.9	80.9

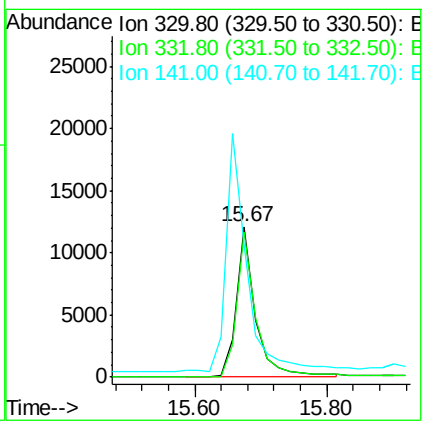


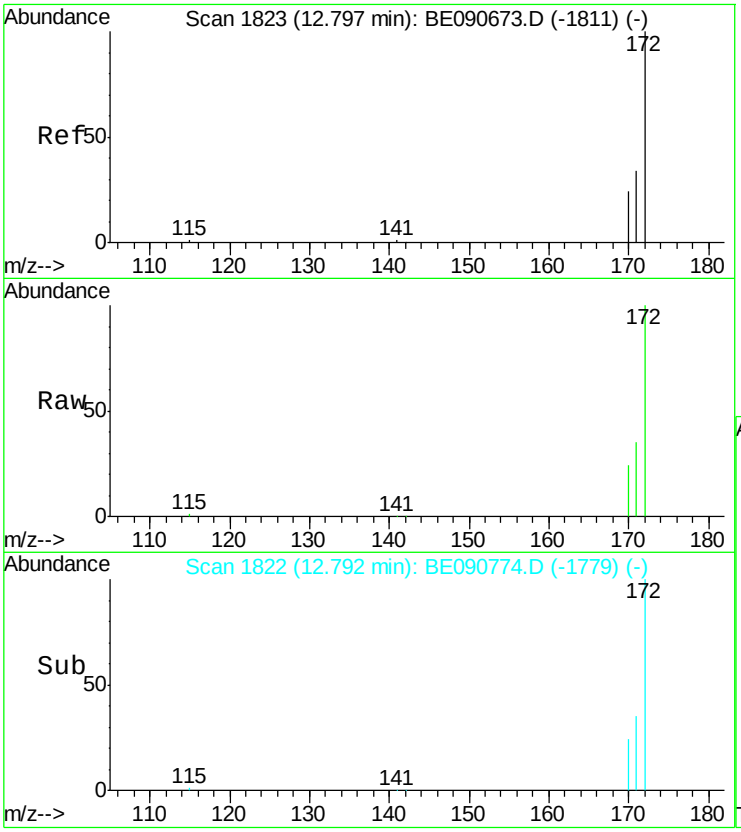


#13
2,4,6-Tribromophenol
Concen: 9.07 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion:330 Resp: 23937

Ion	Ratio	Lower	Upper
330	100		
332	96.7	74.9	112.3
141	173.4	145.2	217.8



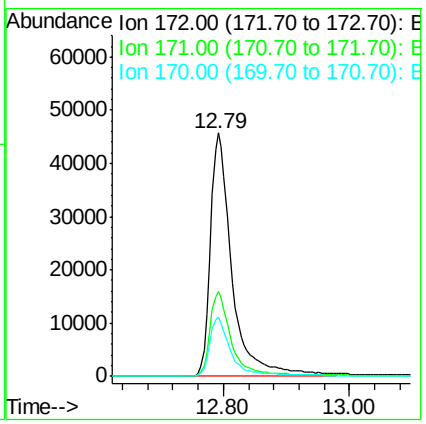


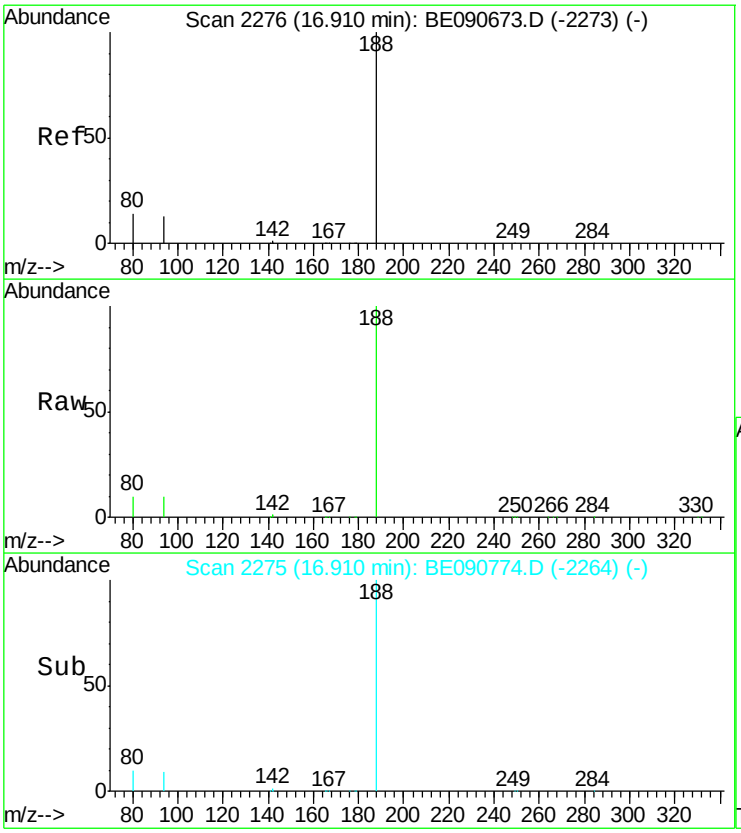
#14
2-Fluorobiphenyl
Concen: 4.36 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tgt Ion:172 Resp: 108467

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	24.3	19.8	29.6

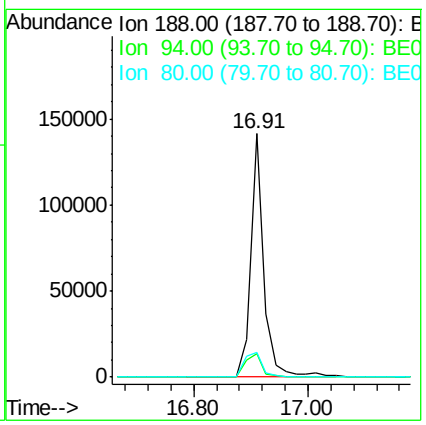


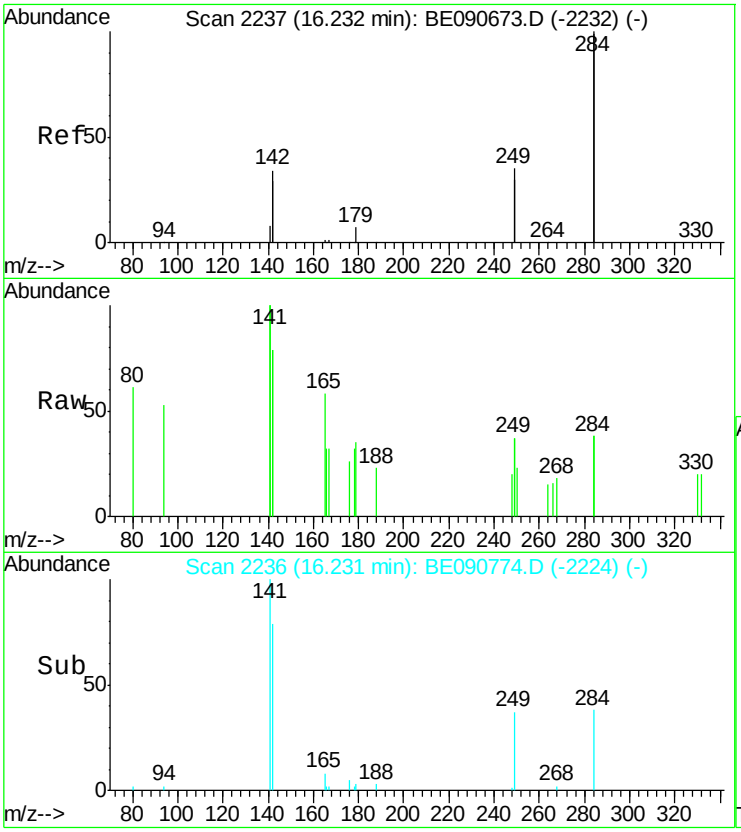


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion:188 Resp: 225973

Ion	Ratio	Lower	Upper
188	100		
94	9.5	10.3	15.5#
80	10.3	11.0	16.6#



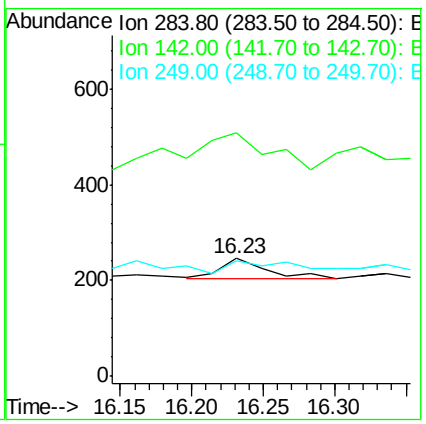


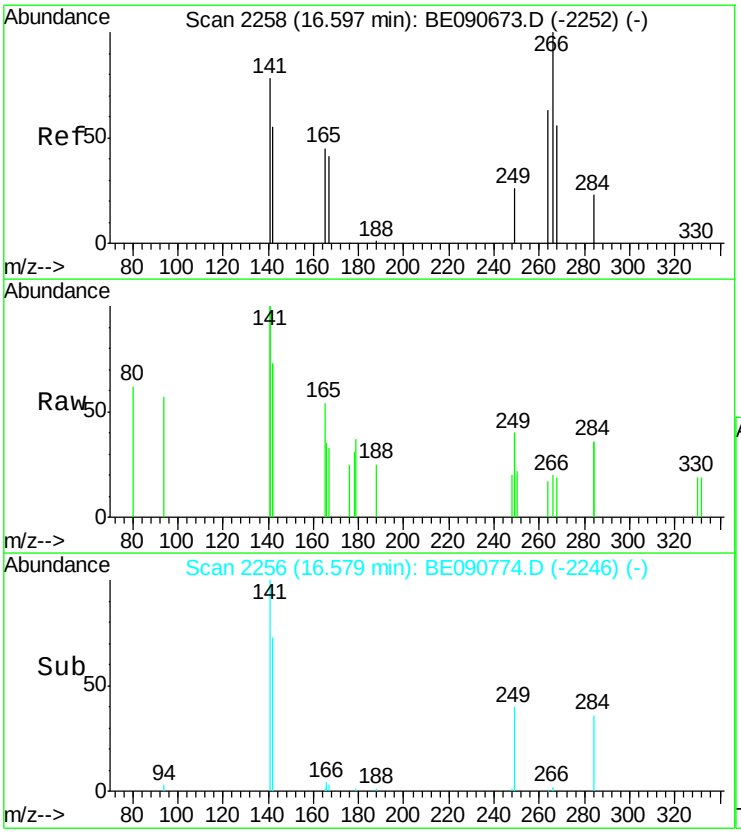
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tgt Ion:284 Resp: 92

Ion	Ratio	Lower	Upper
284	100		
142	388.0	35.0	52.4#
249	100.0	25.5	38.3#

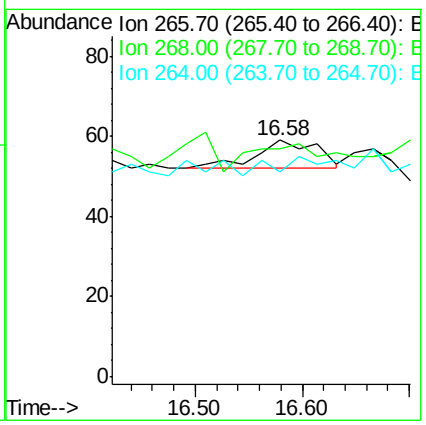


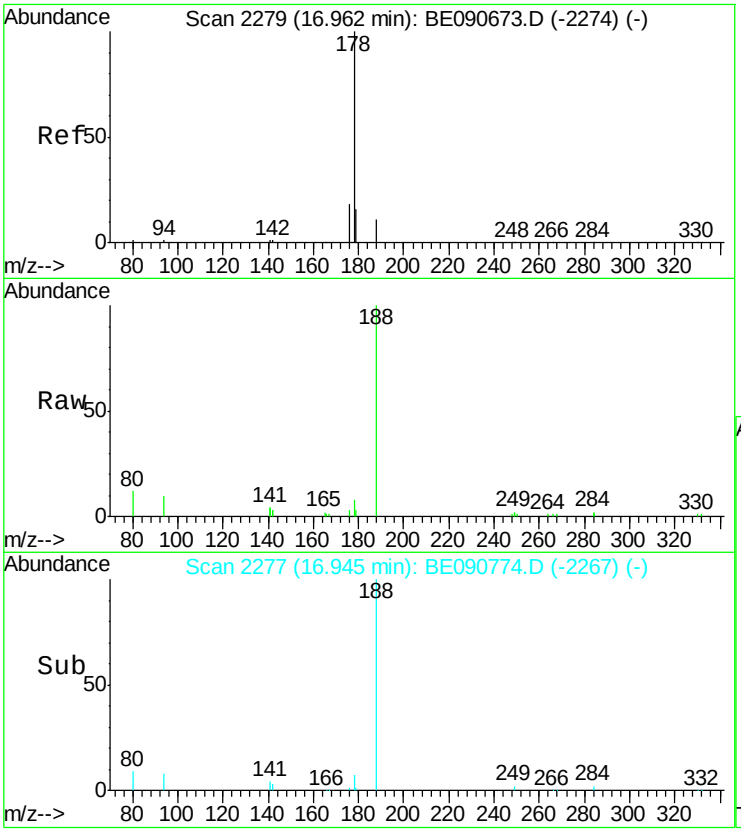


#21
Pentachlorophenol
Concen: 0.47 ng
RT: 16.58 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
268	96.6	49.6	74.4#
264	86.4	53.9	80.9#



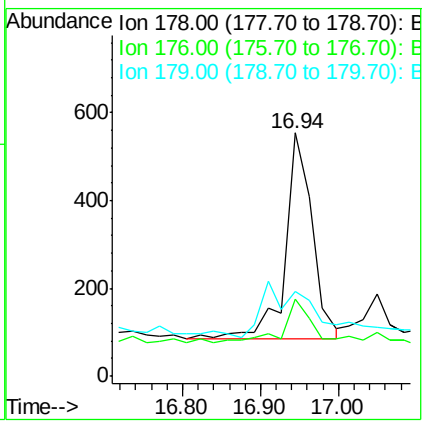


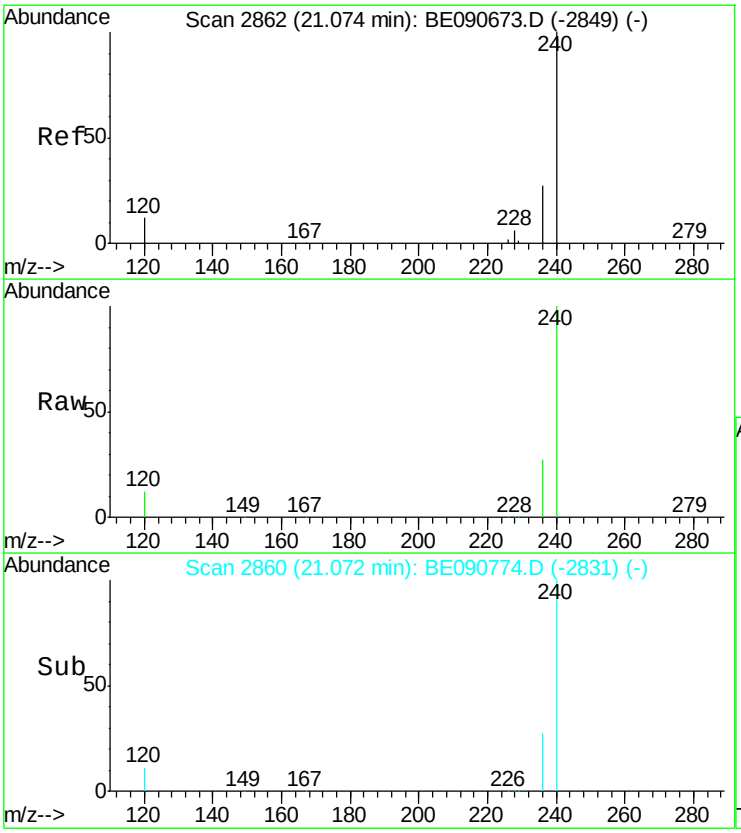
#22
Phenanthrene
Concen: 0.02 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tgt Ion:178 Resp: 1121

Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.6	23.4
179	0.0	12.8	19.2#

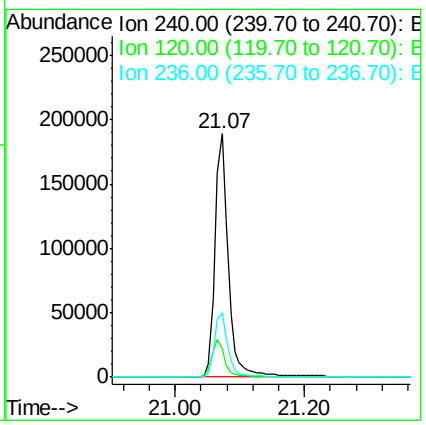


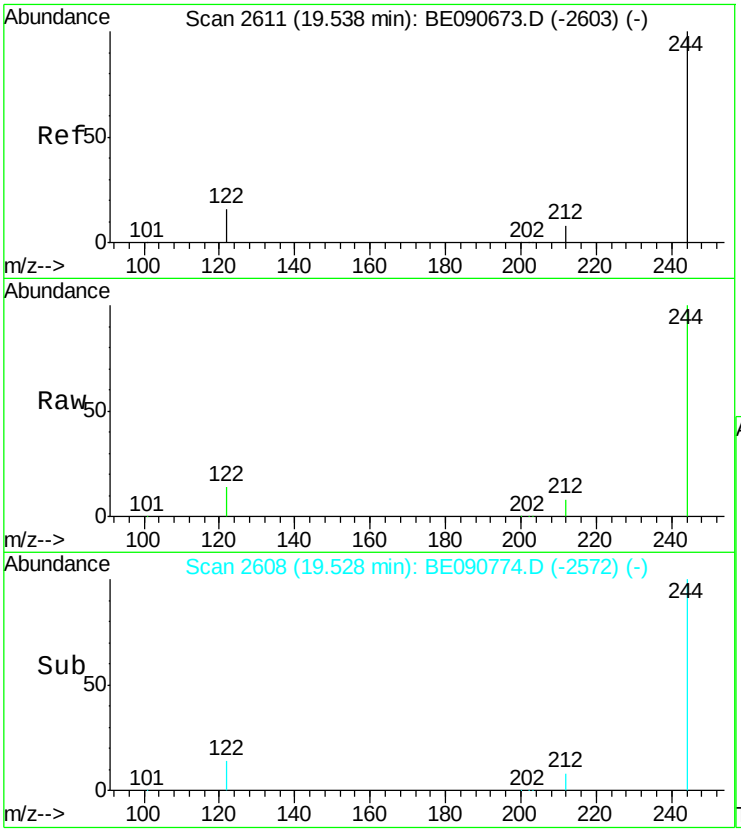


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion:240 Resp: 270812

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.1	15.1
236	26.5	21.9	32.9



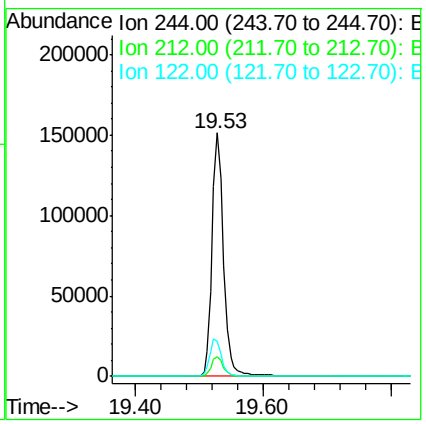


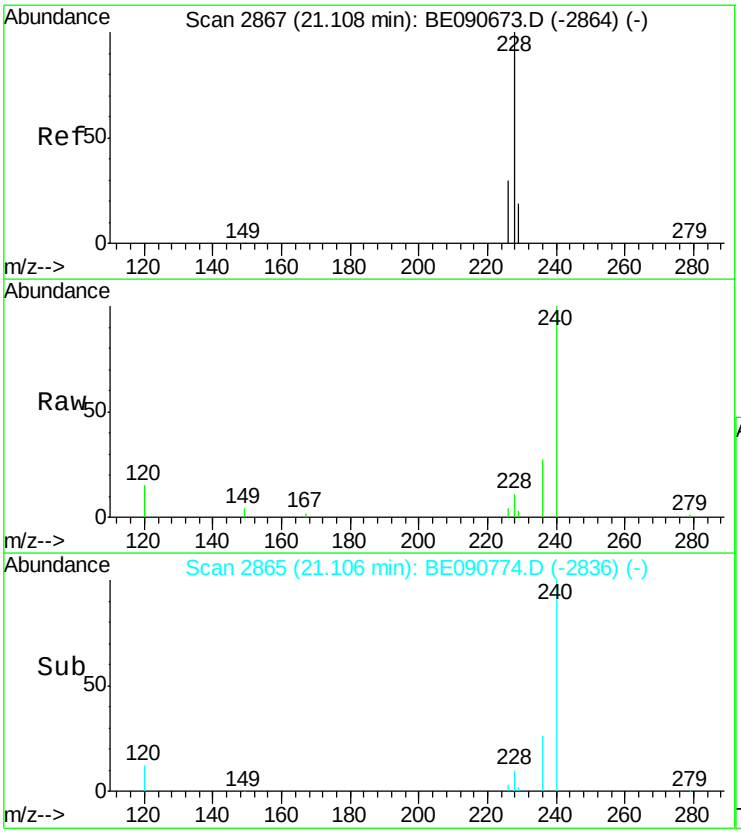
#27
Terphenyl-d14
Concen: 6.40 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tgt Ion:244 Resp: 191616

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	14.3	12.9	19.3

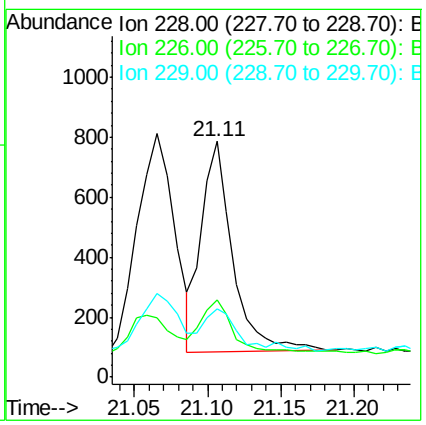


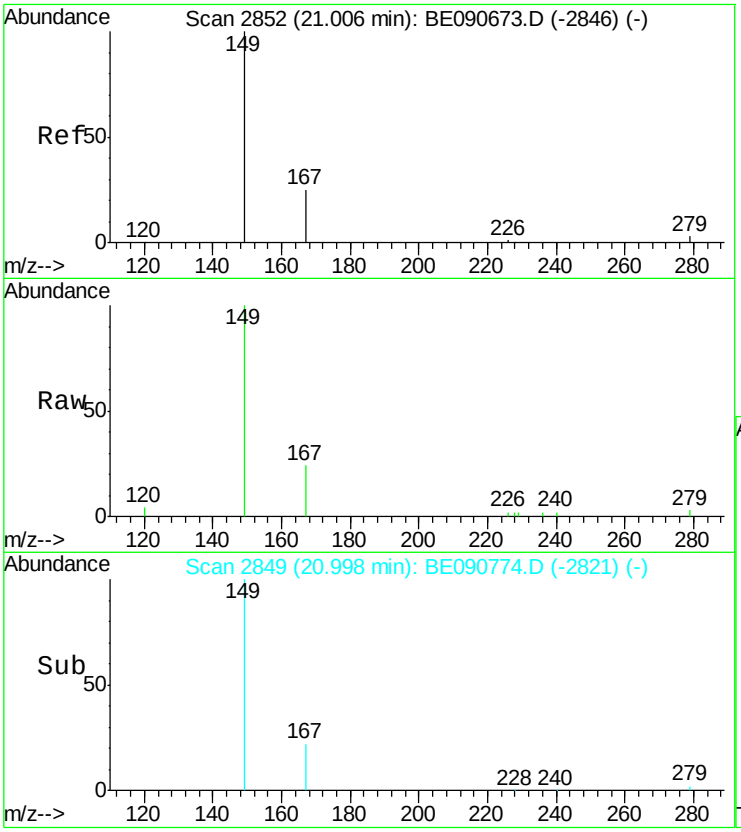


#29
Chrysene
Concen: Below Cal
RT: 21.11 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion:228 Resp: 1045

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.2	36.4
229	28.9	15.3	22.9#



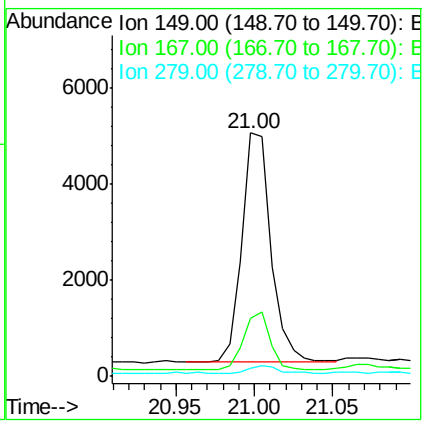


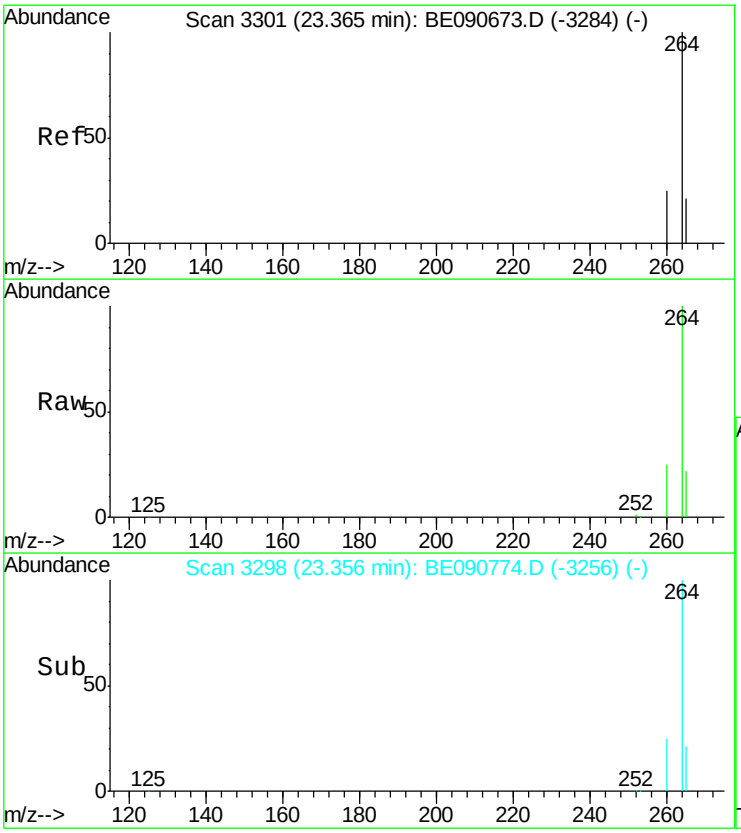
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.45 ng
RT: 21.00 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tgt Ion:149 Resp: 6155

Ion	Ratio	Lower	Upper
149	100		
167	23.1	20.1	30.1
279	3.1	2.3	3.5

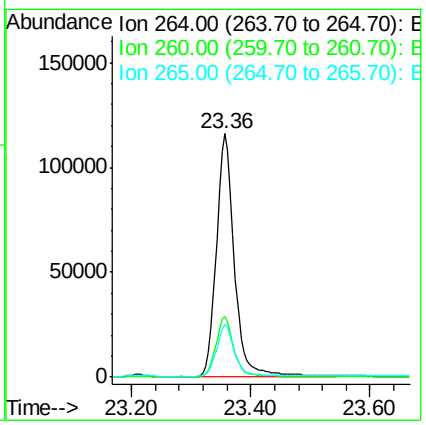


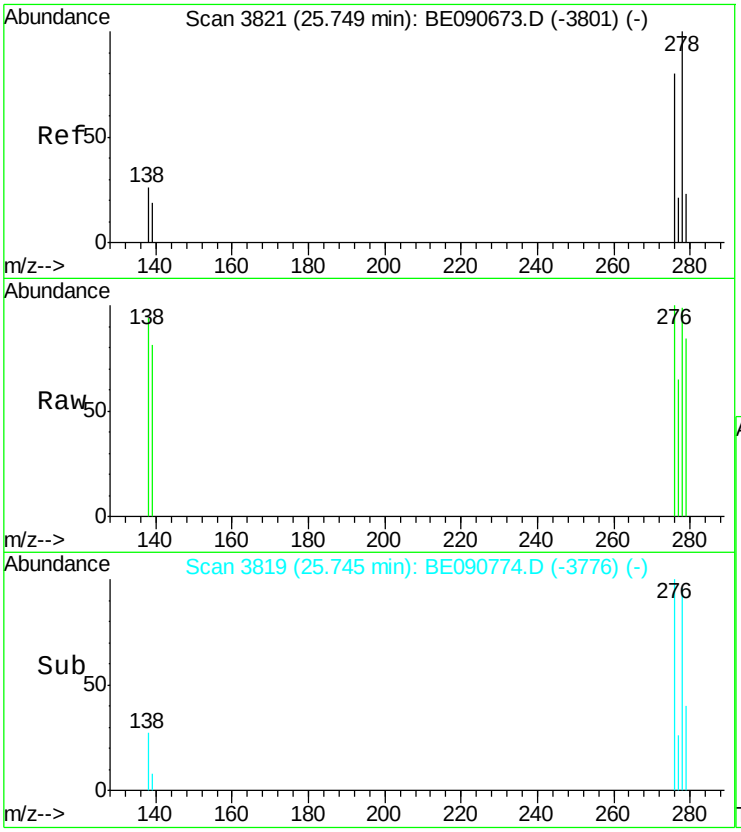


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion:264 Resp: 245621

Ion	Ratio	Lower	Upper
264	100		
260	25.1	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# 3819
Delta R.T. -0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tgt Ion:278 Resp: 136

Ion	Ratio	Lower	Upper
278	100		
139	82.7	15.4	23.0#
279	85.0	18.8	28.2#