Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091115\
Data File : BE090792.D
Acq On : 11 Sep 2015 19:44
Operator : UM/IZ
Sample : G3639-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SC-2

Quant Time: Sep 11 23:14:43 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	39088	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	178073	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	97125	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	245409	5.00	ng		0.00
25) Chrysene-d12	21.07	240	291008	5.00	ng		0.00
32) Perylene-d12	23.36	264	259093	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	25365	3.34	ng		0.00
5) Phenol-d6	6.75	99	20076	1.84	ng		0.00
7) Nitrobenzene-d5	8.71	82	43147	3.67	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	21615	7.59	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	101493	3.77	ng		0.00
27) Terphenyl-d14	19.53	244	180242	5.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	117	Below Cal		#	39
3) n-Nitrosodimethylamine	3.44	42	319	Below Cal		#	1
8) Nitrobenzene	8.72	77	114	0.12	ng	#	55
20) Hexachlorobenzene	16.23	284	44	Below Cal		#	26
21) Pentachlorophenol	16.60	266	20	0.47	ng	#	56
22) Phenanthrene	16.94	178	1335	0.02	ng	#	75
23) Anthracene	16.94	178	1277	0.03	ng	#	82
29) Chrysene	21.11	228	550	Below Cal		#	69
30) Bis(2-ethylhexyl)phthalate	21.00	149	3876	0.29	ng		99
36) Dibenzo(a,h)anthracene	25.74	278	13	0.14	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091115\
Data File : BE090792.D
Acq On : 11 Sep 2015 19:44
Operator : UM/IZ
Sample : G3639-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SC-2

Quant Time: Sep 11 23:14:43 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
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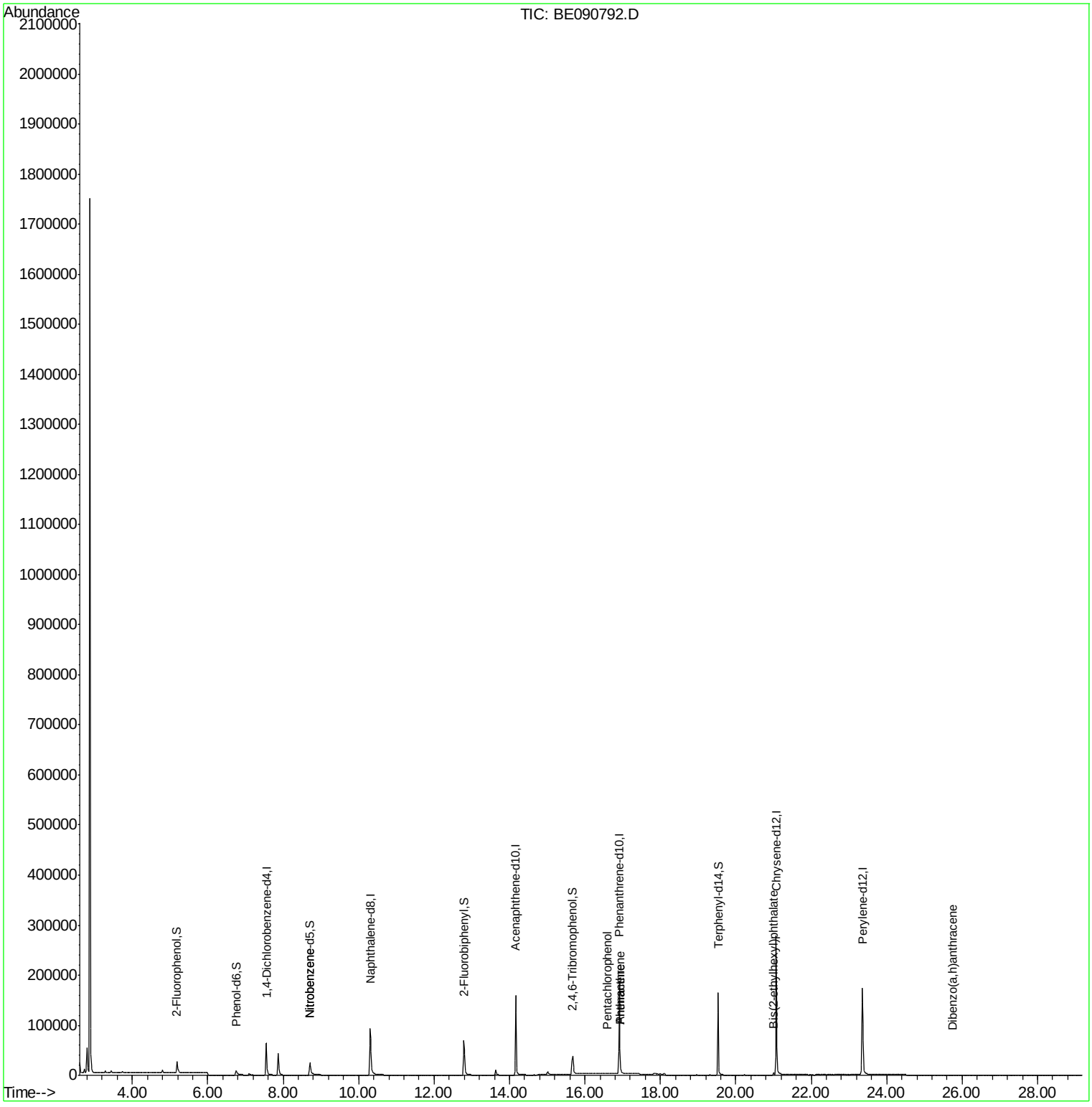
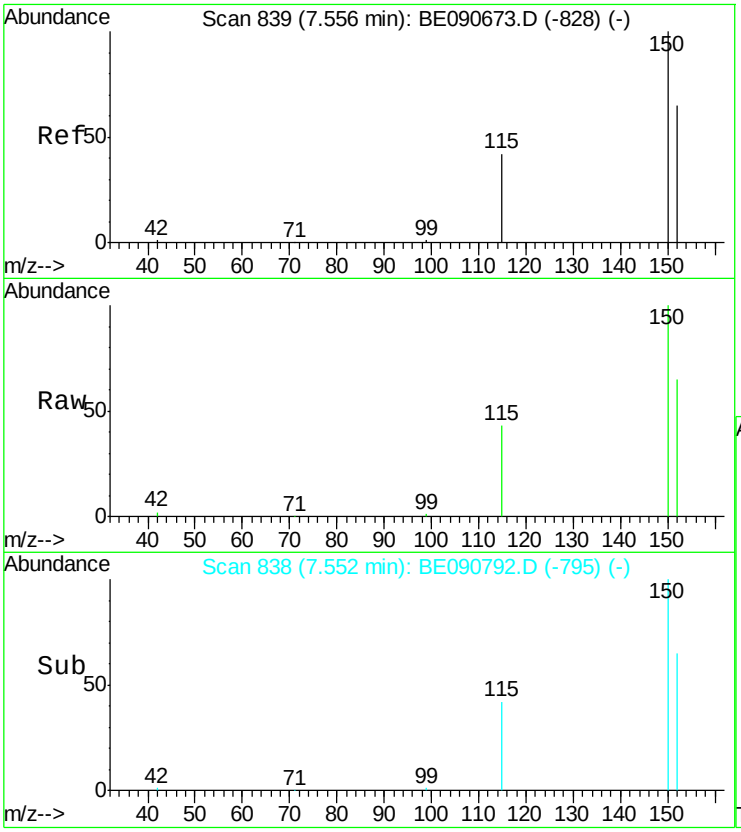


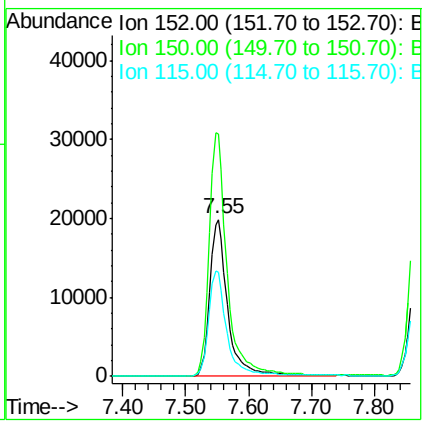


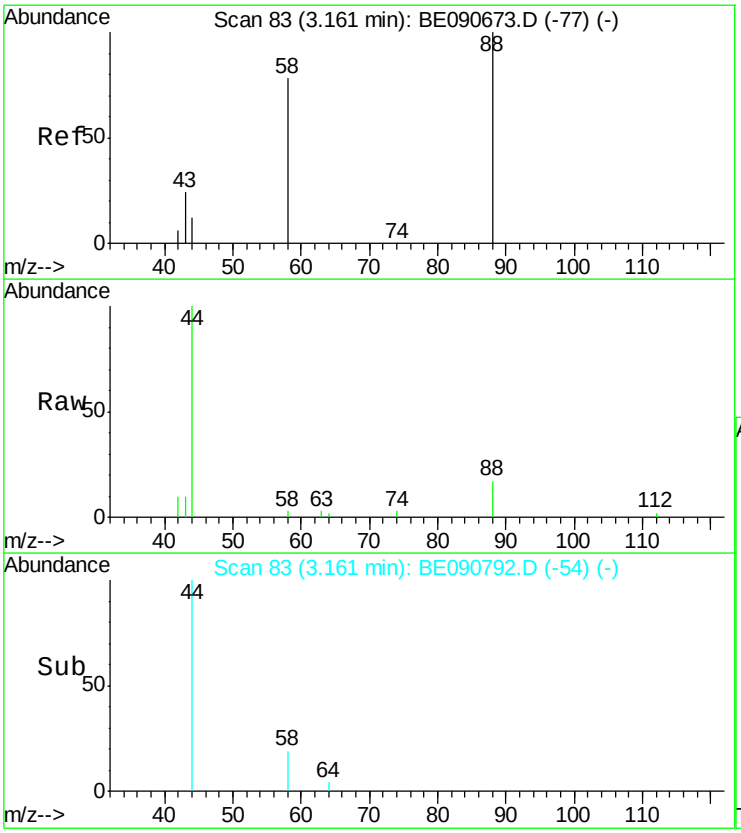
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Instrument :
BNA_E
ClientSampleId :
SC-2

Tgt Ion:152 Resp: 39088

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.2	183.4
115	65.9	51.0	76.4

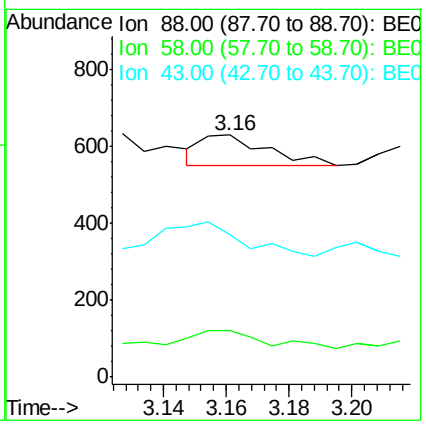


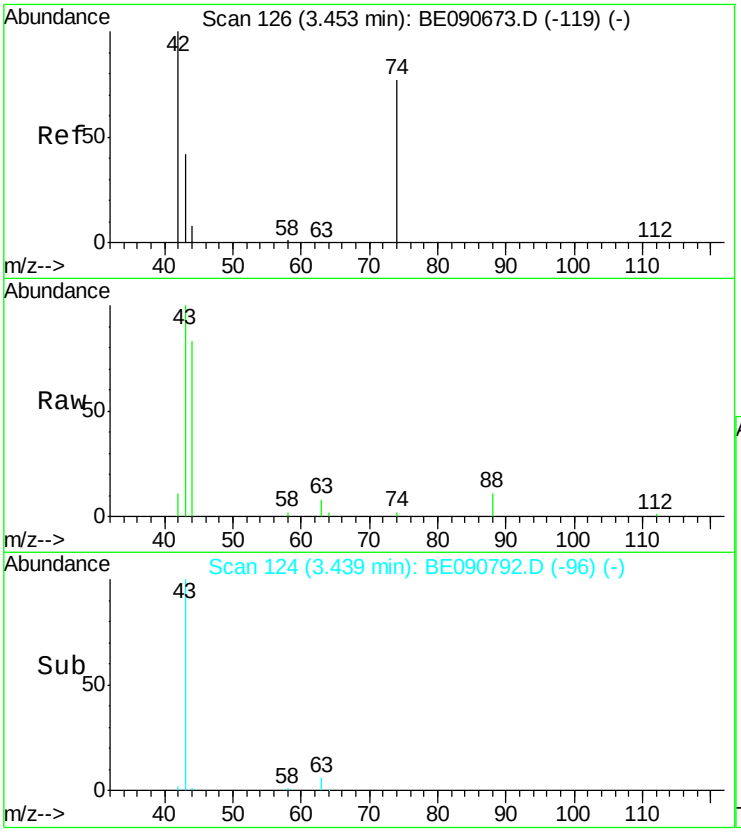


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.16 min Scan# 83
Delta R.T. -0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Tgt Ion: 88 Resp: 117

Ion	Ratio	Lower	Upper
88	100		
58	79.5	68.4	102.6
43	147.9	26.9	40.3#



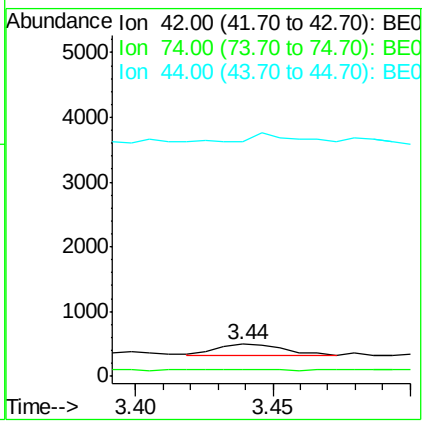


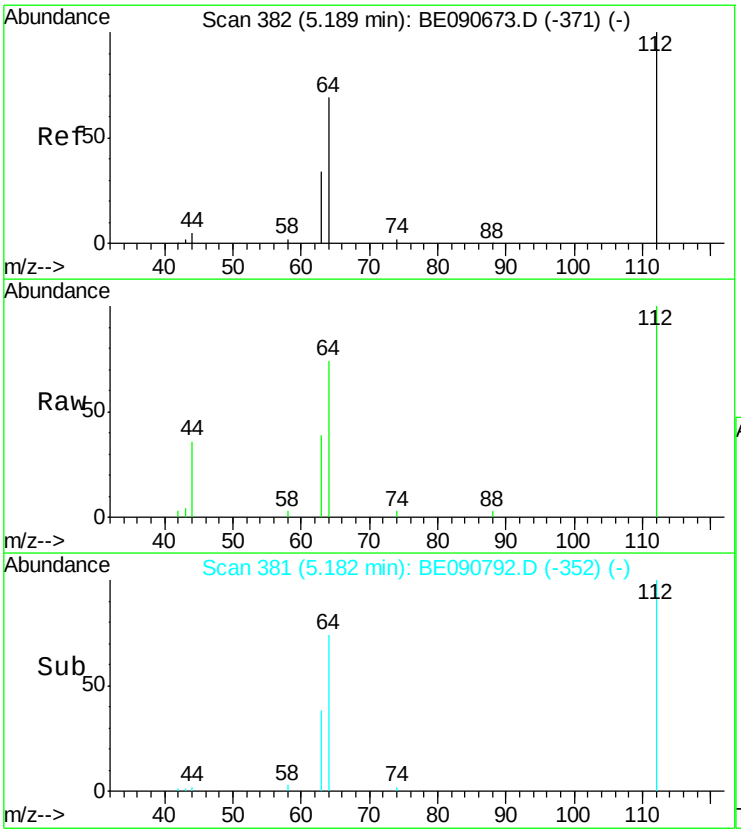
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.44 min Scan# 124
Delta R.T. -0.01 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Instrument :
BNA_E
ClientSampleId :
SC-2

Tgt Ion: 42 Resp: 319

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	41.4	10.0	15.0#

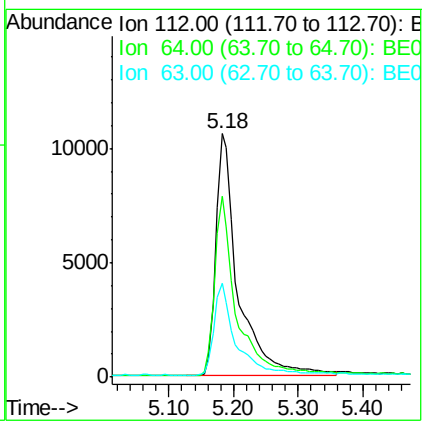


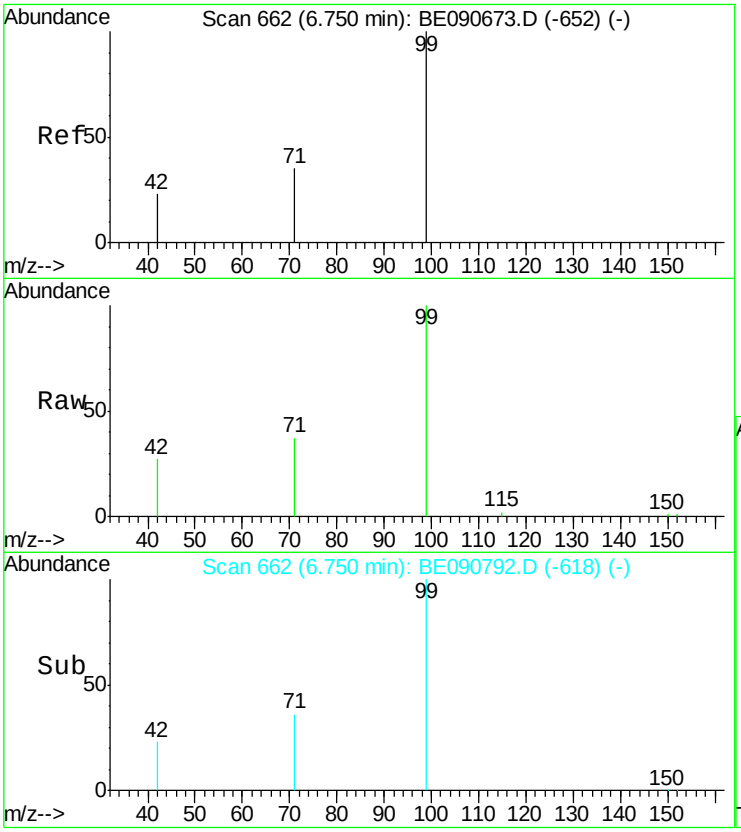


#4
2-Fluorophenol
Concen: 3.34 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Tgt Ion:112 Resp: 25365

Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.3	85.9
63	37.2	29.2	43.8



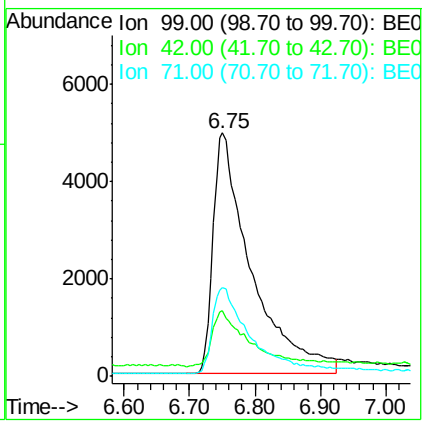


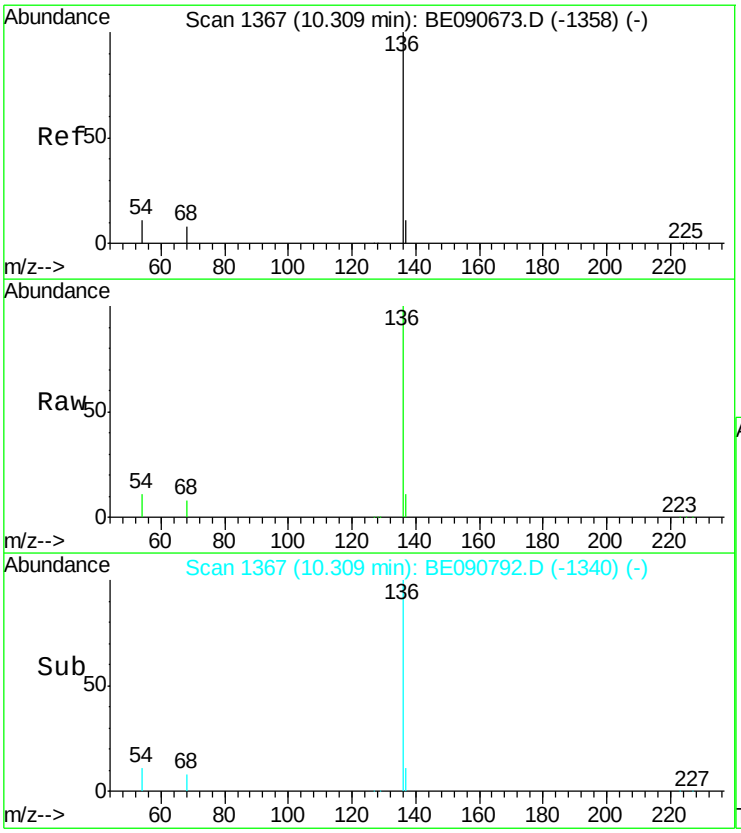
#5
Phenol-d6
Concen: 1.84 ng
RT: 6.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Instrument :
BNA_E
ClientSampleId :
SC-2

Tgt Ion: 99 Resp: 20076

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.8	25.2
71	34.9	28.3	42.5

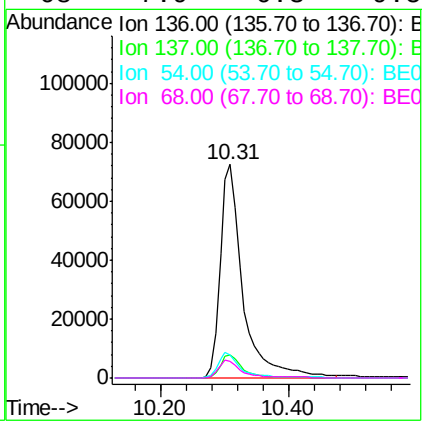


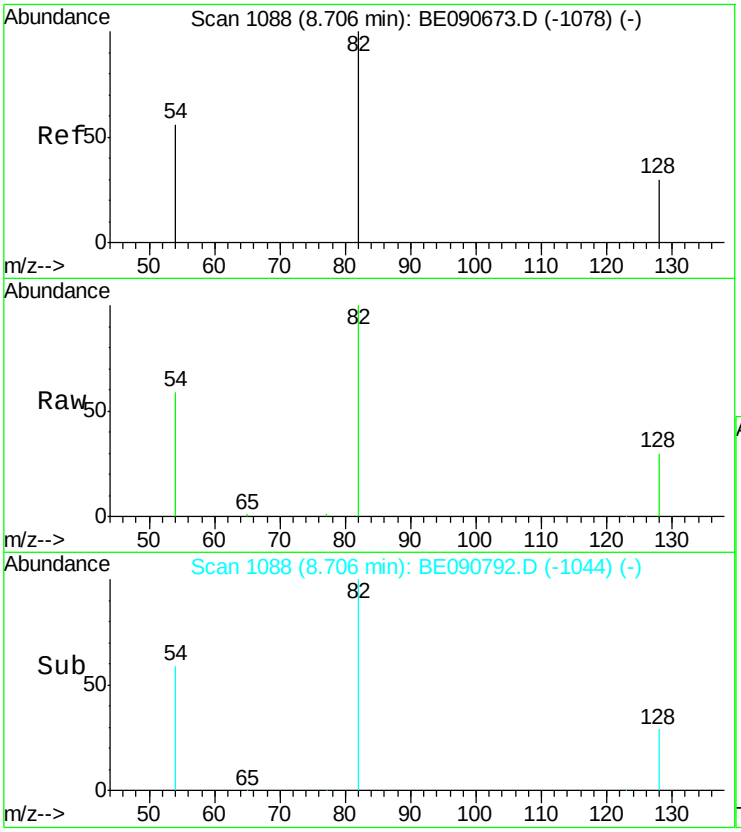


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Tgt Ion:136 Resp: 178073

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.0	9.0	13.6
68	7.9	6.3	9.5



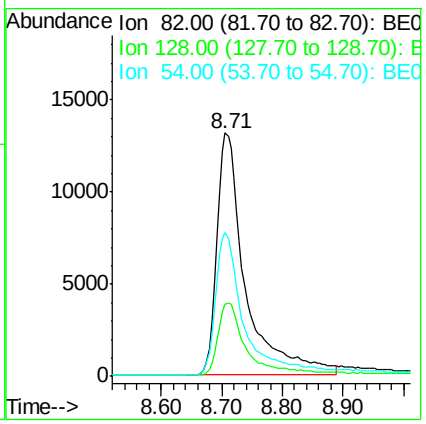


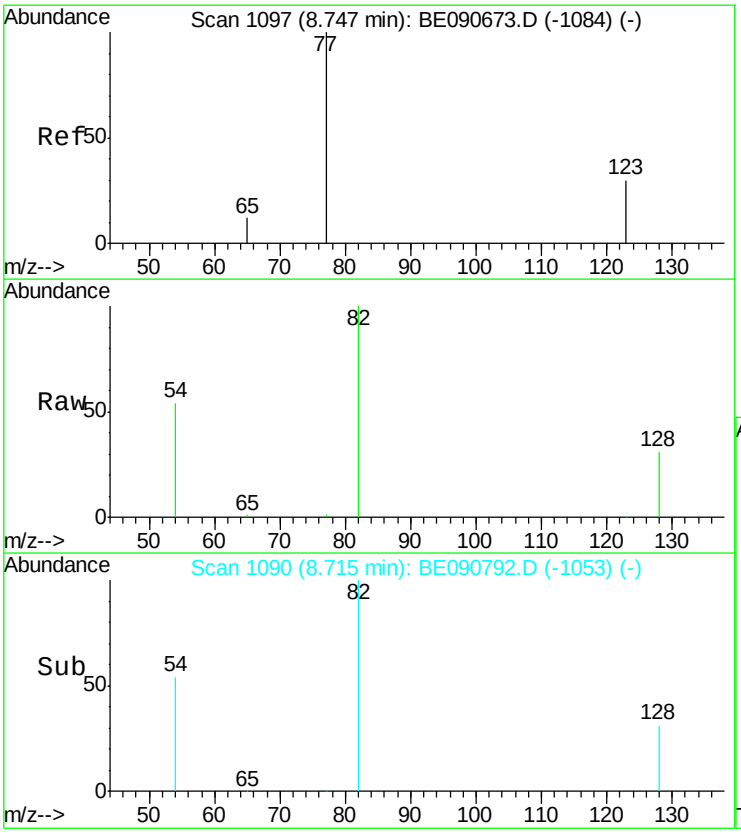
#7
Nitrobenzene-d5
Concen: 3.67 ng
RT: 8.71 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Instrument :
BNA_E
ClientSampleId :
SC-2

Tgt Ion: 82 Resp: 43147

Ion	Ratio	Lower	Upper
82	100		
128	29.7	25.0	37.4
54	58.8	46.3	69.5

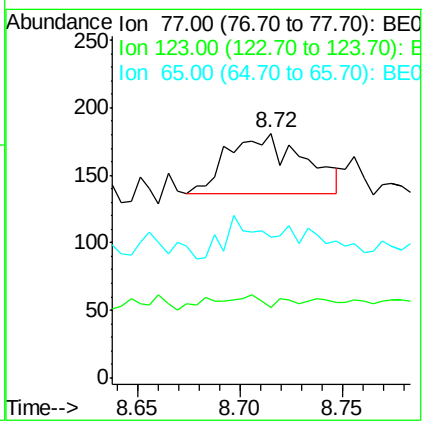


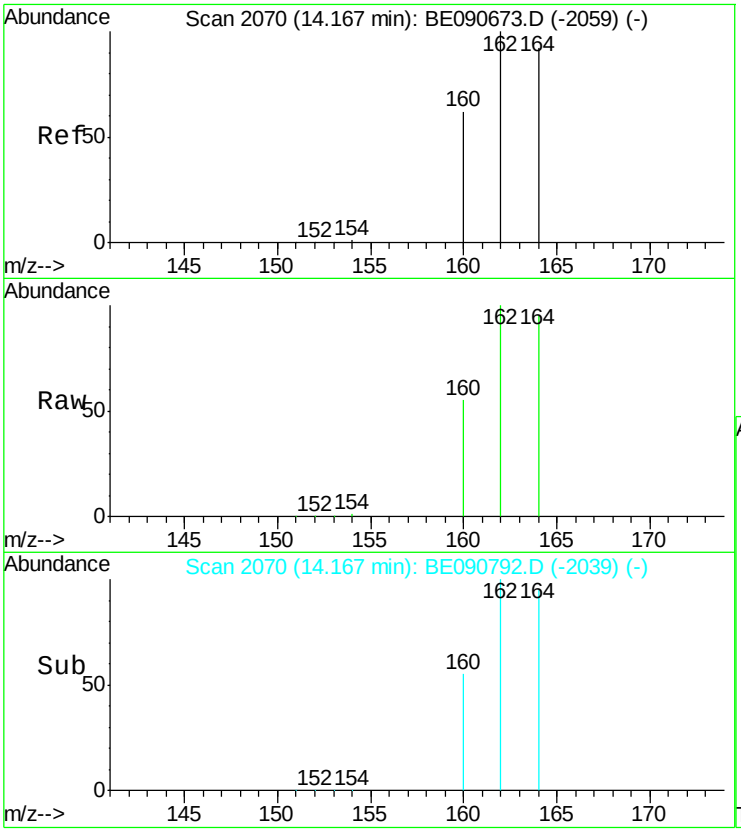


#8
Nitrobenzene
Concen: 0.12 ng
RT: 8.72 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Tgt Ion: 77 Resp: 114

Ion	Ratio	Lower	Upper
77	100		
123	3.5	25.1	37.7#
65	0.0	9.9	14.9#



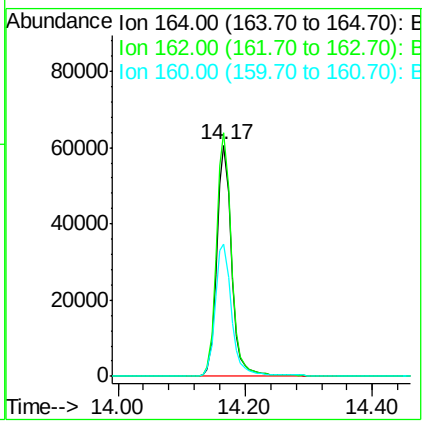


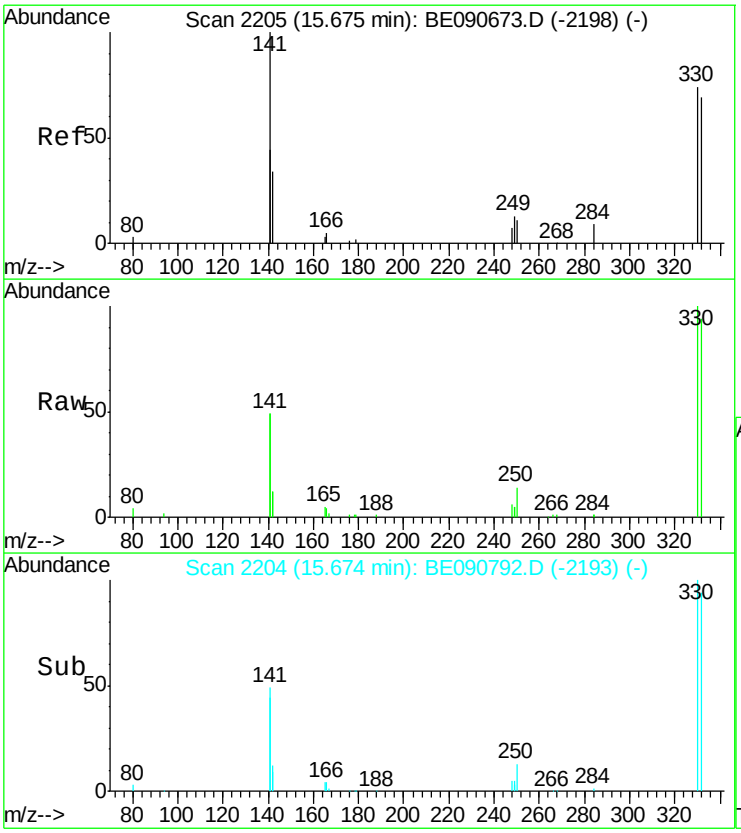
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Instrument :
BNA_E
ClientSampleId :
SC-2

Tgt Ion:164 Resp: 97125

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.8	130.2
160	57.5	53.9	80.9

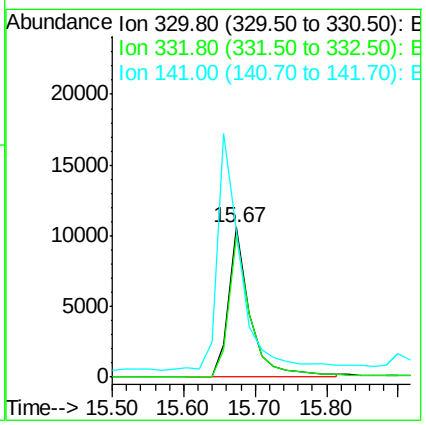


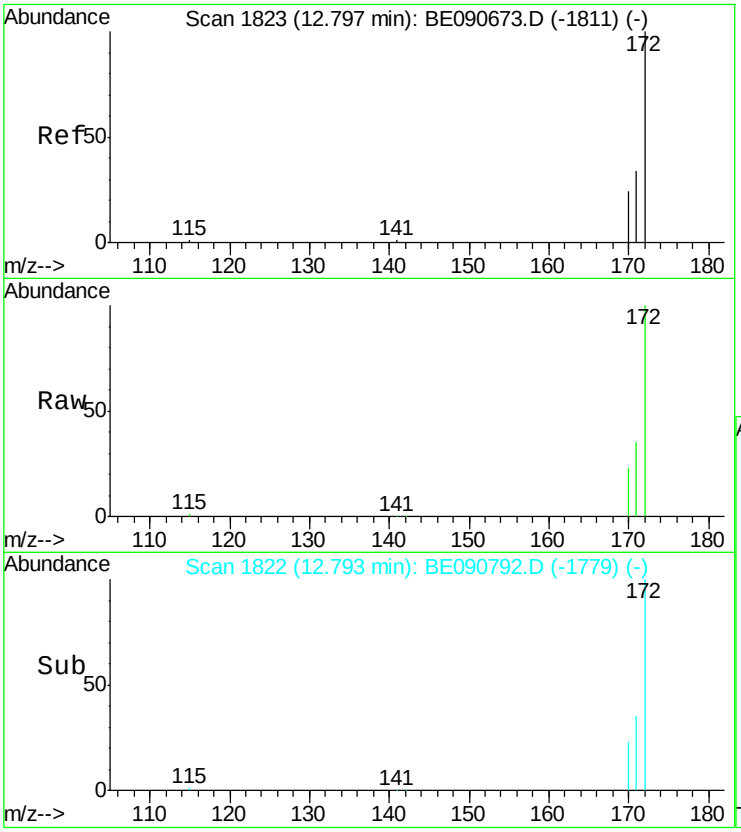


#13
2,4,6-Tribromophenol
Concen: 7.59 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Tgt Ion:330 Resp: 21615

Ion	Ratio	Lower	Upper
330	100		
332	95.0	74.9	112.3
141	178.0	145.2	217.8



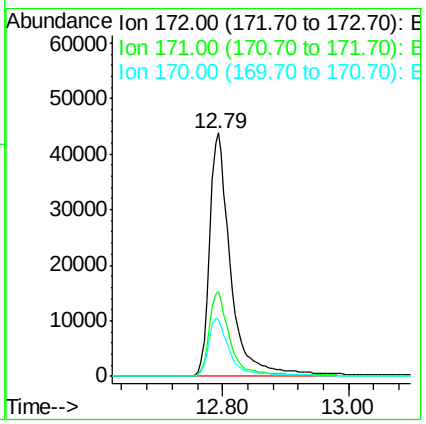


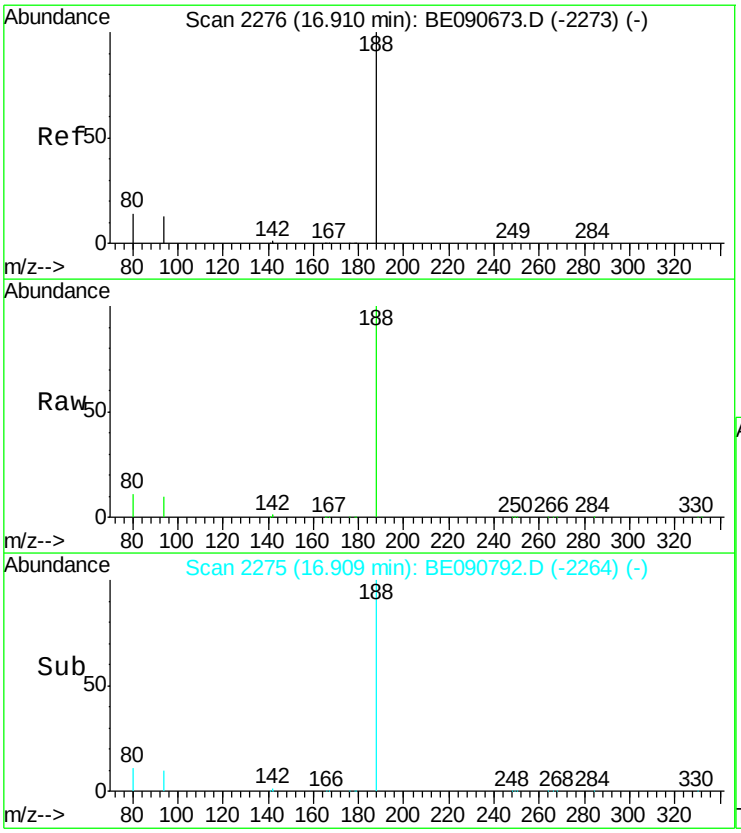
#14
2-Fluorobiphenyl
Concen: 3.77 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Instrument :
BNA_E
ClientSampleId :
SC-2

Tgt Ion:172 Resp: 101493

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	23.5	19.8	29.6

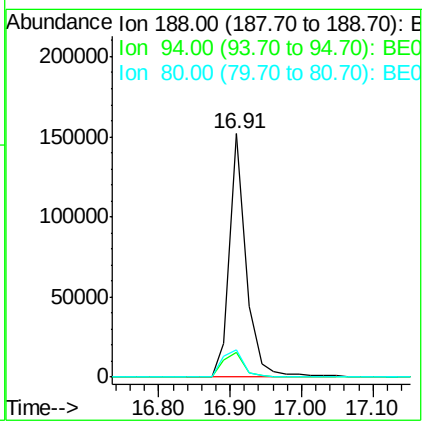


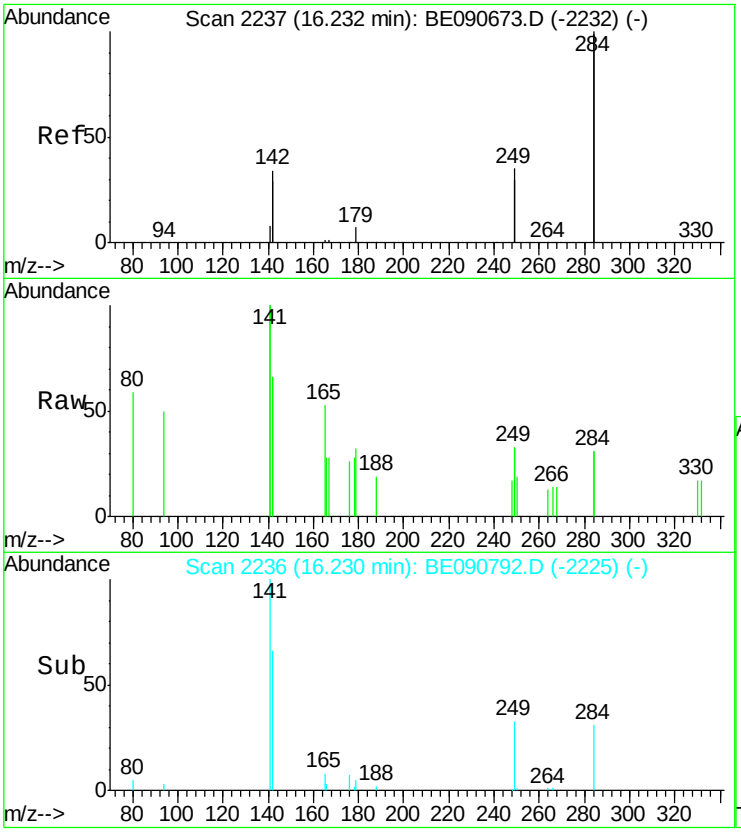


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Tgt Ion:188 Resp: 245409

Ion	Ratio	Lower	Upper
188	100		
94	10.2	10.3	15.5#
80	11.2	11.0	16.6



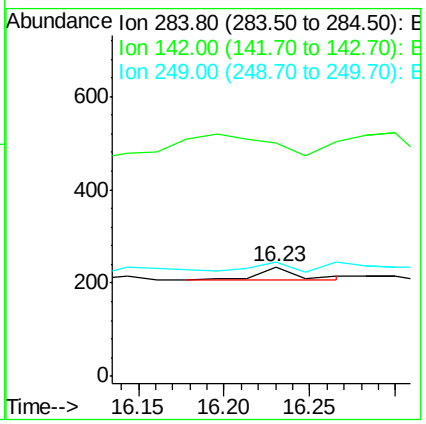


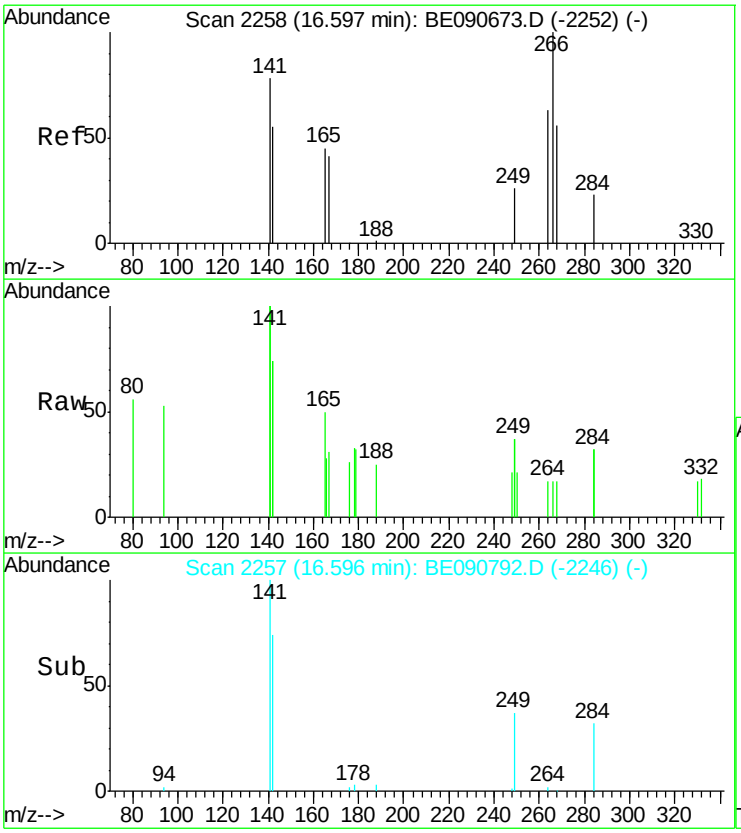
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Instrument :
BNA_E
ClientSampleId :
SC-2

Tgt Ion:284 Resp: 44

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	77.3	25.5	38.3#

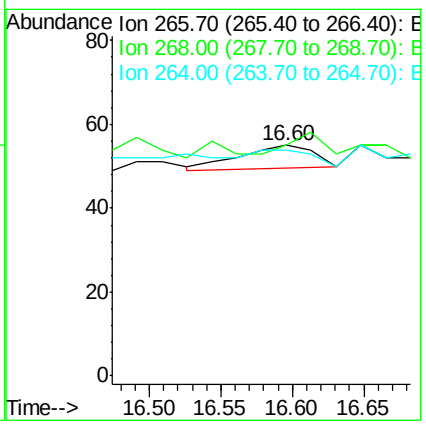


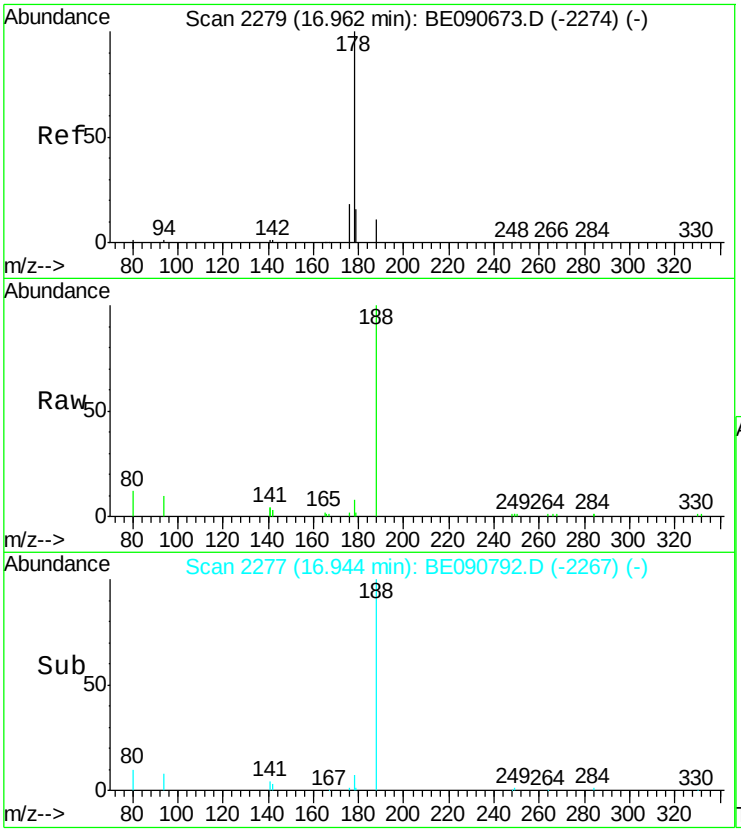


#21
Pentachlorophenol
Concen: 0.47 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Tgt Ion:266 Resp: 20

Ion	Ratio	Lower	Upper
266	100		
268	100.0	49.6	74.4#
264	98.2	53.9	80.9#



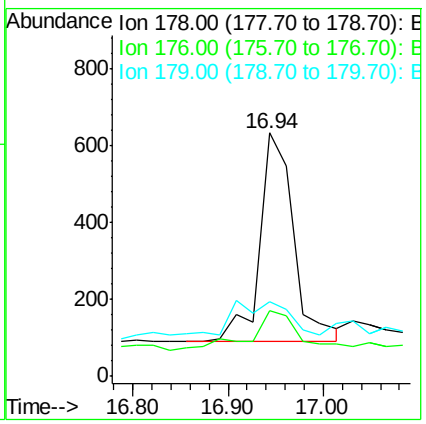


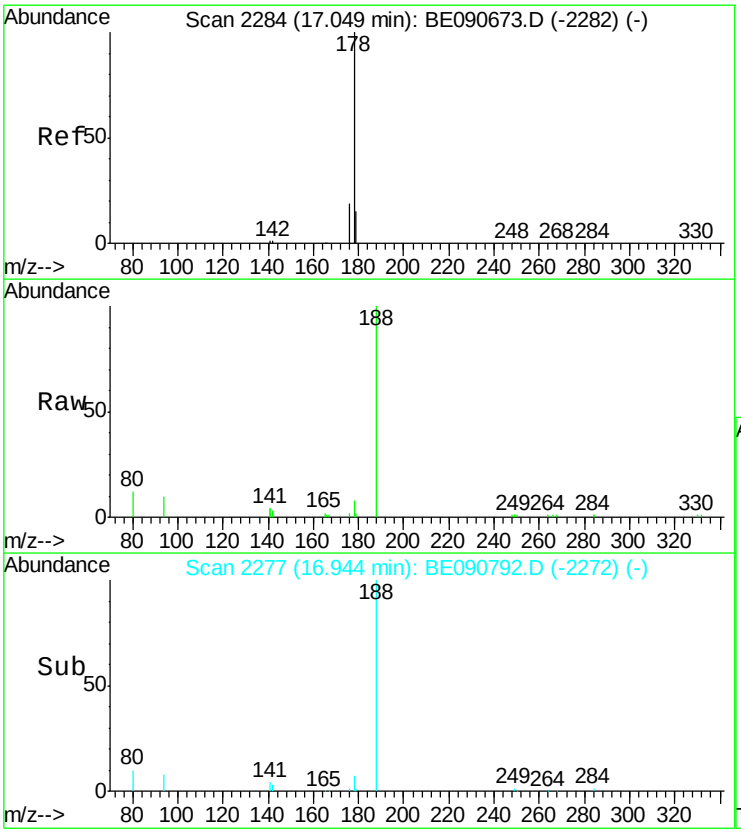
#22
Phenanthrene
Concen: 0.02 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Instrument :
BNA_E
ClientSampleId :
SC-2

Tgt Ion:178 Resp: 1335

Ion	Ratio	Lower	Upper
178	100		
176	26.4	15.6	23.4#
179	0.0	12.8	19.2#

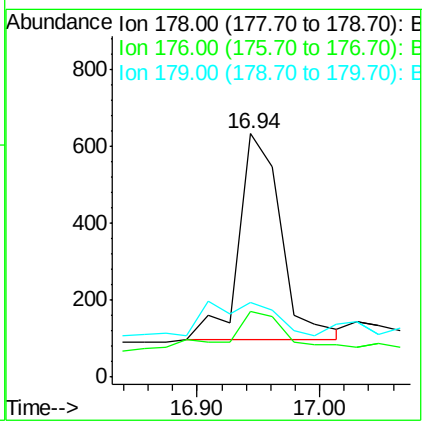


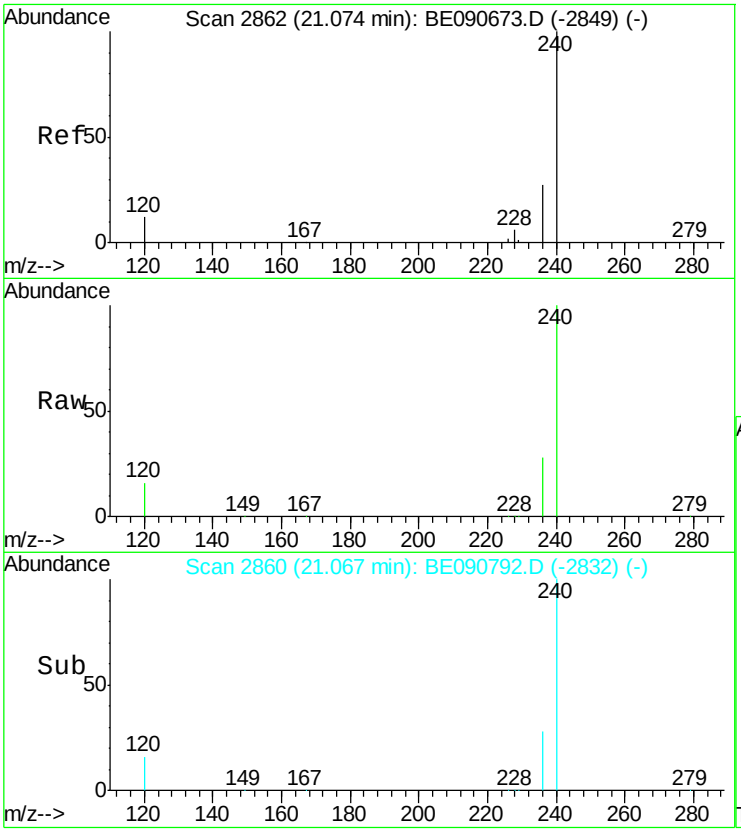


#23
Anthracene
Concen: 0.03 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.11 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Tgt Ion:178 Resp: 1277

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.6
179	0.0	12.3	18.5#



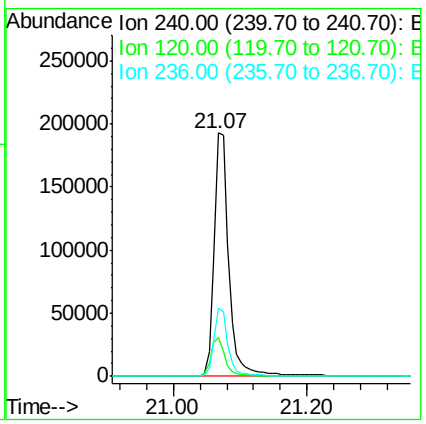


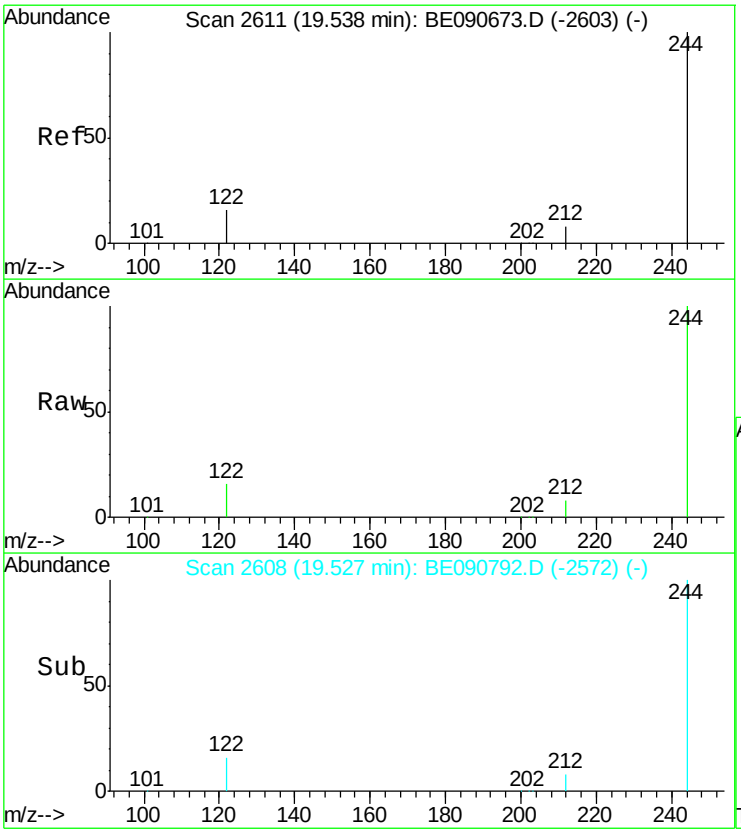
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Instrument :
BNA_E
ClientSampleId :
SC-2

Tgt Ion:240 Resp: 291008

Ion	Ratio	Lower	Upper
240	100		
120	16.0	10.1	15.1#
236	28.0	21.9	32.9

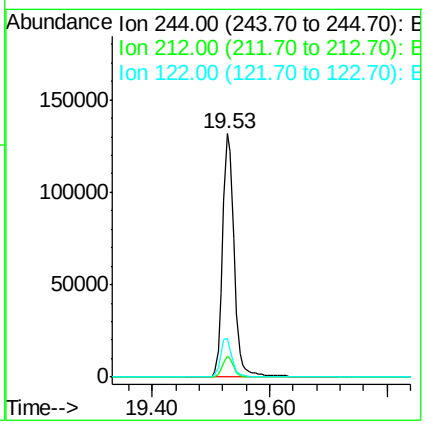


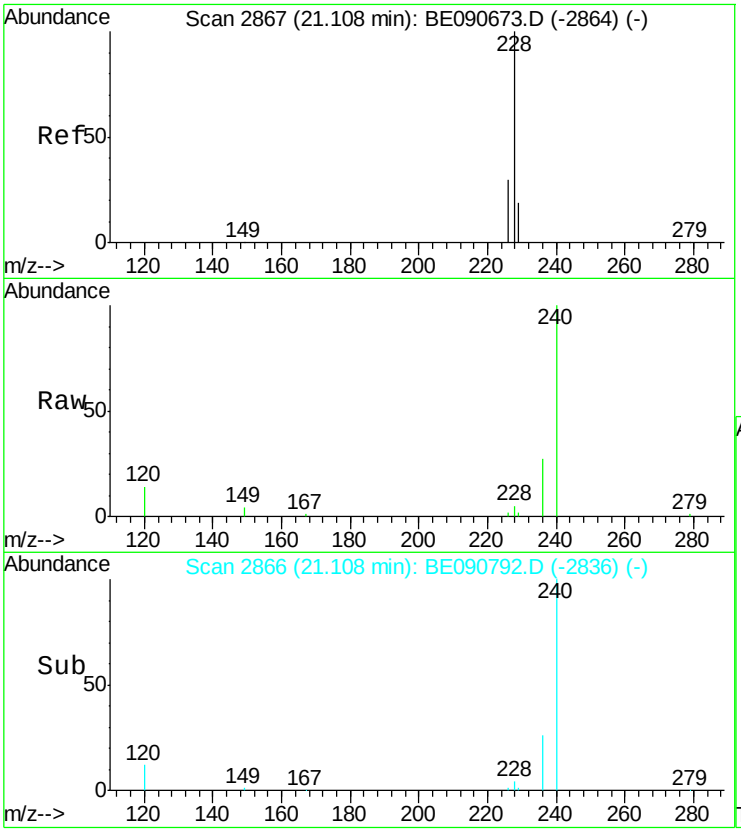


#27
Terphenyl-d14
Concen: 5.60 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Tgt Ion:244 Resp: 180242

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



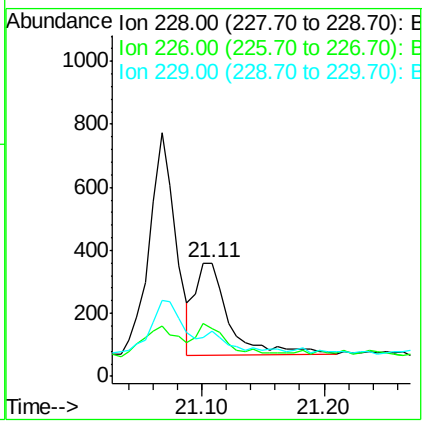


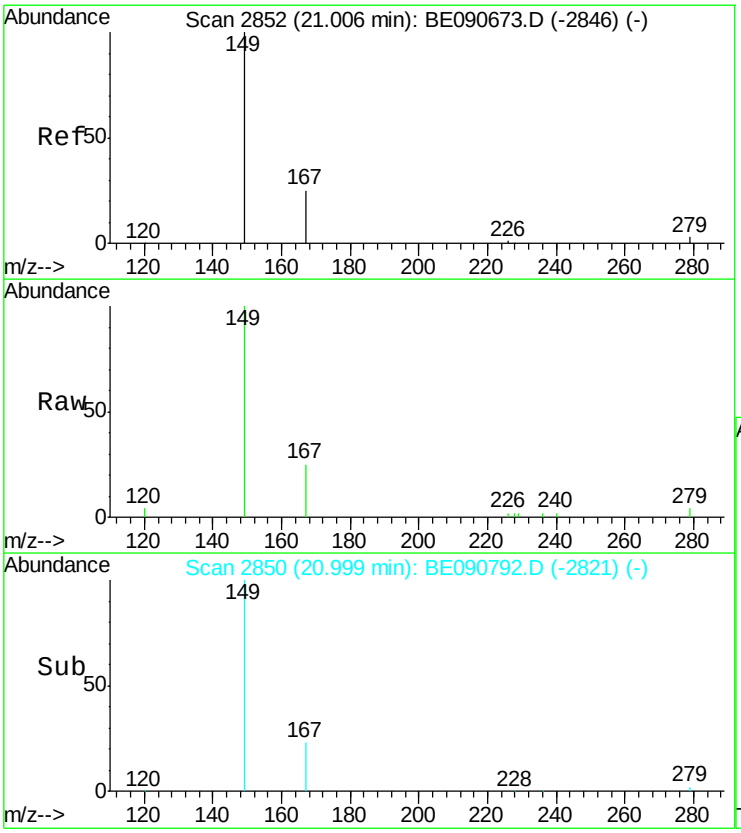
#29
Chrysene
Concen: Below Cal
RT: 21.11 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Instrument :
BNA_E
ClientSampleId :
SC-2

Tgt Ion:228 Resp: 550

Ion	Ratio	Lower	Upper
228	100		
226	42.4	24.2	36.4#
229	39.9	15.3	22.9#

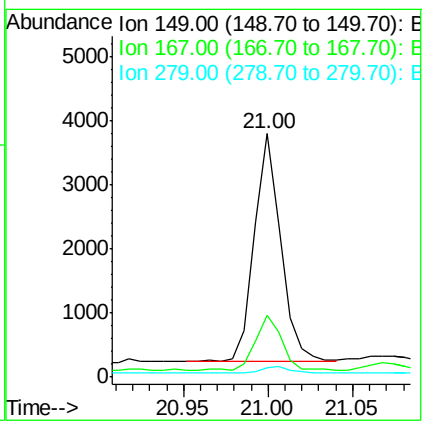


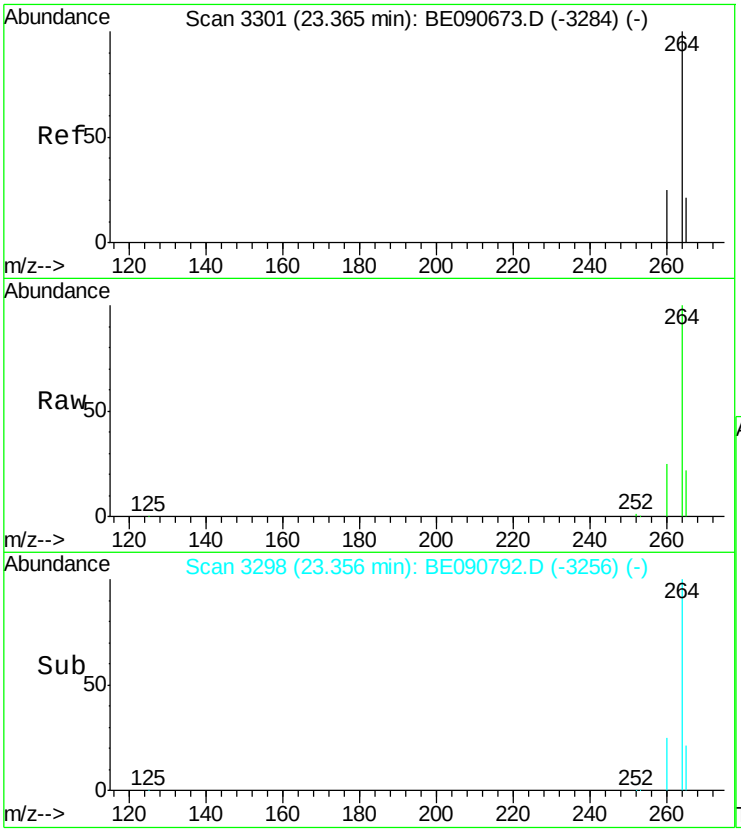


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Tgt Ion:149 Resp: 3876

Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.1	30.1
279	3.0	2.3	3.5



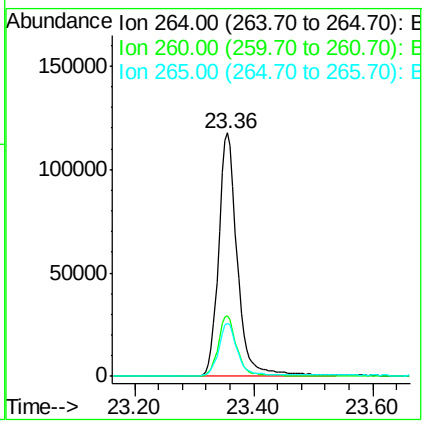


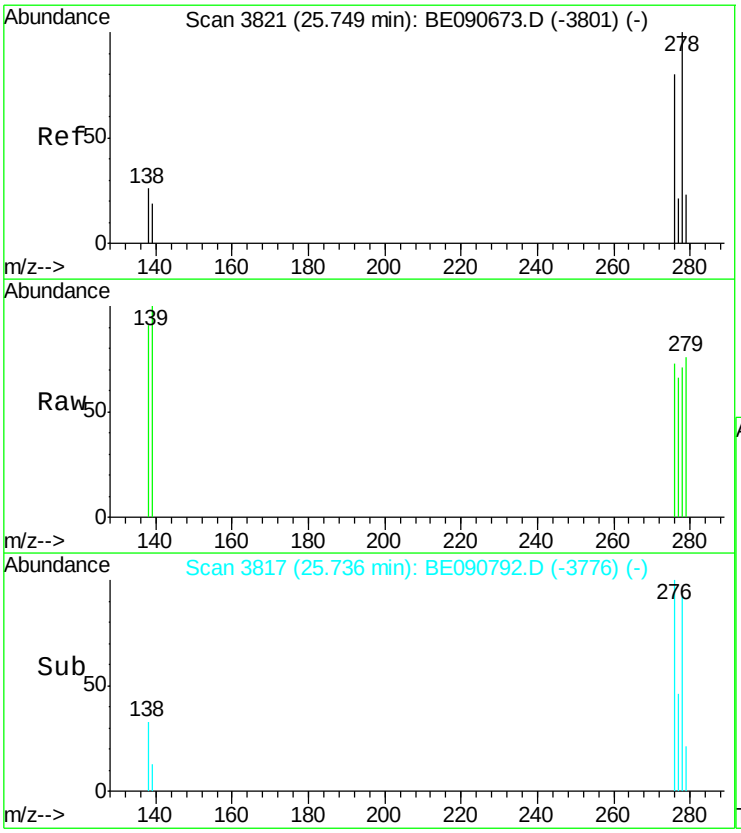
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Instrument :
BNA_E
ClientSampleId :
SC-2

Tgt Ion:264 Resp: 259093

Ion	Ratio	Lower	Upper
264	100		
260	24.9	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# 3817
Delta R.T. -0.01 min
Lab File: BE090792.D
Acq: 11 Sep 2015 19:44

Tgt Ion:278 Resp: 13

Ion	Ratio	Lower	Upper
278	100		
139	140.0	15.4	23.0#
279	106.7	18.8	28.2#