Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090564.D
Acq On : 18 Aug 2015 21:17
Operator : UM/IZ
Sample : G3329-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 081715-D534-F-D-S

Quant Time: Aug 19 02:35:13 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 02:30:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23269	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	117041	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	63968	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	138193	5.00	ng	0.00
25) Chrysene-d12	21.09	240	136170	5.00	ng	0.00
32) Perylene-d12	23.40	264	124091	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	17879	2.66	ng	0.00
5) Phenol-d6	6.78	99	14439	1.46	ng	0.00
7) Nitrobenzene-d5	8.72	82	30953	3.32	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	19458	7.90	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	66358	3.47	ng	0.00
27) Terphenyl-d14	19.55	244	95067	3.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	55	Below Cal	#	15
3) n-Nitrosodimethylamine	3.49	42	36	0.01	ng #	28
8) Nitrobenzene	8.72	77	76	0.01	ng #	32
9) Naphthalene	10.38	128	302	0.01	ng #	38
10) Hexachlorobutadiene	10.67	225	3	0.00	ng #	1
11) 2-Methylnaphthalene	12.02	142	126	0.01	ng #	68
15) Acenaphthylene	13.91	152	126	0.00	ng #	85
16) Acenaphthene	14.25	154	69	0.00	ng	79
17) Fluorene	15.26	166	245	0.01	ng #	66
19) 4-Bromophenyl-phenylether	16.14	248	18	0.00	ng #	1
20) Hexachlorobenzene	16.27	284	48	0.00	ng #	40
21) Pentachlorophenol	16.61	266	17	0.31	ng #	66
22) Phenanthrene	16.98	178	638	0.02	ng #	81
23) Anthracene	17.07	178	101	0.00	ng #	82
24) Fluoranthene	18.98	202	301	0.01	ng #	89
26) Pyrene	19.34	202	337	0.01	ng #	92
28) Benzo(a)anthracene	21.09	228	531	0.01	ng #	74
29) Chrysene	21.13	228	138	0.00	ng #	34
30) Bis(2-ethylhexyl)phthalate	21.02	149	2403	0.25	ng	100
31) Indeno(1,2,3-cd)pyrene	25.78	276	154	0.00	ng #	60
33) Benzo(b)fluoranthene	22.71	252	135	0.00	ng #	1
34) Benzo(k)fluoranthene	22.71	252	135	0.00	ng #	1
35) Benzo(a)pyrene	23.29	252	123	0.00	ng #	1
36) Dibenzo(a,h)anthracene	25.80	278	127	0.00	ng #	1
37) Benzo(g,h,i)perylene	26.51	276	134	0.00	ng #	1

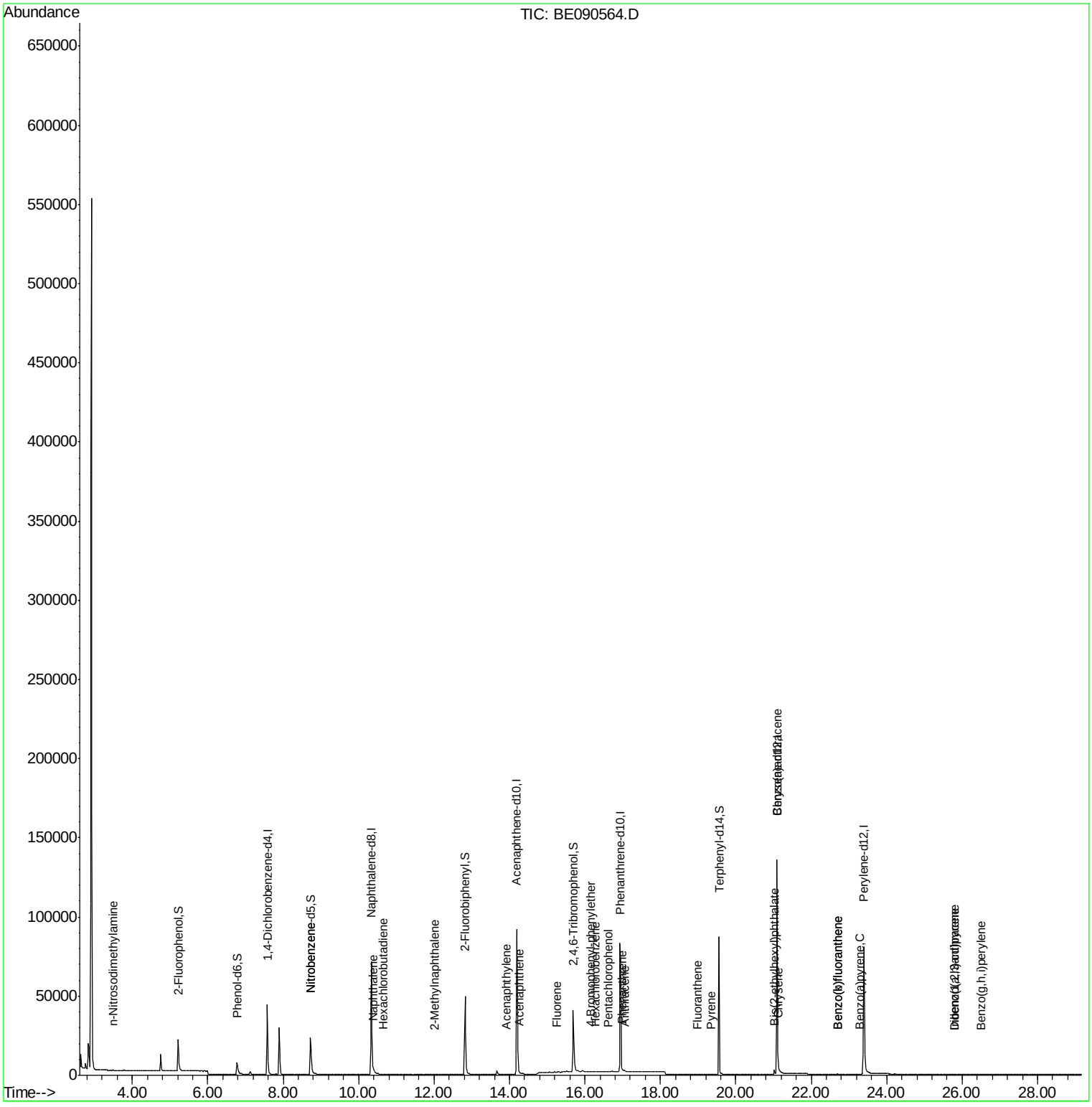
(#) = qualifier out of range (m) = manual integration (+) = signals summed

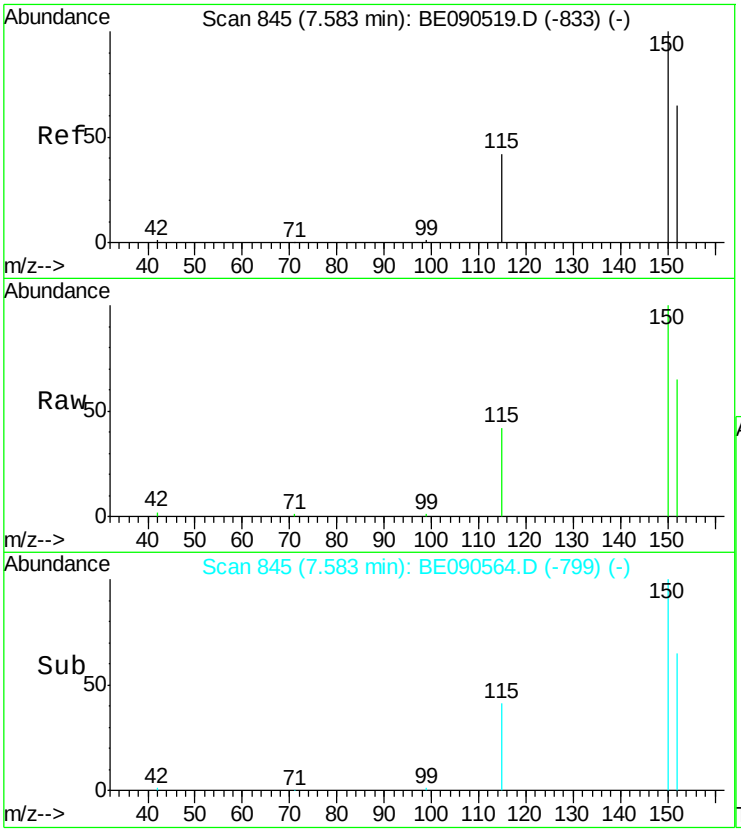
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090564.D
Acq On : 18 Aug 2015 21:17
Operator : UM/IZ
Sample : G3329-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Quant Time: Aug 19 02:35:13 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 02:30:21 2015
Response via : Initial Calibration



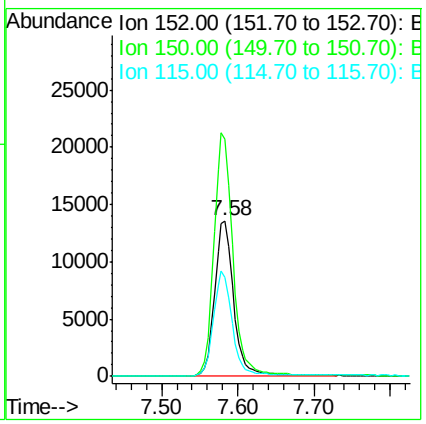


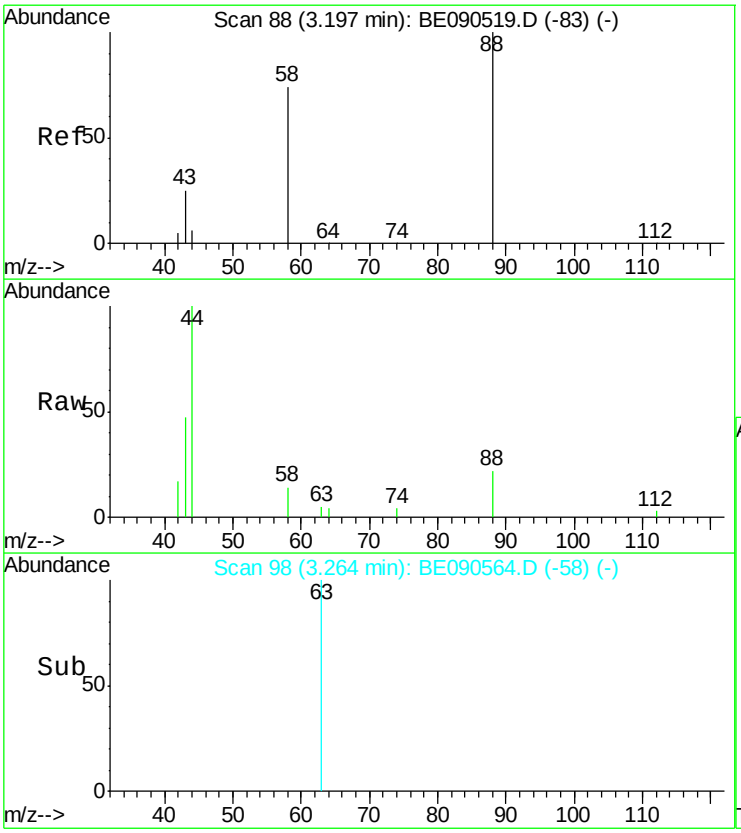
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. 0.01 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:152 Resp: 23269

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.0	184.4
115	63.5	48.9	73.3

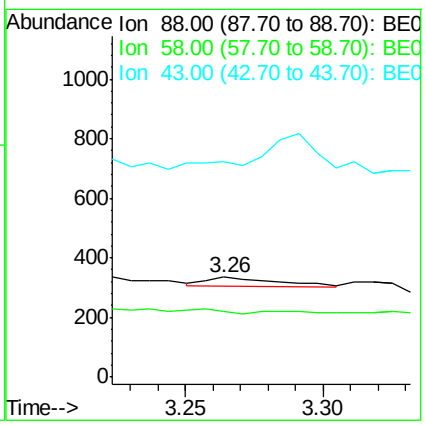


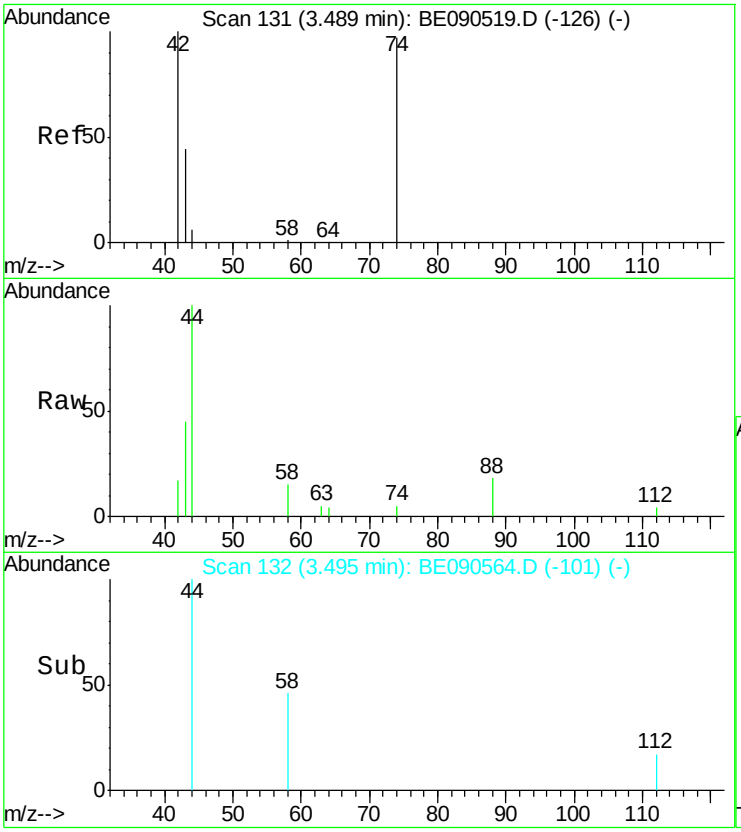


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.26 min Scan# 98
Delta R.T. 0.07 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
58	0.0	70.0	105.0#
43	0.0	28.4	42.6#



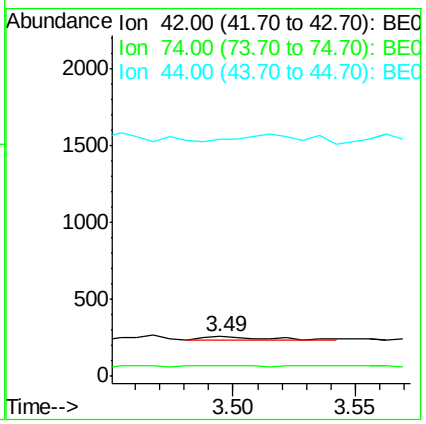


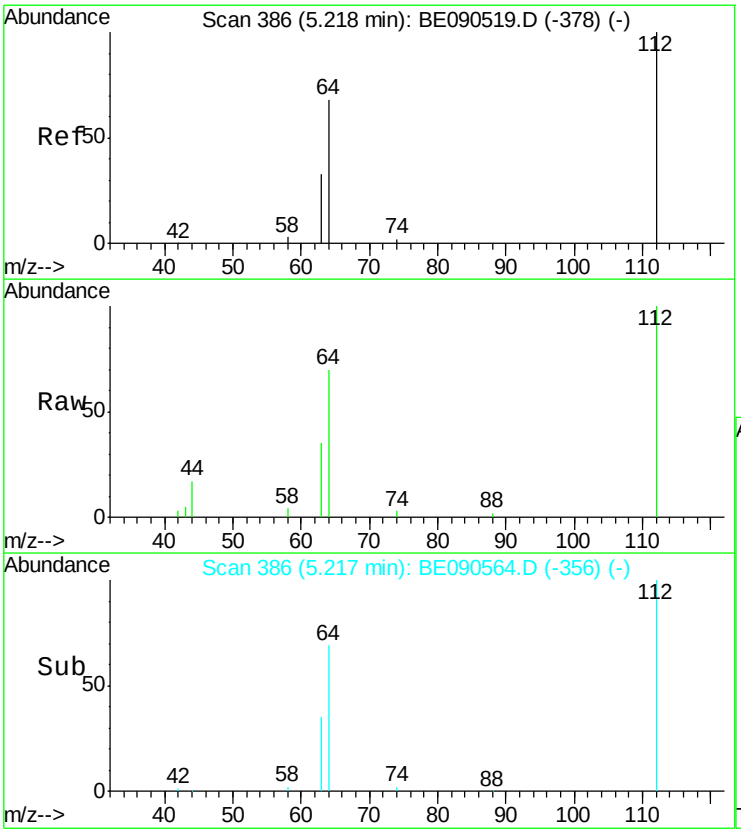
#3
n-Nitrosodimethylamine
Concen: 0.01 ng
RT: 3.49 min Scan# 132
Delta R.T. 0.01 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion: 42 Resp: 36

Ion	Ratio	Lower	Upper
42	100		
74	19.4	75.2	112.8#
44	0.0	8.7	13.1#

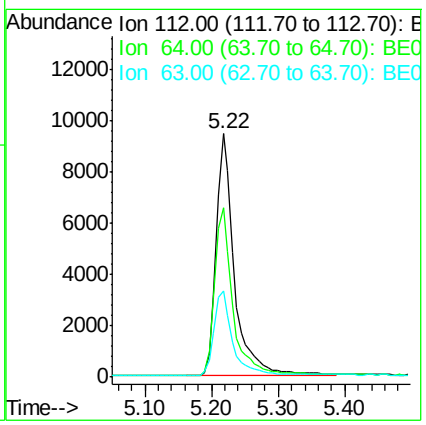


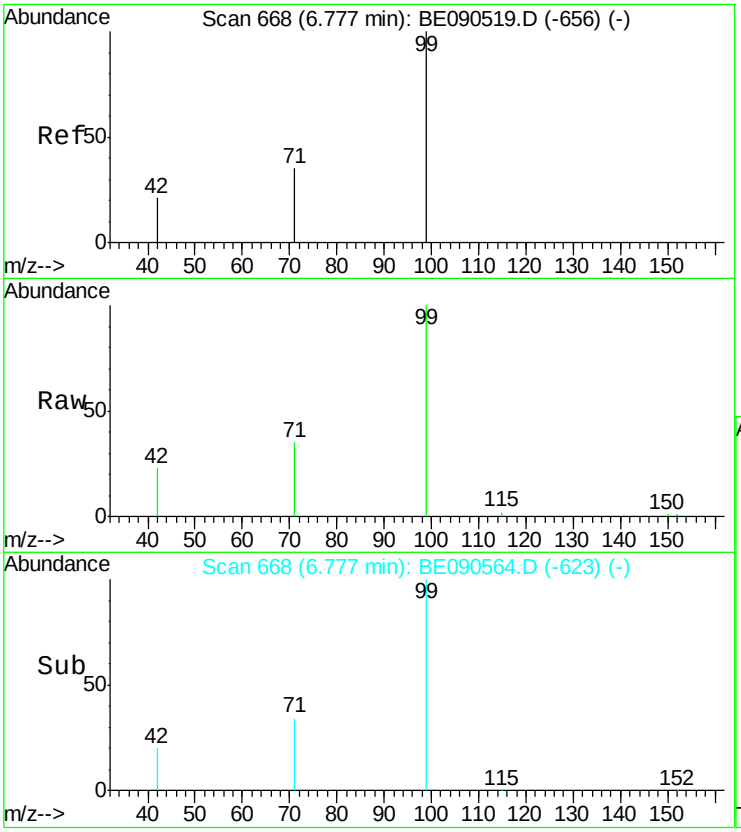


#4
2-Fluorophenol
Concen: 2.66 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.01 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:112 Resp: 17879

Ion	Ratio	Lower	Upper
112	100		
64	69.7	37.1	55.7#
63	35.4	19.5	29.3#



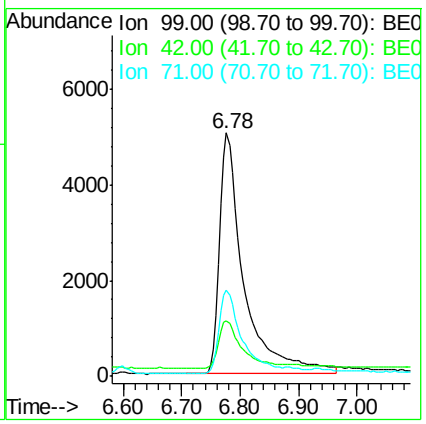


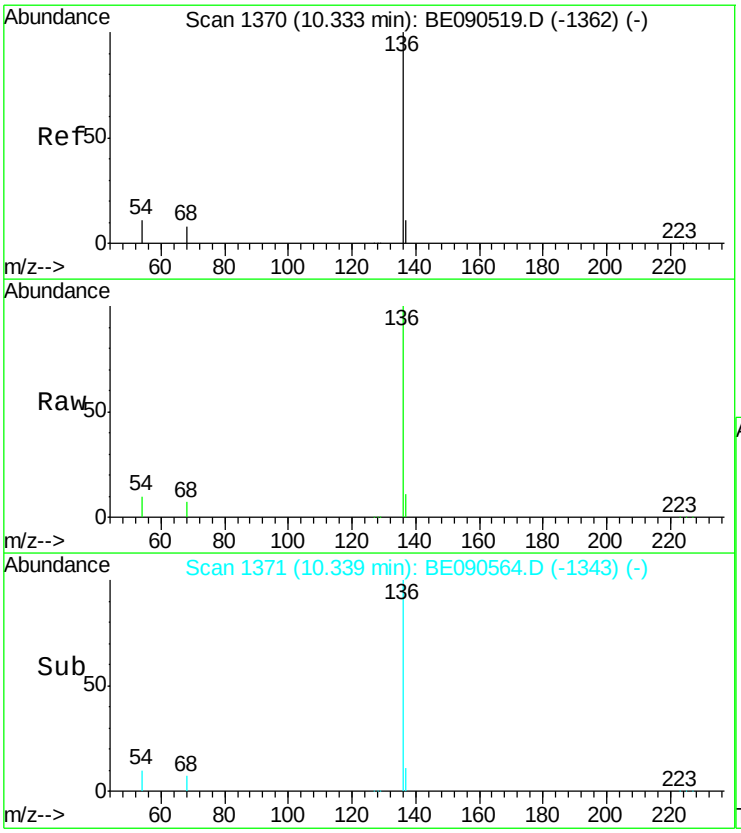
#5
Phenol-d6
Concen: 1.46 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion: 99 Resp: 14439

Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.2	27.4
71	32.4	27.4	41.0

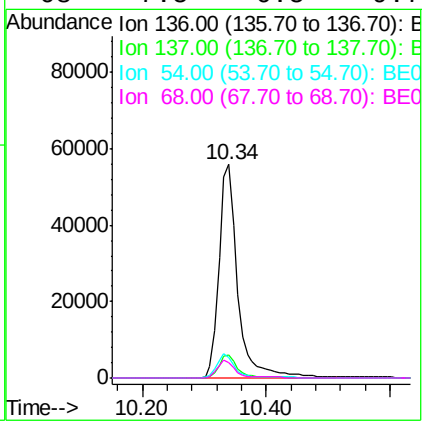


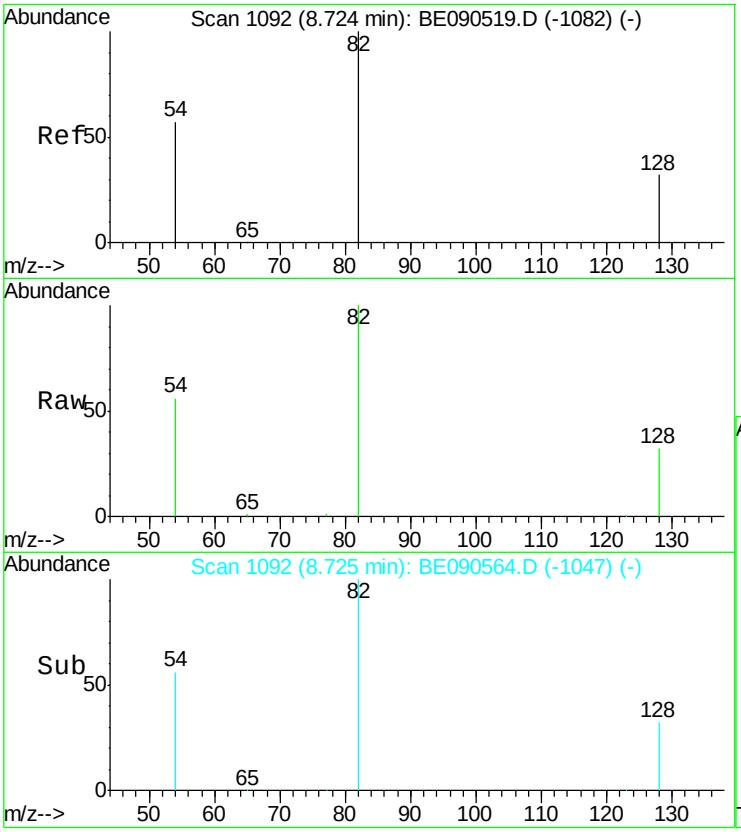


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:136 Resp: 117041

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.8	9.4	14.0
68	7.5	6.5	9.7



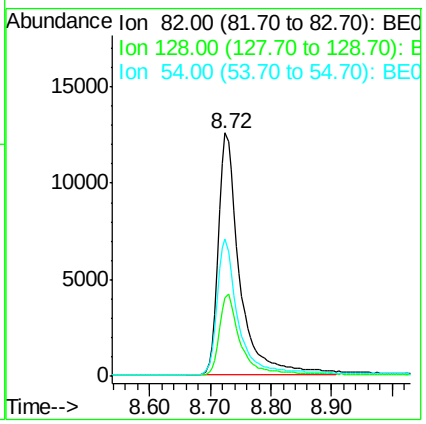


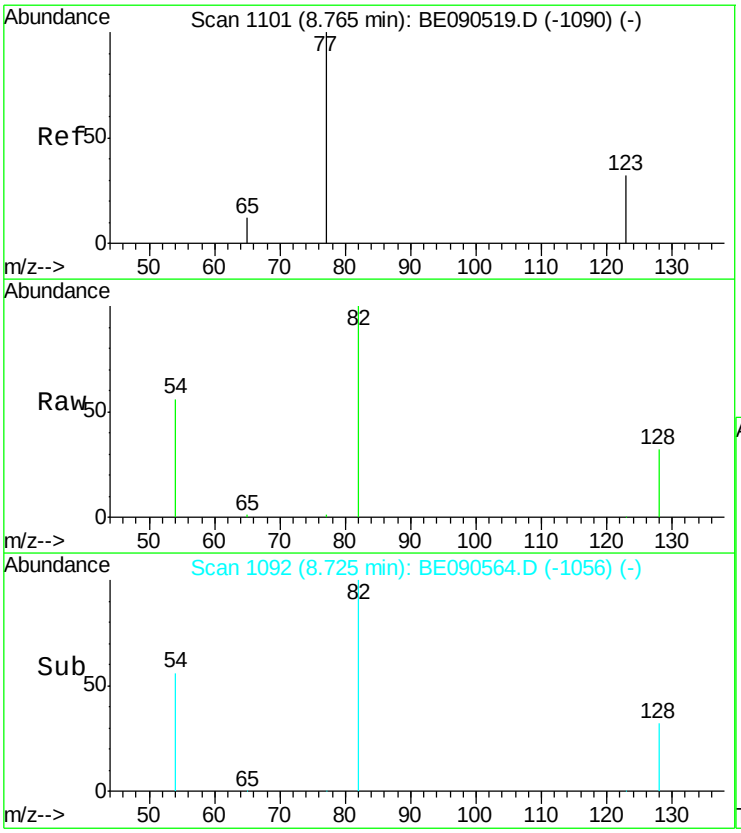
#7
Nitrobenzene-d5
Concen: 3.32 ng
RT: 8.72 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion: 82 Resp: 30953

Ion	Ratio	Lower	Upper
82	100		
128	32.3	25.0	37.6
54	56.3	48.8	73.2

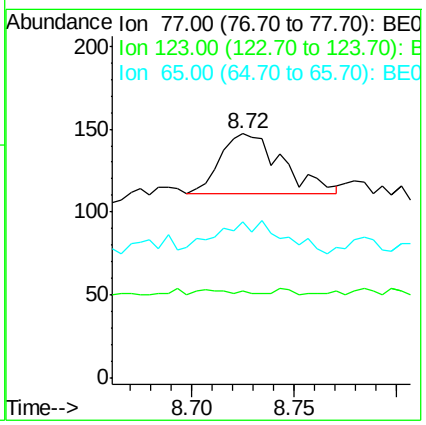


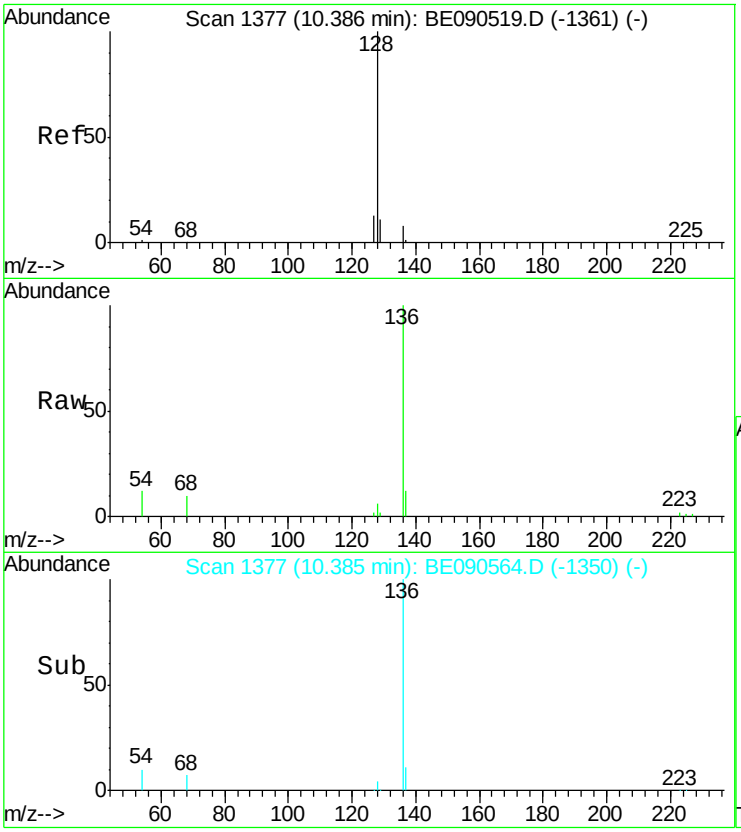


#8
Nitrobenzene
Concen: 0.01 ng
RT: 8.72 min Scan# 1092
Delta R.T. -0.04 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion: 77 Resp: 76

Ion	Ratio	Lower	Upper
77	100		
123	3.9	25.1	37.7#
65	56.6	9.3	13.9#



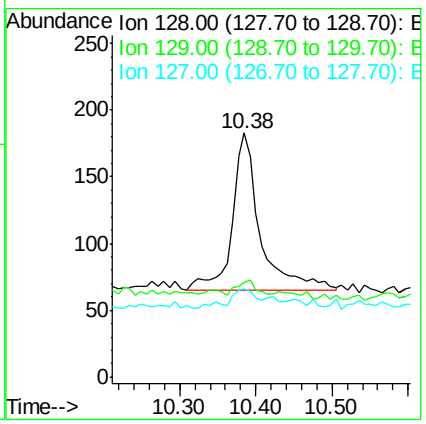


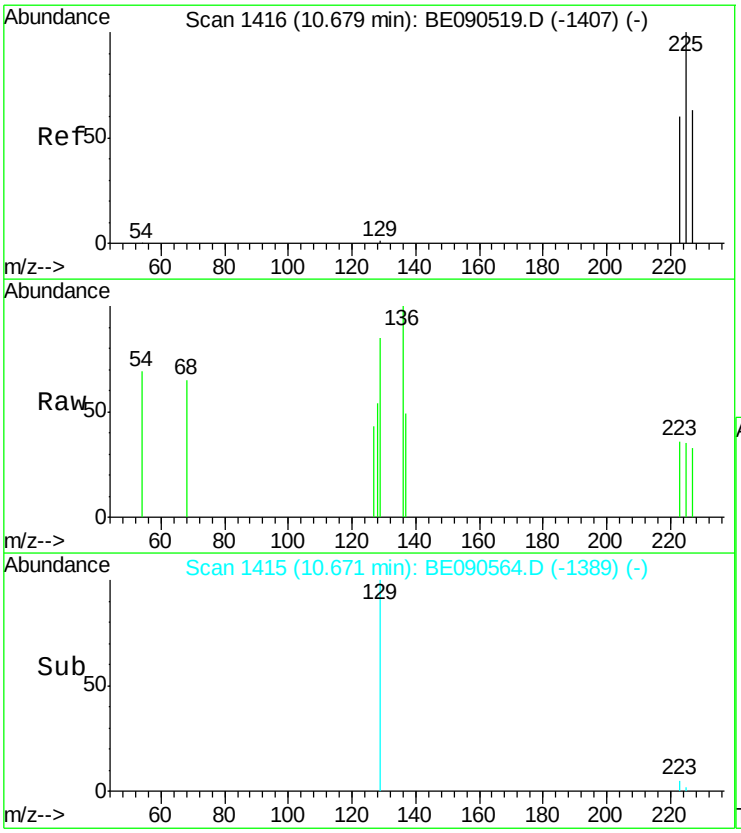
#9
Naphthalene
Concen: 0.01 ng
RT: 10.38 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:128 Resp: 302

Ion	Ratio	Lower	Upper
128	100		
129	38.8	9.8	14.6#
127	36.1	10.6	16.0#

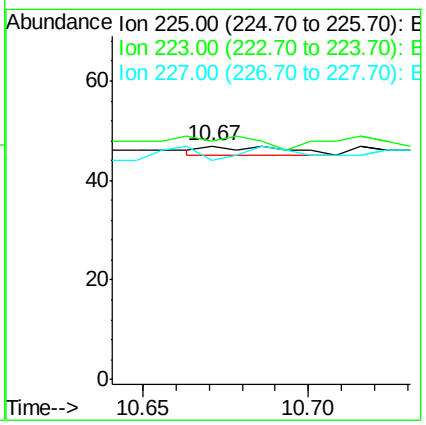


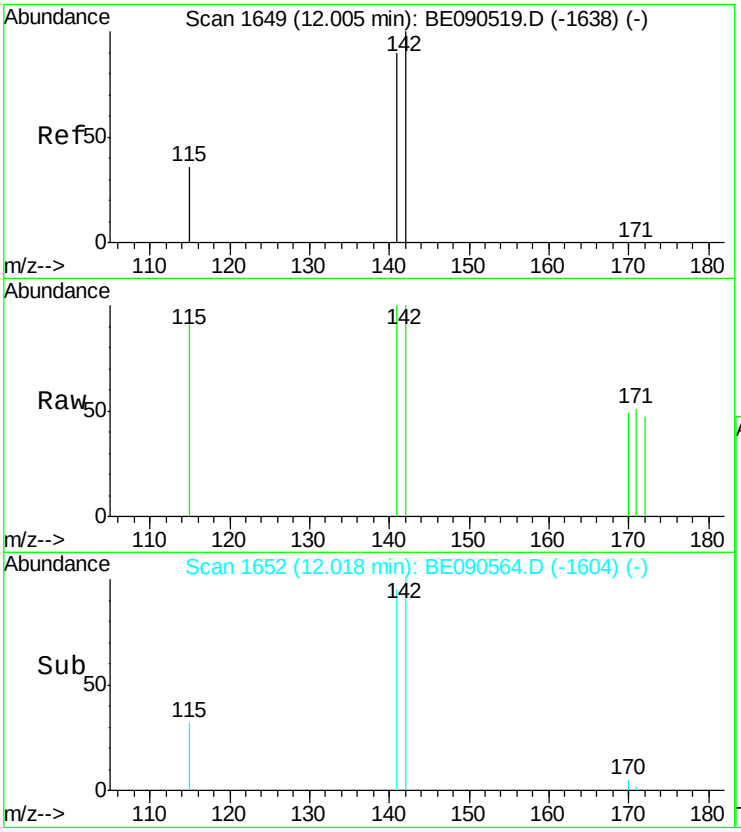


#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.67 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	233.3	50.6	75.8#
227	66.7	50.7	76.1



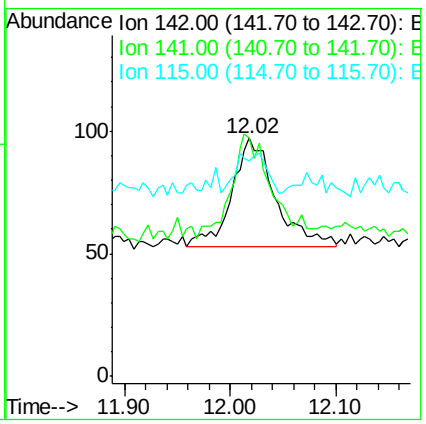


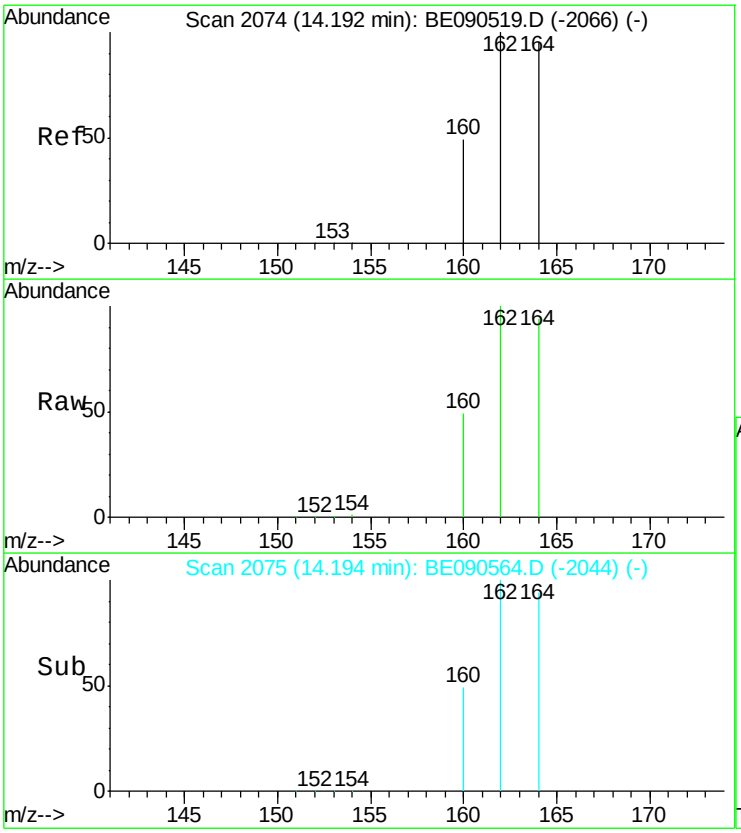
#11
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.02 min Scan# 1652
Delta R.T. 0.02 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:142 Resp: 126

Ion	Ratio	Lower	Upper
142	100		
141	100.0	72.6	109.0
115	90.7	31.6	47.4#

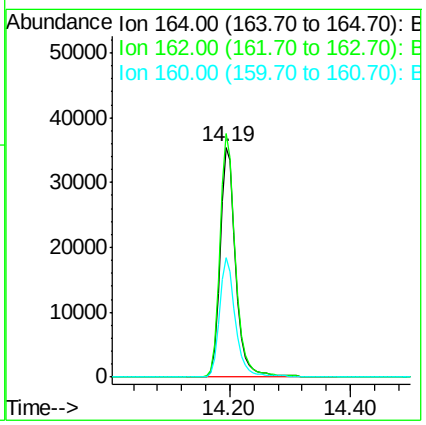


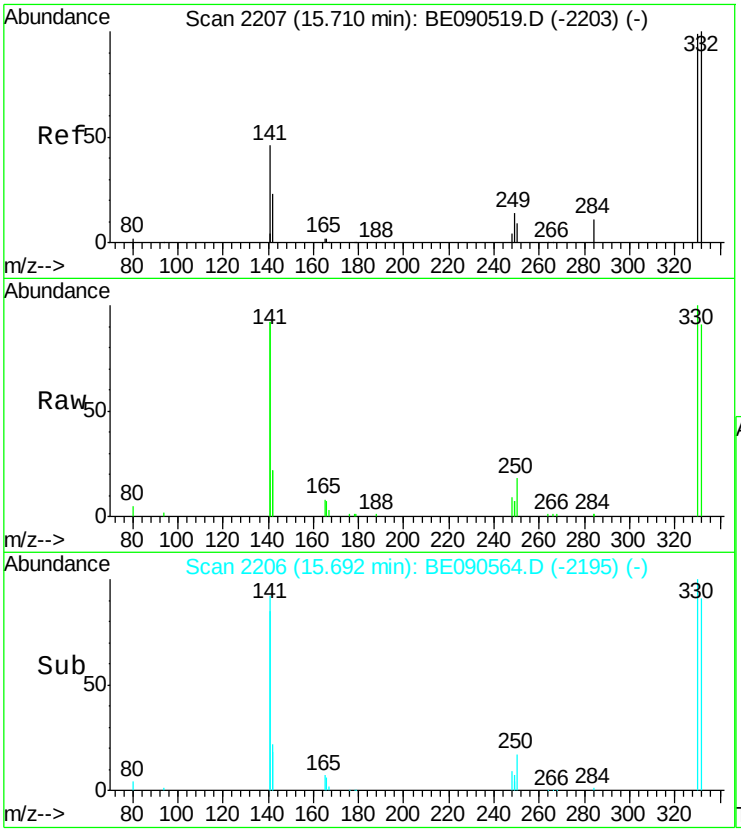


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:164 Resp: 63968

Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.8	122.8
160	52.0	44.2	66.4



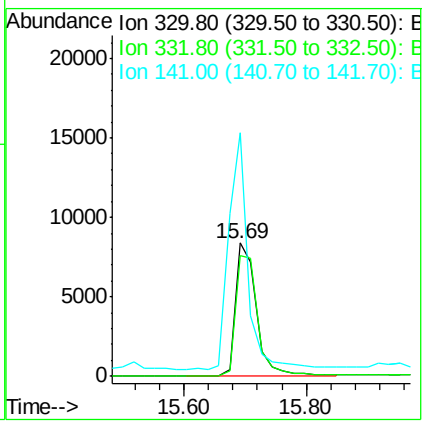


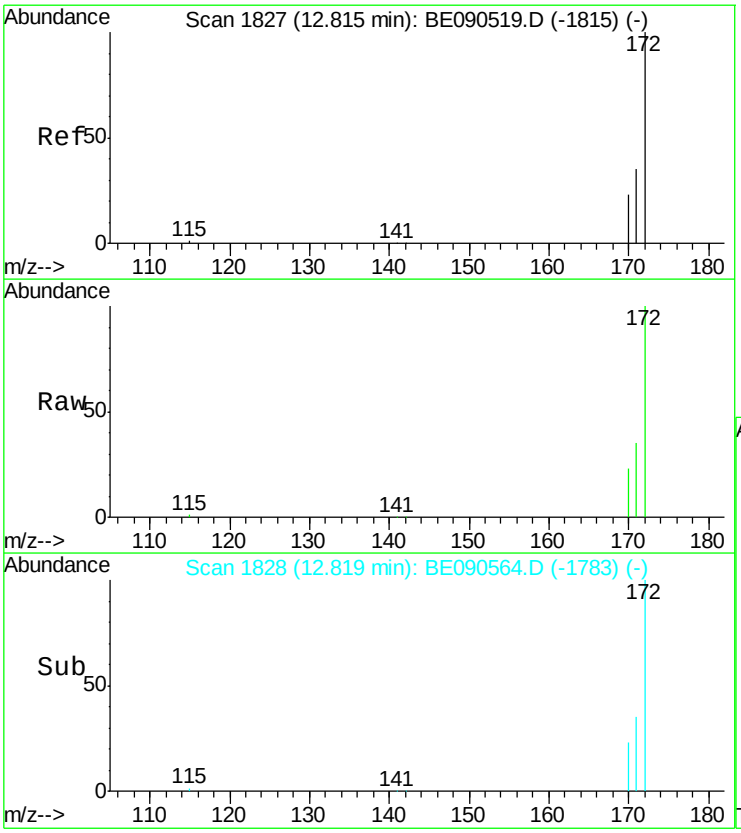
#13
2,4,6-Tribromophenol
Concen: 7.90 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:330 Resp: 19458

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.8	113.6
141	168.7	114.4	171.6

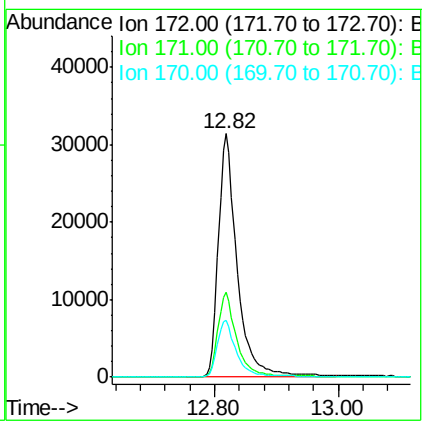


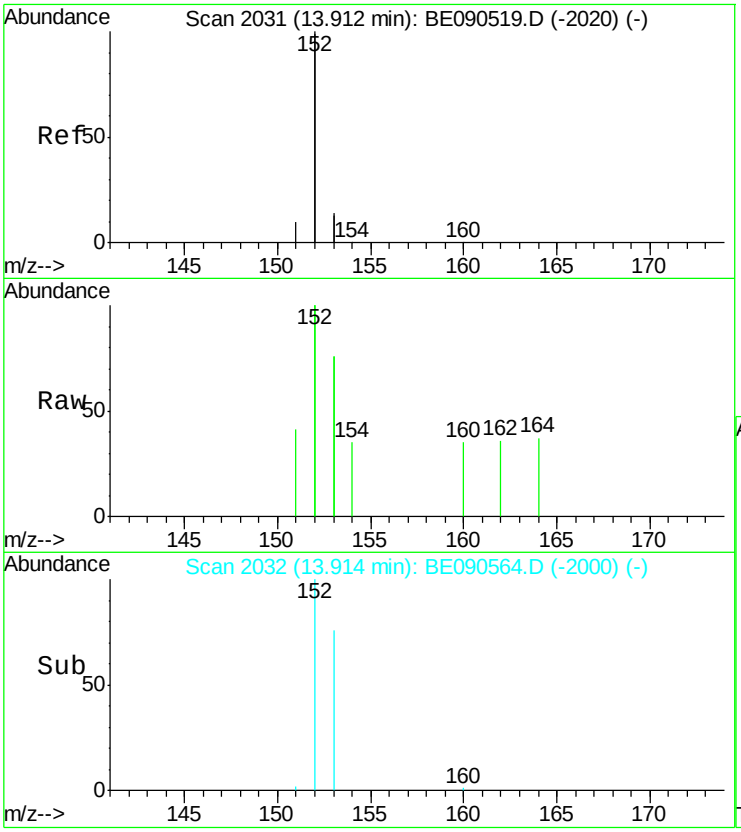


#14
2-Fluorobiphenyl
Concen: 3.47 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:172 Resp: 66358

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.1	19.8	29.8



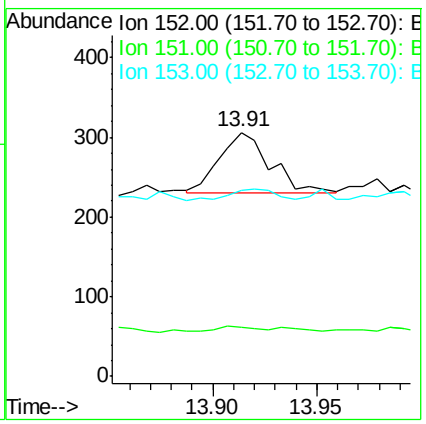


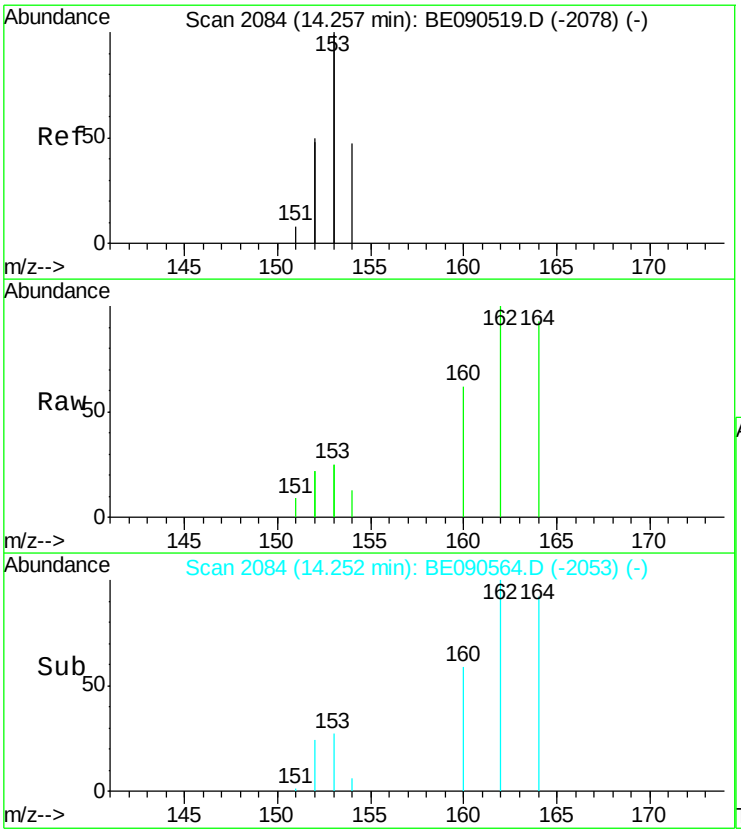
#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.91 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:152 Resp: 126

Ion	Ratio	Lower	Upper
152	100		
151	5.6	3.8	5.8
153	20.6	10.3	15.5#

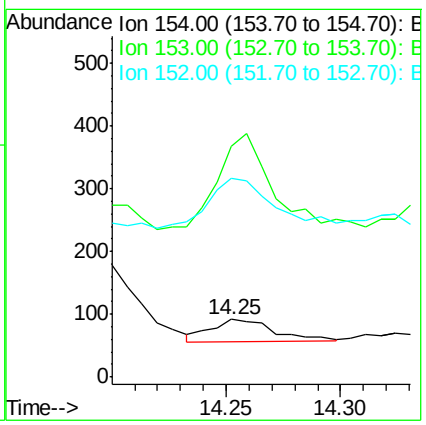


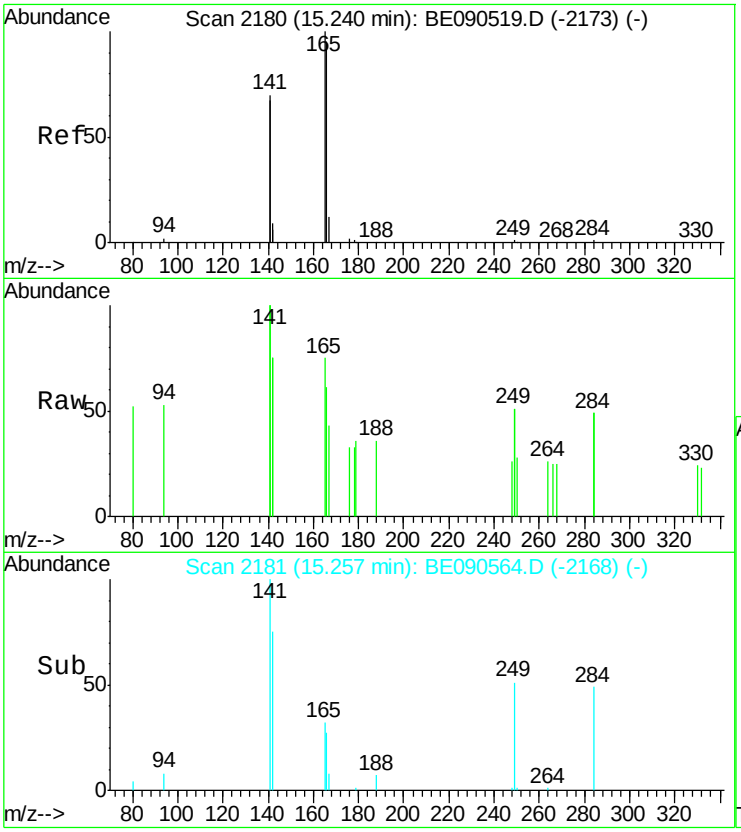


#16
Acenaphthene
Concen: 0.00 ng
RT: 14.25 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:154 Resp: 69

Ion	Ratio	Lower	Upper
154	100		
153	398.6	376.2	564.2
152	272.5	235.0	352.4



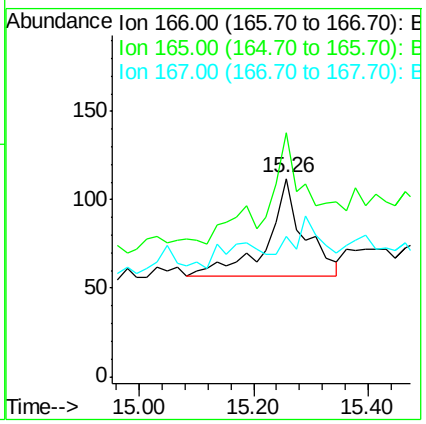


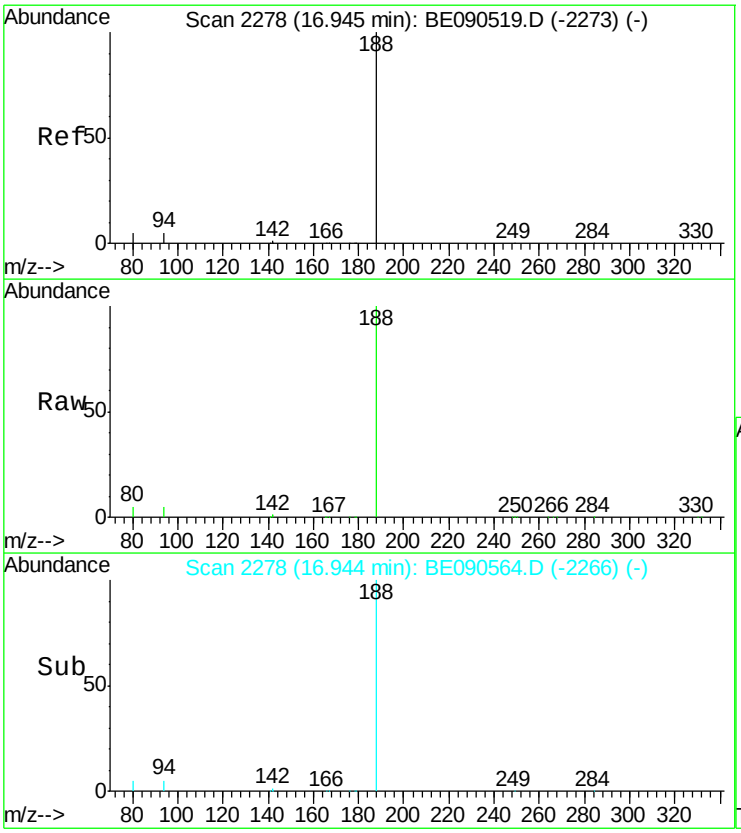
#17
Fluorene
Concen: 0.01 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:166 Resp: 245

Ion	Ratio	Lower	Upper
166	100		
165	67.3	81.5	122.3#
167	0.0	11.4	17.0#

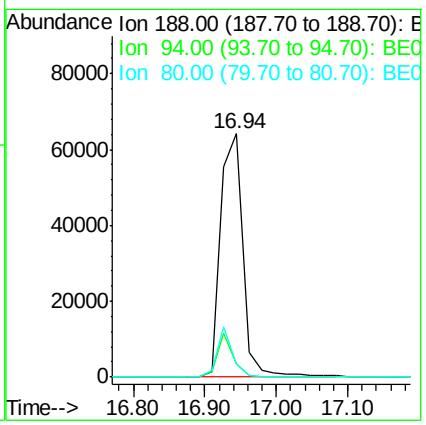


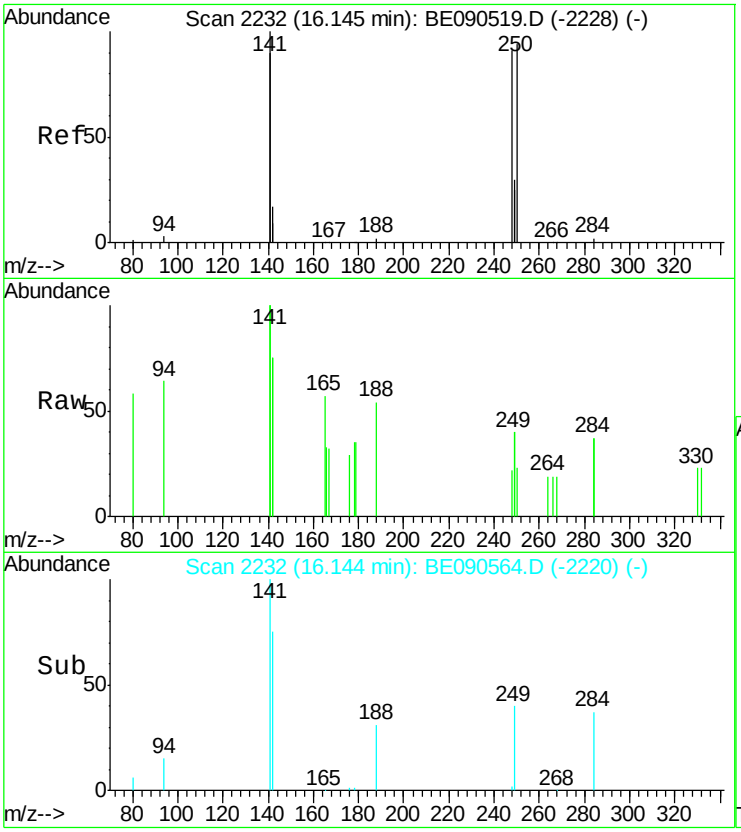


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:188 Resp: 138193

Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.7	8.5#
80	5.2	5.8	8.8#



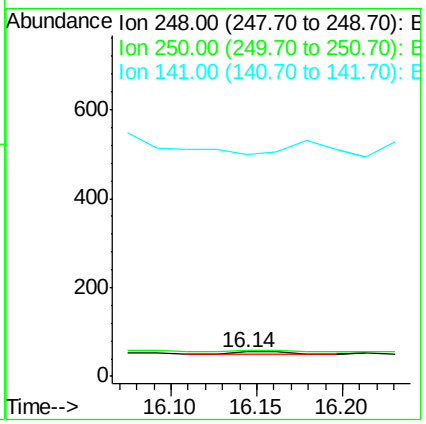


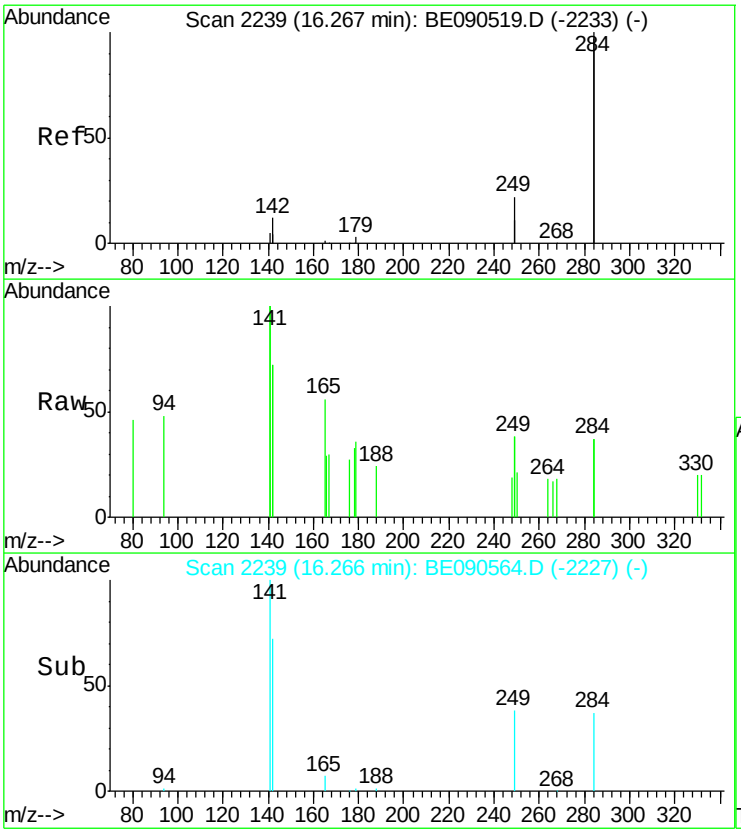
#19
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:248 Resp: 18

Ion	Ratio	Lower	Upper
248	100		
250	0.0	79.0	118.6#
141	0.0	239.5	359.3#

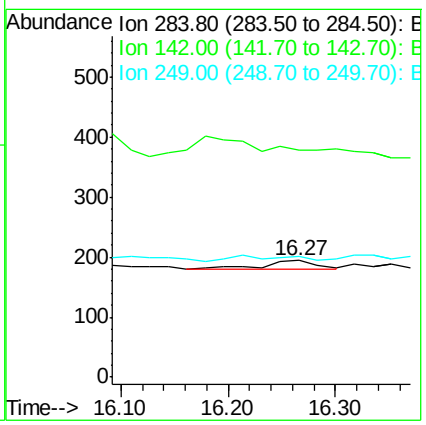


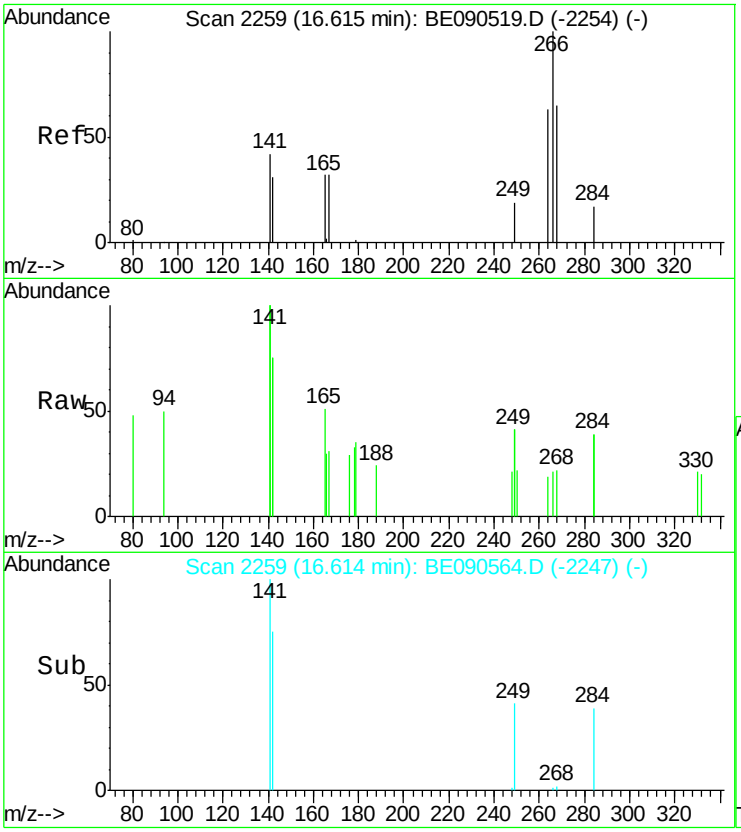


#20
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:284 Resp: 48

Ion	Ratio	Lower	Upper
284	100		
142	0.0	30.1	45.1#
249	0.0	25.7	38.5#



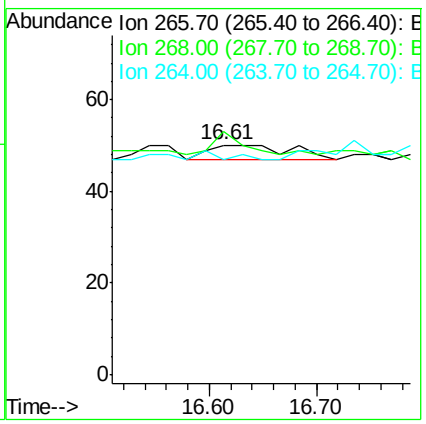


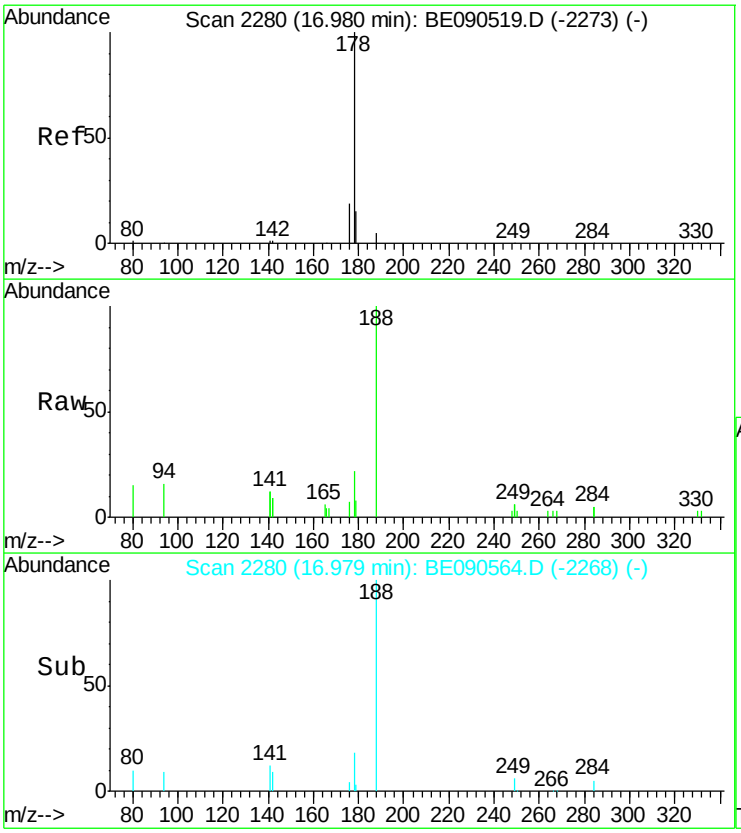
#21
Pentachlorophenol
Concen: 0.31 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:266 Resp: 17

Ion	Ratio	Lower	Upper
266	100		
268	106.0	58.5	87.7#
264	94.0	56.0	84.0#

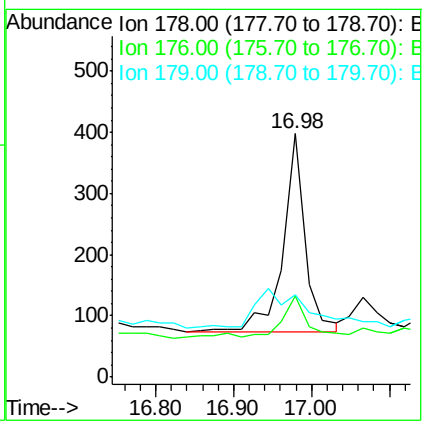


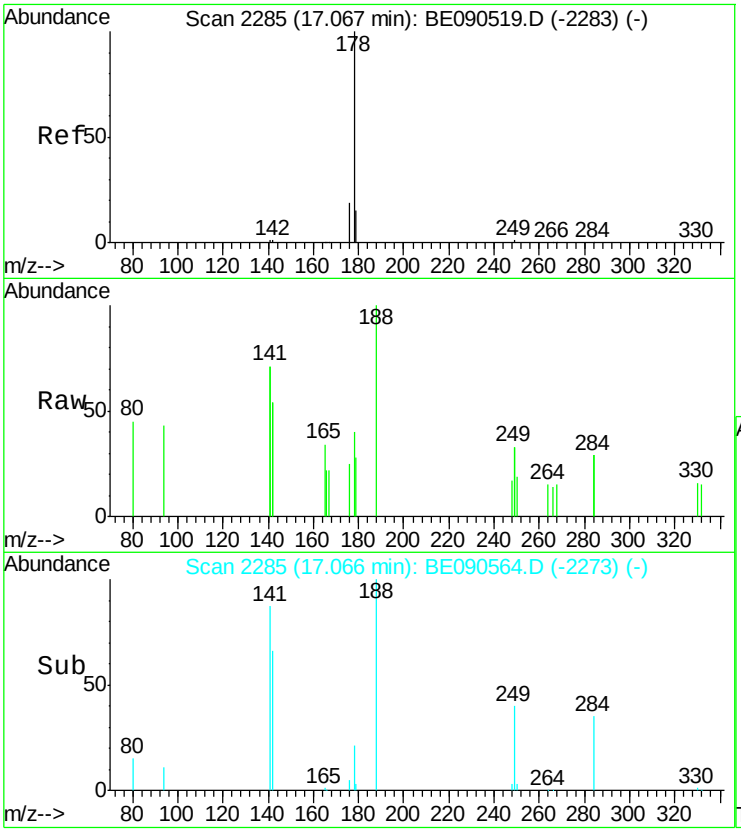


#22
Phenanthrene
Concen: 0.02 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:178 Resp: 638

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.4	23.2
179	0.0	12.5	18.7#



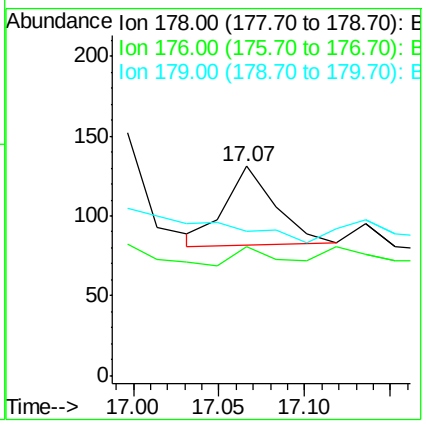


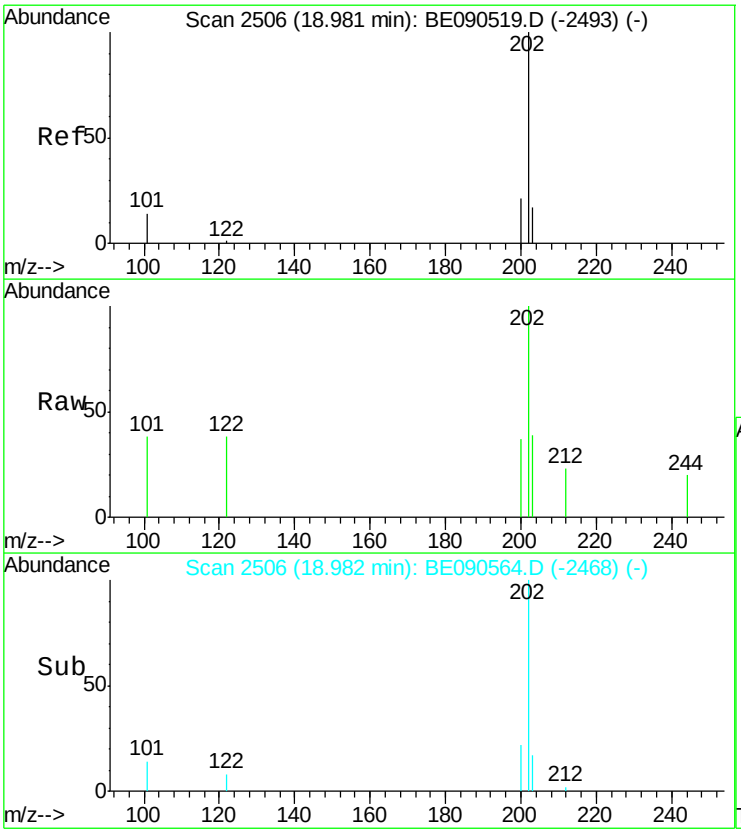
#23
Anthracene
Concen: 0.00 ng
RT: 17.07 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:178 Resp: 101

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.9	22.3
179	0.0	12.2	18.4#

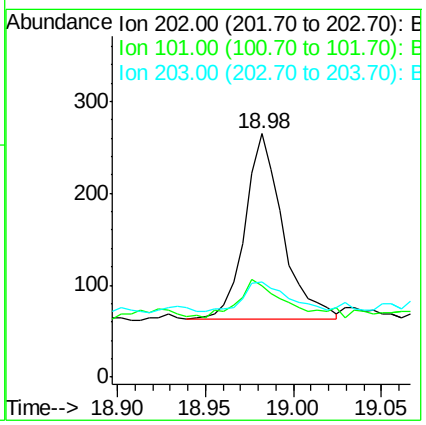


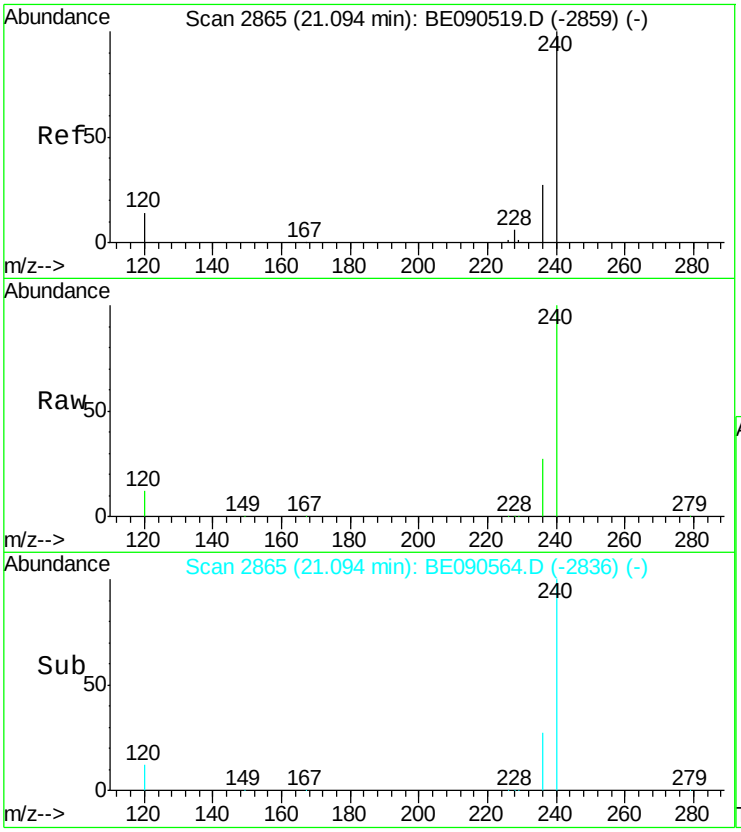


#24
Fluoranthene
Concen: 0.01 ng
RT: 18.98 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:202 Resp: 301

Ion	Ratio	Lower	Upper
202	100		
101	20.6	10.3	15.5#
203	18.9	13.7	20.5



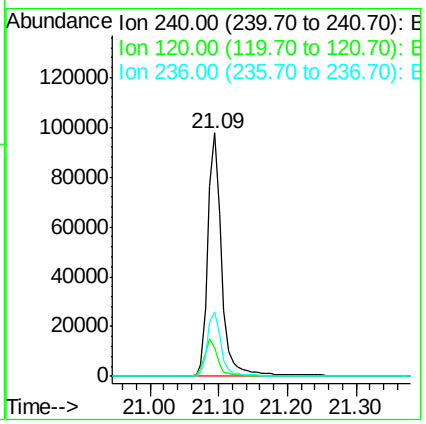


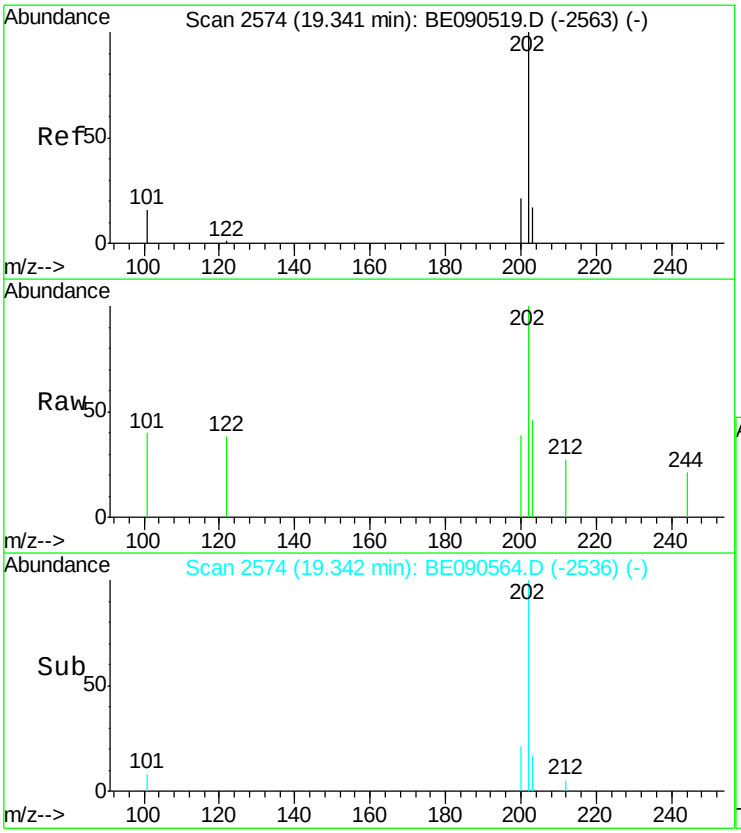
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:240 Resp: 136170

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	26.6	21.0	31.4

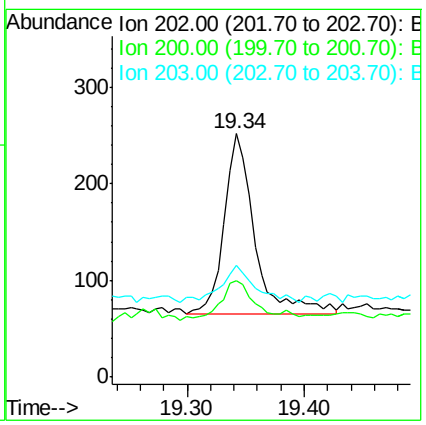


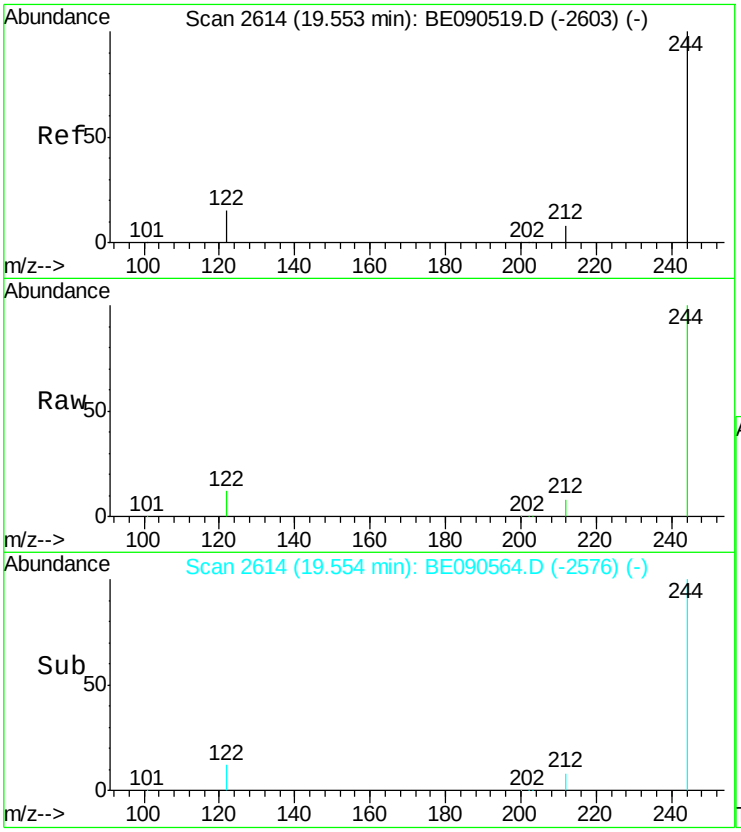


#26
Pyrene
Concen: 0.01 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:202 Resp: 337

Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.7	25.1
203	23.1	13.8	20.8#



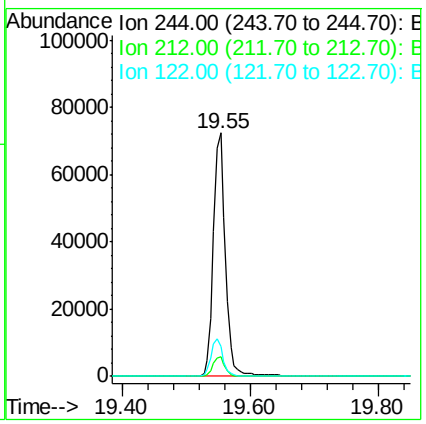


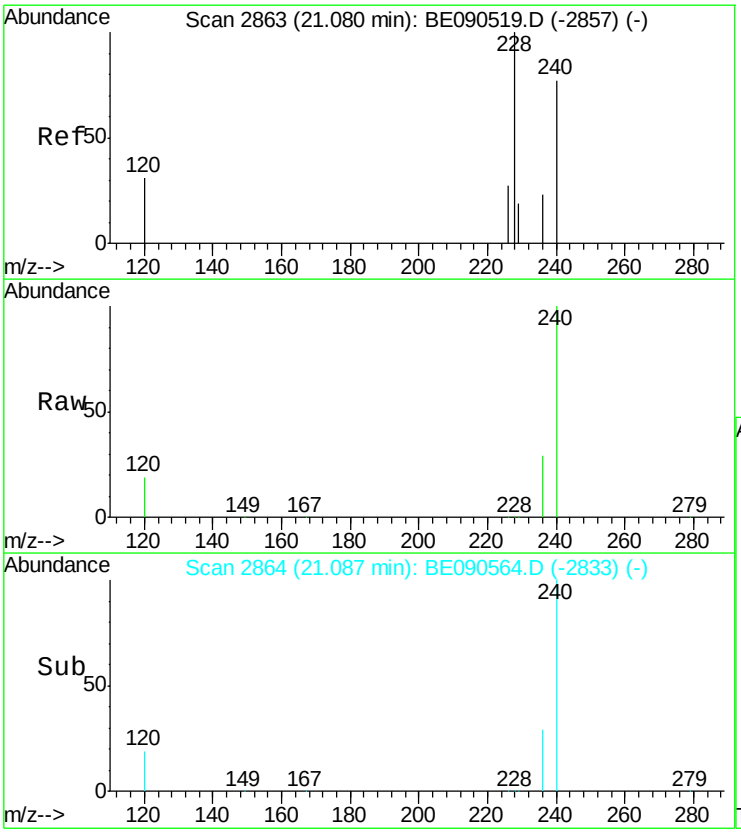
#27
Terphenyl-d14
Concen: 3.82 ng
RT: 19.55 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:244 Resp: 95067

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	12.0	10.2	15.4

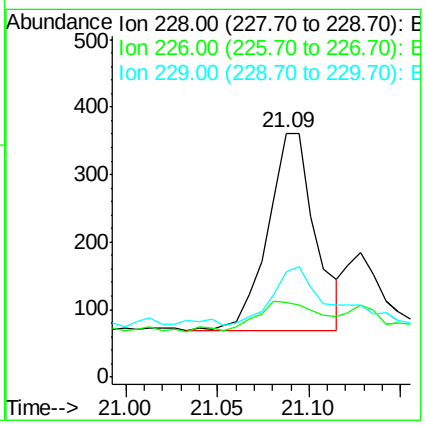


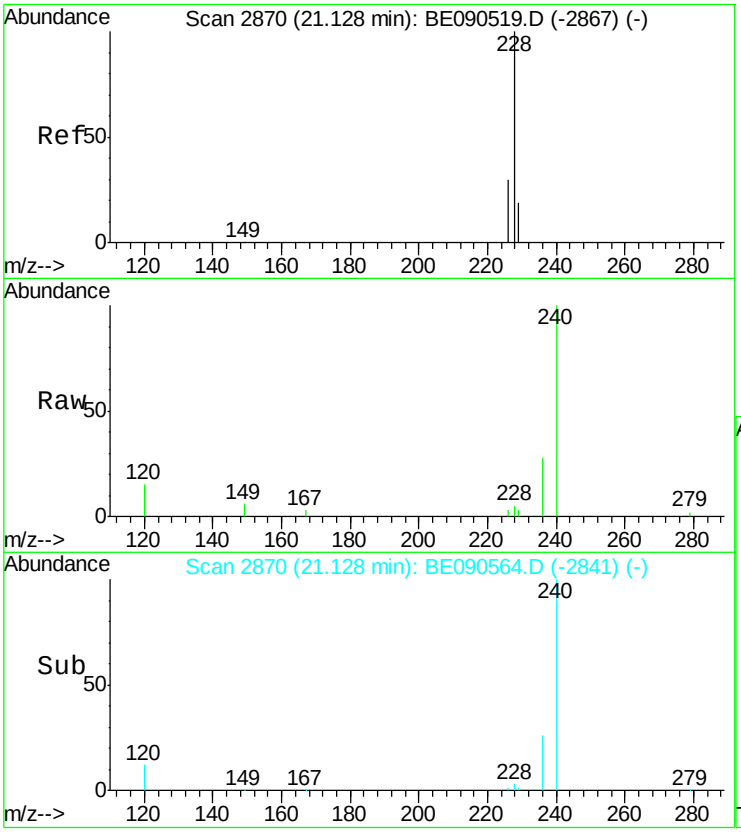


#28
Benzo(a)anthracene
Concen: 0.01 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:228 Resp: 531

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.9	32.9
229	43.2	15.4	23.0#



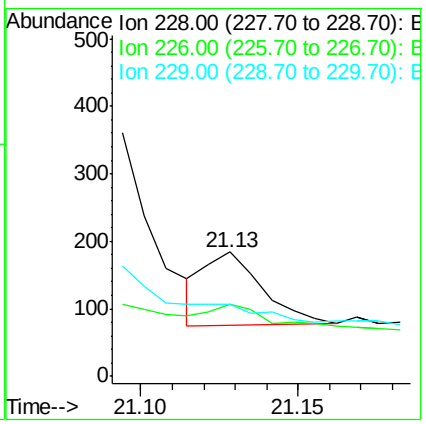


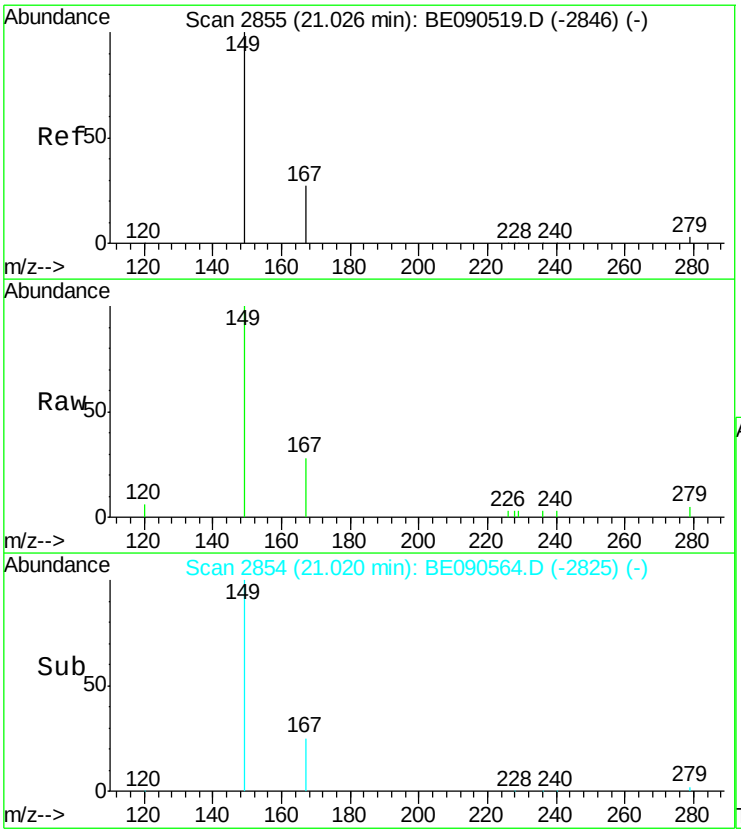
#29
Chrysene
Concen: 0.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:228 Resp: 138

Ion	Ratio	Lower	Upper
228	100		
226	58.2	23.1	34.7#
229	57.6	15.8	23.8#

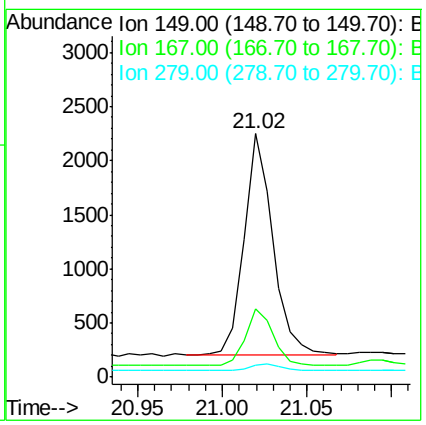


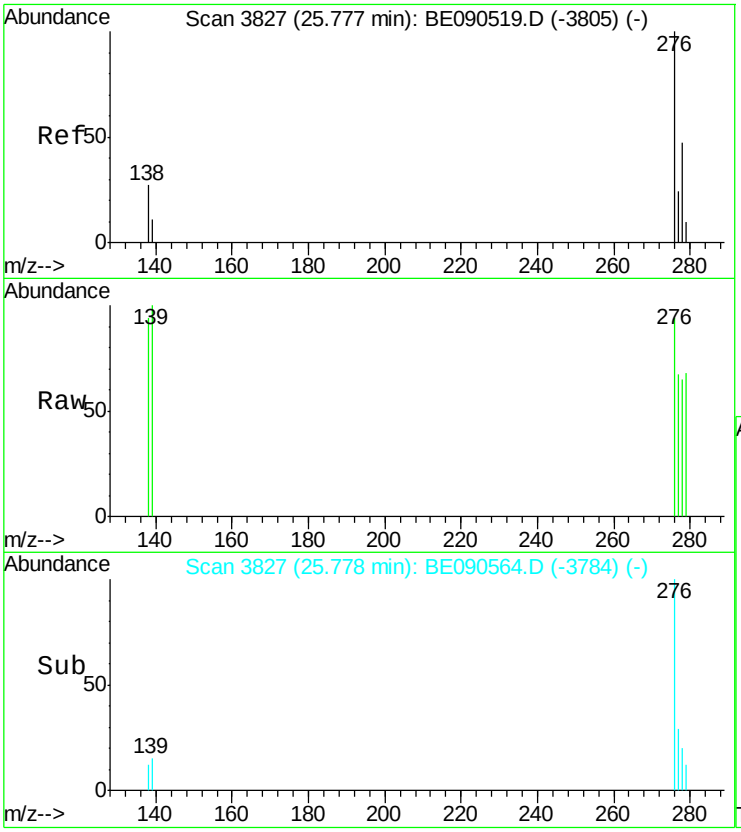


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.02 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:149 Resp: 2403

Ion	Ratio	Lower	Upper
149	100		
167	24.7	19.8	29.8
279	3.4	2.4	3.6



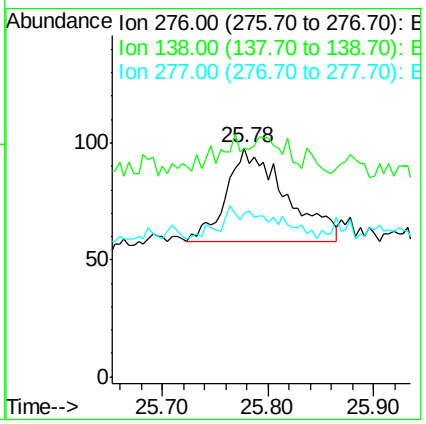


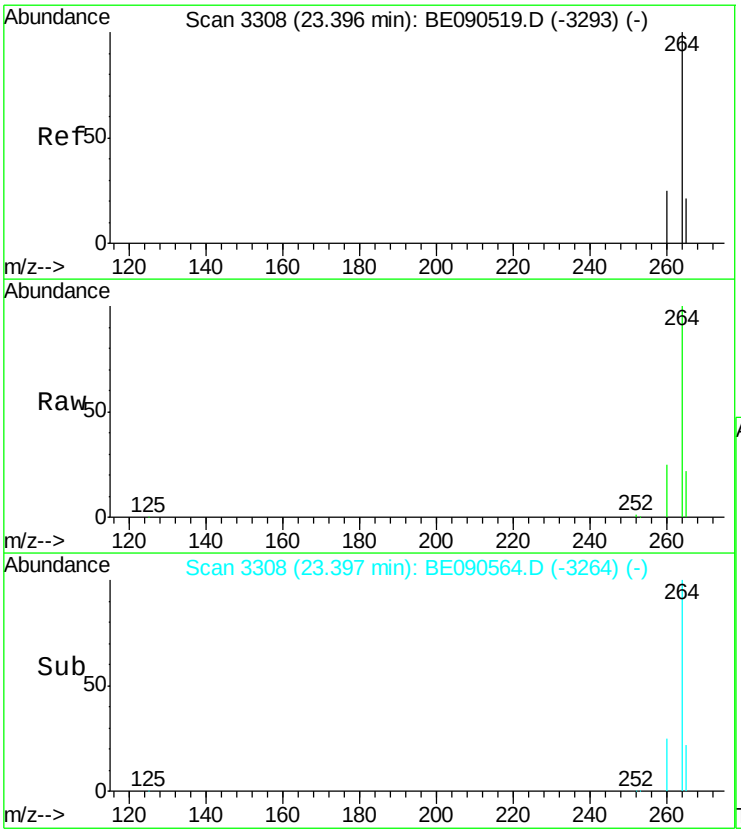
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:276 Resp: 154

Ion	Ratio	Lower	Upper
276	100		
138	1.9	18.8	28.2#
277	5.2	18.2	27.4#

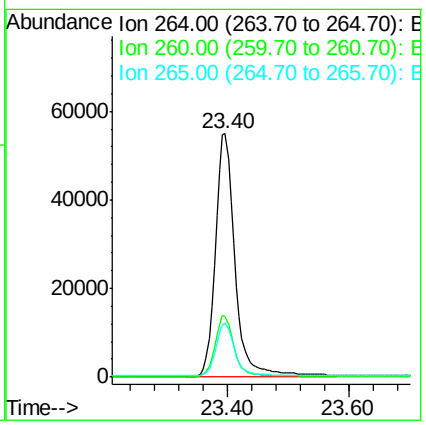


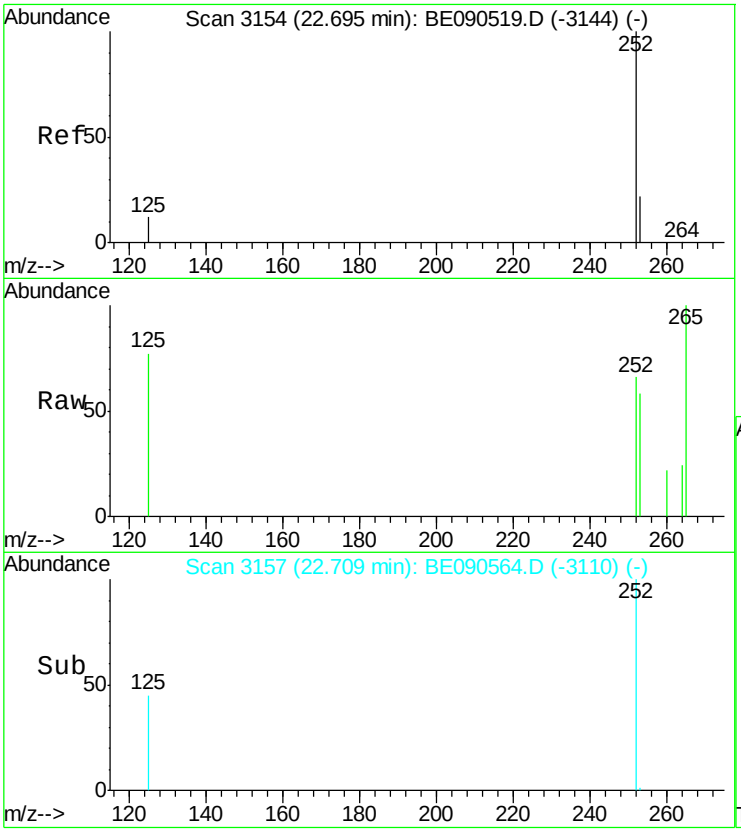


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:264 Resp: 124091

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.1	17.2	25.8



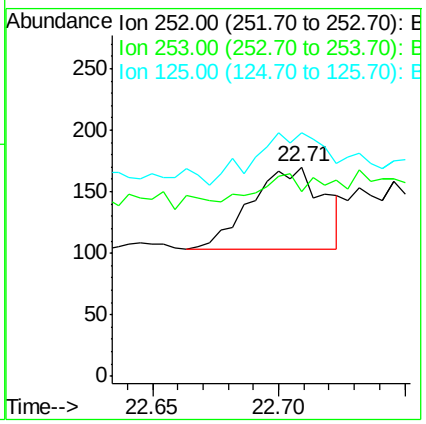


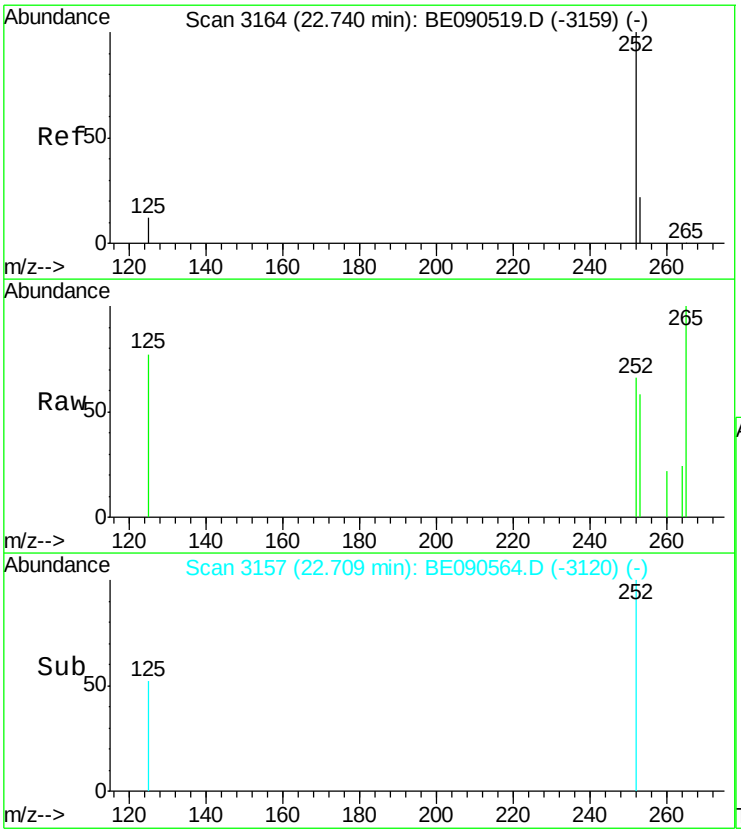
#33
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 22.71 min Scan# 3157
Delta R.T. 0.01 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:252 Resp: 135

Ion	Ratio	Lower	Upper
252	100		
253	88.2	18.1	27.1#
125	116.5	9.4	14.2#

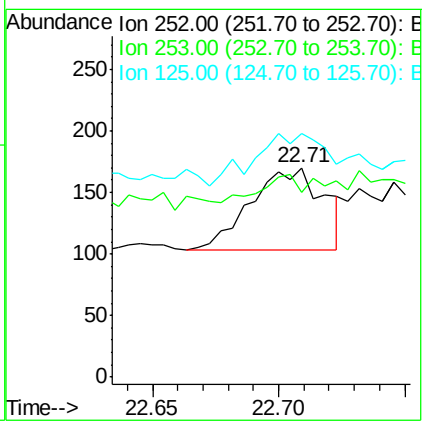


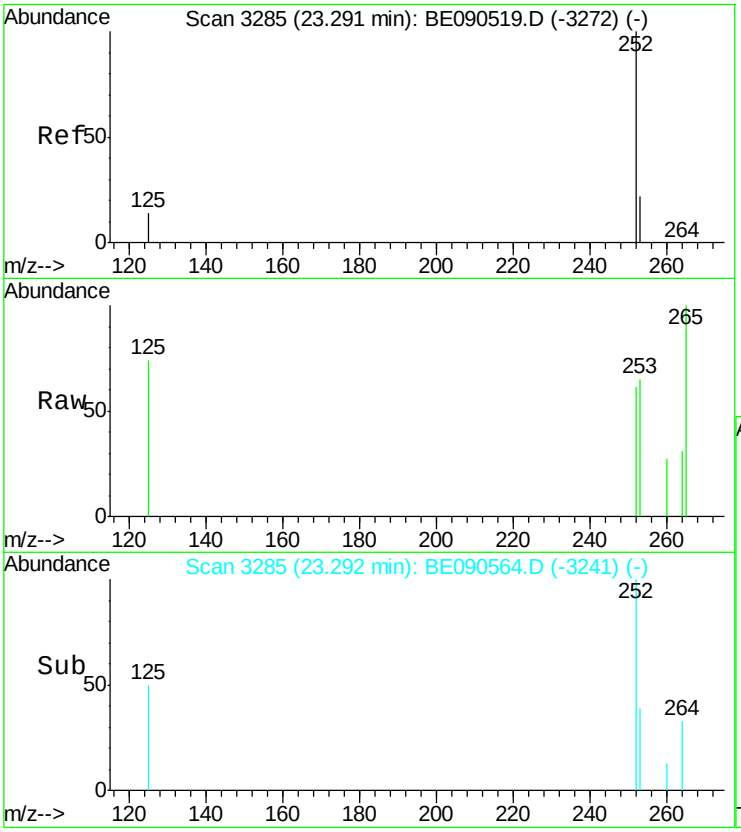


#34
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.71 min Scan# 3157
Delta R.T. -0.03 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:252 Resp: 135

Ion	Ratio	Lower	Upper
252	100		
253	88.2	18.1	27.1#
125	116.5	9.1	13.7#



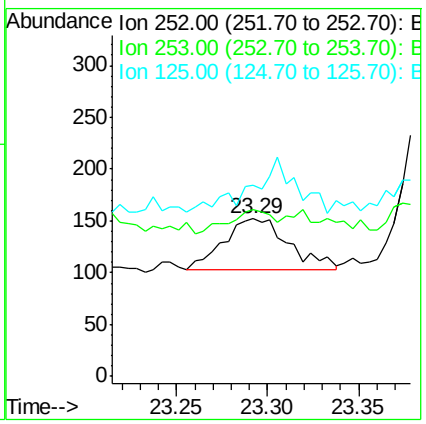


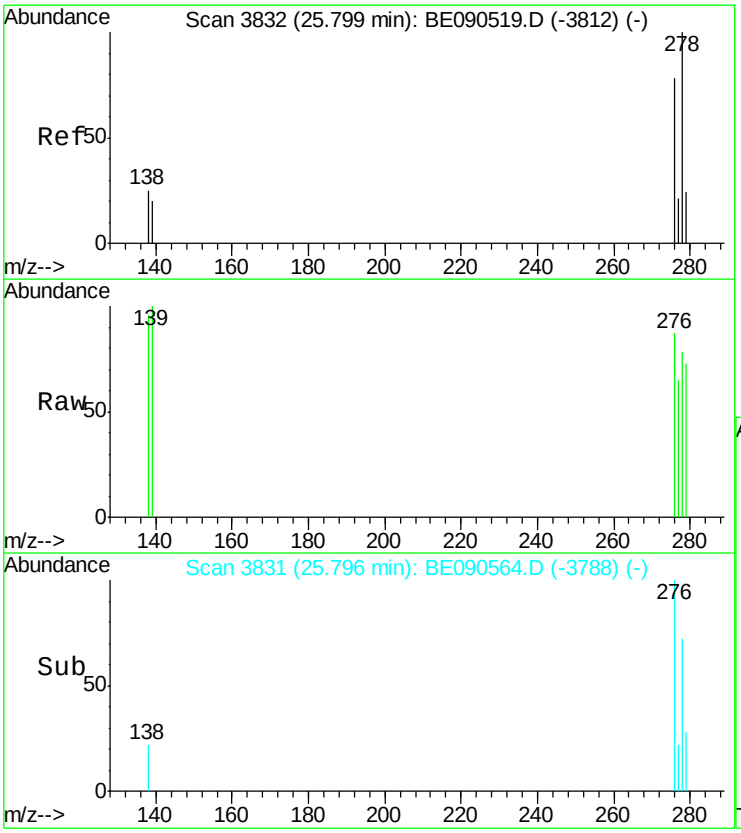
#35
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.29 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:252 Resp: 123

Ion	Ratio	Lower	Upper
252	100		
253	105.9	17.6	26.4#
125	121.1	9.8	14.6#

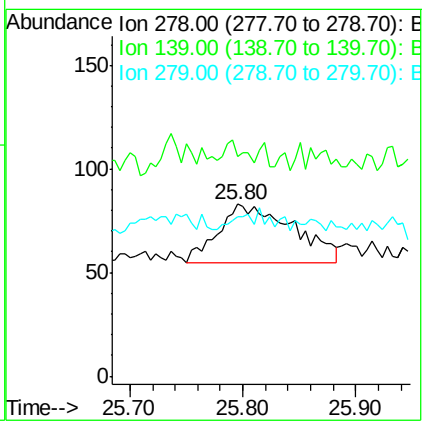


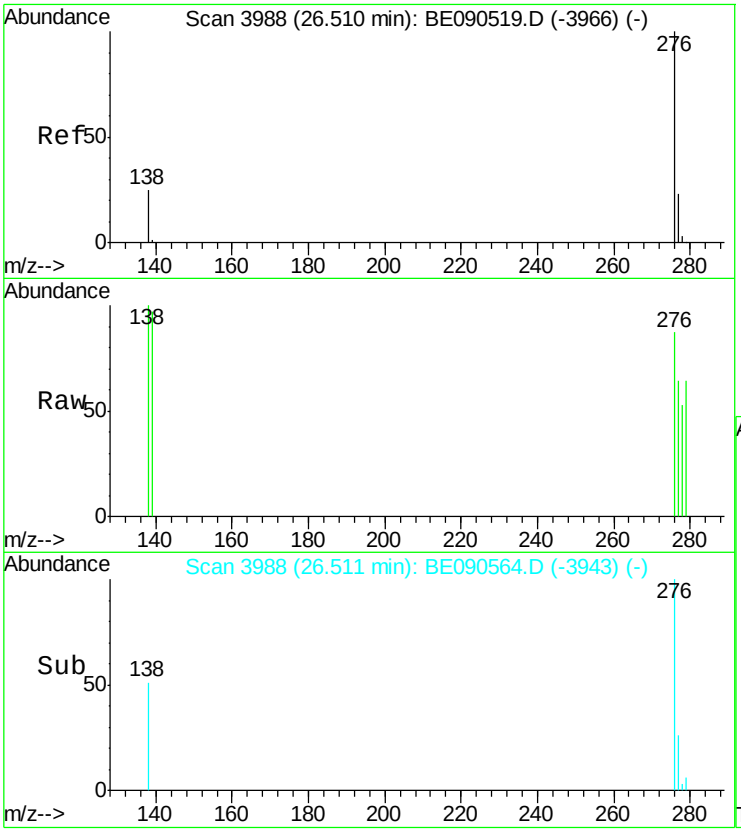


#36
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.00 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Tgt Ion:278 Resp: 127

Ion	Ratio	Lower	Upper
278	100		
139	127.7	14.2	21.4#
279	92.8	20.1	30.1#





#37
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.51 min Scan# 3988
Delta R.T. 0.01 min
Lab File: BE090564.D
Acq: 18 Aug 2015 21:17

Instrument :
BNA_E
ClientSampleId :
081715-D534-F-D-S

Tgt Ion:276 Resp: 134

Ion	Ratio	Lower	Upper
276	100		
277	74.2	20.1	30.1#
138	115.1	18.1	27.1#