Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090519.D
Acq On : 14 Aug 2015 14:17
Operator : UM/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC001

Quant Time: Aug 14 15:27:59 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 15:17:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21466	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	106544	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	57432	5.00	ng		0.00
18) Phenanthrene-d10	16.95	188	127859	5.00	ng		0.00
25) Chrysene-d12	21.09	240	126936	5.00	ng		0.00
32) Perylene-d12	23.40	264	113728	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	6242	0.95	ng		0.00
5) Phenol-d6	6.78	99	8755	0.94	ng		0.00
7) Nitrobenzene-d5	8.72	82	8077	0.96	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	2003	0.93	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	17120	0.95	ng		0.00
27) Terphenyl-d14	19.55	244	22873	0.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	2987	0.97	ng		94
3) n-Nitrosodimethylamine	3.49	42	3650	0.95	ng	#	72
8) Nitrobenzene	8.76	77	8241	0.95	ng		96
9) Naphthalene	10.39	128	24048	0.93	ng		98
10) Hexachlorobutadiene	10.68	225	3554	0.94	ng		99
11) 2-Methylnaphthalene	12.01	142	15406	0.93	ng		98
15) Acenaphthylene	13.91	152	102949	0.94	ng		99
16) Acenaphthene	14.26	154	15571	0.94	ng	#	80
17) Fluorene	15.24	166	19238	0.94	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	5080	0.92	ng		79
20) Hexachlorobenzene	16.27	284	23054	0.93	ng		95
21) Pentachlorophenol	16.61	266	1520	0.89	ng		95
22) Phenanthrene	16.98	178	32931	0.92	ng		99
23) Anthracene	17.07	178	29845	0.93	ng		100
24) Fluoranthene	18.98	202	34767	0.93	ng		99
26) Pyrene	19.34	202	35477	0.93	ng		99
28) Benzo(a)anthracene	21.08	228	31780	0.90	ng		99
29) Chrysene	21.13	228	33840	0.93	ng		98
30) Bis(2-ethylhexyl)phthalate	21.03	149	15138	0.84	ng		98
31) Indeno(1,2,3-cd)pyrene	25.78	276	29700	0.91	ng		93
33) Benzo(b)fluoranthene	22.69	252	26260	0.93	ng		98
34) Benzo(k)fluoranthene	22.74	252	30784	0.96	ng		98
35) Benzo(a)pyrene	23.29	252	24414	0.95	ng	#	96
36) Dibenzo(a,h)anthracene	25.80	278	23071	0.94	ng		96
37) Benzo(g,h,i)perylene	26.51	276	26154	0.96	ng		95

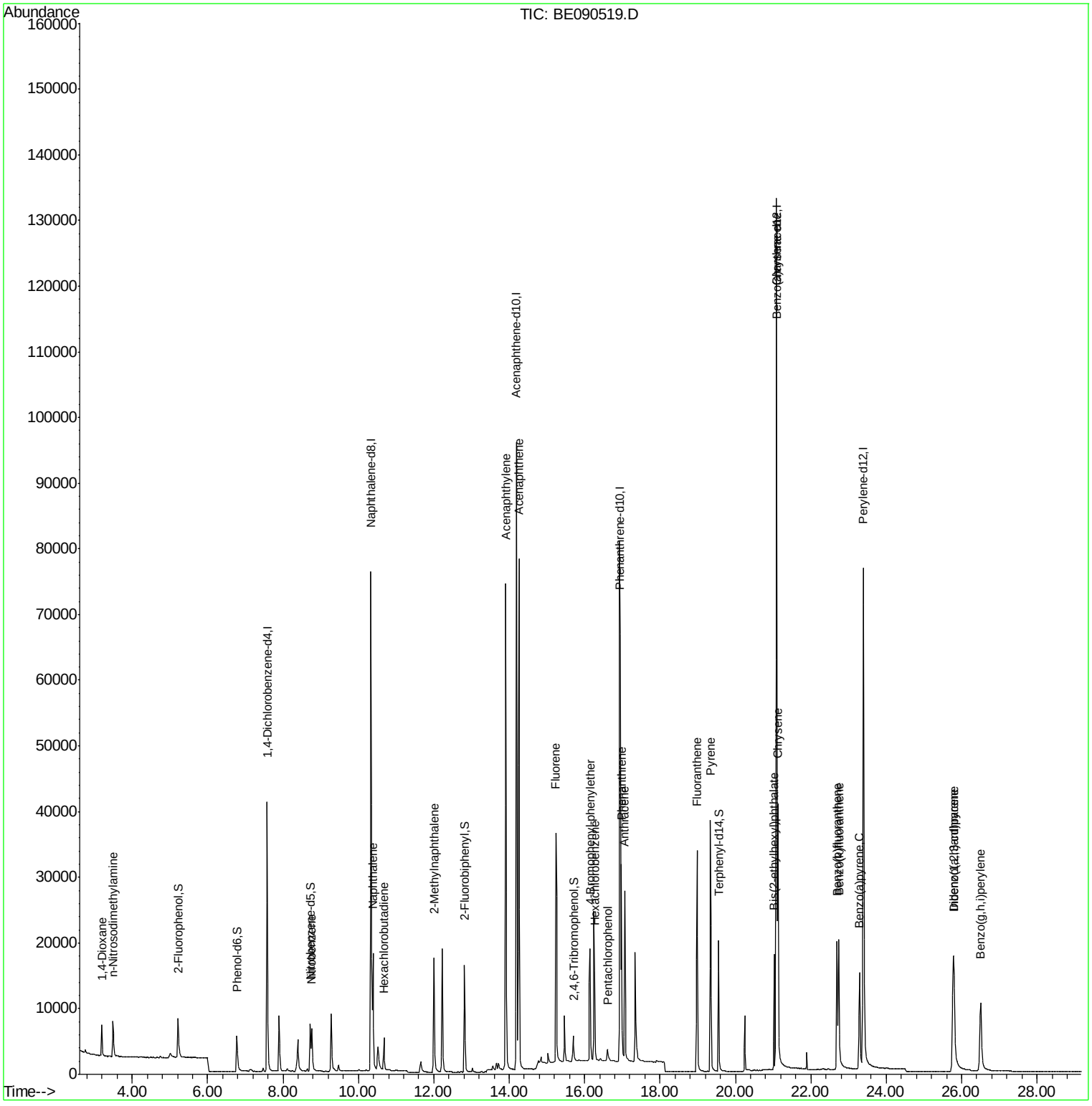
(#) = qualifier out of range (m) = manual integration (+) = signals summed

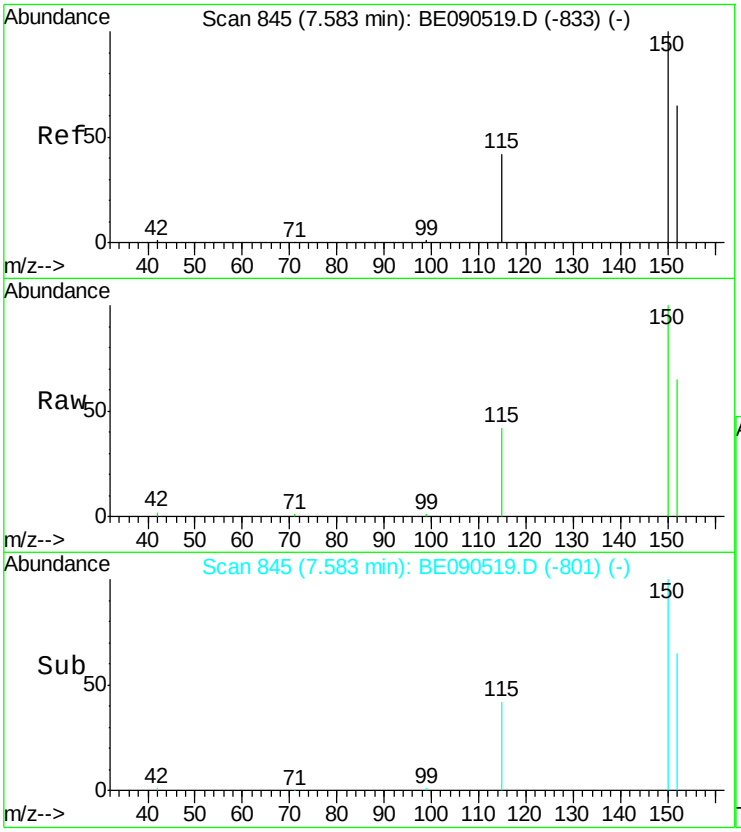
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090519.D
Acq On : 14 Aug 2015 14:17
Operator : UM/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Quant Time: Aug 14 15:27:59 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 15:17:14 2015
Response via : Initial Calibration



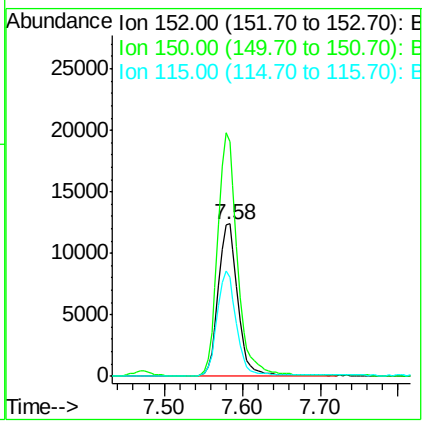


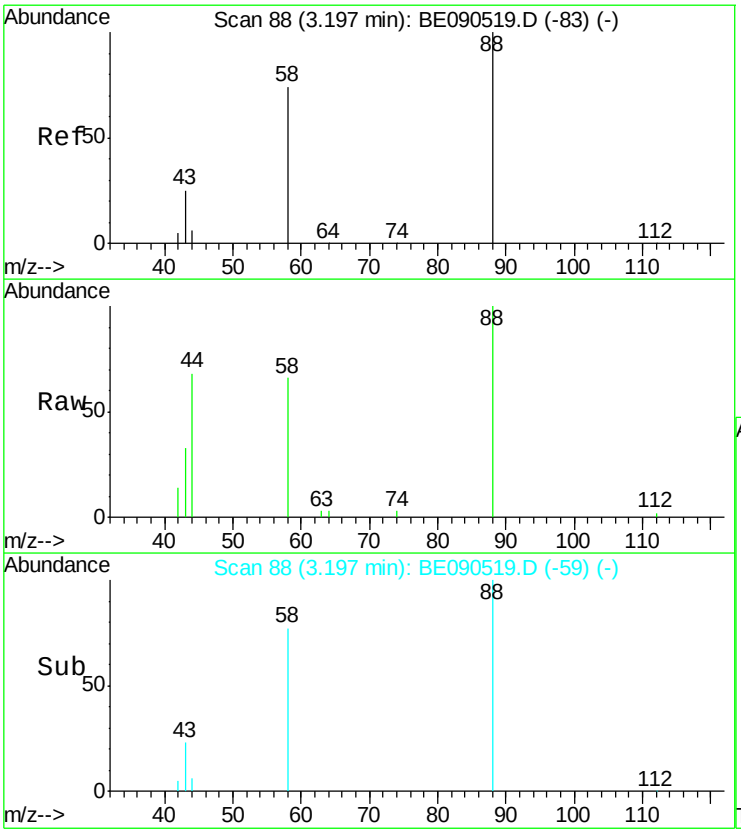
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 21466

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.0	184.4
115	64.7	48.9	73.3

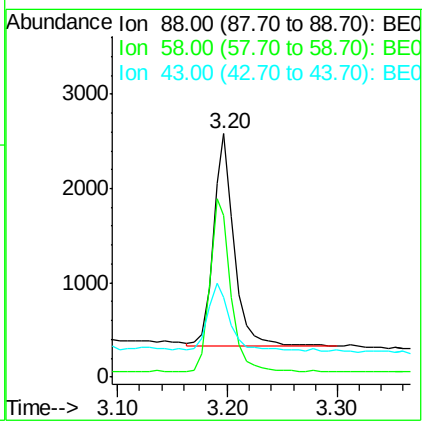


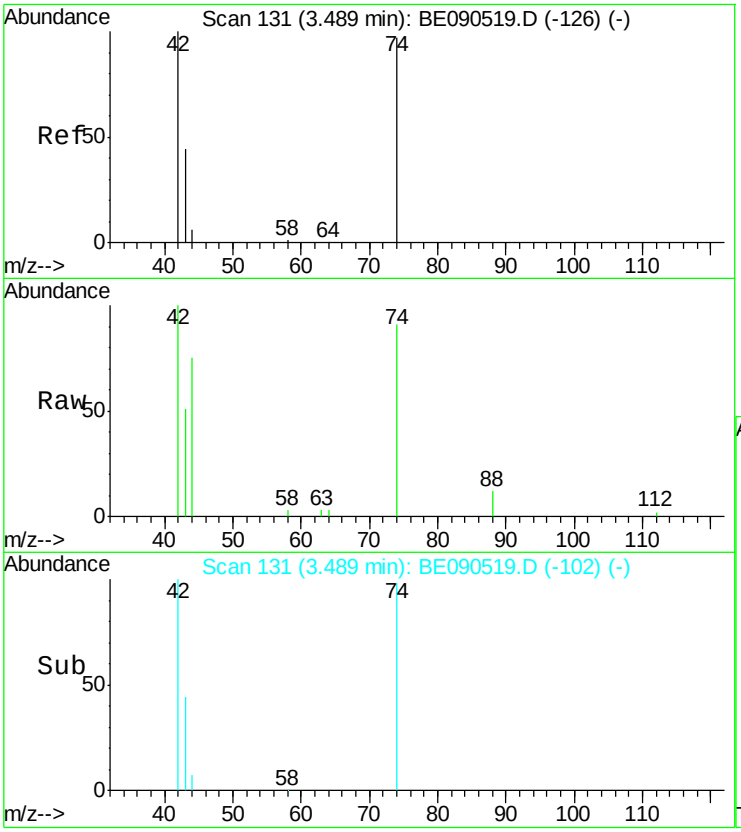


#2
1,4-Dioxane
Concen: 0.97 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion: 88 Resp: 2987

Ion	Ratio	Lower	Upper
88	100		
58	81.7	70.0	105.0
43	32.4	28.4	42.6



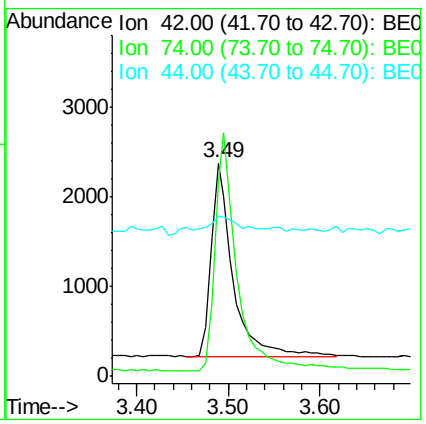


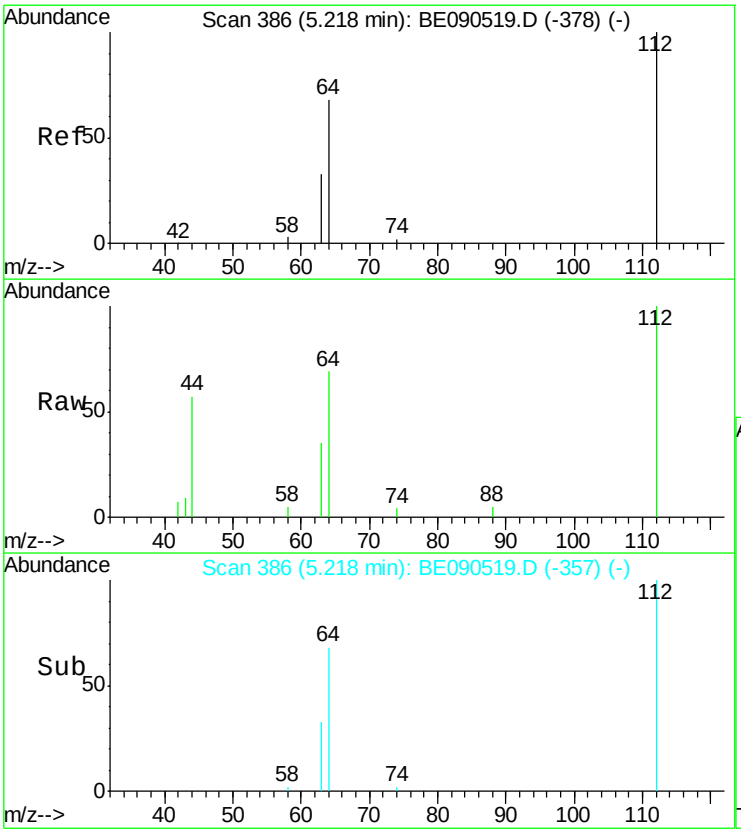
#3
n-Nitrosodimethylamine
Concen: 0.95 ng
RT: 3.49 min Scan# 131
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion: 42 Resp: 3650

Ion	Ratio	Lower	Upper
42	100		
74	123.8	75.2	112.8#
44	8.2	8.7	13.1#

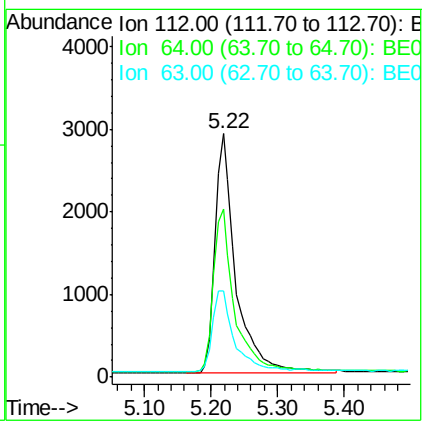


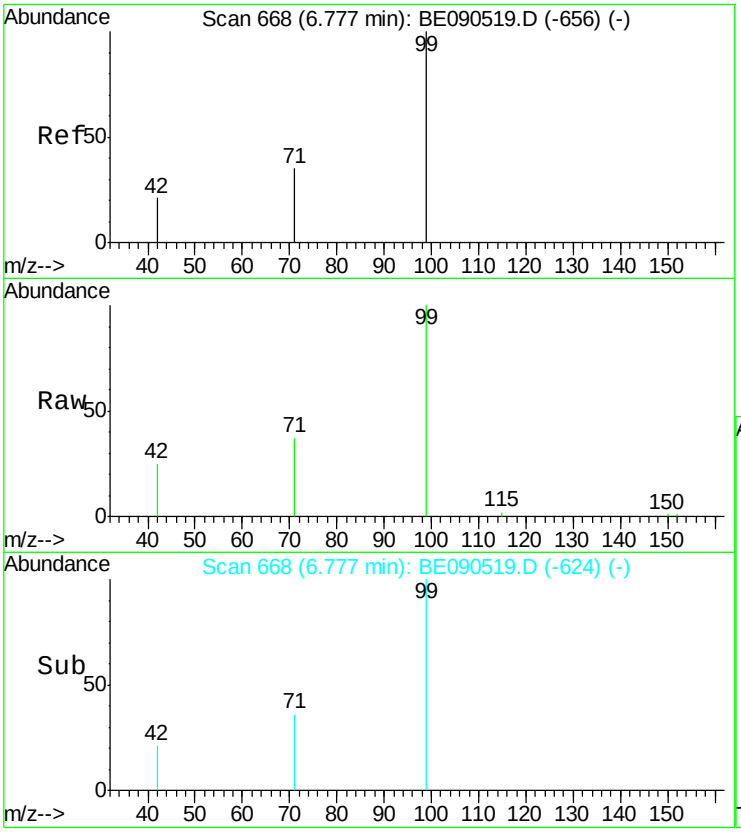


#4
2-Fluorophenol
Concen: 0.95 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:112 Resp: 6242

Ion	Ratio	Lower	Upper
112	100		
64	68.3	37.1	55.7#
63	35.5	19.5	29.3#



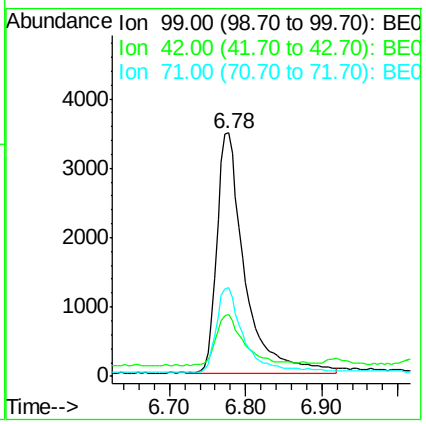


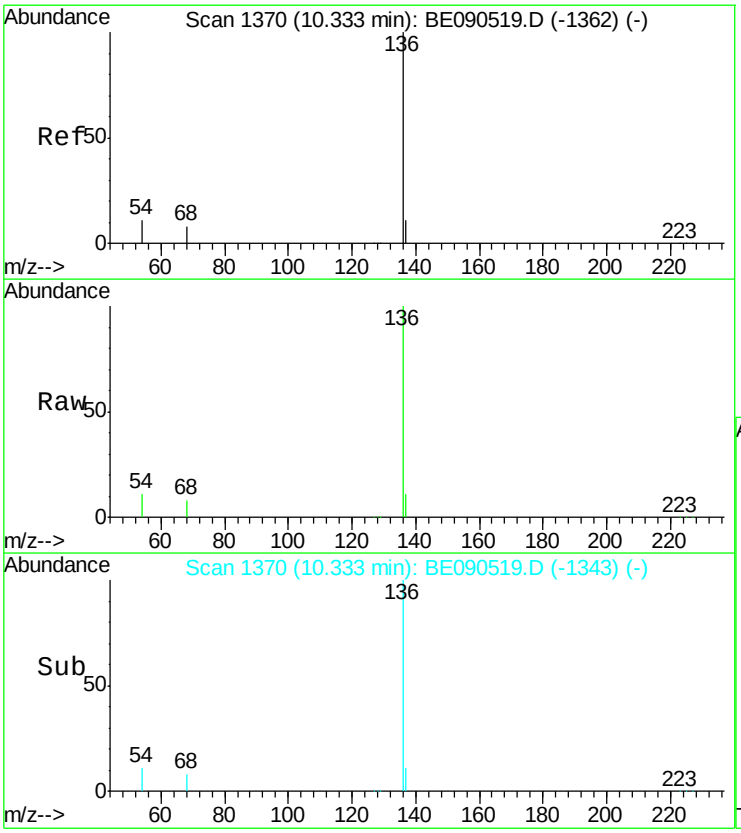
#5
Phenol-d6
Concen: 0.94 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion: 99 Resp: 8755

Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.2	27.4
71	34.4	27.4	41.0

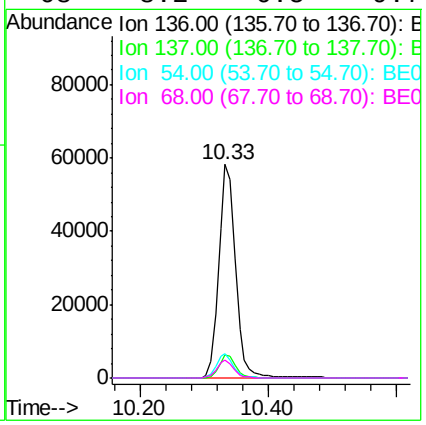


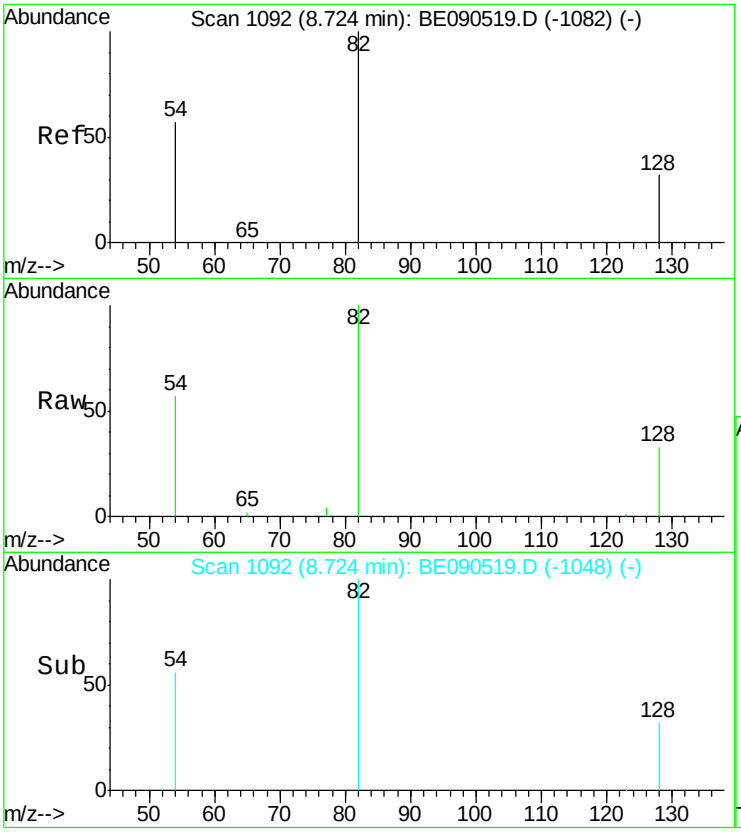


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:136 Resp: 106544

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.5	9.4	14.0
68	8.2	6.5	9.7



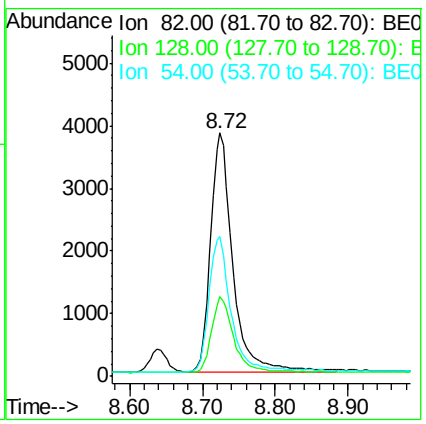


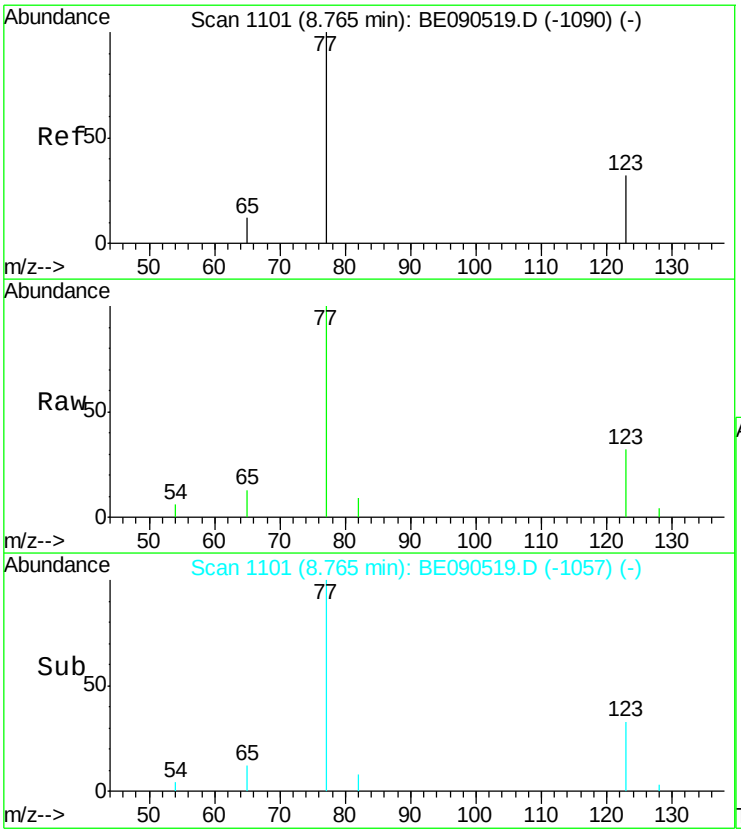
#7
Nitrobenzene-d5
Concen: 0.96 ng
RT: 8.72 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion: 82 Resp: 8077

Ion	Ratio	Lower	Upper
82	100		
128	32.6	25.0	37.6
54	57.4	48.8	73.2

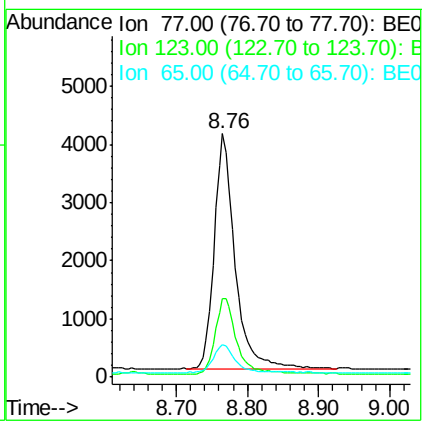


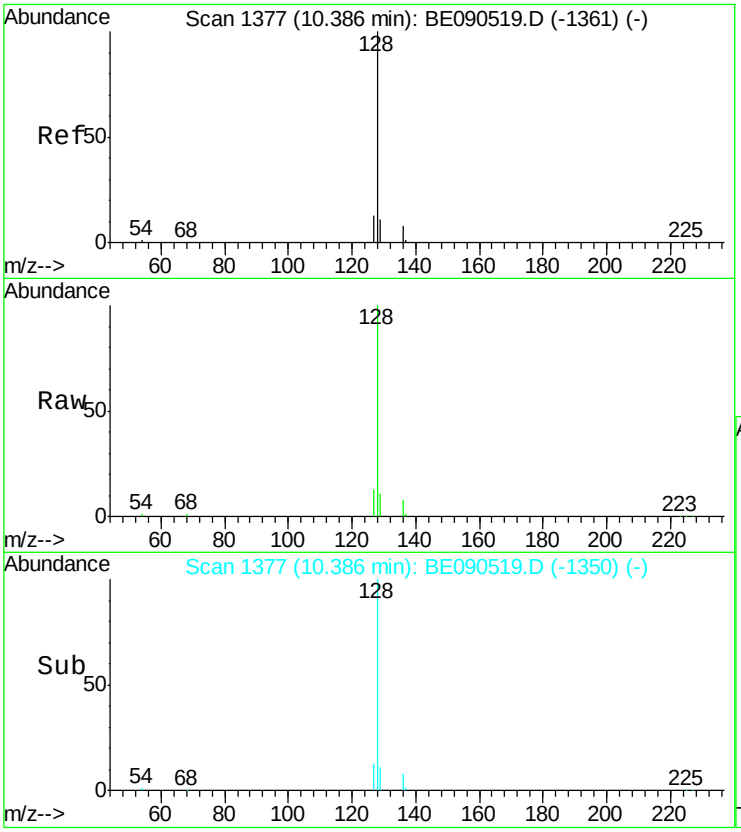


#8
Nitrobenzene
Concen: 0.95 ng
RT: 8.76 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion: 77 Resp: 8241

Ion	Ratio	Lower	Upper
77	100		
123	33.9	25.1	37.7
65	12.9	9.3	13.9



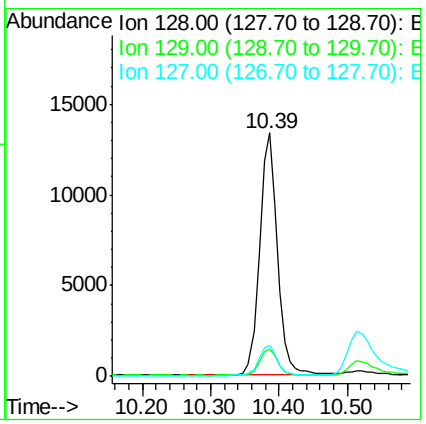


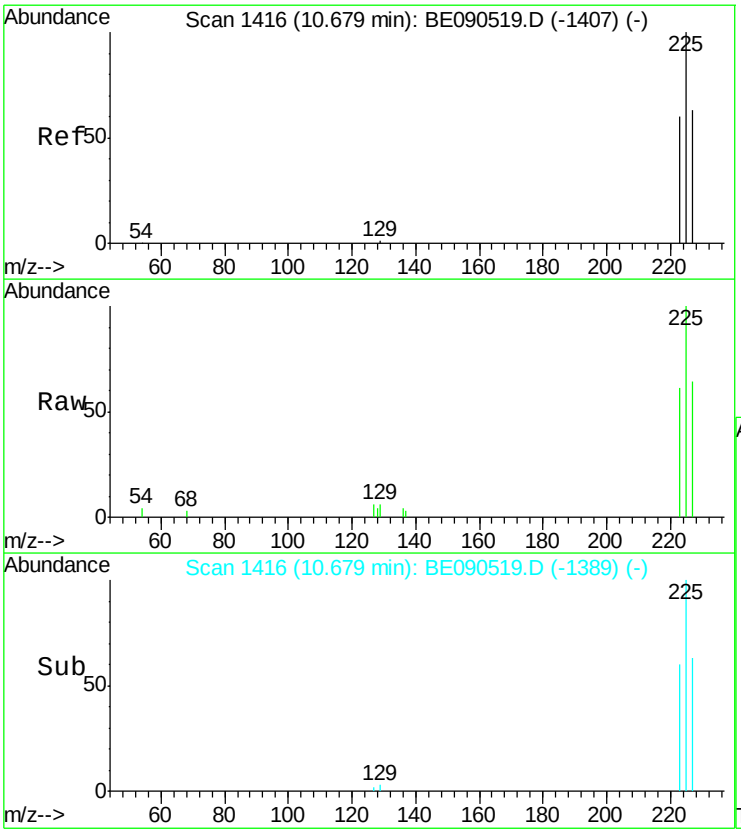
#9
Naphthalene
Concen: 0.93 ng
RT: 10.39 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:128 Resp: 24048

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	12.9	10.6	16.0

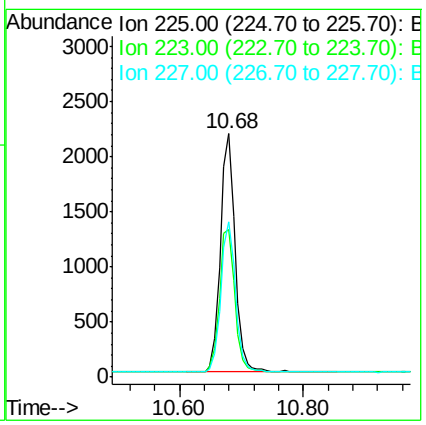


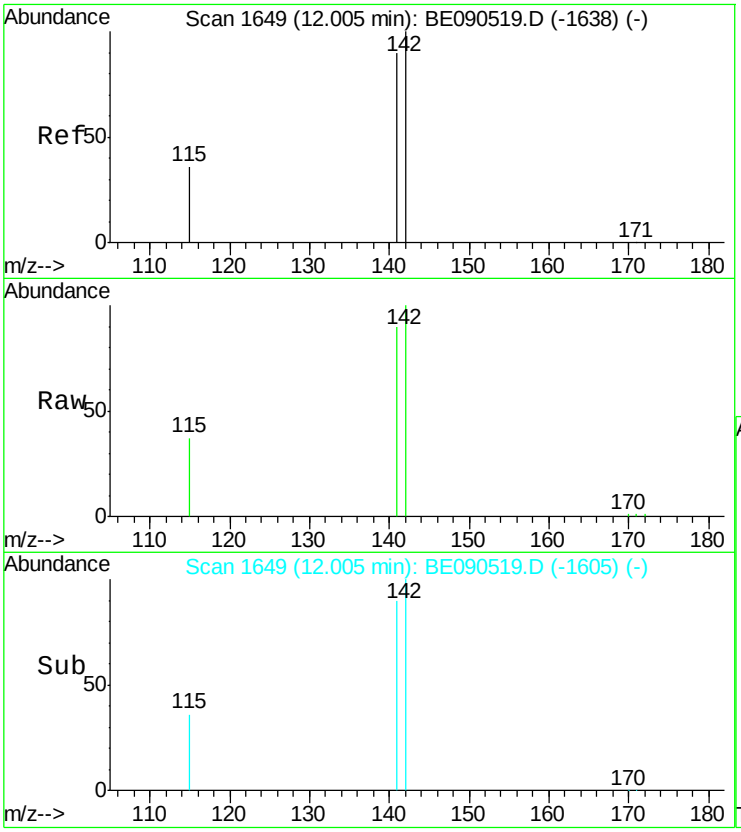


#10
Hexachlorobutadiene
Concen: 0.94 ng
RT: 10.68 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:225 Resp: 3554

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	75.8
227	63.3	50.7	76.1



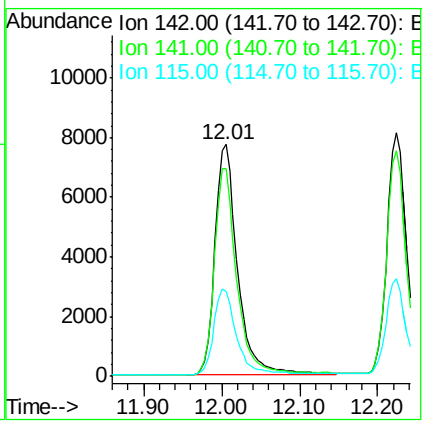


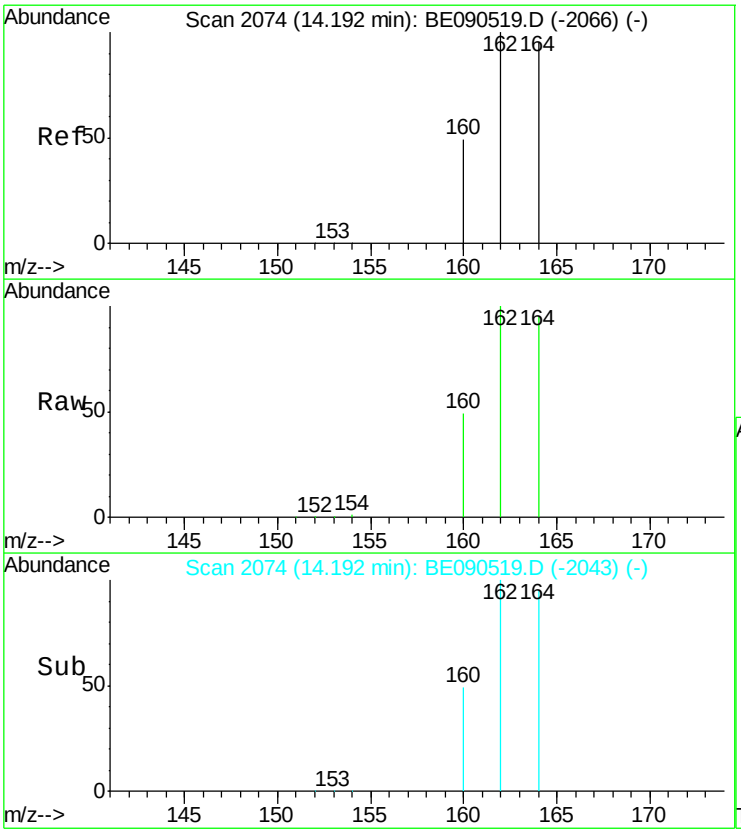
#11
2-Methylnaphthalene
Concen: 0.93 ng
RT: 12.01 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:142 Resp: 15406

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	109.0
115	36.5	31.6	47.4

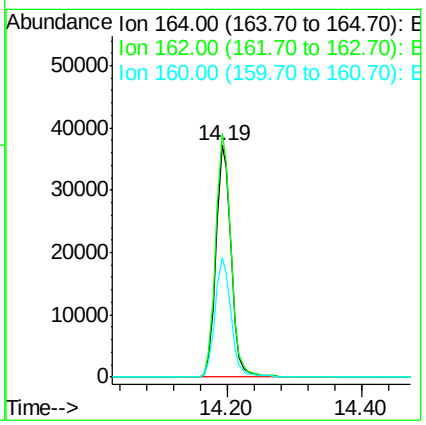


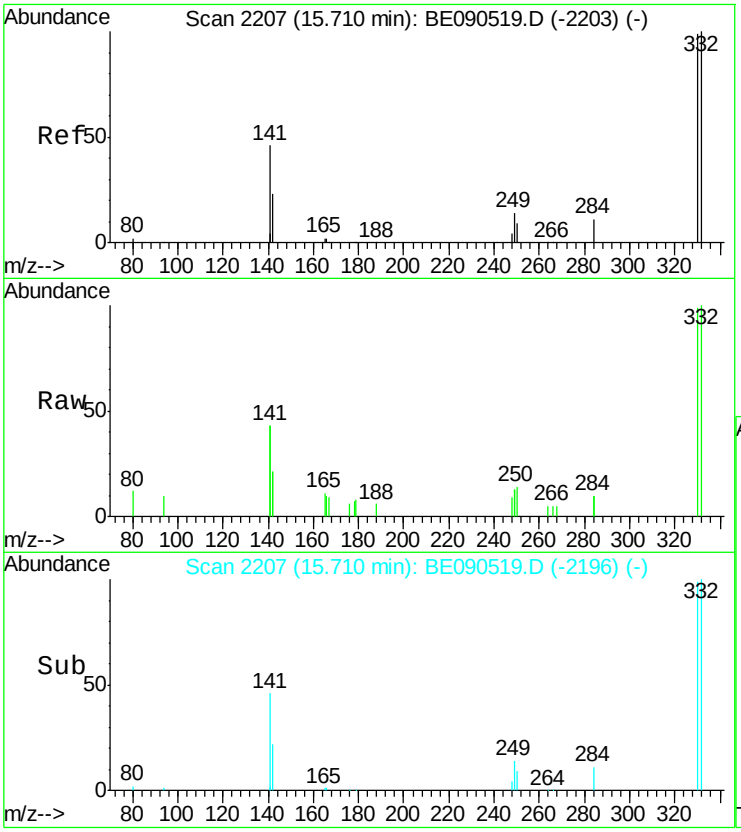


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:164 Resp: 57432

Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.8	122.8
160	51.6	44.2	66.4



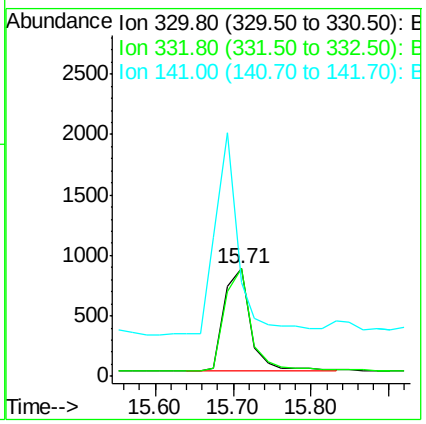


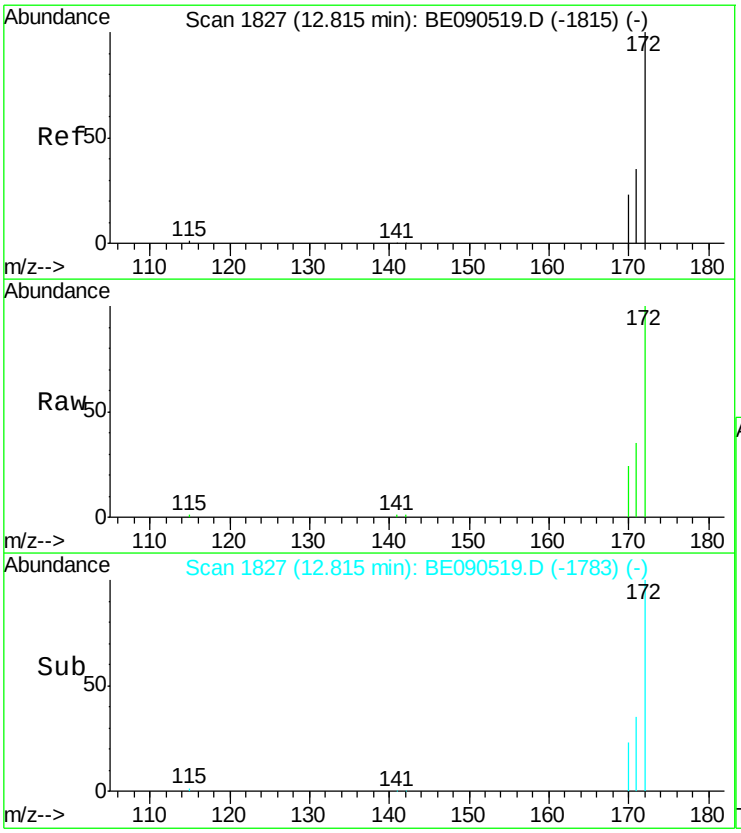
#13
2,4,6-Tribromophenol
Concen: 0.93 ng
RT: 15.71 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:330 Resp: 2003

Ion	Ratio	Lower	Upper
330	100		
332	100.6	75.8	113.6
141	176.9	114.4	171.6#

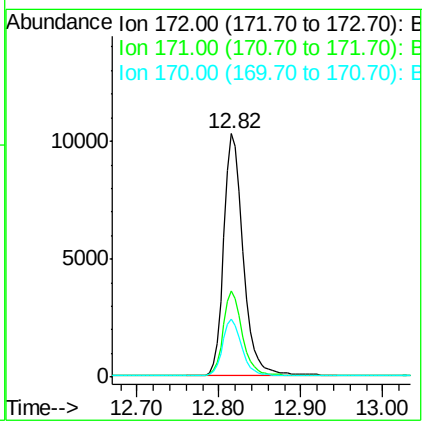


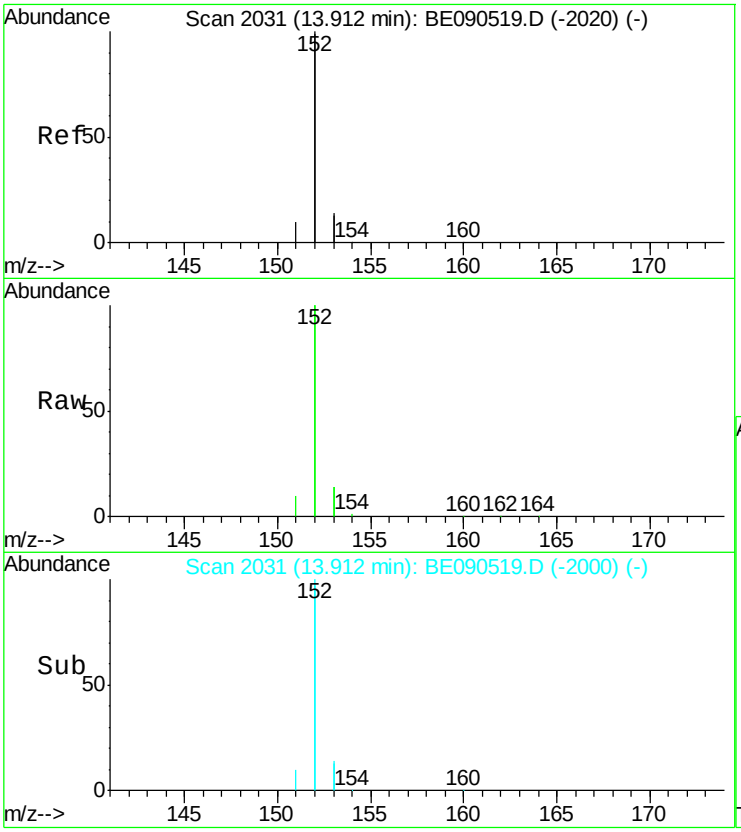


#14
2-Fluorobiphenyl
Concen: 0.95 ng
RT: 12.82 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:172 Resp: 17120

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.8	19.8	29.8



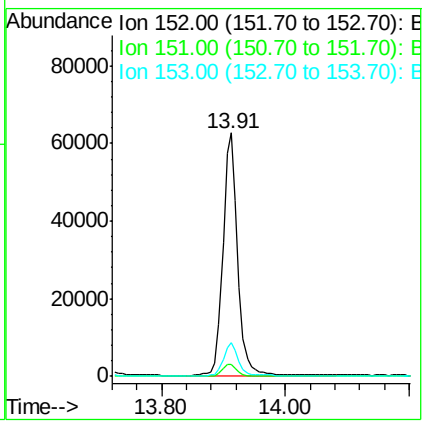


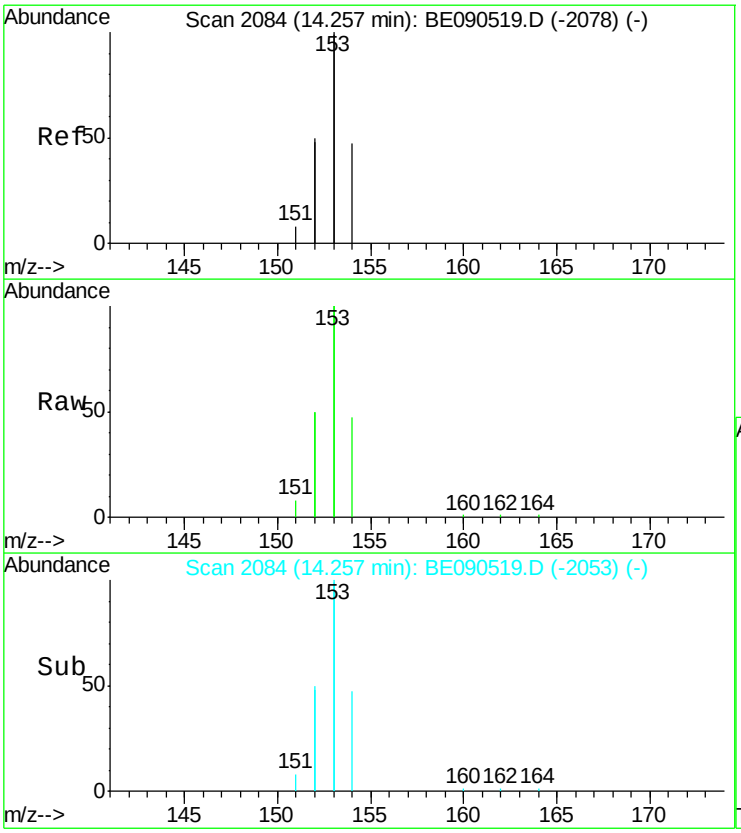
#15
Acenaphthylene
Concen: 0.94 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 102949

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.2	10.3	15.5

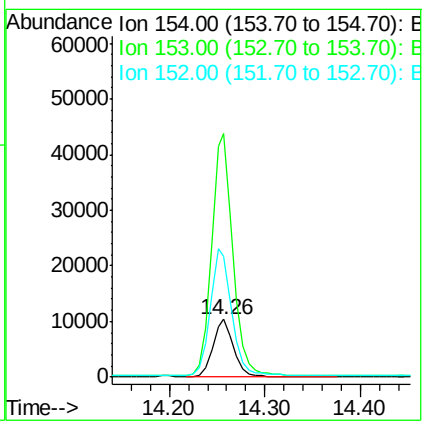


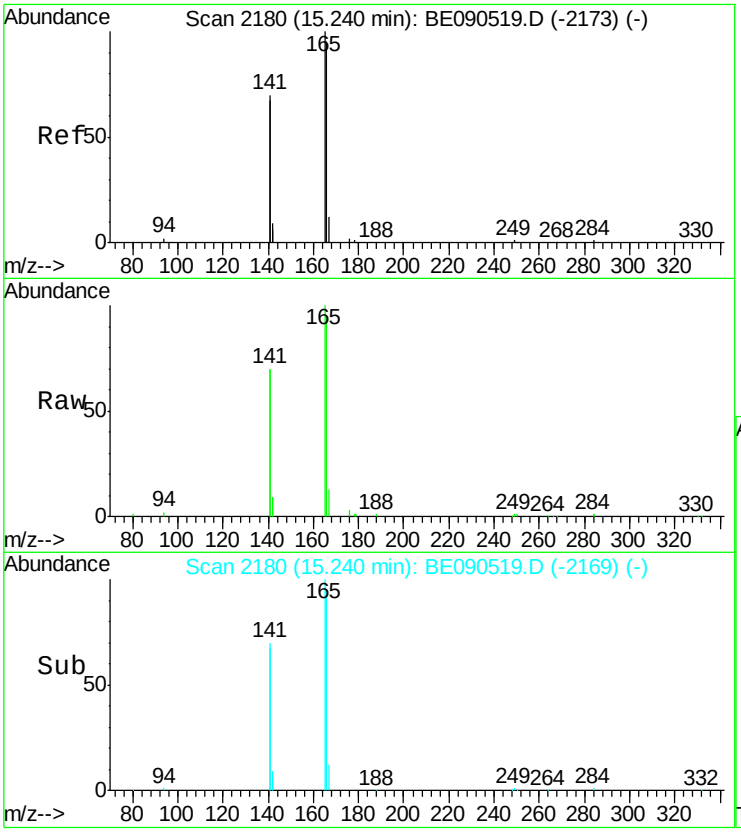


#16
Acenaphthene
Concen: 0.94 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:154 Resp: 15571

Ion	Ratio	Lower	Upper
154	100		
153	436.4	376.2	564.2
152	231.8	235.0	352.4#



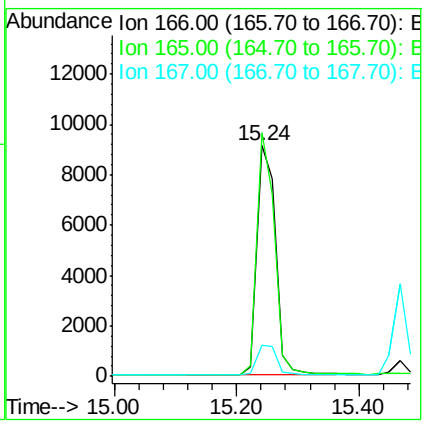


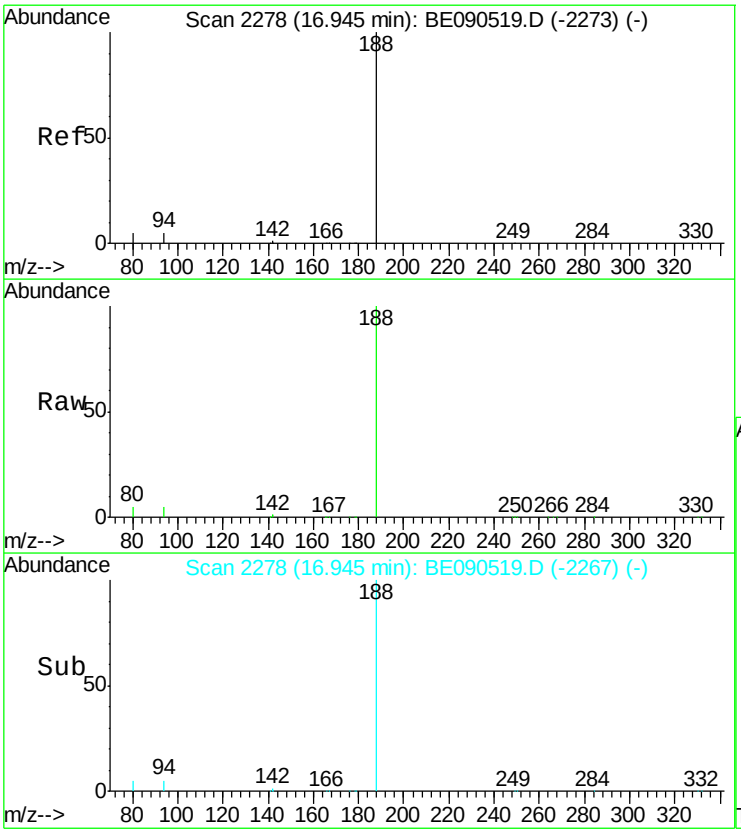
#17
Fluorene
Concen: 0.94 ng
RT: 15.24 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:166 Resp: 19238

Ion	Ratio	Lower	Upper
166	100		
165	99.4	81.5	122.3
167	13.9	11.4	17.0

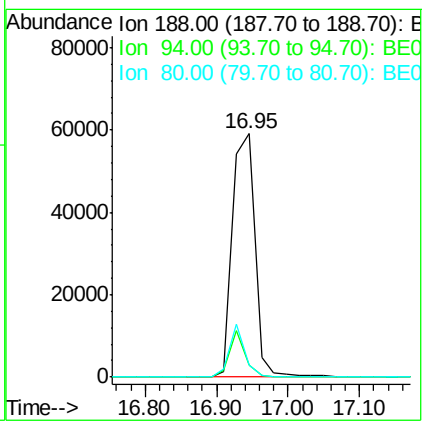


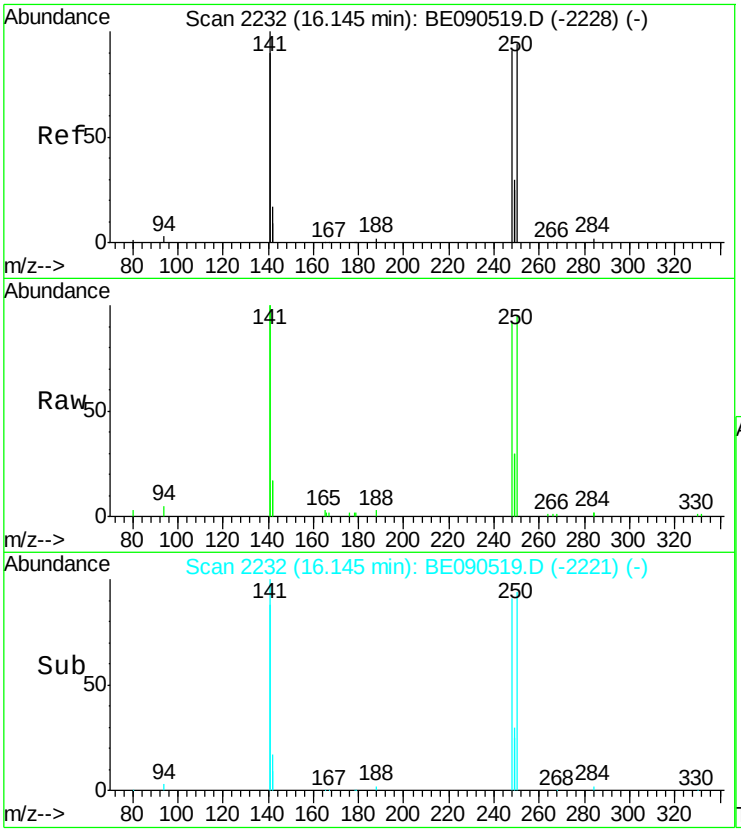


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:188 Resp: 127859

Ion	Ratio	Lower	Upper
188	100		
94	4.7	5.7	8.5#
80	4.7	5.8	8.8#



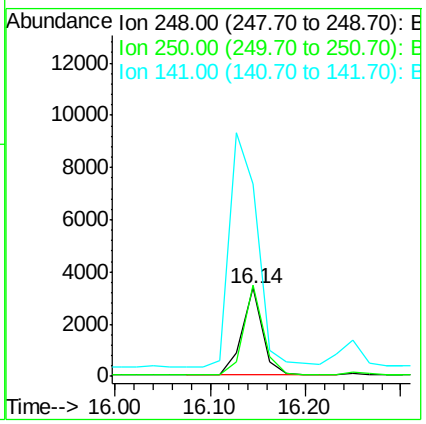


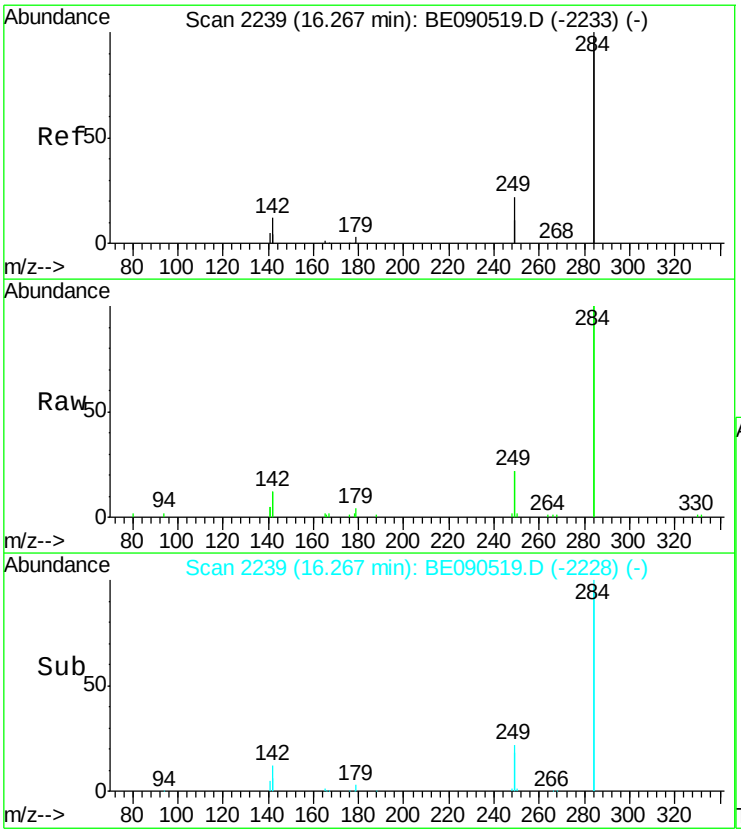
#19
4-Bromophenyl-phenylether
Concen: 0.92 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:248 Resp: 5080

Ion	Ratio	Lower	Upper
248	100		
250	99.5	79.0	118.6
141	353.1	239.5	359.3

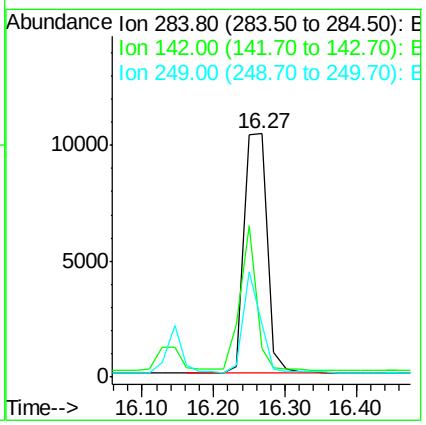


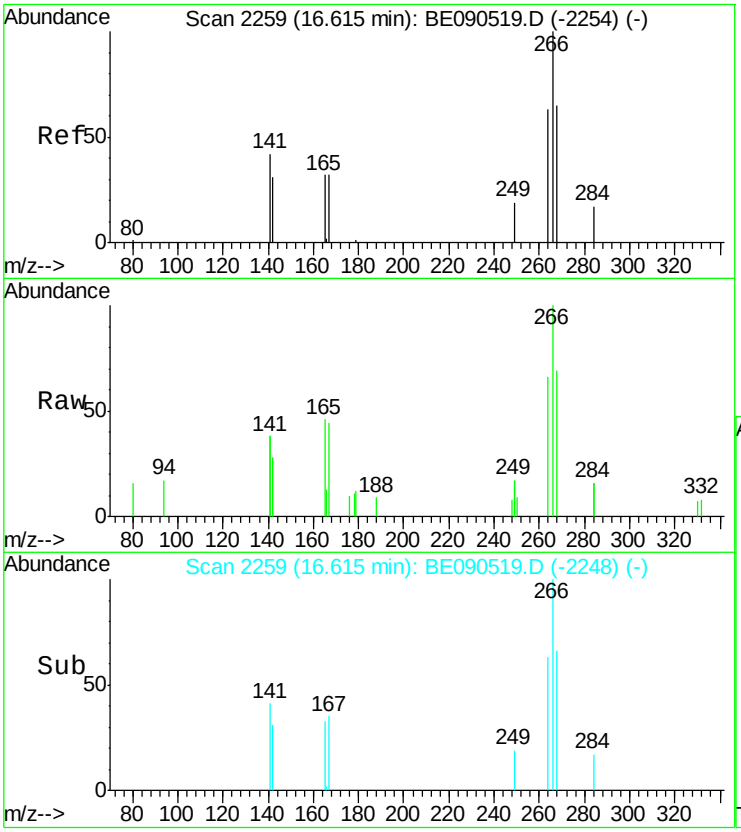


#20
Hexachlorobenzene
Concen: 0.93 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:284 Resp: 23054

Ion	Ratio	Lower	Upper
284	100		
142	42.3	30.1	45.1
249	31.6	25.7	38.5



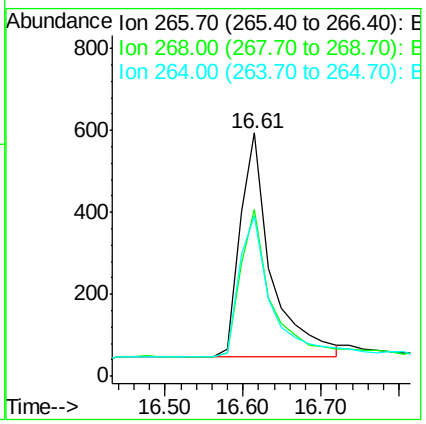


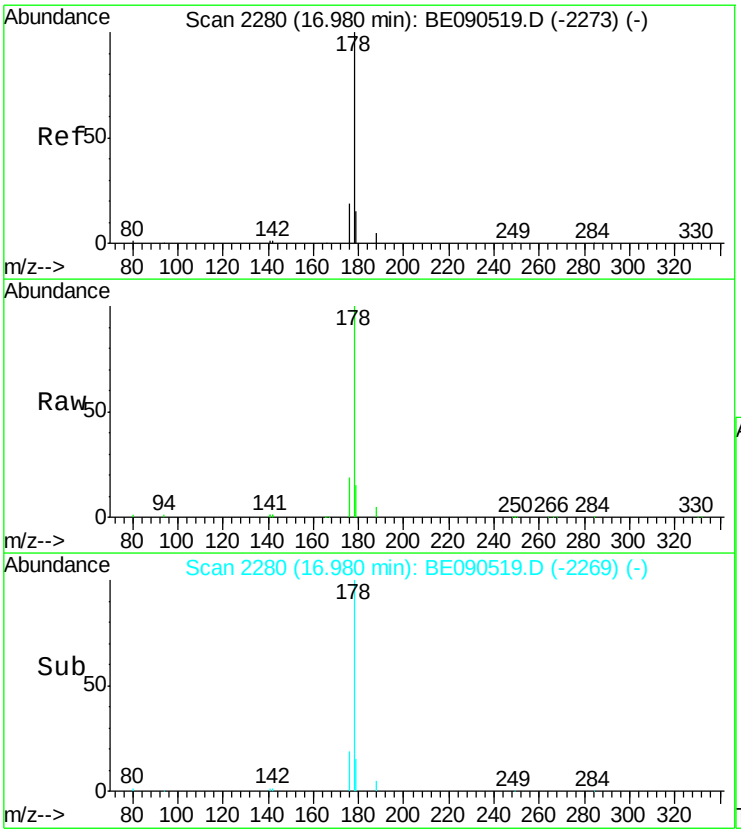
#21
Pentachlorophenol
Concen: 0.89 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:266 Resp: 1520

Ion	Ratio	Lower	Upper
266	100		
268	68.5	58.5	87.7
264	66.2	56.0	84.0

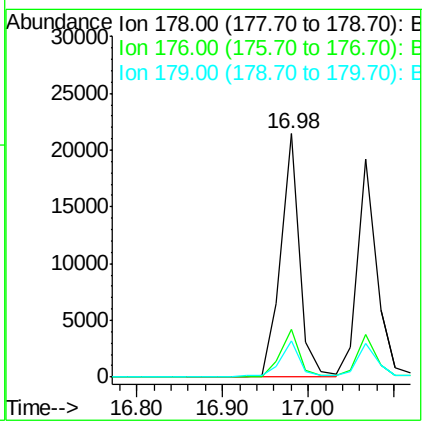


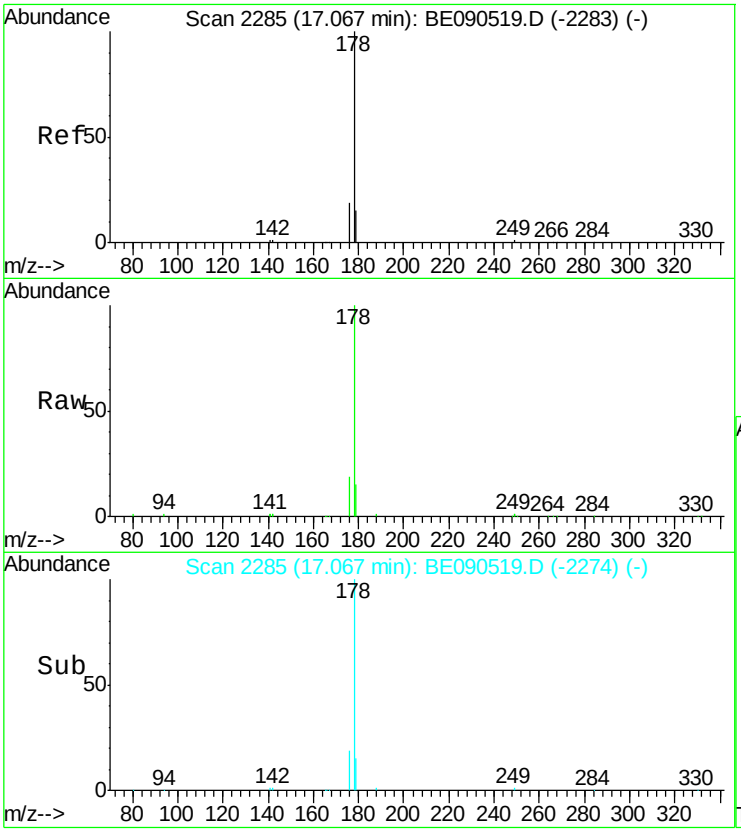


#22
Phenanthrene
Concen: 0.92 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:178 Resp: 32931

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.1	12.5	18.7



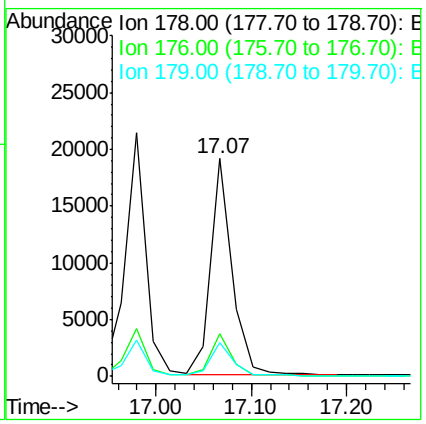


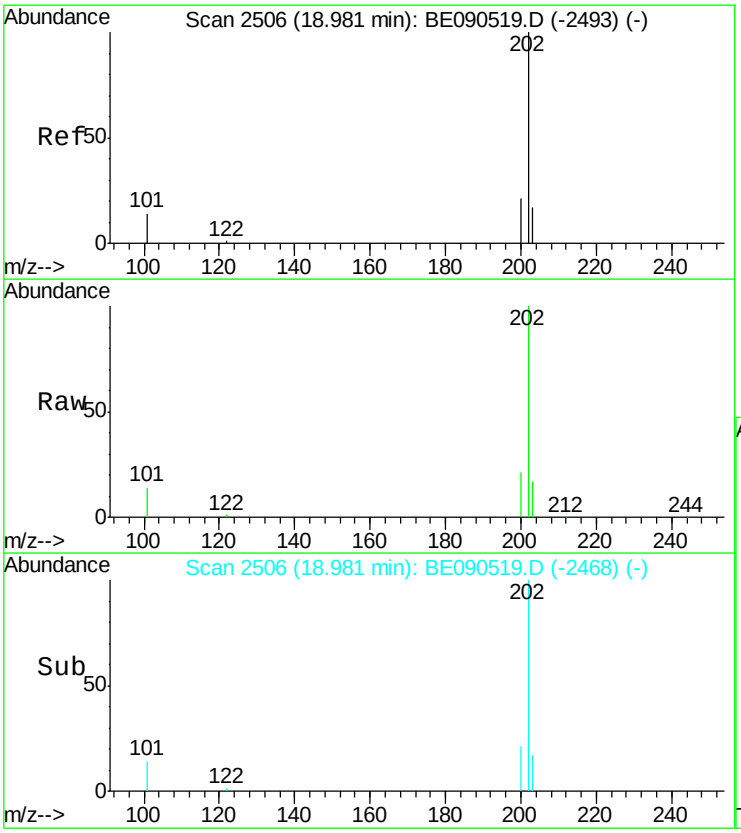
#23
Anthracene
Concen: 0.93 ng
RT: 17.07 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:178 Resp: 29845

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.4	12.2	18.4

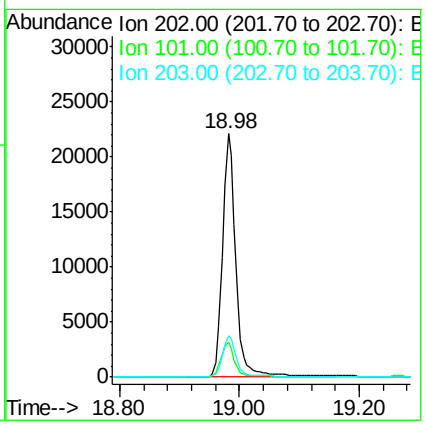


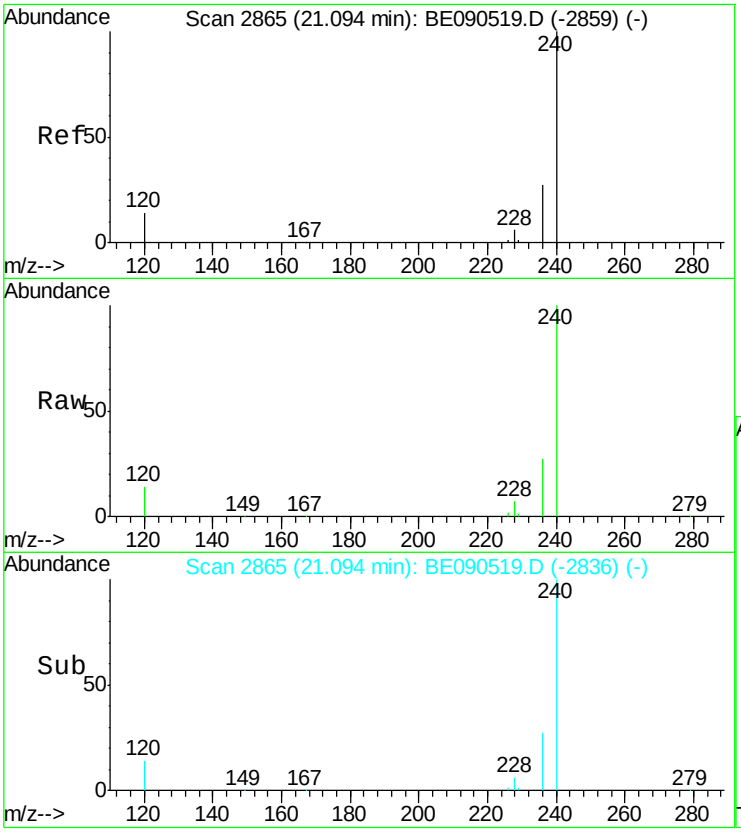


#24
Fluoranthene
Concen: 0.93 ng
RT: 18.98 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:202 Resp: 34767

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
203	17.0	13.7	20.5



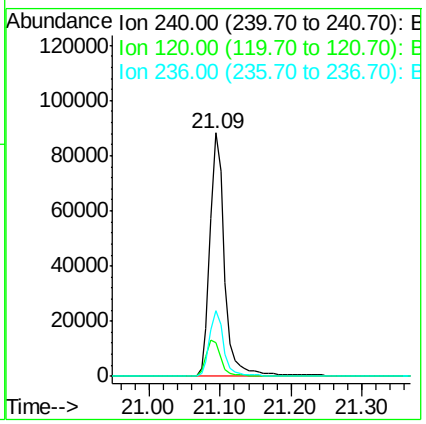


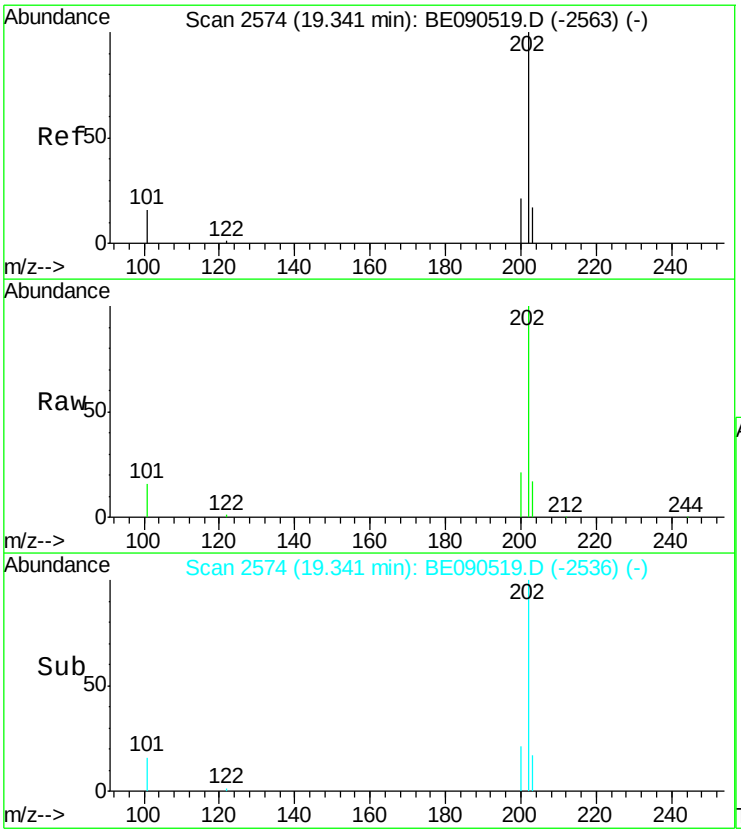
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:240 Resp: 126936

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.3	12.5#
236	27.1	21.0	31.4

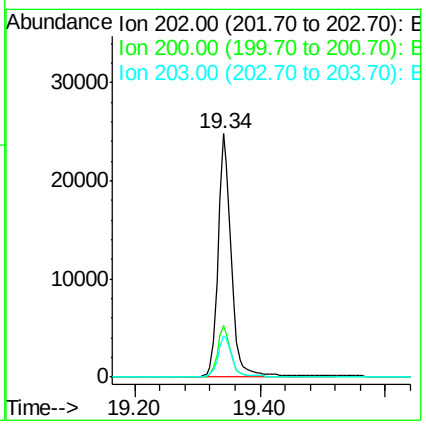


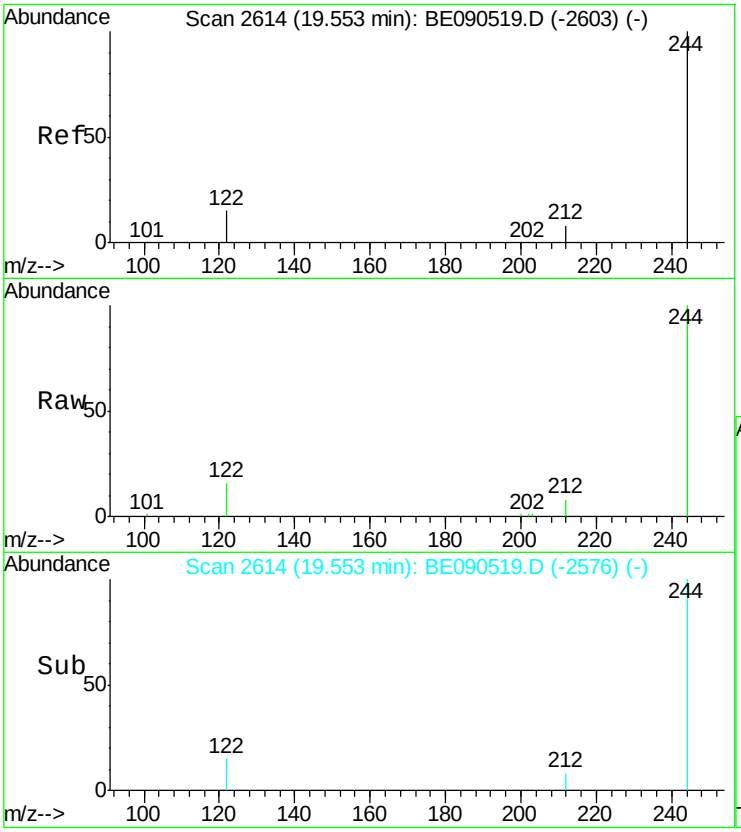


#26
Pyrene
Concen: 0.93 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:202 Resp: 35477

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.5	13.8	20.8



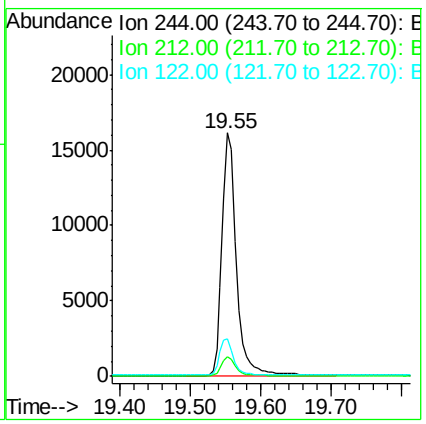


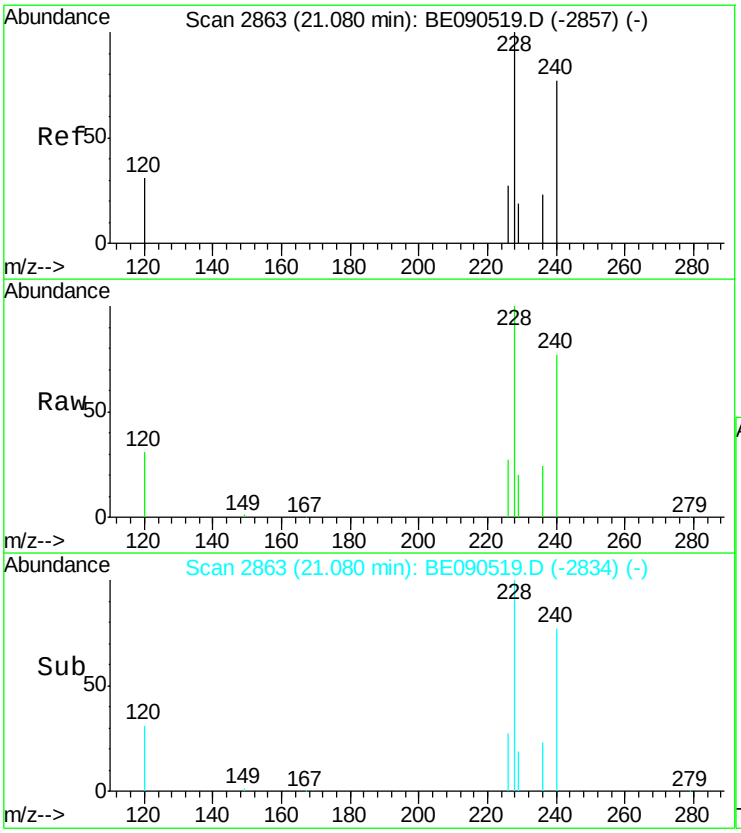
#27
Terphenyl-d14
Concen: 0.94 ng
RT: 19.55 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:244 Resp: 22873

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	15.6	10.2	15.4#

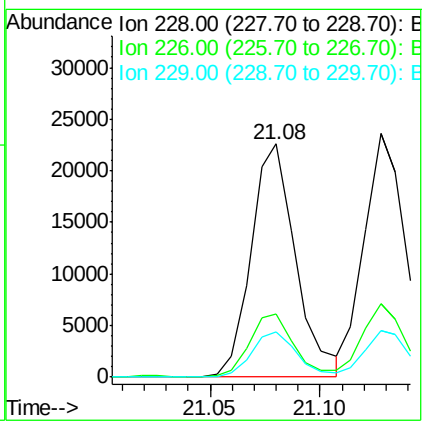


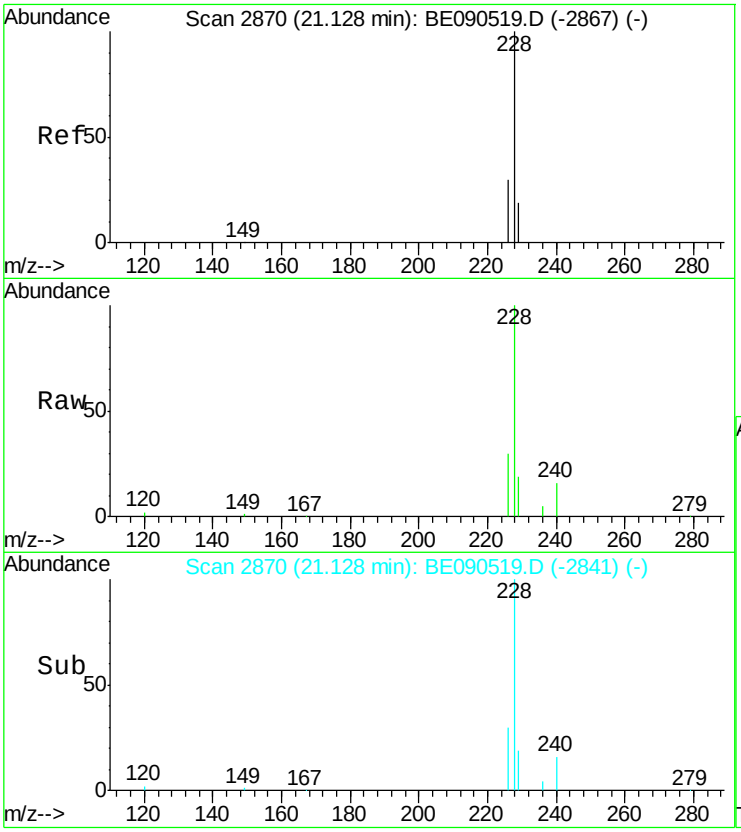


#28
Benzo(a)anthracene
Concen: 0.90 ng
RT: 21.08 min Scan# 2863
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:228 Resp: 31780

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.5	15.4	23.0



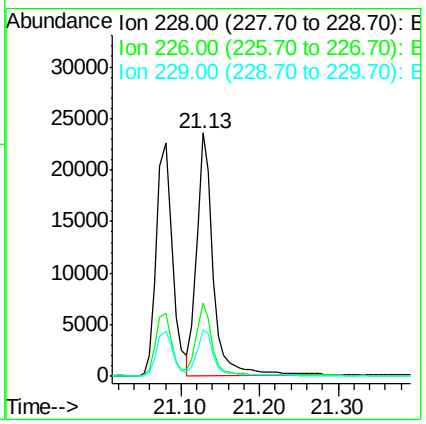


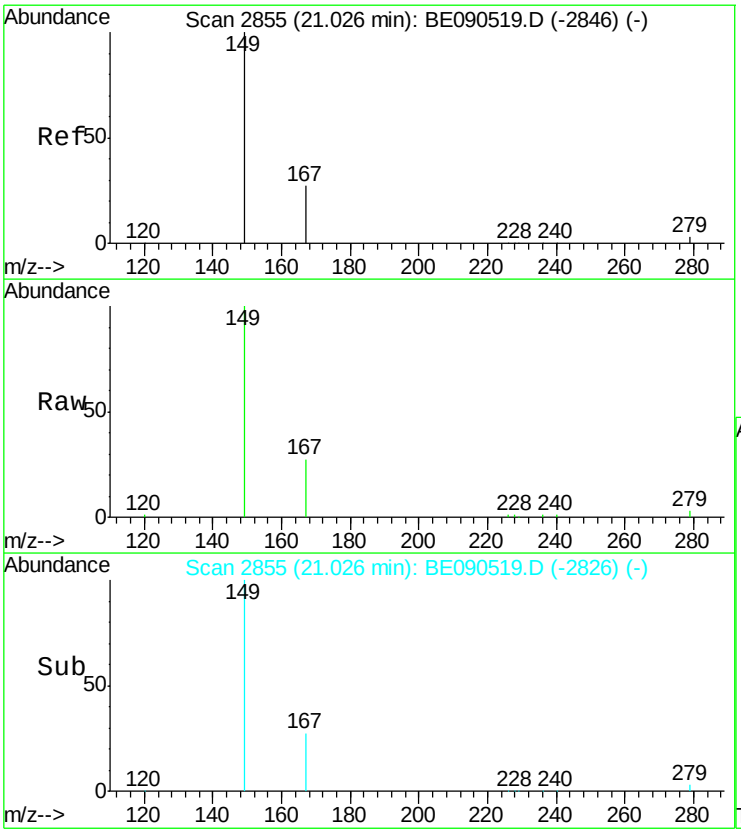
#29
Chrysene
Concen: 0.93 ng
RT: 21.13 min Scan# 2870
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:228 Resp: 33840

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.1	34.7
229	19.3	15.8	23.8

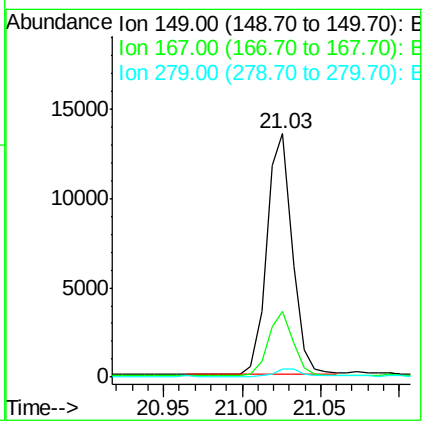


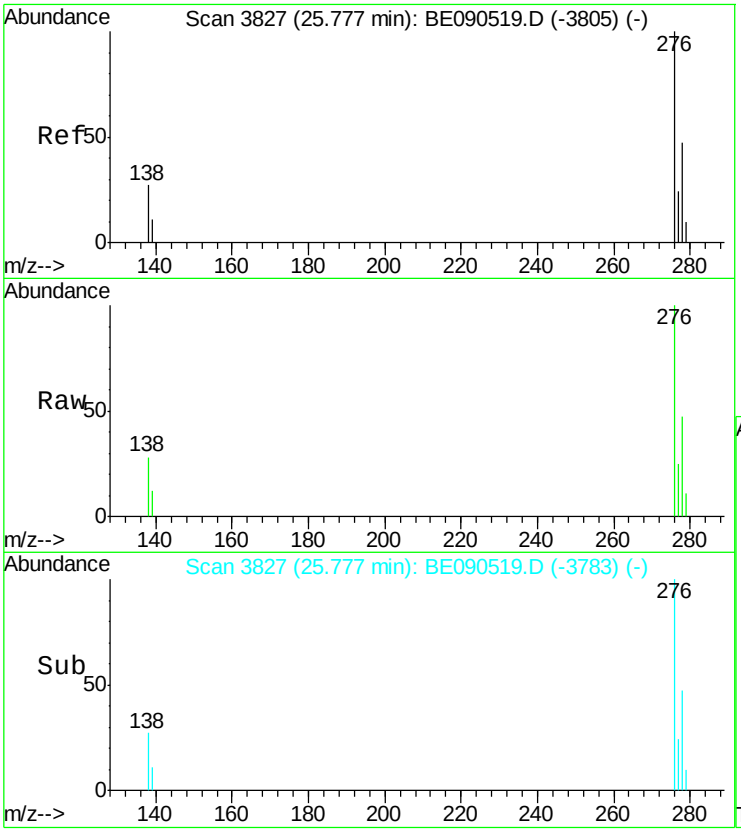


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.84 ng
RT: 21.03 min Scan# 2855
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:149 Resp: 15138

Ion	Ratio	Lower	Upper
149	100		
167	25.9	19.8	29.8
279	3.1	2.4	3.6



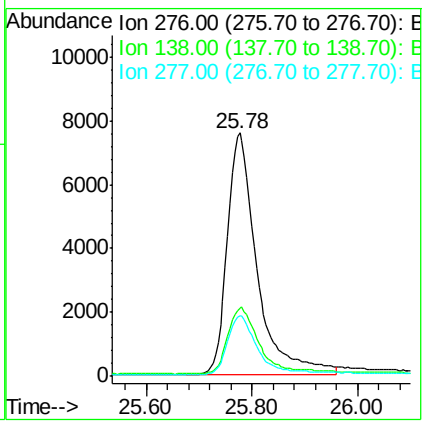


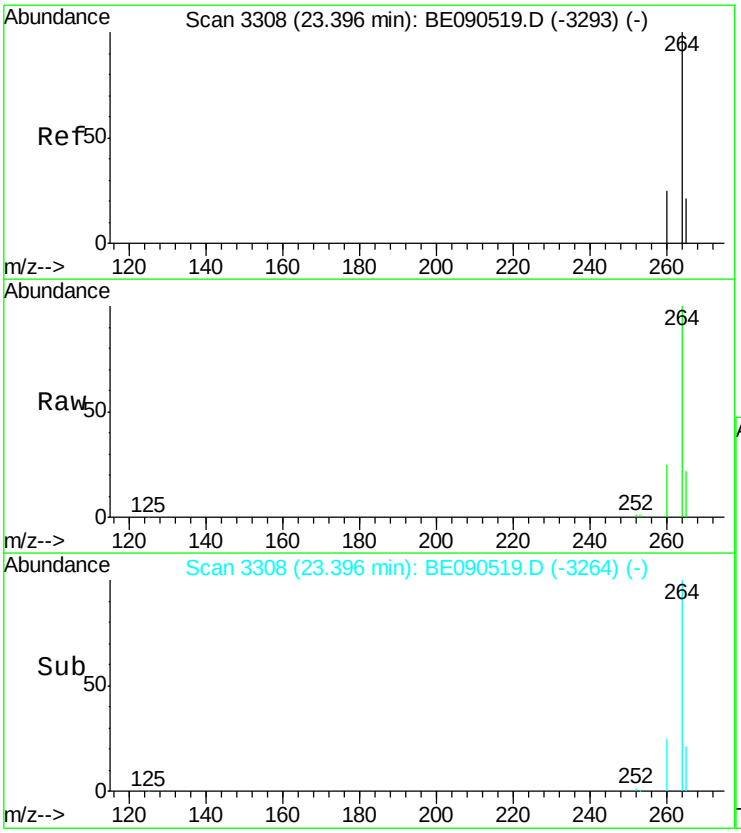
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.91 ng
RT: 25.78 min Scan# 3827
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:276 Resp: 29700

Ion	Ratio	Lower	Upper
276	100		
138	28.2	18.8	28.2
277	25.0	18.2	27.4

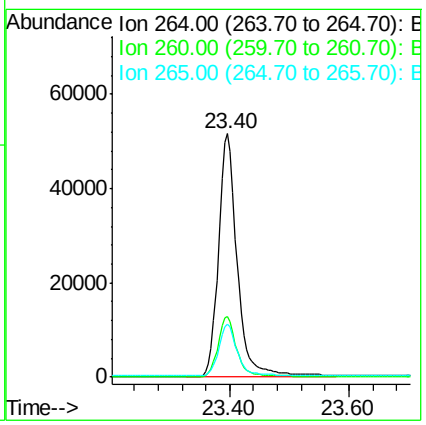


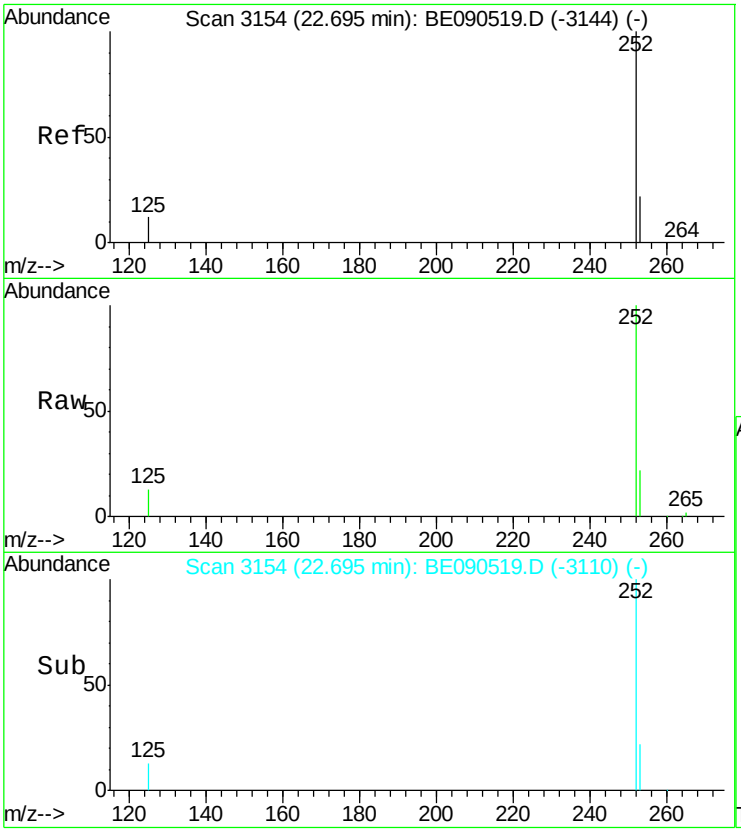


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:264 Resp: 113728

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.8	17.2	25.8



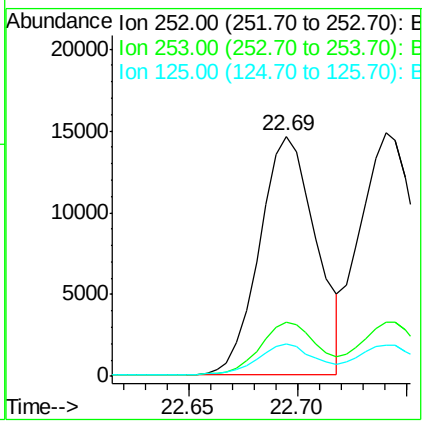


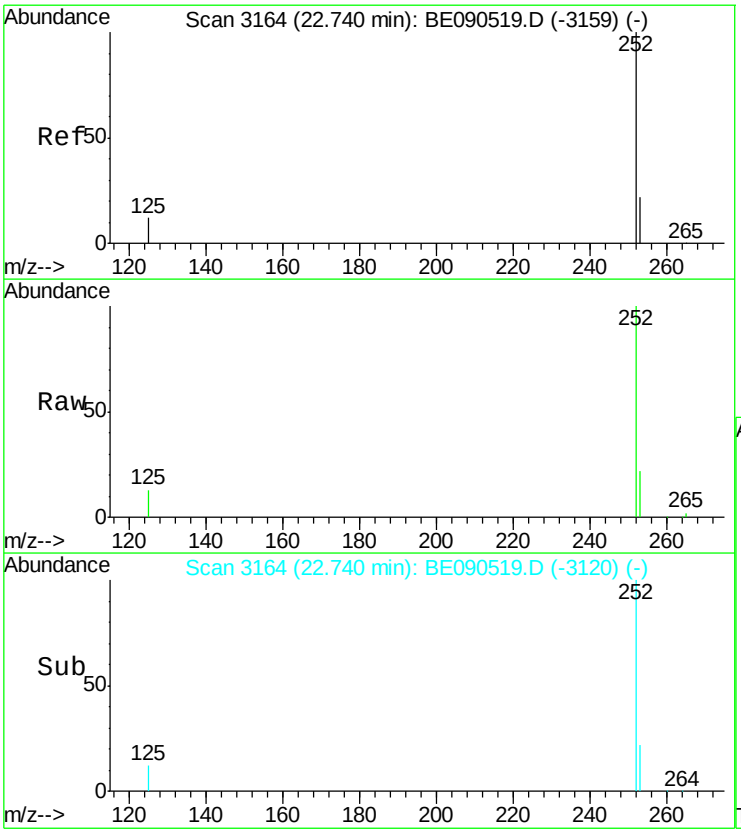
#33
Benzo(b)fluoranthene
Concen: 0.93 ng
RT: 22.69 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 26260

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.3	9.4	14.2

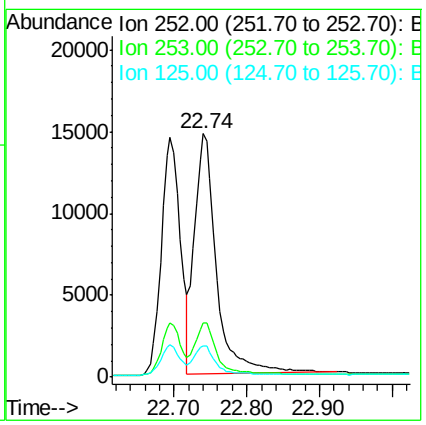


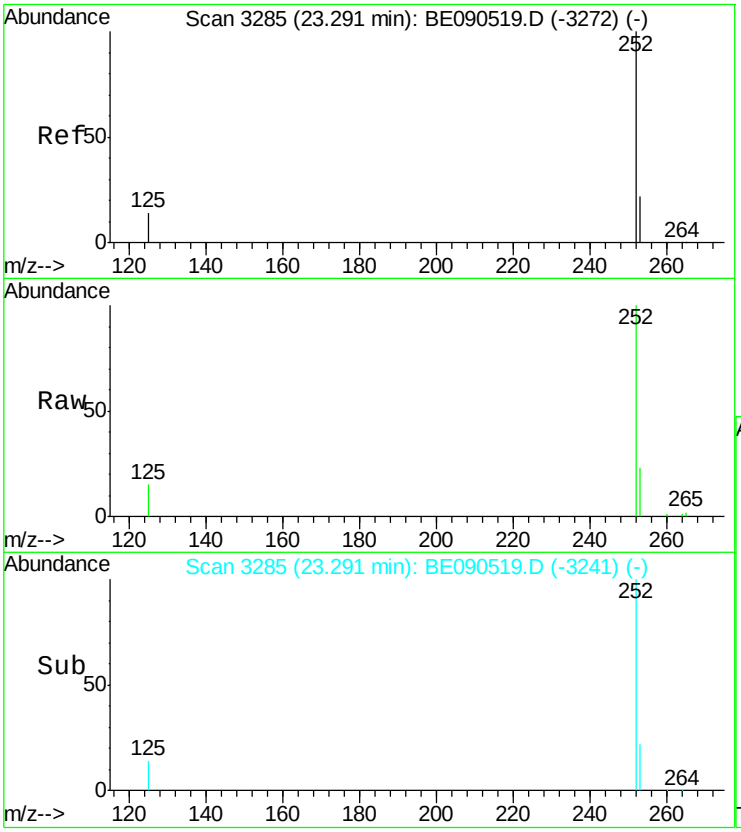


#34
Benzo(k)fluoranthene
Concen: 0.96 ng
RT: 22.74 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:252 Resp: 30784

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.0	9.1	13.7



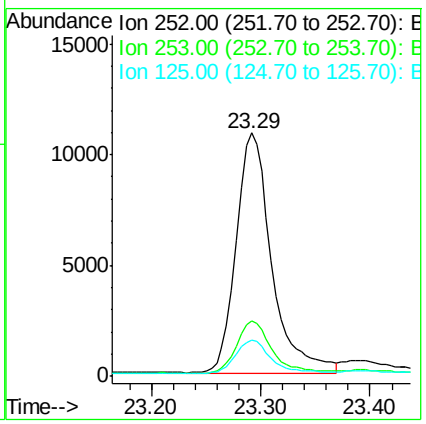


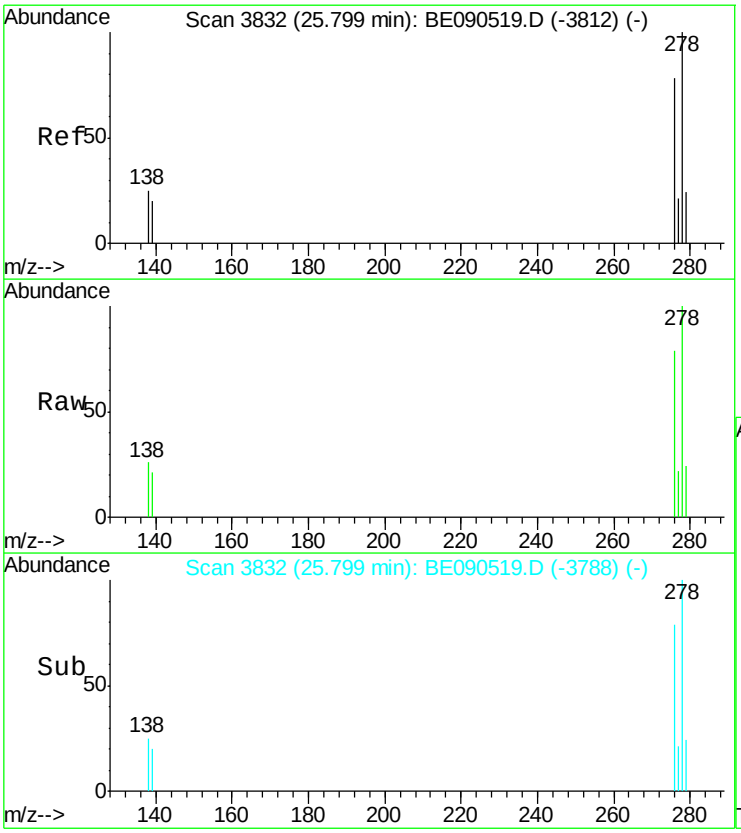
#35
Benzo(a)pyrene
Concen: 0.95 ng
RT: 23.29 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 24414

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	15.0	9.8	14.6#

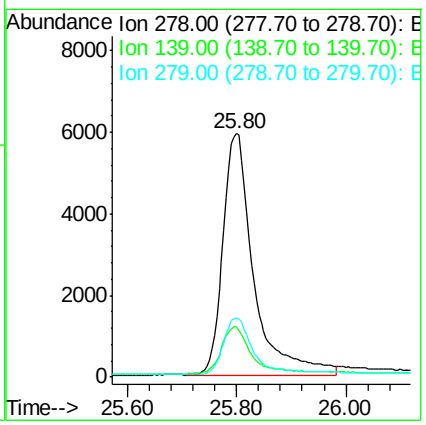


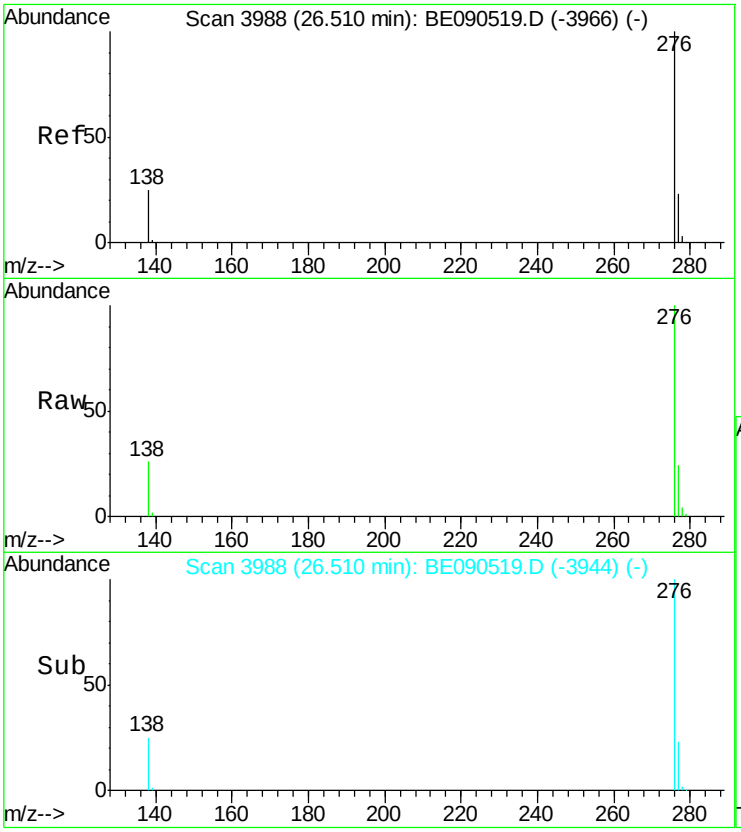


#36
Dibenzo(a,h)anthracene
Concen: 0.94 ng
RT: 25.80 min Scan# 3832
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Tgt Ion:278 Resp: 23071

Ion	Ratio	Lower	Upper
278	100		
139	20.8	14.2	21.4
279	24.4	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 0.96 ng
RT: 26.51 min Scan# 3988
Delta R.T. 0.00 min
Lab File: BE090519.D
Acq: 14 Aug 2015 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:276 Resp: 26154

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.1	30.1
138	26.3	18.1	27.1