Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
Data File : BE089929.D
Acq On : 24 Jun 2015 00:23
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Jun 24 09:18:32 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 09:11:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	30473	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	137961	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	86088	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	204391	5.00	ng		0.00
25) Chrysene-d12	21.14	240	227856	5.00	ng		0.00
32) Perylene-d12	23.47	264	203078	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	1057	0.15	ng		0.00
5) Phenol-d6	6.81	99	1604	0.18	ng		0.00
7) Nitrobenzene-d5	8.77	82	2070	0.20	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	167	0.07	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	5278	0.18	ng		0.00
27) Terphenyl-d14	19.60	244	8075	0.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	973	0.28	ng		91
3) n-Nitrosodimethylamine	3.55	42	1131	0.21	ng	#	95
8) Nitrobenzene	8.81	77	2177	0.19	ng		98
9) Naphthalene	10.44	128	6580	0.20	ng		99
10) Hexachlorobutadiene	10.74	225	1076	0.19	ng		99
11) 2-Methylnaphthalene	12.05	142	4381	0.21	ng		97
15) Acenaphthylene	13.96	152	30946	0.58	ng		100
16) Acenaphthene	14.30	154	4618	0.18	ng		96
17) Fluorene	15.29	166	6400	0.29	ng	#	98
19) 4-Bromophenyl-phenylether	16.20	248	1769	0.21	ng		95
20) Hexachlorobenzene	16.30	284	8142	0.84	ng		99
21) Pentachlorophenol	16.65	266	215	0.09	ng	#	82
22) Phenanthrene	17.03	178	11276	0.17	ng		99
23) Anthracene	17.12	178	9679	0.31	ng		99
24) Fluoranthene	19.02	202	11476	0.25	ng		100
26) Pyrene	19.38	202	11806	0.15	ng		100
28) Benzo(a)anthracene	21.13	228	11171	0.17	ng		96
29) Chrysene	21.17	228	12668	0.18	ng		100
30) Bis(2-ethylhexyl)phthalate	21.07	149	971	0.03	ng	#	99
31) Indeno(1,2,3-cd)pyrene	25.89	276	7750	0.12	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	8073	0.13	ng		97
34) Benzo(k)fluoranthene	22.81	252	9495	0.16	ng		99
35) Benzo(a)pyrene	23.37	252	6880	0.13	ng	#	95
36) Dibenzo(a,h)anthracene	25.91	278	6129	0.12	ng		97
37) Benzo(g,h,i)perylene	26.63	276	7061	0.13	ng		96

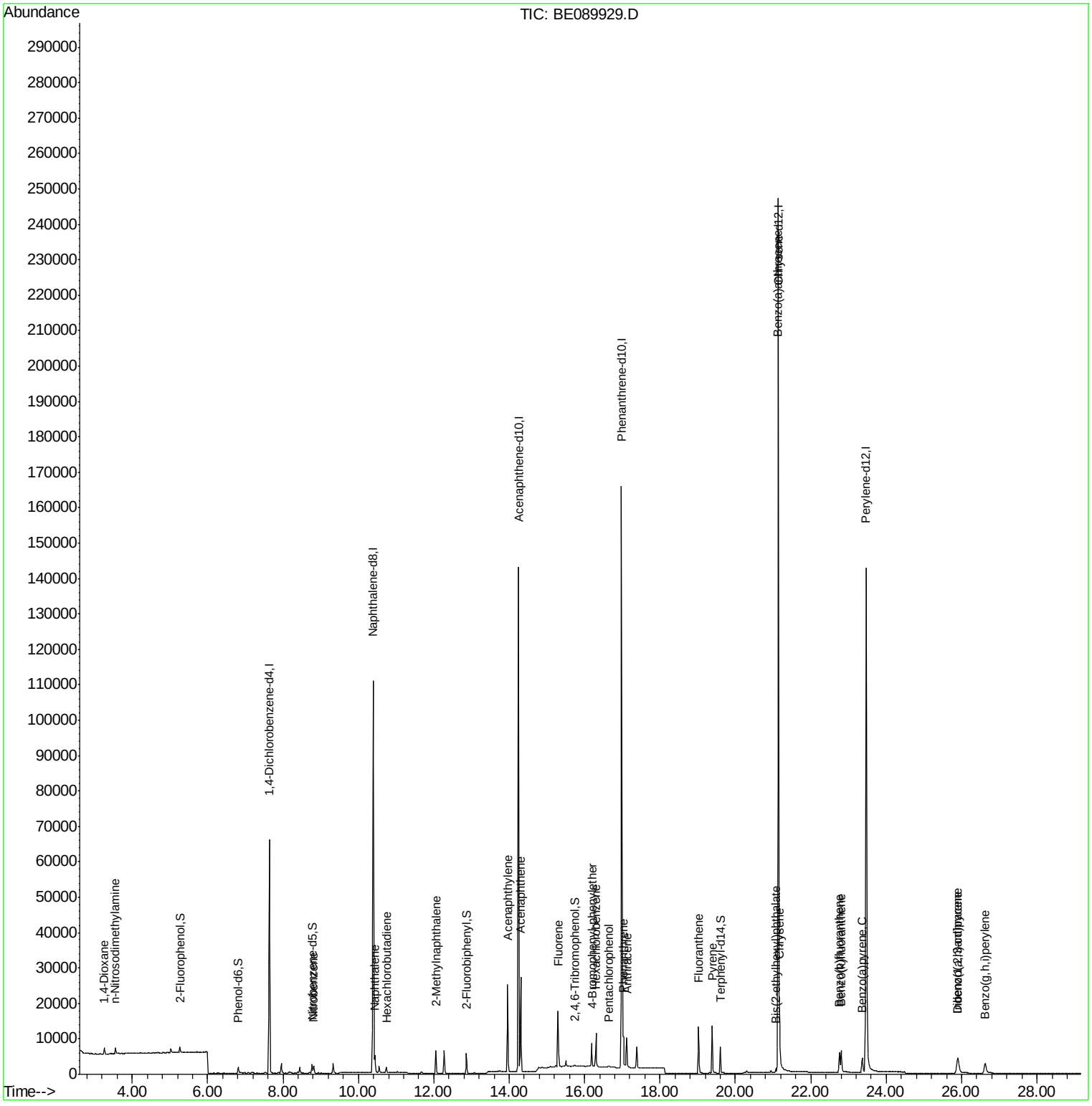
(#) = qualifier out of range (m) = manual integration (+) = signals summed

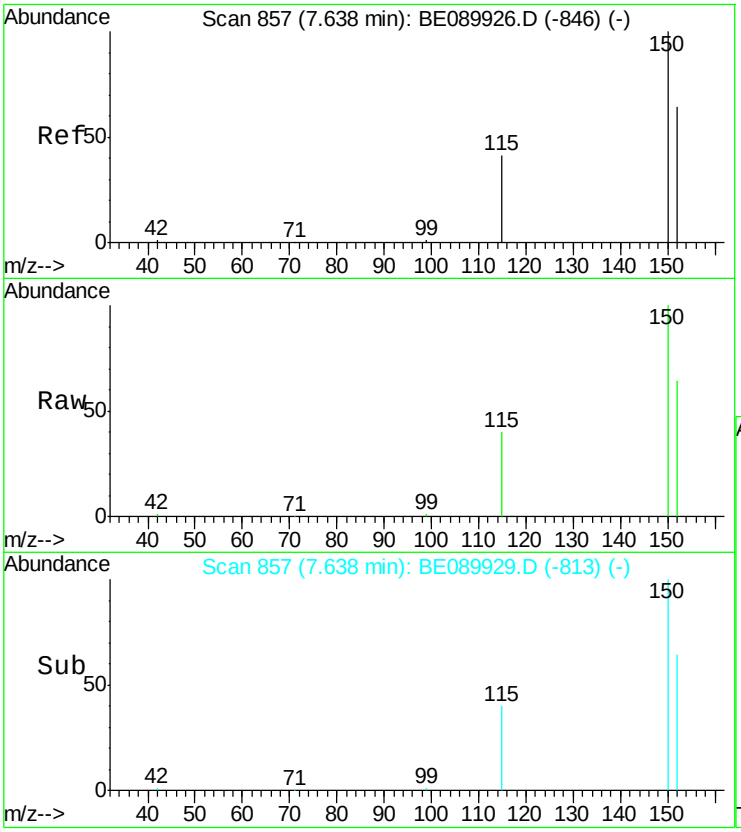
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
Data File : BE089929.D
Acq On : 24 Jun 2015 00:23
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 24 09:18:32 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 09:11:03 2015
Response via : Initial Calibration



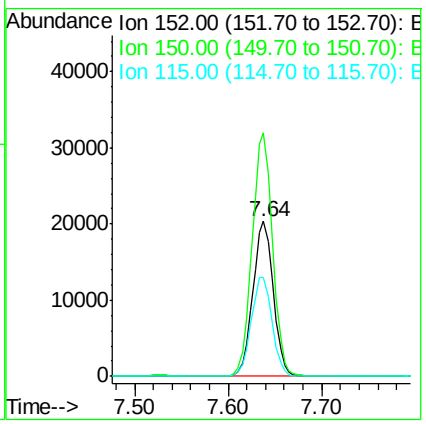


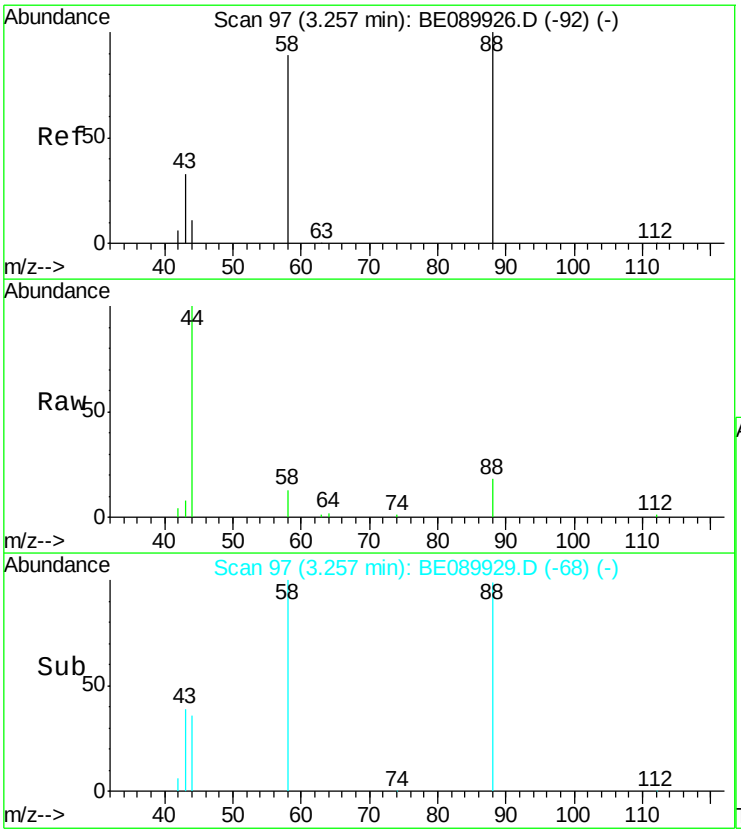
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 30473

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	63.5	51.6	77.4

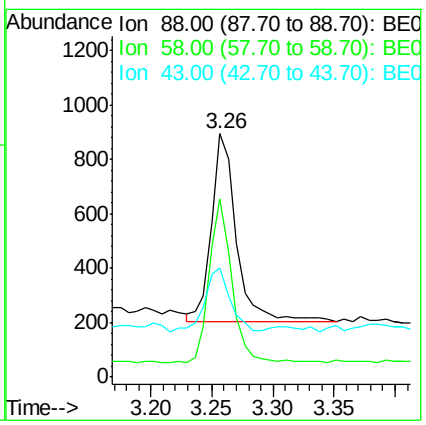


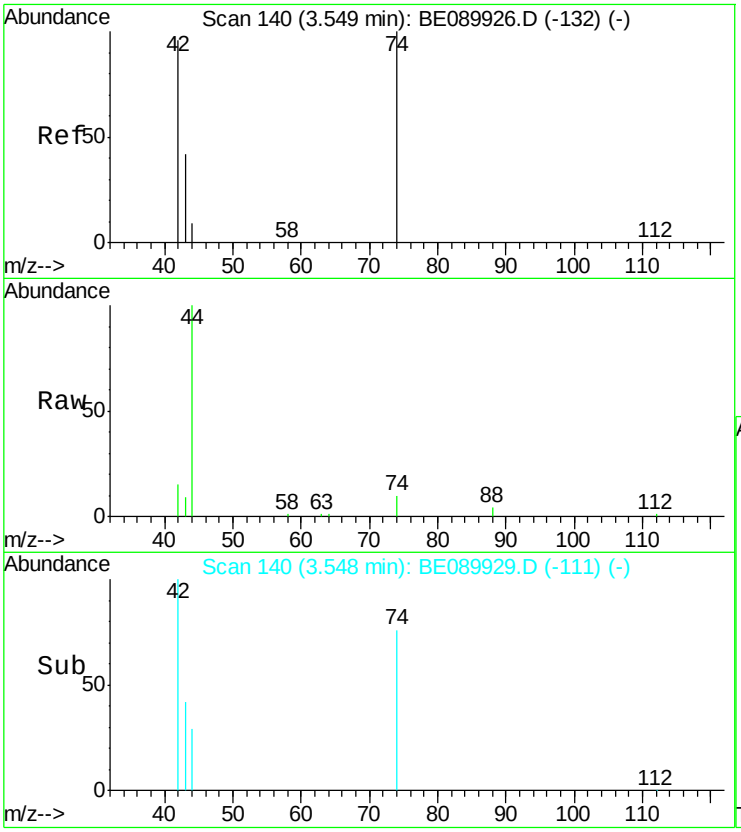


#2
1,4-Dioxane
Concen: 0.28 ng
RT: 3.26 min Scan# 97
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion: 88 Resp: 973

Ion	Ratio	Lower	Upper
88	100		
58	78.0	70.8	106.2
43	34.6	26.8	40.2



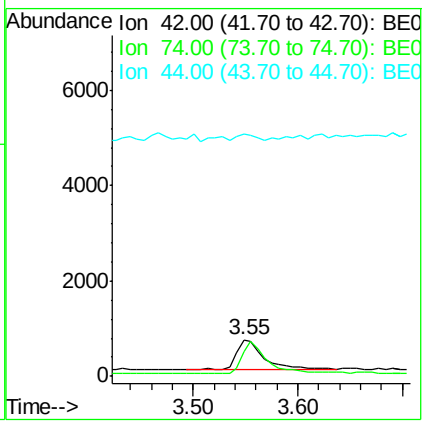


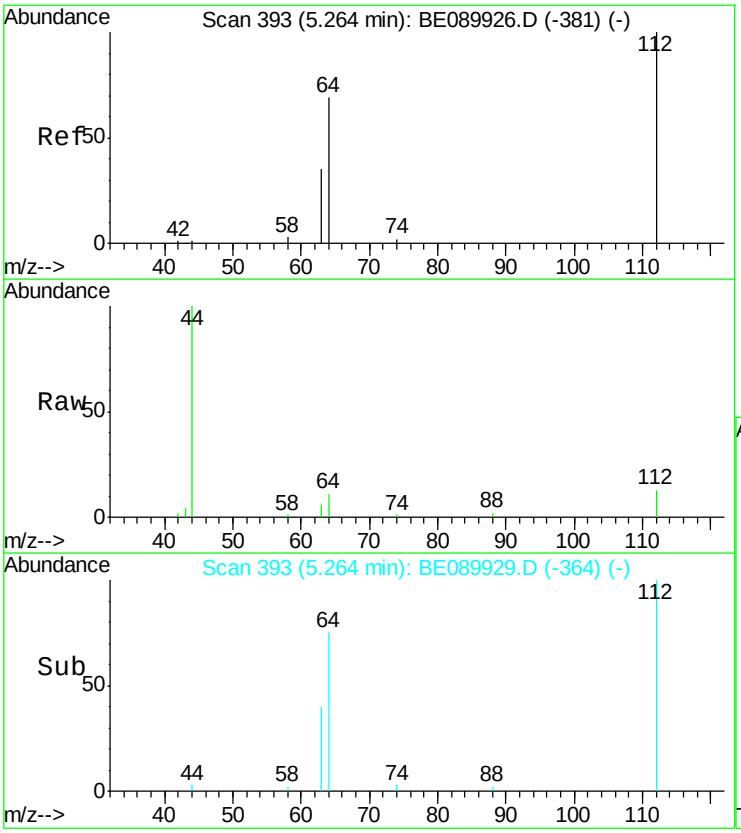
#3
n-Nitrosodimethylamine
Concen: 0.21 ng
RT: 3.55 min Scan# 140
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1131

Ion	Ratio	Lower	Upper
42	100		
74	101.9	85.4	128.2
44	14.7	8.4	12.6#

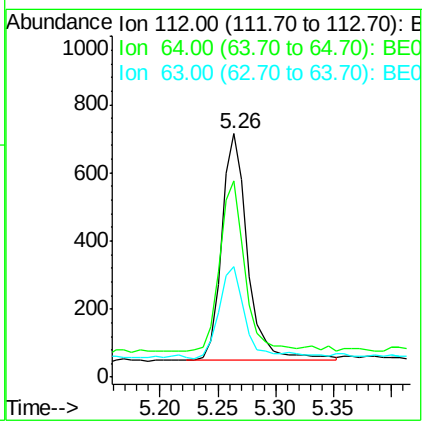


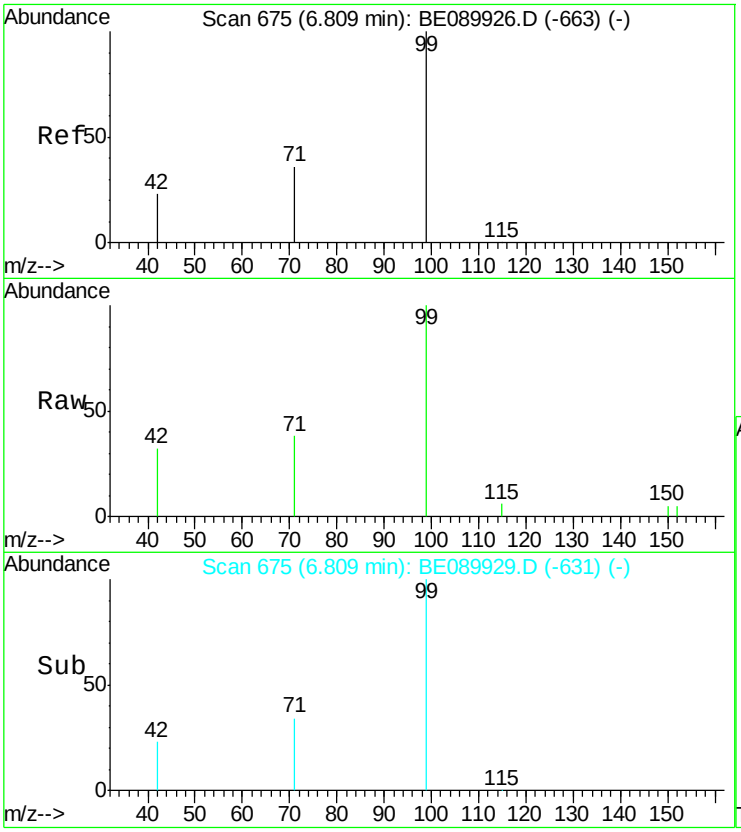


#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:112 Resp: 1057

Ion	Ratio	Lower	Upper
112	100		
64	72.0	57.4	86.2
63	39.5	31.2	46.8



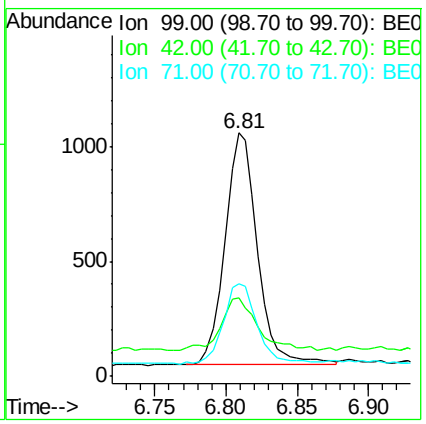


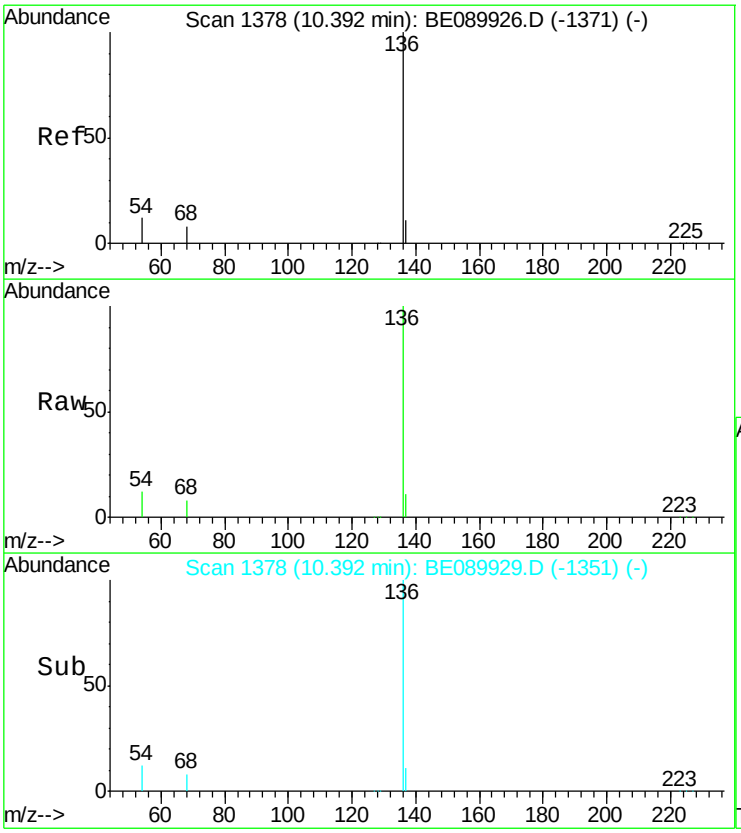
#5
Phenol-d6
Concen: 0.18 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1604

Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.5	29.3
71	35.8	27.8	41.6

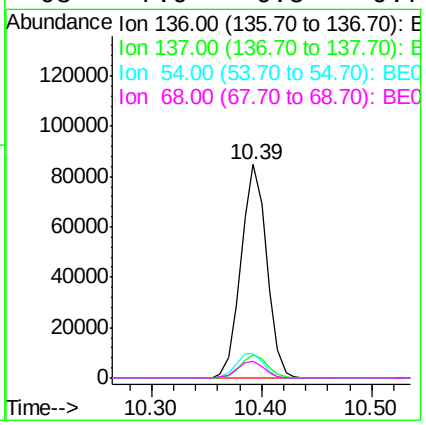


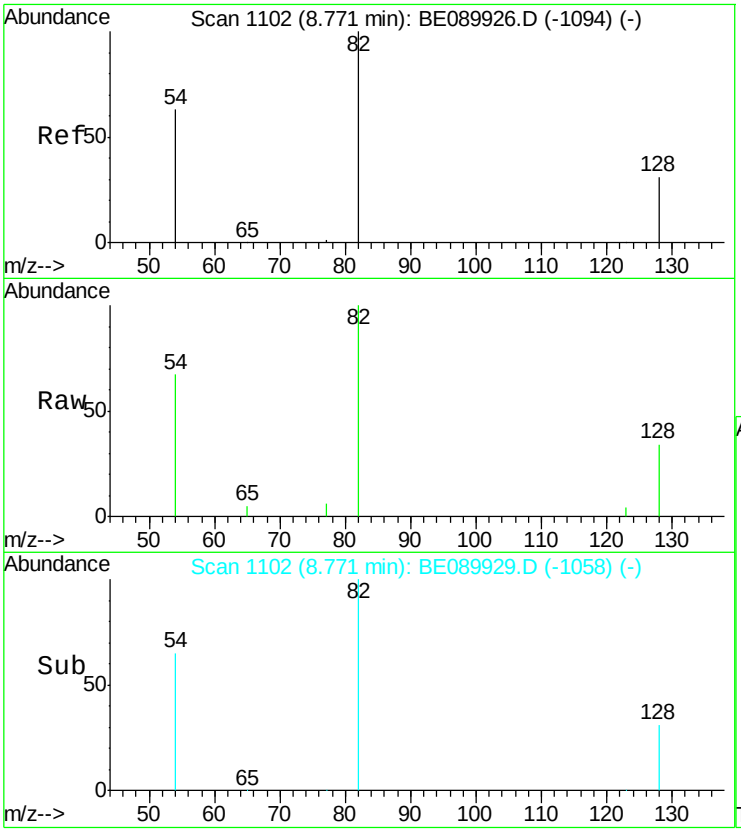


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:136 Resp: 137961

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.6	9.7	14.5
68	7.9	6.5	9.7



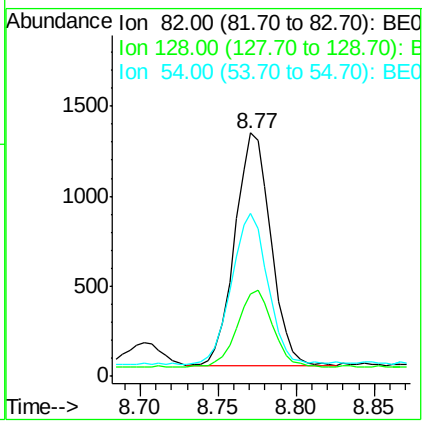


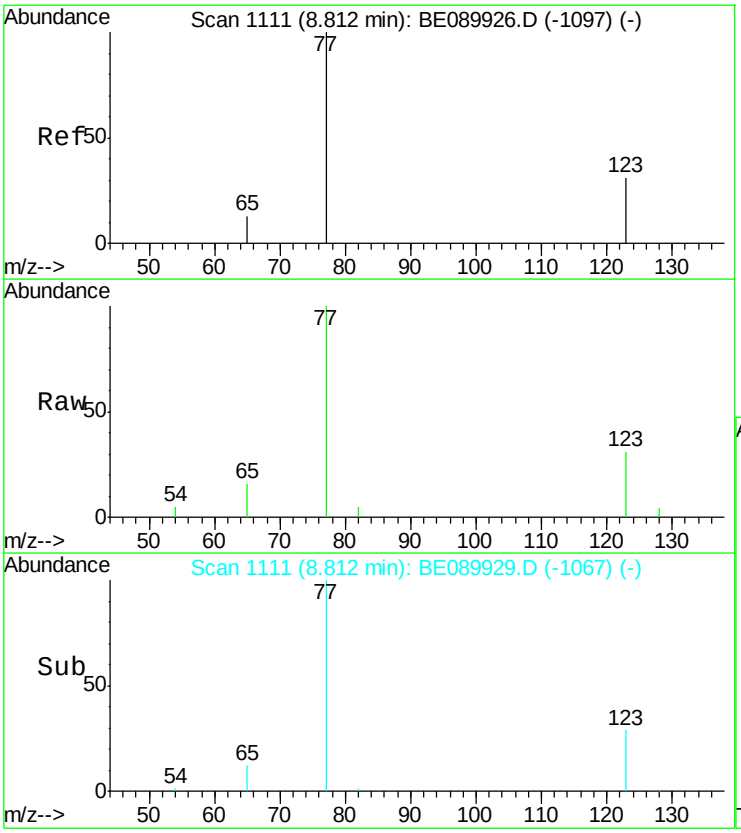
#7
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 82 Resp: 2070

Ion	Ratio	Lower	Upper
82	100		
128	33.9	25.6	38.4
54	66.8	51.2	76.8

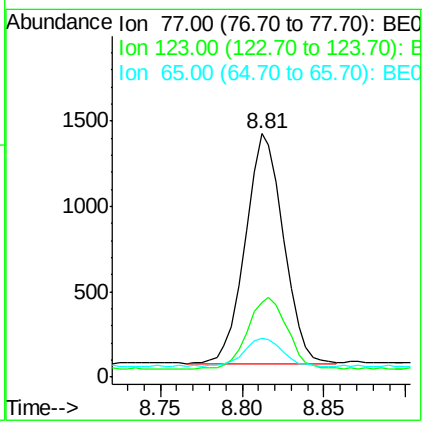


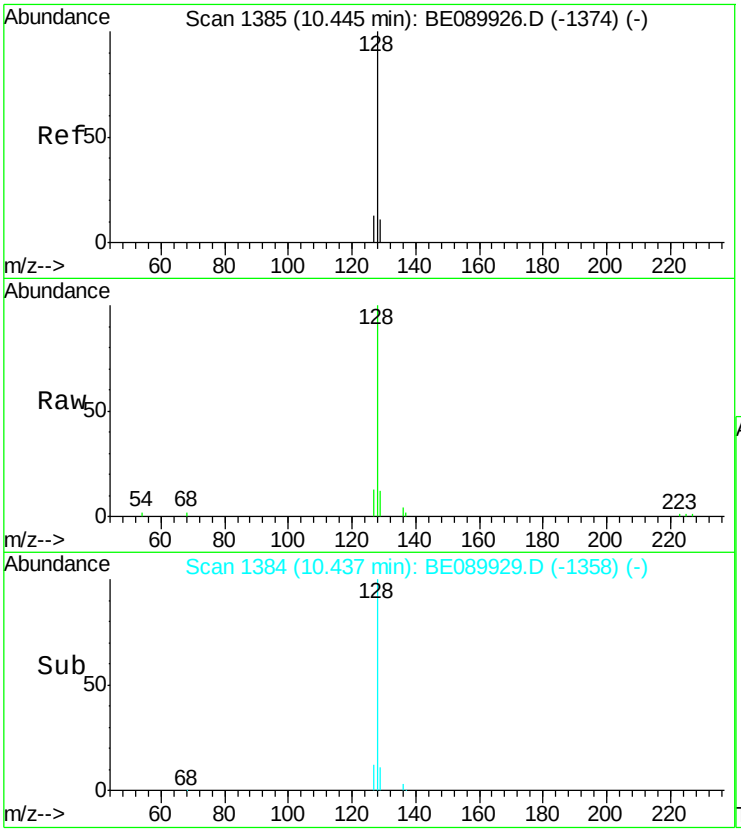


#8
Nitrobenzene
Concen: 0.19 ng
RT: 8.81 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion: 77 Resp: 2177

Ion	Ratio	Lower	Upper
77	100		
123	31.9	26.6	39.8
65	12.7	10.2	15.4



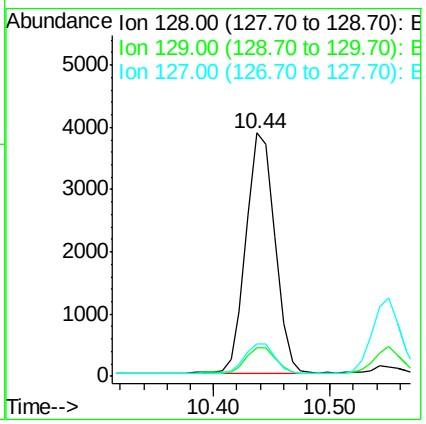


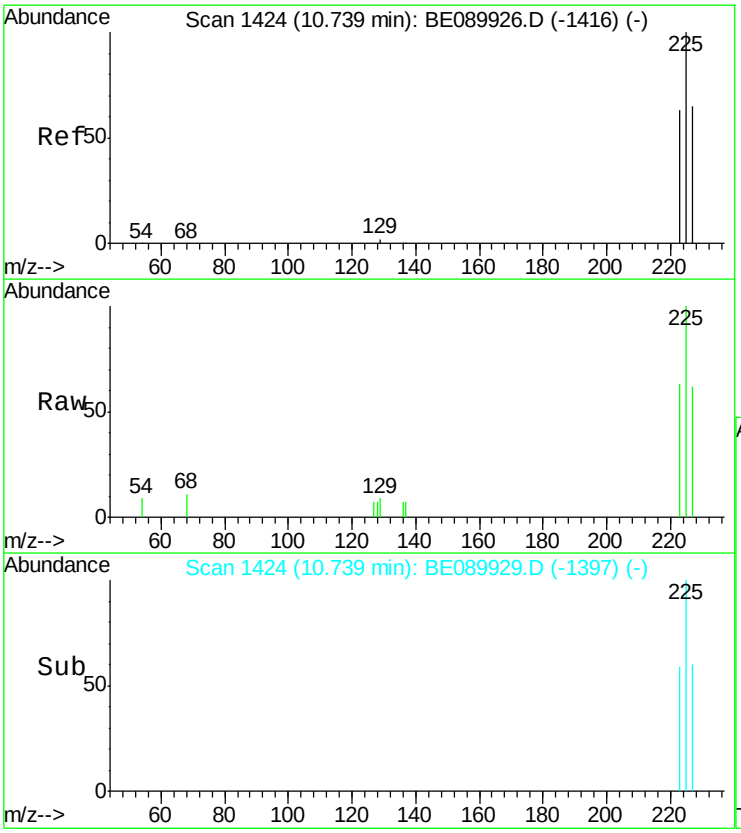
#9
Naphthalene
Concen: 0.20 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 6580

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.9	13.3
127	13.2	10.2	15.4

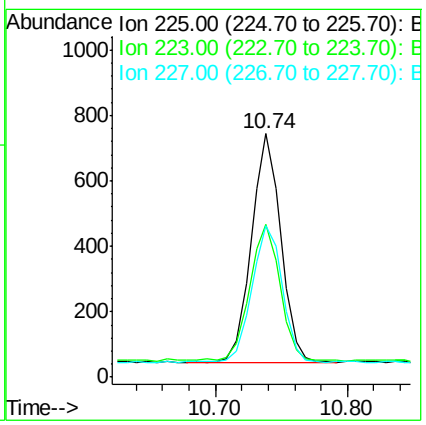


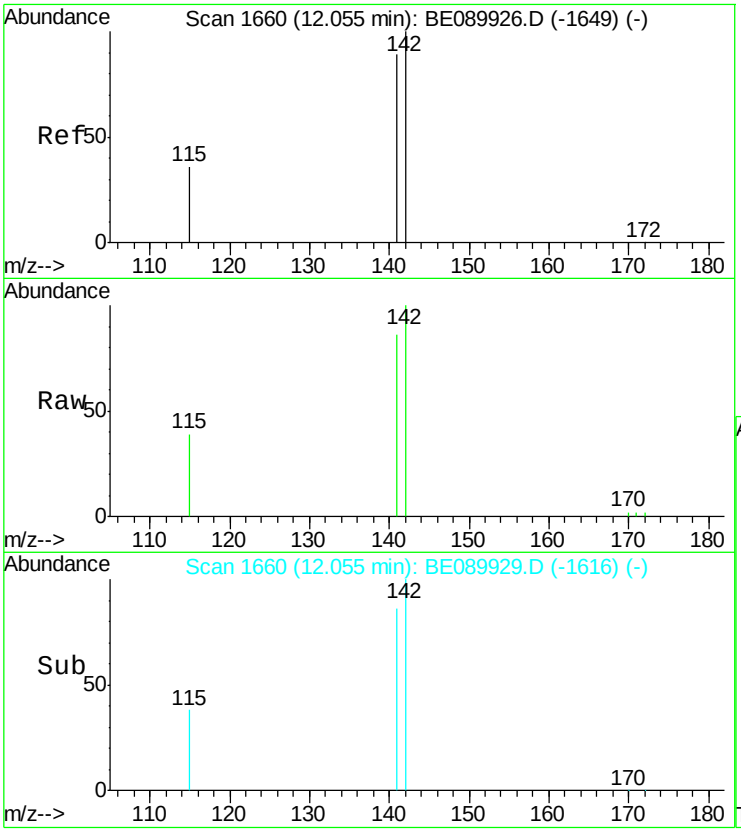


#10
Hexachlorobutadiene
Concen: 0.19 ng
RT: 10.74 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:225 Resp: 1076

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.0	75.0
227	62.0	50.7	76.1



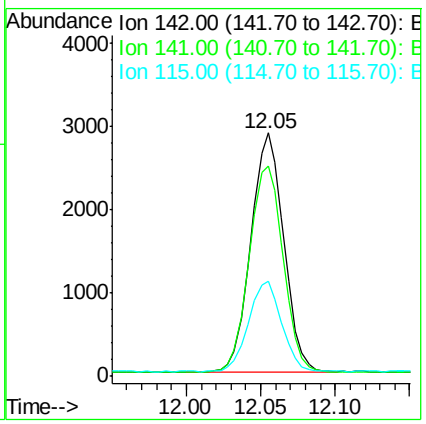


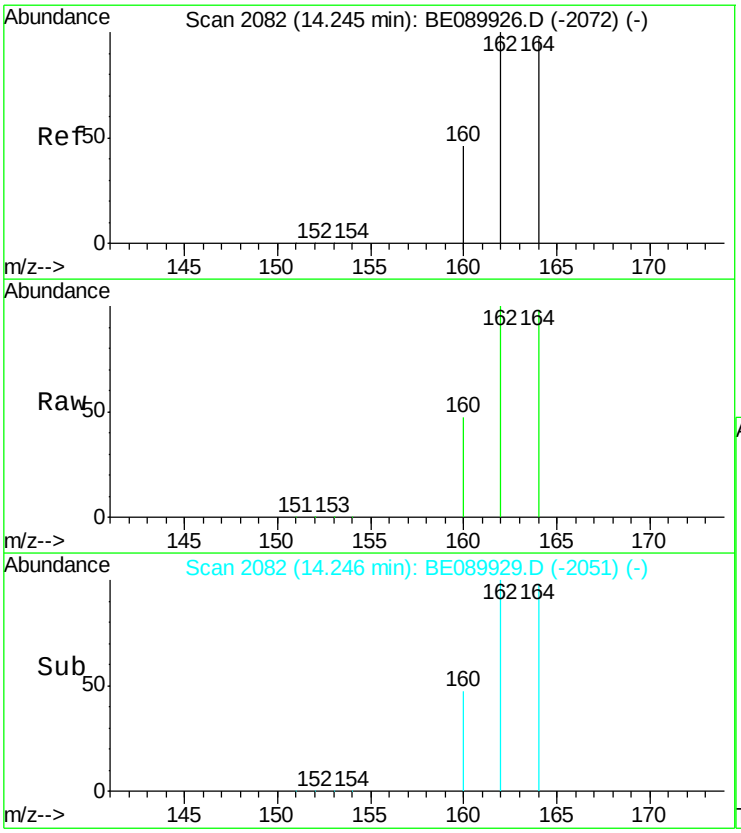
#11
2-Methylnaphthalene
Concen: 0.21 ng
RT: 12.05 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:142 Resp: 4381

Ion	Ratio	Lower	Upper
142	100		
141	86.1	71.1	106.7
115	39.0	29.1	43.7

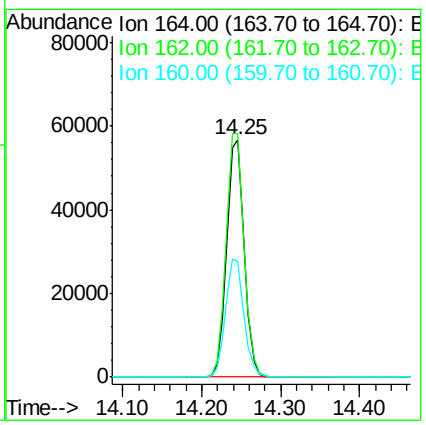


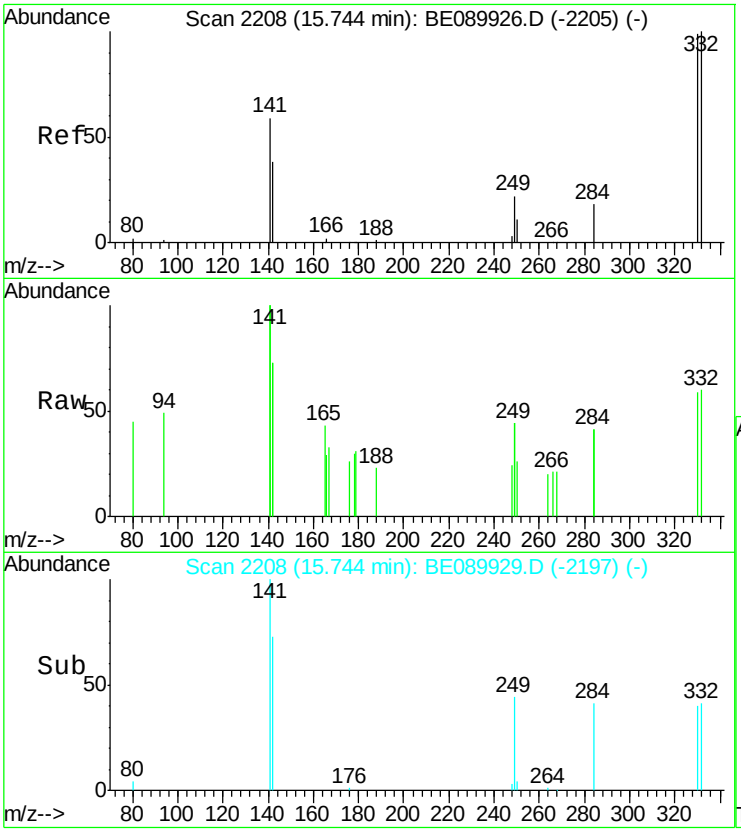


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:164 Resp: 86088

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.7	124.1
160	48.5	38.3	57.5



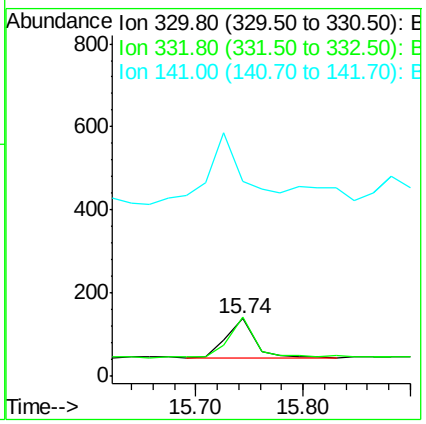


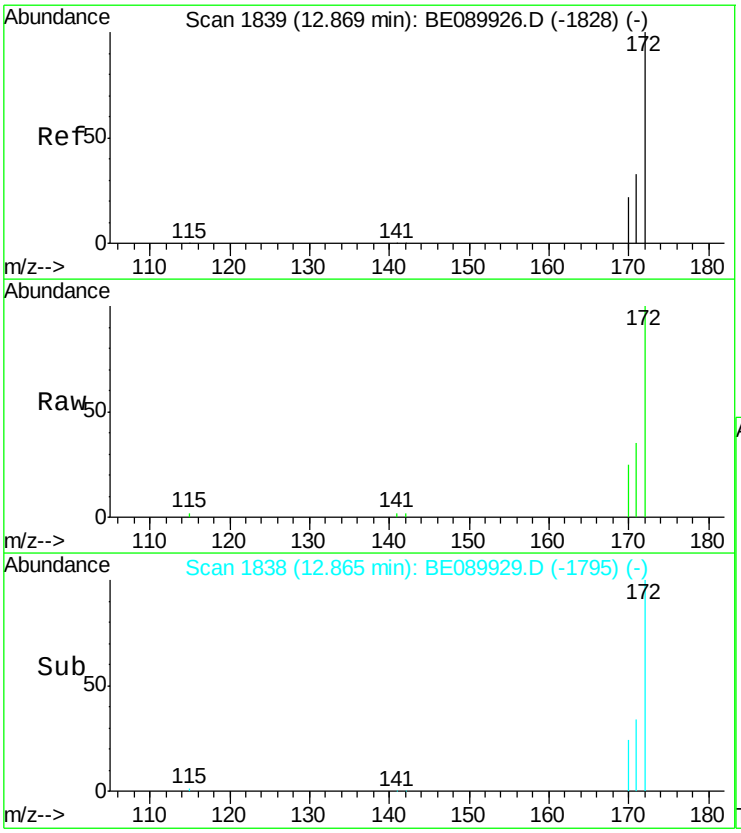
#13
2,4,6-Tribromophenol
Concen: 0.07 ng
RT: 15.74 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:330 Resp: 167

Ion	Ratio	Lower	Upper
330	100		
332	110.8	77.9	116.9
141	237.7	142.8	214.2#

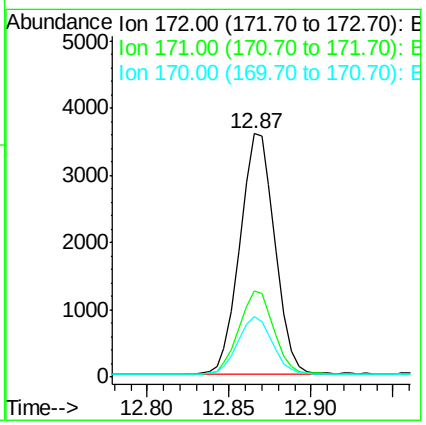


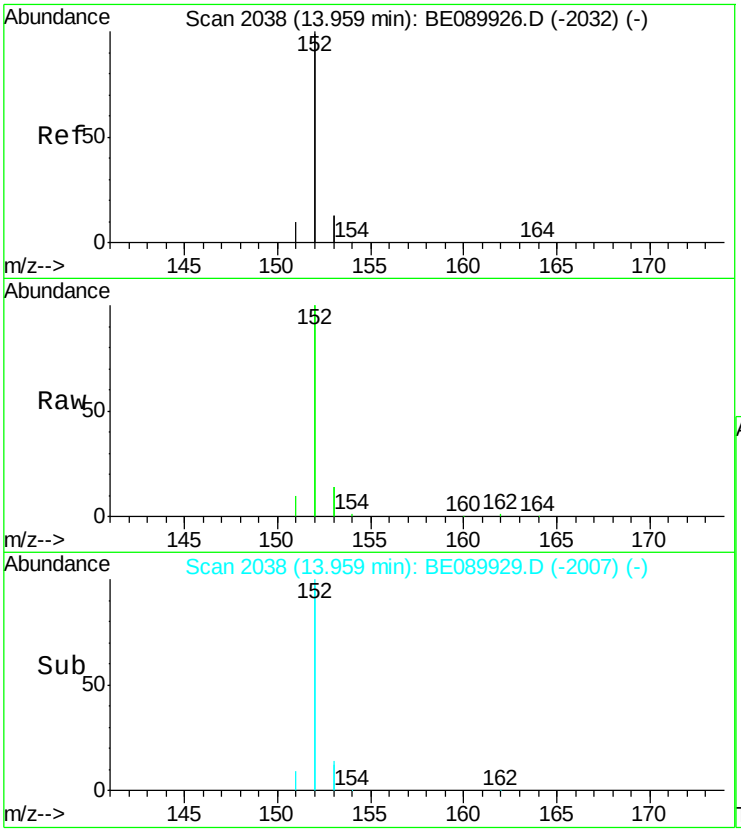


#14
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 12.87 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:172 Resp: 5278

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.7	40.1
170	24.7	17.5	26.3



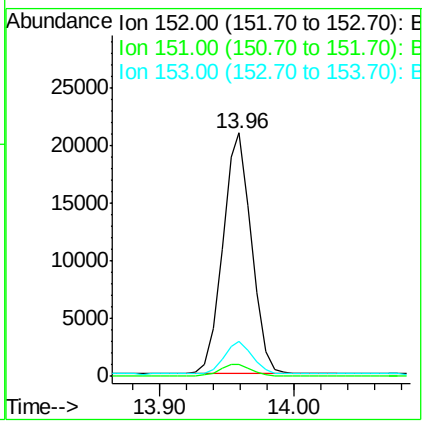


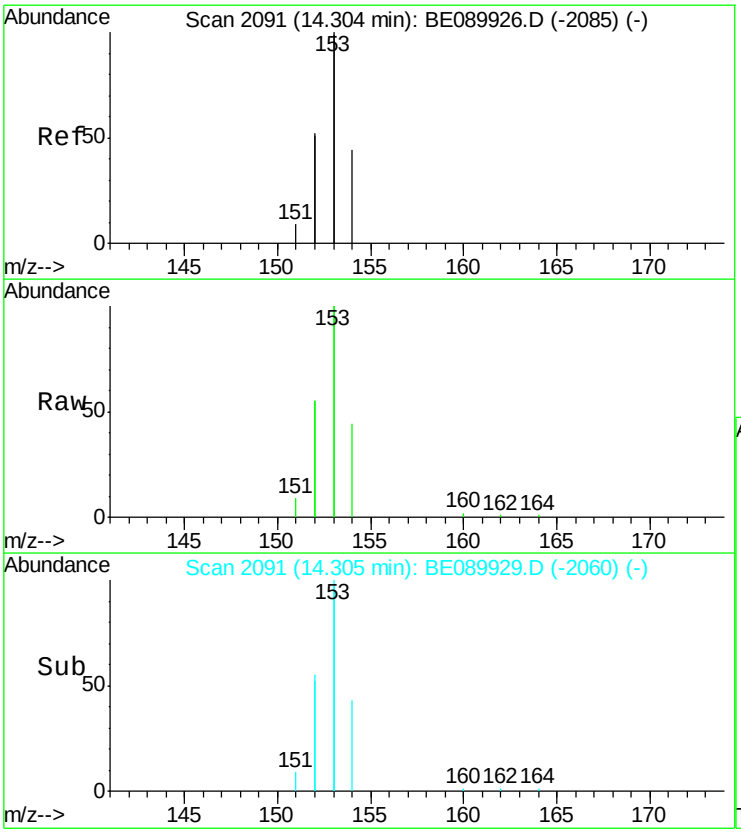
#15
Acenaphthylene
Concen: 0.58 ng
RT: 13.96 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 30946

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.1	10.4	15.6

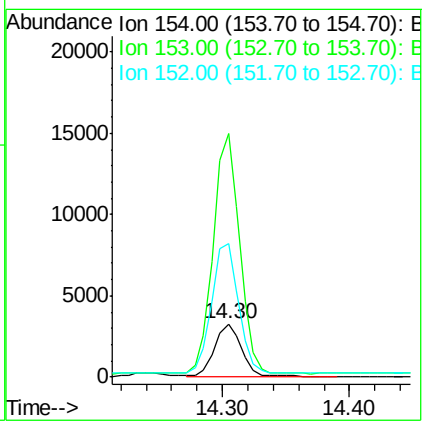


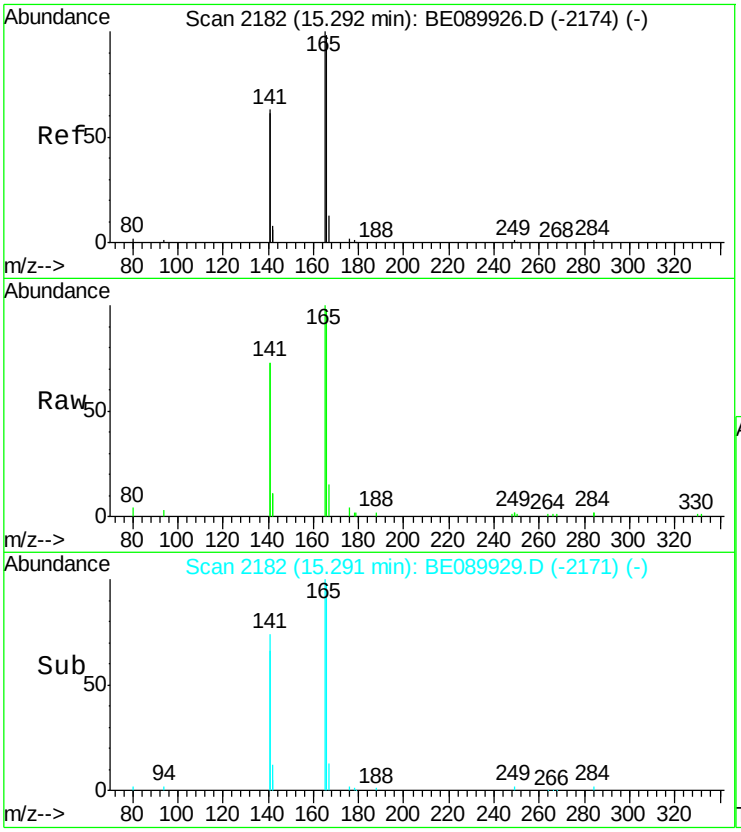


#16
Acenaphthene
Concen: 0.18 ng
RT: 14.30 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:154 Resp: 4618

Ion	Ratio	Lower	Upper
154	100		
153	458.9	362.8	544.2
152	254.2	194.6	291.8



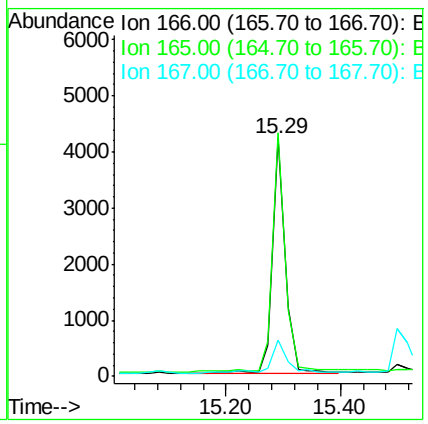


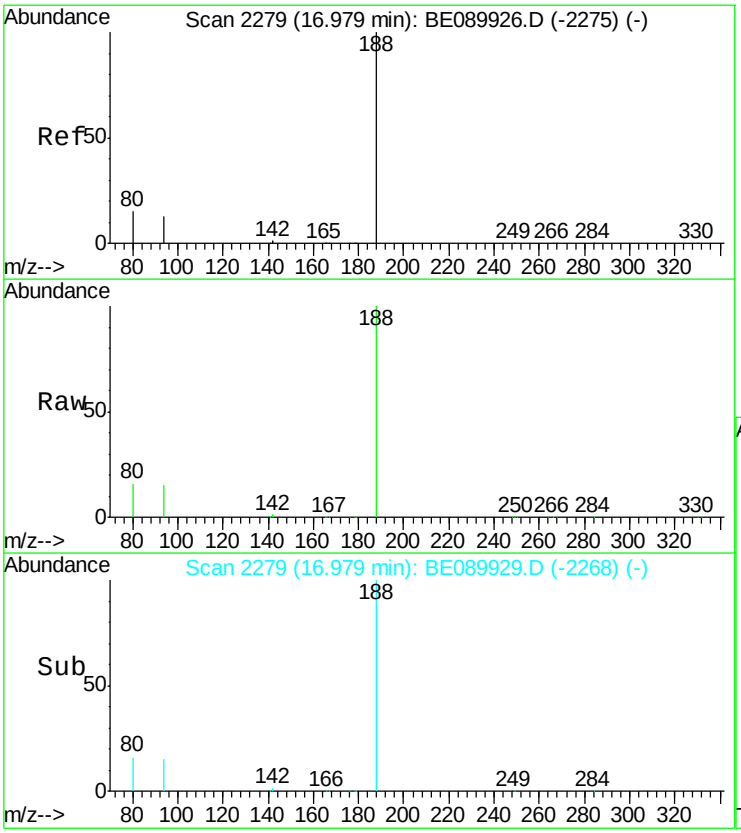
#17
Fluorene
Concen: 0.29 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:166 Resp: 6400

Ion	Ratio	Lower	Upper
166	100		
165	102.2	81.1	121.7
167	18.8	11.8	17.8#

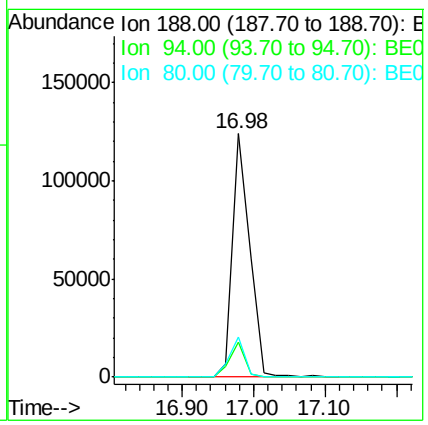


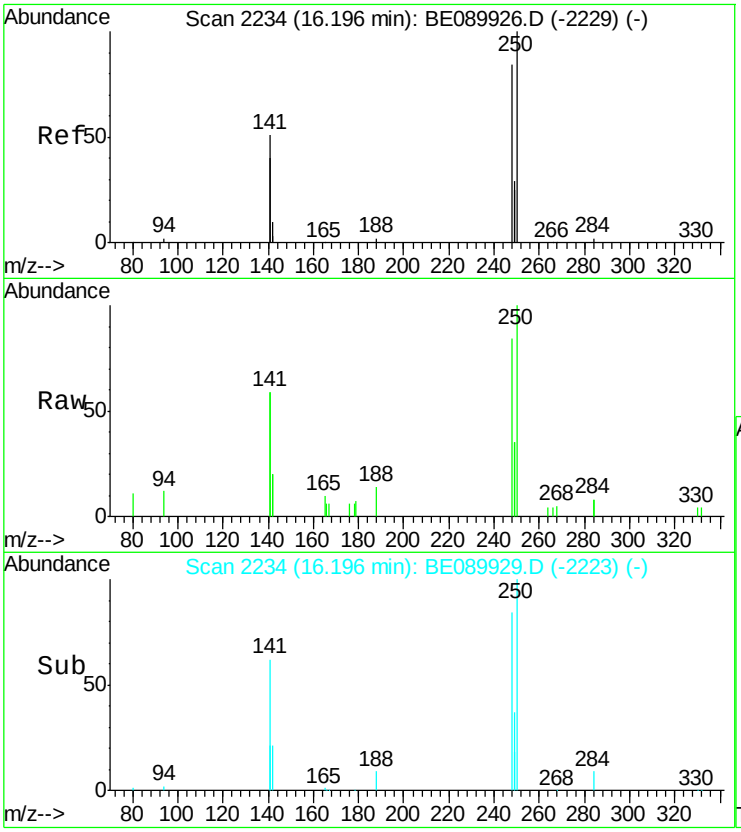


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:188 Resp: 204391

Ion	Ratio	Lower	Upper
188	100		
94	14.6	10.6	16.0
80	16.4	11.8	17.6



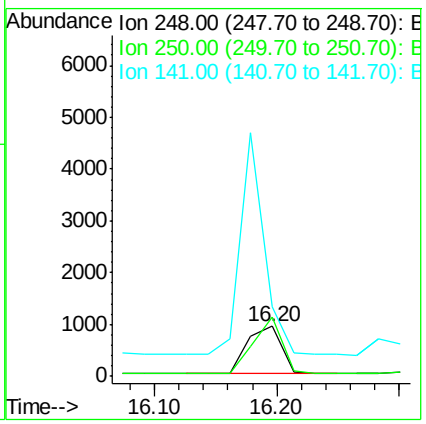


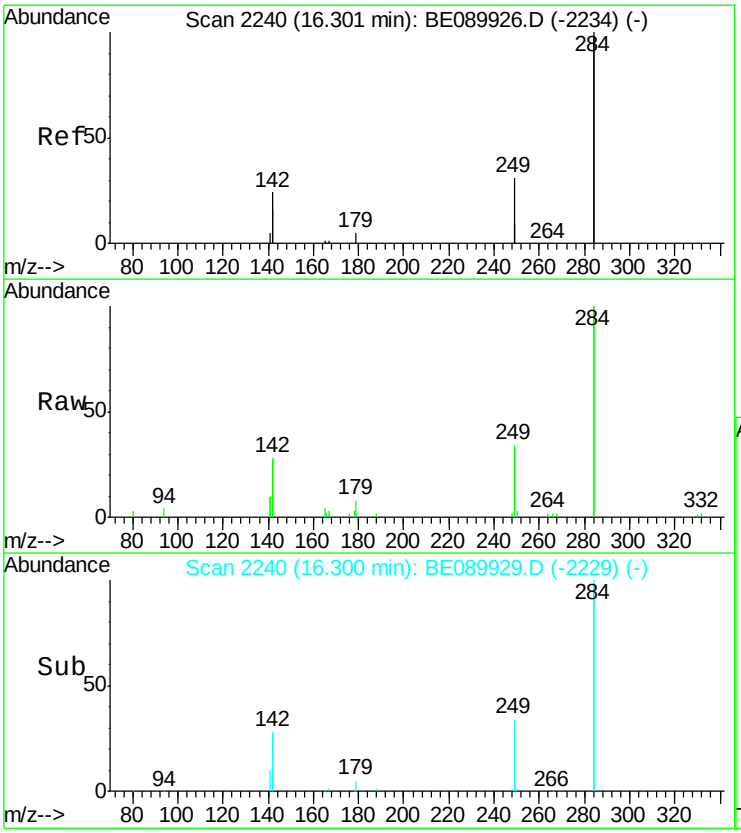
#19
4-Bromophenyl-phenylether
Concen: 0.21 ng
RT: 16.20 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 1769

Ion	Ratio	Lower	Upper
248	100		
250	99.2	79.3	118.9
141	328.3	274.1	411.1

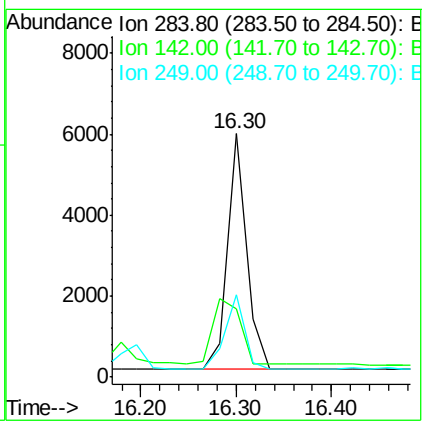


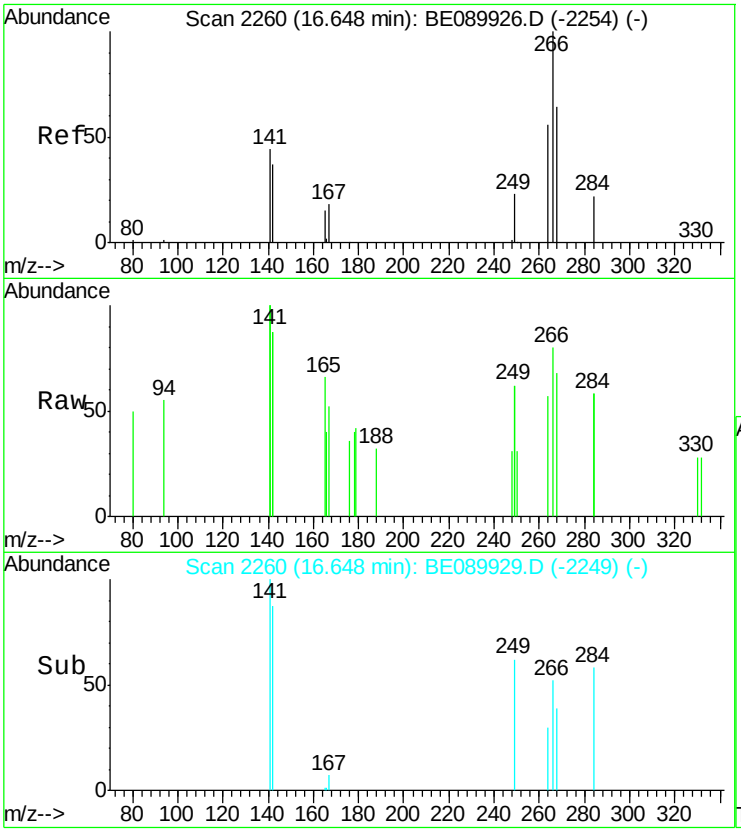


#20
Hexachlorobenzene
Concen: 0.84 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:284 Resp: 8142

Ion	Ratio	Lower	Upper
284	100		
142	39.6	32.0	48.0
249	32.2	25.0	37.6



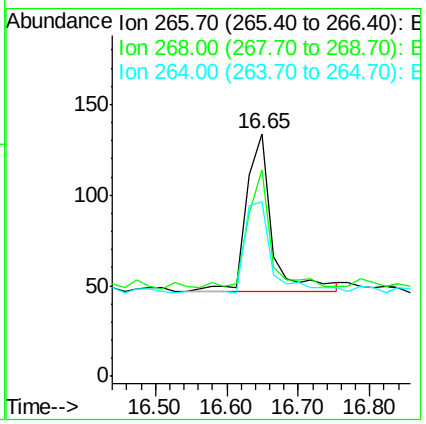


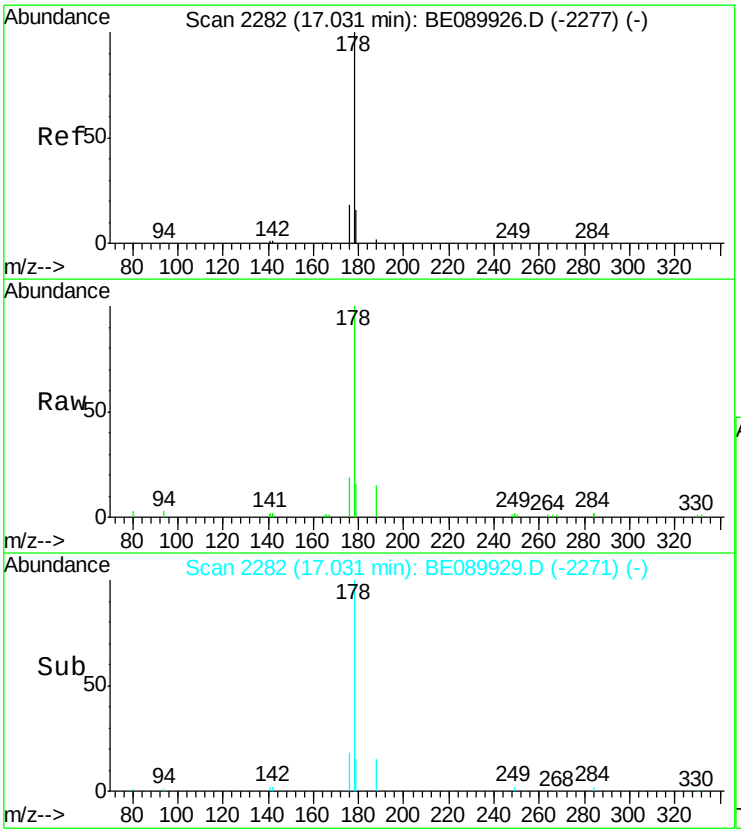
#21
Pentachlorophenol
Concen: 0.09 ng
RT: 16.65 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:266 Resp: 215

Ion	Ratio	Lower	Upper
266	100		
268	85.1	54.4	81.6#
264	71.6	48.2	72.2

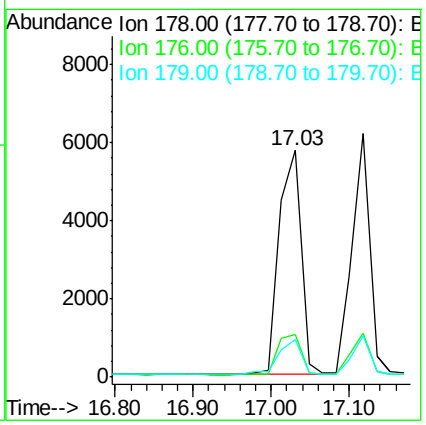


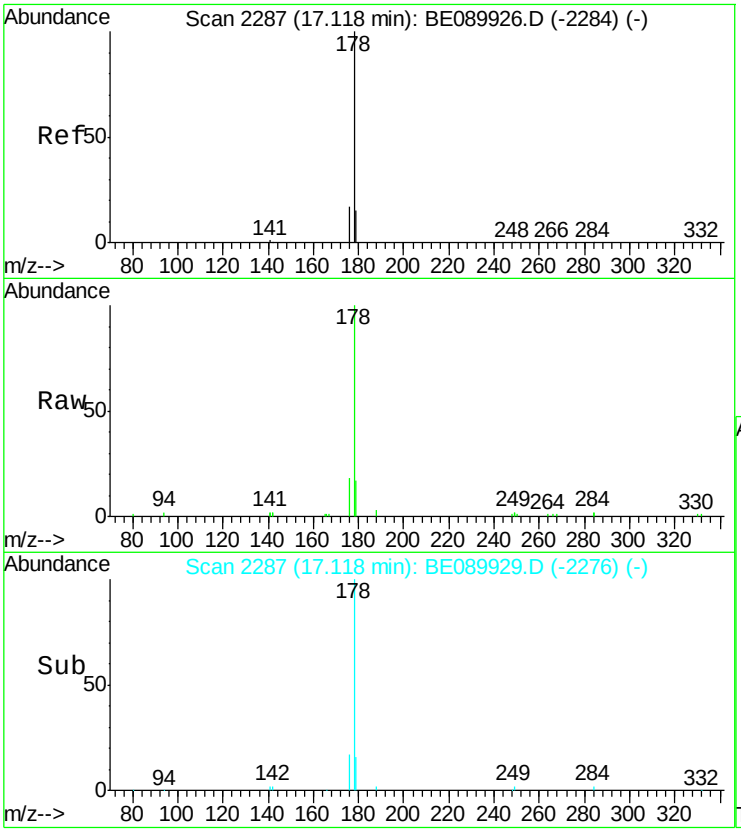


#22
Phenanthrene
Concen: 0.17 ng
RT: 17.03 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:178 Resp: 11276

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.1	12.6	19.0



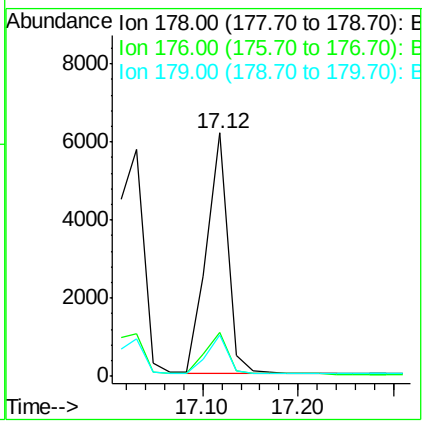


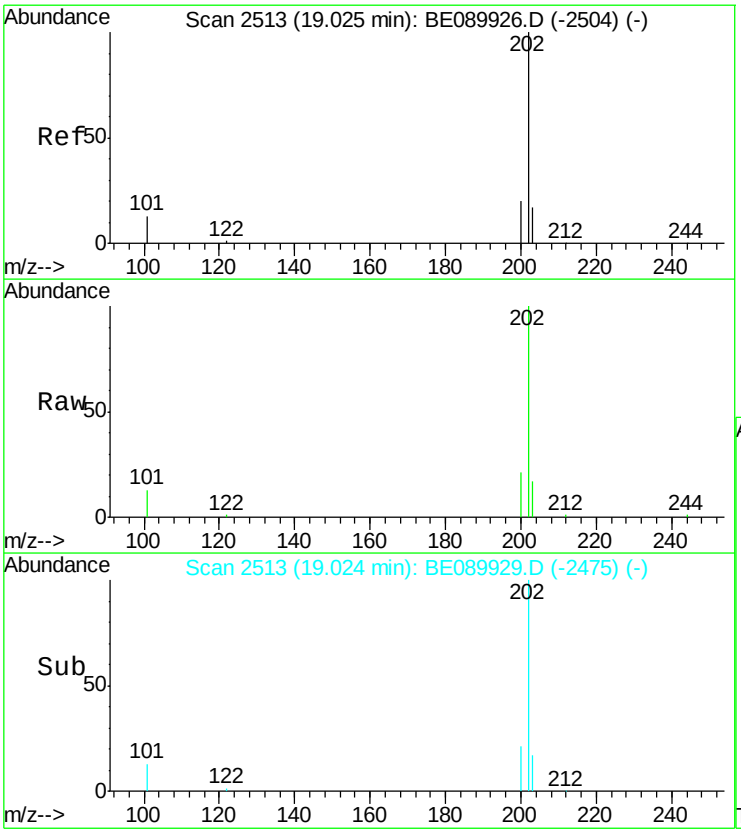
#23
Anthracene
Concen: 0.31 ng
RT: 17.12 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 9679

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	16.1	12.3	18.5

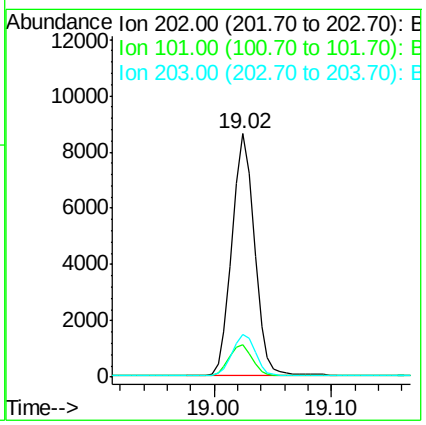


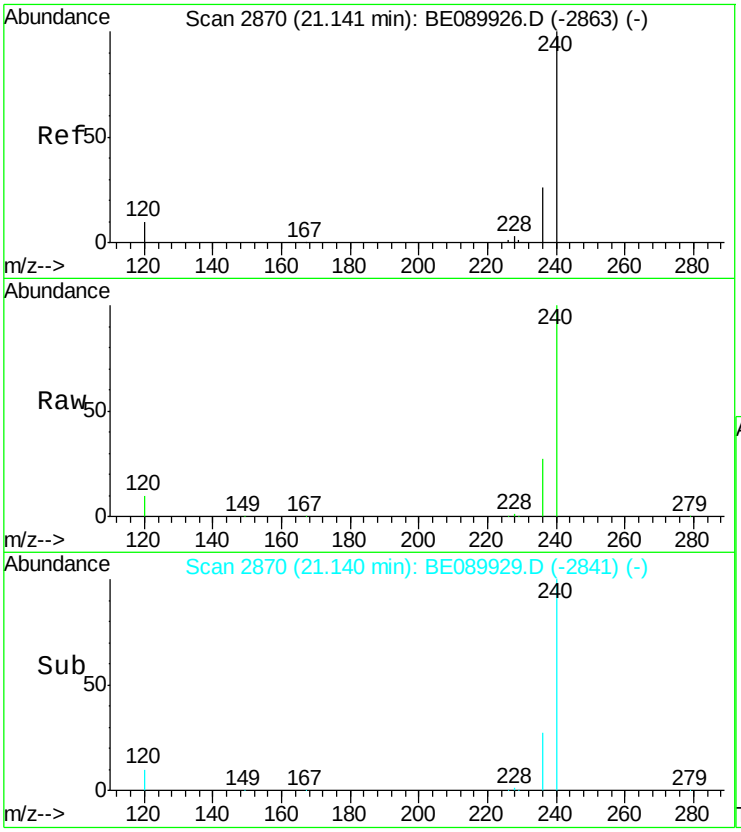


#24
Fluoranthene
Concen: 0.25 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:202 Resp: 11476

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	16.0
203	17.5	13.8	20.8



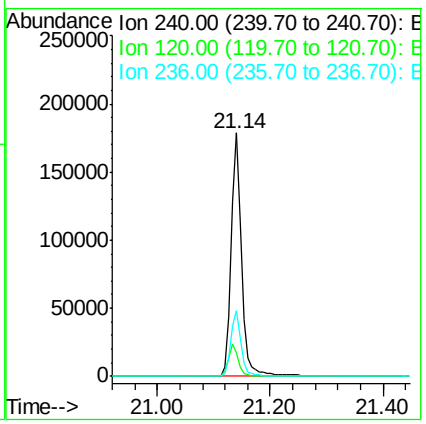


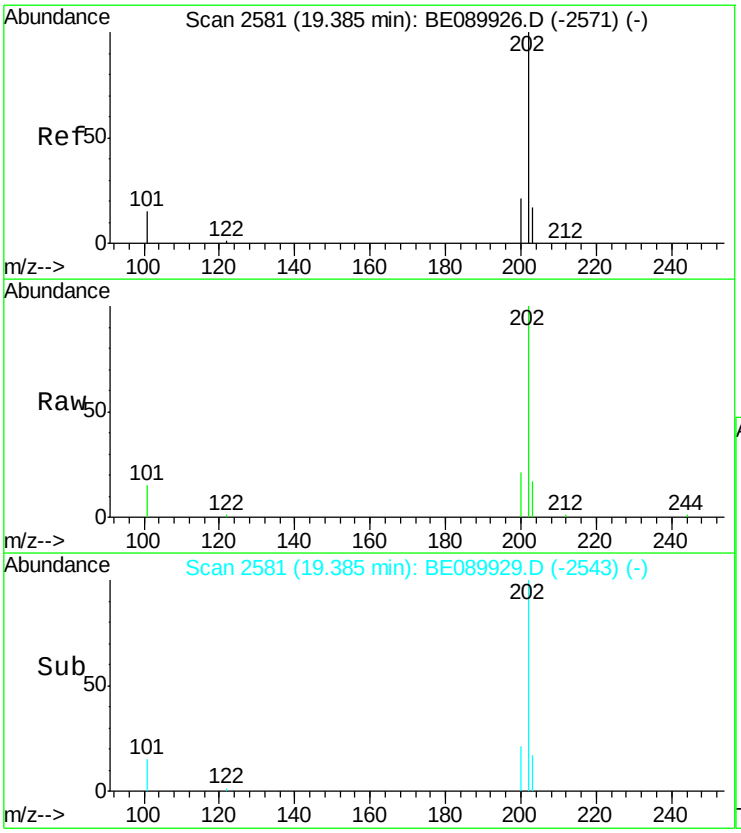
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 227856

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.9	11.9
236	26.8	21.2	31.8

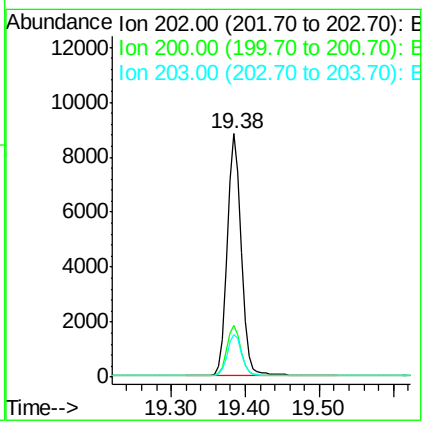


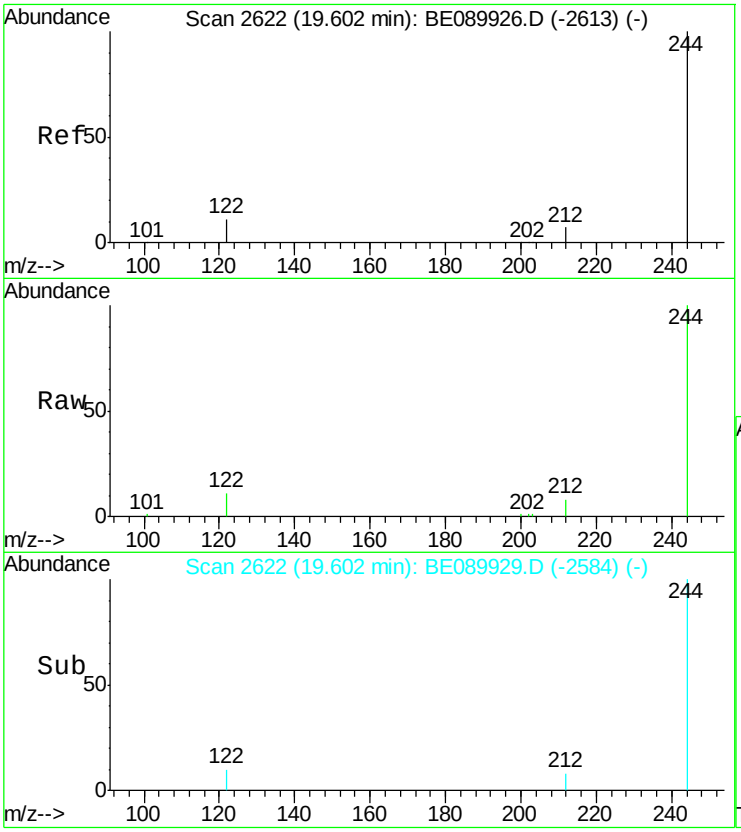


#26
Pyrene
Concen: 0.15 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:202 Resp: 11806

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.4	13.9	20.9



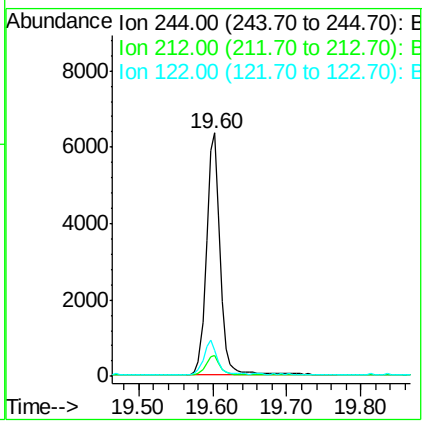


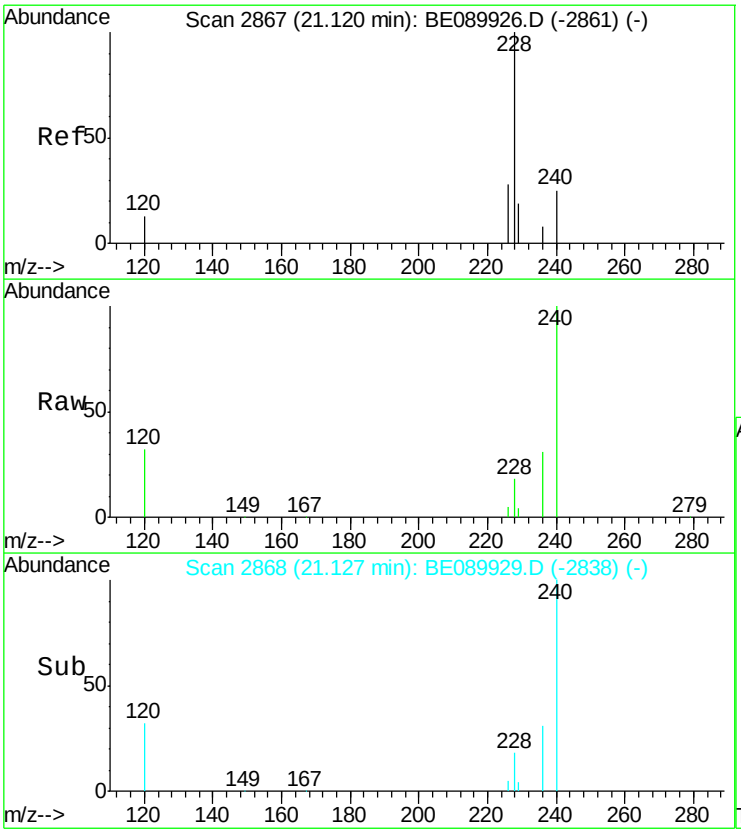
#27
Terphenyl-d14
Concen: 0.24 ng
RT: 19.60 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 8075

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.1	9.1
122	10.9	8.7	13.1

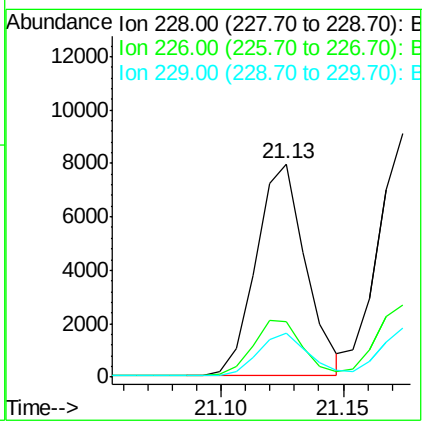


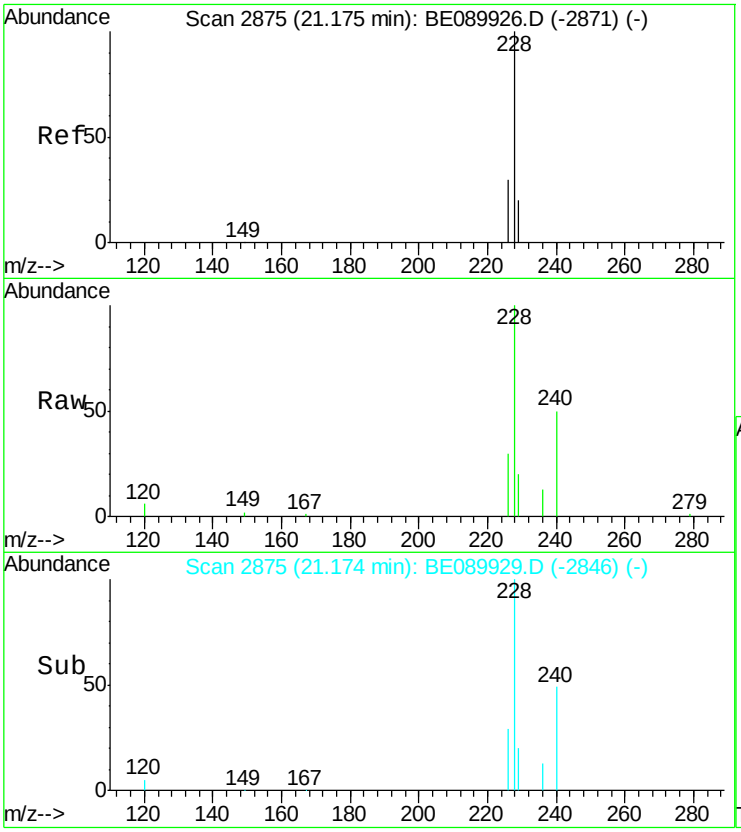


#28
Benzo(a)anthracene
Concen: 0.17 ng
RT: 21.13 min Scan# 2868
Delta R.T. 0.01 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:228 Resp: 11171

Ion	Ratio	Lower	Upper
228	100		
226	25.8	22.2	33.4
229	20.8	15.3	22.9



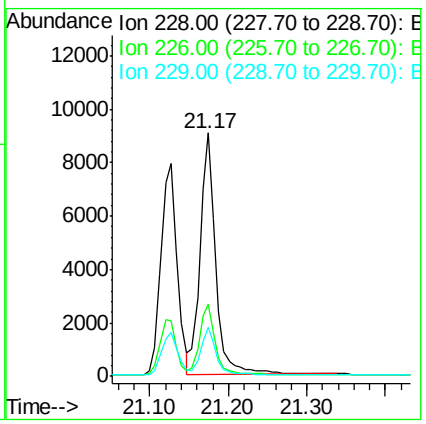


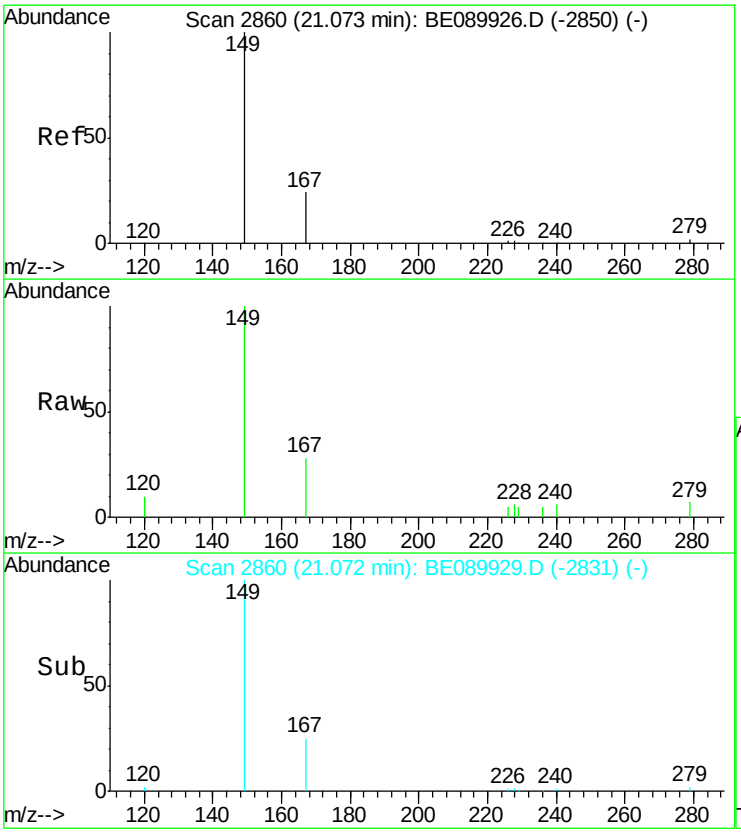
#29
Chrysene
Concen: 0.18 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 12668

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	20.2	15.8	23.8

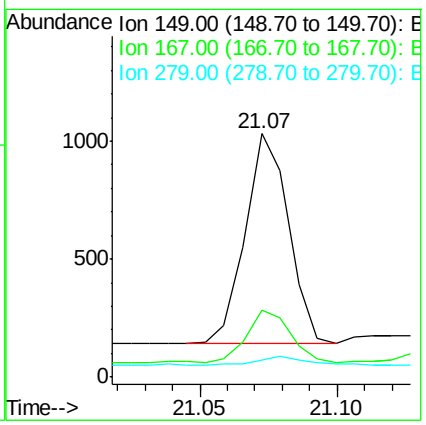


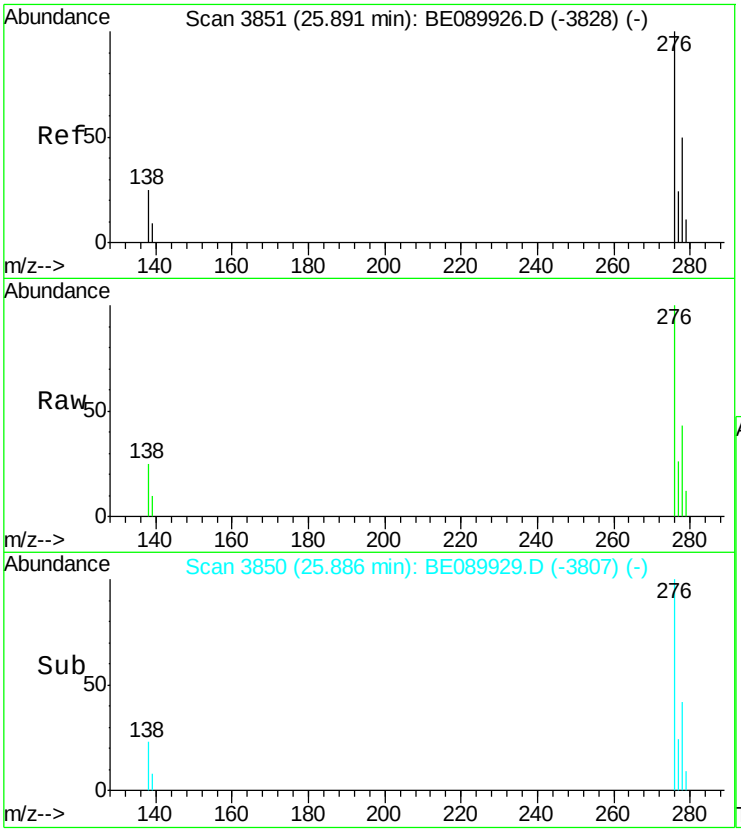


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:149 Resp: 971

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.3	30.5
279	4.7	2.7	4.1#



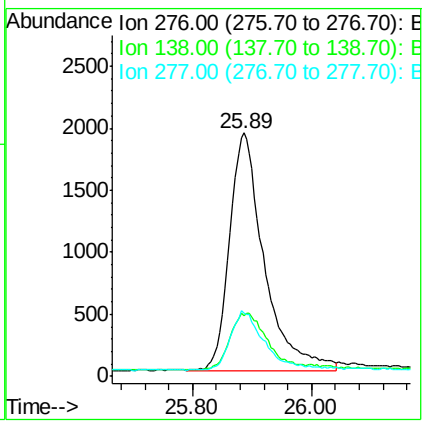


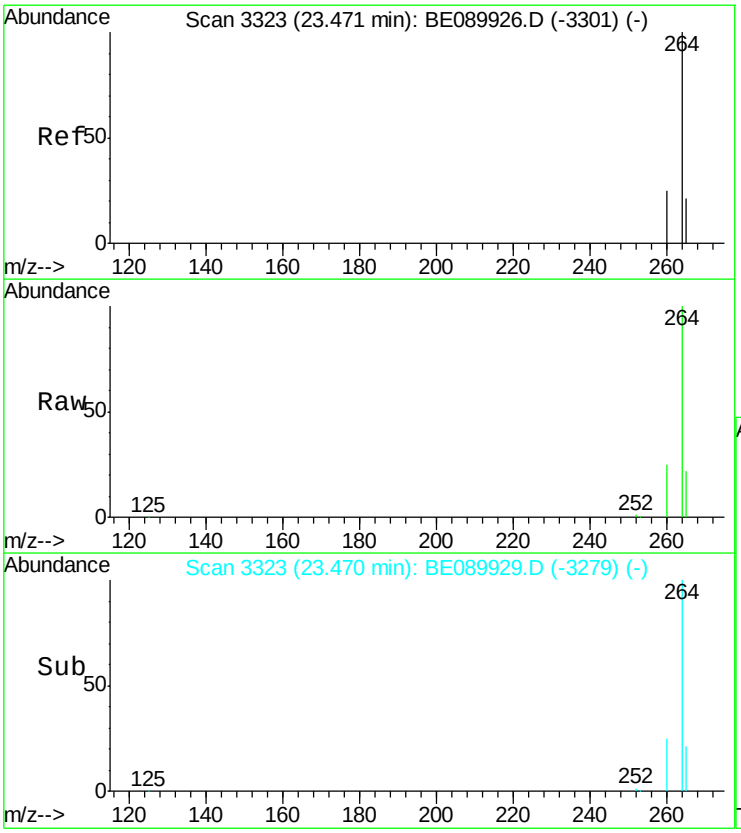
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 25.89 min Scan# 3850
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 7750

Ion	Ratio	Lower	Upper
276	100		
138	25.7	0.0	0.0#
277	24.3	0.0	0.0#

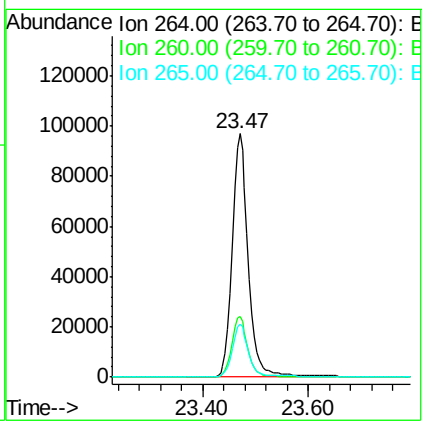


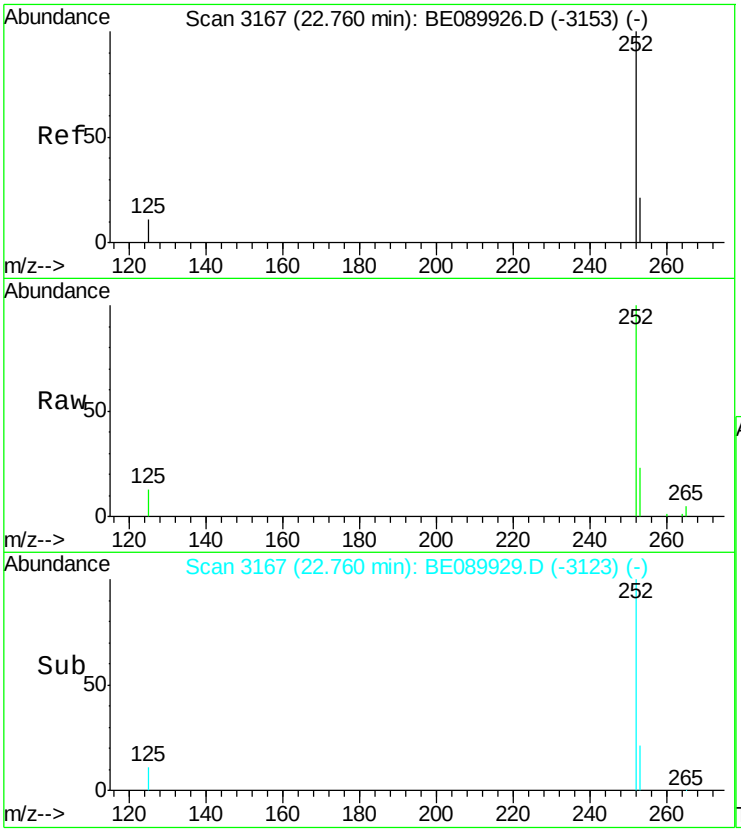


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:264 Resp: 203078

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	21.7	17.3	25.9



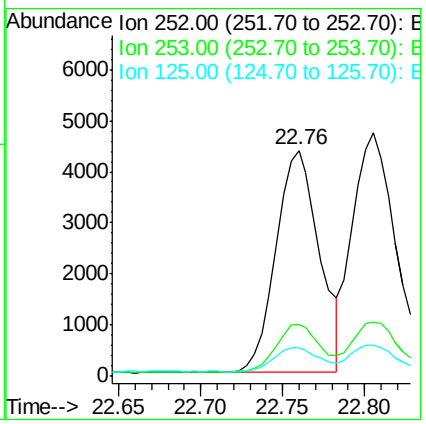


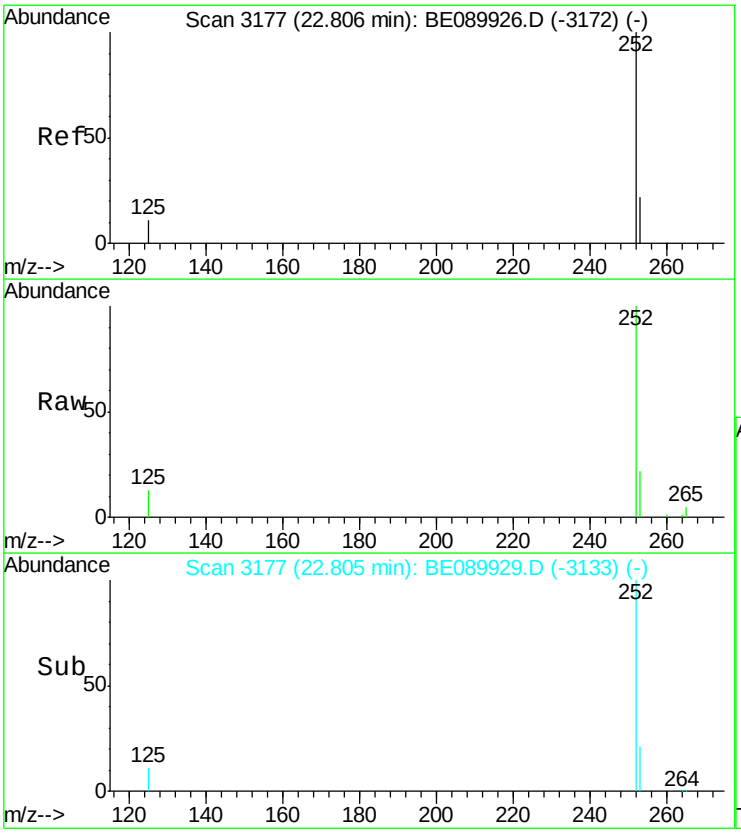
#33
Benzo(b)fluoranthene
Concen: 0.13 ng
RT: 22.76 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 8073

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	12.7	9.3	13.9

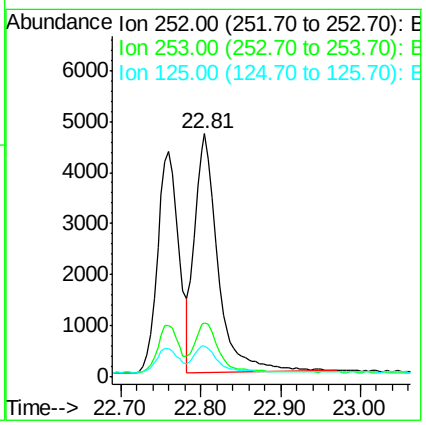


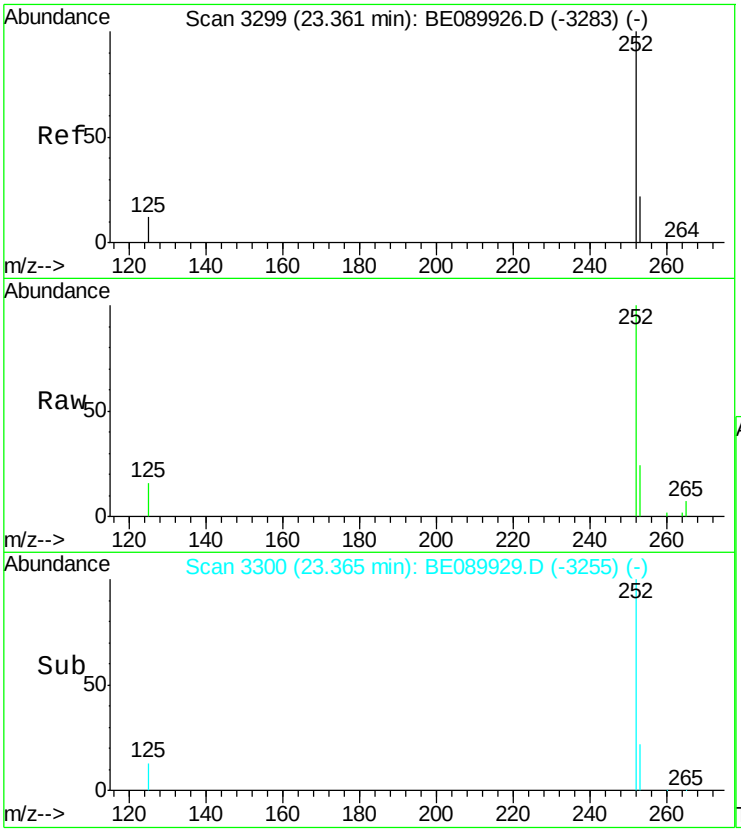


#34
Benzo(k)fluoranthene
Concen: 0.16 ng
RT: 22.81 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:252 Resp: 9495

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.6	9.2	13.8



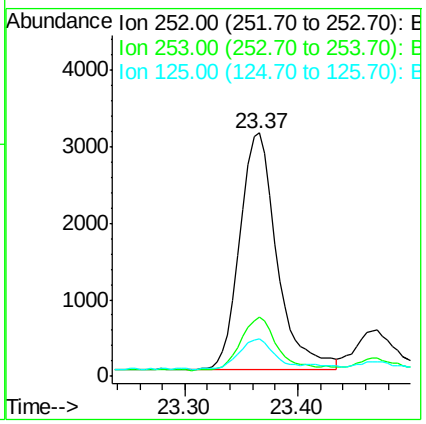


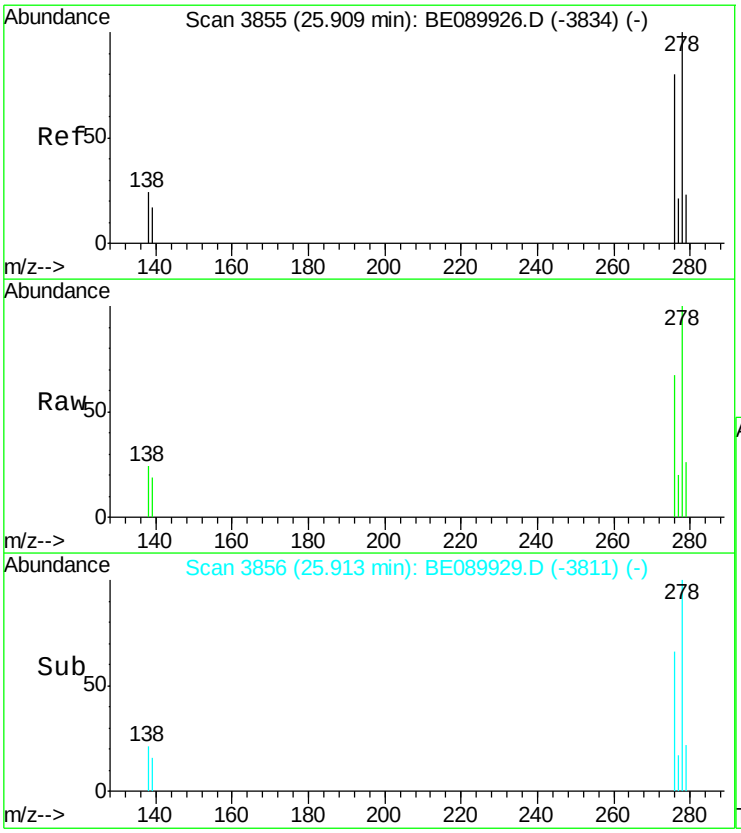
#35
Benzo(a)pyrene
Concen: 0.13 ng
RT: 23.37 min Scan# 3300
Delta R.T. 0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 6880

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	15.5	10.3	15.5#

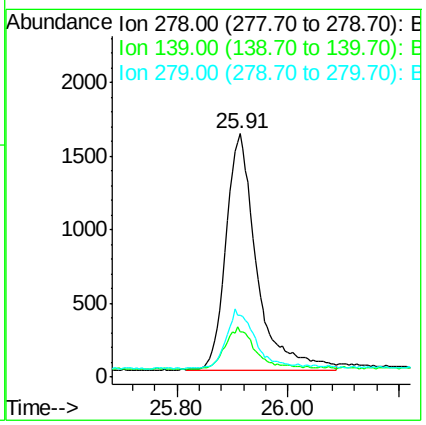


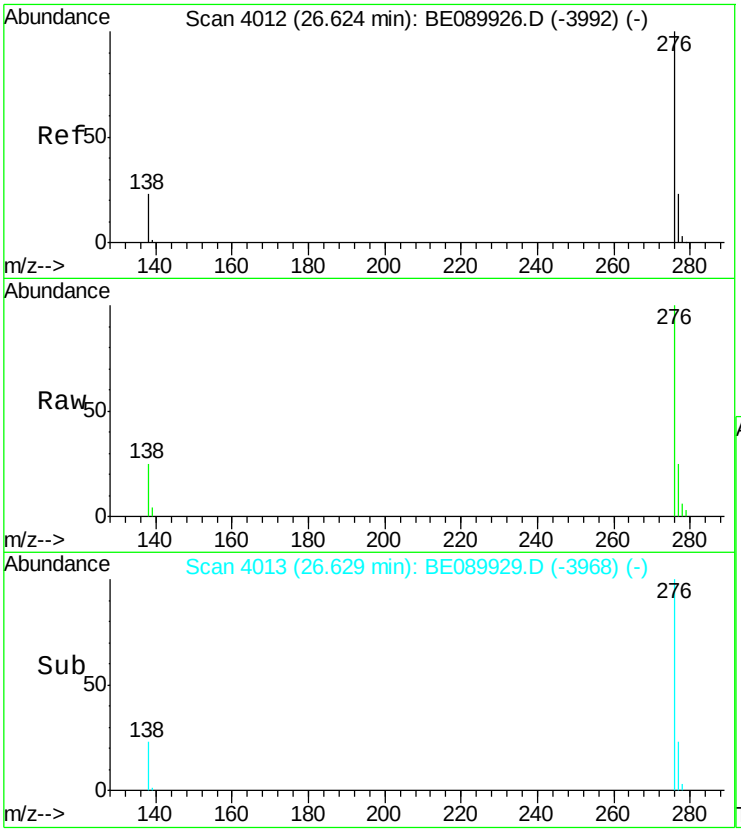


#36
Dibenzo(a,h)anthracene
Concen: 0.12 ng
RT: 25.91 min Scan# 3856
Delta R.T. 0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Tgt Ion:278 Resp: 6129

Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.1	21.1
279	25.6	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 0.13 ng
RT: 26.63 min Scan# 4013
Delta R.T. 0.00 min
Lab File: BE089929.D
Acq: 24 Jun 2015 00:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 7061

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.4
138	25.4	18.8	28.2