Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089949.D
Acq On : 26 Jun 2015 18:58
Operator : TP/IZ
Sample : G2782-32MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X1SS0610204-150624MSD

Quant Time: Jun 27 01:00:34 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	23867	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	110010	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	67948	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	164122	5.00	ng		0.00
25) Chrysene-d12	21.13	240	185177	5.00	ng		0.00
32) Perylene-d12	23.47	264	163089	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	59222	13.74	ng		0.00
5) Phenol-d6	6.81	99	97338	14.74	ng		0.00
7) Nitrobenzene-d5	8.77	82	72622	8.87	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	18009	14.75	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	162504	8.21	ng		0.00
27) Terphenyl-d14	19.60	244	259925	8.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	11307	3.96	ng		99
3) n-Nitrosodimethylamine	3.54	42	17931	4.18	ng	#	98
8) Nitrobenzene	8.81	77	40230	4.62	ng		96
9) Naphthalene	10.44	128	103181	4.22	ng		100
10) Hexachlorobutadiene	10.74	225	15776	4.08	ng		99
11) 2-Methylnaphthalene	12.05	142	72425	4.33	ng		98
15) Acenaphthylene	13.96	152	509516	4.28	ng		100
16) Acenaphthene	14.30	154	75587	4.32	ng		97
17) Fluorene	15.29	166	104153	4.76	ng		97
19) 4-Bromophenyl-phenylether	16.18	248	29158	4.36	ng		95
20) Hexachlorobenzene	16.30	284	125792	4.29	ng		98
21) Pentachlorophenol	16.63	266	14664	9.05	ng		89
22) Phenanthrene	17.01	178	170758	4.15	ng		99
23) Anthracene	17.12	178	170075	4.45	ng		99
24) Fluoranthene	19.03	202	200193	4.48	ng		100
26) Pyrene	19.38	202	214252	4.57	ng		99
28) Benzo(a)anthracene	21.12	228	200859	4.54	ng		98
29) Chrysene	21.17	228	205676	4.25	ng		98
30) Bis(2-ethylhexyl)phthalate	21.07	149	32067	8.50	ng		99
31) Indeno(1,2,3-cd)pyrene	25.88	276	185084	5.21	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	171108	4.96	ng		99
34) Benzo(k)fluoranthene	22.80	252	186383	4.77	ng		99
35) Benzo(a)pyrene	23.36	252	162579	5.30	ng		100
36) Dibenzo(a,h)anthracene	25.90	278	151246	5.30	ng		100
37) Benzo(g,h,i)perylene	26.62	276	157325	5.13	ng		100

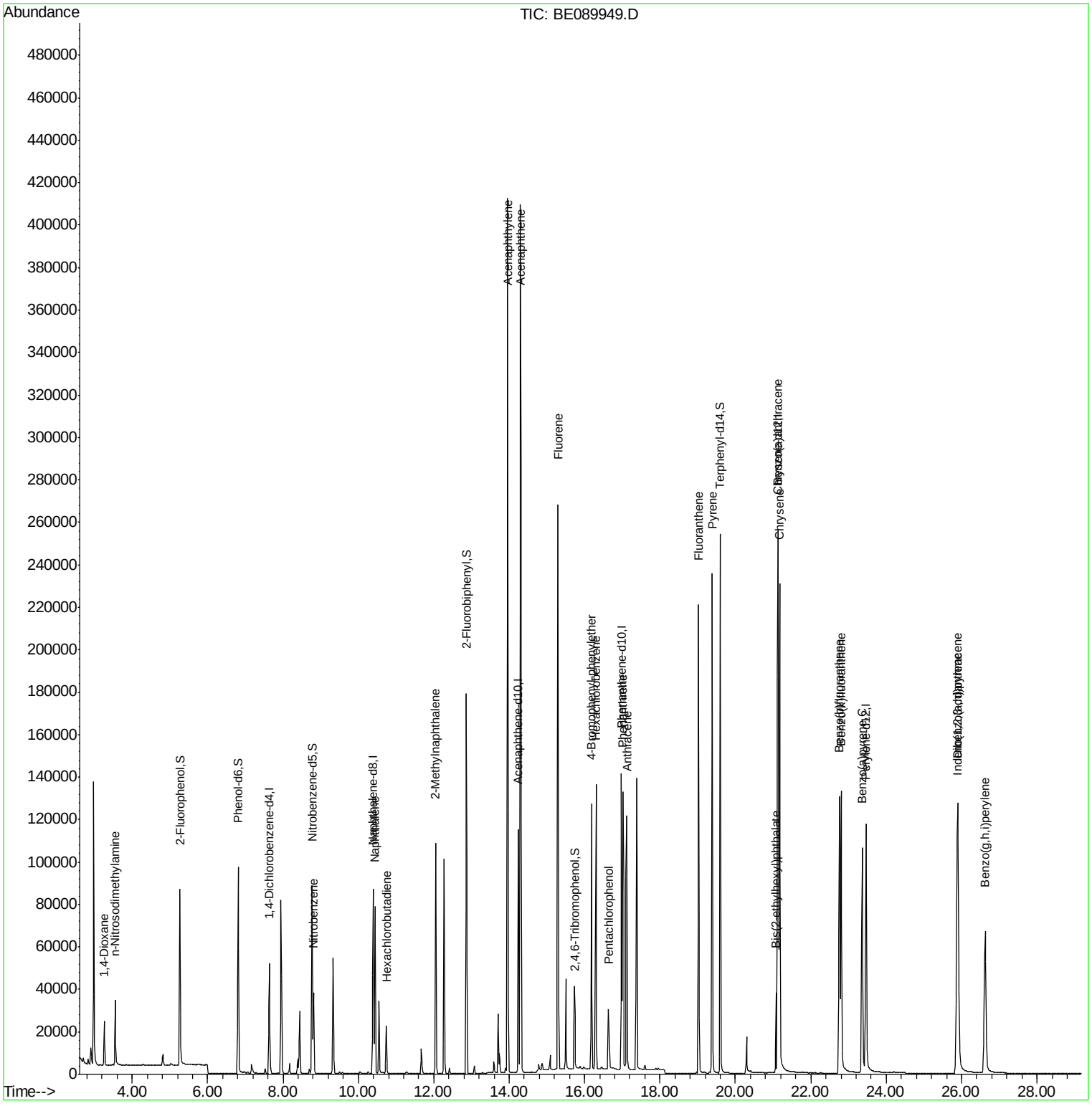
(#) = qualifier out of range (m) = manual integration (+) = signals summed

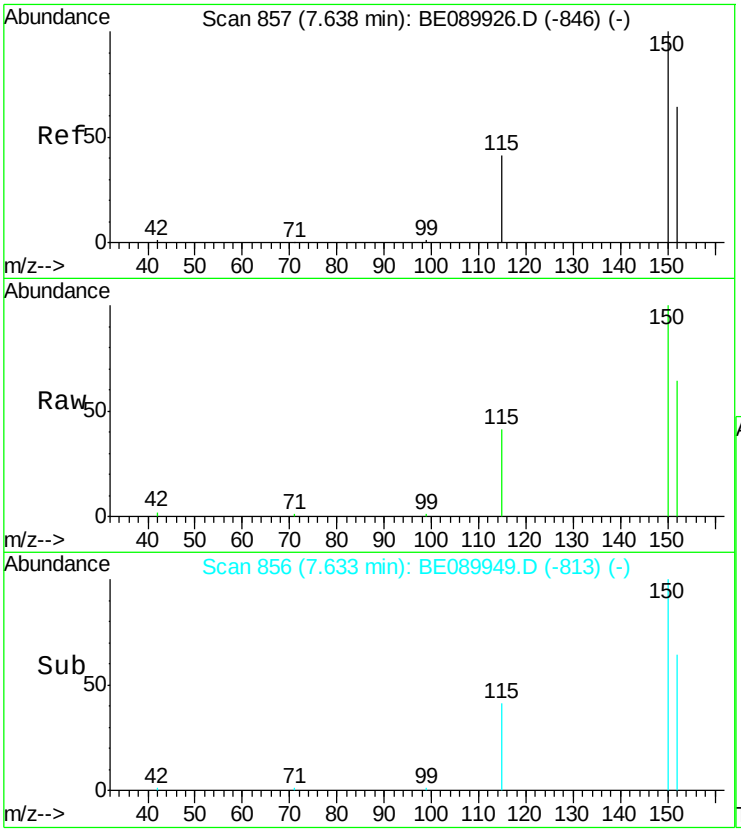
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089949.D
Acq On : 26 Jun 2015 18:58
Operator : TP/IZ
Sample : G2782-32MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Quant Time: Jun 27 01:00:34 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration



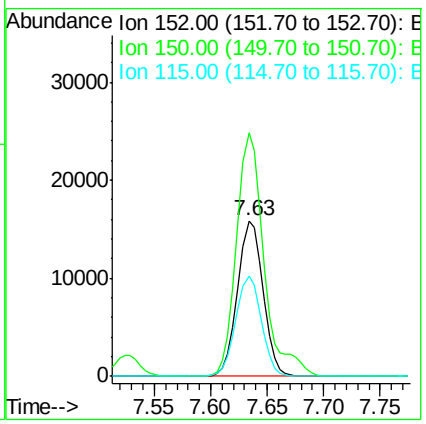


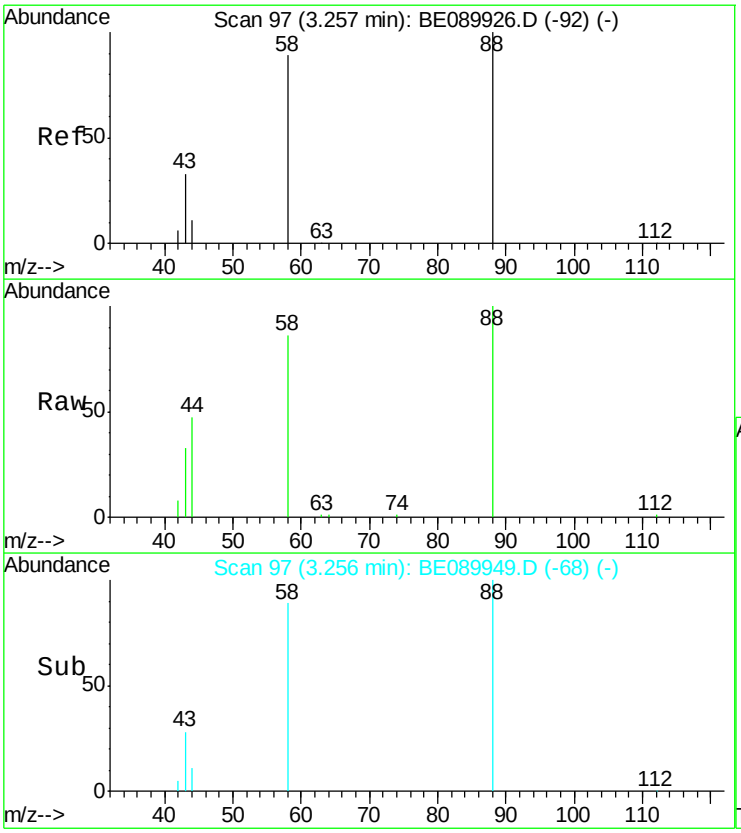
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:152 Resp: 23867

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	64.6	51.6	77.4

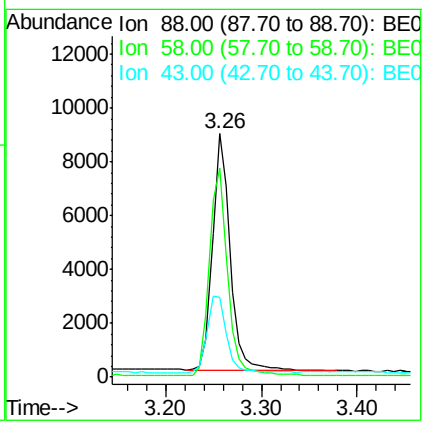


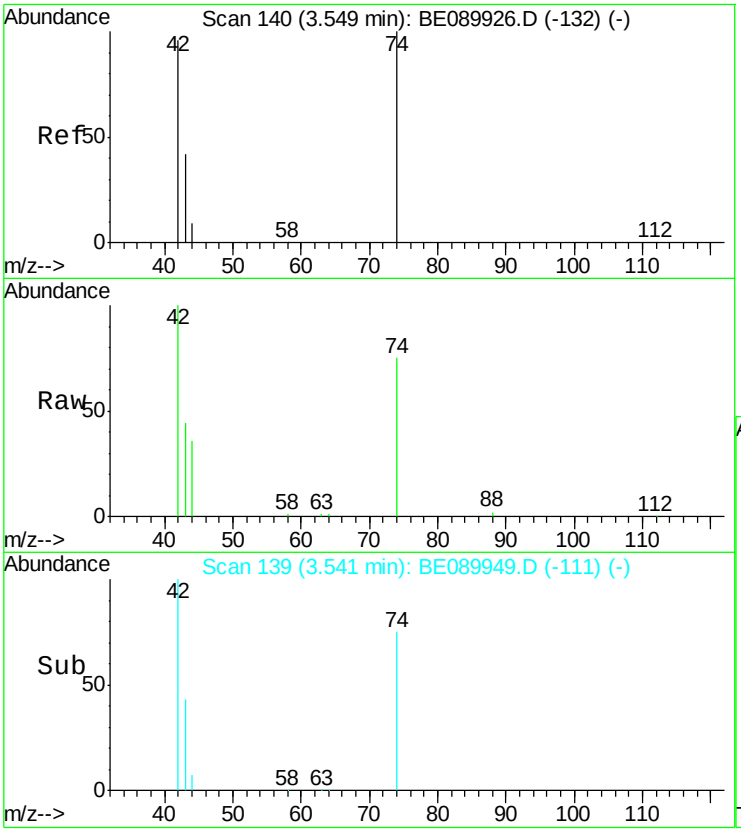


#2
1,4-Dioxane
Concen: 3.96 ng
RT: 3.26 min Scan# 97
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion: 88 Resp: 11307

Ion	Ratio	Lower	Upper
88	100		
58	88.3	70.8	106.2
43	34.8	26.8	40.2



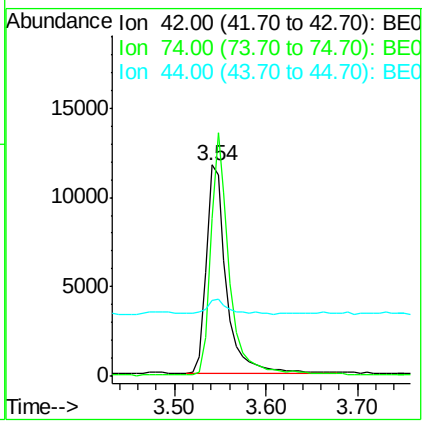


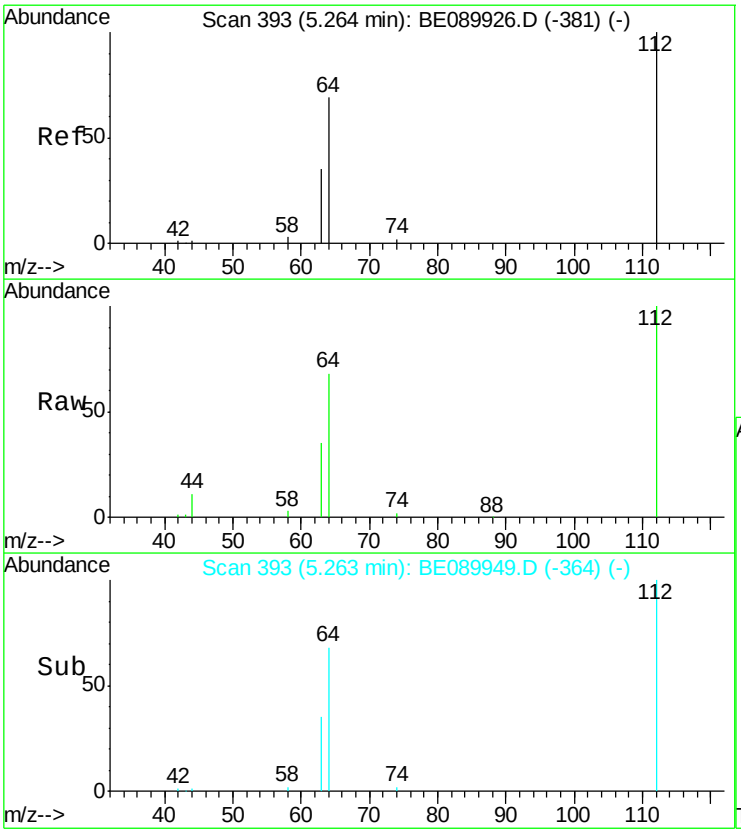
#3
n-Nitrosodimethylamine
Concen: 4.18 ng
RT: 3.54 min Scan# 139
Delta R.T. -0.01 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion: 42 Resp: 17931

Ion	Ratio	Lower	Upper
42	100		
74	108.5	85.4	128.2
44	7.8	8.4	12.6#

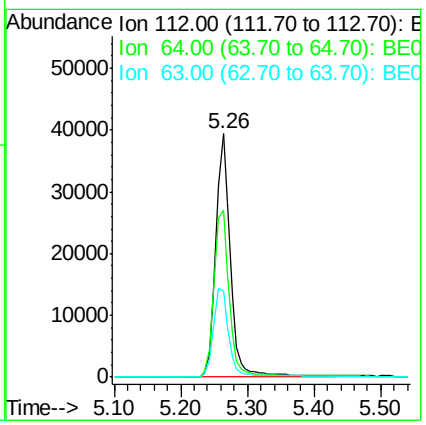


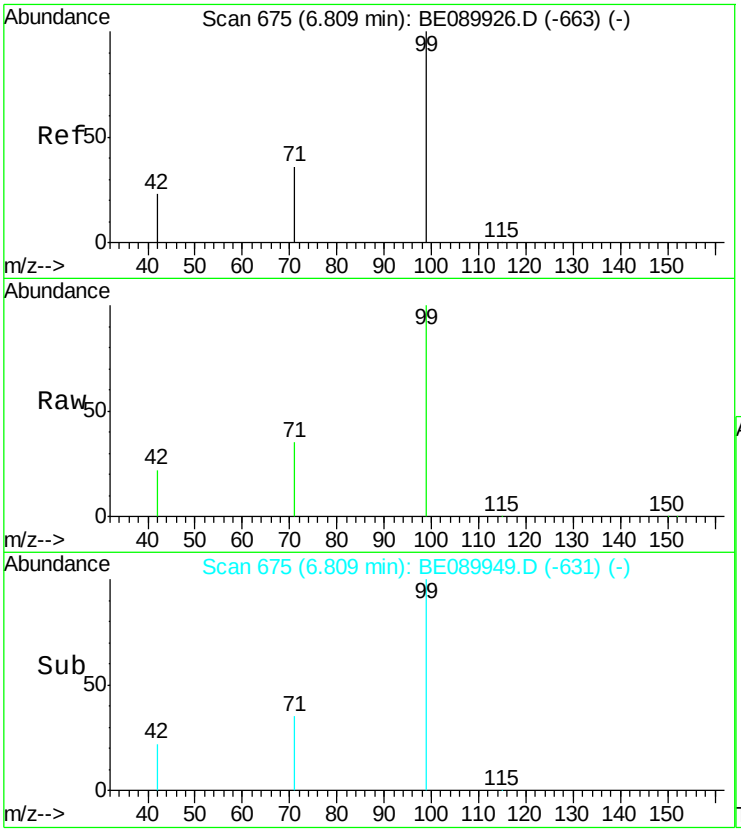


#4
2-Fluorophenol
Concen: 13.74 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:112 Resp: 59222

Ion	Ratio	Lower	Upper
112	100		
64	72.0	57.4	86.2
63	38.1	31.2	46.8



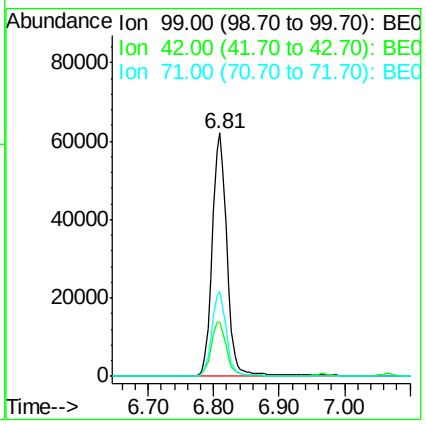


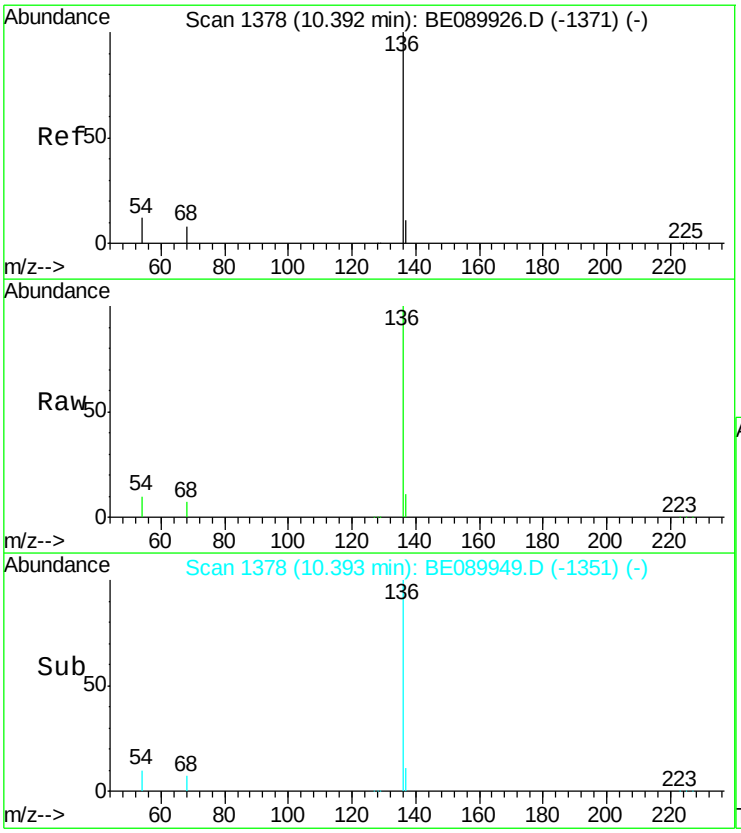
#5
Phenol-d6
Concen: 14.74 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion: 99 Resp: 97338

Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.5	29.3
71	34.6	27.8	41.6

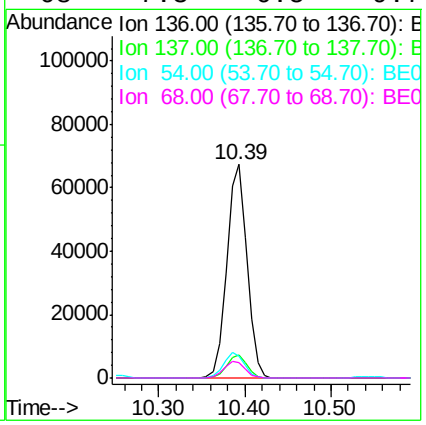


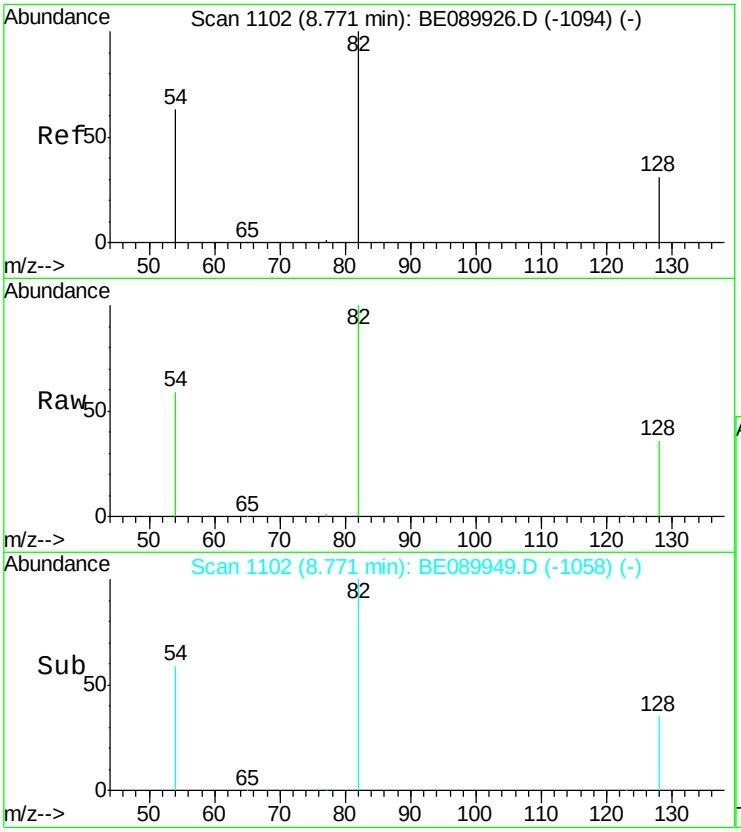


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:136 Resp: 110010

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.3	9.7	14.5
68	7.3	6.5	9.7



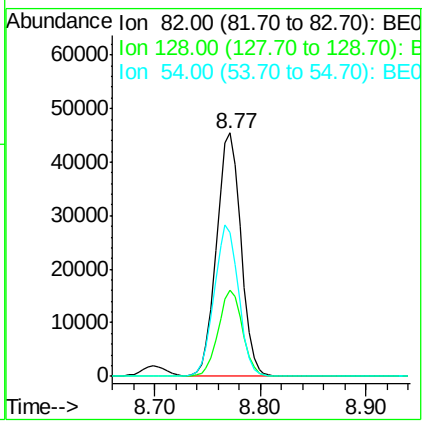


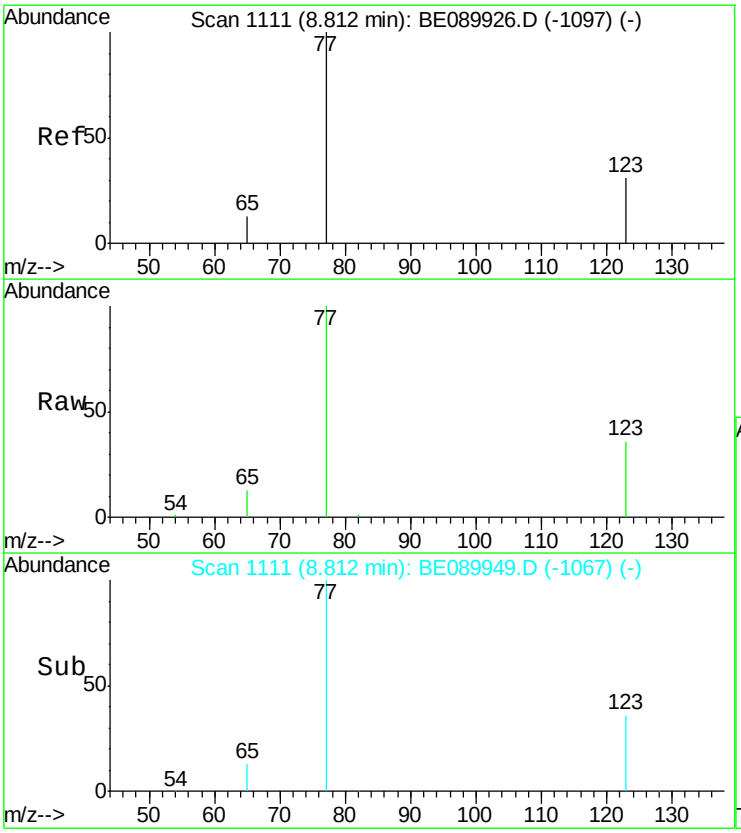
#7
Nitrobenzene-d5
Concen: 8.87 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion: 82 Resp: 72622

Ion	Ratio	Lower	Upper
82	100		
128	35.5	25.6	38.4
54	59.1	51.2	76.8

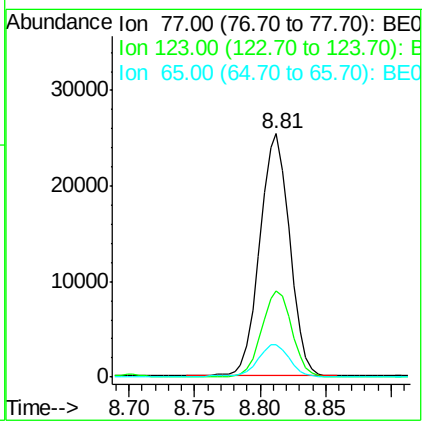


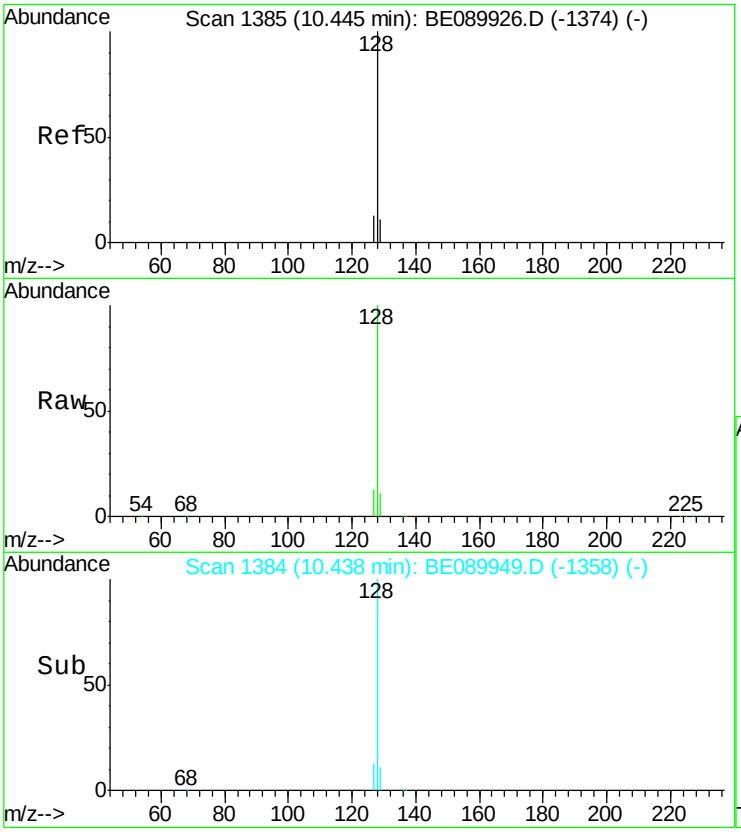


#8
Nitrobenzene
Concen: 4.62 ng
RT: 8.81 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion: 77 Resp: 40230

Ion	Ratio	Lower	Upper
77	100		
123	35.7	26.6	39.8
65	13.5	10.2	15.4



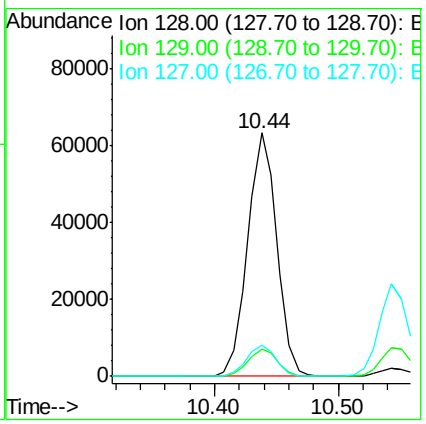


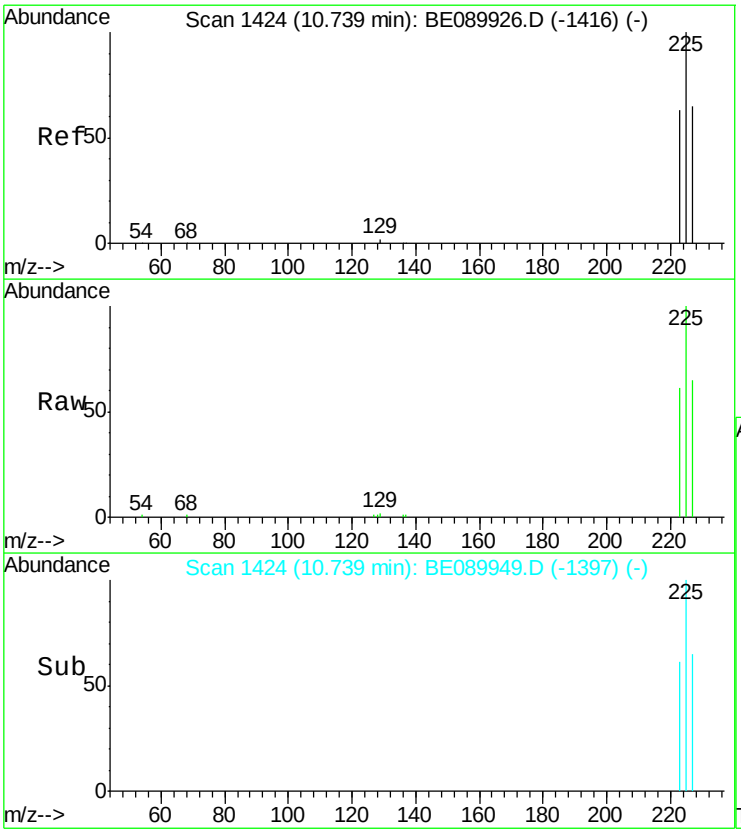
#9
Naphthalene
Concen: 4.22 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:128 Resp: 103181

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.0	10.2	15.4

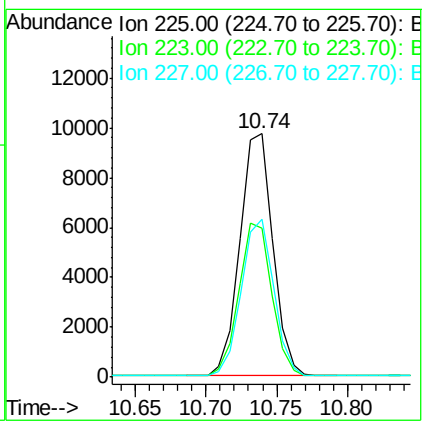


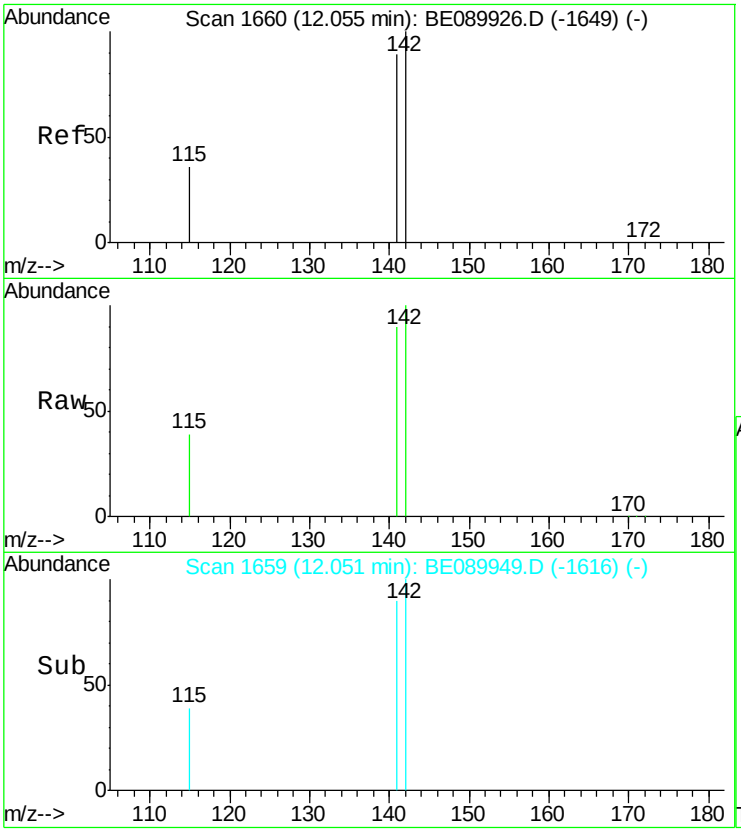


#10
Hexachlorobutadiene
Concen: 4.08 ng
RT: 10.74 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:225 Resp: 15776

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.0	75.0
227	63.8	50.7	76.1



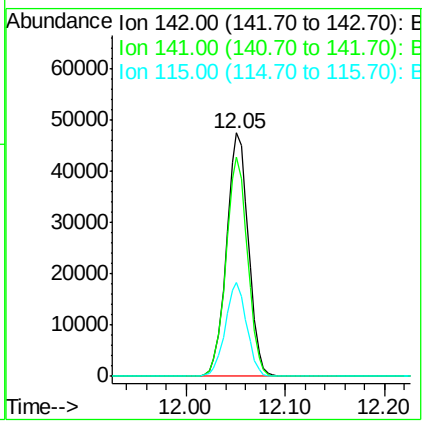


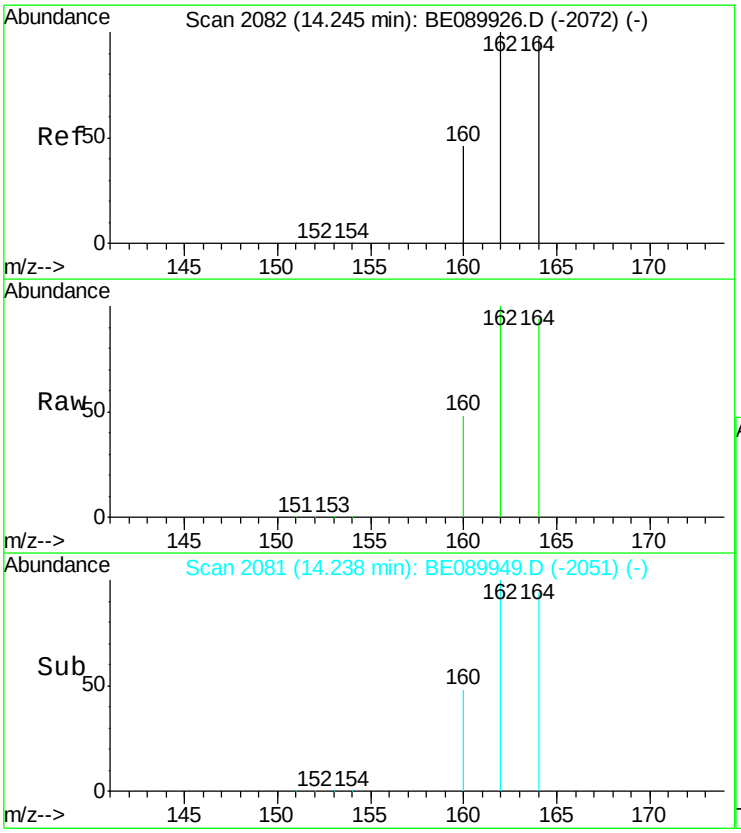
#11
2-Methylnaphthalene
Concen: 4.33 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:142 Resp: 72425

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.1	106.7
115	38.6	29.1	43.7

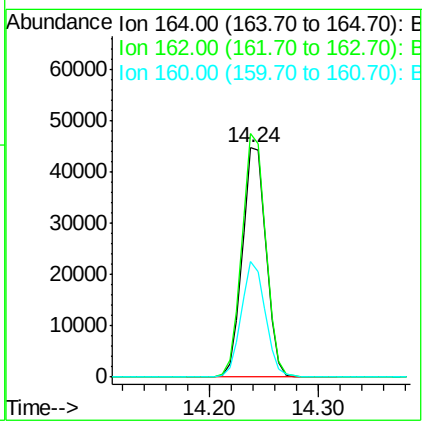


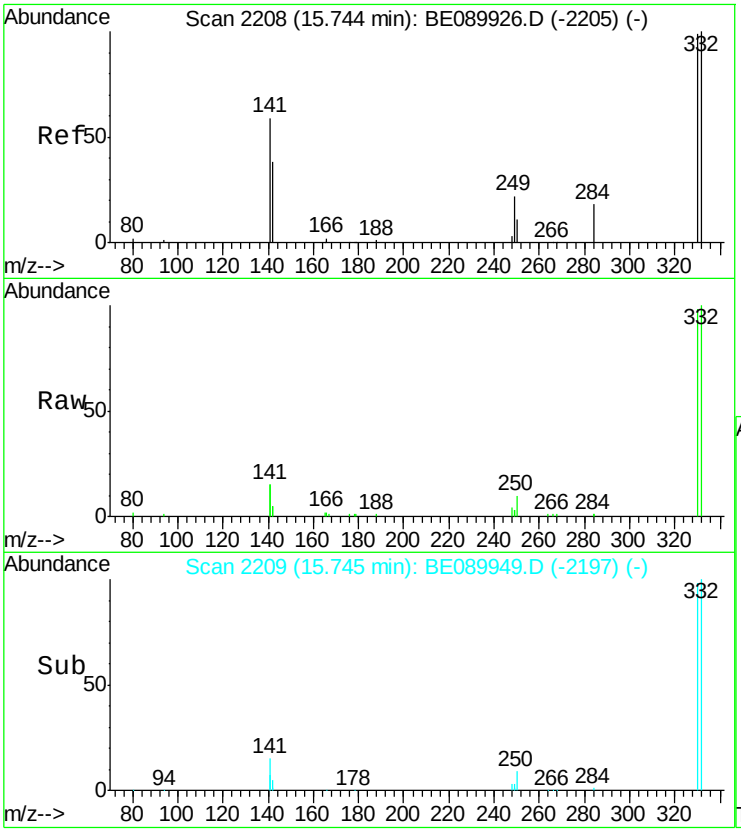


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:164 Resp: 67948

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.7	124.1
160	50.7	38.3	57.5



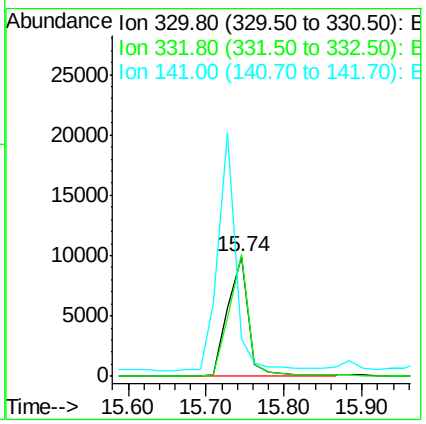


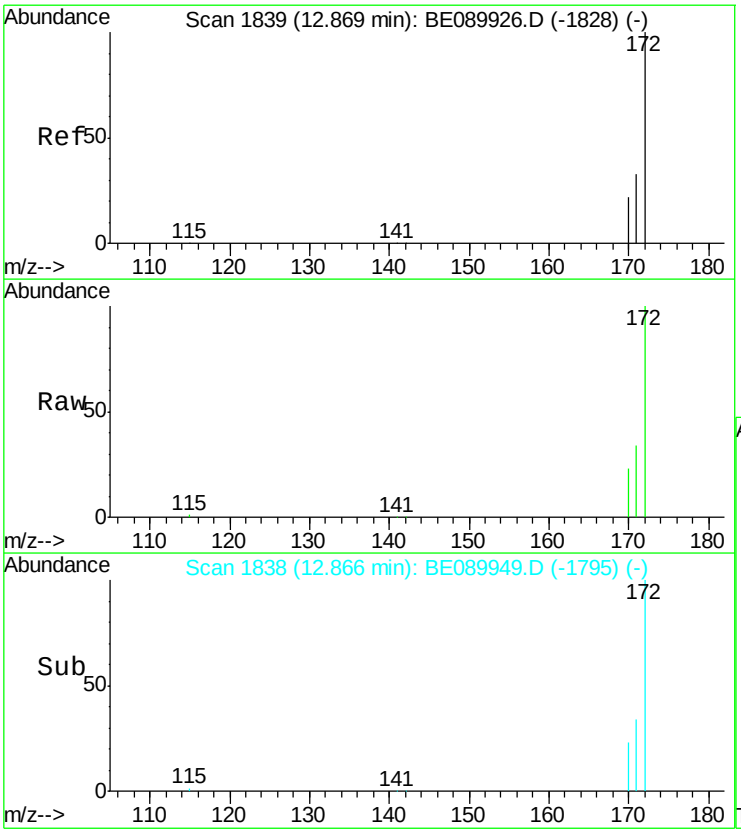
#13
2,4,6-Tribromophenol
Concen: 14.75 ng
RT: 15.74 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:330 Resp: 18009

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.9	116.9
141	173.6	142.8	214.2

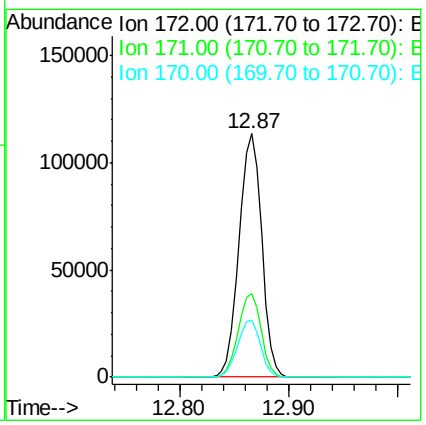


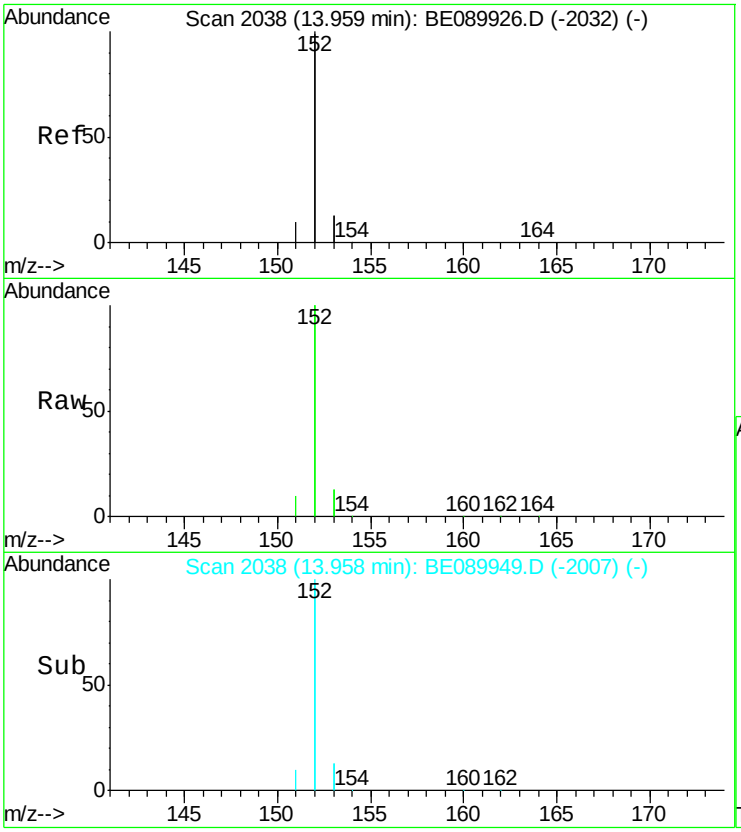


#14
2-Fluorobiphenyl
Concen: 8.21 ng
RT: 12.87 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:172 Resp: 162504

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.7	40.1
170	23.1	17.5	26.3



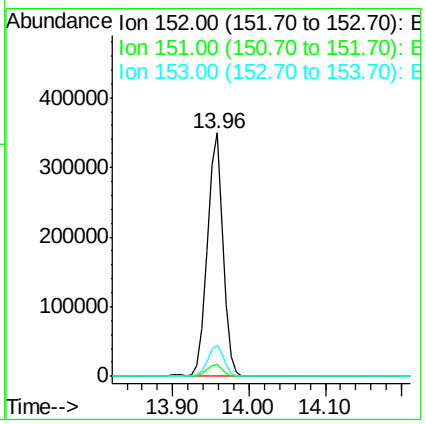


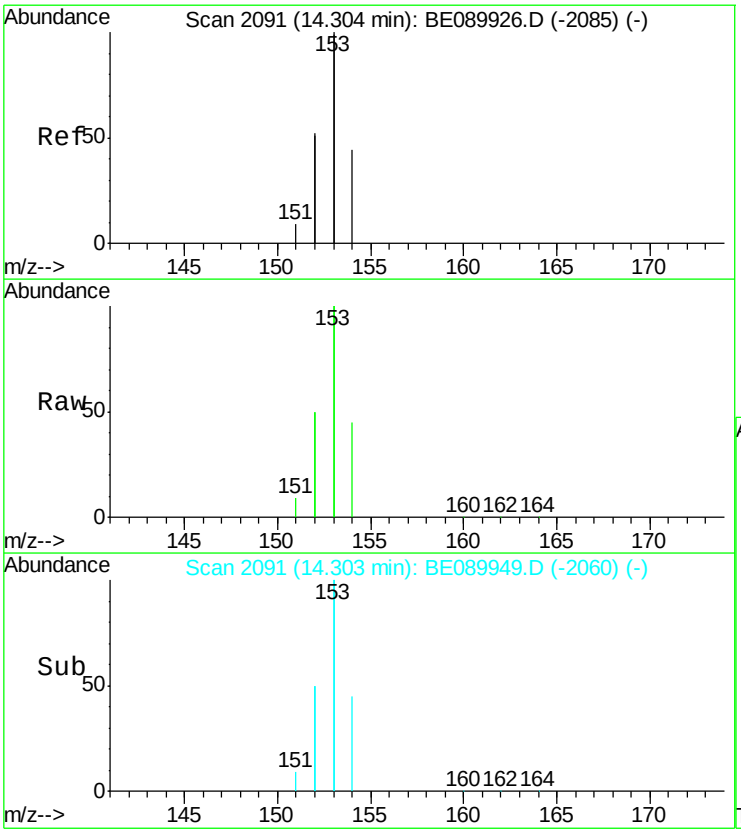
#15
Acenaphthylene
Concen: 4.28 ng
RT: 13.96 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:152 Resp: 509516

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.4	15.6

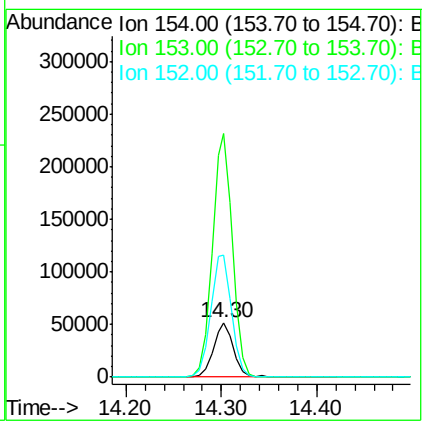


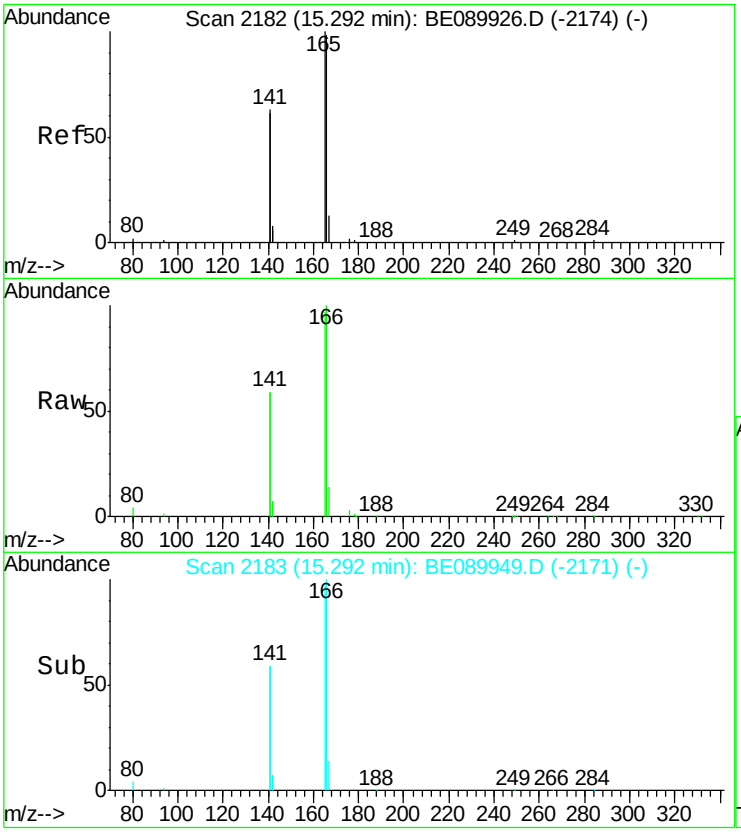


#16
Acenaphthene
Concen: 4.32 ng
RT: 14.30 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:154 Resp: 75587

Ion	Ratio	Lower	Upper
154	100		
153	448.2	362.8	544.2
152	233.6	194.6	291.8



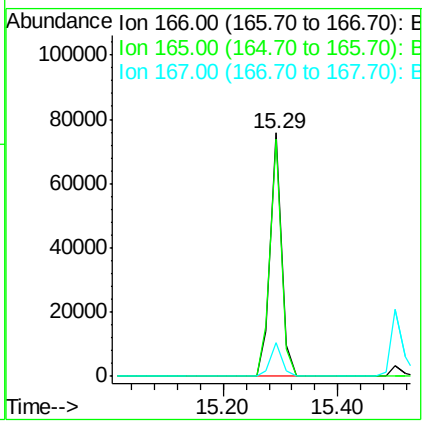


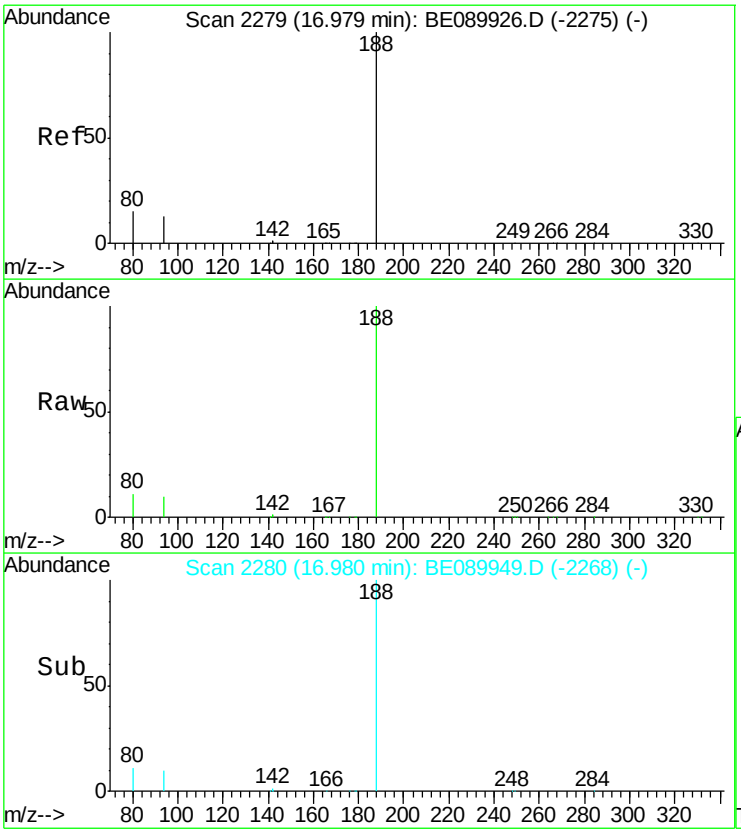
#17
Fluorene
Concen: 4.76 ng
RT: 15.29 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:166 Resp: 104153

Ion	Ratio	Lower	Upper
166	100		
165	98.6	81.1	121.7
167	14.0	11.8	17.8

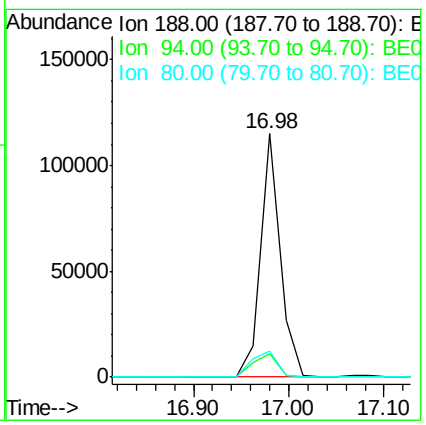


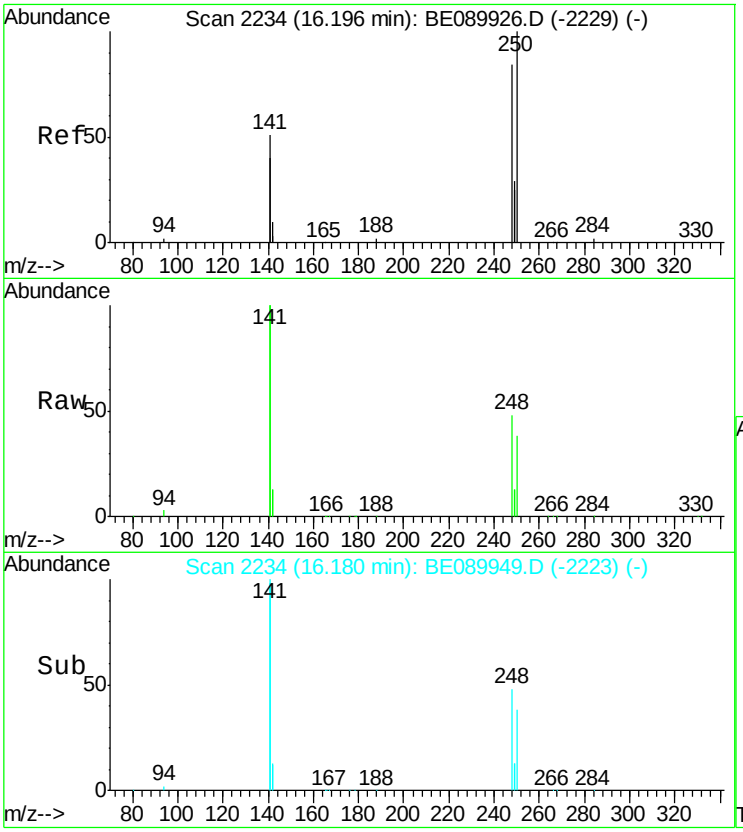


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:188 Resp: 164122

Ion	Ratio	Lower	Upper
188	100		
94	9.7	10.6	16.0#
80	10.7	11.8	17.6#



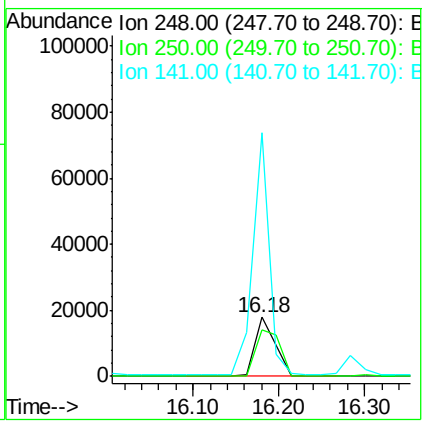


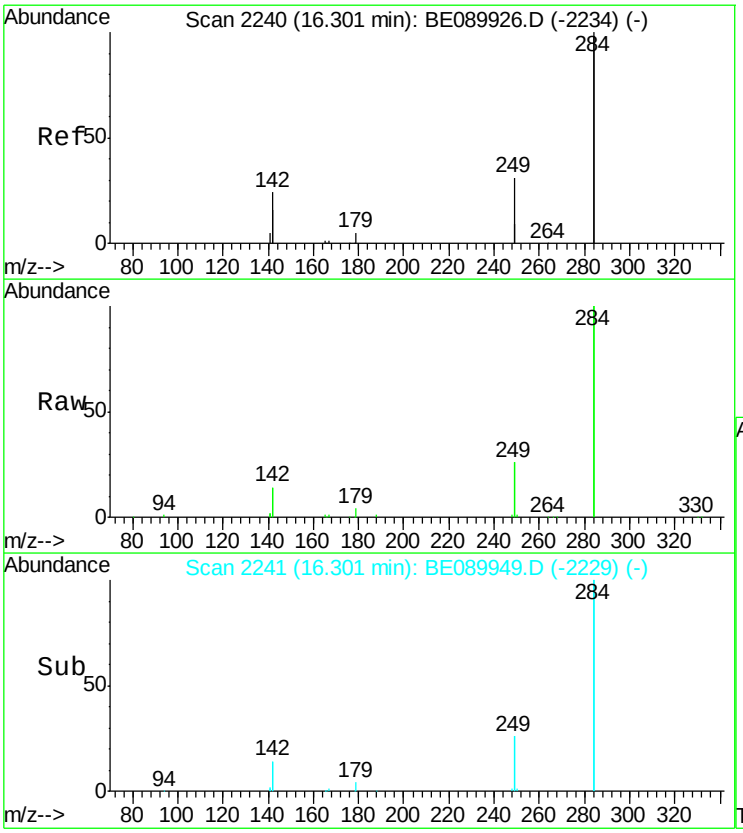
#19
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 16.18 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:248 Resp: 29158

Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.3	118.9
141	330.8	274.1	411.1

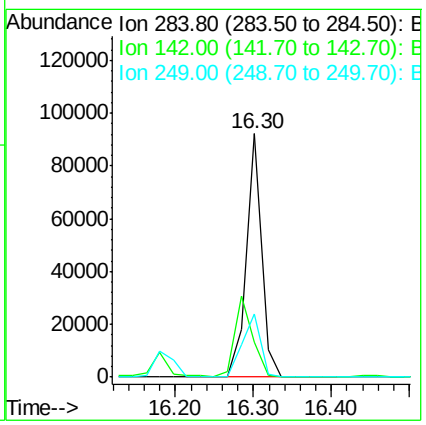


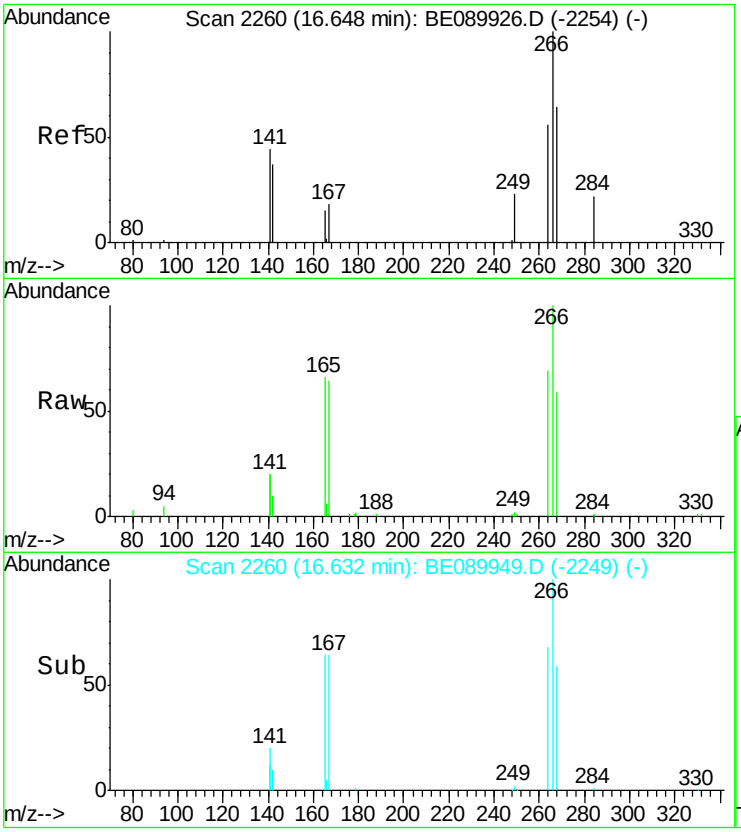


#20
Hexachlorobenzene
Concen: 4.29 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:284 Resp: 125792

Ion	Ratio	Lower	Upper
284	100		
142	37.8	32.0	48.0
249	31.1	25.0	37.6



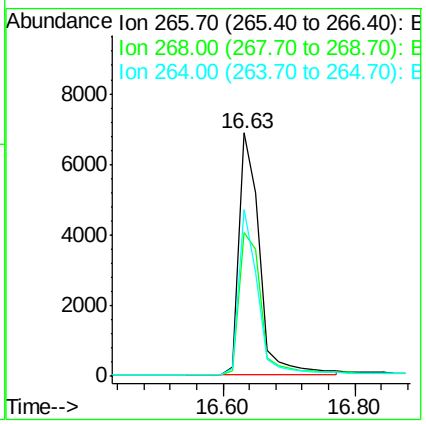


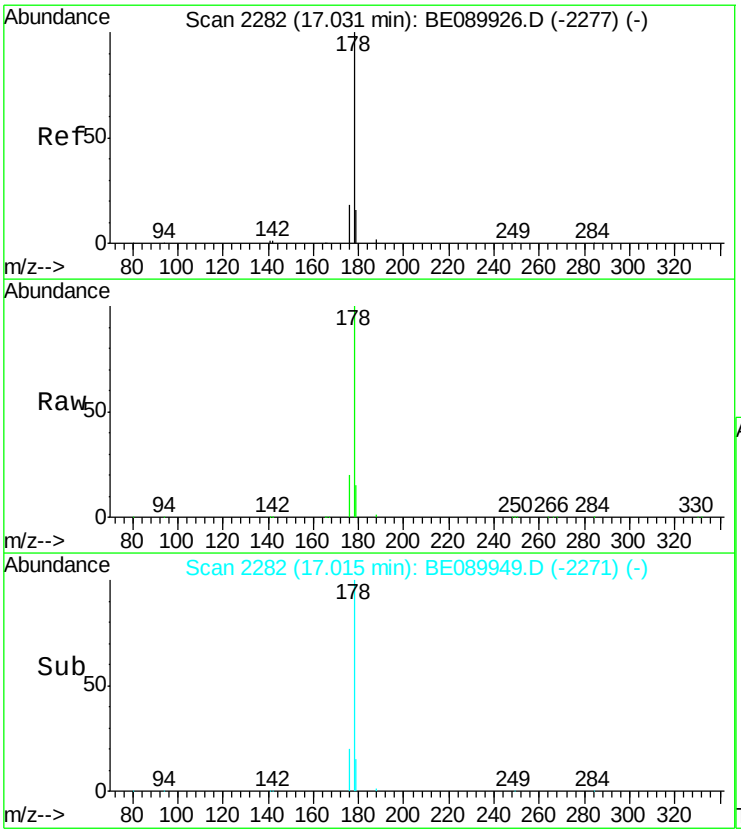
#21
Pentachlorophenol
Concen: 9.05 ng
RT: 16.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:266 Resp: 14664

Ion	Ratio	Lower	Upper
266	100		
268	58.9	54.4	81.6
264	68.6	48.2	72.2

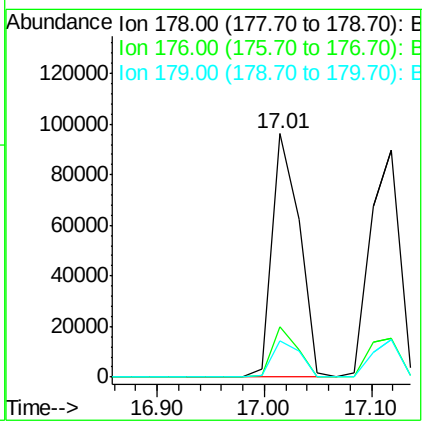


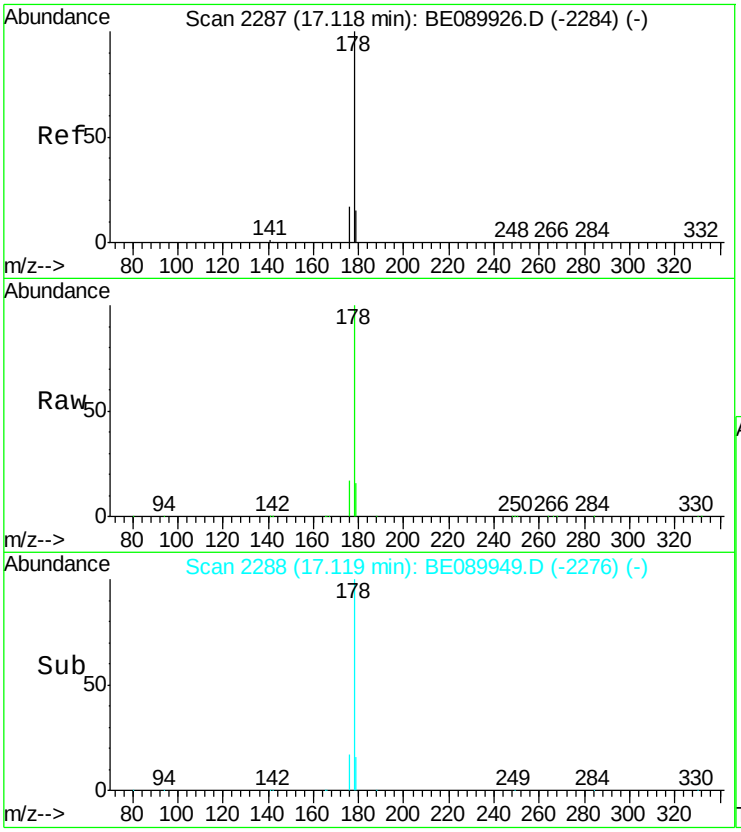


#22
Phenanthrene
Concen: 4.15 ng
RT: 17.01 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:178 Resp: 170758

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.6	19.0



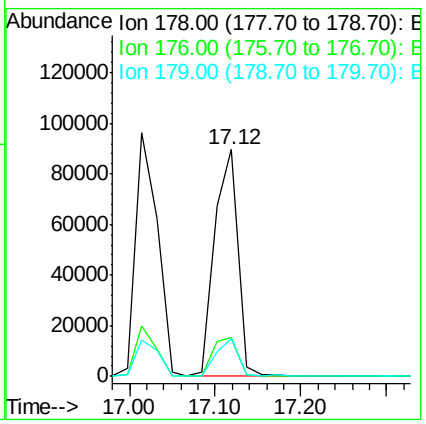


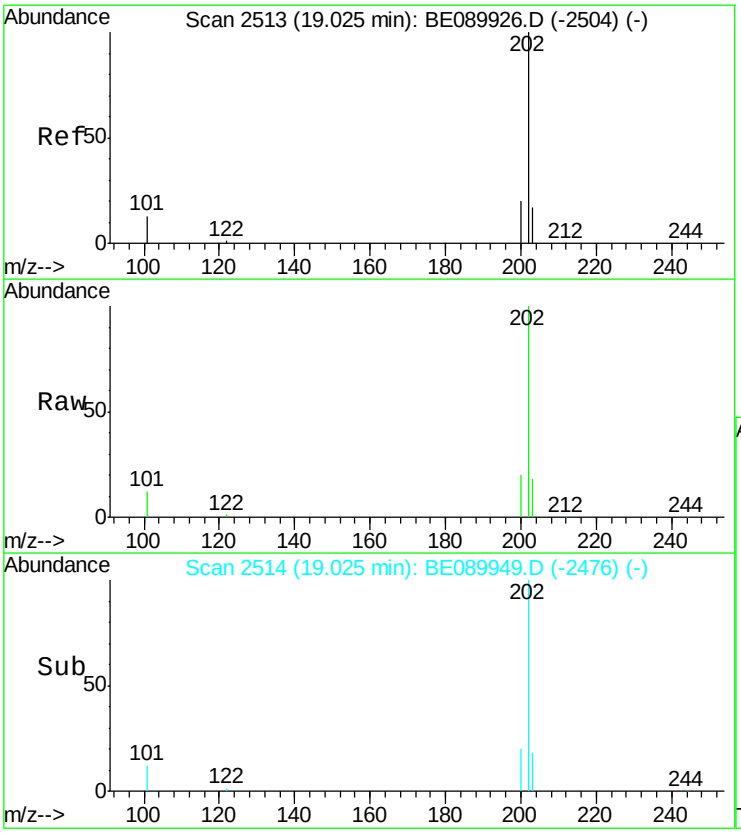
#23
Anthracene
Concen: 4.45 ng
RT: 17.12 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:178 Resp: 170075

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.8	12.3	18.5

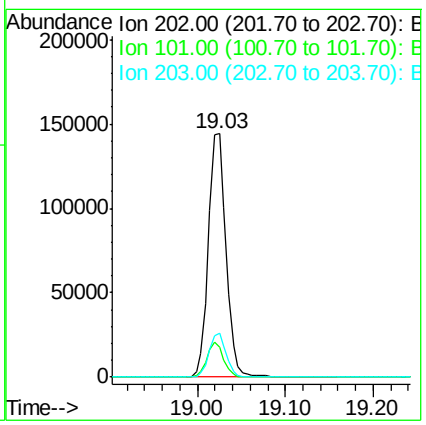


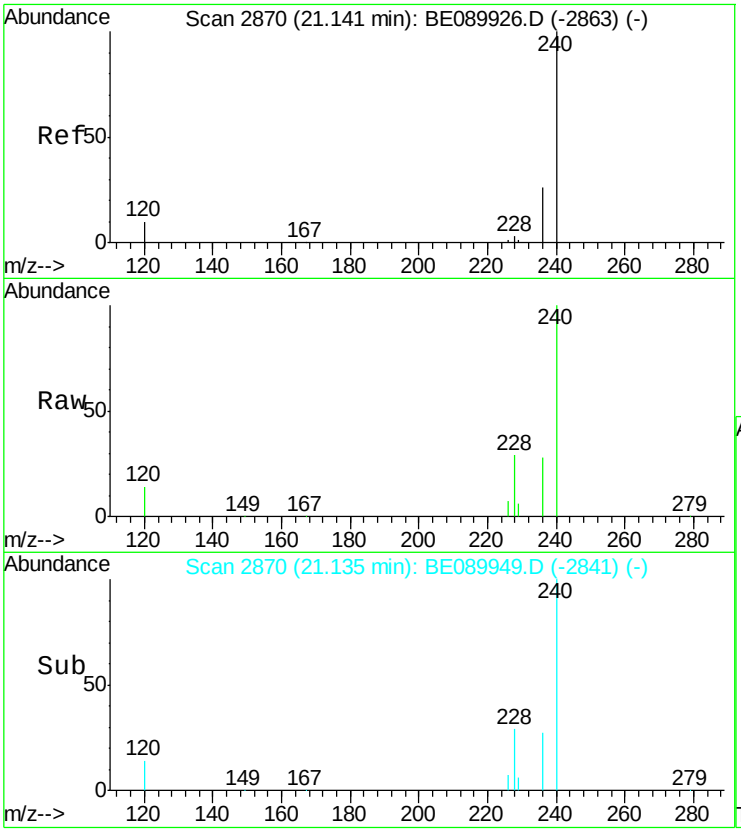


#24
Fluoranthene
Concen: 4.48 ng
RT: 19.03 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:202 Resp: 200193

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	16.0
203	17.5	13.8	20.8



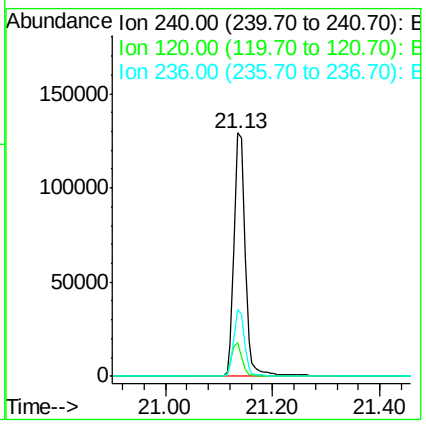


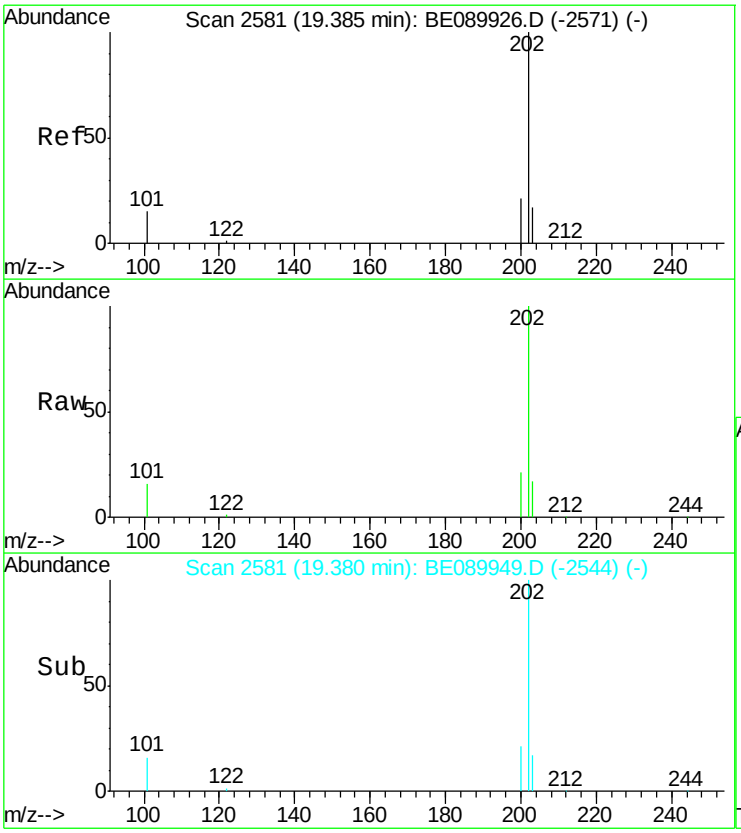
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:240 Resp: 185177

Ion	Ratio	Lower	Upper
240	100		
120	13.8	7.9	11.9#
236	27.5	21.2	31.8

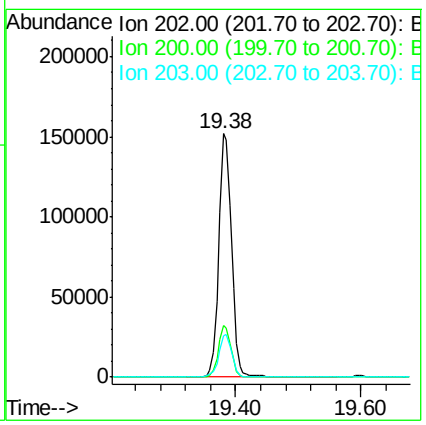


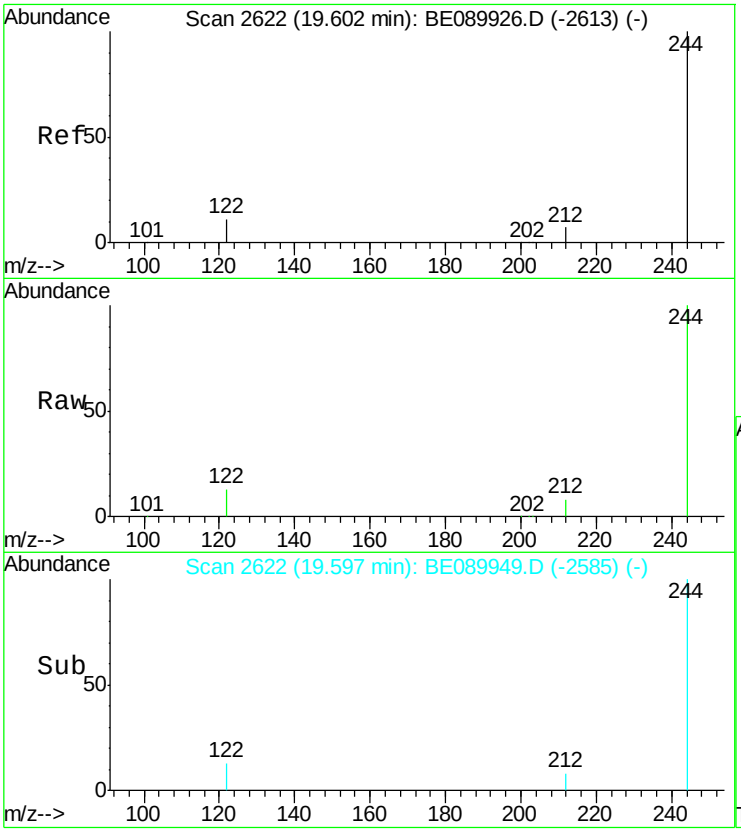


#26
Pyrene
Concen: 4.57 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:202 Resp: 214252

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.1	13.9	20.9



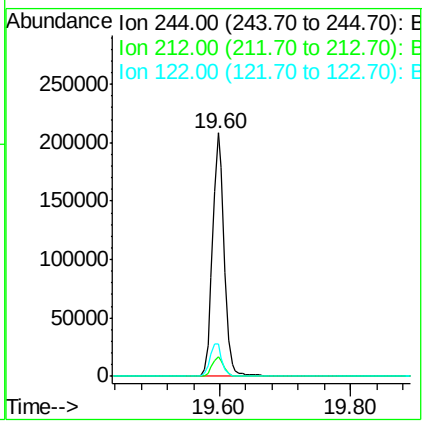


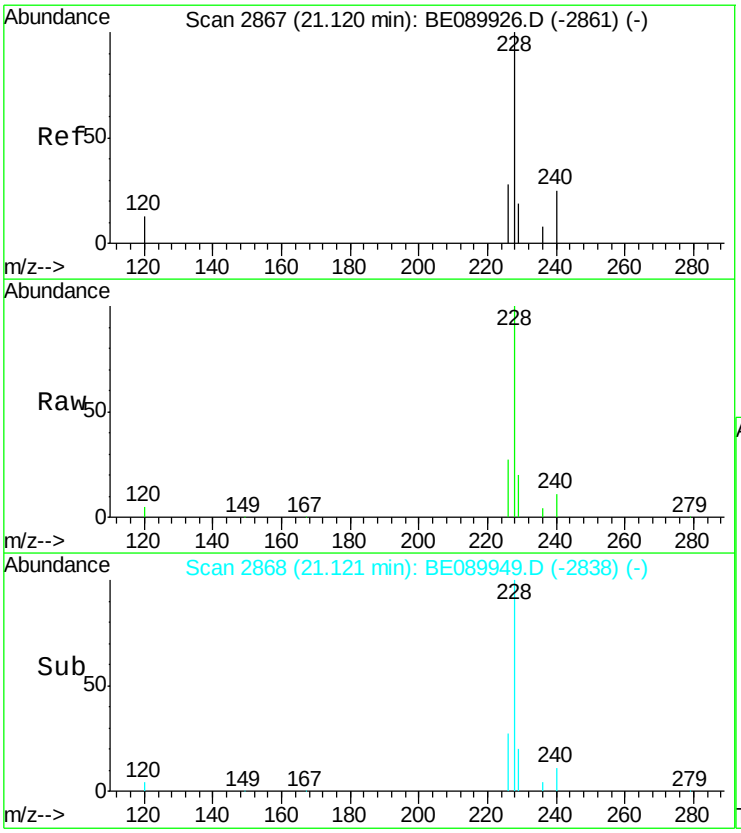
#27
Terphenyl-d14
Concen: 8.13 ng
RT: 19.60 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:244 Resp: 259925

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.1	9.1
122	13.1	8.7	13.1#

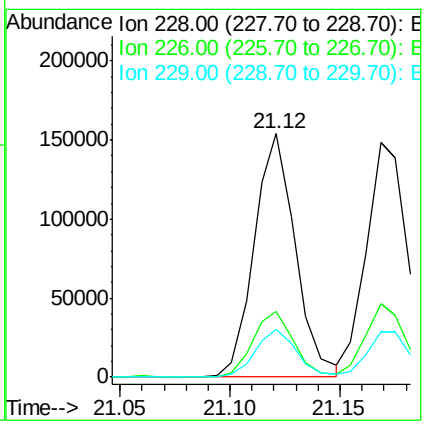


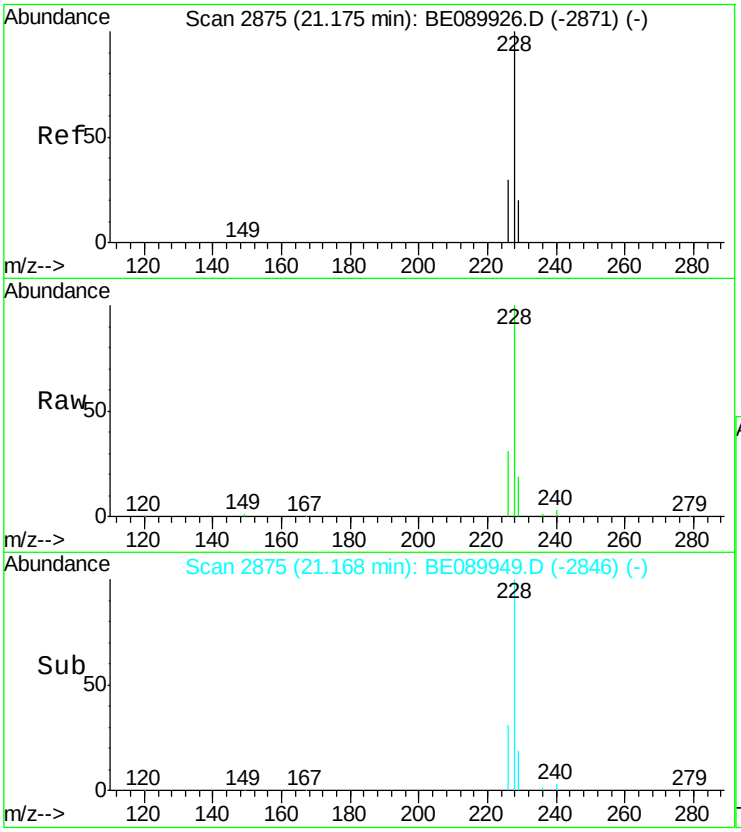


#28
Benzo(a)anthracene
Concen: 4.54 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:228 Resp: 200859

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.4
229	19.7	15.3	22.9



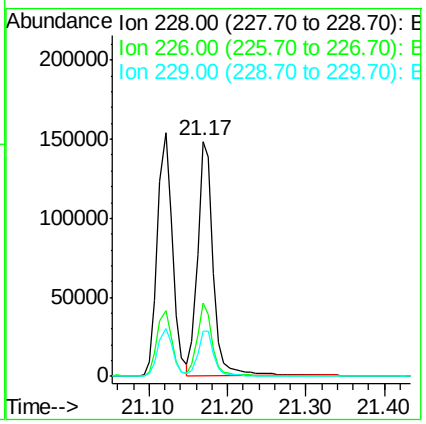


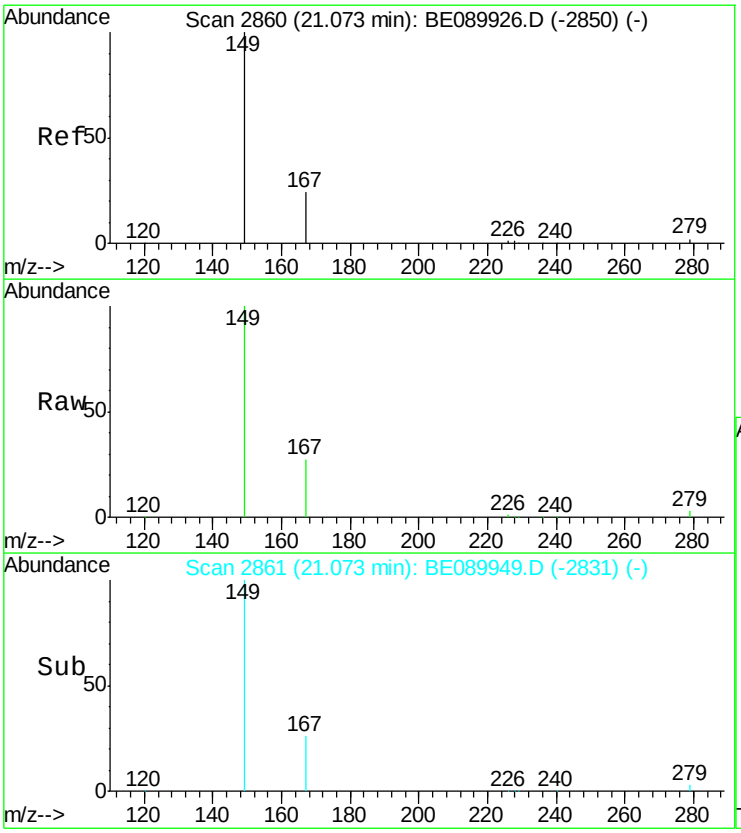
#29
Chrysene
Concen: 4.25 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:228 Resp: 205676

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.7	35.5
229	19.5	15.8	23.8

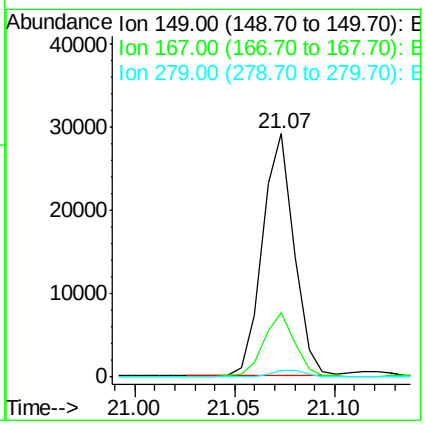


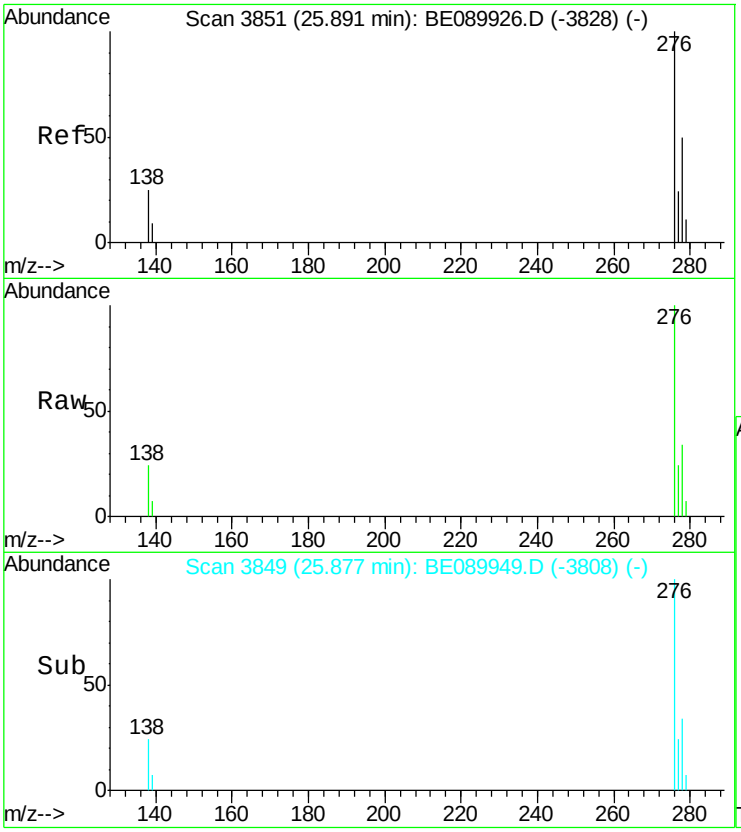


#30
Bis(2-ethylhexyl)phthalate
Concen: 8.50 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:149 Resp: 32067

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.3	30.5
279	2.9	2.7	4.1



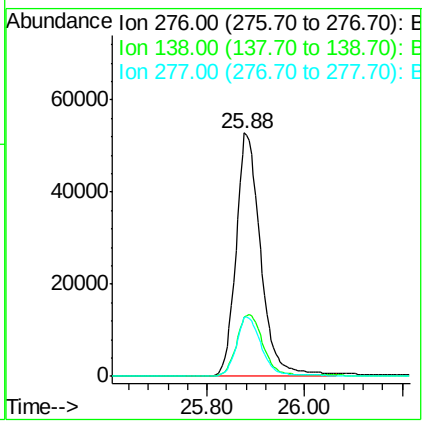


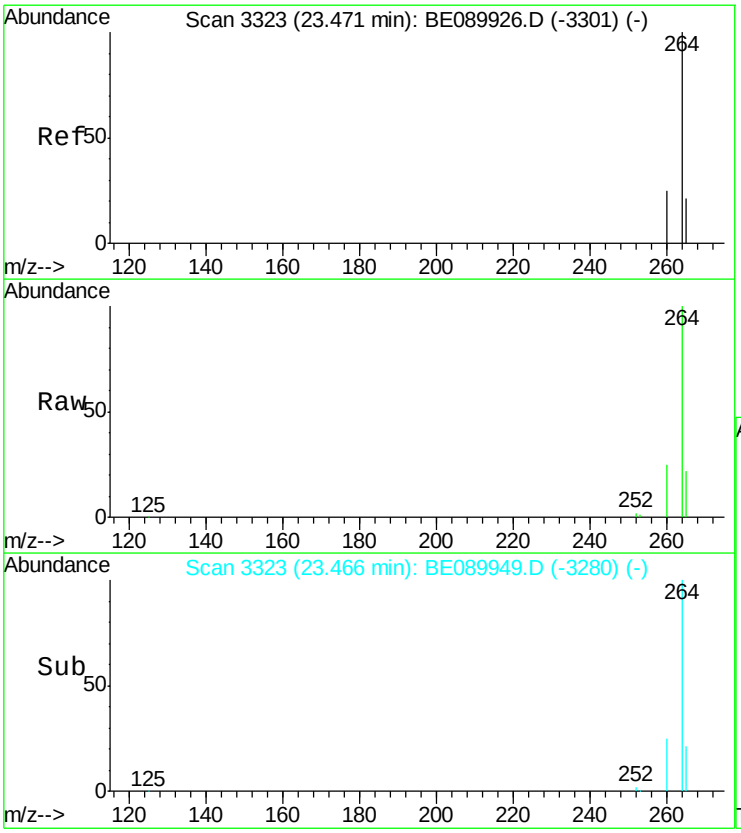
#31
Indeno(1,2,3-cd)pyrene
Concen: 5.21 ng
RT: 25.88 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:276 Resp: 185084

Ion	Ratio	Lower	Upper
276	100		
138	27.4	0.0	0.0#
277	24.9	0.0	0.0#

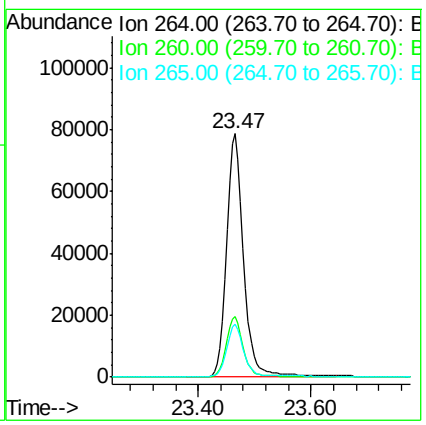


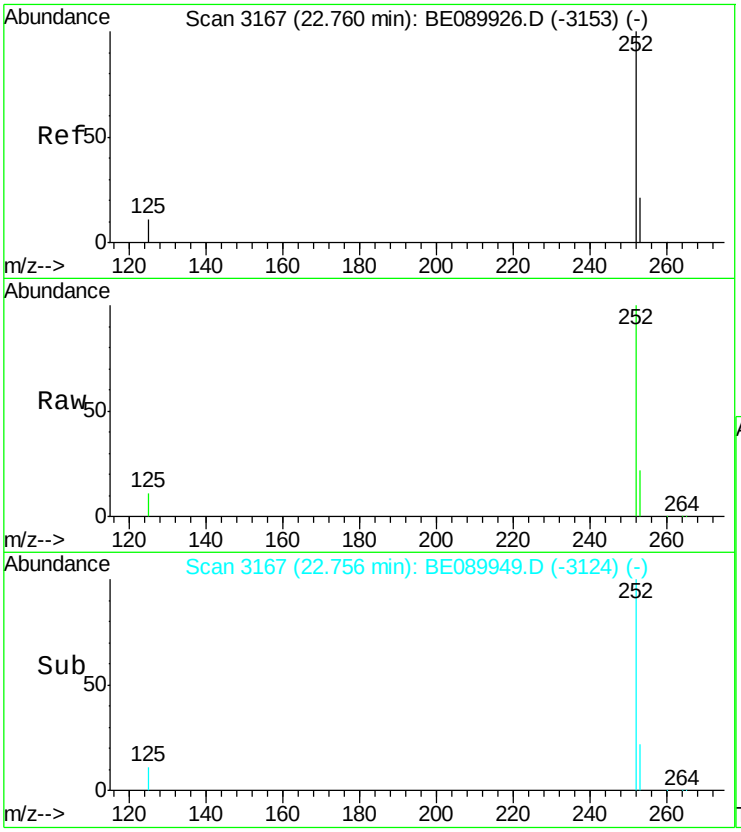


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:264 Resp: 163089

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	21.6	17.3	25.9



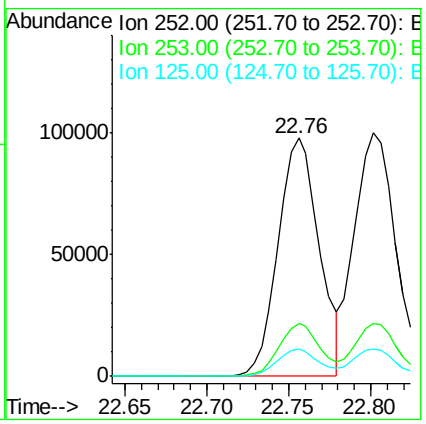


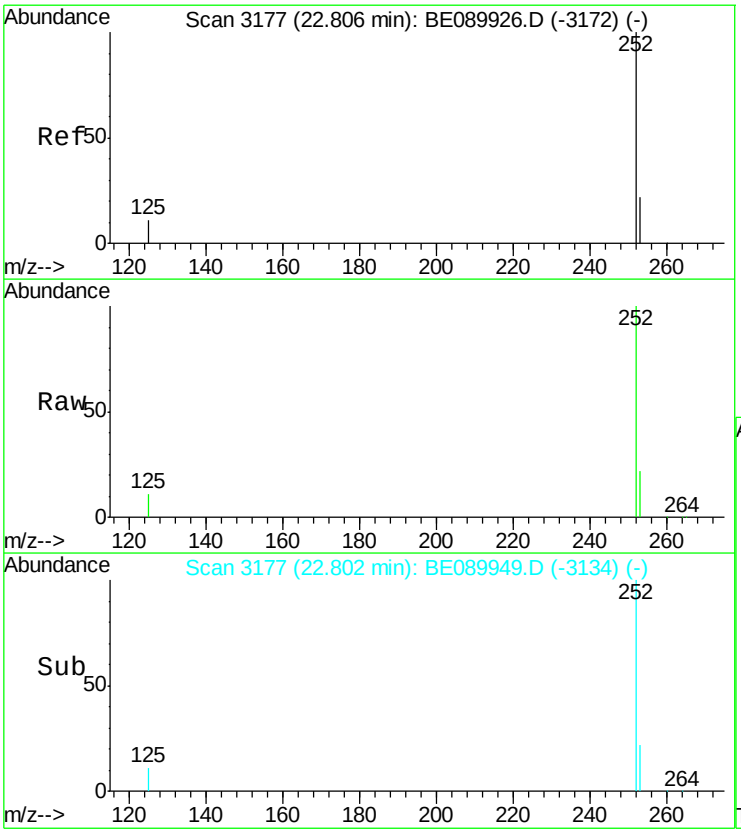
#33
Benzo(b)fluoranthene
Concen: 4.96 ng
RT: 22.76 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:252 Resp: 171108

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.5	9.3	13.9

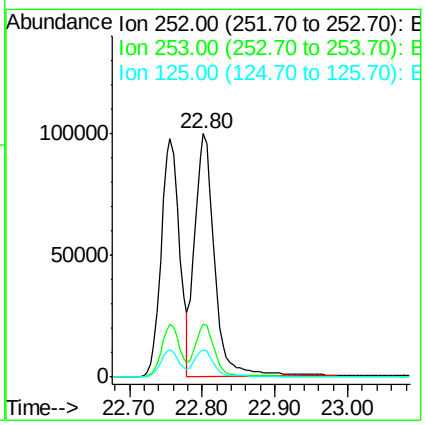


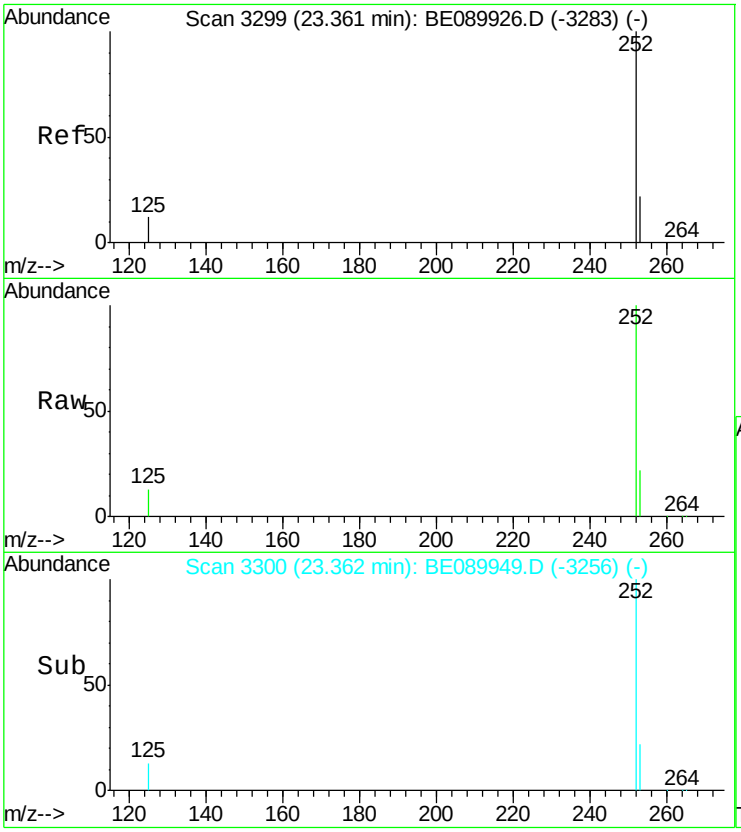


#34
Benzo(k)fluoranthene
Concen: 4.77 ng
RT: 22.80 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:252 Resp: 186383

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.4	9.2	13.8



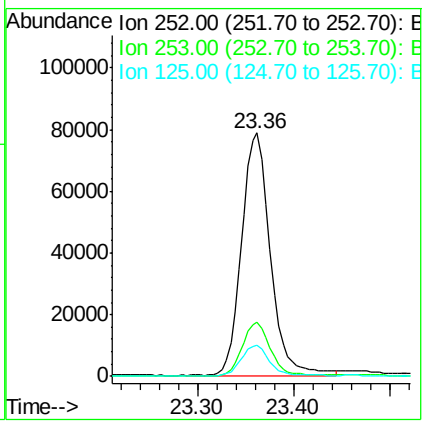


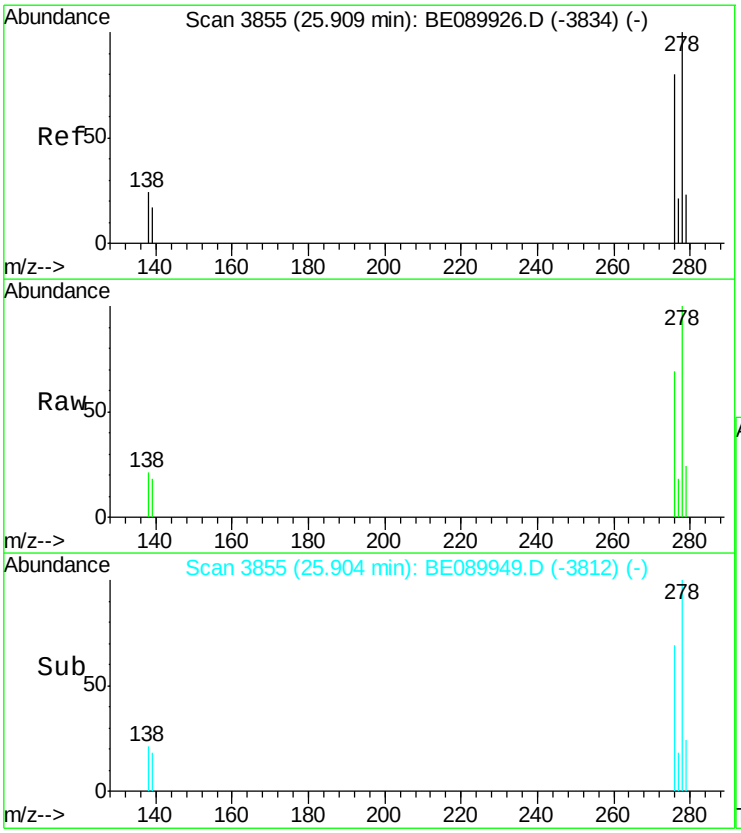
#35
Benzo(a)pyrene
Concen: 5.30 ng
RT: 23.36 min Scan# 3300
Delta R.T. 0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:252 Resp: 162579

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.6	10.3	15.5

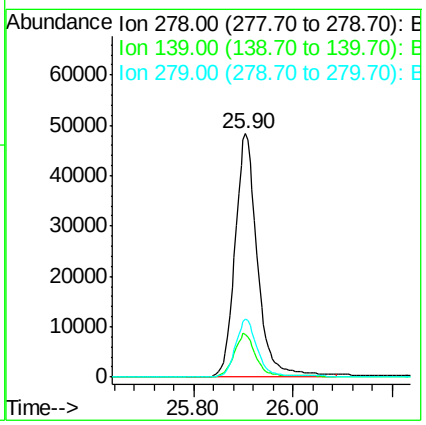


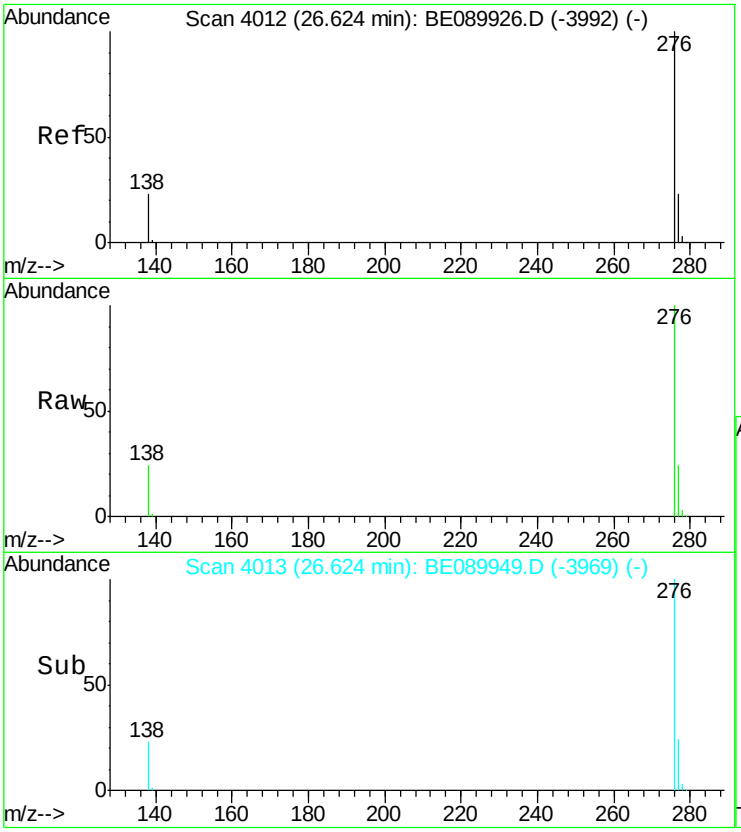


#36
Dibenzo(a,h)anthracene
Concen: 5.30 ng
RT: 25.90 min Scan# 3855
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Tgt Ion:278 Resp: 151246

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.1	21.1
279	23.9	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 5.13 ng
RT: 26.62 min Scan# 4013
Delta R.T. -0.00 min
Lab File: BE089949.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624MSD

Tgt Ion:276 Resp: 157325

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	23.6	18.8	28.2