Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089962.D
Acq On : 27 Jun 2015 4:34
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Jun 27 06:30:22 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	7.64	152	25185	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	124716	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	77301	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	179295	5.00	ng		0.00
25) Chrysene-d12	21.13	240	180415	5.00	ng		0.00
32) Perylene-d12	23.47	264	149956	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	6194	1.36	ng		0.00
5) Phenol-d6	6.81	99	16054	2.30	ng		0.00
7) Nitrobenzene-d5	8.77	82	12951	1.39	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	1997	1.72	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	40445	1.80	ng		0.00
27) Terphenyl-d14	19.60	244	60285	1.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	3216	1.05	ng		89
3) n-Nitrosodimethylamine	3.55	42	3749	0.83	ng	#	91
8) Nitrobenzene	8.81	77	7474	0.76	ng		100
9) Naphthalene	10.44	128	23025	0.83	ng		99
10) Hexachlorobutadiene	10.74	225	3753	0.86	ng		100
11) 2-Methylnaphthalene	12.05	142	14956	0.79	ng		98
15) Acenaphthylene	13.95	152	106338	0.78	ng		99
16) Acenaphthene	14.30	154	16087	0.81	ng		97
17) Fluorene	15.29	166	20784	0.83	ng		99
19) 4-Bromophenyl-phenylether	16.18	248	5511	0.75	ng		99
20) Hexachlorobenzene	16.30	284	26335	0.82	ng		99
21) Pentachlorophenol	16.63	266	769	0.85	ng	#	90
22) Phenanthrene	17.01	178	35148	0.78	ng		100
23) Anthracene	17.12	178	31650	0.76	ng		100
24) Fluoranthene	19.02	202	36114	0.74	ng		99
26) Pyrene	19.39	202	37575	0.82	ng		100
28) Benzo(a)anthracene	21.12	228	32881	0.76	ng		98
29) Chrysene	21.17	228	35709	0.76	ng		98
30) Bis(2-ethylhexyl)phthalate	21.07	149	2781	0.76	ng		99
31) Indeno(1,2,3-cd)pyrene	25.88	276	25811	0.75	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	25480	0.80	ng		100
34) Benzo(k)fluoranthene	22.80	252	29038	0.81	ng		99
35) Benzo(a)pyrene	23.36	252	21542	0.76	ng		100
36) Dibenzo(a,h)anthracene	25.90	278	20465	0.78	ng		99
37) Benzo(g,h,i)perylene	26.62	276	21871	0.78	ng		99

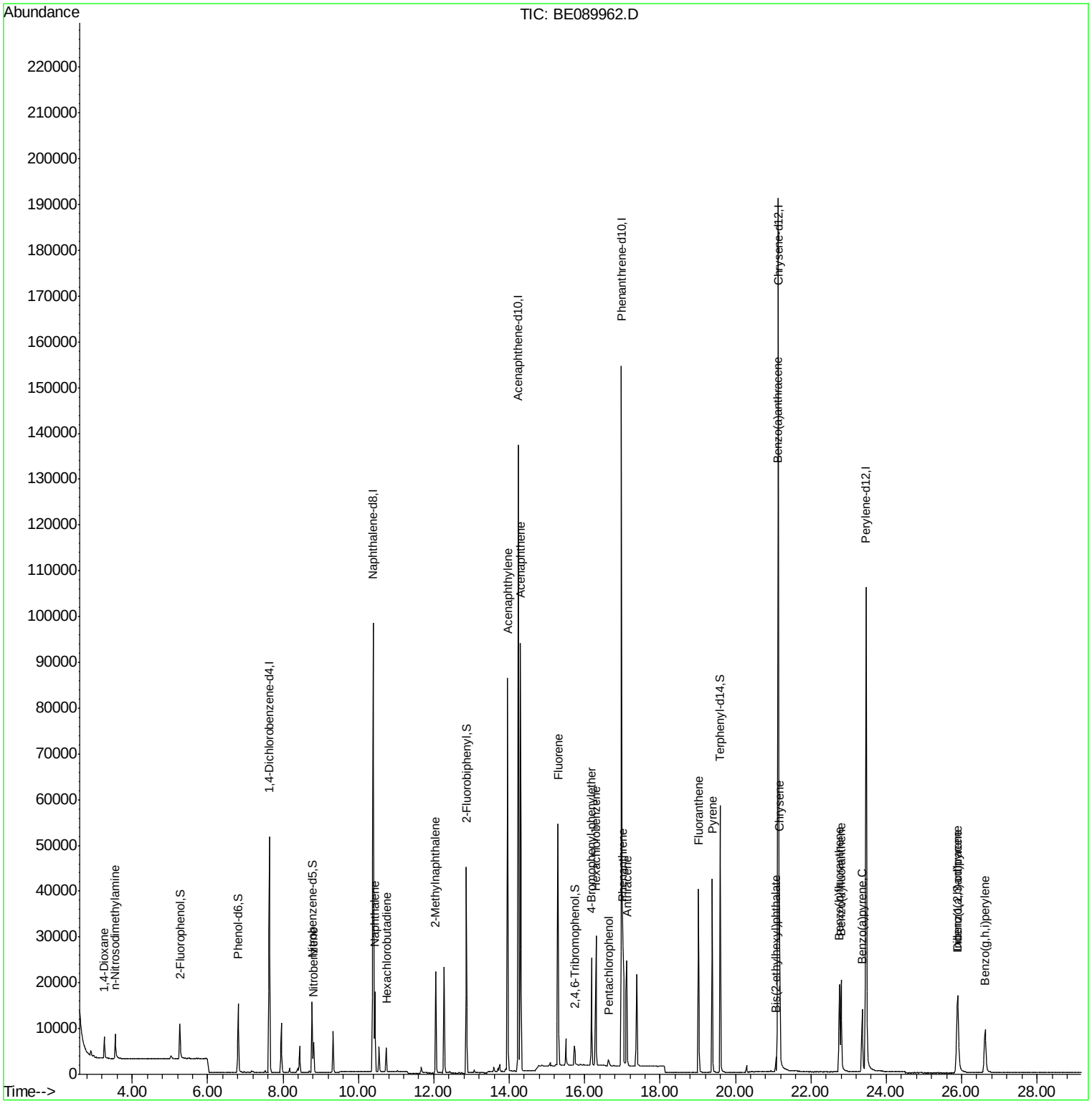
(#) = qualifier out of range (m) = manual integration (+) = signals summed

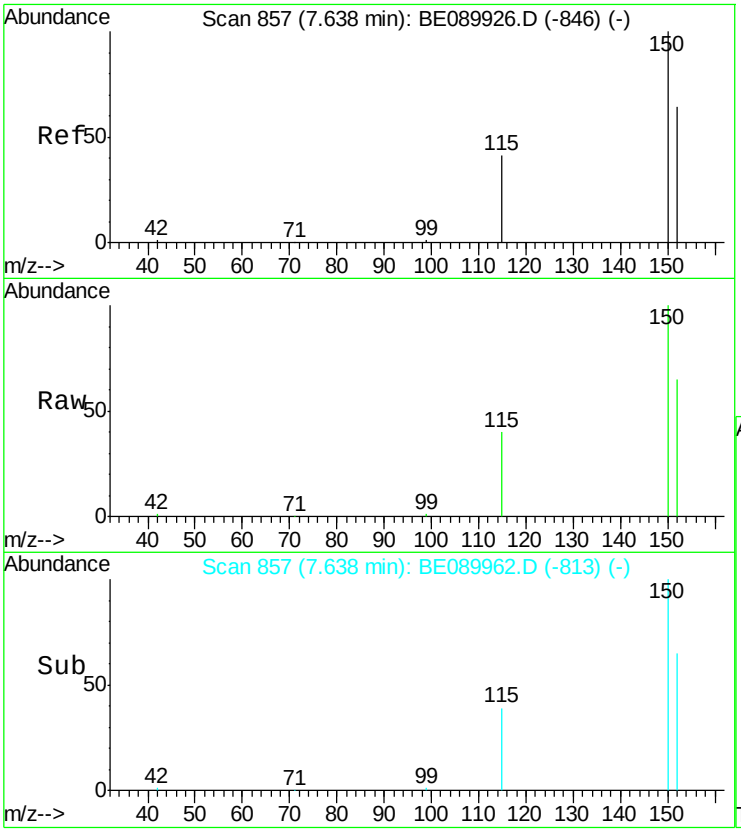
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089962.D
Acq On : 27 Jun 2015 4:34
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Jun 27 06:30:22 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



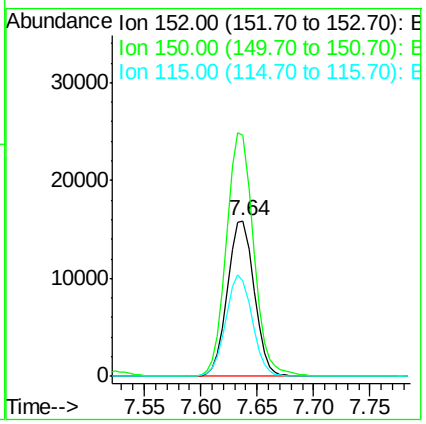


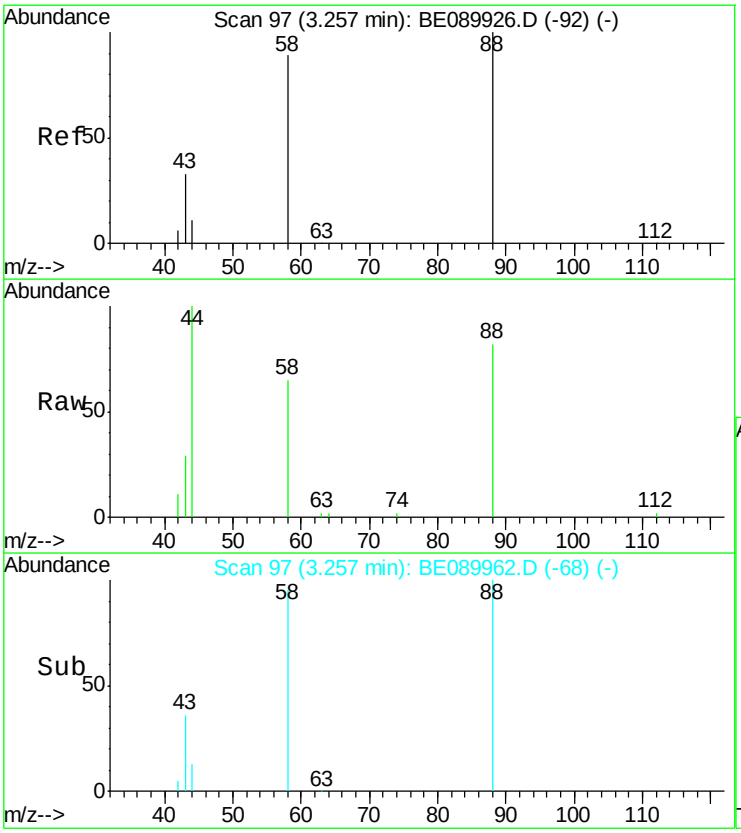
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 25185

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	61.3	51.6	77.4

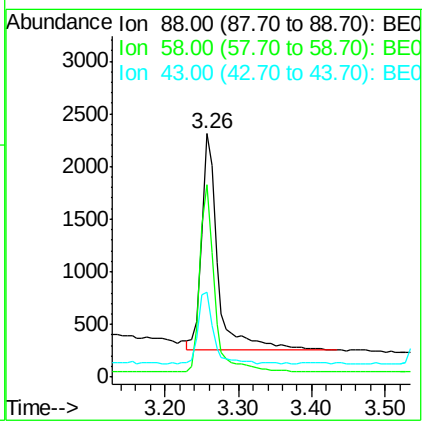


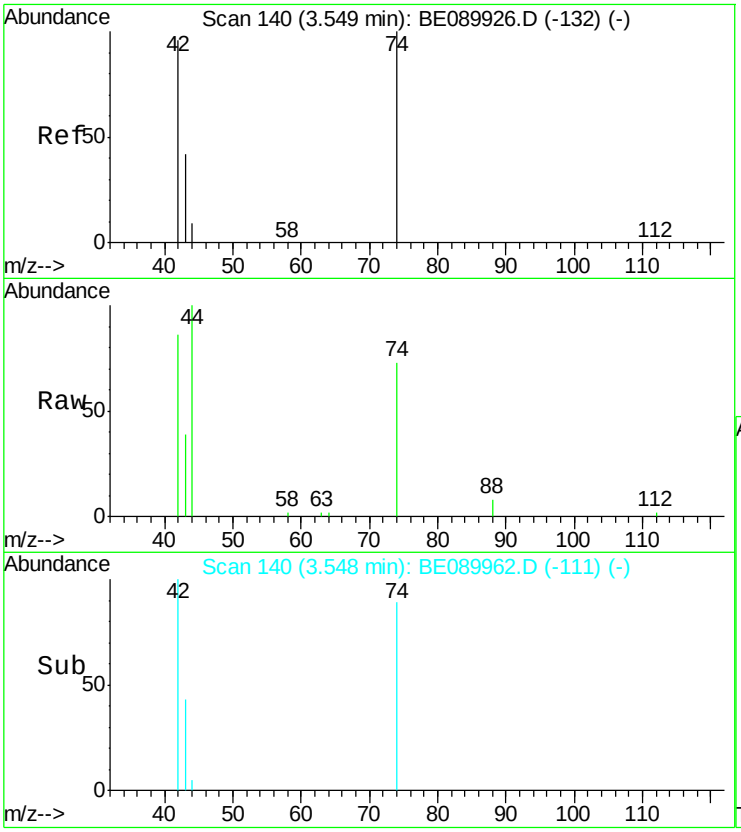


#2
1,4-Dioxane
Concen: 1.05 ng
RT: 3.26 min Scan# 97
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion: 88 Resp: 3216

Ion	Ratio	Lower	Upper
88	100		
58	76.6	70.8	106.2
43	30.8	26.8	40.2



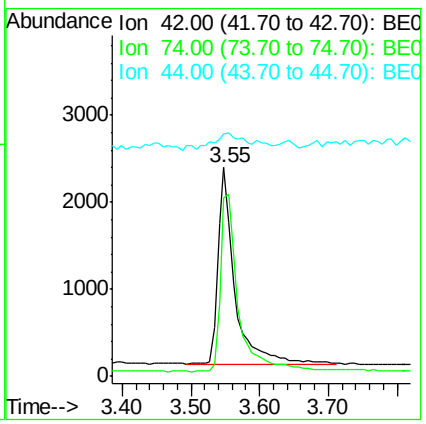


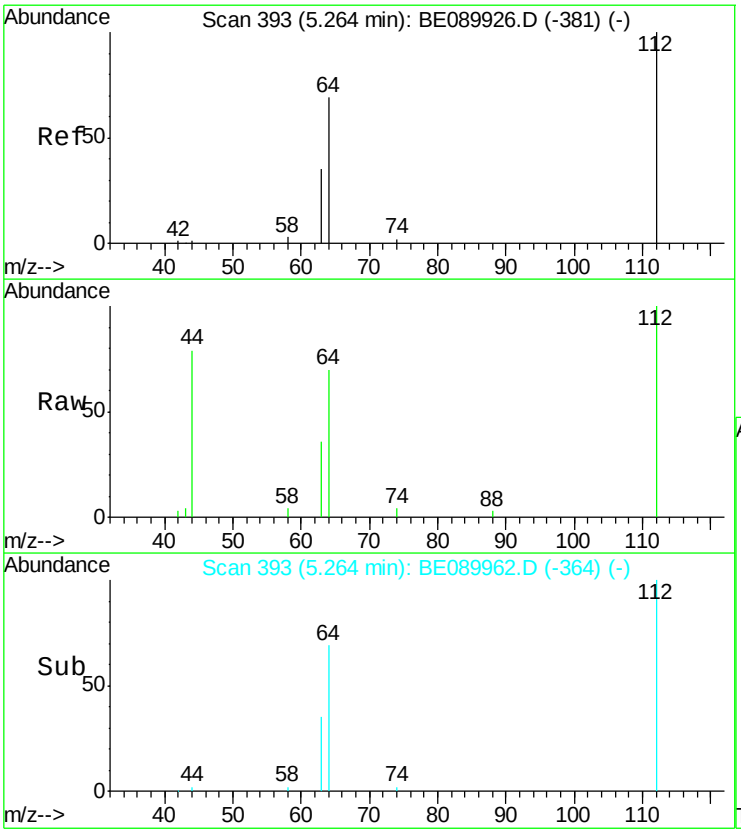
#3
n-Nitrosodimethylamine
Concen: 0.83 ng
RT: 3.55 min Scan# 140
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 3749

Ion	Ratio	Lower	Upper
42	100		
74	97.6	85.4	128.2
44	13.2	8.4	12.6#

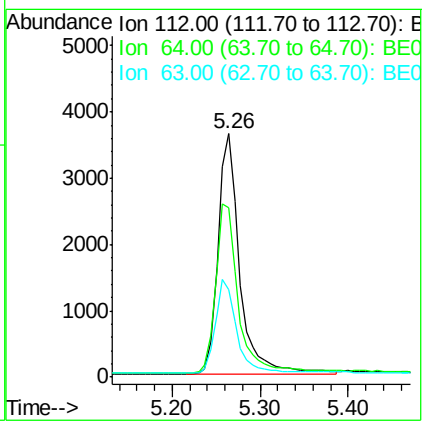


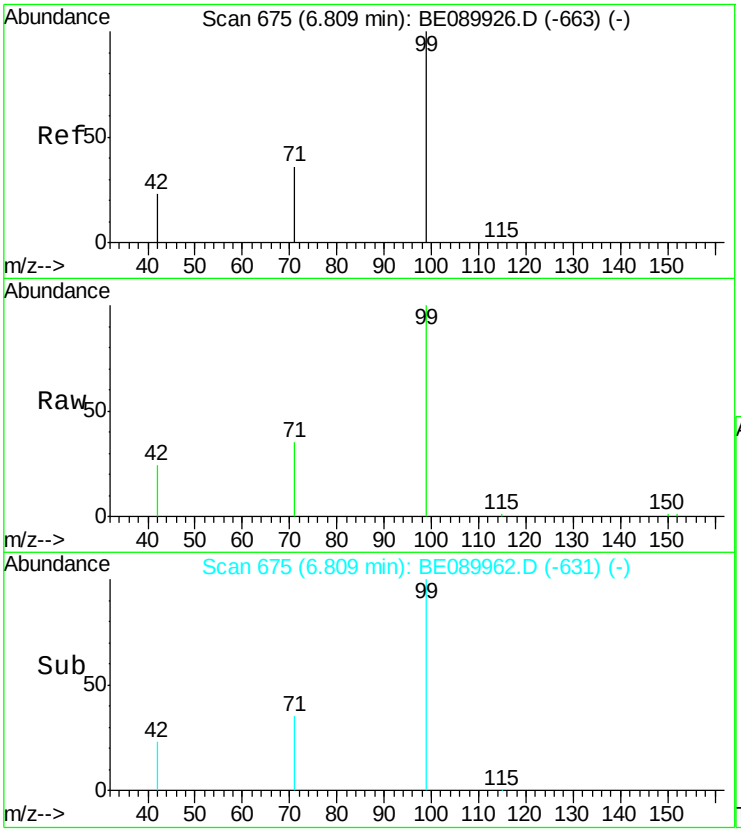


#4
2-Fluorophenol
Concen: 1.36 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:112 Resp: 6194

Ion	Ratio	Lower	Upper
112	100		
64	72.6	57.4	86.2
63	40.6	31.2	46.8



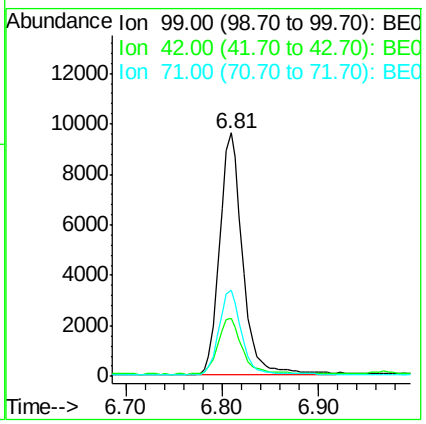


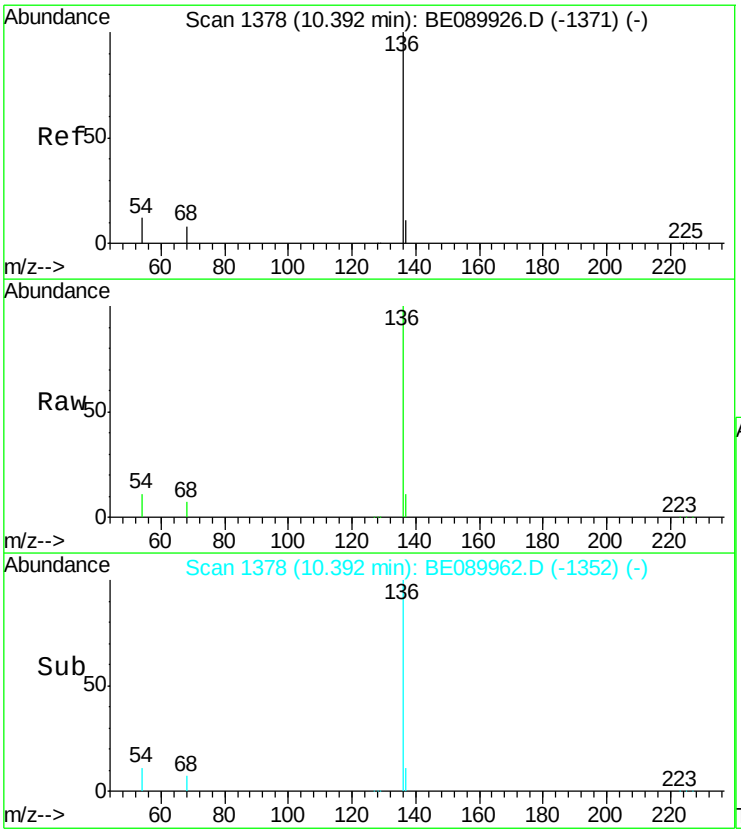
#5
Phenol-d6
Concen: 2.30 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 16054

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.5	29.3
71	35.1	27.8	41.6

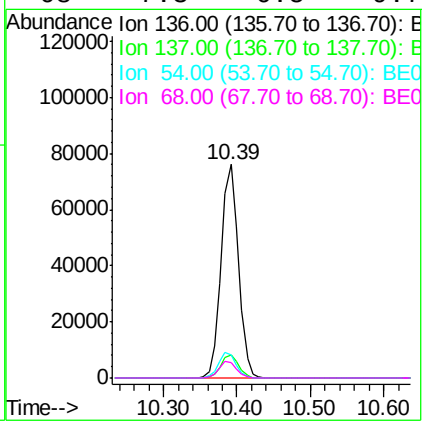


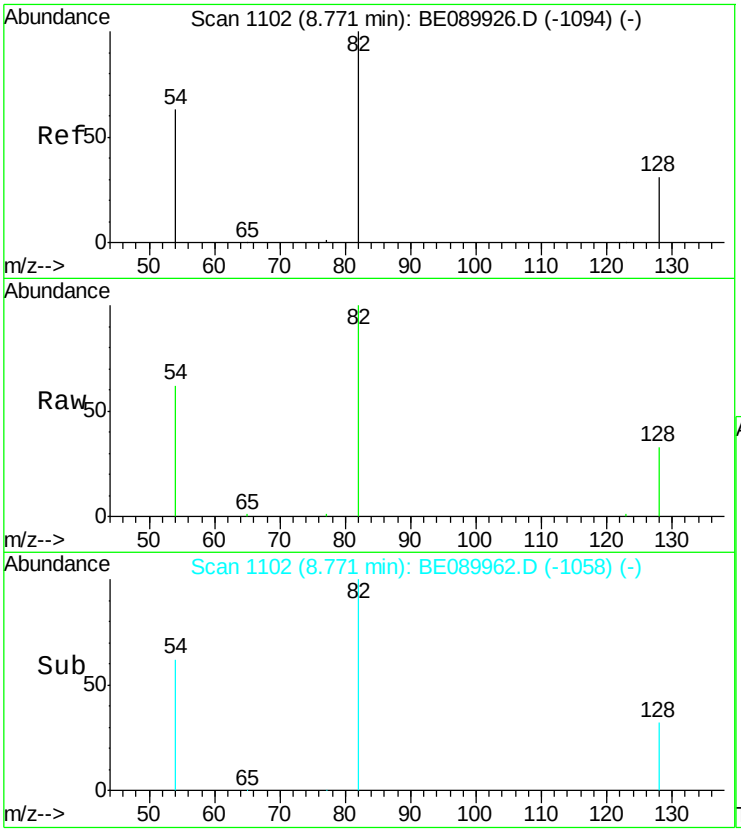


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:136 Resp: 124716

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.7	9.7	14.5
68	7.3	6.5	9.7



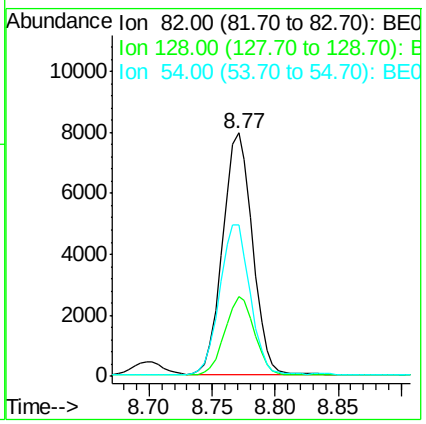


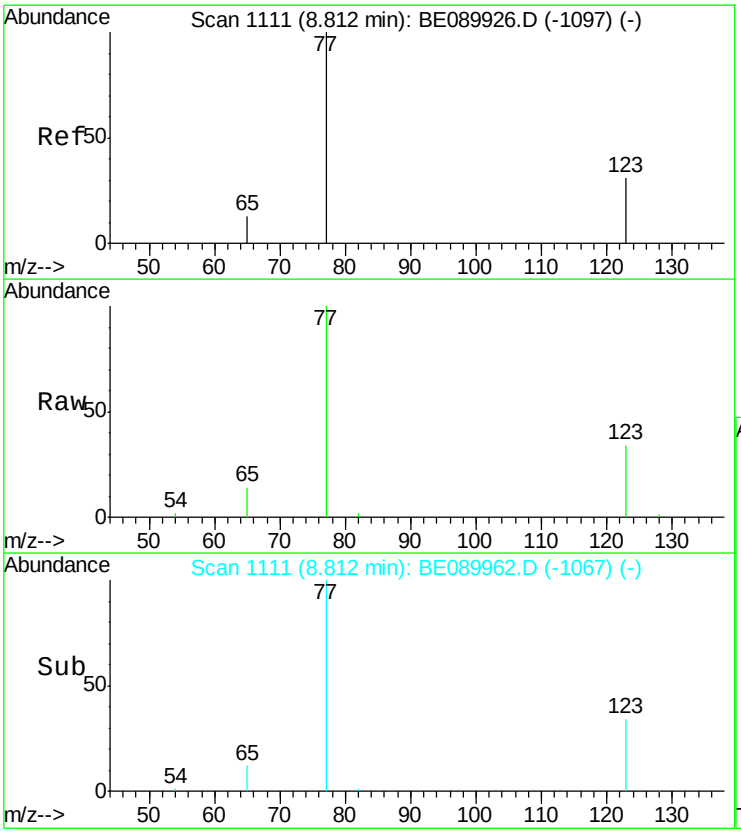
#7
Nitrobenzene-d5
Concen: 1.39 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 12951

Ion	Ratio	Lower	Upper
82	100		
128	32.6	25.6	38.4
54	62.3	51.2	76.8

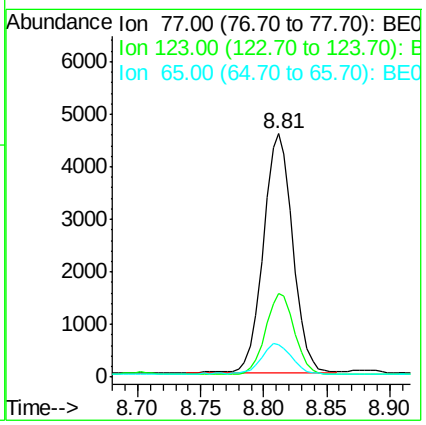


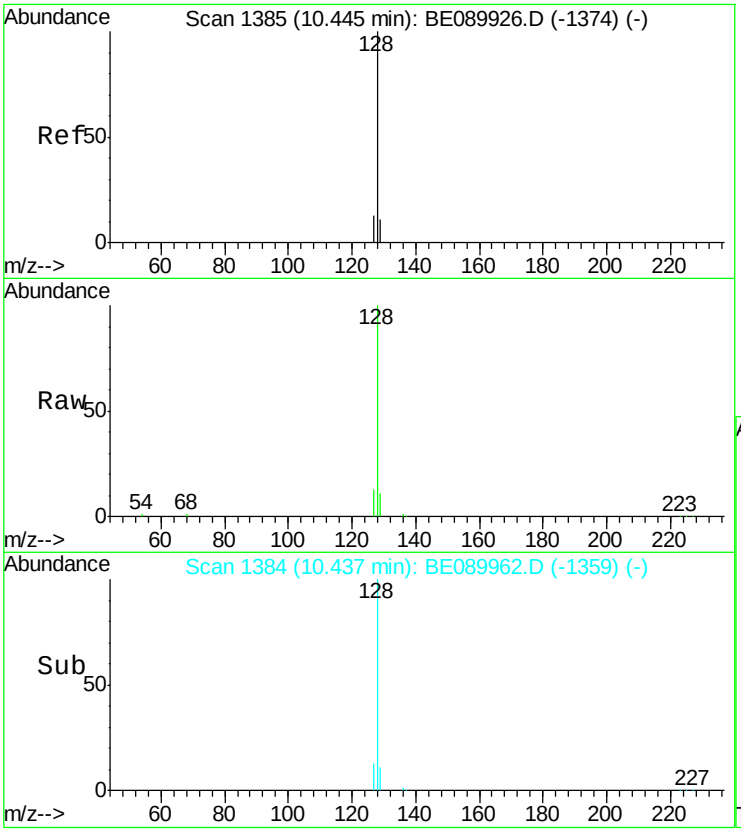


#8
Nitrobenzene
Concen: 0.76 ng
RT: 8.81 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion: 77 Resp: 7474

Ion	Ratio	Lower	Upper
77	100		
123	33.1	26.6	39.8
65	12.8	10.2	15.4



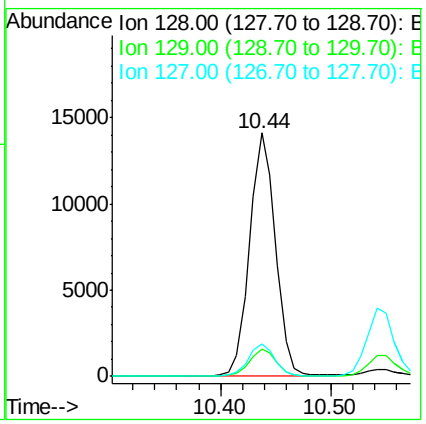


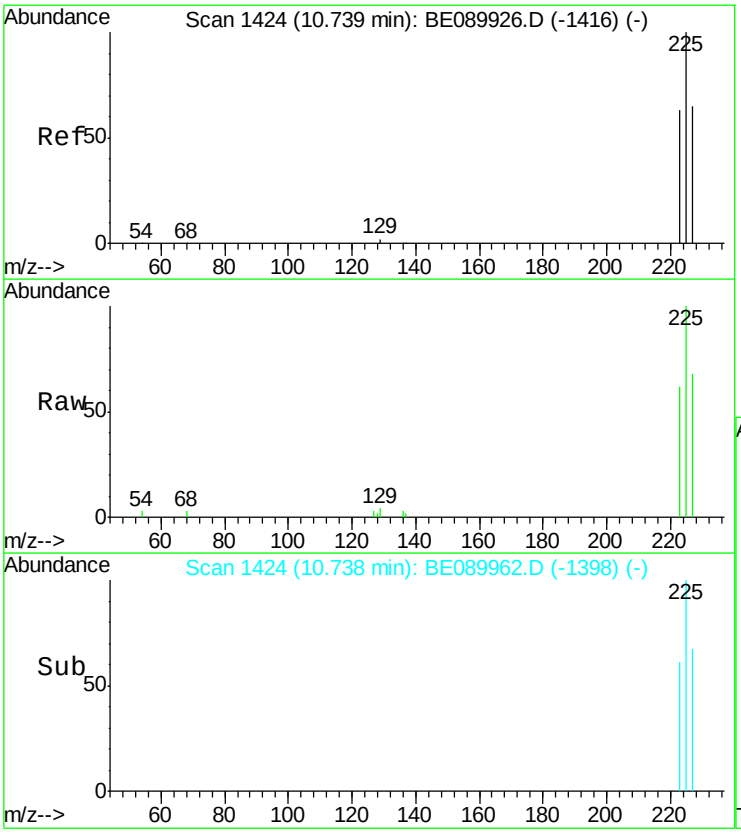
#9
Naphthalene
Concen: 0.83 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 23025

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.1	10.2	15.4

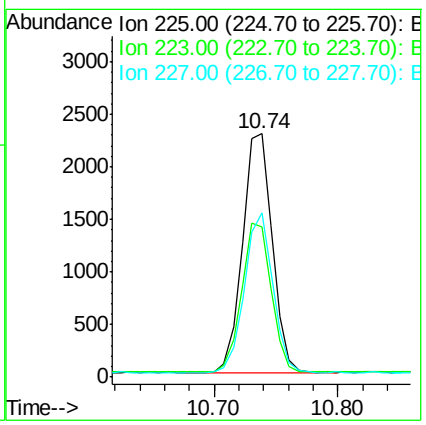


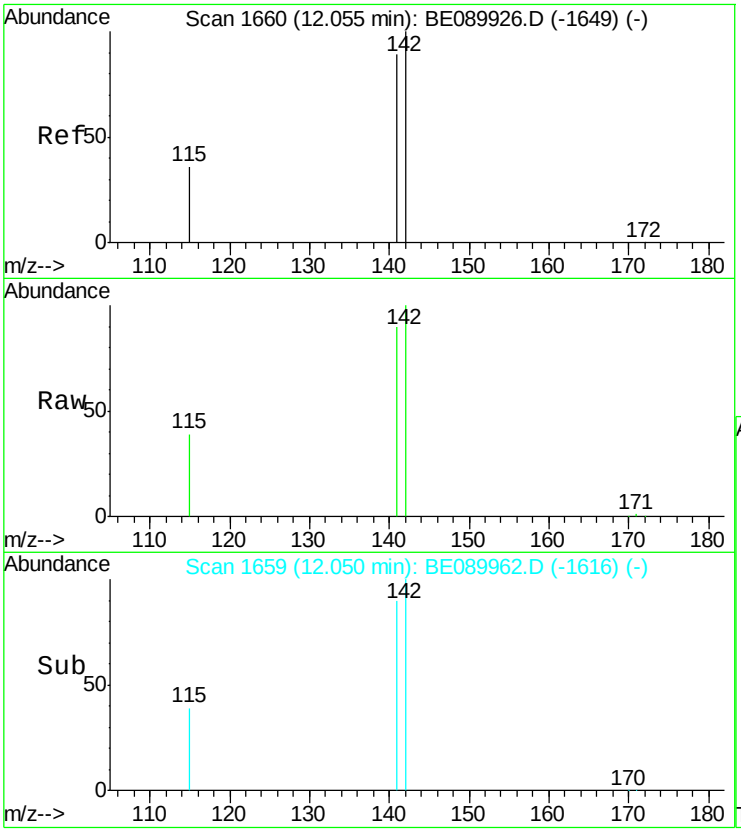


#10
Hexachlorobutadiene
Concen: 0.86 ng
RT: 10.74 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:225 Resp: 3753

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	63.7	50.7	76.1



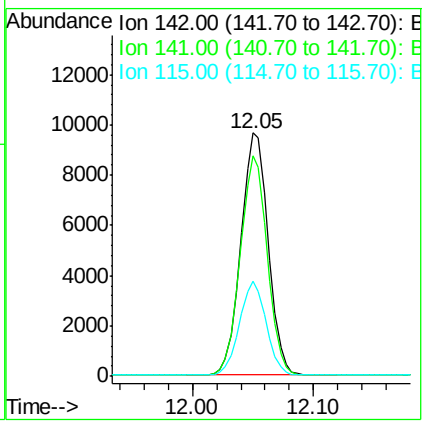


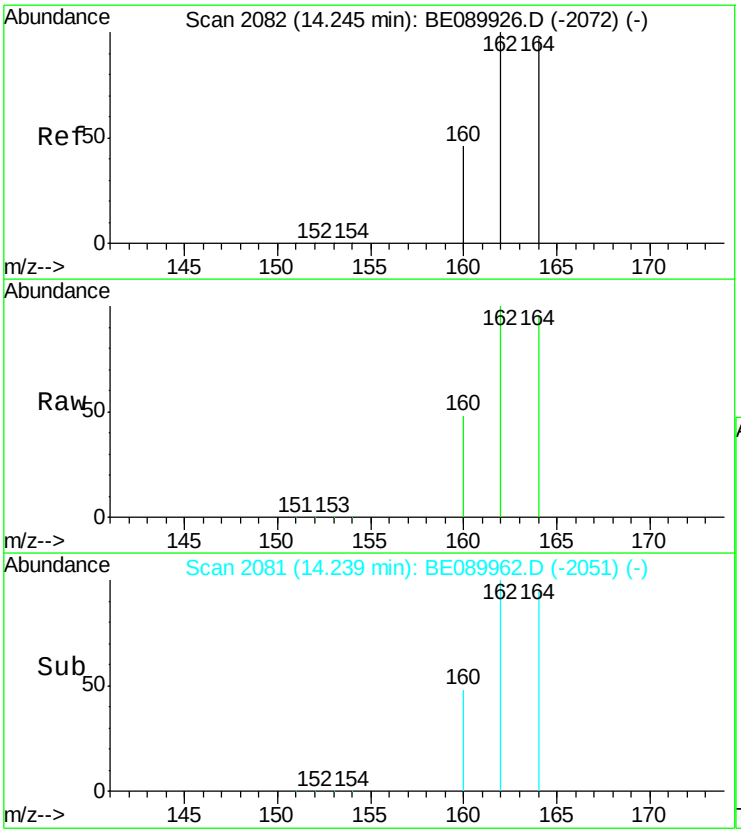
#11
2-Methylnaphthalene
Concen: 0.79 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 14956

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.1	106.7
115	39.2	29.1	43.7

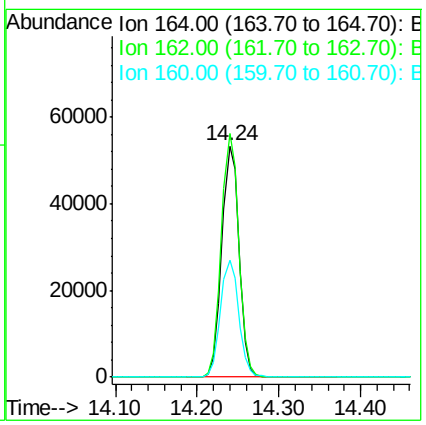


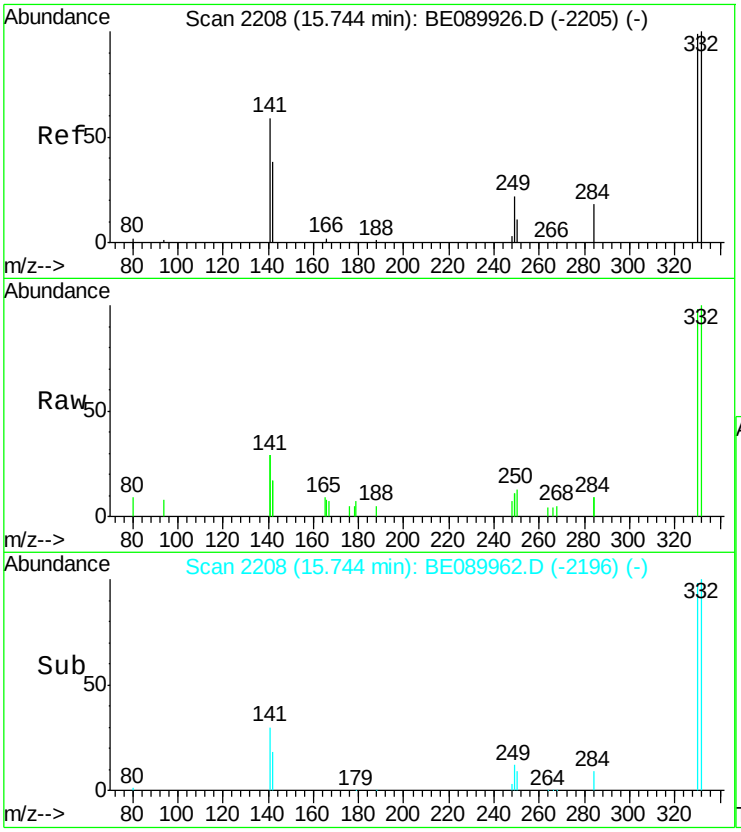


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:164 Resp: 77301

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.7	124.1
160	50.7	38.3	57.5



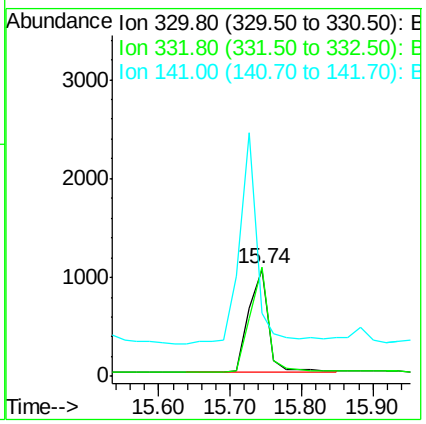


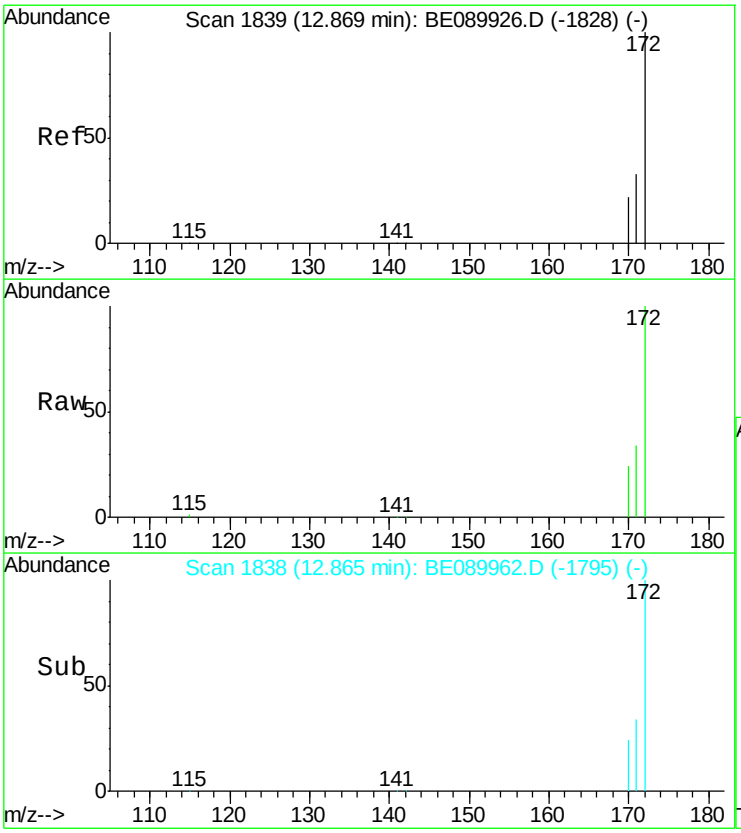
#13
2,4,6-Tribromophenol
Concen: 1.72 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 1997

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.9	116.9
141	176.8	142.8	214.2

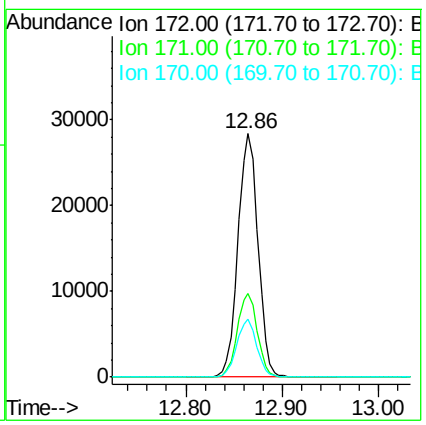


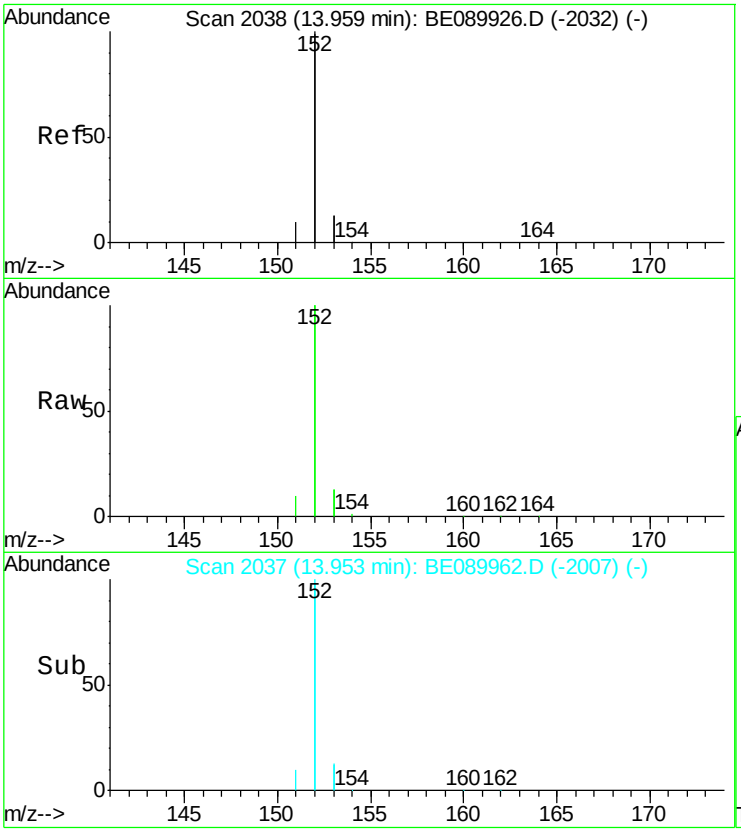


#14
2-Fluorobiphenyl
Concen: 1.80 ng
RT: 12.86 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:172 Resp: 40445

Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.7	40.1
170	23.9	17.5	26.3



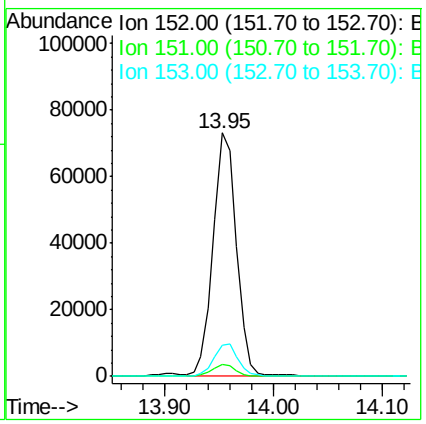


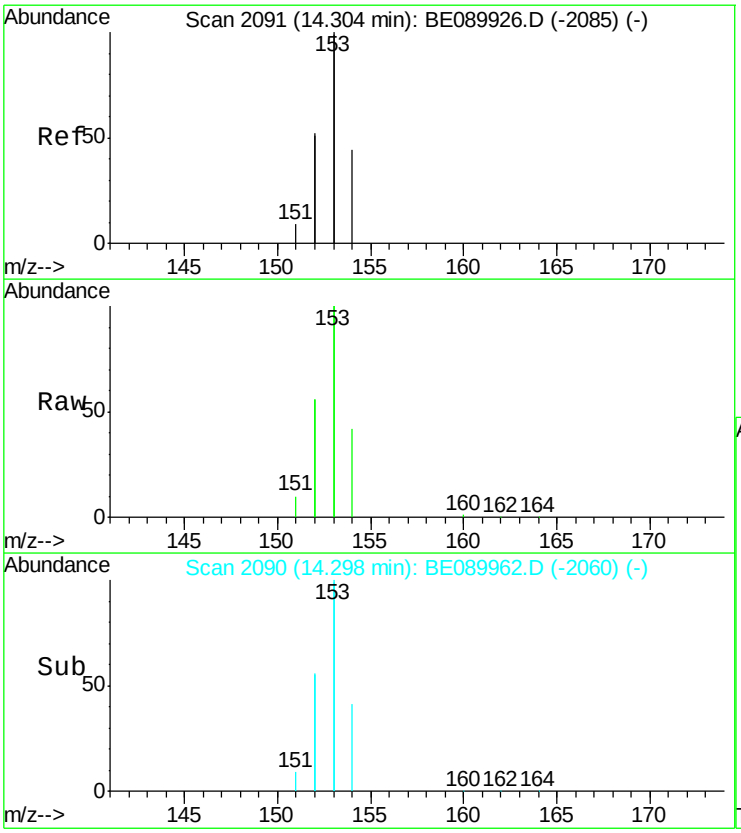
#15
Acenaphthylene
Concen: 0.78 ng
RT: 13.95 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 106338

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.3	10.4	15.6

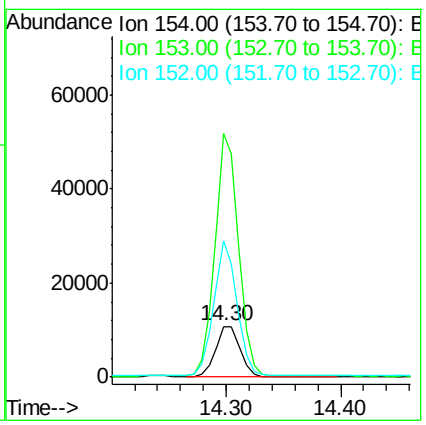


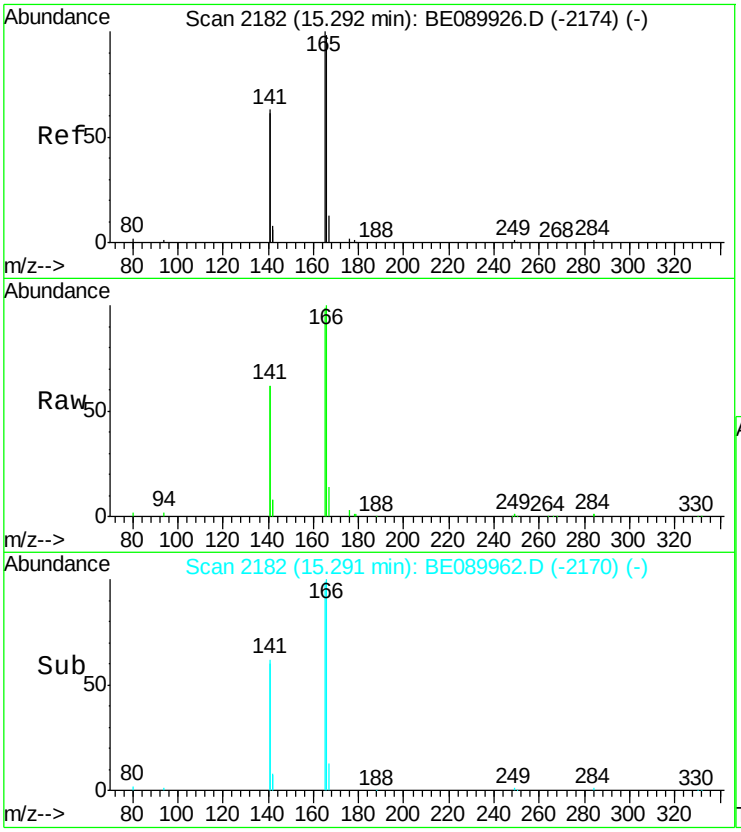


#16
Acenaphthene
Concen: 0.81 ng
RT: 14.30 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:154 Resp: 16087

Ion	Ratio	Lower	Upper
154	100		
153	458.9	362.8	544.2
152	252.7	194.6	291.8



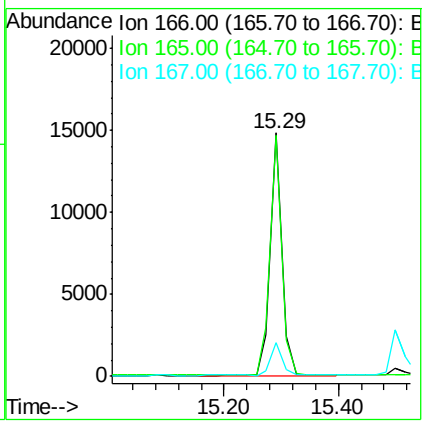


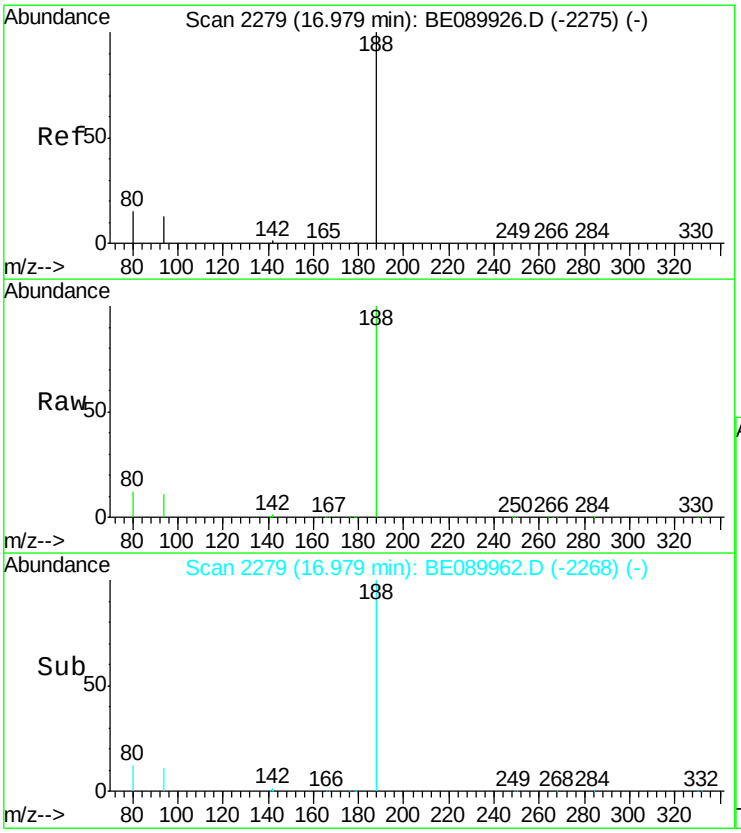
#17
Fluorene
Concen: 0.83 ng
RT: 15.29 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 20784

Ion	Ratio	Lower	Upper
166	100		
165	100.7	81.1	121.7
167	14.1	11.8	17.8

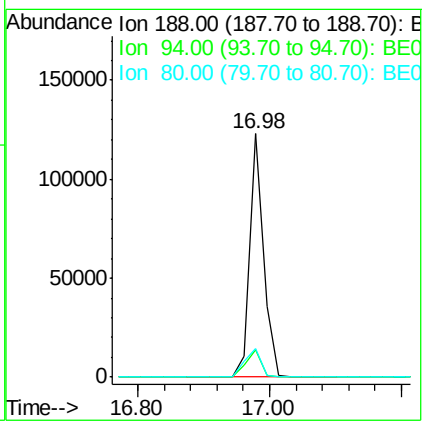


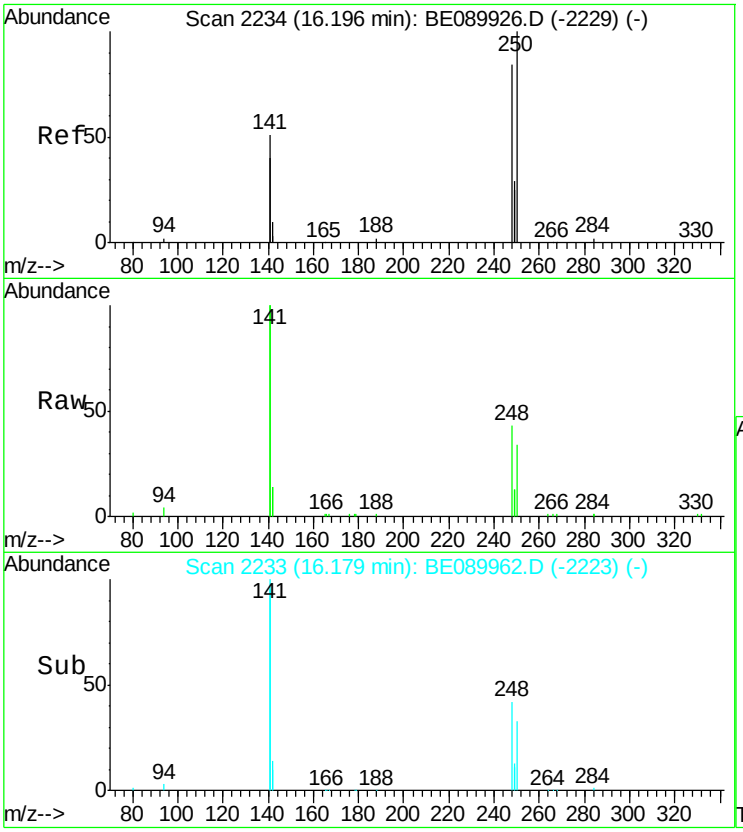


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:188 Resp: 179295

Ion	Ratio	Lower	Upper
188	100		
94	11.2	10.6	16.0
80	12.0	11.8	17.6



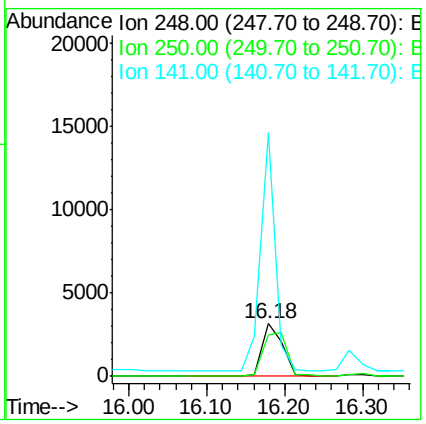


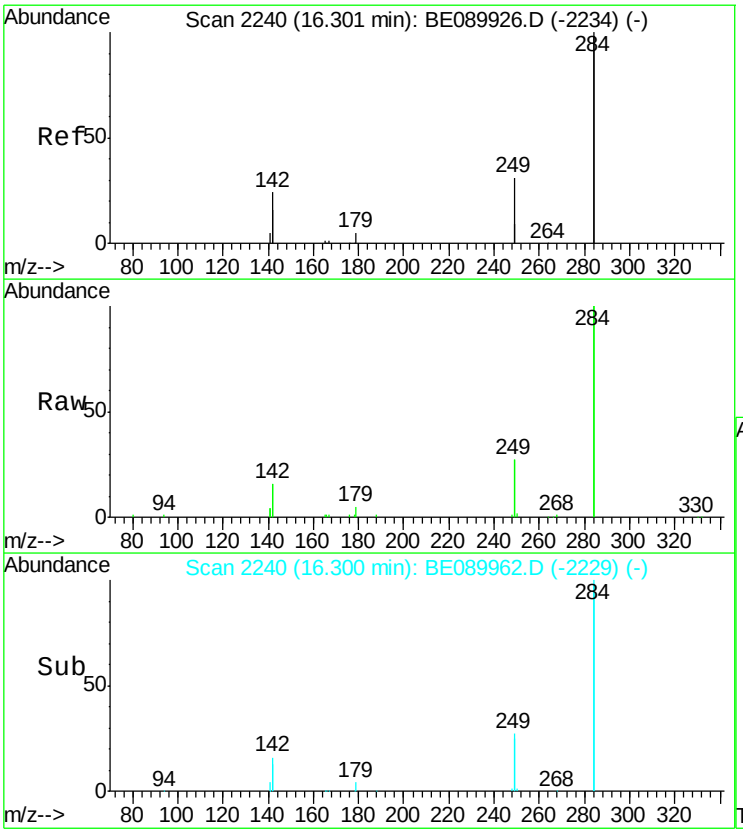
#19
4-Bromophenyl-phenylether
Concen: 0.75 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 5511

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.3	118.9
141	340.7	274.1	411.1

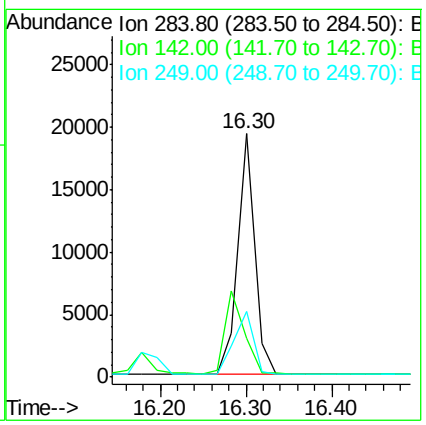


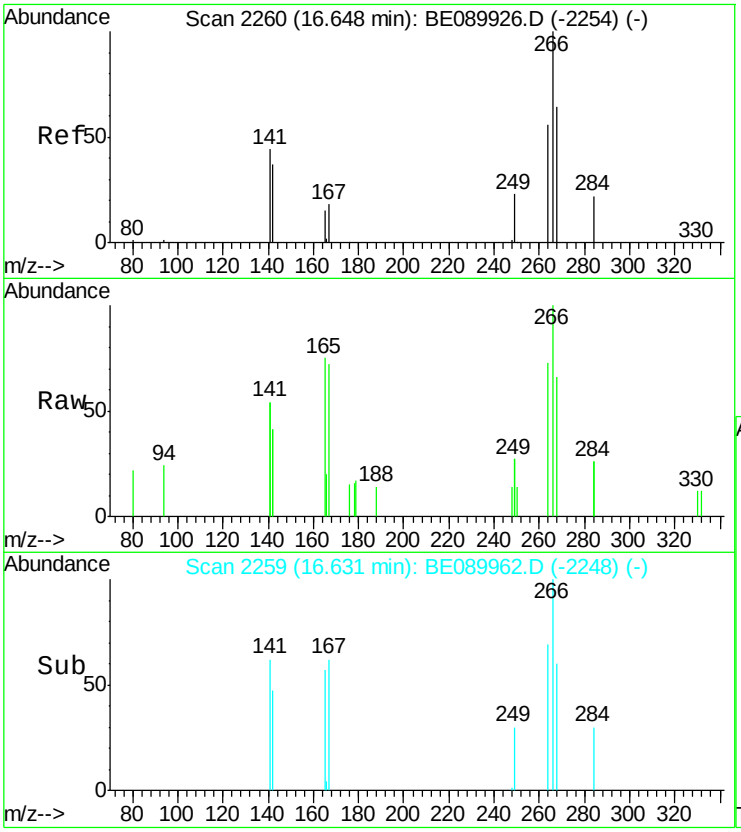


#20
Hexachlorobenzene
Concen: 0.82 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:284 Resp: 26335

Ion	Ratio	Lower	Upper
284	100		
142	39.1	32.0	48.0
249	30.8	25.0	37.6



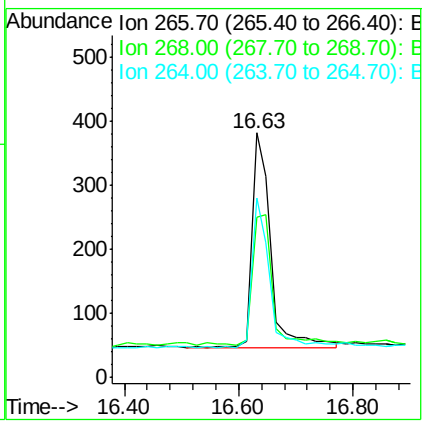


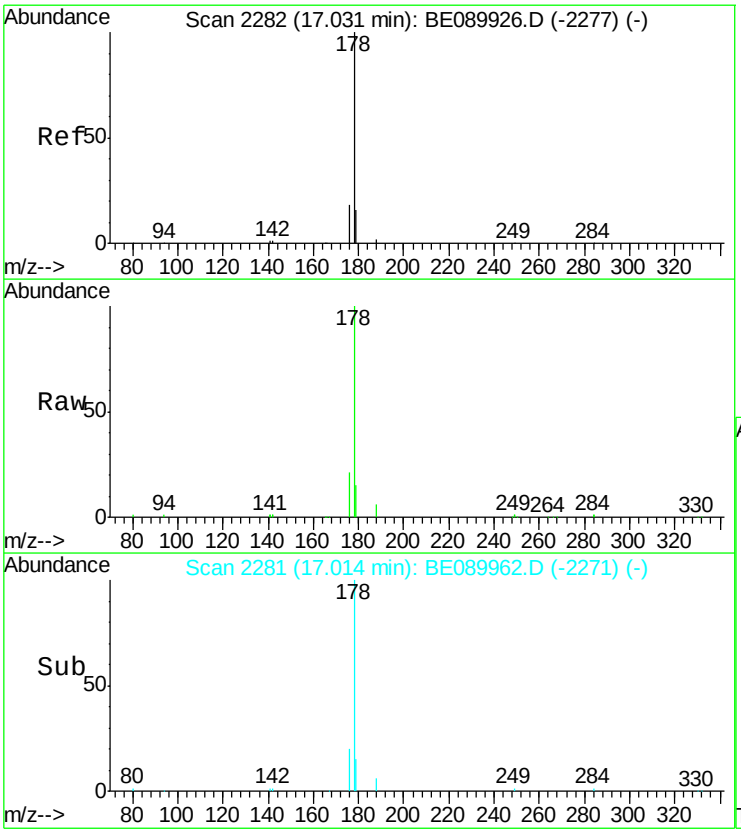
#21
Pentachlorophenol
Concen: 0.85 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 769

Ion	Ratio	Lower	Upper
266	100		
268	65.6	54.4	81.6
264	73.2	48.2	72.2#

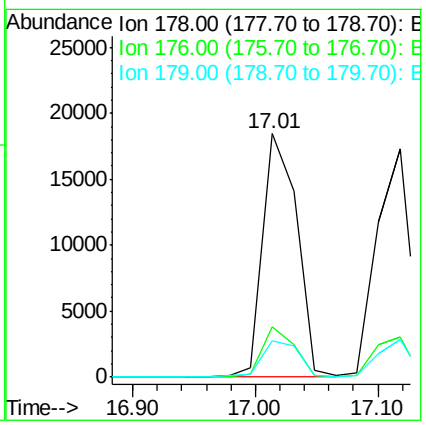


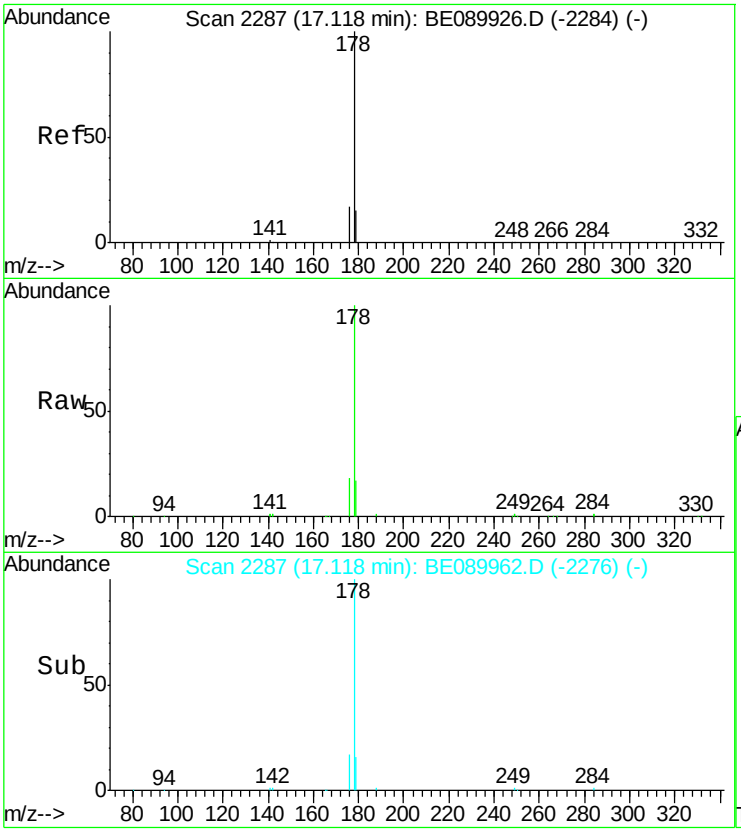


#22
Phenanthrene
Concen: 0.78 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:178 Resp: 35148

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.6	19.0



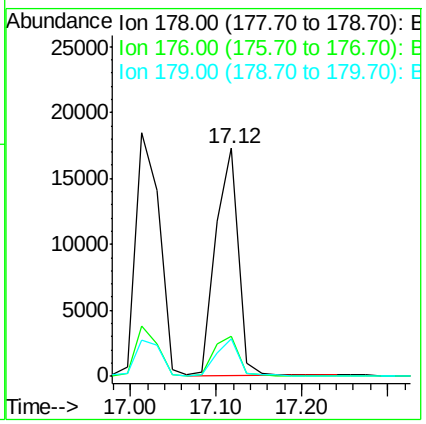


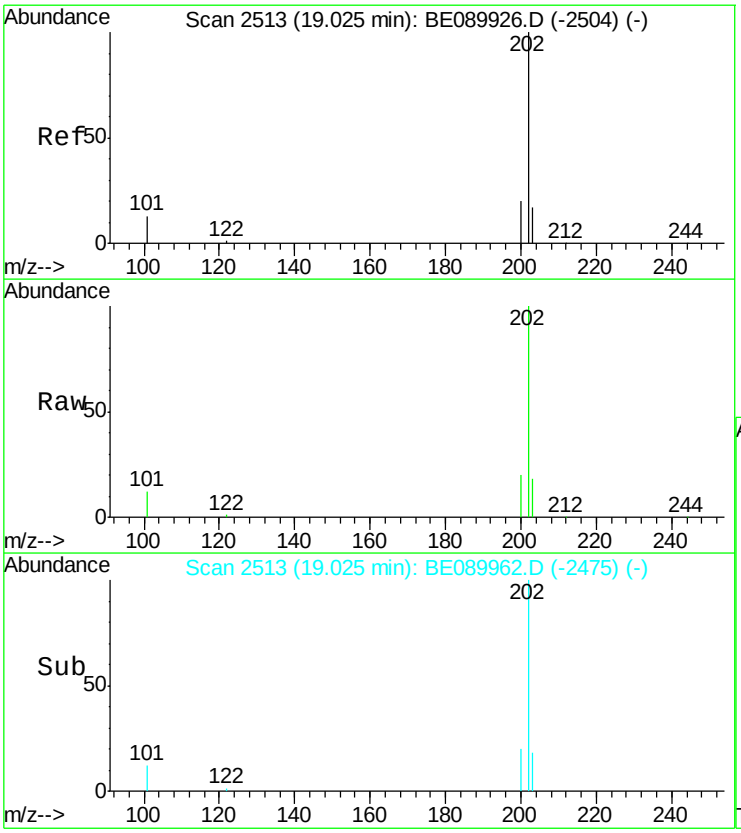
#23
Anthracene
Concen: 0.76 ng
RT: 17.12 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 31650

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.6	12.3	18.5

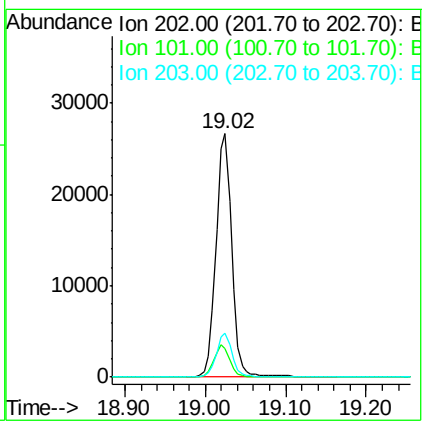


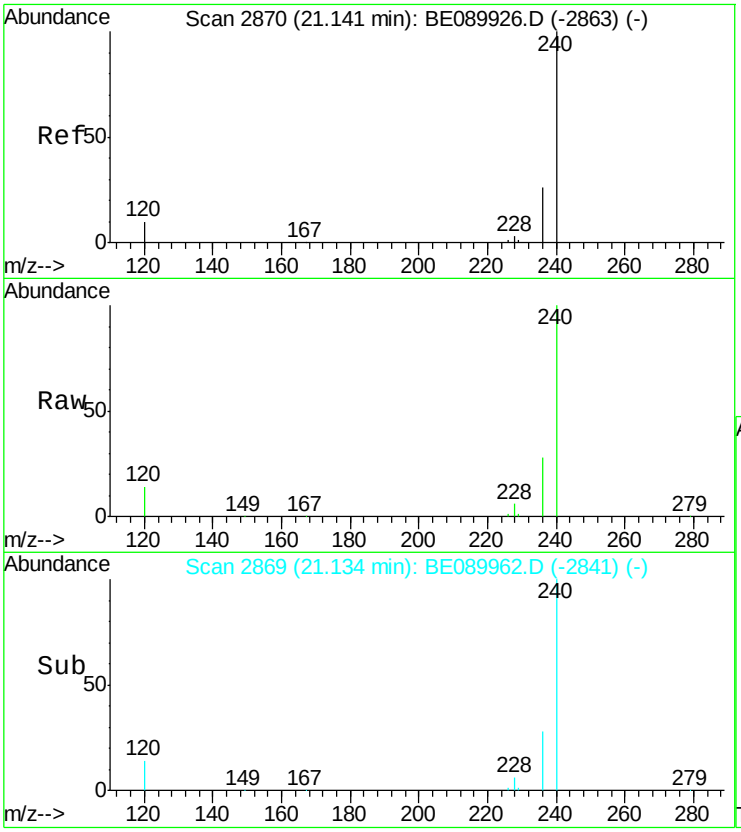


#24
Fluoranthene
Concen: 0.74 ng
RT: 19.02 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:202 Resp: 36114

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
203	17.3	13.8	20.8



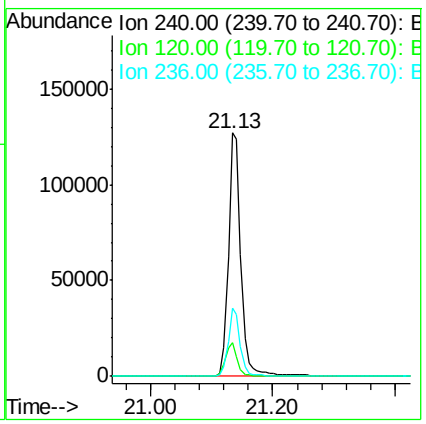


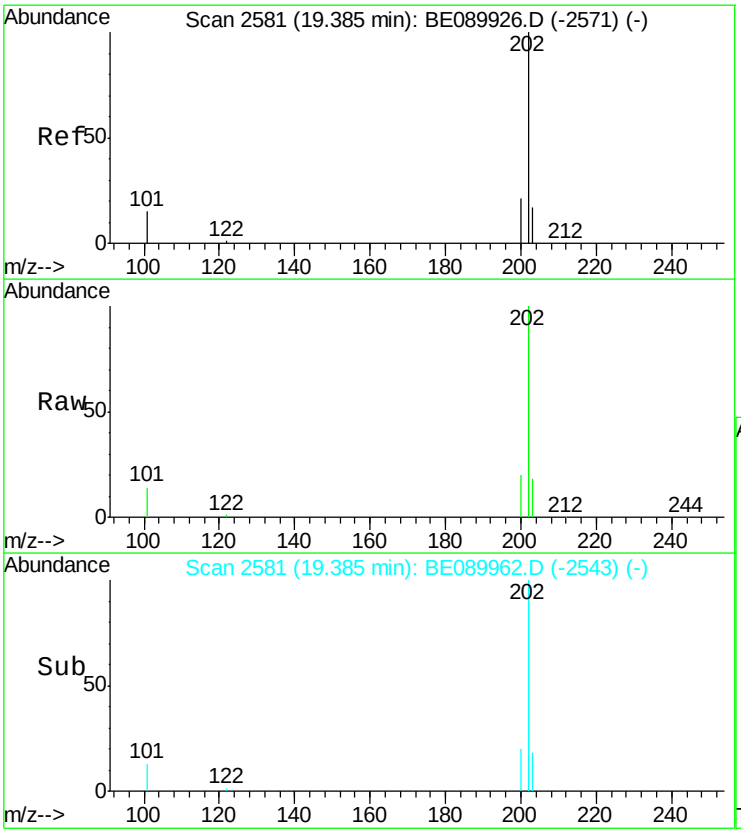
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 180415

Ion	Ratio	Lower	Upper
240	100		
120	13.6	7.9	11.9#
236	27.8	21.2	31.8

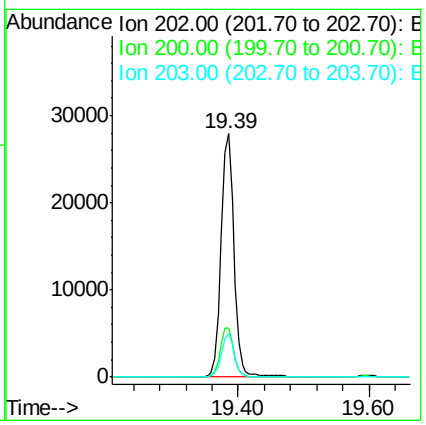


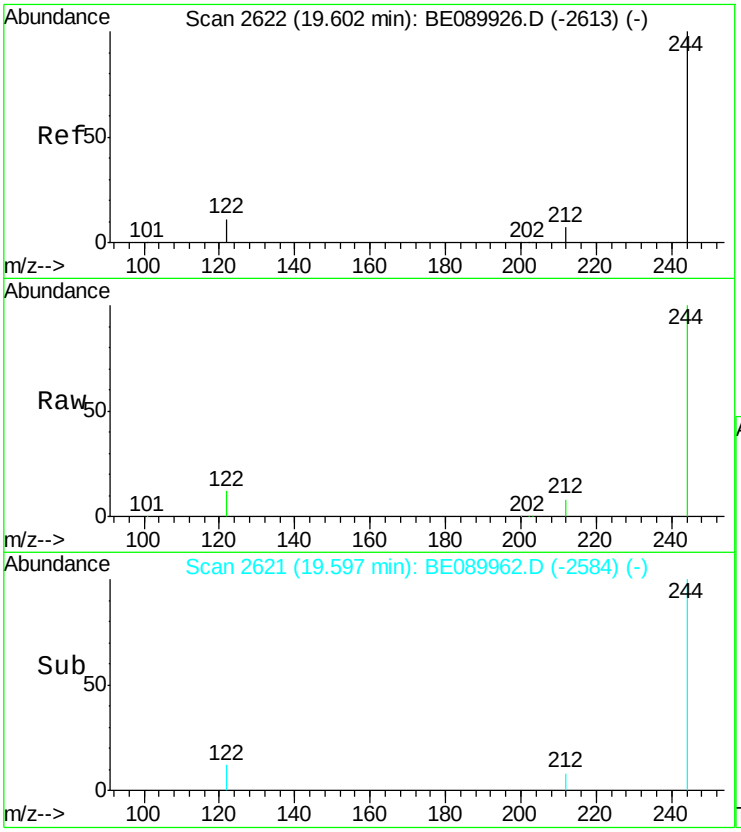


#26
Pyrene
Concen: 0.82 ng
RT: 19.39 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:202 Resp: 37575

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.4	13.9	20.9



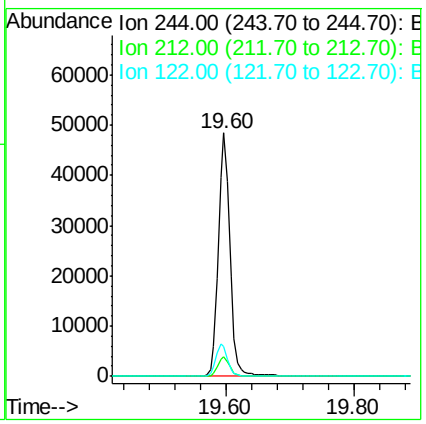


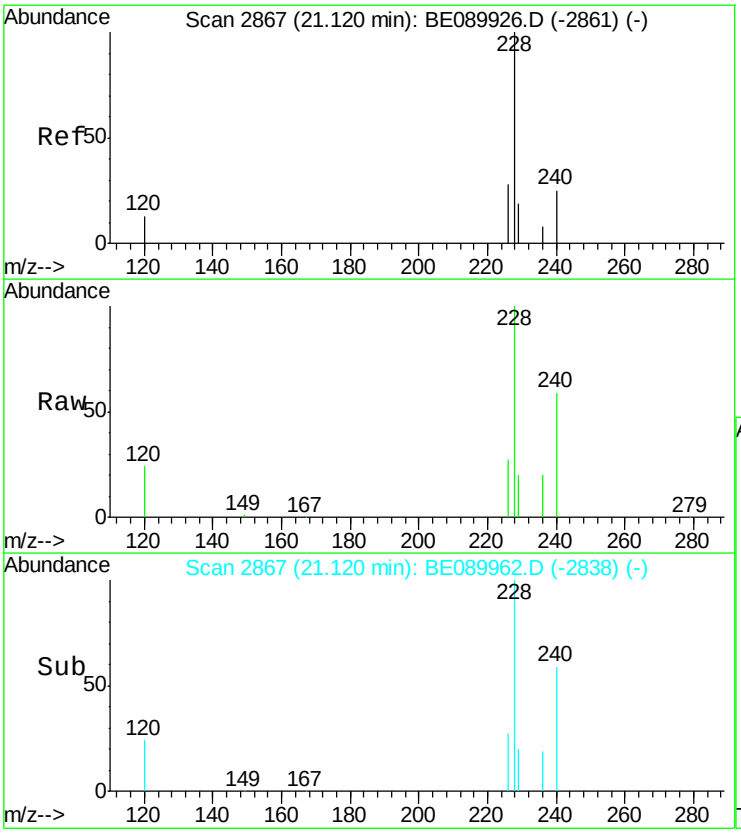
#27
Terphenyl-d14
Concen: 1.94 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 60285

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	12.1	8.7	13.1

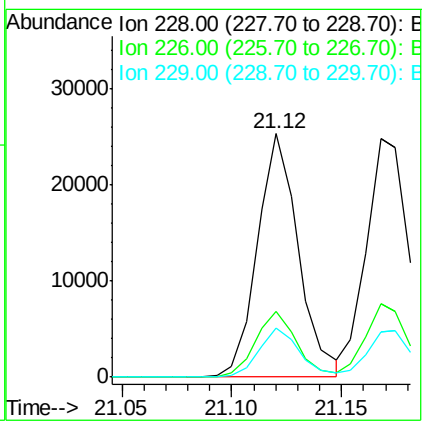


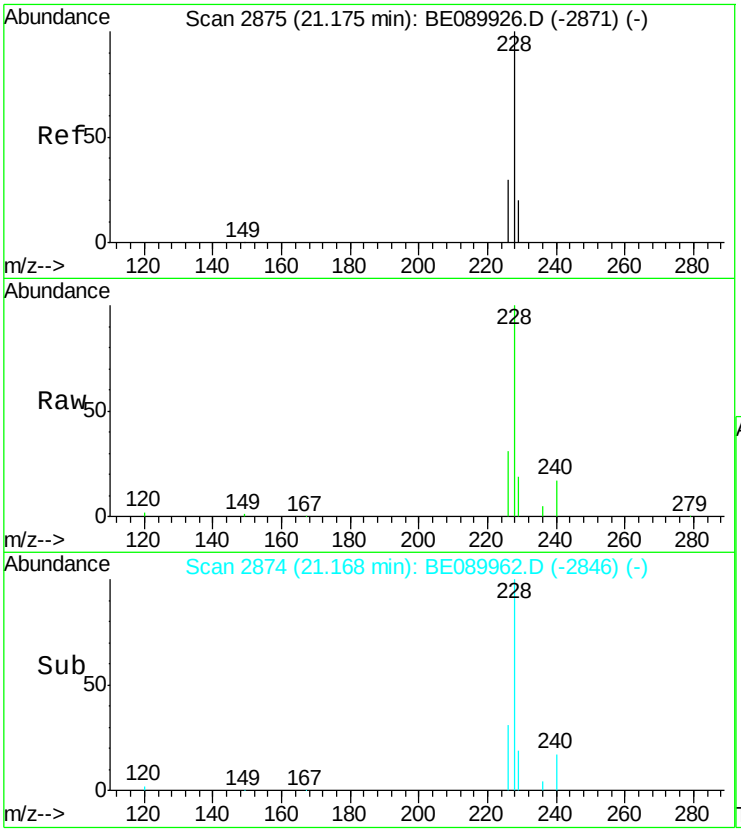


#28
Benzo(a)anthracene
Concen: 0.76 ng
RT: 21.12 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:228 Resp: 32881

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.4
229	20.0	15.3	22.9



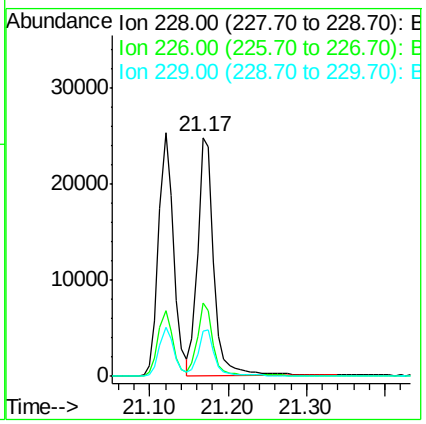


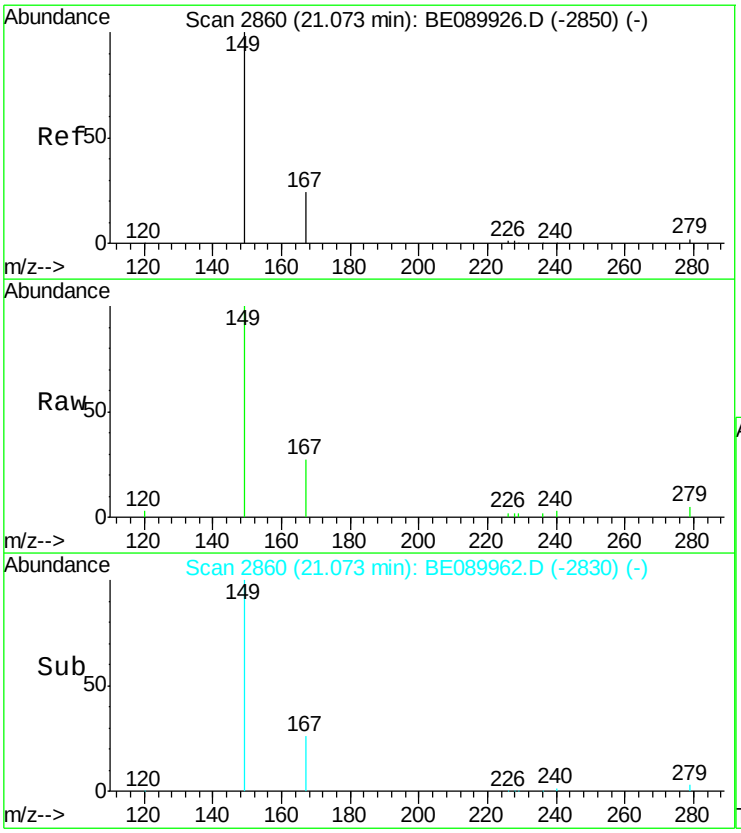
#29
Chrysene
Concen: 0.76 ng
RT: 21.17 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 35709

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.7	35.5
229	18.8	15.8	23.8

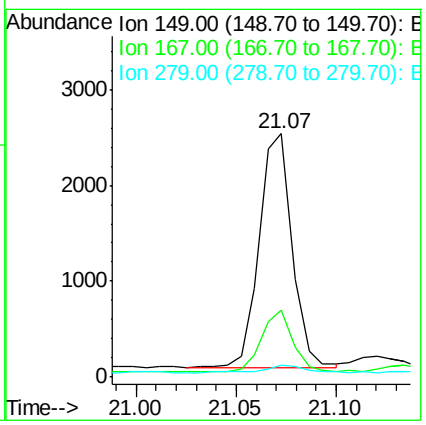


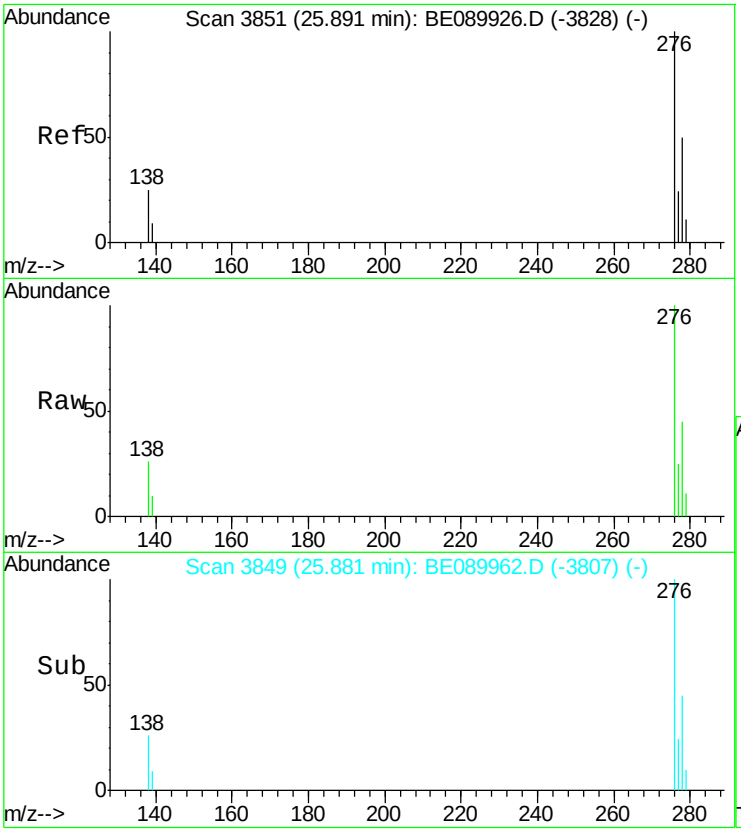


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.76 ng
RT: 21.07 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:149 Resp: 2781

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.3	30.5
279	3.2	2.7	4.1



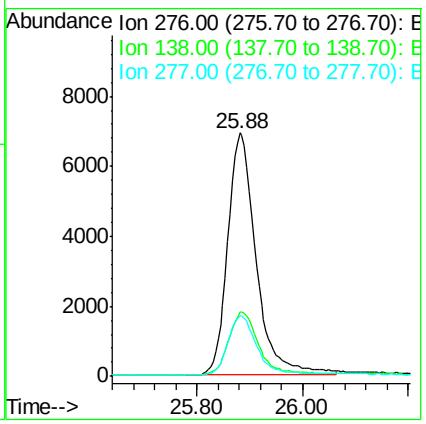


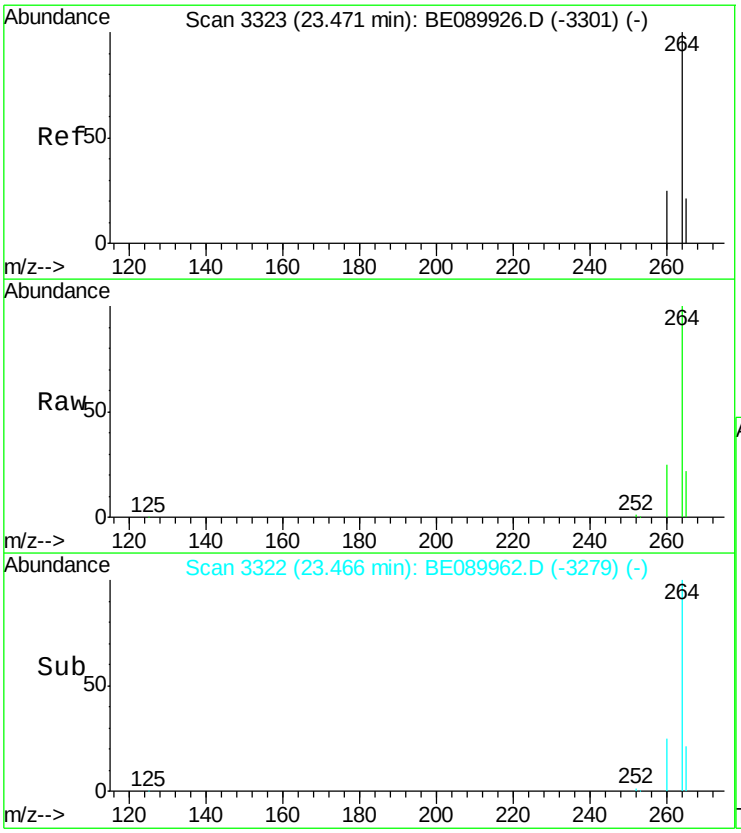
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.75 ng
RT: 25.88 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 25811

Ion	Ratio	Lower	Upper
276	100		
138	27.1	0.0	0.0#
277	24.5	0.0	0.0#

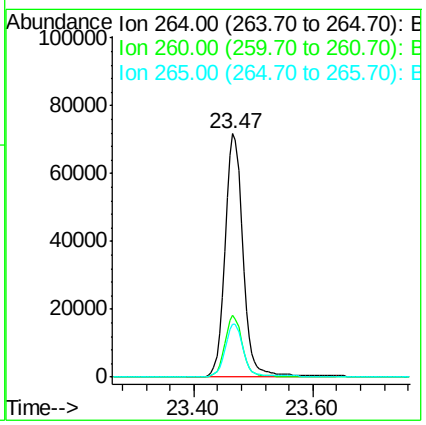


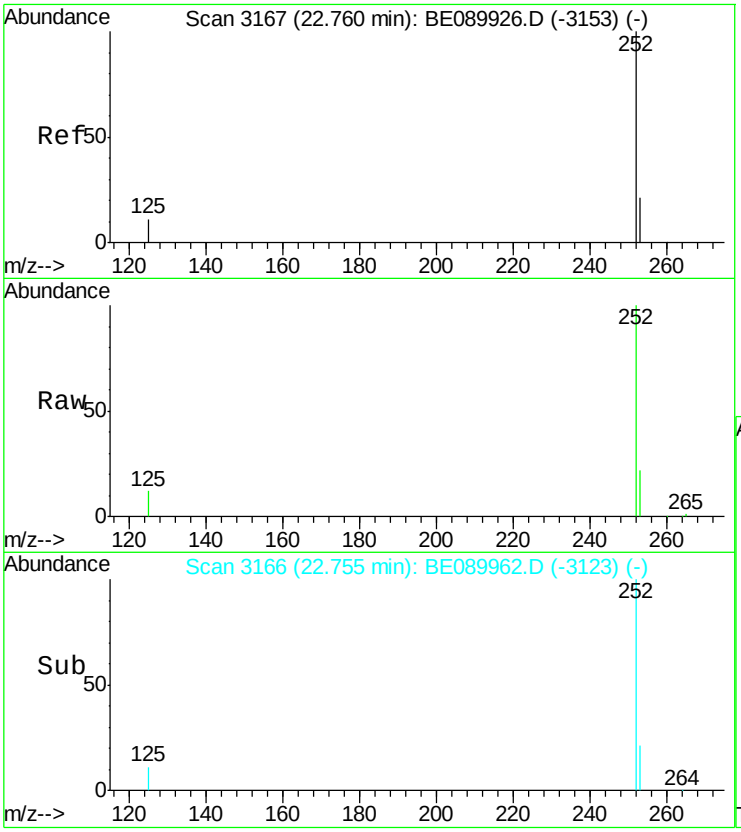


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:264 Resp: 149956

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.6
265	21.6	17.3	25.9



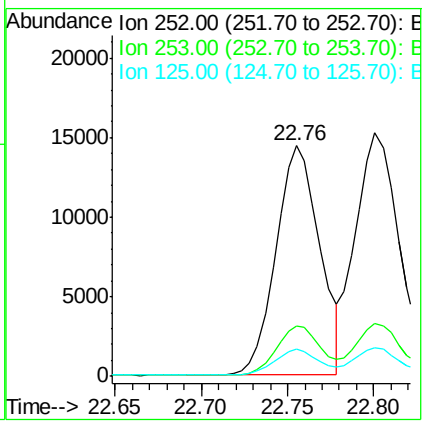


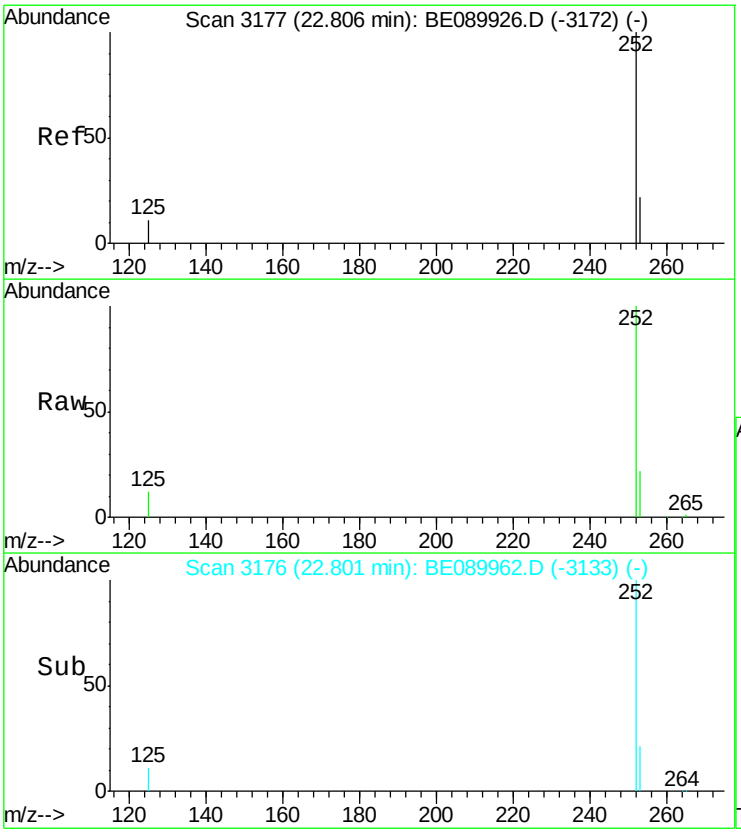
#33
Benzo(b)fluoranthene
Concen: 0.80 ng
RT: 22.76 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 25480

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	11.9	9.3	13.9

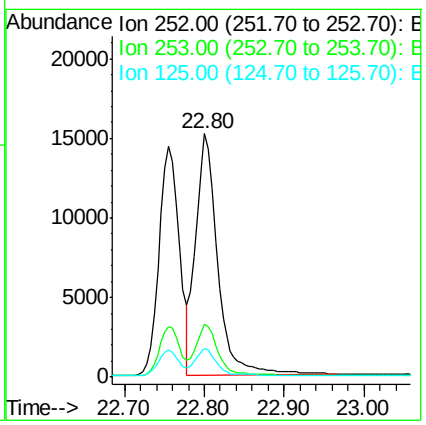


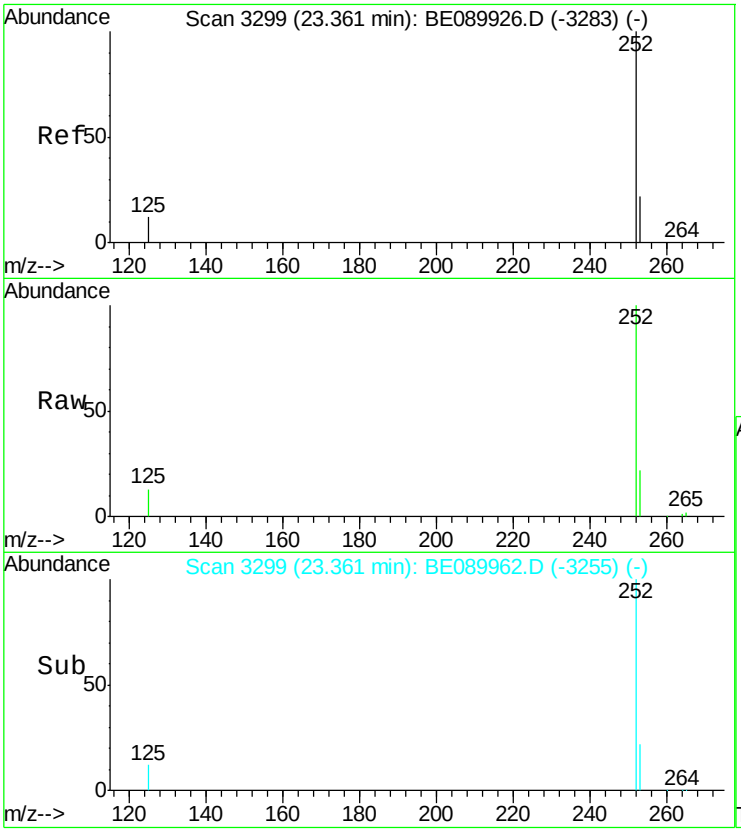


#34
Benzo(k)fluoranthene
Concen: 0.81 ng
RT: 22.80 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:252 Resp: 29038

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.6	9.2	13.8



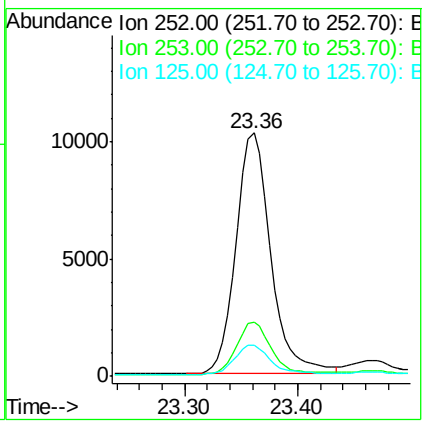


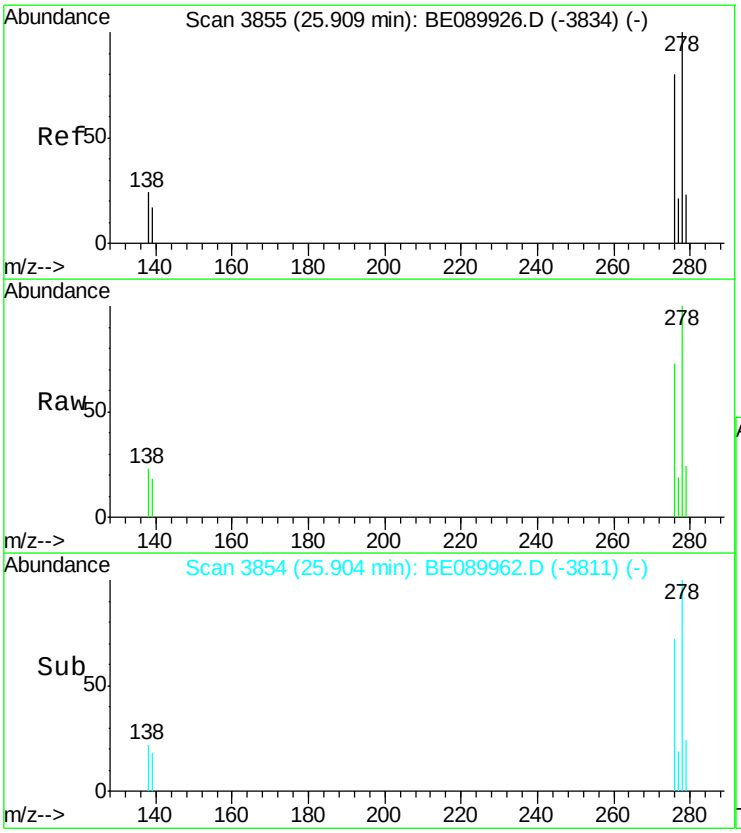
#35
Benzo(a)pyrene
Concen: 0.76 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 21542

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	13.0	10.3	15.5

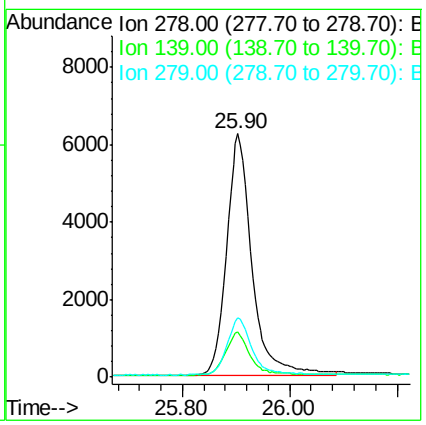


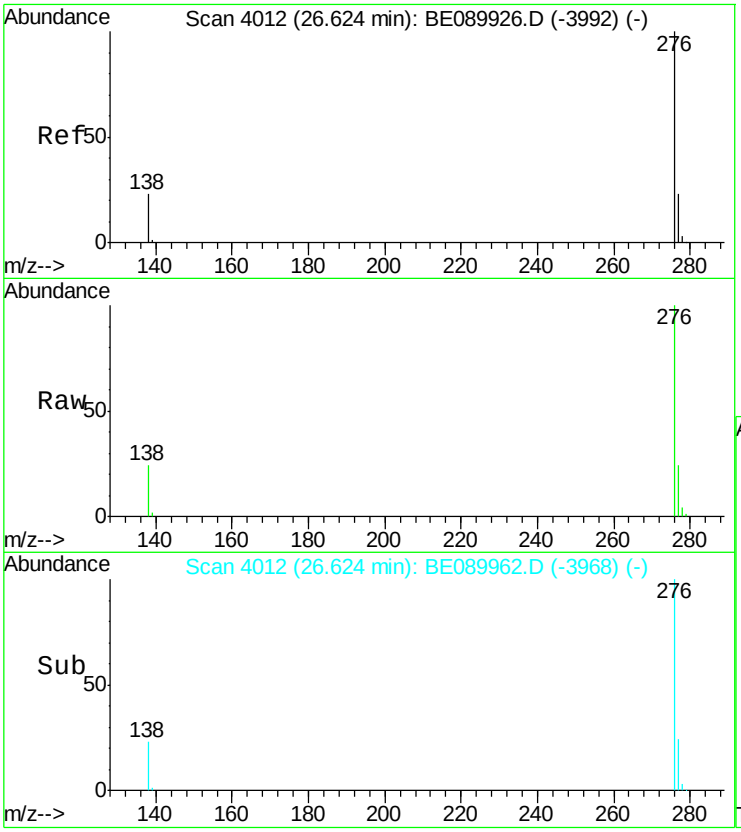


#36
Dibenzo(a,h)anthracene
Concen: 0.78 ng
RT: 25.90 min Scan# 3854
Delta R.T. -0.01 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Tgt Ion:278 Resp: 20465

Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.1	21.1
279	24.5	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 0.78 ng
RT: 26.62 min Scan# 4012
Delta R.T. -0.00 min
Lab File: BE089962.D
Acq: 27 Jun 2015 4:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 21871

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	23.9	18.8	28.2