Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089966.D
Acq On : 27 Jun 2015 8:45
Operator : TP/IZ
Sample : G2782-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X3SS0220006-150624

Quant Time: Jun 29 00:53:25 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	27831	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	135585	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	82161	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	189539	5.00	ng		0.00
25) Chrysene-d12	21.13	240	203701	5.00	ng		0.00
32) Perylene-d12	23.47	264	184318	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	74863	14.90	ng		0.00
5) Phenol-d6	6.81	99	121136	15.73	ng		0.00
7) Nitrobenzene-d5	8.77	82	81989	8.12	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	21397	14.50	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	189628	7.92	ng		0.00
27) Terphenyl-d14	19.60	244	270201	7.68	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.47	42	303	0.06	ng	#	1
8) Nitrobenzene	8.81	77	248	0.02	ng	#	95
9) Naphthalene	10.44	128	764	0.03	ng	#	79
11) 2-Methylnaphthalene	12.05	142	625	0.03	ng	#	92
15) Acenaphthylene	13.95	152	5170	0.04	ng		99
16) Acenaphthene	14.30	154	812	0.04	ng		98
17) Fluorene	15.29	166	1197	0.04	ng	#	87
19) 4-Bromophenyl-phenylether	16.18	248	258	0.03	ng		83
20) Hexachlorobenzene	16.30	284	1192	0.04	ng	#	87
21) Pentachlorophenol	16.63	266	1104	1.00	ng	#	90
22) Phenanthrene	17.12	178	1886	0.04	ng		98
23) Anthracene	17.12	178	1928	0.04	ng		99
24) Fluoranthene	19.02	202	6880	0.13	ng		99
26) Pyrene	19.38	202	6974	0.14	ng	#	96
28) Benzo(a)anthracene	21.12	228	5970	0.12	ng		97
29) Chrysene	21.17	228	6231	0.12	ng		96
30) Bis(2-ethylhexyl)phthalate	21.07	149	5694	1.37	ng		97
31) Indeno(1,2,3-cd)pyrene	25.88	276	3736	0.10	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	6242	0.16	ng	#	90
34) Benzo(k)fluoranthene	22.80	252	3872	0.09	ng	#	75
35) Benzo(a)pyrene	23.36	252	4461	0.13	ng	#	90
36) Dibenzo(a,h)anthracene	25.90	278	1831	0.06	ng	#	71
37) Benzo(g,h,i)perylene	26.62	276	3592	0.10	ng	#	88

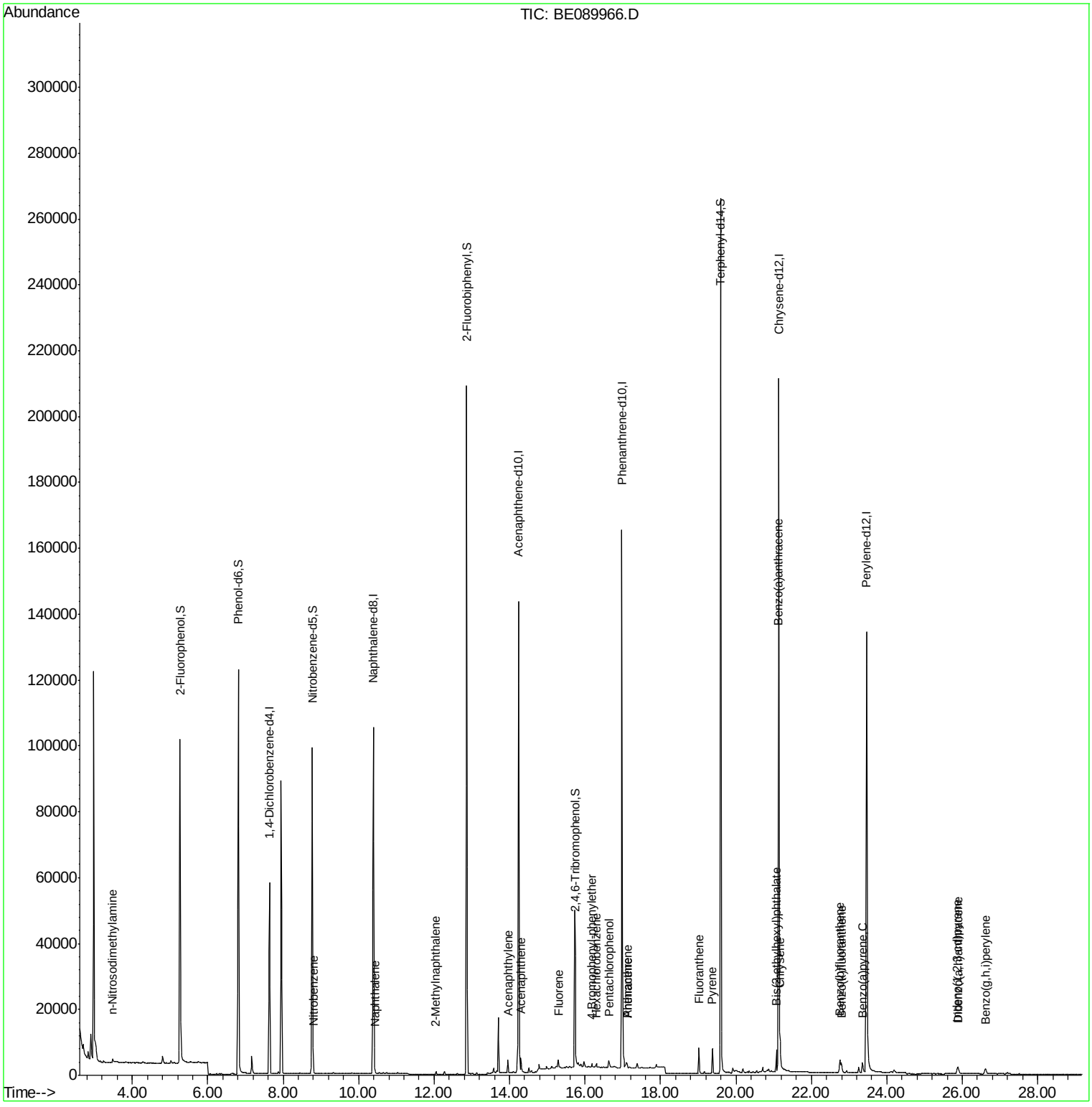
(#) = qualifier out of range (m) = manual integration (+) = signals summed

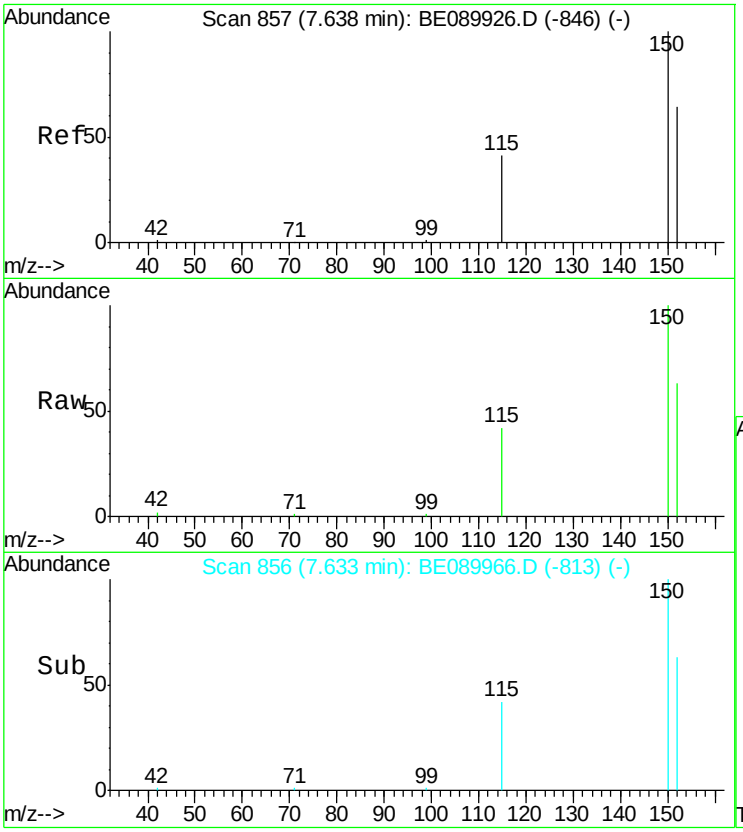
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089966.D
Acq On : 27 Jun 2015 8:45
Operator : TP/IZ
Sample : G2782-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Quant Time: Jun 29 00:53:25 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



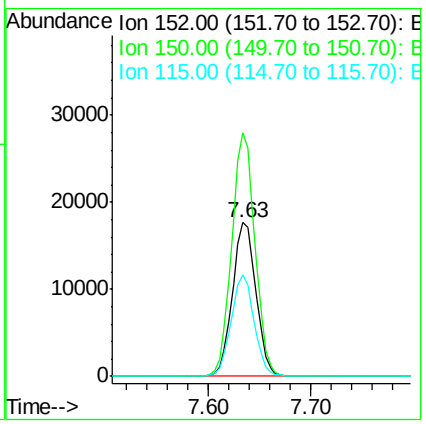


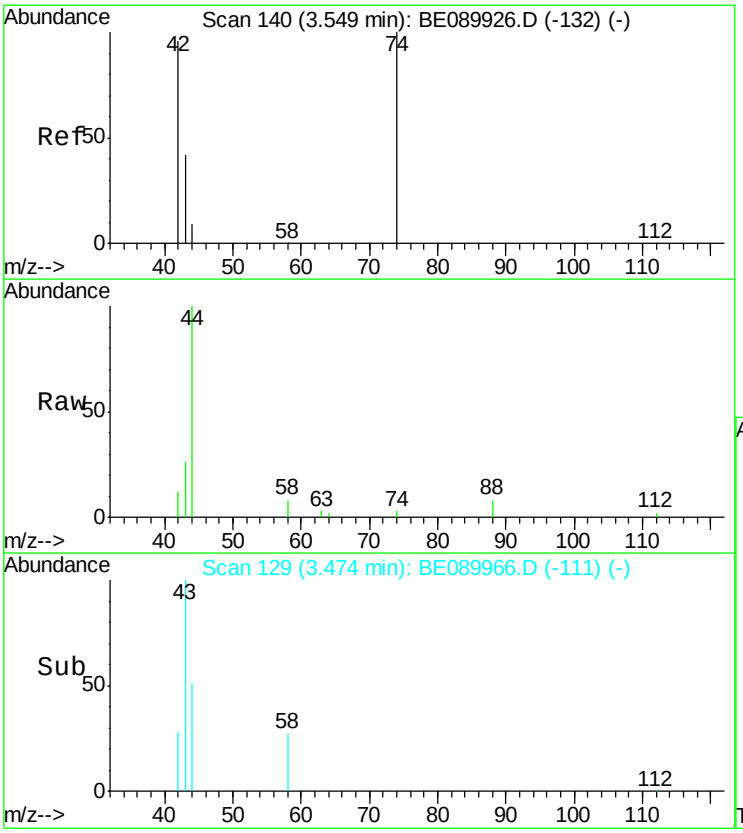
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:152 Resp: 27831

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	66.2	51.6	77.4

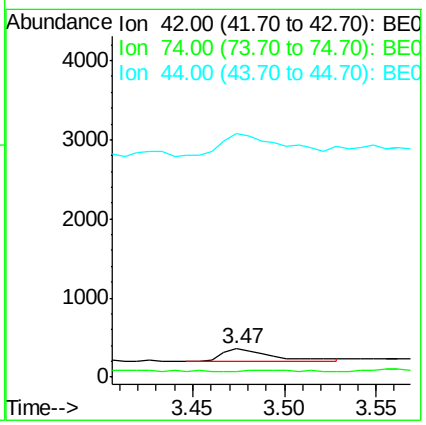


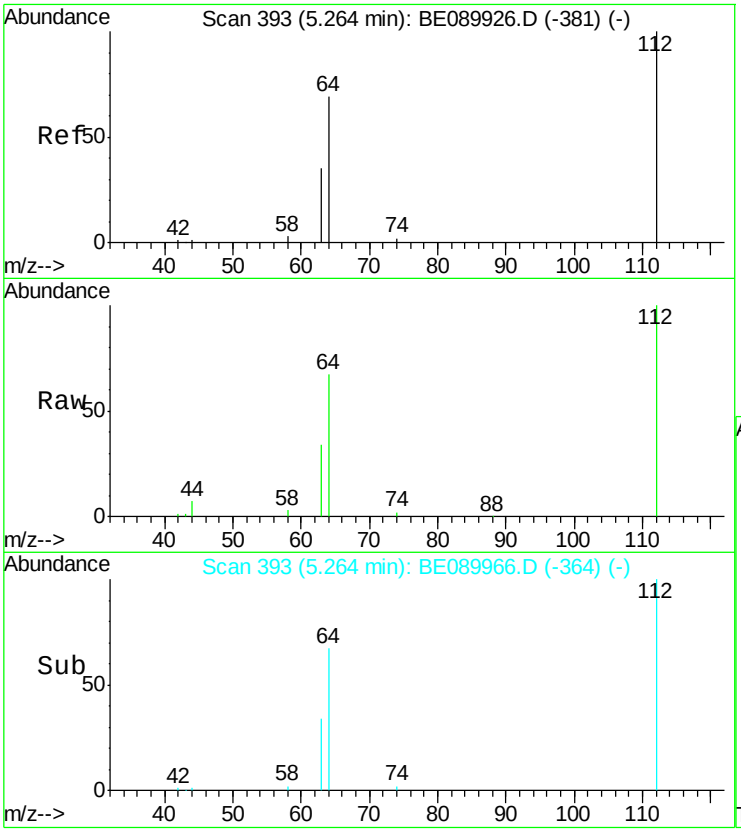


#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.47 min Scan# 129
Delta R.T. -0.07 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion: 42 Resp: 303

Ion	Ratio	Lower	Upper
42	100		
74	0.0	85.4	128.2#
44	207.3	8.4	12.6#



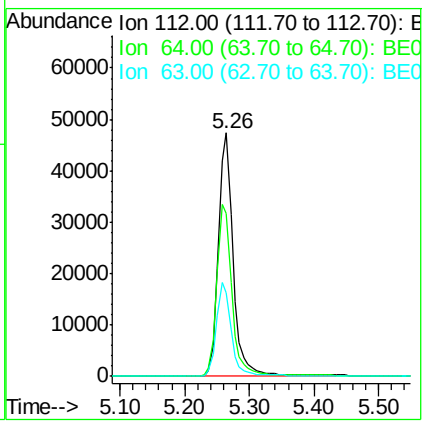


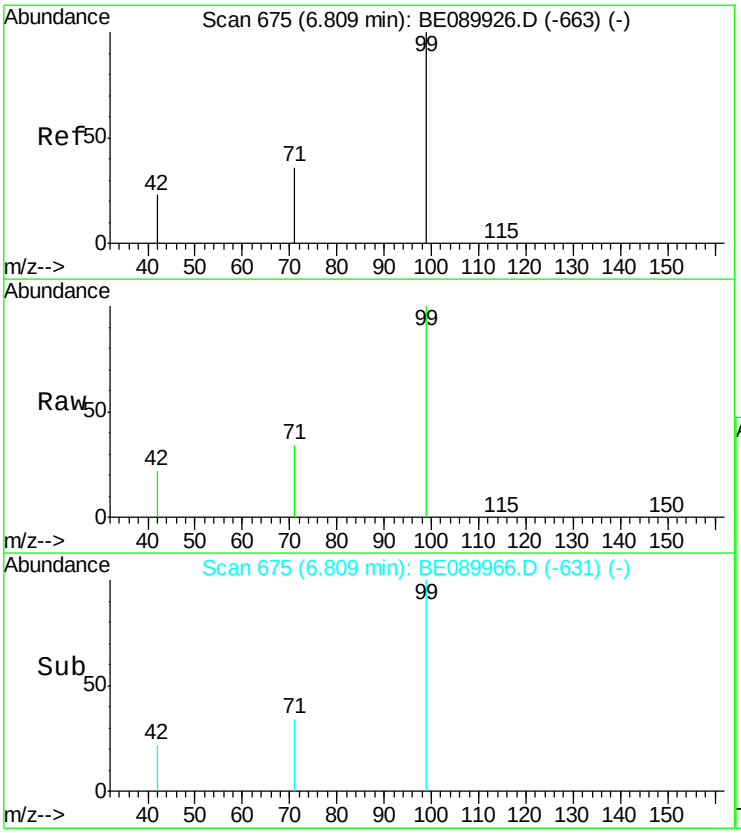
#4
2-Fluorophenol
Concen: 14.90 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:112 Resp: 74863

Ion	Ratio	Lower	Upper
112	100		
64	72.3	57.4	86.2
63	38.3	31.2	46.8

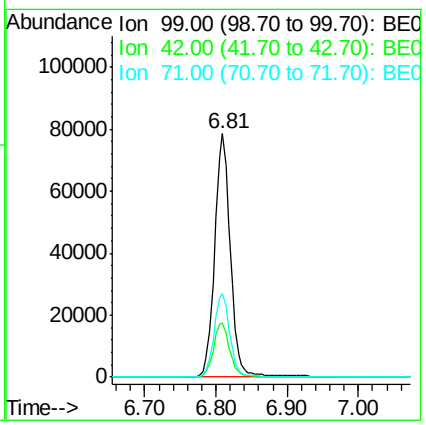


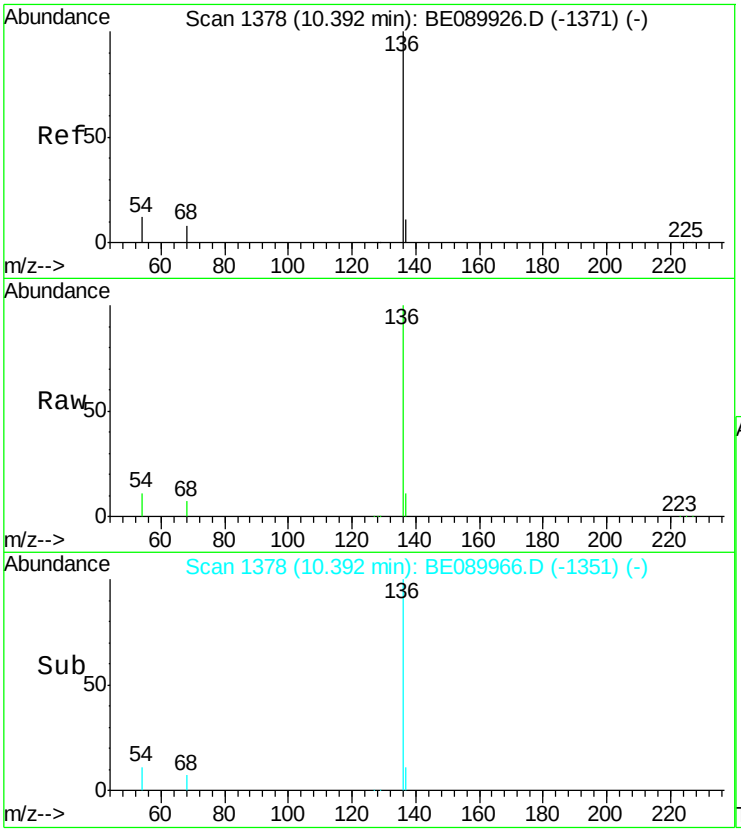


#5
Phenol-d6
Concen: 15.73 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion: 99 Resp: 121136

Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.5	29.3
71	34.8	27.8	41.6



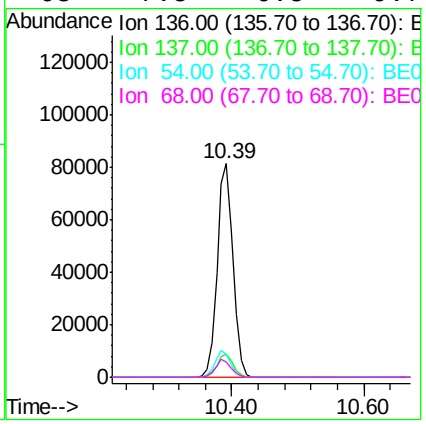


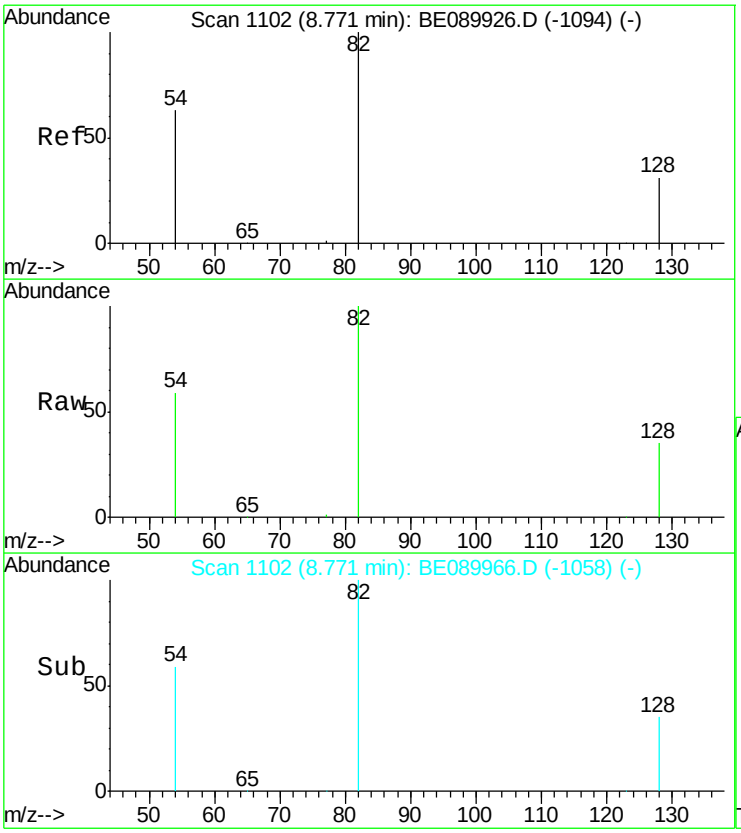
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:136 Resp: 135585

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.7	9.7	14.5
68	7.5	6.5	9.7

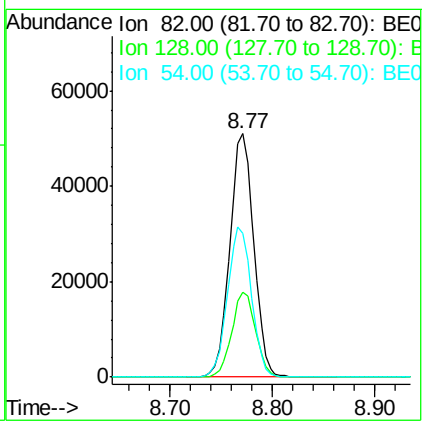


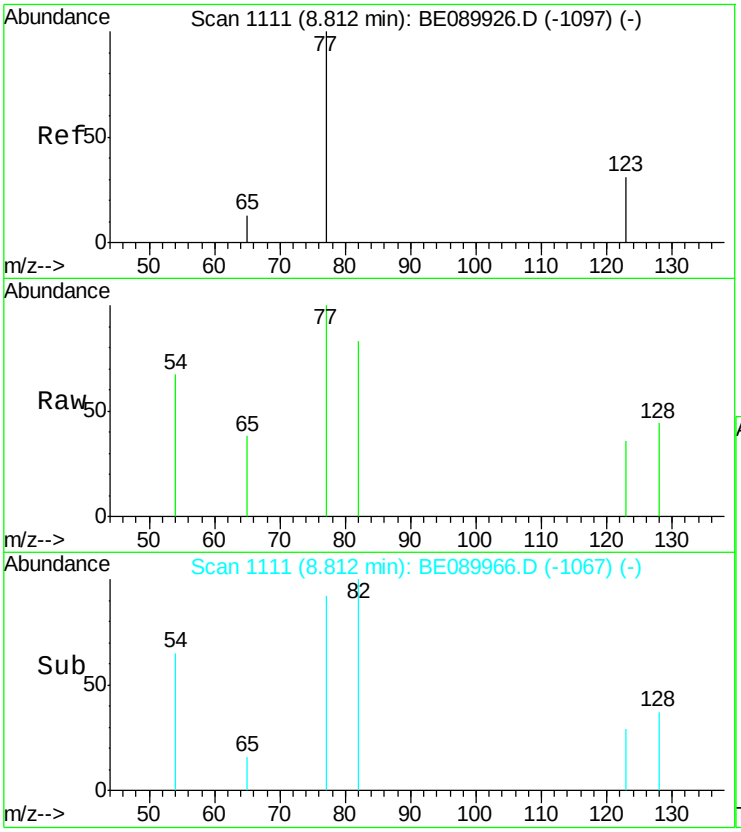


#7
Nitrobenzene-d5
Concen: 8.12 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion: 82 Resp: 81989

Ion	Ratio	Lower	Upper
82	100		
128	35.1	25.6	38.4
54	59.1	51.2	76.8



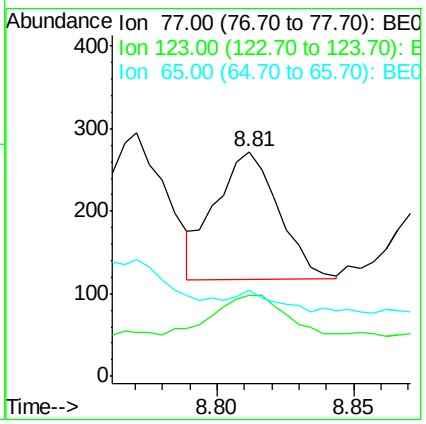


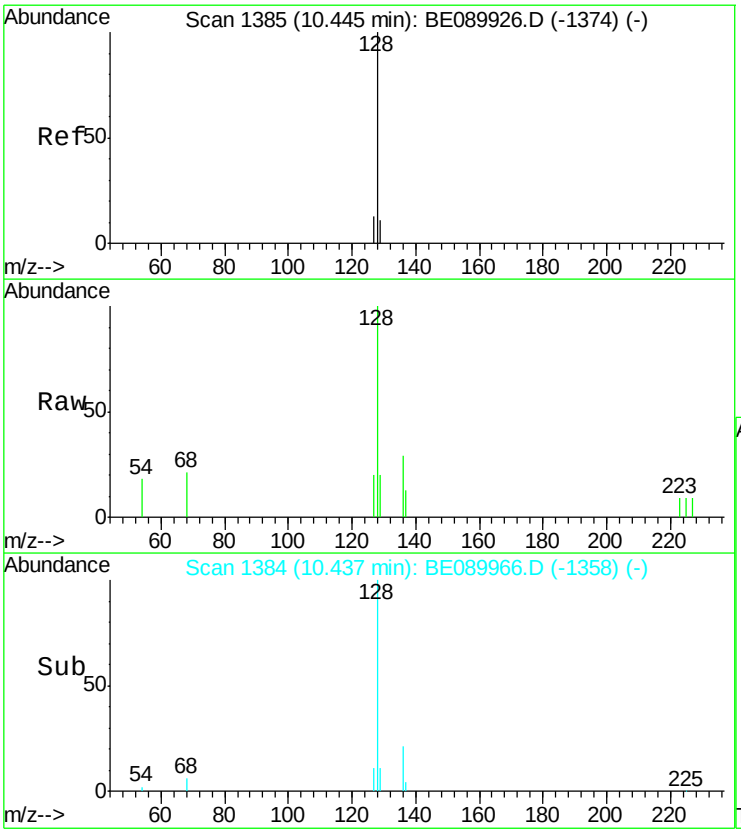
#8
Nitrobenzene
Concen: 0.02 ng
RT: 8.81 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion: 77 Resp: 248

Ion	Ratio	Lower	Upper
77	100		
123	34.3	26.6	39.8
65	17.3	10.2	15.4#

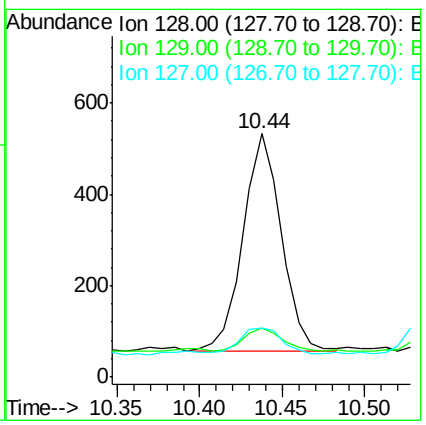


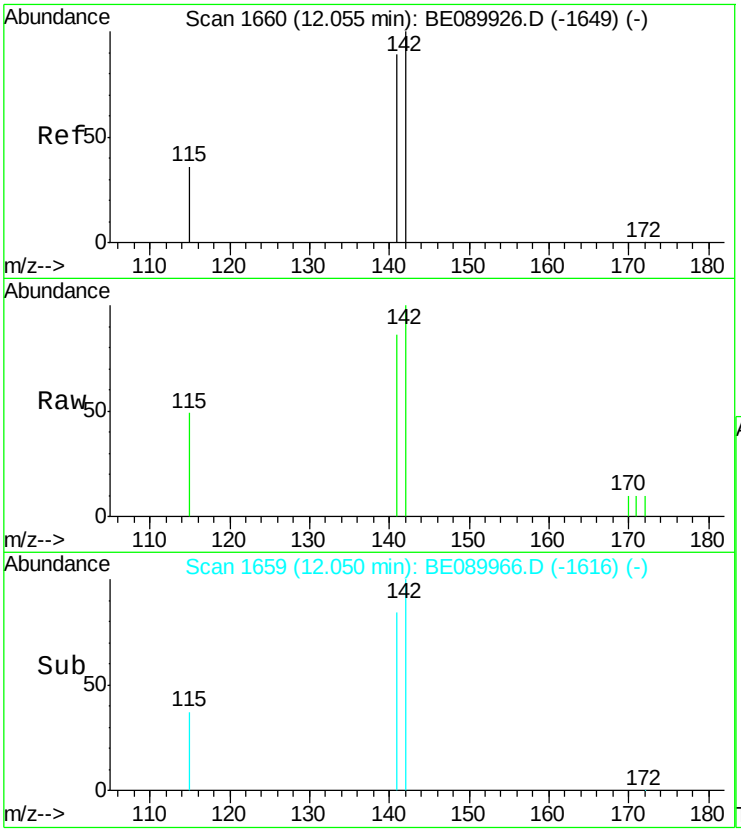


#9
Naphthalene
Concen: 0.03 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:128 Resp: 764

Ion	Ratio	Lower	Upper
128	100		
129	20.3	8.9	13.3#
127	20.1	10.2	15.4#



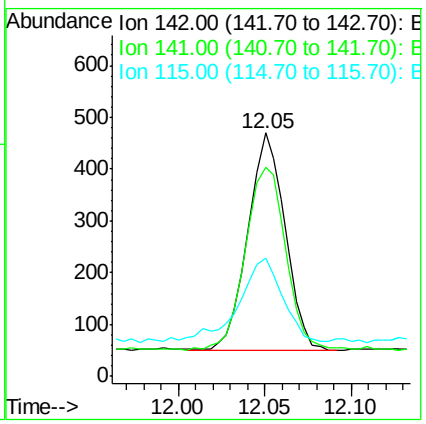


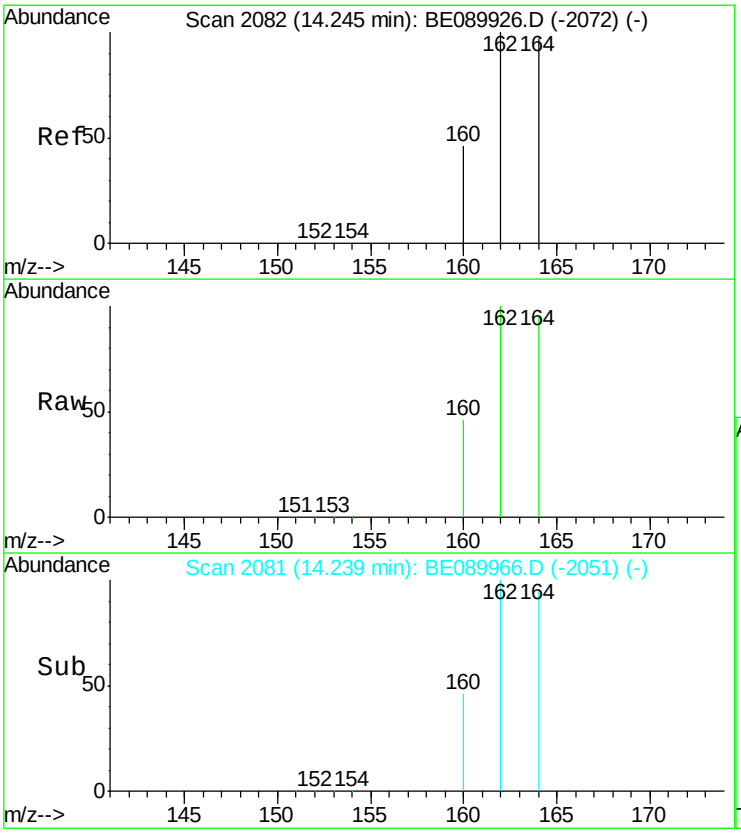
#11
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:142 Resp: 625

Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.1	106.7
115	48.5	29.1	43.7#

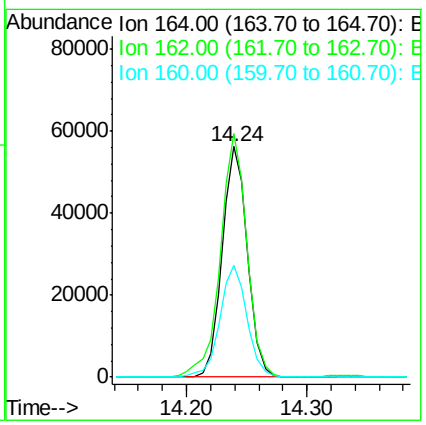


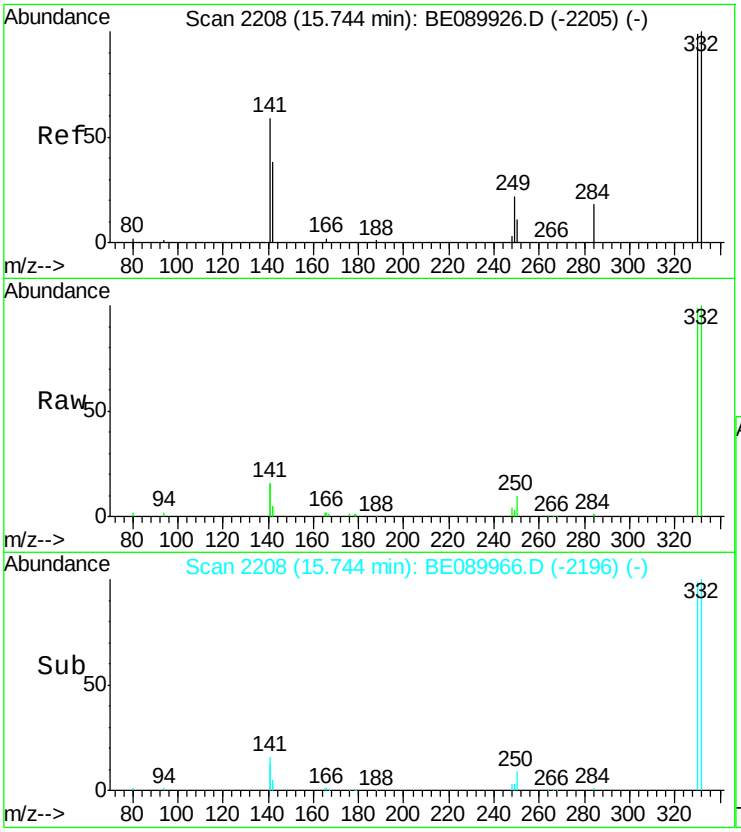


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:164 Resp: 82161

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.7	124.1
160	48.8	38.3	57.5



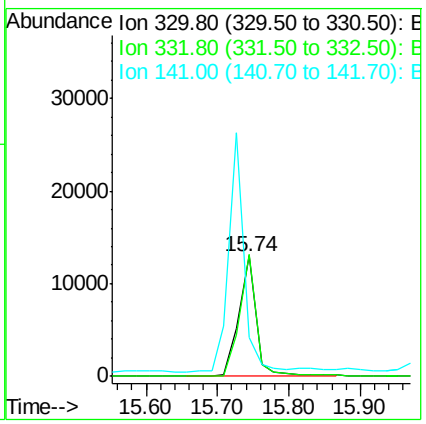


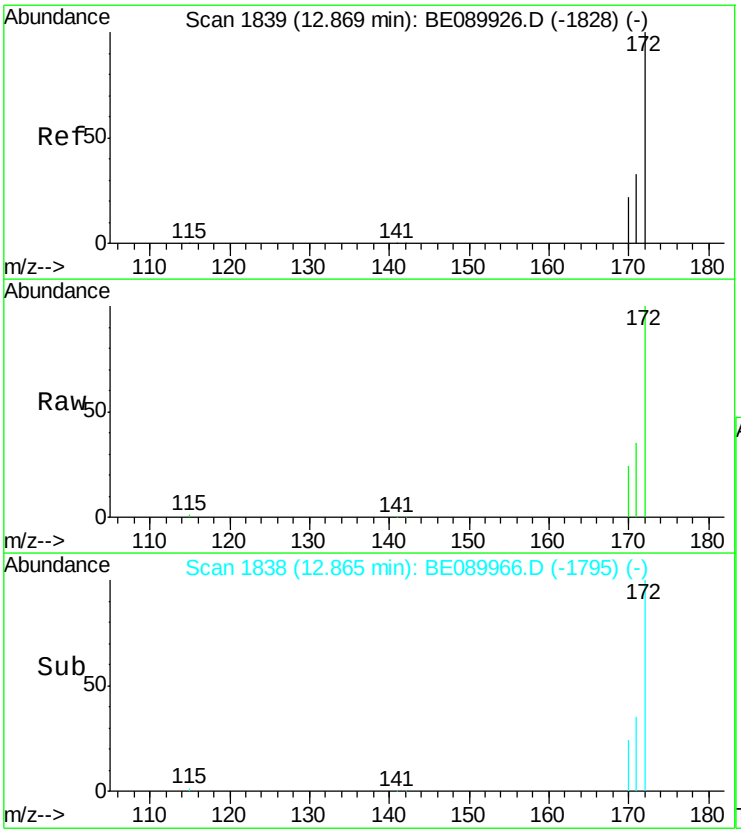
#13
2,4,6-Tribromophenol
Concen: 14.50 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:330 Resp: 21397

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.9	116.9
141	185.6	142.8	214.2

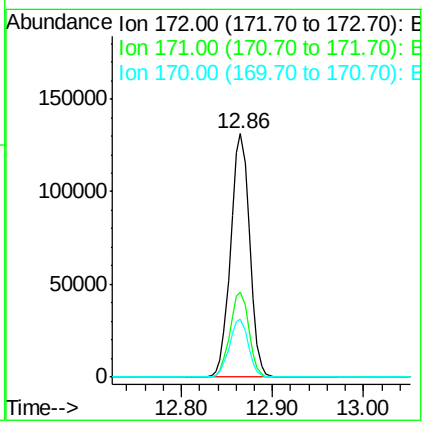


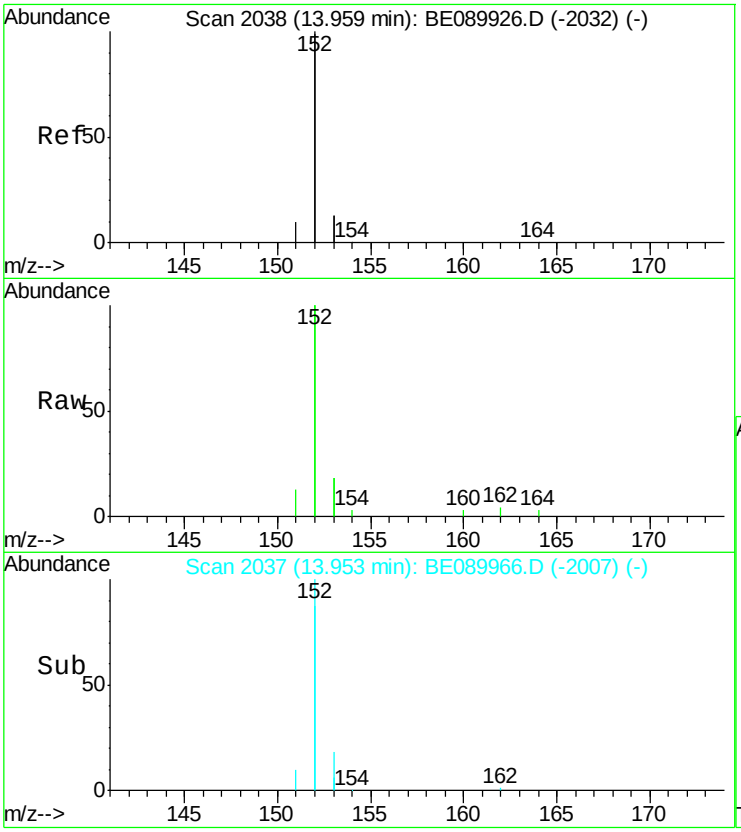


#14
2-Fluorobiphenyl
Concen: 7.92 ng
RT: 12.86 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:172 Resp: 189628

Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.7	40.1
170	23.8	17.5	26.3



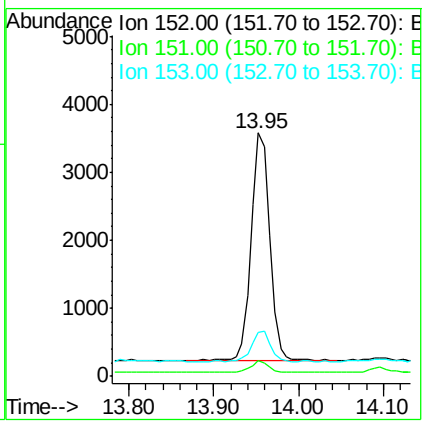


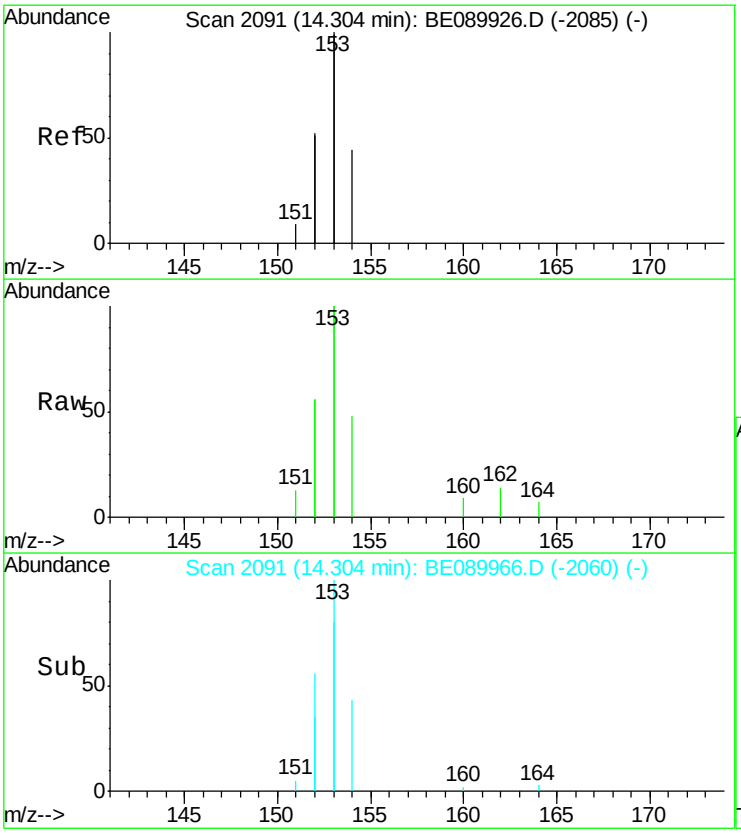
#15
Acenaphthylene
Concen: 0.04 ng
RT: 13.95 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:152 Resp: 5170

Ion	Ratio	Lower	Upper
152	100		
151	4.7	3.9	5.9
153	13.4	10.4	15.6

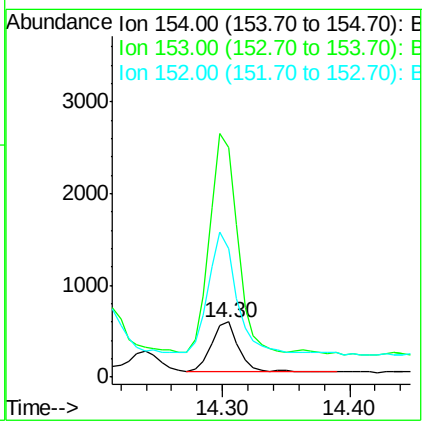


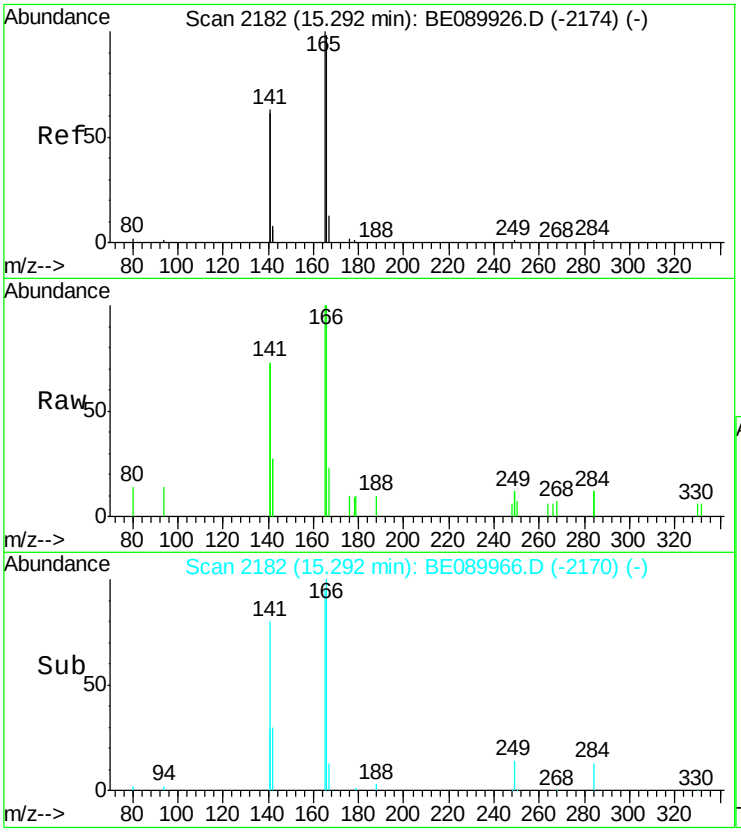


#16
Acenaphthene
Concen: 0.04 ng
RT: 14.30 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:154 Resp: 812

Ion	Ratio	Lower	Upper
154	100		
153	448.6	362.8	544.2
152	245.8	194.6	291.8



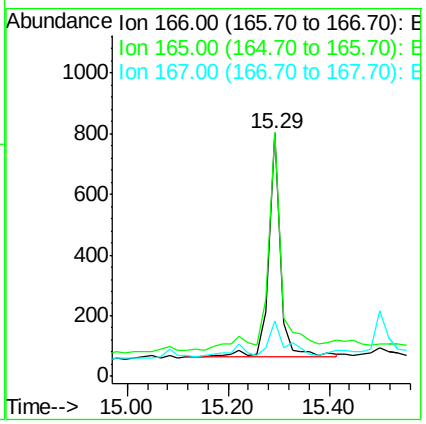


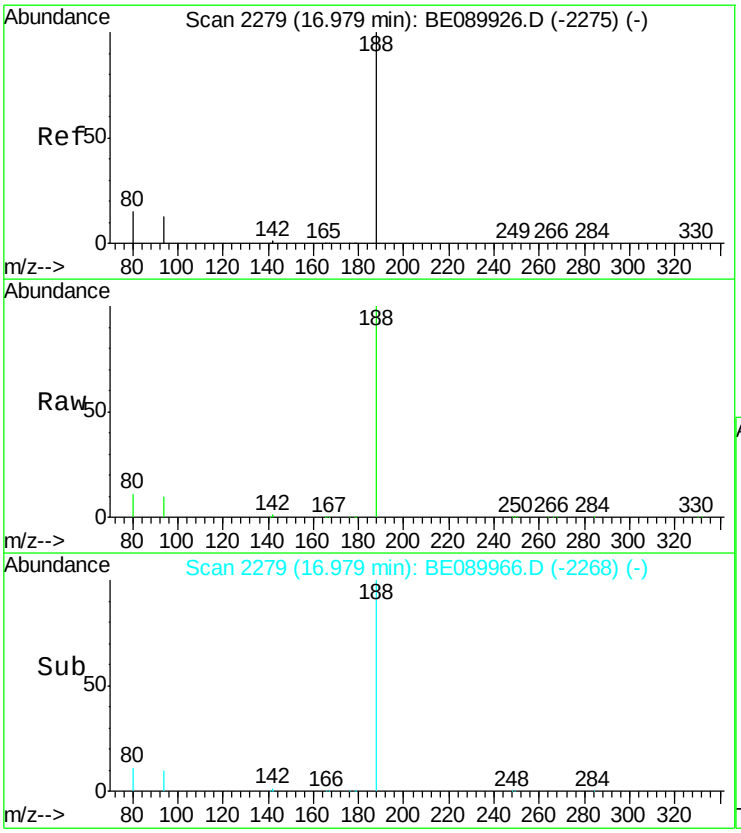
#17
Fluorene
Concen: 0.04 ng
RT: 15.29 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:166 Resp: 1197

Ion	Ratio	Lower	Upper
166	100		
165	113.9	81.1	121.7
167	21.9	11.8	17.8#

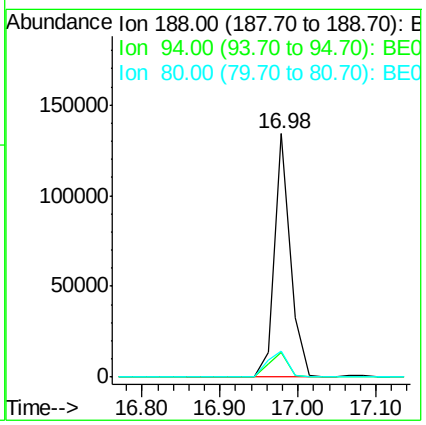


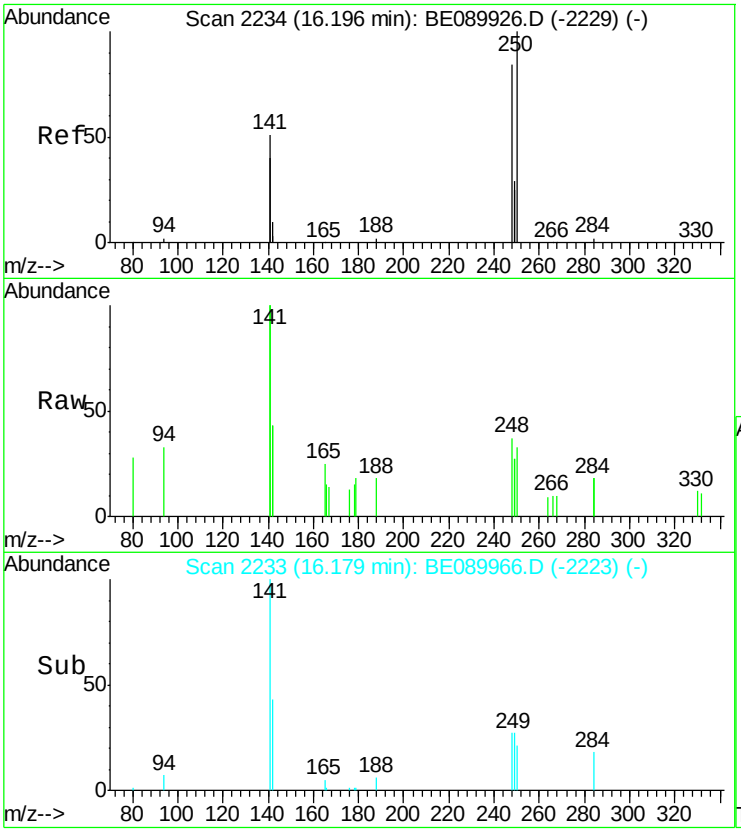


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:188 Resp: 189539

Ion	Ratio	Lower	Upper
188	100		
94	9.9	10.6	16.0#
80	10.9	11.8	17.6#



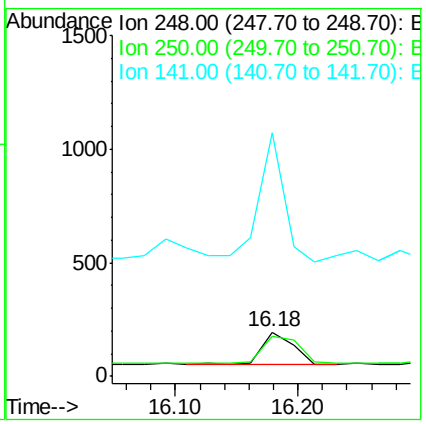


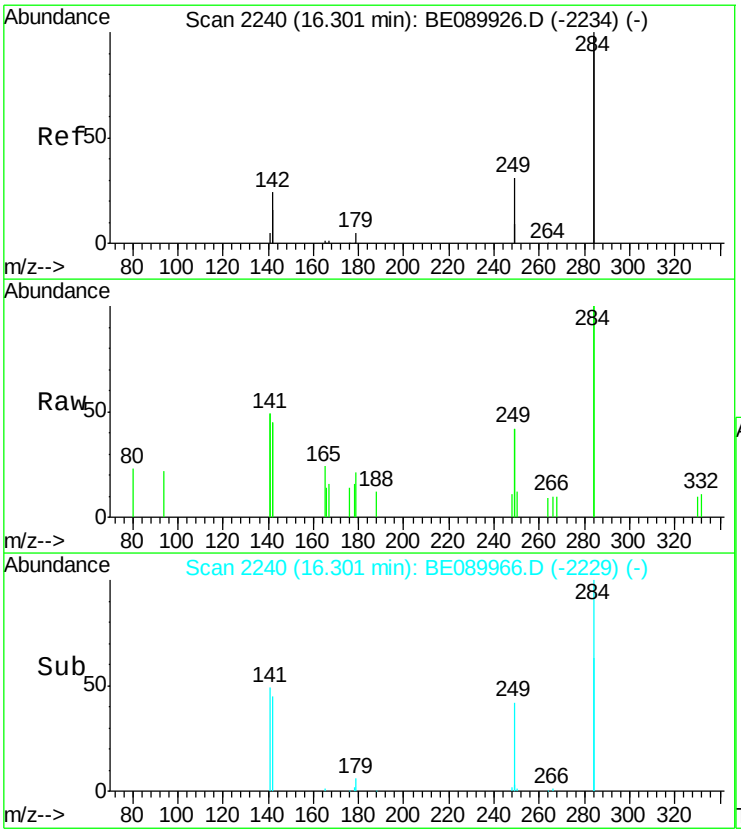
#19
4-Bromophenyl-phenylether
Concen: 0.03 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:248 Resp: 258

Ion	Ratio	Lower	Upper
248	100		
250	102.7	79.3	118.9
141	297.7	274.1	411.1

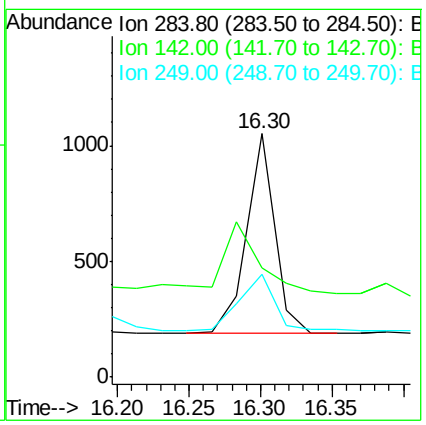


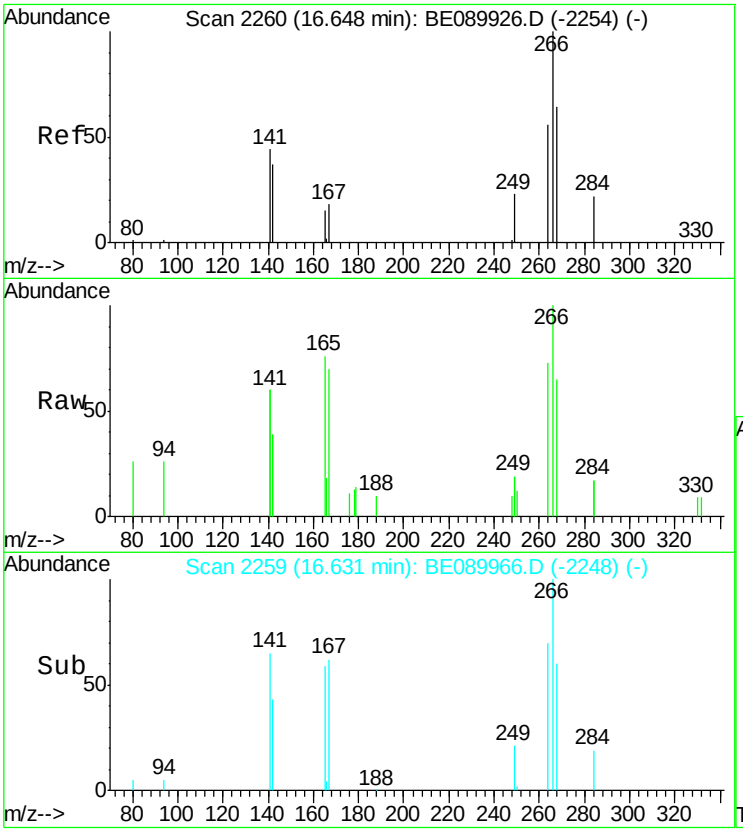


#20
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.30 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:284 Resp: 1192

Ion	Ratio	Lower	Upper
284	100		
142	51.5	32.0	48.0#
249	34.8	25.0	37.6



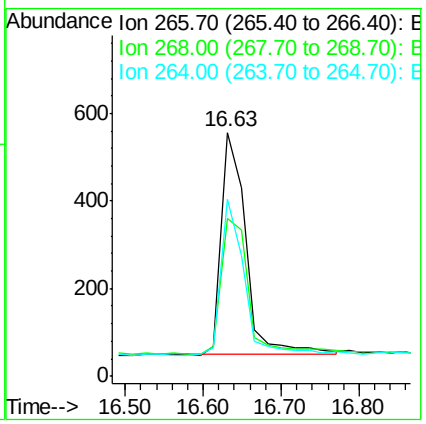


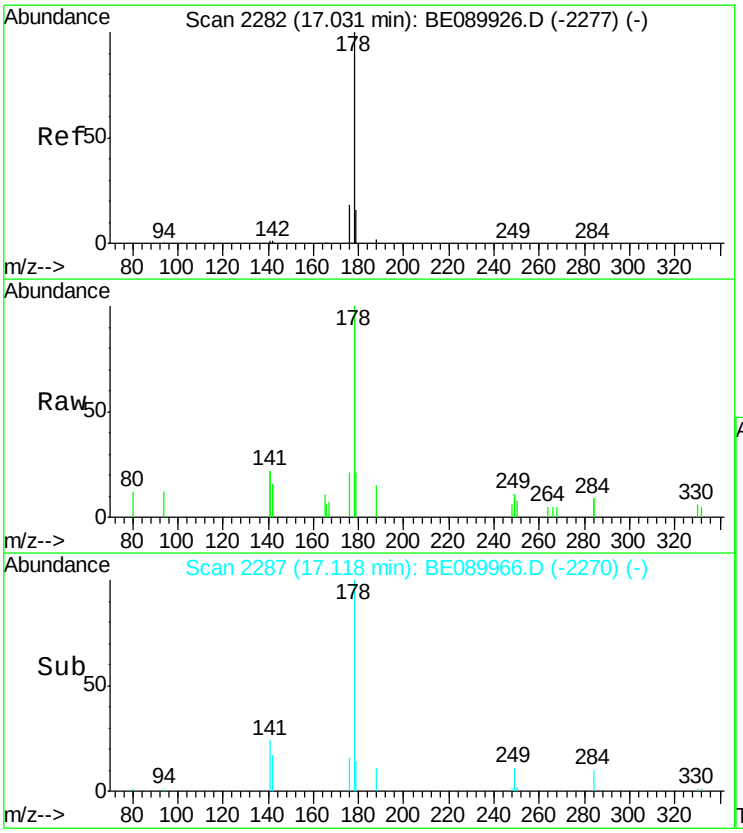
#21
Pentachlorophenol
Concen: 1.00 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:266 Resp: 1104

Ion	Ratio	Lower	Upper
266	100		
268	64.6	54.4	81.6
264	72.8	48.2	72.2#

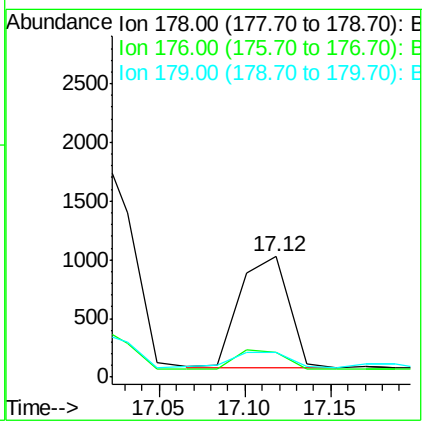


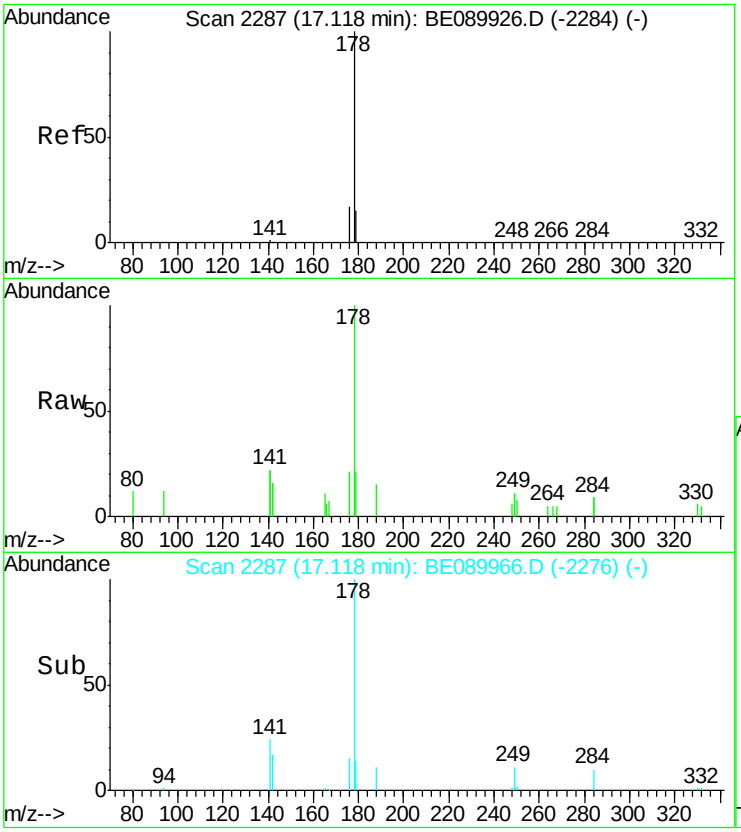


#22
Phenanthrene
Concen: 0.04 ng
RT: 17.12 min Scan# 2287
Delta R.T. 0.09 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:178 Resp: 1886

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.5	12.6	19.0



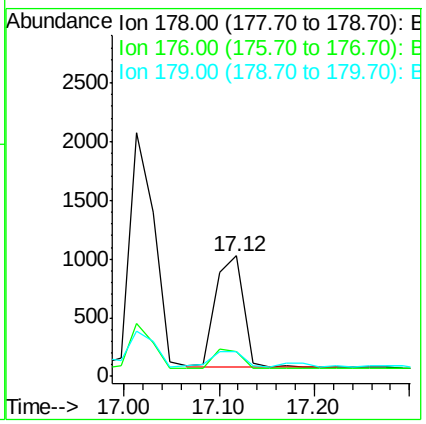


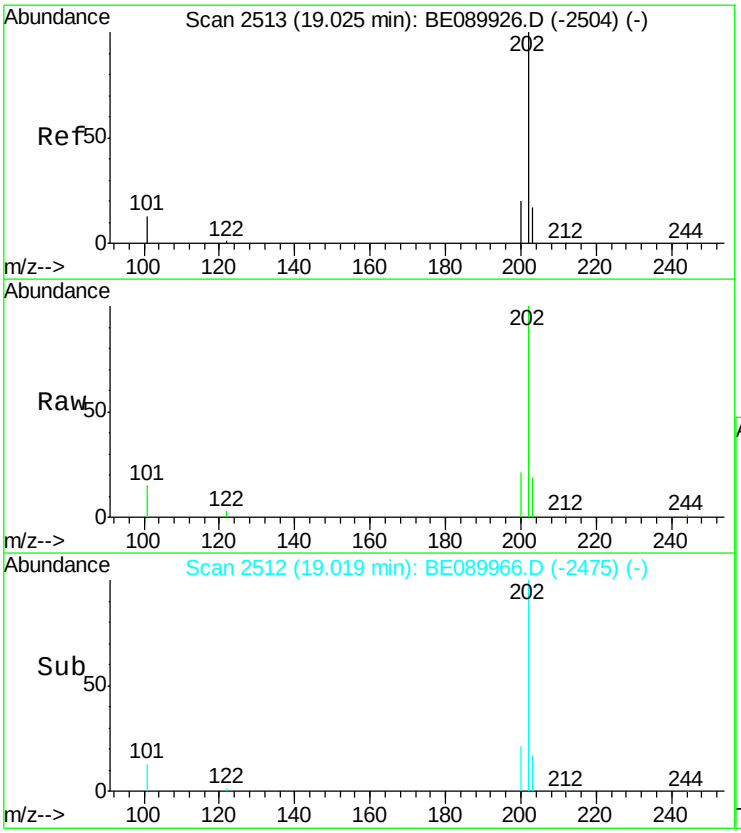
#23
Anthracene
Concen: 0.04 ng
RT: 17.12 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:178 Resp: 1928

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.9	12.3	18.5

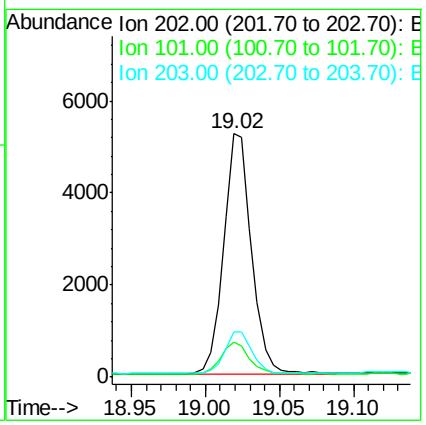


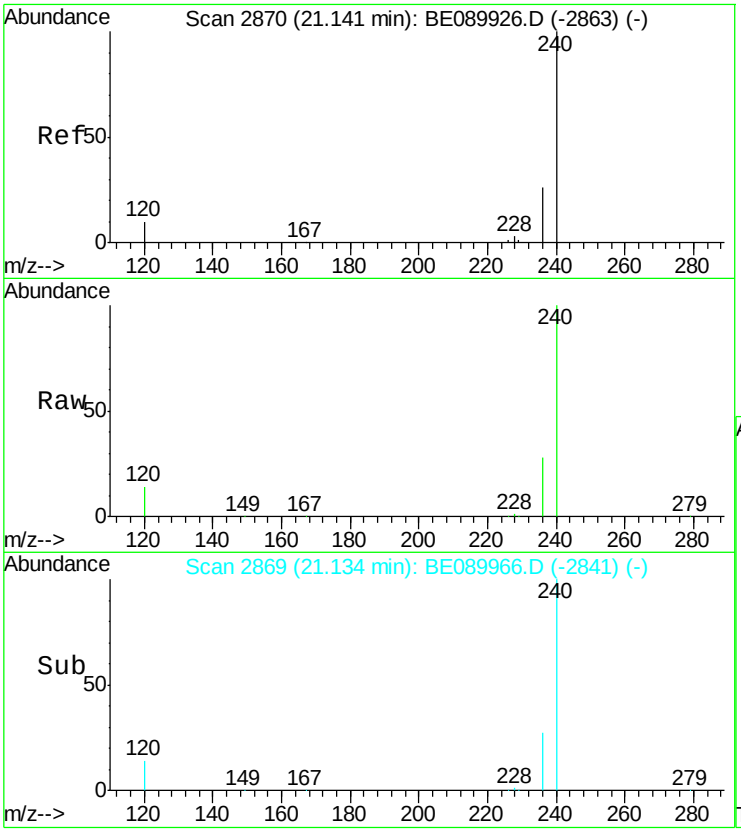


#24
Fluoranthene
Concen: 0.13 ng
RT: 19.02 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:202 Resp: 6880

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.6	16.0
203	17.2	13.8	20.8



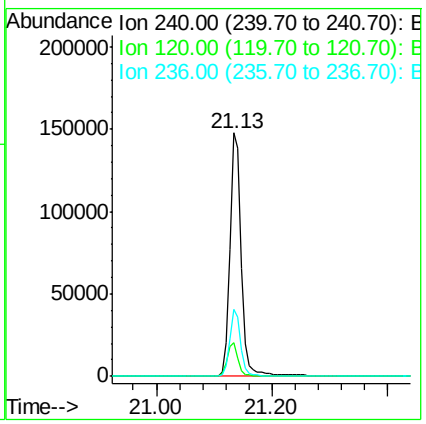


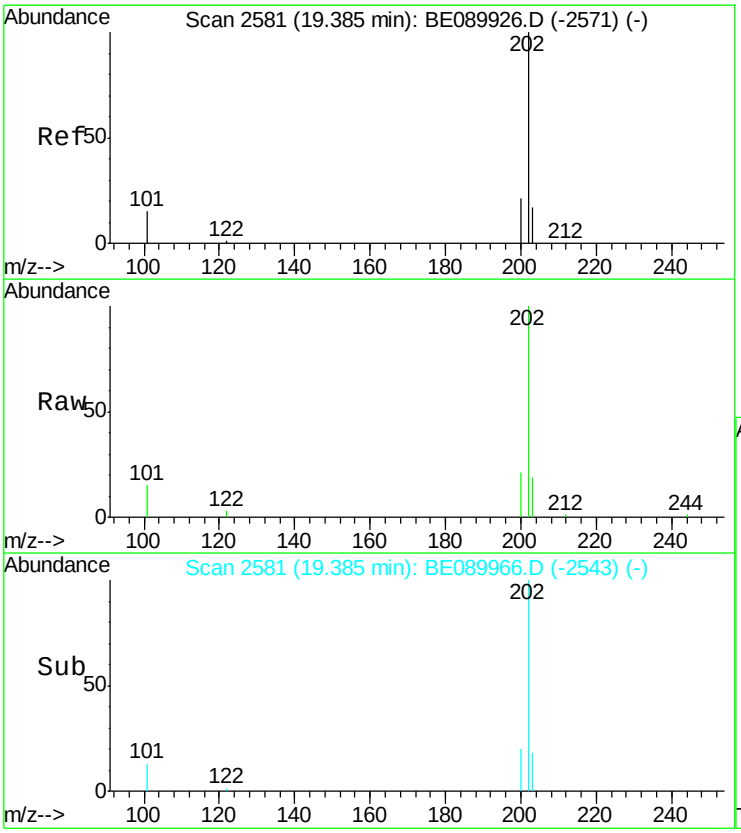
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:240 Resp: 203701

Ion	Ratio	Lower	Upper
240	100		
120	13.6	7.9	11.9#
236	27.5	21.2	31.8

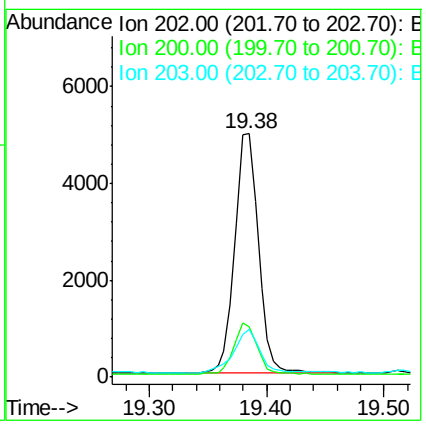


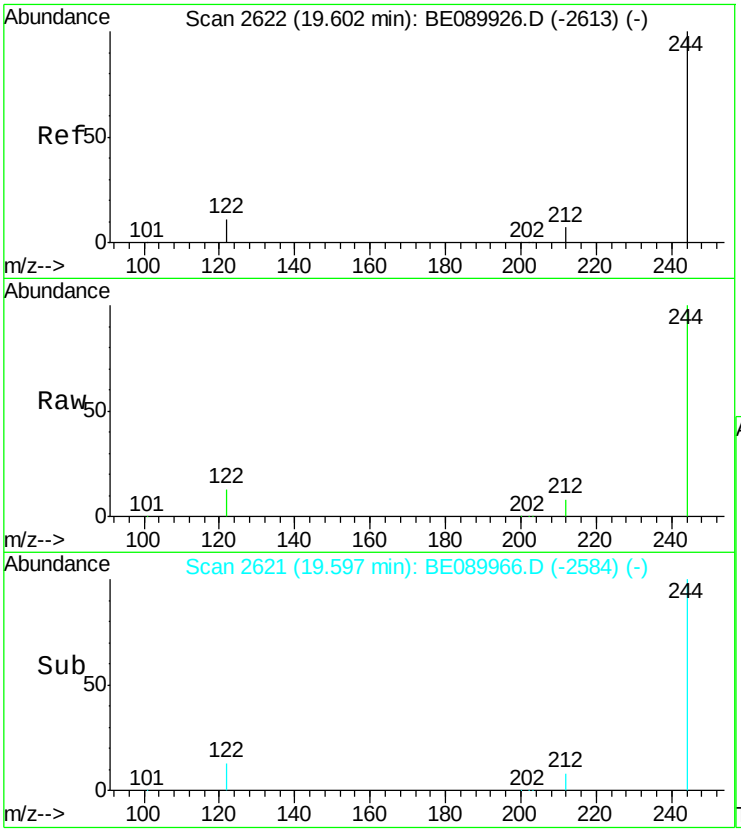


#26
Pyrene
Concen: 0.14 ng
RT: 19.38 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:202 Resp: 6974

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	21.0	13.9	20.9#



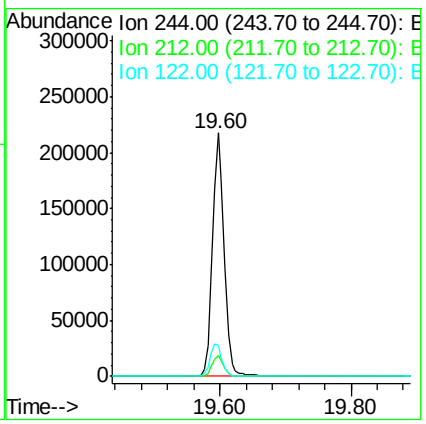


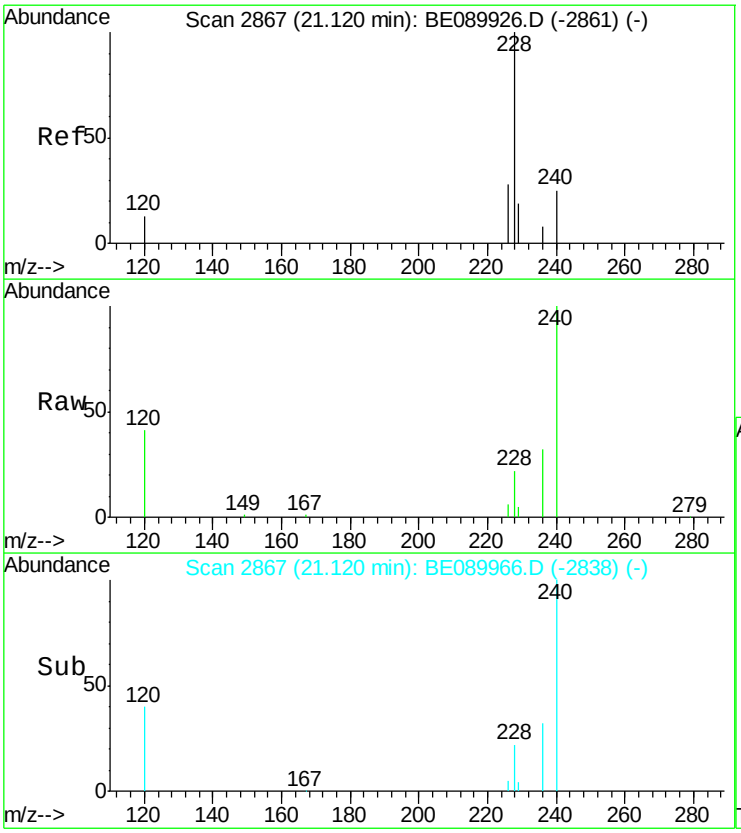
#27
Terphenyl-d14
Concen: 7.68 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:244 Resp: 270201

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.1	9.1
122	13.0	8.7	13.1

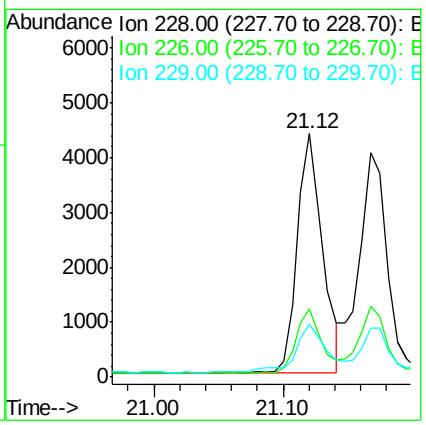


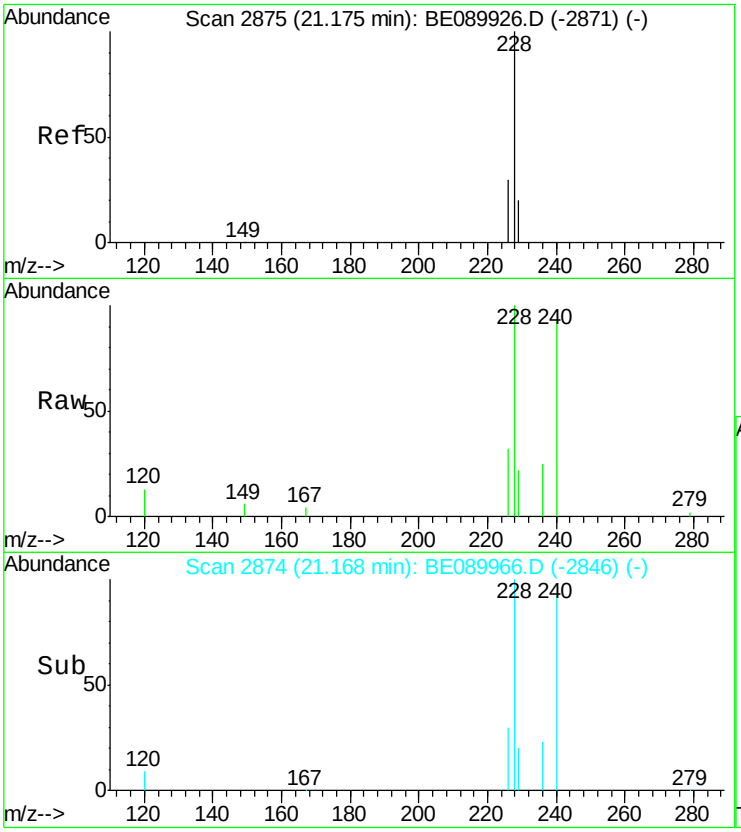


#28
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.12 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:228 Resp: 5970

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	21.9	15.3	22.9



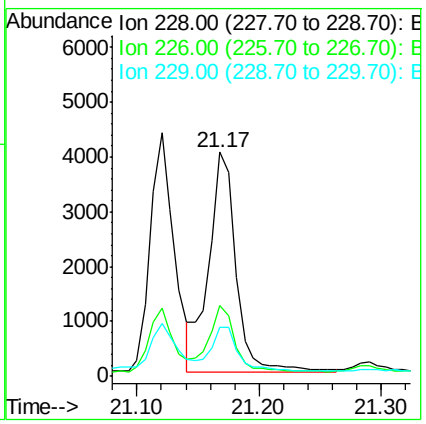


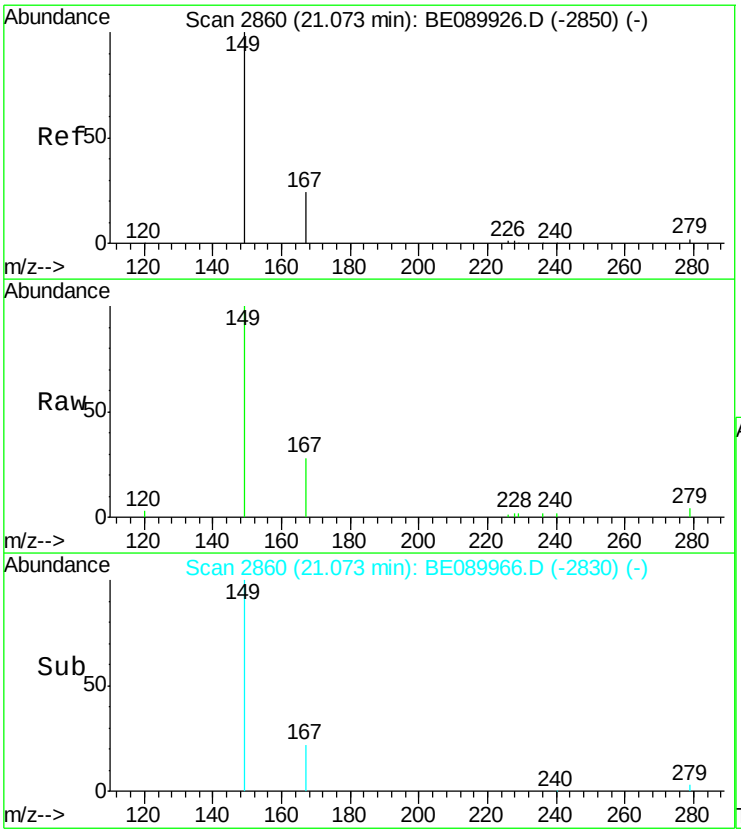
#29
Chrysene
Concen: 0.12 ng
RT: 21.17 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:228 Resp: 6231

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.7	35.5
229	22.0	15.8	23.8

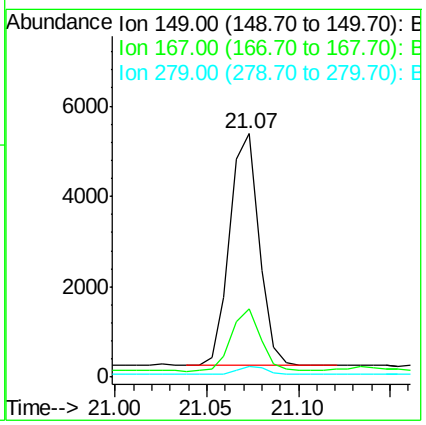


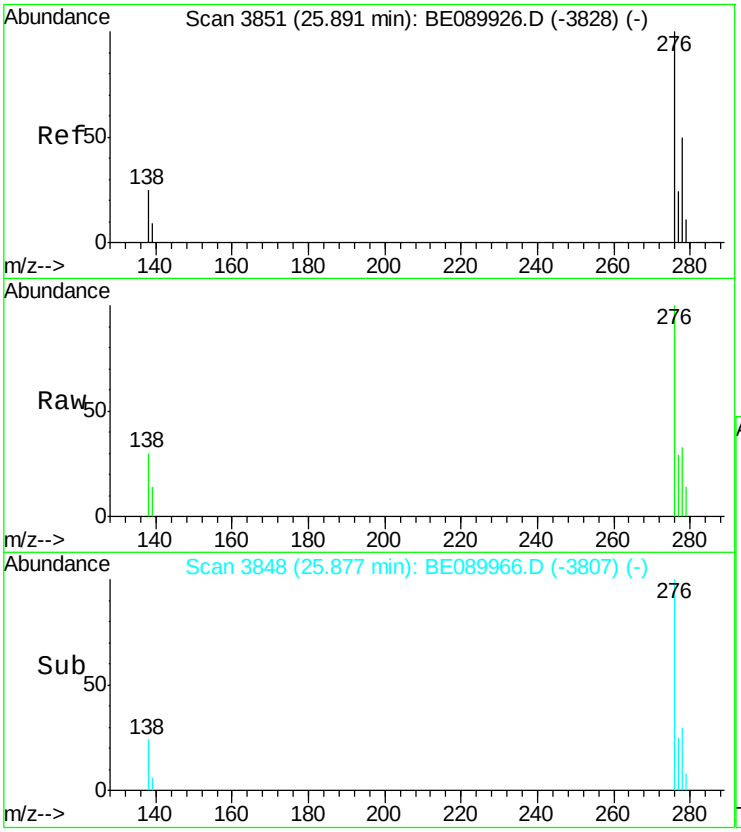


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.37 ng
RT: 21.07 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:149 Resp: 5694

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.3	30.5
279	3.2	2.7	4.1



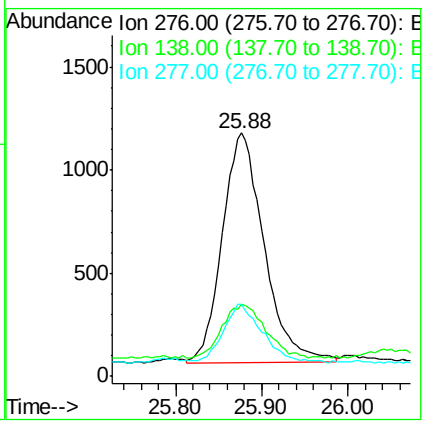


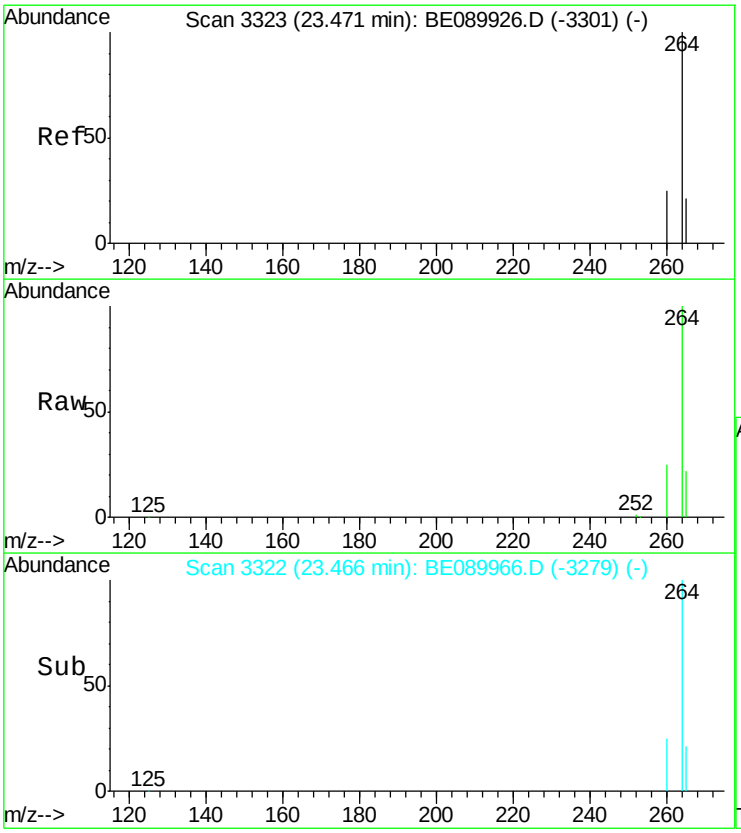
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 25.88 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:276 Resp: 3736

Ion	Ratio	Lower	Upper
276	100		
138	23.6	0.0	0.0#
277	23.8	0.0	0.0#

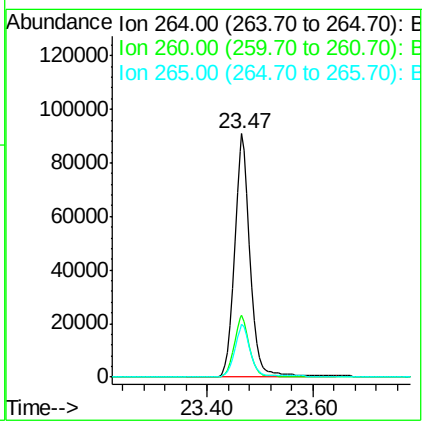


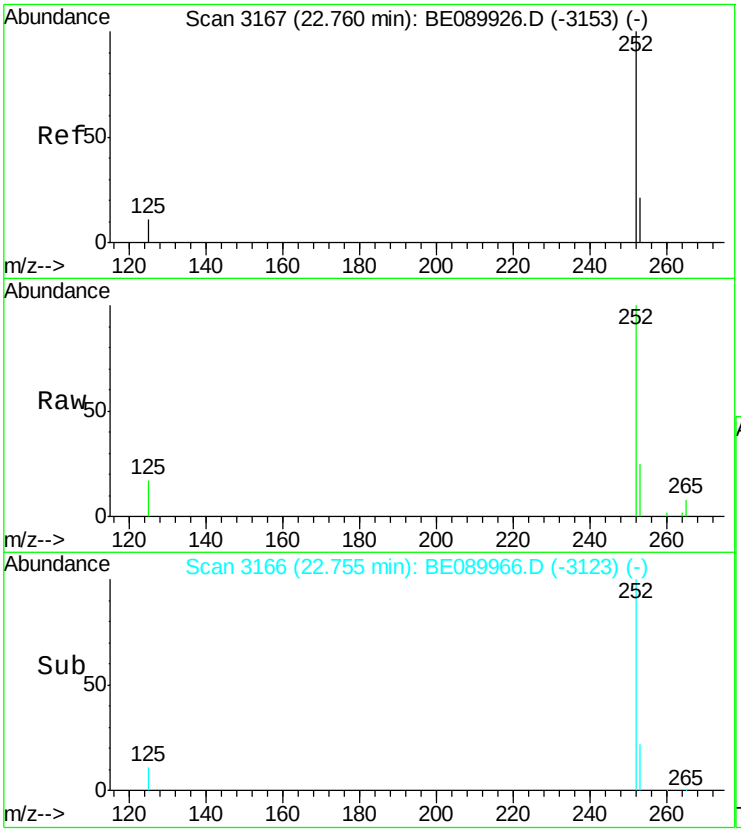


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:264 Resp: 184318

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.8	29.6
265	21.7	17.3	25.9



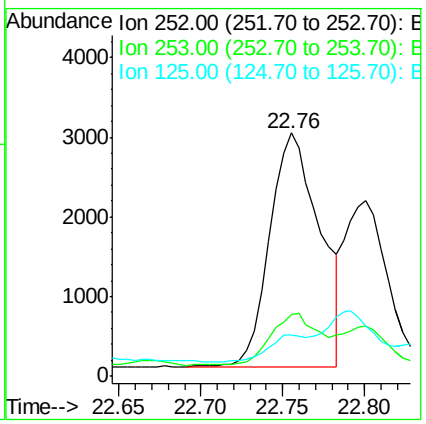


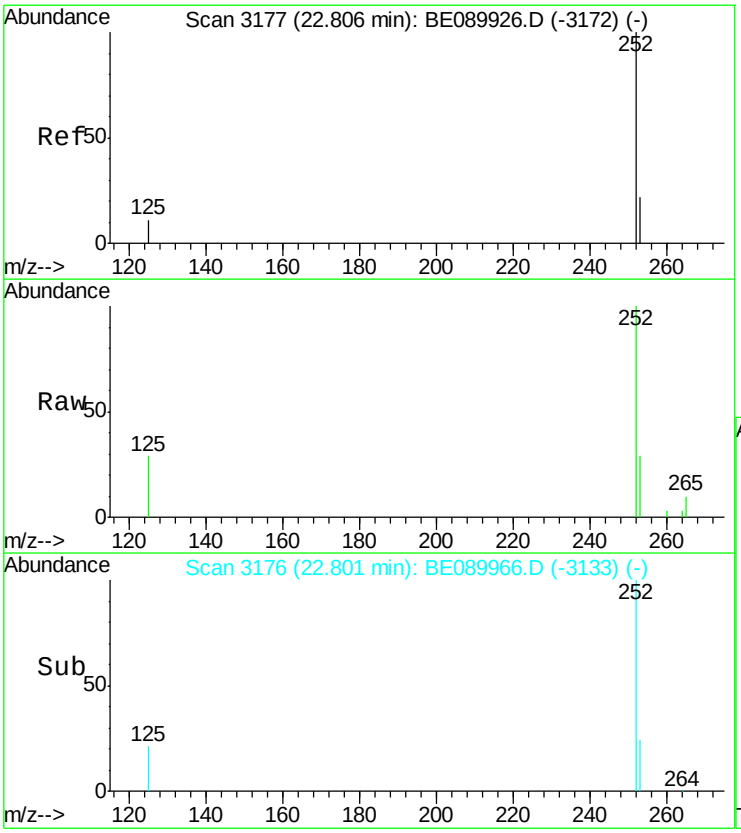
#33
Benzo(b)fluoranthene
Concen: 0.16 ng
RT: 22.76 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:252 Resp: 6242

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.3	25.9
125	17.1	9.3	13.9#

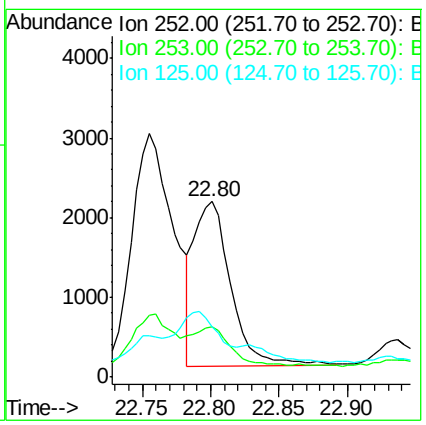


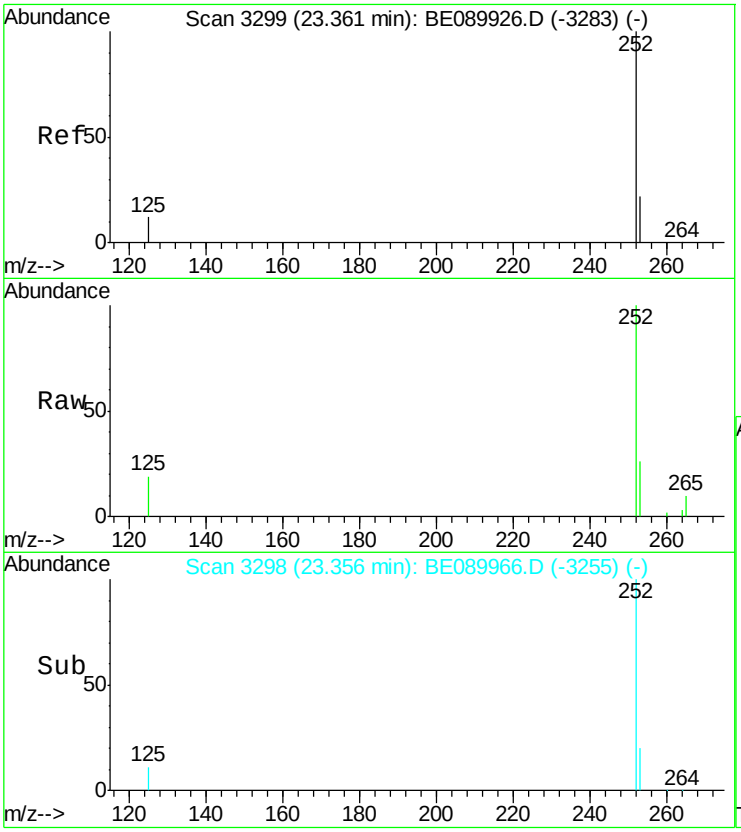


#34
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 22.80 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:252 Resp: 3872

Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.9	26.9#
125	28.9	9.2	13.8#



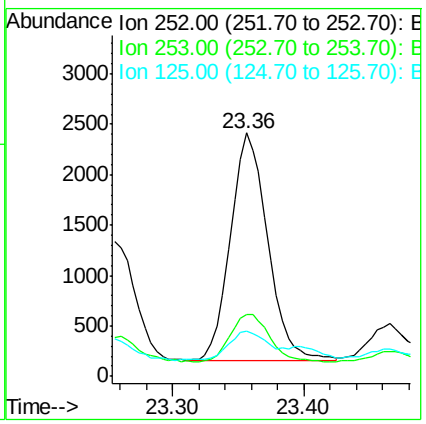


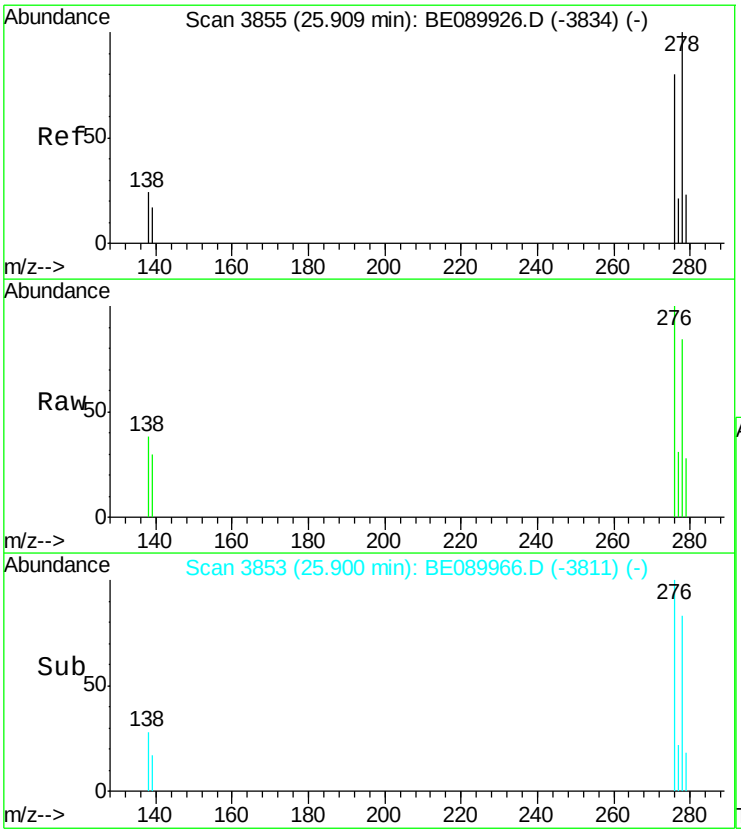
#35
Benzo(a)pyrene
Concen: 0.13 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:252 Resp: 4461

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	18.6	10.3	15.5#

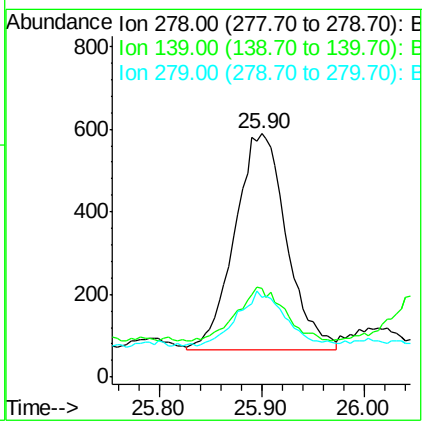


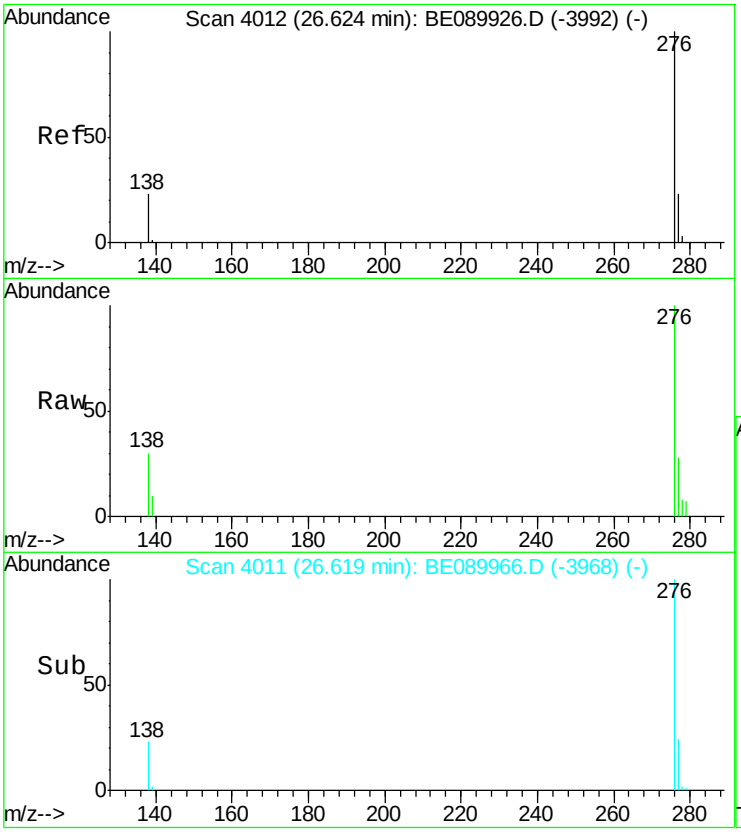


#36
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 25.90 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Tgt Ion:278 Resp: 1831

Ion	Ratio	Lower	Upper
278	100		
139	36.2	14.1	21.1#
279	32.9	19.0	28.6#





#37
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 26.62 min Scan# 4011
Delta R.T. -0.00 min
Lab File: BE089966.D
Acq: 27 Jun 2015 8:45

Instrument :
BNA_E
ClientSampleId :
X3SS0220006-150624

Tgt Ion:276 Resp: 3592

Ion	Ratio	Lower	Upper
276	100		
277	28.4	19.0	28.4
138	30.3	18.8	28.2#