Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
Data File : BE089431.D
Acq On : 30 Jan 2015 3:36
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDCCC001

Quant Time: Jan 30 07:52:14 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE012915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 30 03:48:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	161714	5.00	ng		0.00
7) Naphthalene-d8	12.50	136	599686	5.00	ng		0.00
13) Acenaphthene-d10	16.68	164	251417	5.00	ng		0.00
17) Phenanthrene-d10	19.99	188	545560	5.00	ng		0.00
20) Chrysene-d12	23.84	240	698465	5.00	ng		0.00
27) Perylene-d12	25.55	264	744049	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.76	112	56185	0.92	ng		0.02
4) Phenol-d6	8.87	99	68001	0.94	ng		0.03
8) Nitrobenzene-d5	10.85	82	44805	0.92	ng		0.00
14) 2,4,6-Tribromophenol	18.59	330	7486	1.08	ng		0.01
15) 2-Fluorobiphenyl	15.13	172	65141	0.93	ng		0.00
22) Terphenyl-d14	22.48	244	92882	1.15	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.58	42	31391	0.99	ng	#	66
5) Phenol	8.90	94	73902	0.93	ng		93
6) bis(2-Chloroethyl)ether	9.06	93	51921	0.88	ng	#	99
9) Nitrobenzene	10.89	77	52175	0.94	ng		99
10) 2,4-Dimethylphenol	11.84	122	39161	0.99	ng		93
11) 2,4-Dichlorophenol	12.22	162	27847	1.01	ng		90
12) Hexachlorobutadiene	12.89	225	17212	0.93	ng		99
16) 2,4-Dinitrophenol	16.91	184	1618	0.88	ng	#	79
18) Hexachlorobenzene	19.24	284	25240	0.94	ng		93
19) Pentachlorophenol	19.66	266	3437	0.69	ng		94
21) Benzidine	22.15	184	58064	0.95	ng		99
23) Benzo(a)anthracene	23.83	228	638967	1.20	ng		99
24) 3,3'-Dichlorobenzidine	23.82	252	58623	1.41	ng	#	93
25) Chrysene	23.87	228	660407	0.91	ng		94
26) Indeno(1,2,3-cd)pyrene	27.07	276	197968	1.58	ng	#	100
28) Benzo(b)fluoranthene	25.10	252	144666	1.97	ng		98
29) Benzo(k)fluoranthene	25.13	252	198958	1.03	ng		99
30) Benzo(a)pyrene	25.48	252	148995	1.64	ng		99
31) Dibenzo(a,h)anthracene	27.09	278	166745	1.84	ng		97

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

Quantitation Report (QT Reviewed)

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Data File : BE089431.D
Acq On : 30 Jan 2015 3:36
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Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
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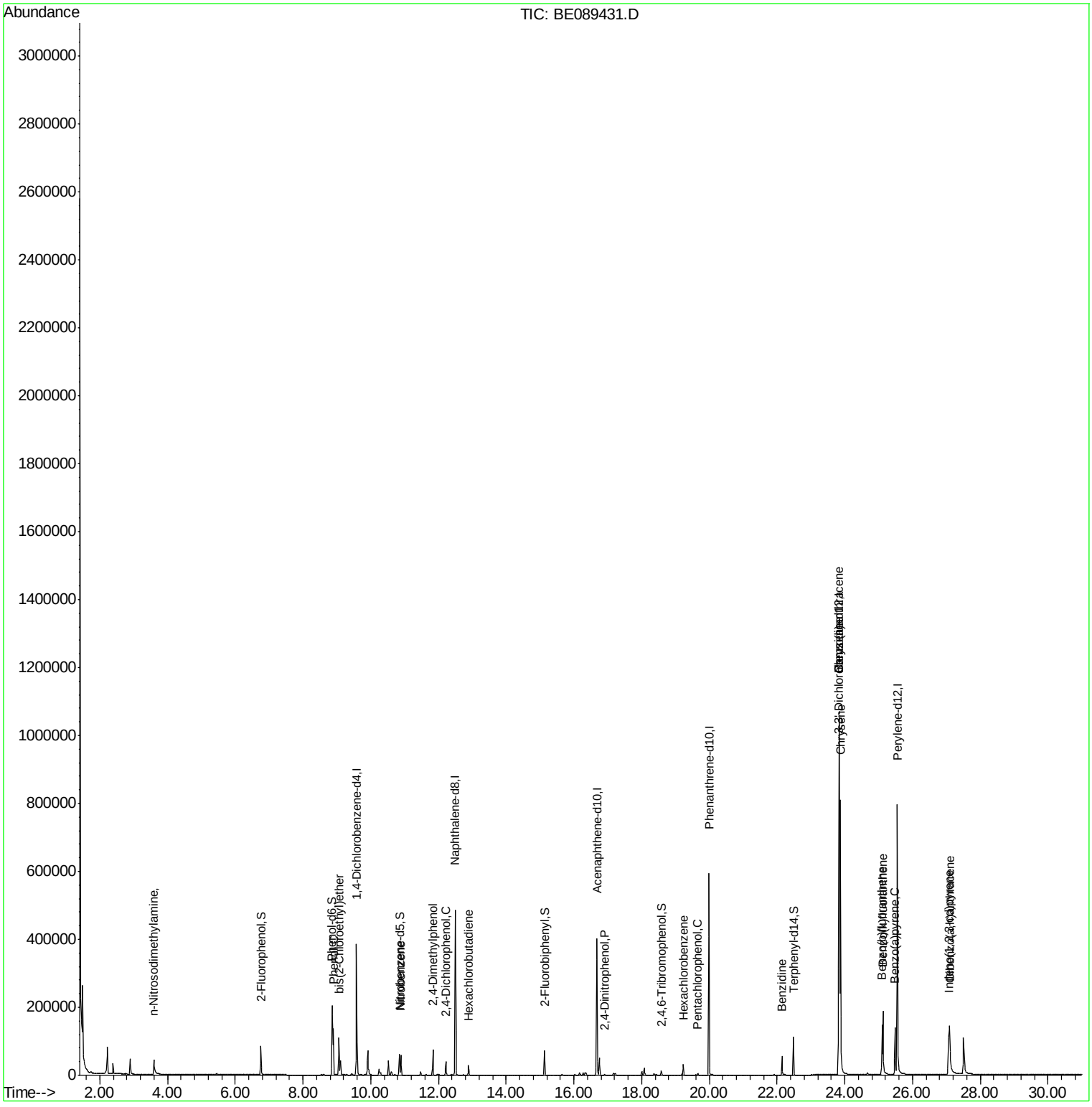
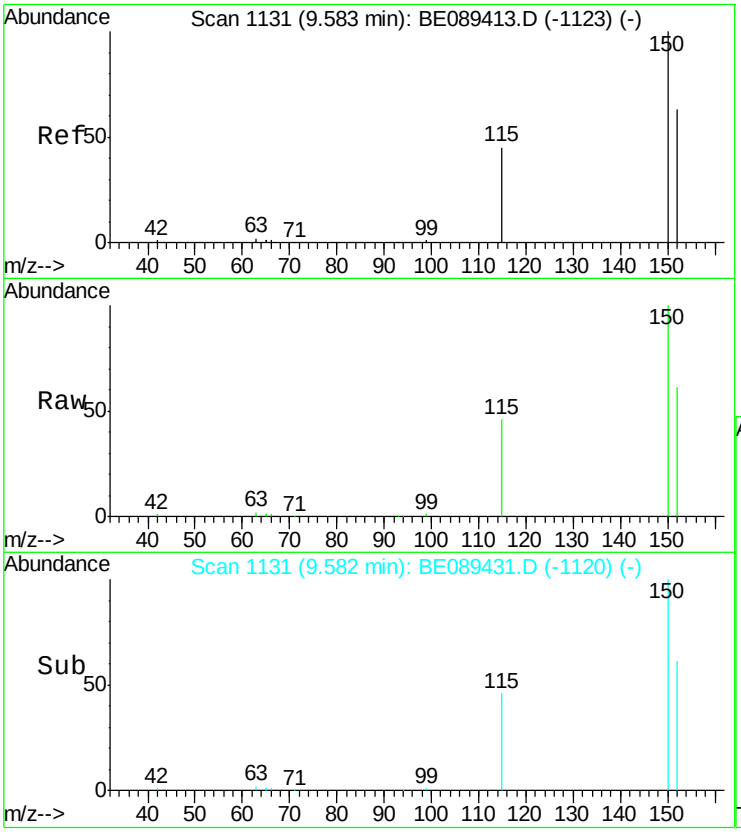


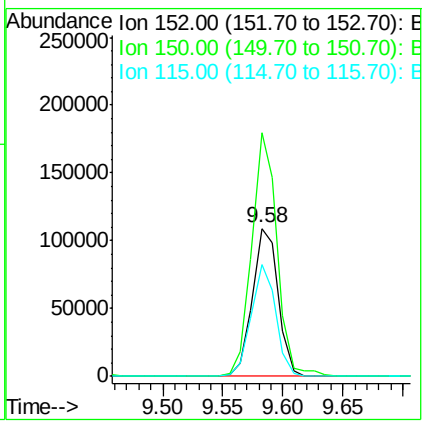


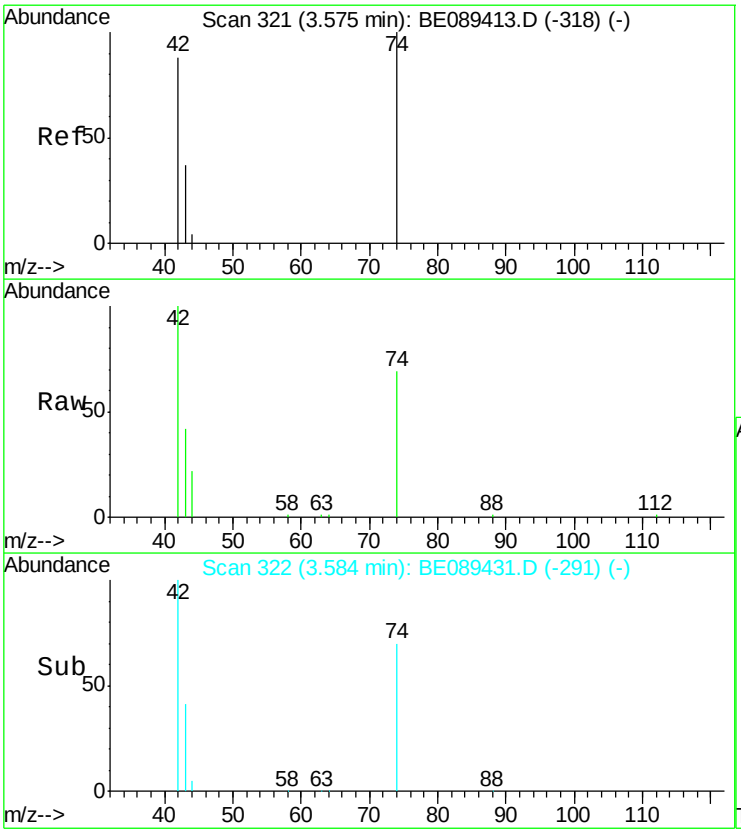
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 161714

Ion	Ratio	Lower	Upper
152	100		
150	164.4	126.1	189.1
115	75.4	57.1	85.7

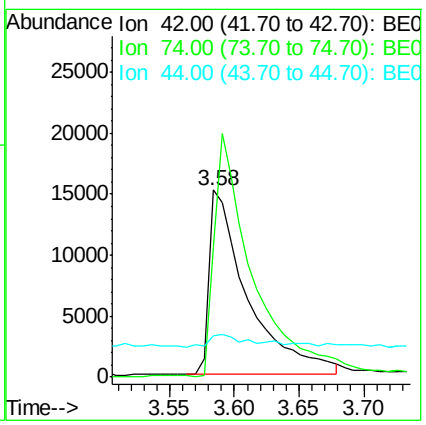


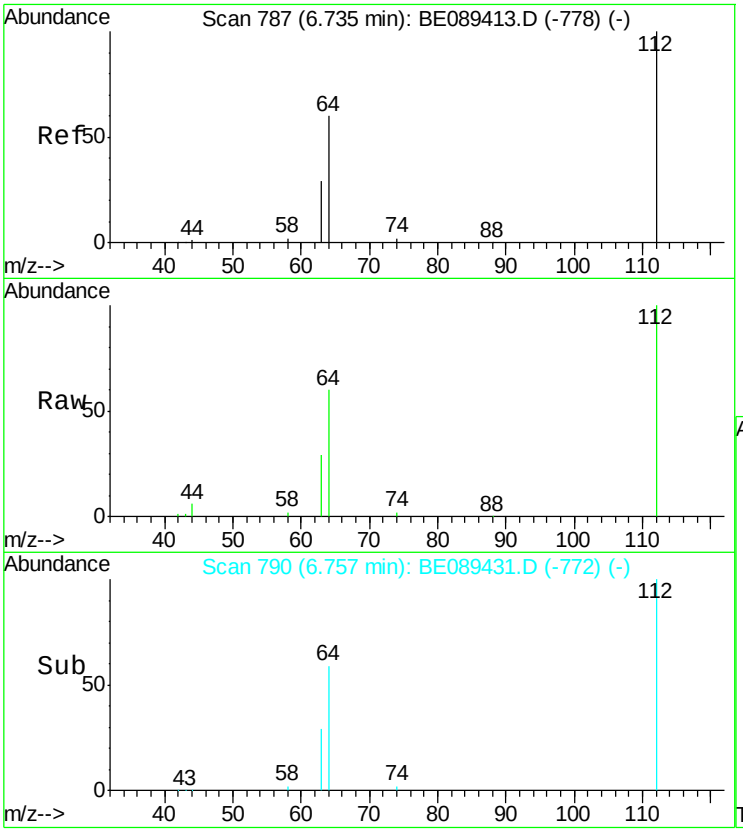


#2
n-Nitrosodimethylamine
Concen: 0.99 ng
RT: 3.58 min Scan# 322
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion: 42 Resp: 31391

Ion	Ratio	Lower	Upper
42	100		
74	69.1	90.2	135.2#
44	21.8	19.4	29.2



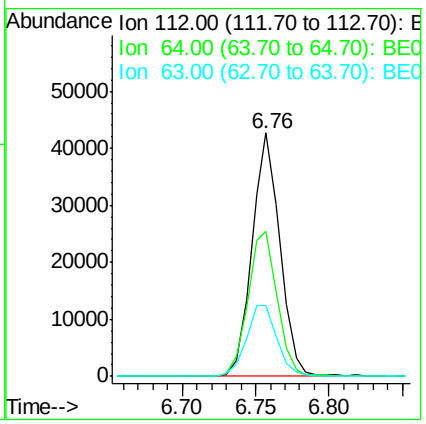


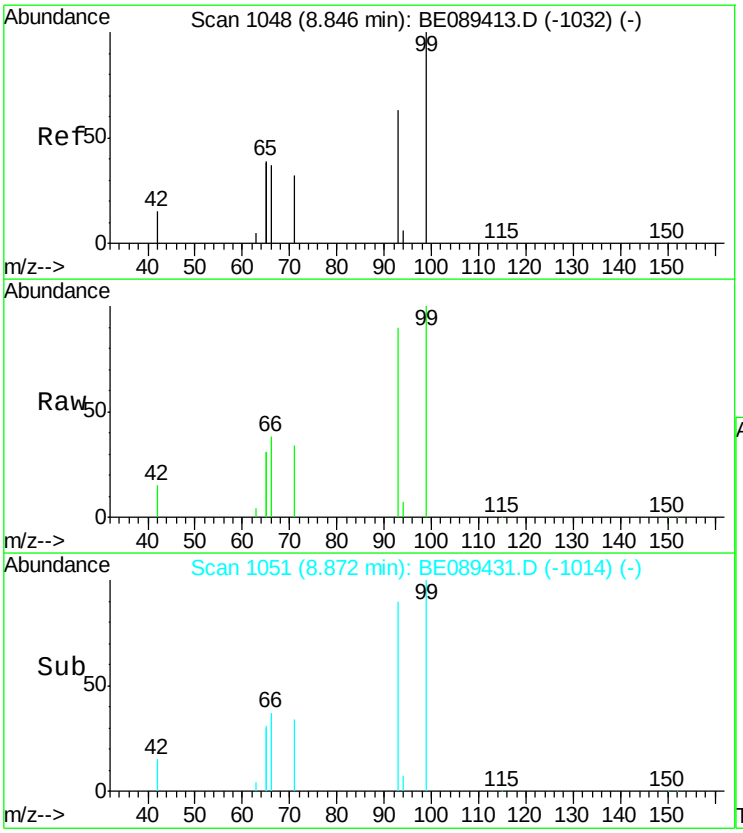
#3
2-Fluorophenol
Concen: 0.92 ng
RT: 6.76 min Scan# 790
Delta R.T. 0.02 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:112 Resp: 56185

Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.2	72.4
63	29.3	23.5	35.3

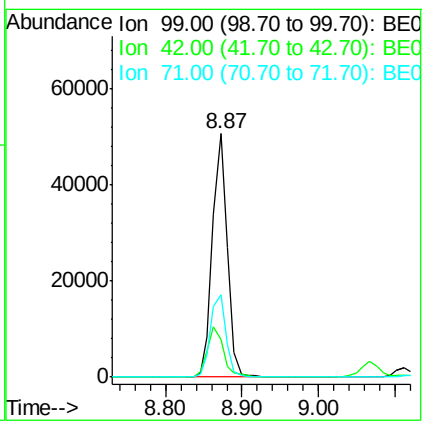


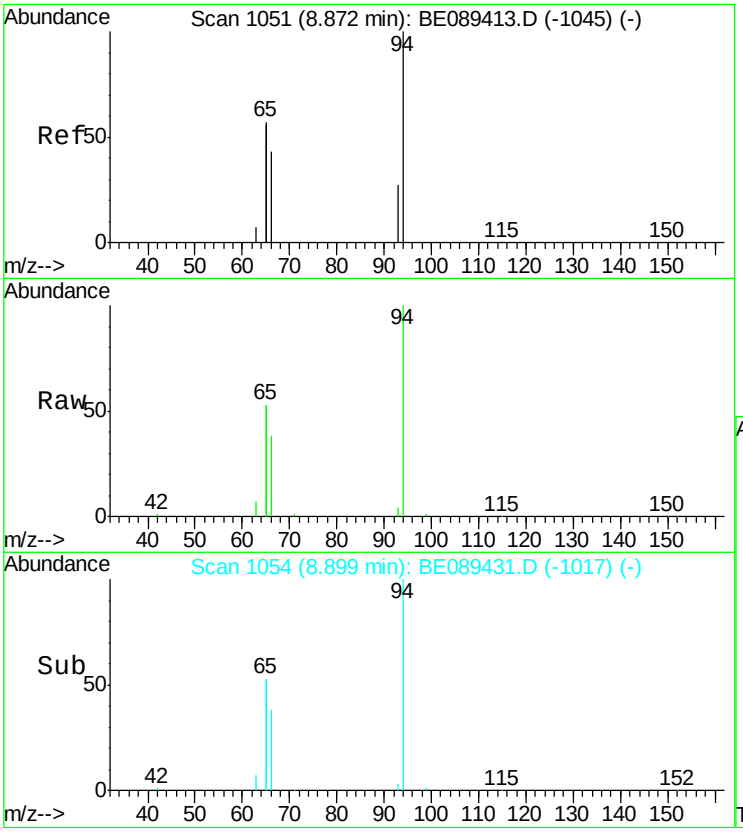


#4
Phenol-d6
Concen: 0.94 ng
RT: 8.87 min Scan# 1051
Delta R.T. 0.03 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion: 99 Resp: 68001

Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.9	17.9
71	33.8	25.8	38.6



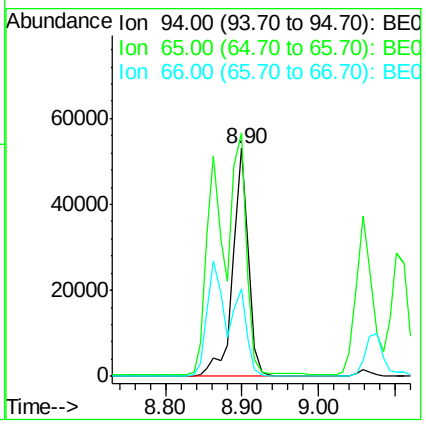


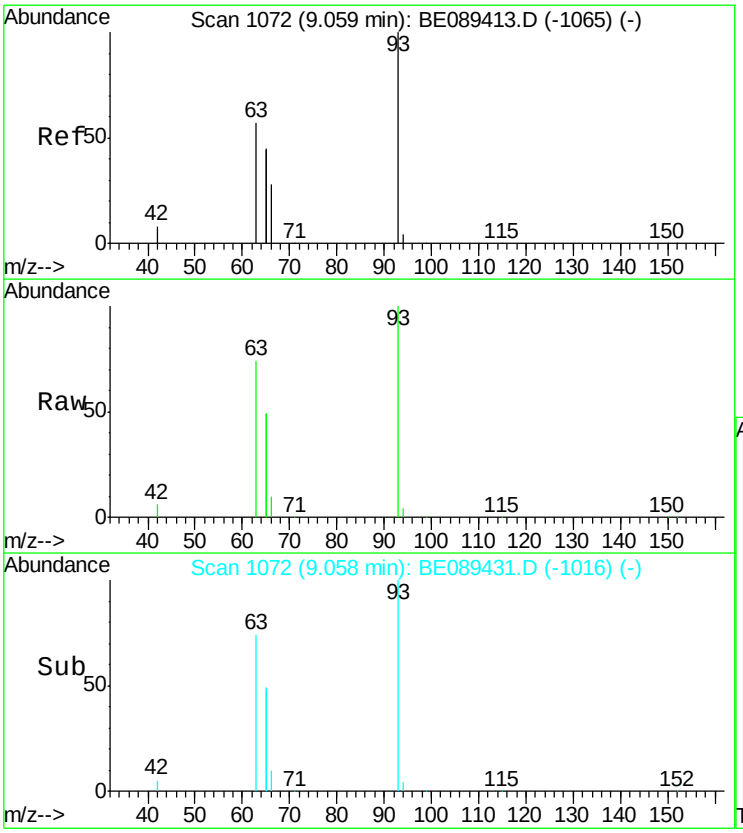
#5
Phenol
Concen: 0.93 ng
RT: 8.90 min Scan# 1054
Delta R.T. 0.03 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion: 94 Resp: 73902

Ion	Ratio	Lower	Upper
94	100		
65	106.8	93.3	133.3
66	38.1	23.6	63.6

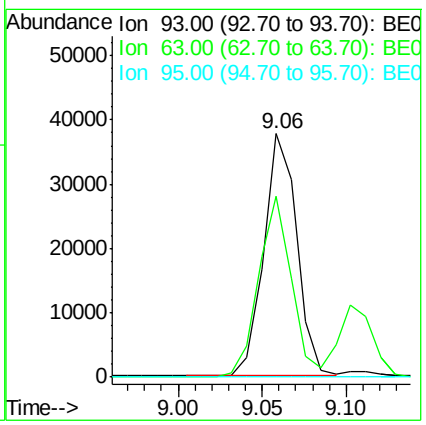


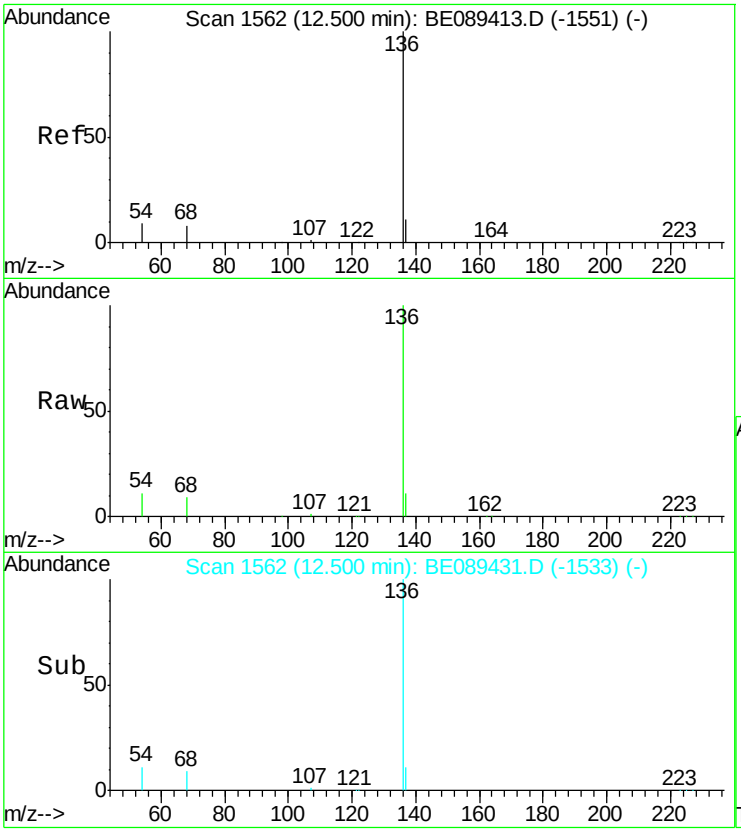


#6
bis(2-Chloroethyl)ether
Concen: 0.88 ng
RT: 9.06 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion: 93 Resp: 51921

Ion	Ratio	Lower	Upper
93	100		
63	73.9	58.6	88.0
95	0.0	0.0	0.0



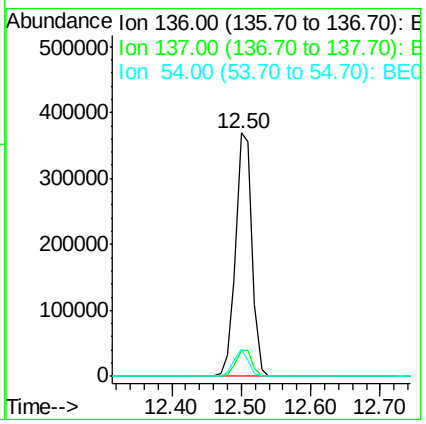


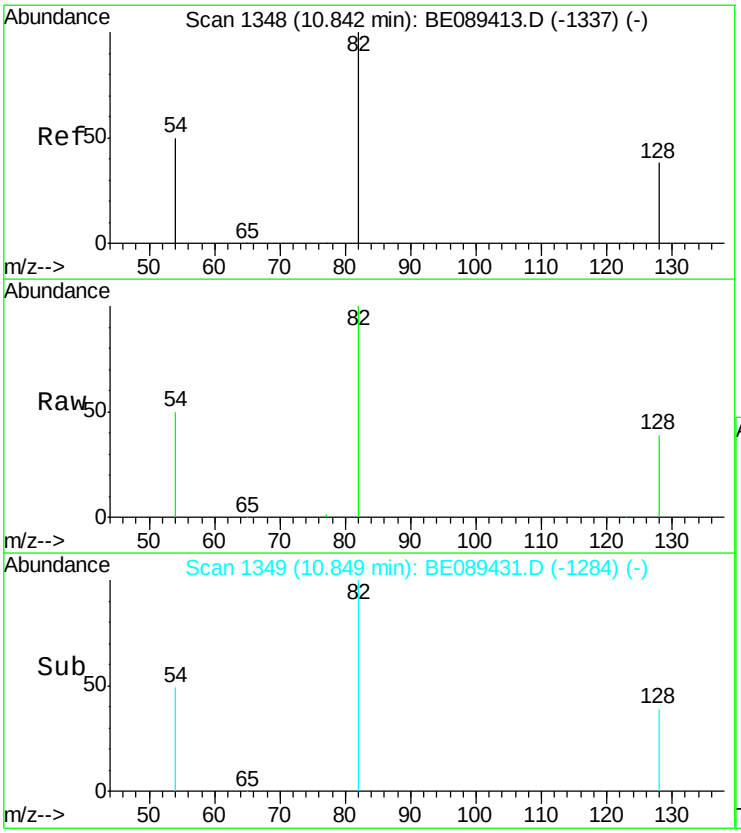
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.50 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:136 Resp: 599686

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	11.2	7.5	11.3

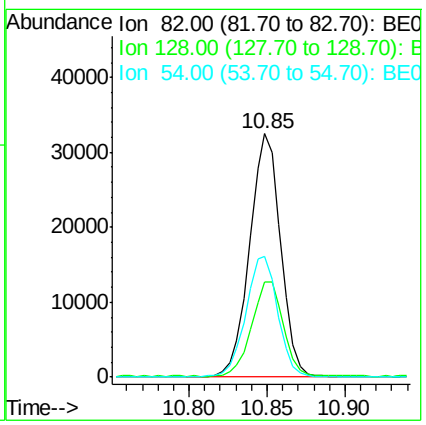


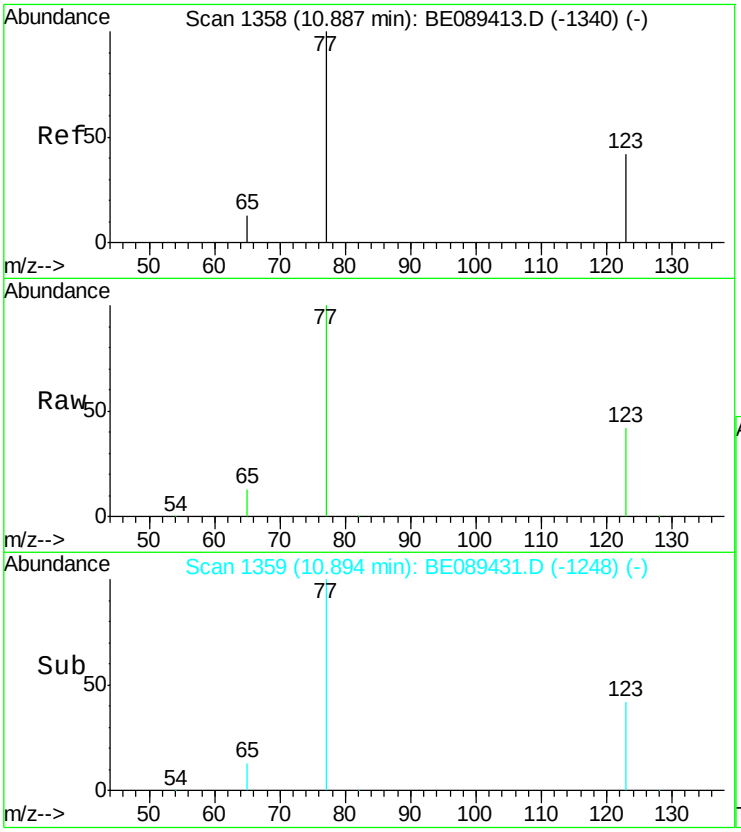


#8
Nitrobenzene-d5
Concen: 0.92 ng
RT: 10.85 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion: 82 Resp: 44805

Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.0	46.4
54	49.7	39.8	59.6



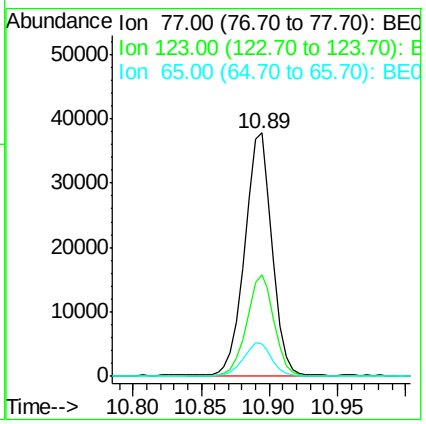


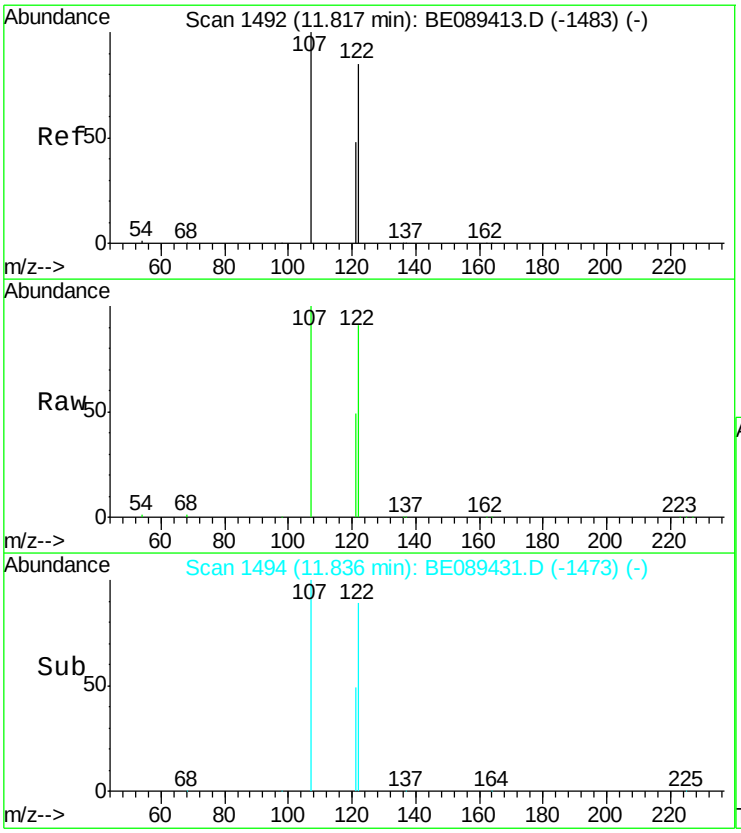
#9
Nitrobenzene
Concen: 0.94 ng
RT: 10.89 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion: 77 Resp: 52175

Ion	Ratio	Lower	Upper
77	100		
123	41.6	32.8	49.2
65	13.6	11.0	16.6

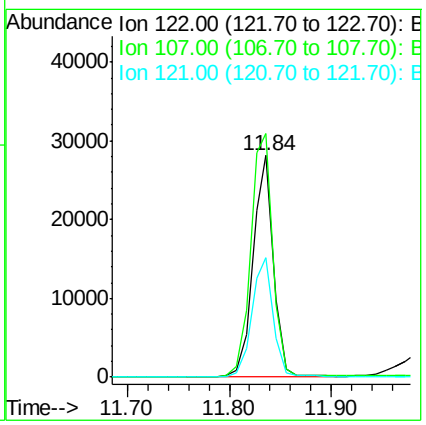


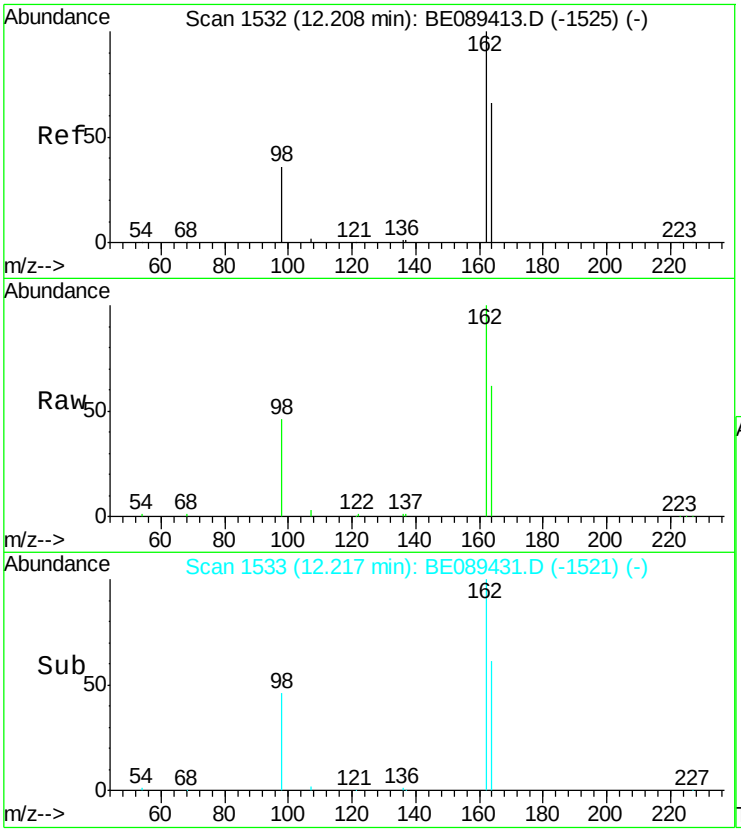


#10
2,4-Dimethylphenol
Concen: 0.99 ng
RT: 11.84 min Scan# 1494
Delta R.T. 0.02 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion:122 Resp: 39161

Ion	Ratio	Lower	Upper
122	100		
107	109.8	94.6	142.0
121	53.9	45.8	68.6



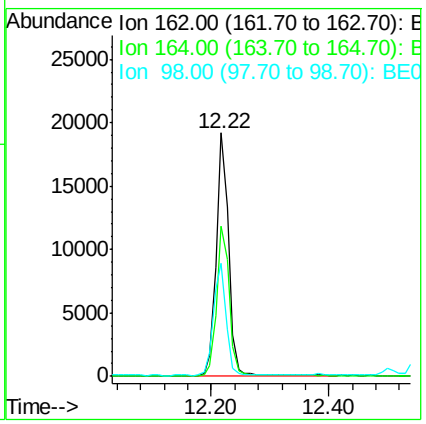


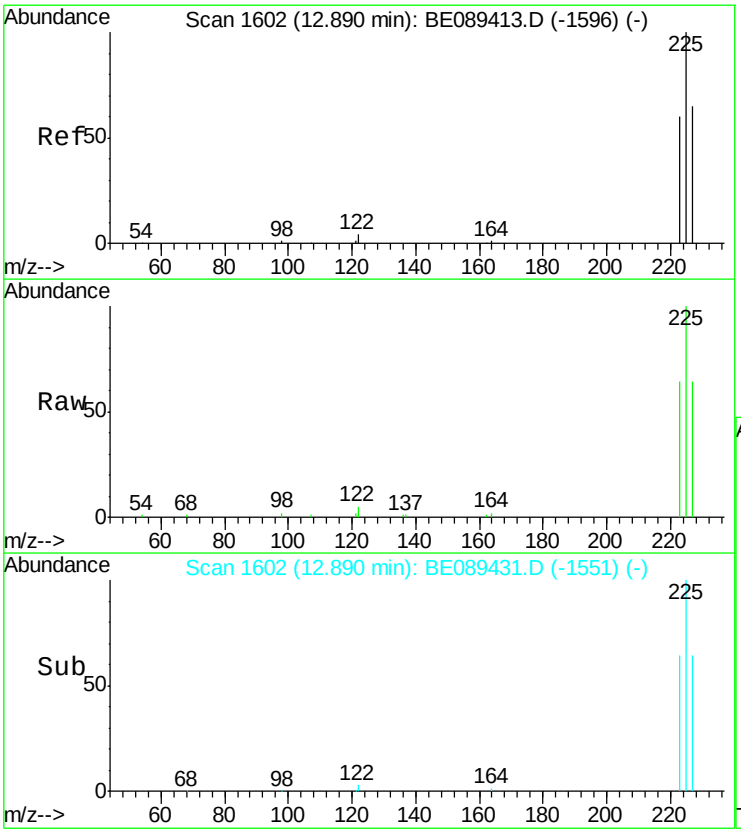
#11
2,4-Dichlorophenol
Concen: 1.01 ng
RT: 12.22 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:162 Resp: 27847

Ion	Ratio	Lower	Upper
162	100		
164	61.6	46.1	86.1
98	46.4	16.2	56.2

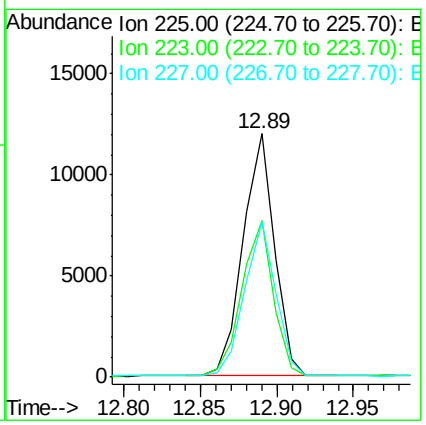


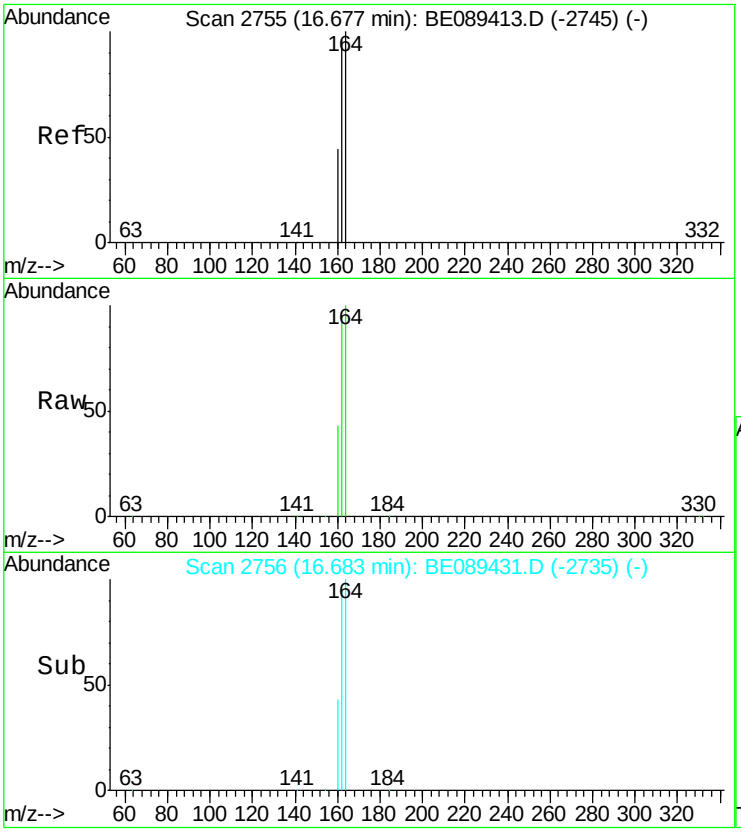


#12
Hexachlorobutadiene
Concen: 0.93 ng
RT: 12.89 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion:225 Resp: 17212

Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.4	75.6
227	63.6	50.2	75.2



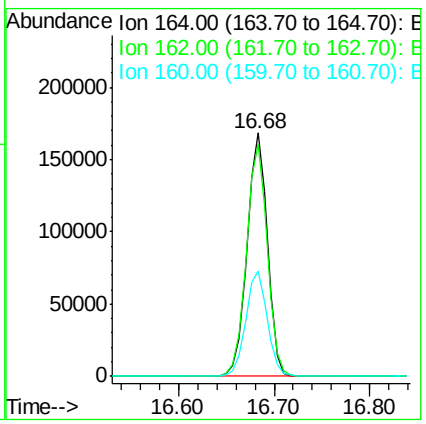


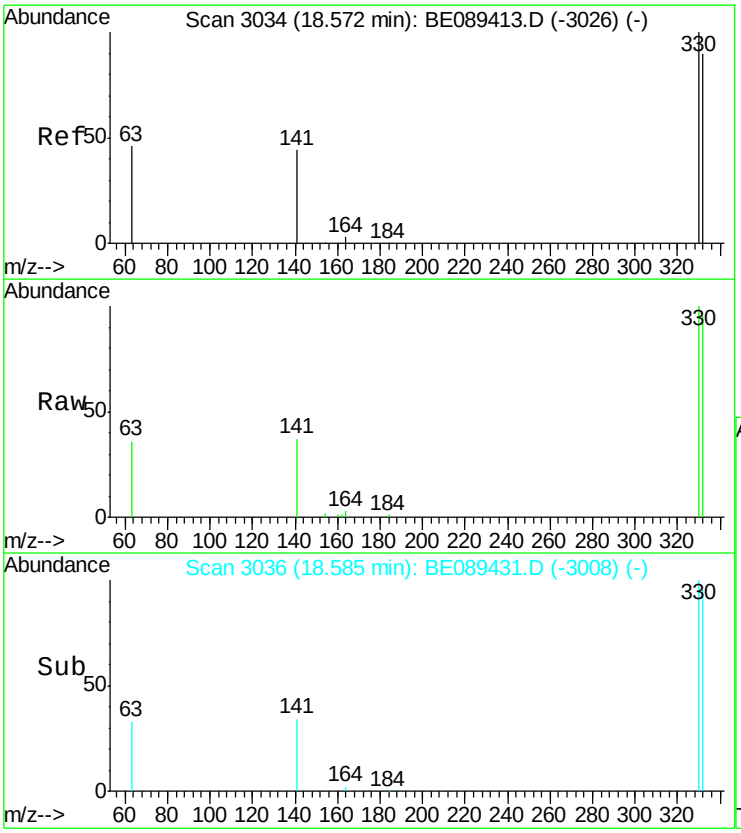
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 251417

Ion	Ratio	Lower	Upper
164	100		
162	95.5	77.0	115.6
160	43.3	35.0	52.4

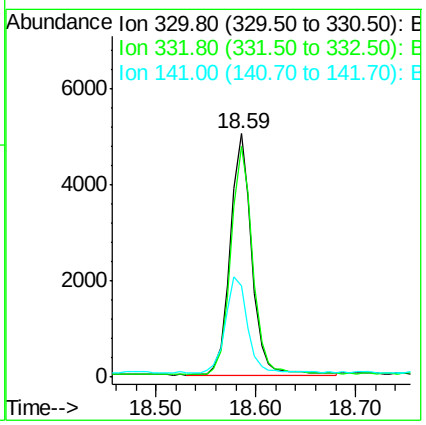


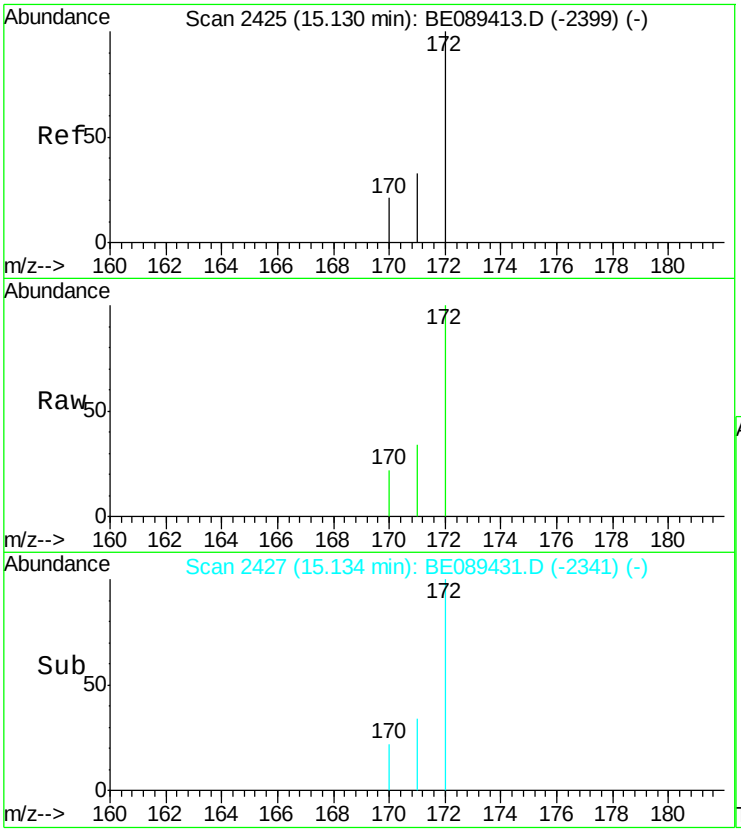


#14
2,4,6-Tribromophenol
Concen: 1.08 ng
RT: 18.59 min Scan# 3036
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion:330 Resp: 7486

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.0	114.0
141	40.5	35.6	53.4



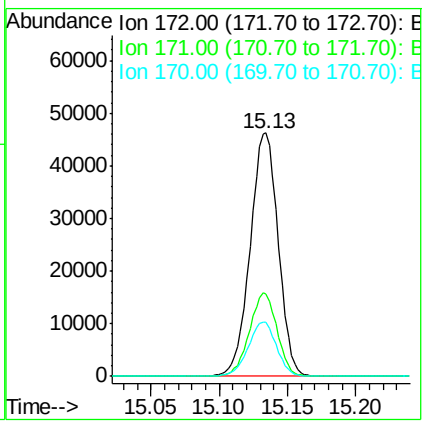


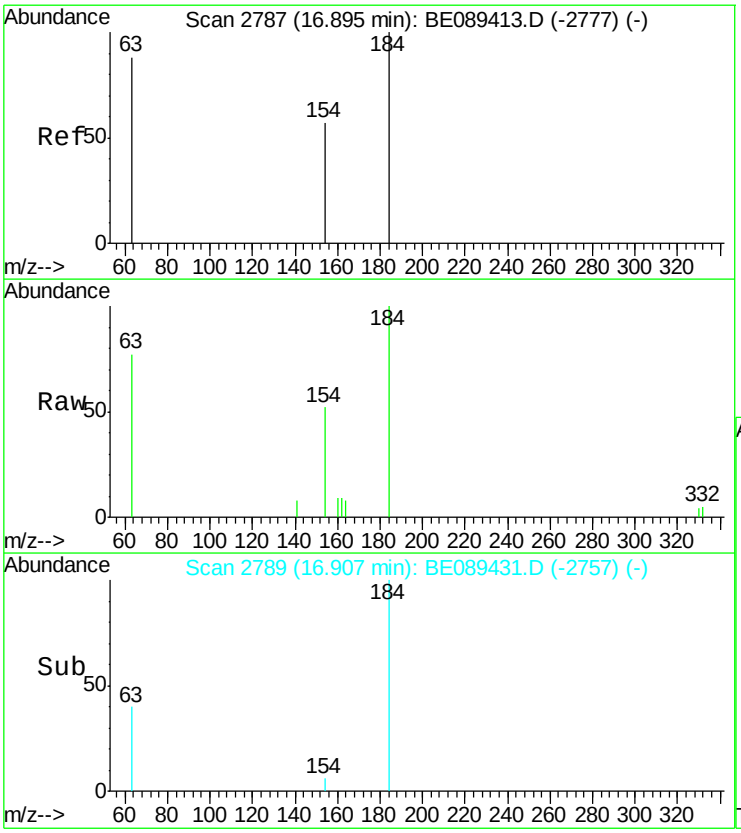
#15
2-Fluorobiphenyl
Concen: 0.93 ng
RT: 15.13 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:172 Resp: 65141

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.6	39.8
170	22.1	17.1	25.7

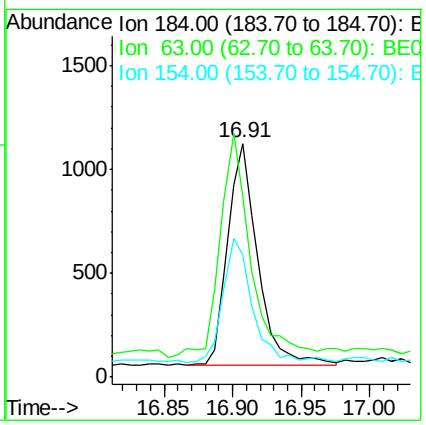


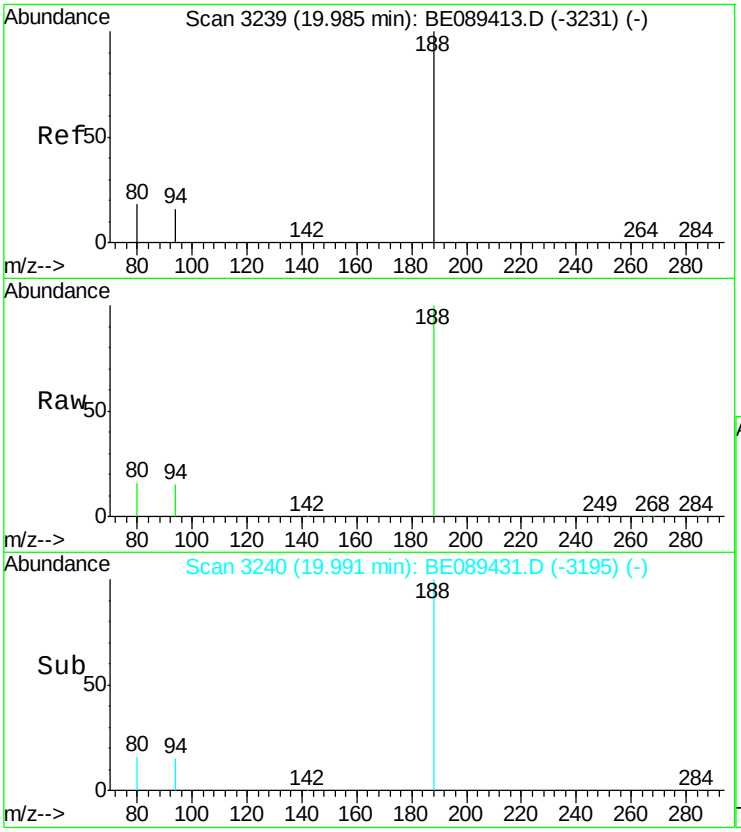


#16
2,4-Dinitrophenol
Concen: 0.88 ng
RT: 16.91 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion:184 Resp: 1618

Ion	Ratio	Lower	Upper
184	100		
63	77.3	79.0	118.4#
154	52.3	55.8	83.6#



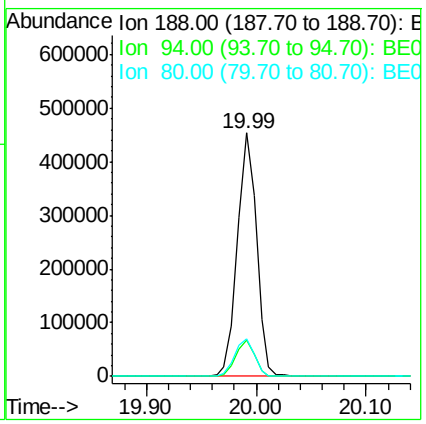


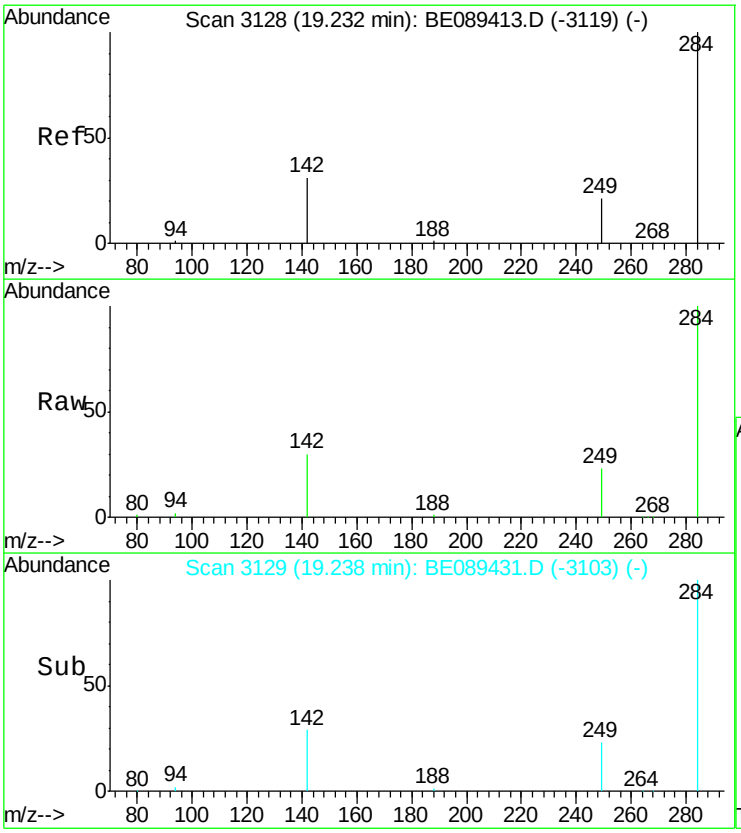
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 545560

Ion	Ratio	Lower	Upper
188	100		
94	14.8	13.0	19.6
80	15.7	14.2	21.4

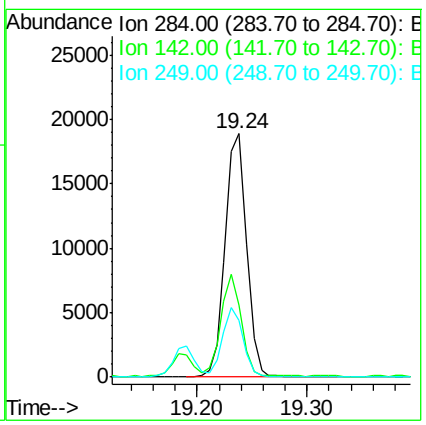


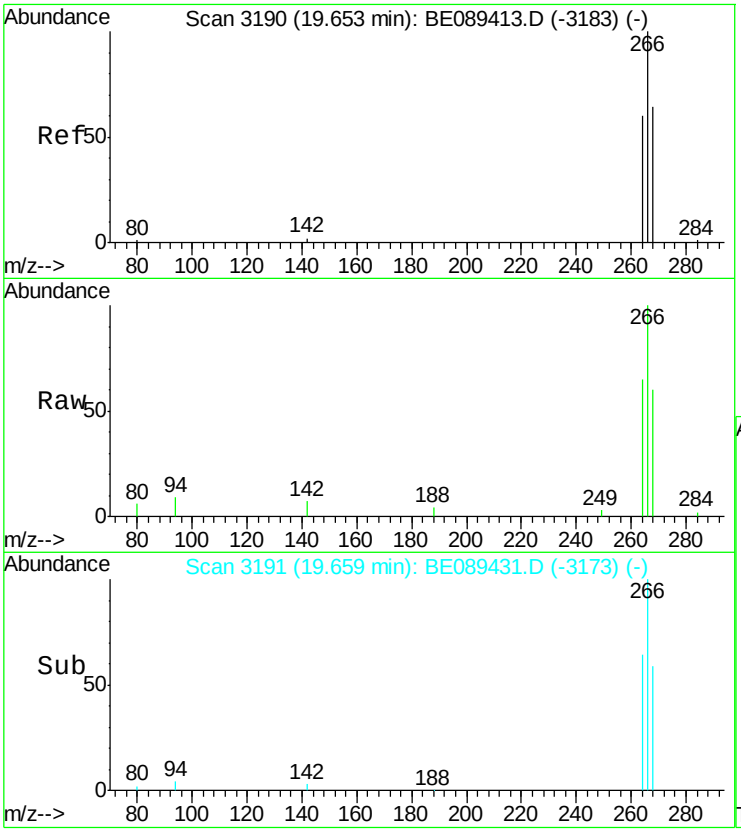


#18
Hexachlorobenzene
Concen: 0.94 ng
RT: 19.24 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion:284 Resp: 25240

Ion	Ratio	Lower	Upper
284	100		
142	29.6	28.3	42.5
249	23.1	19.9	29.9



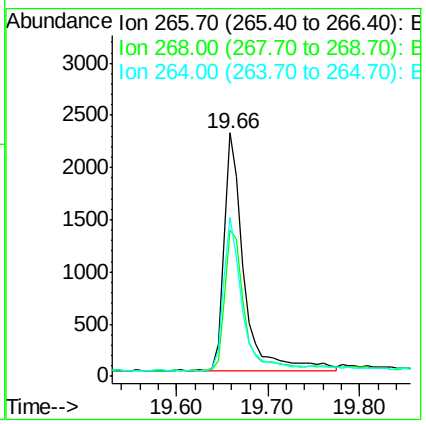


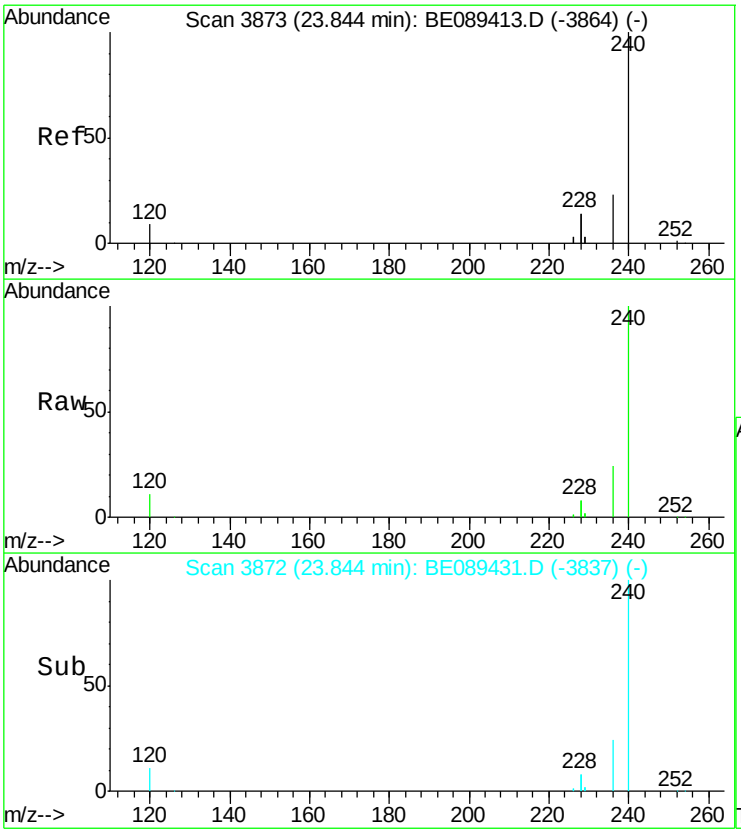
#19
Pentachlorophenol
Concen: 0.69 ng
RT: 19.66 min Scan# 3191
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 3437

Ion	Ratio	Lower	Upper
266	100		
268	60.0	51.9	77.9
264	65.3	48.5	72.7

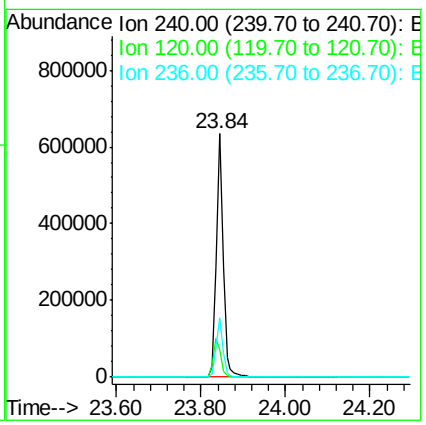


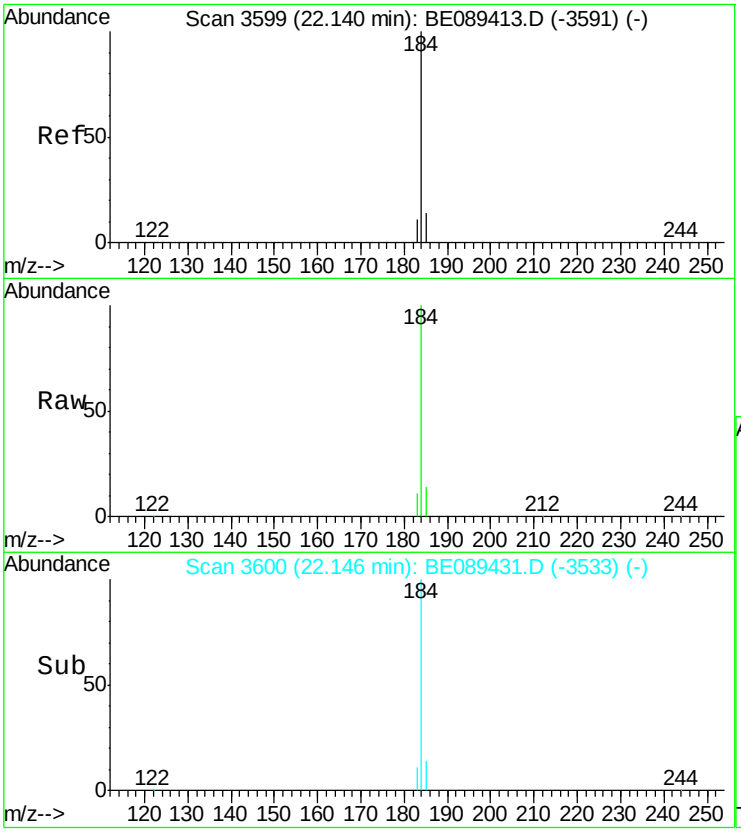


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion:240 Resp: 698465

Ion	Ratio	Lower	Upper
240	100		
120	11.2	6.9	10.3#
236	24.1	18.2	27.2



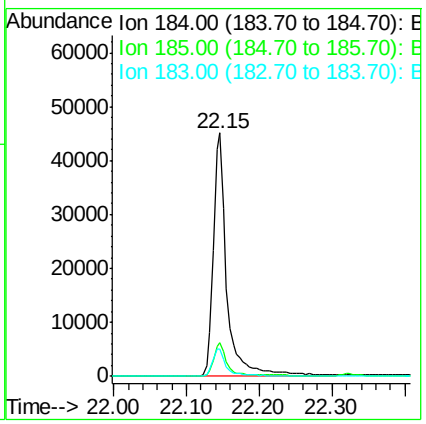


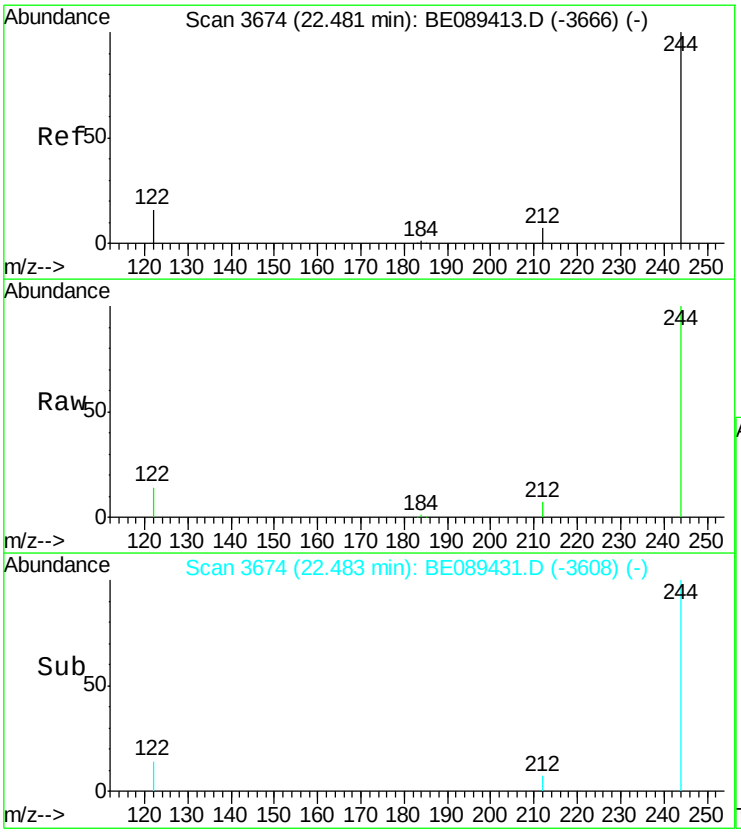
#21
Benzidine
Concen: 0.95 ng
RT: 22.15 min Scan# 3600
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:184 Resp: 58064

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.0	16.6
183	11.3	8.6	13.0

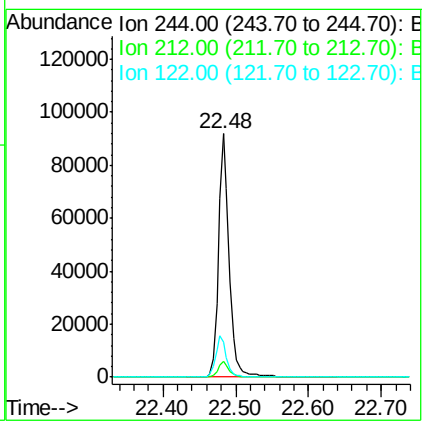


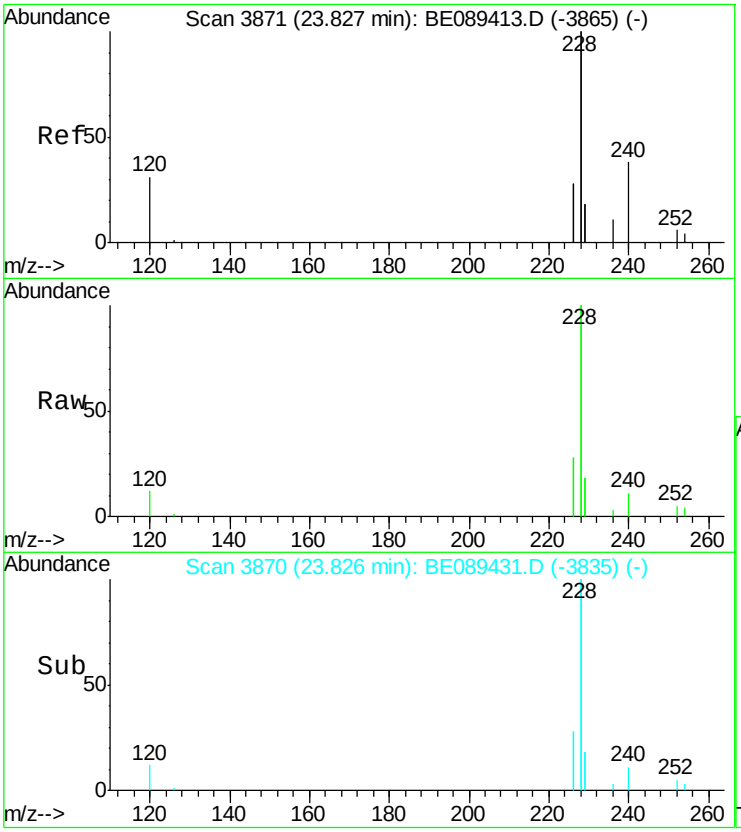


#22
Terphenyl-d14
Concen: 1.15 ng
RT: 22.48 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion:244 Resp: 92882

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.3	13.2	19.8



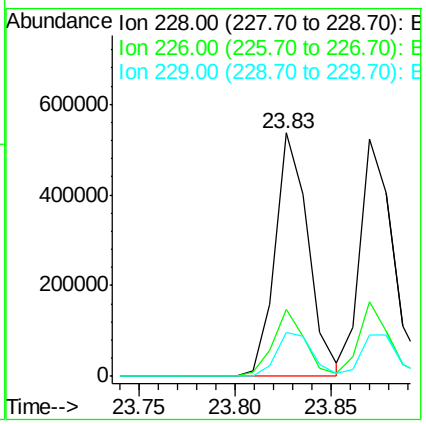


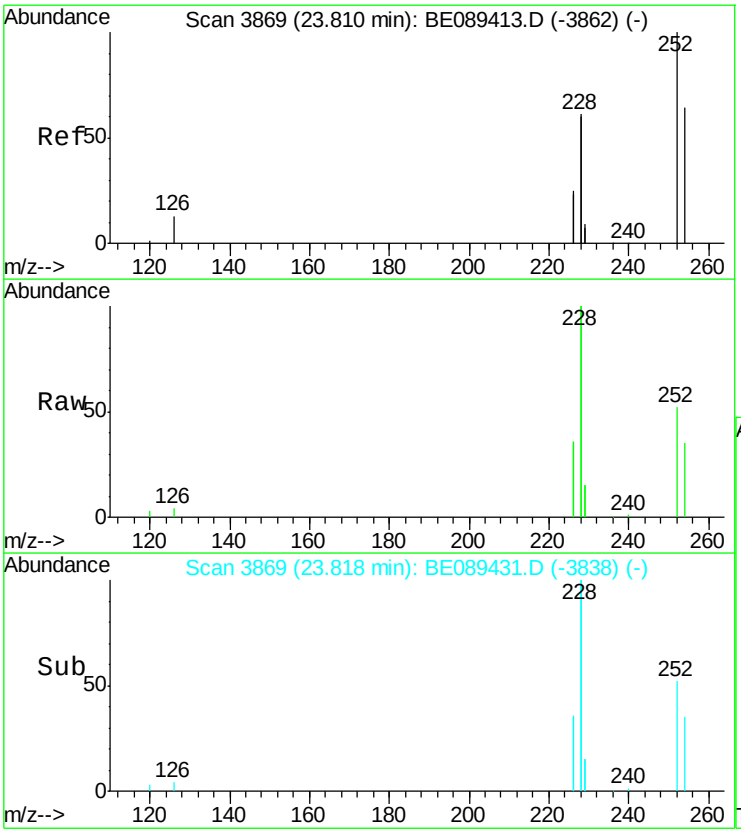
#23
Benzo(a)anthracene
Concen: 1.20 ng
RT: 23.83 min Scan# 3870
Delta R.T. -0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 638967

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	17.9	14.5	21.7

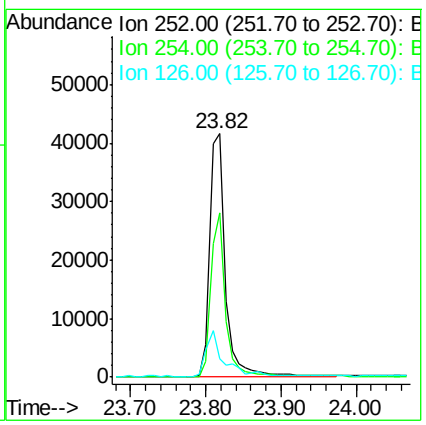


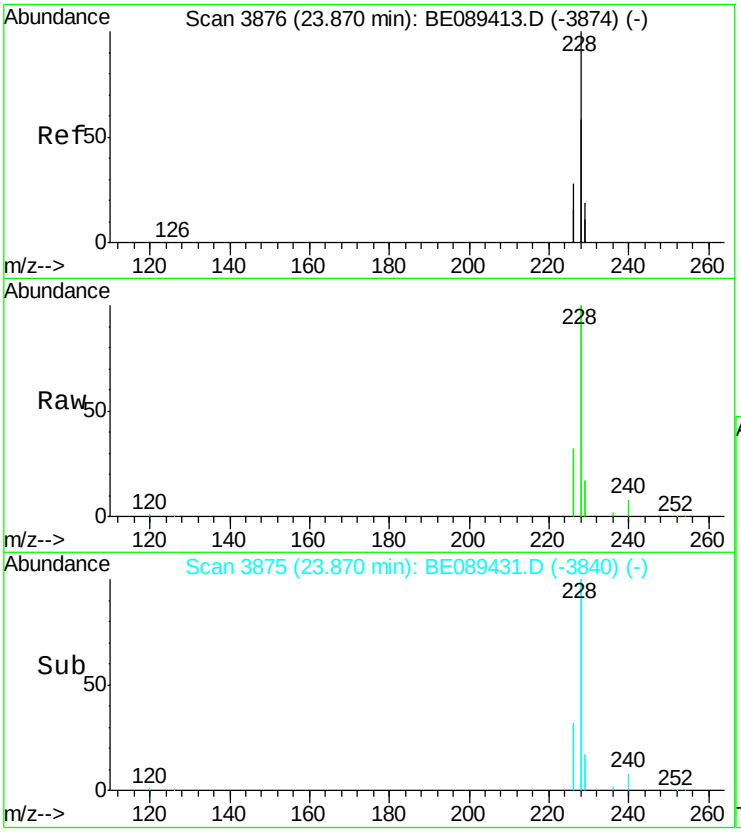


#24
3,3'-Dichlorobenzidine
Concen: 1.41 ng
RT: 23.82 min Scan# 3869
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion:252 Resp: 58623

Ion	Ratio	Lower	Upper
252	100		
254	67.2	51.1	76.7
126	7.5	11.5	17.3#



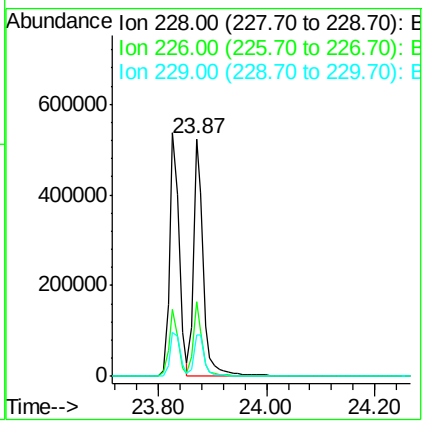


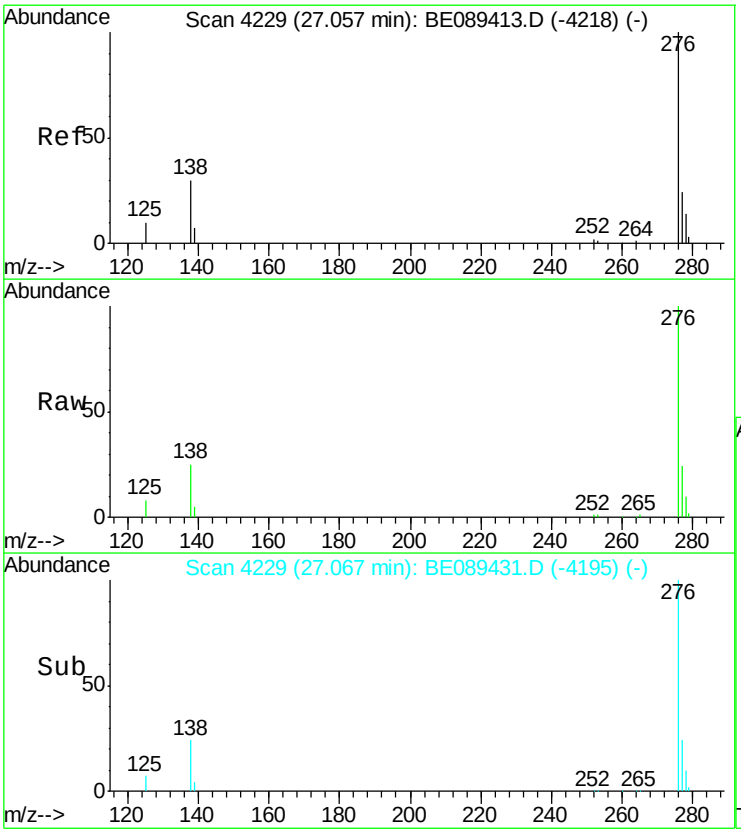
#25
Chrysene
Concen: 0.91 ng
RT: 23.87 min Scan# 3875
Delta R.T. -0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 660407

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	17.2	15.5	23.3

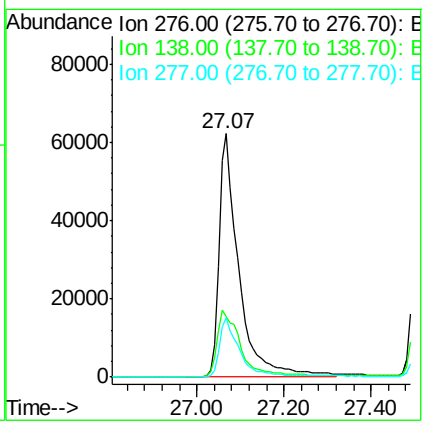


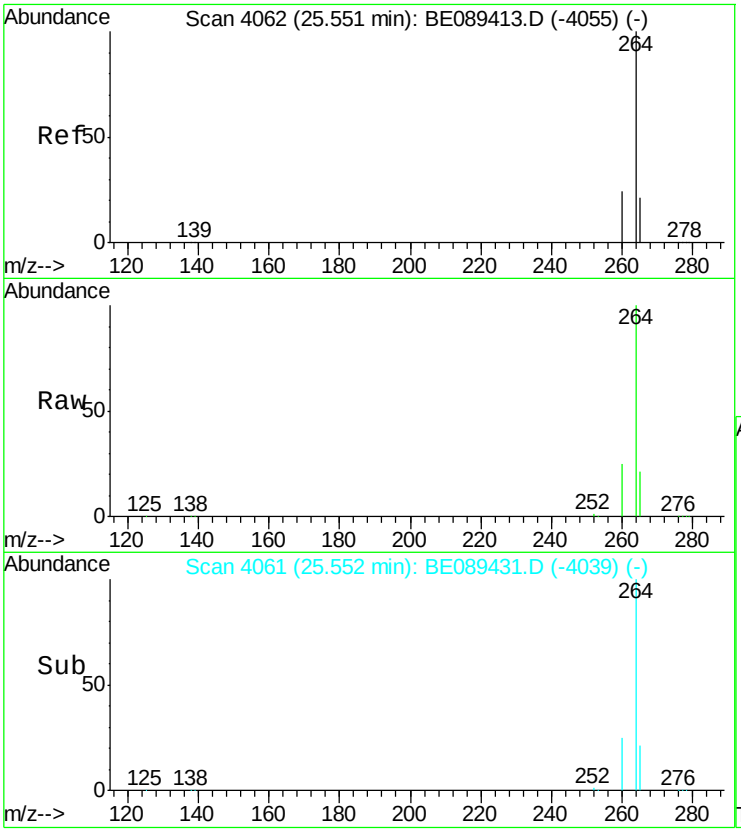


#26
Indeno(1,2,3-cd)pyrene
Concen: 1.58 ng
RT: 27.07 min Scan# 4229
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion:276 Resp: 197968

Ion	Ratio	Lower	Upper
276	100		
138	32.5	0.0	0.0#
277	24.7	0.0	0.0#



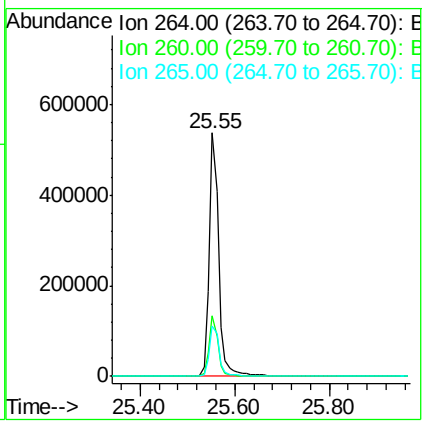


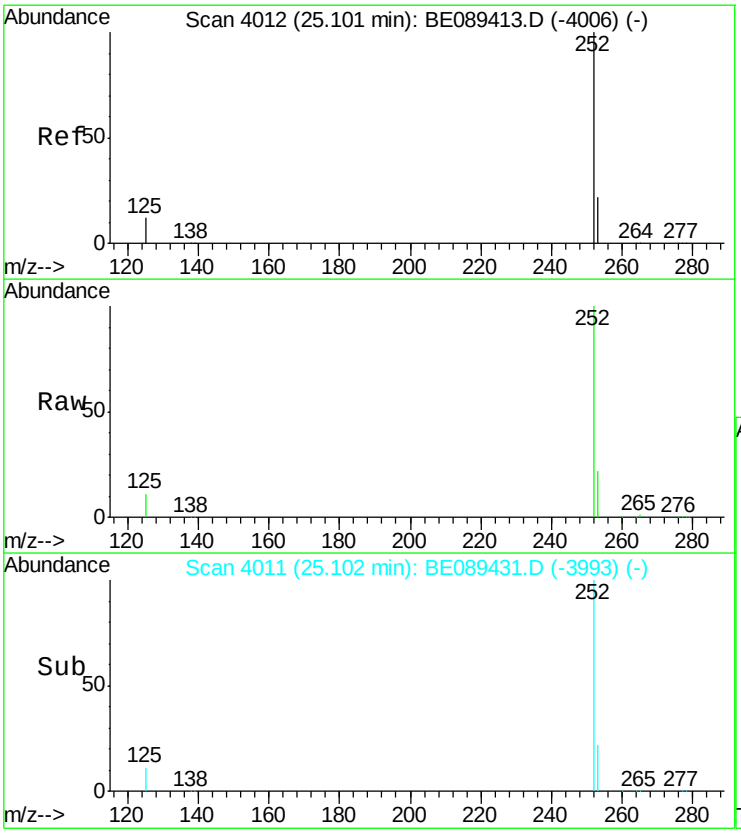
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.55 min Scan# 4061
Delta R.T. 0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:264 Resp: 744049

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	20.9	17.1	25.7

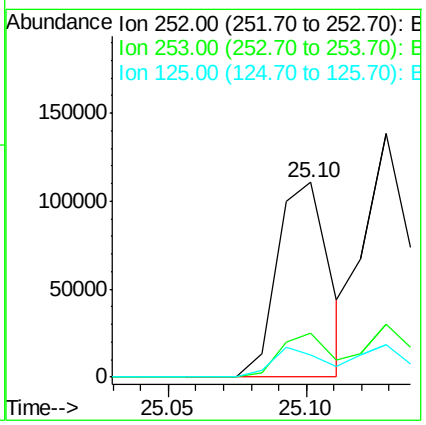


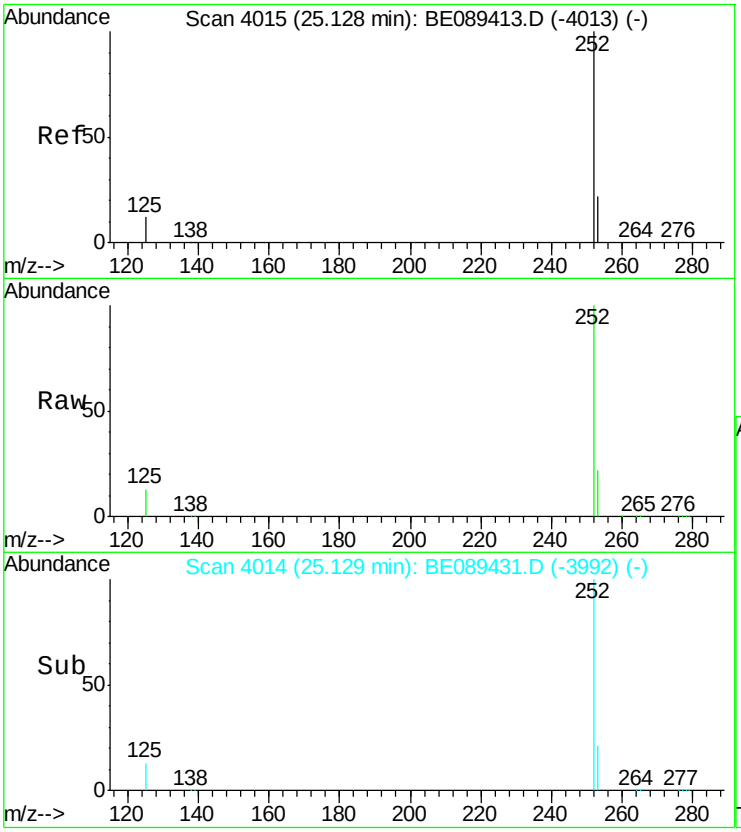


#28
Benzo(b)fluoranthene
Concen: 1.97 ng
RT: 25.10 min Scan# 4011
Delta R.T. 0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion:252 Resp: 144666

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.5	10.5	15.7



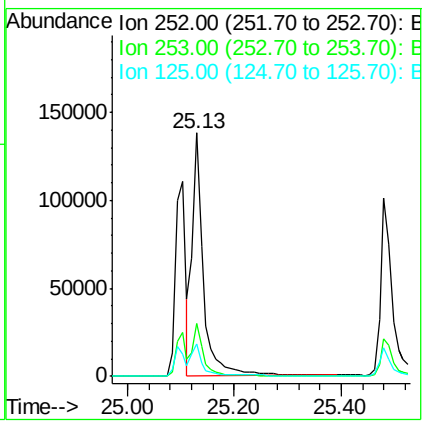


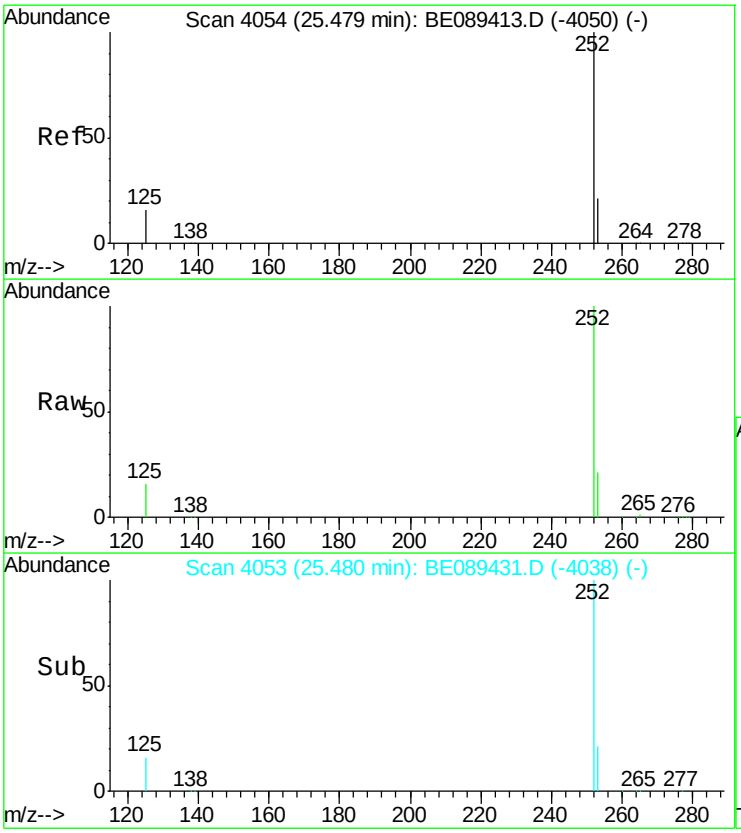
#29
Benzo(k)fluoranthene
Concen: 1.03 ng
RT: 25.13 min Scan# 4014
Delta R.T. 0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 198958

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	13.2	11.0	16.6

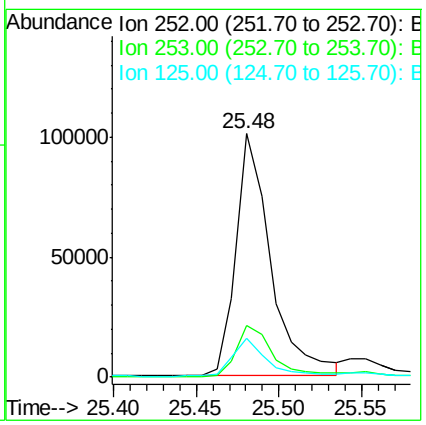


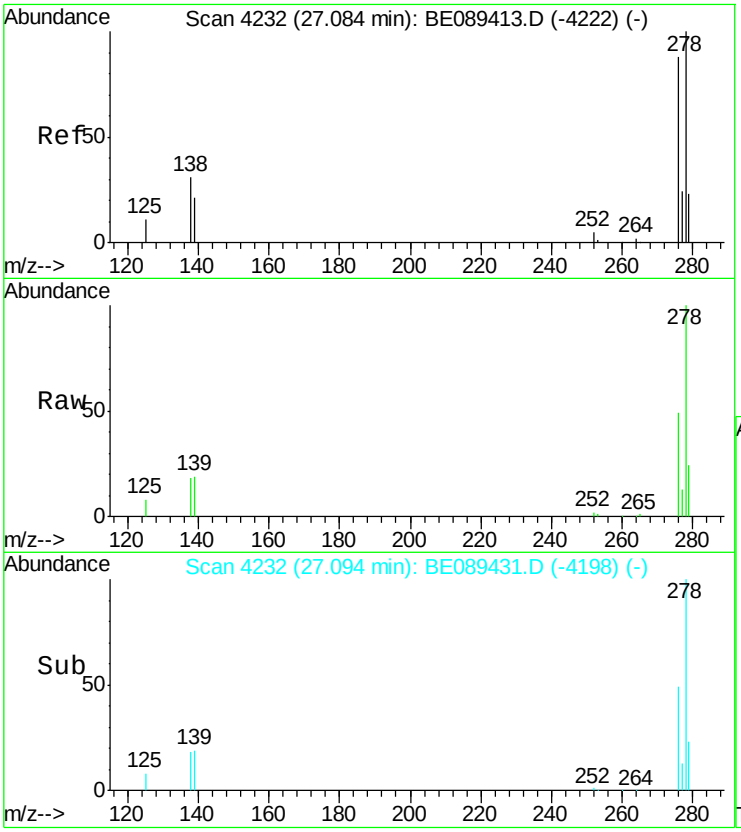


#30
Benzo(a)pyrene
Concen: 1.64 ng
RT: 25.48 min Scan# 4053
Delta R.T. 0.00 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Tgt Ion:252 Resp: 148995

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.3	25.9
125	15.9	13.0	19.6





#31
Dibenzo(a,h)anthracene
Concen: 1.84 ng
RT: 27.09 min Scan# 4232
Delta R.T. 0.01 min
Lab File: BE089431.D
Acq: 30 Jan 2015 3:36

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:278 Resp: 166745

Ion	Ratio	Lower	Upper
278	100		
139	19.1	17.2	25.8
279	23.7	19.2	28.8