Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012815\
Data File : BE089398.D
Acq On : 28 Jan 2015 21:10
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC005

Quant Time: Jan 29 12:12:59 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE012815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 11:58:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	88960	5.00	ng		0.00
7) Naphthalene-d8	12.50	136	286326	5.00	ng		0.00
13) Acenaphthene-d10	16.68	164	97746	5.00	ng		0.00
17) Phenanthrene-d10	19.98	188	167125	5.00	ng		0.00
20) Chrysene-d12	23.84	240	290825	5.00	ng		0.00
27) Perylene-d12	25.55	264	368965	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.73	112	134172	4.83	ng		0.00
4) Phenol-d6	8.84	99	156528	4.57	ng		0.00
8) Nitrobenzene-d5	10.84	82	100534	4.98	ng		0.00
14) 2,4,6-Tribromophenol	18.58	330	10960	0.13	ng		0.00
15) 2-Fluorobiphenyl	15.13	172	149366	0.14	ng		0.00
22) Terphenyl-d14	22.48	244	138545	4.30	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.55	42	75670	4.76	ng	#	91
5) Phenol	8.86	94	168335	4.62	ng		87
6) bis(2-Chloroethyl)ether	9.06	93	124674	4.60	ng	#	98
9) Nitrobenzene	10.89	77	114639	5.03	ng		99
10) 2,4-Dimethylphenol	11.82	122	84516	4.87	ng		100
11) 2,4-Dichlorophenol	12.20	162	66152	4.95	ng		86
12) Hexachlorobutadiene	12.89	225	45913	4.84	ng		99
16) 2,4-Dinitrophenol	16.90	184	4779	0.94	ng		87
18) Hexachlorobenzene	19.23	284	37152	4.83	ng		100
19) Pentachlorophenol	19.65	266	11054	7.44	ng		99
21) Benzidine	22.14	184	139101	4.05	ng		98
23) Benzo(a)anthracene	23.83	228	1347792	5.00	ng		98
24) 3,3'-Dichlorobenzidine	23.81	252	137172	6.40	ng		97
25) Chrysene	23.87	228	1581239	4.80	ng		99
26) Indeno(1,2,3-cd)pyrene	27.07	276	557516	7.26	ng	#	100
28) Benzo(b)fluoranthene	25.10	252	318479	6.57	ng		99
29) Benzo(k)fluoranthene	25.13	252	580746	4.94	ng		100
30) Benzo(a)pyrene	25.48	252	384889	6.76	ng		99
31) Dibenzo(a,h)anthracene	27.09	278	421559	6.96	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012815\
Data File : BE089398.D
Acq On : 28 Jan 2015 21:10
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
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SSTDICC005

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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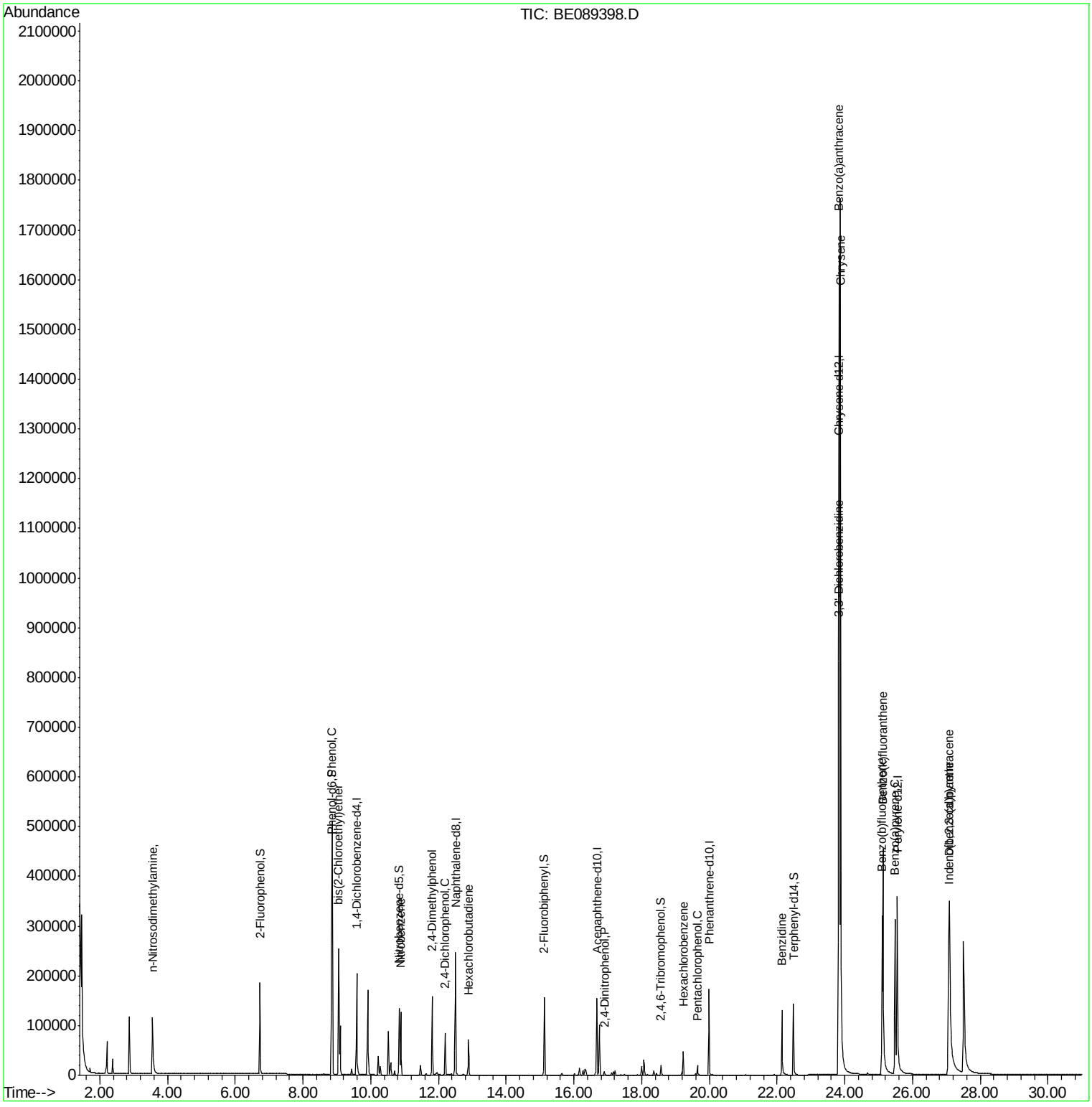
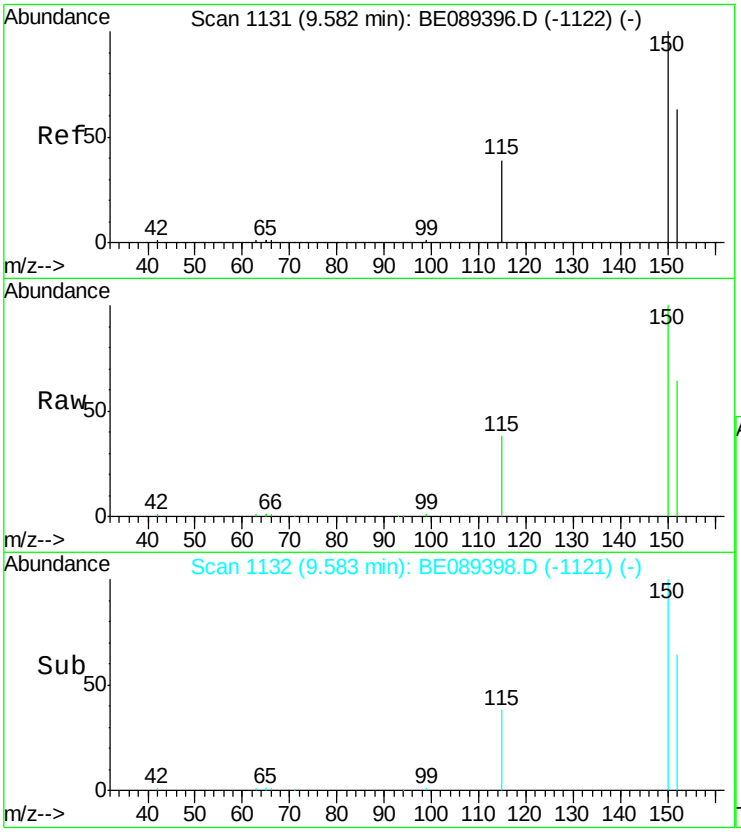


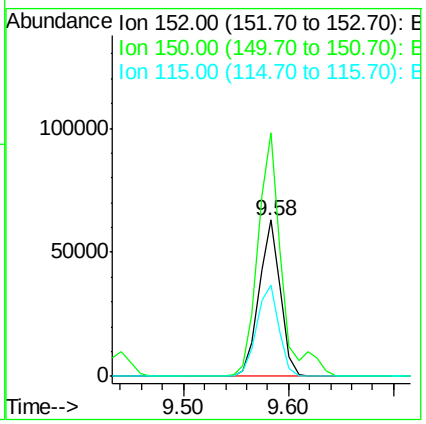


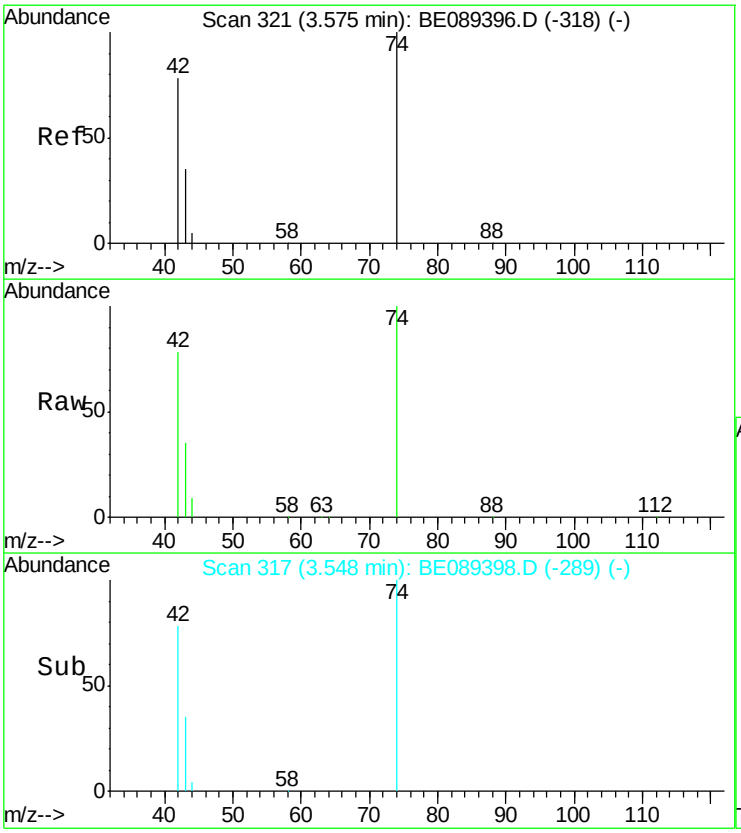
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:152 Resp: 88960

Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.2	190.8
115	58.7	49.3	73.9

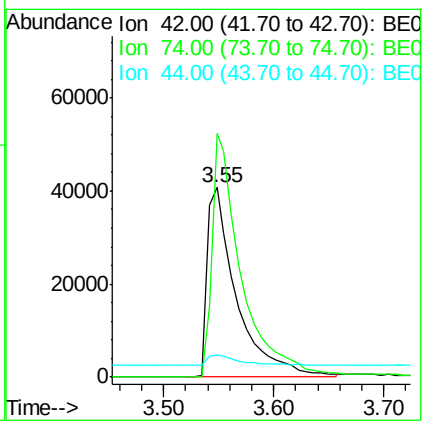


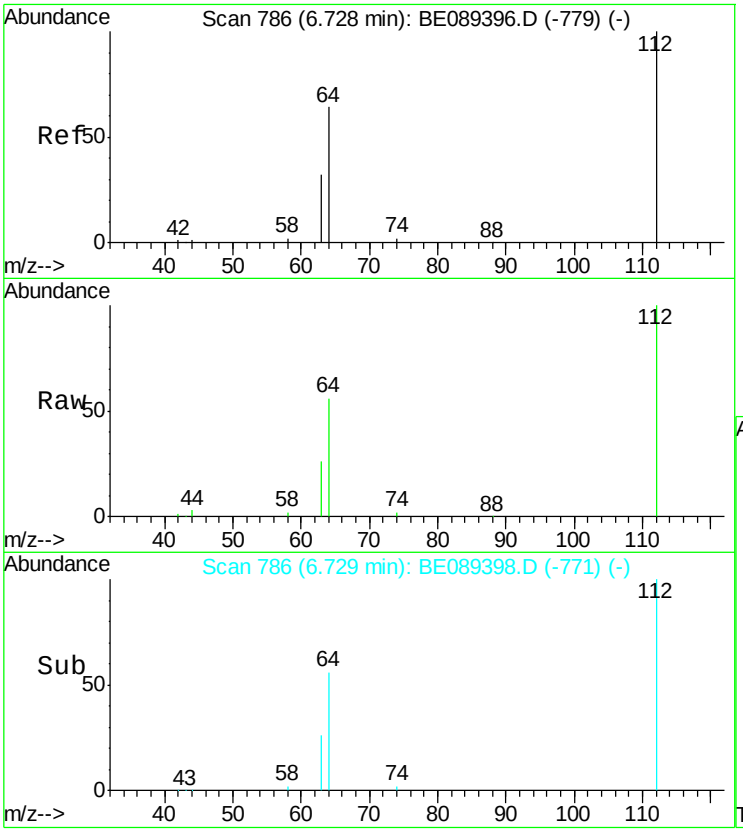


#2
n-Nitrosodimethylamine
Concen: 4.76 ng
RT: 3.55 min Scan# 317
Delta R.T. -0.01 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion: 42 Resp: 75670

Ion	Ratio	Lower	Upper
42	100		
74	128.6	101.2	151.8
44	12.0	26.4	39.6#



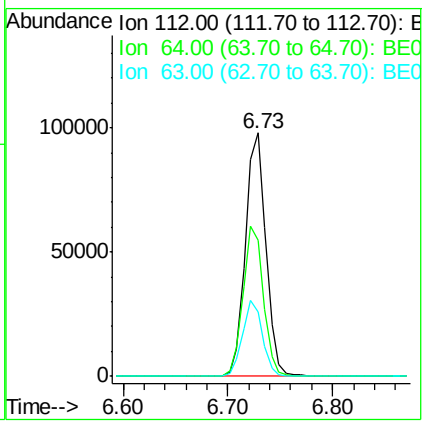


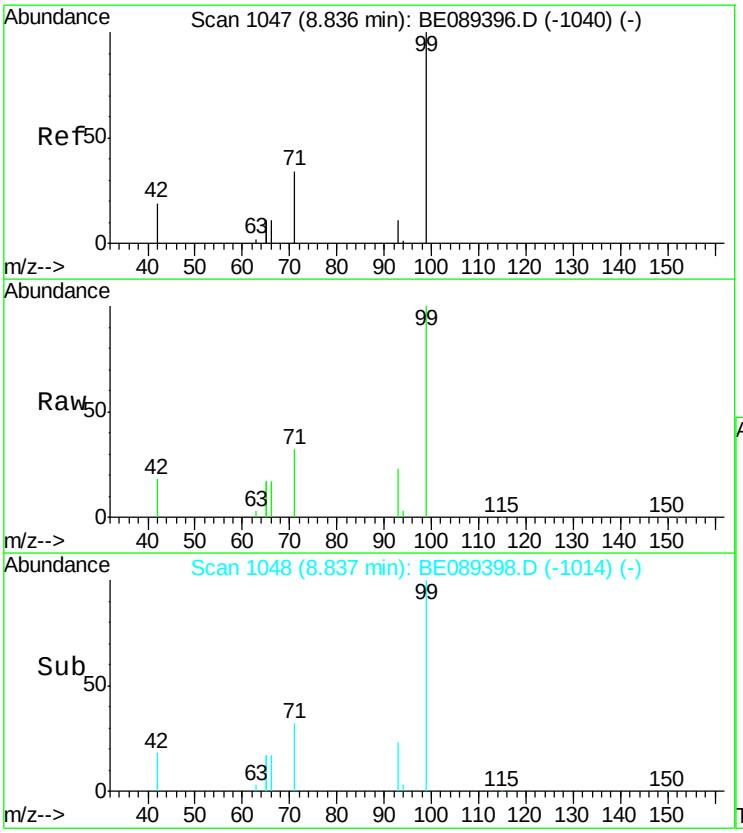
#3
2-Fluorophenol
Concen: 4.83 ng
RT: 6.73 min Scan# 786
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:112 Resp: 134172

Ion	Ratio	Lower	Upper
112	100		
64	56.2	51.7	77.5
63	26.5	25.7	38.5

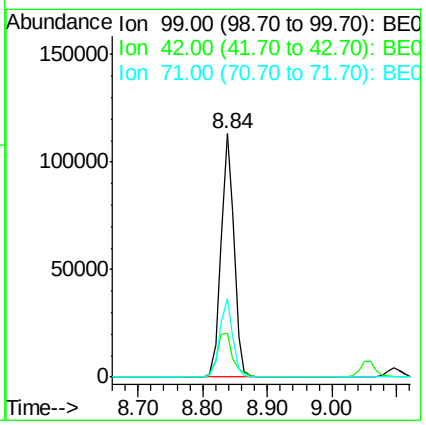


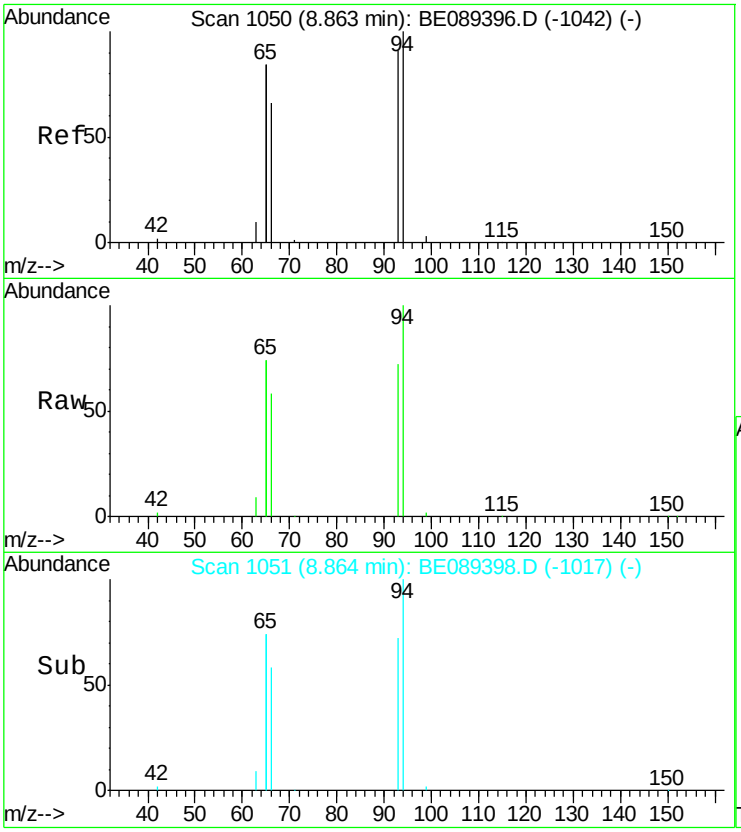


#4
Phenol-d6
Concen: 4.57 ng
RT: 8.84 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion: 99 Resp: 156528

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.3	22.9
71	32.1	27.0	40.6



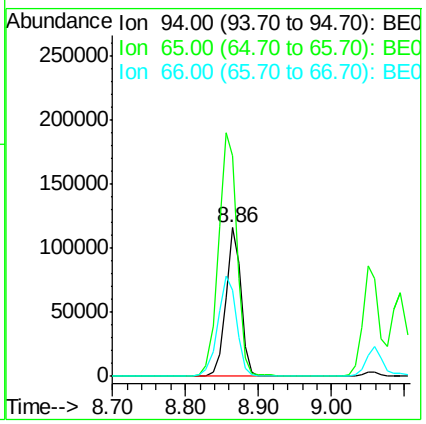


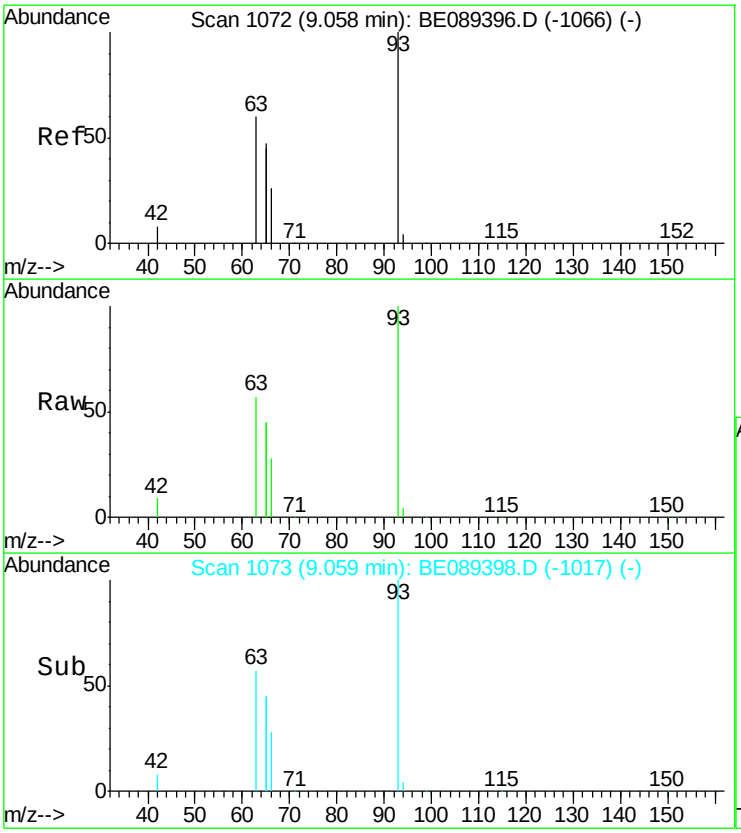
#5
Phenol
Concen: 4.62 ng
RT: 8.86 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion: 94 Resp: 168335

Ion	Ratio	Lower	Upper
94	100		
65	148.8	148.6	188.6
66	58.0	46.2	86.2

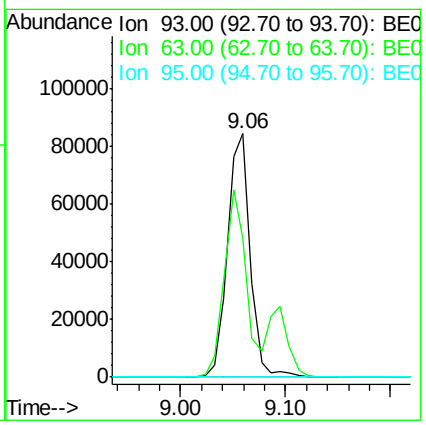


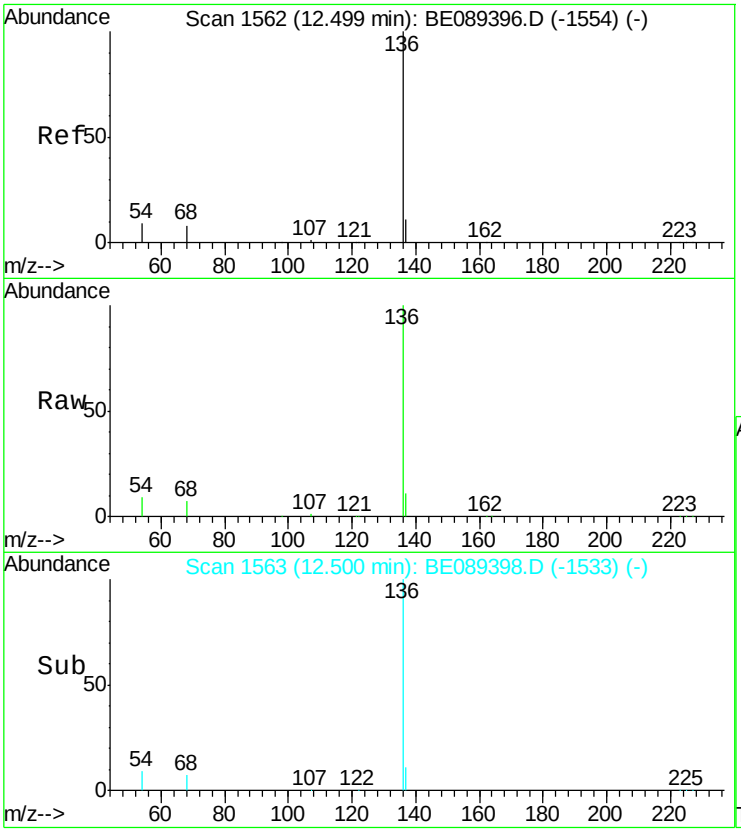


#6
bis(2-Chloroethyl)ether
Concen: 4.60 ng
RT: 9.06 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion: 93 Resp: 124674

Ion	Ratio	Lower	Upper
93	100		
63	75.3	58.9	88.3
95	0.0	0.0	0.0



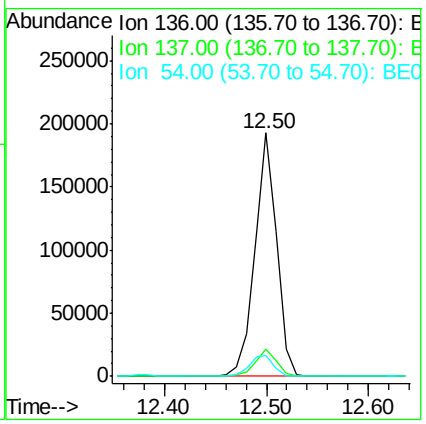


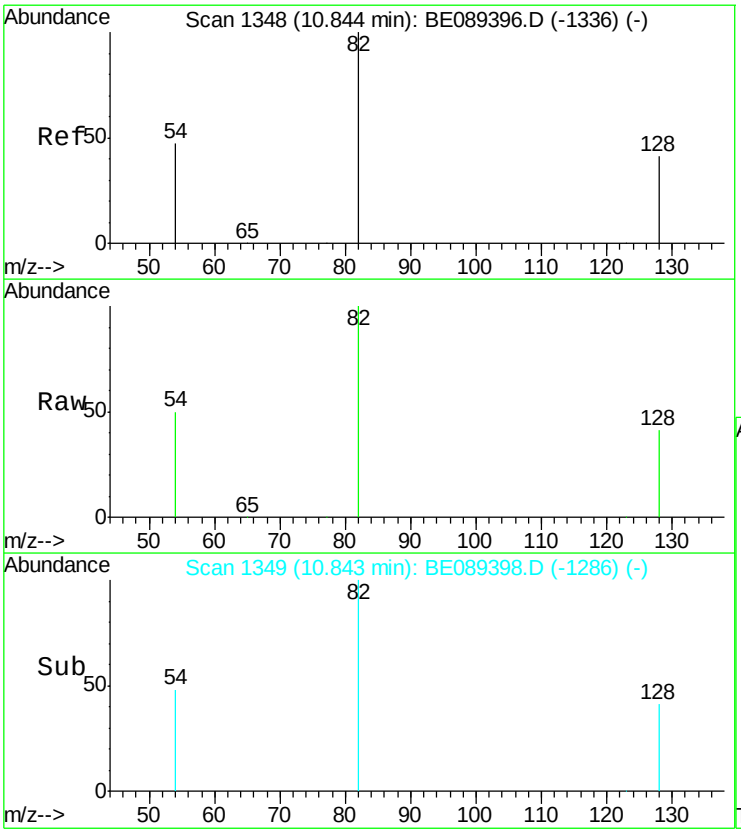
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.50 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:136 Resp: 286326

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.7	7.4	11.0

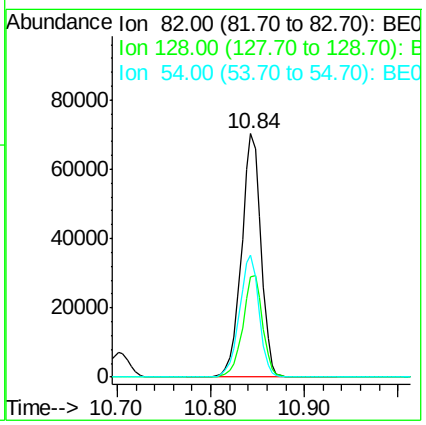


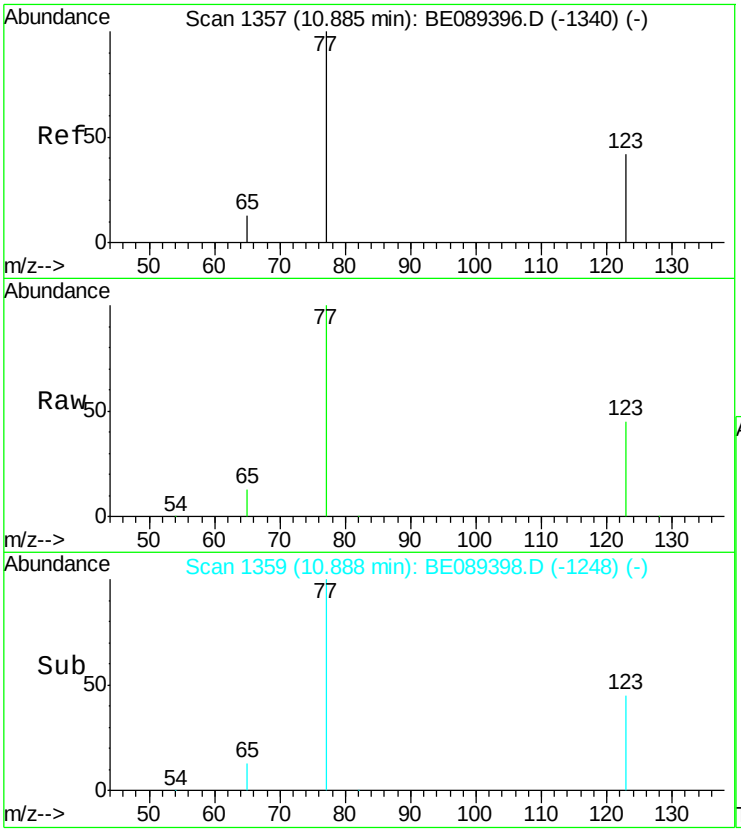


#8
Nitrobenzene-d5
Concen: 4.98 ng
RT: 10.84 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion: 82 Resp: 100534

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.6	50.4
54	50.4	37.7	56.5



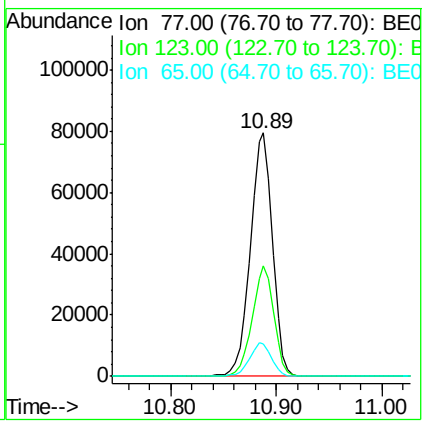


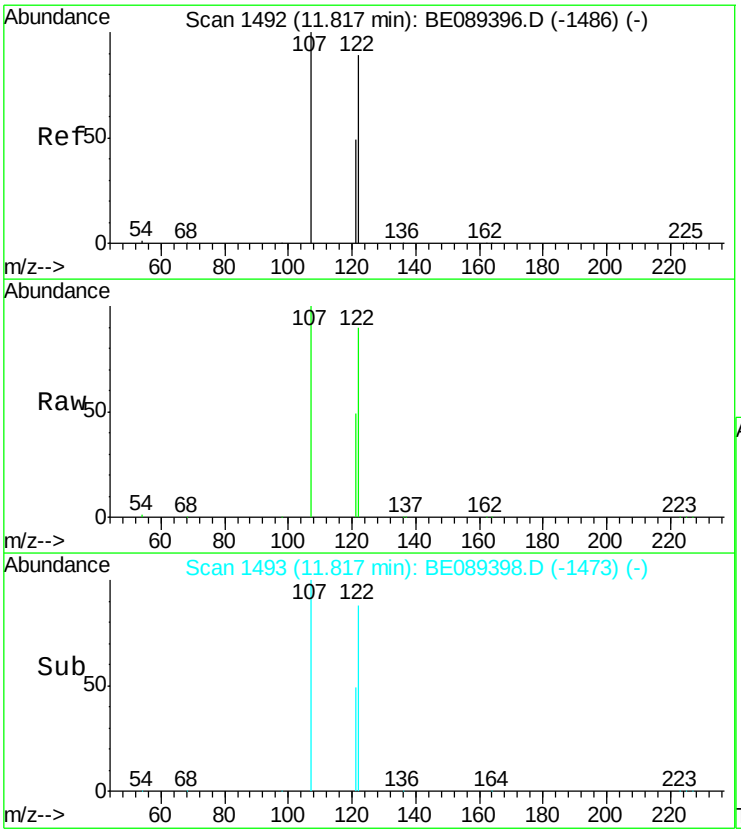
#9
Nitrobenzene
Concen: 5.03 ng
RT: 10.89 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 114639

Ion	Ratio	Lower	Upper
77	100		
123	44.5	34.7	52.1
65	13.5	10.6	15.8

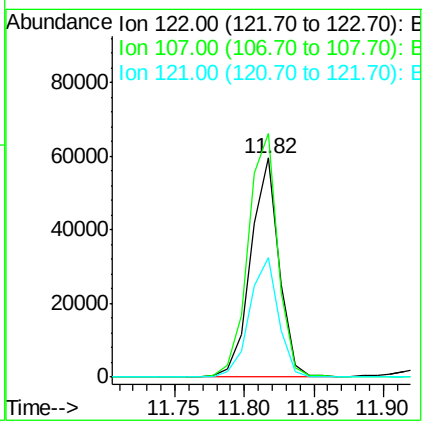


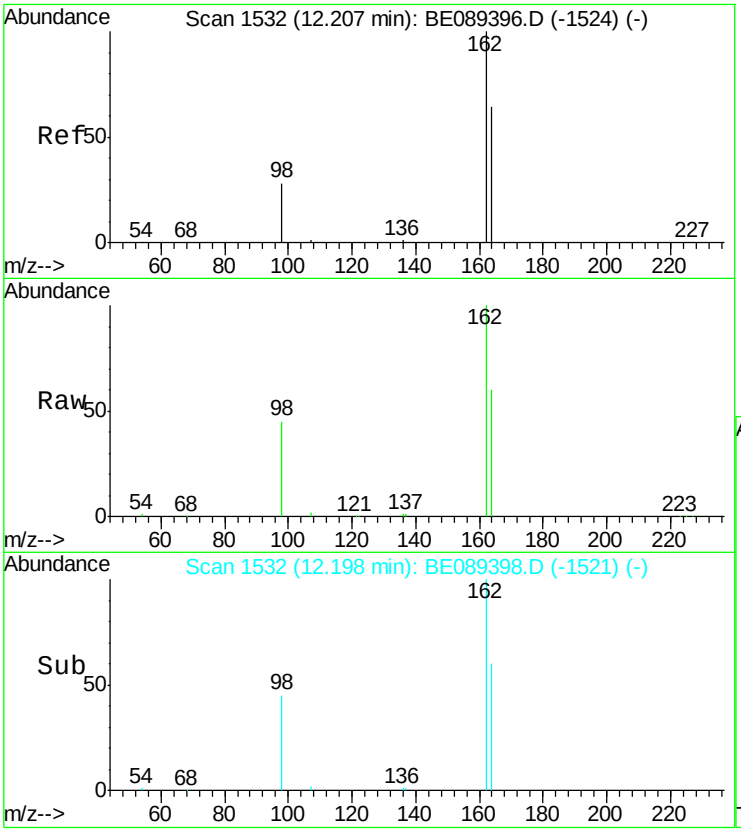


#10
2,4-Dimethylphenol
Concen: 4.87 ng
RT: 11.82 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion:122 Resp: 84516

Ion	Ratio	Lower	Upper
122	100		
107	111.3	89.4	134.2
121	54.7	43.6	65.4



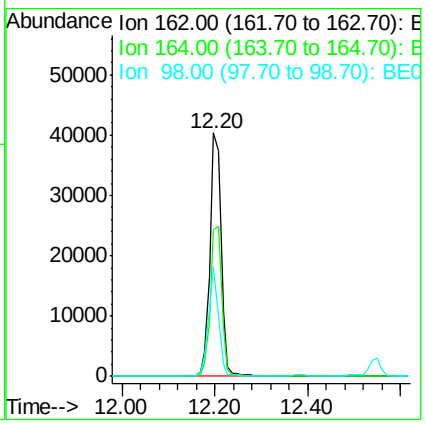


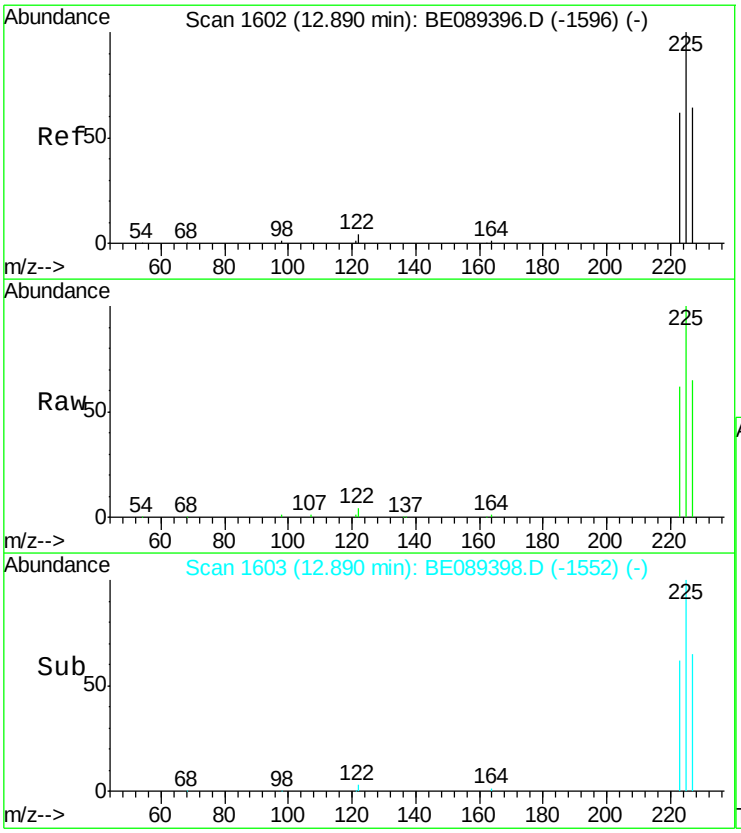
#11
2,4-Dichlorophenol
Concen: 4.95 ng
RT: 12.20 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:162 Resp: 66152

Ion	Ratio	Lower	Upper
162	100		
164	60.0	44.6	84.6
98	45.1	8.7	48.7

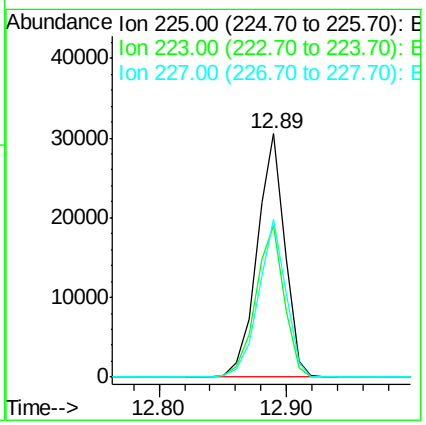


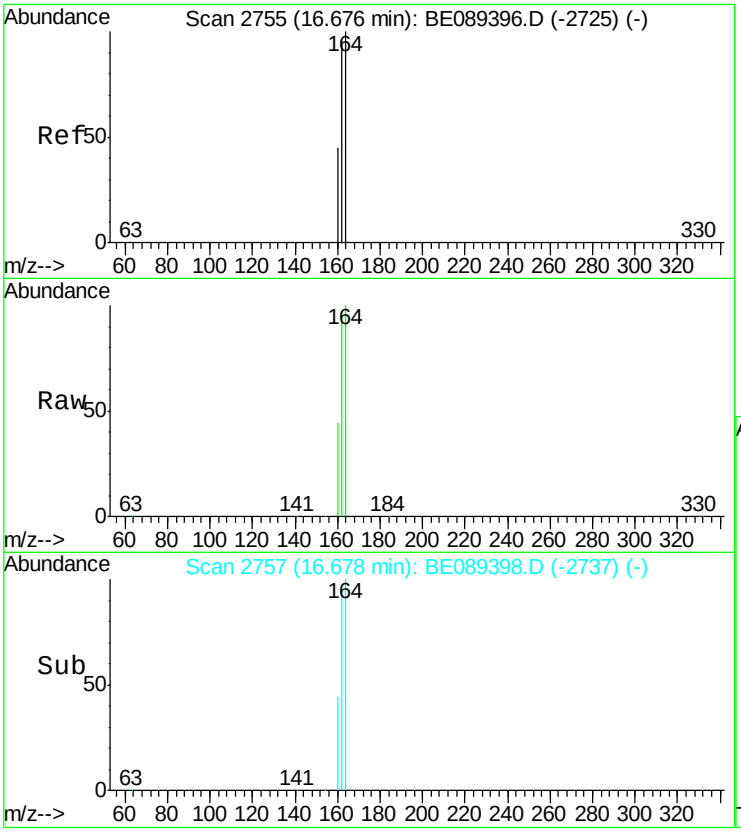


#12
Hexachlorobutadiene
Concen: 4.84 ng
RT: 12.89 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion:225 Resp: 45913

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.4
227	63.4	50.5	75.7



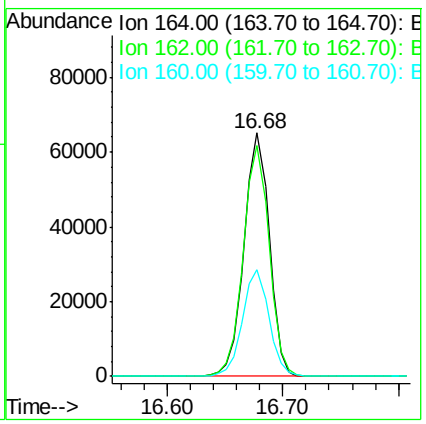


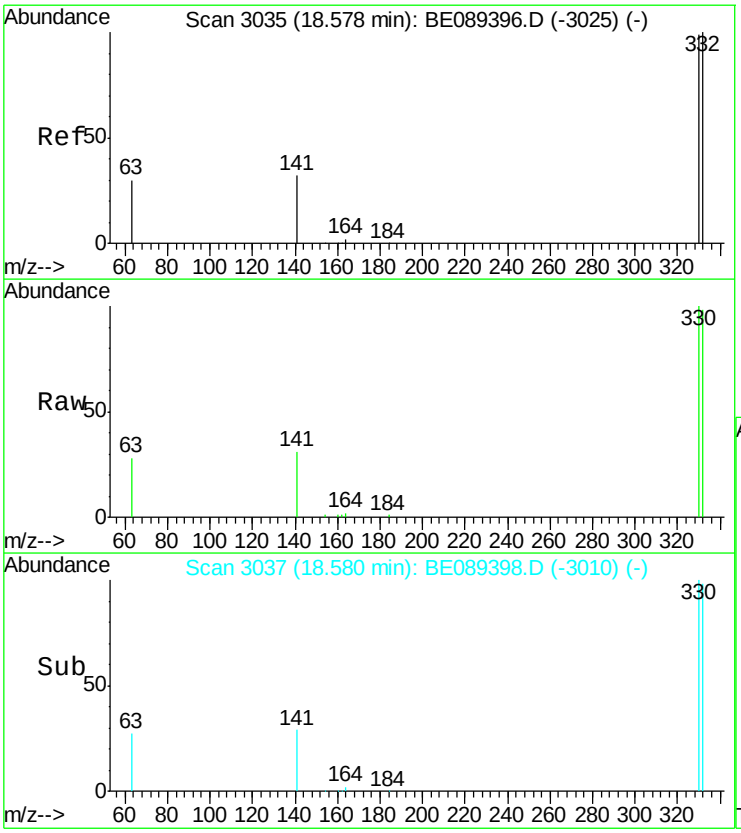
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2757
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:164 Resp: 97746

Ion	Ratio	Lower	Upper
164	100		
162	94.6	123.9	185.9#
160	43.8	0.0	0.0#

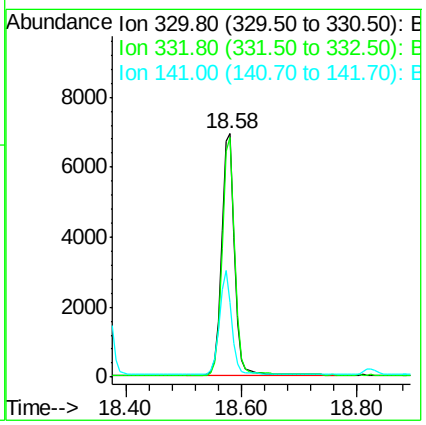


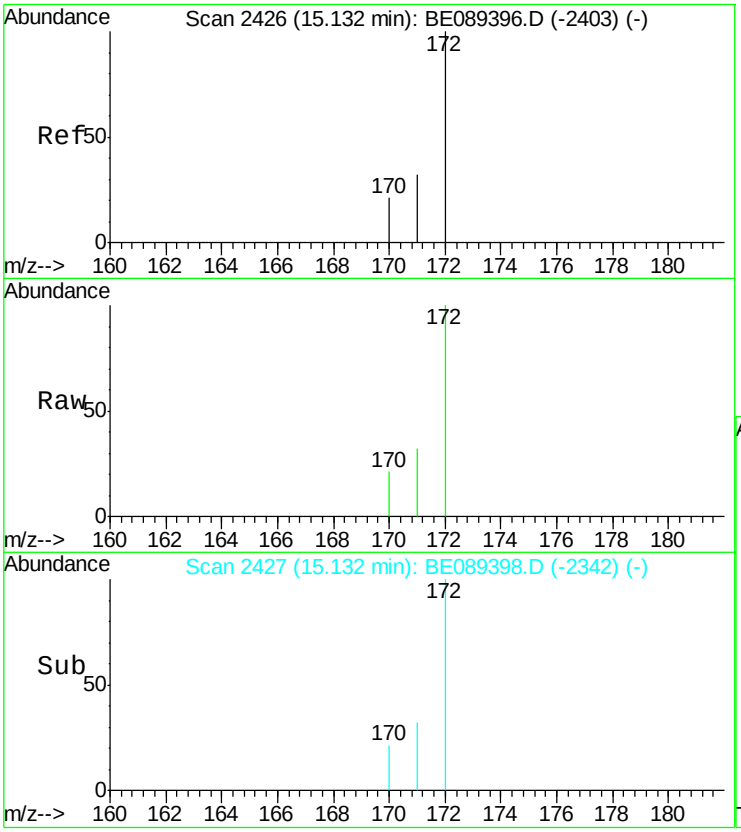


#14
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 18.58 min Scan# 3037
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion:330 Resp: 10960

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.5	116.3
141	40.4	32.4	48.6



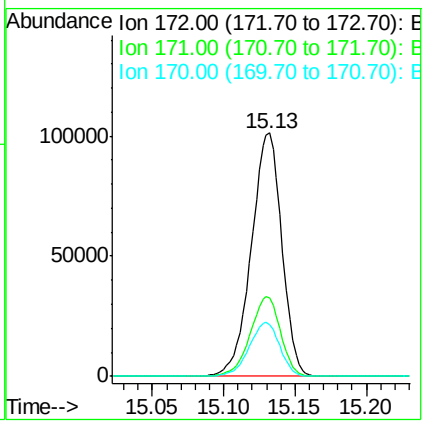


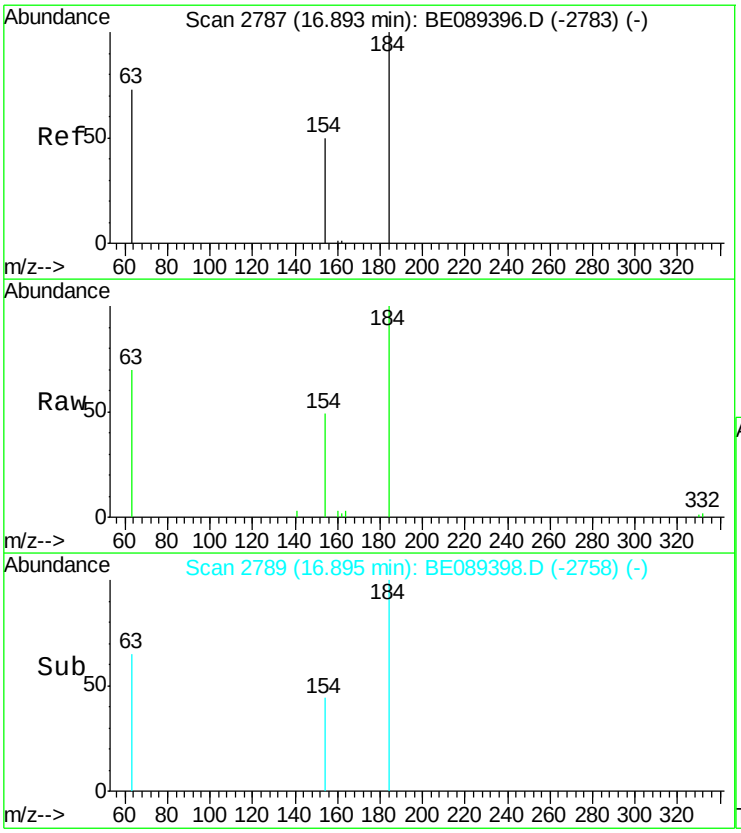
#15
2-Fluorobiphenyl
Concen: 0.14 ng
RT: 15.13 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:172 Resp: 149366

Ion	Ratio	Lower	Upper
172	100		
171	32.1	25.6	38.4
170	21.3	17.0	25.4

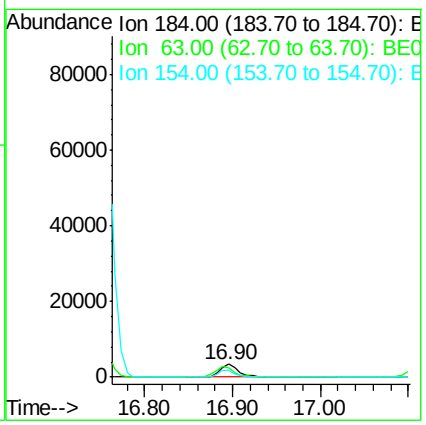


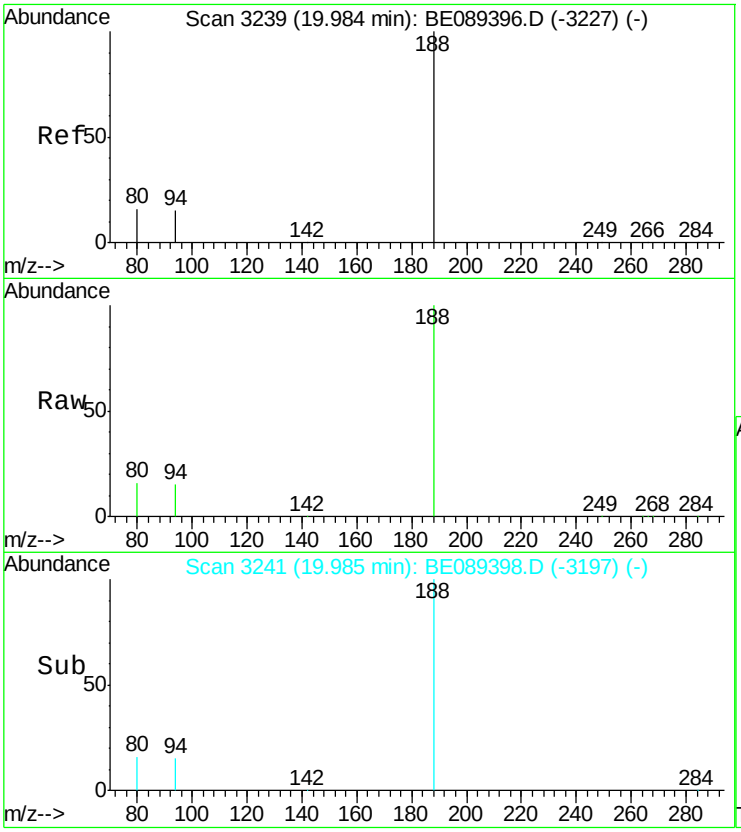


#16
2,4-Dinitrophenol
Concen: 0.94 ng
RT: 16.90 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion:184 Resp: 4779

Ion	Ratio	Lower	Upper
184	100		
63	70.3	66.9	100.3
154	48.9	45.1	67.7



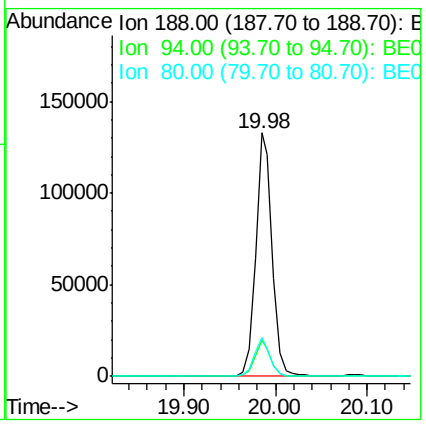


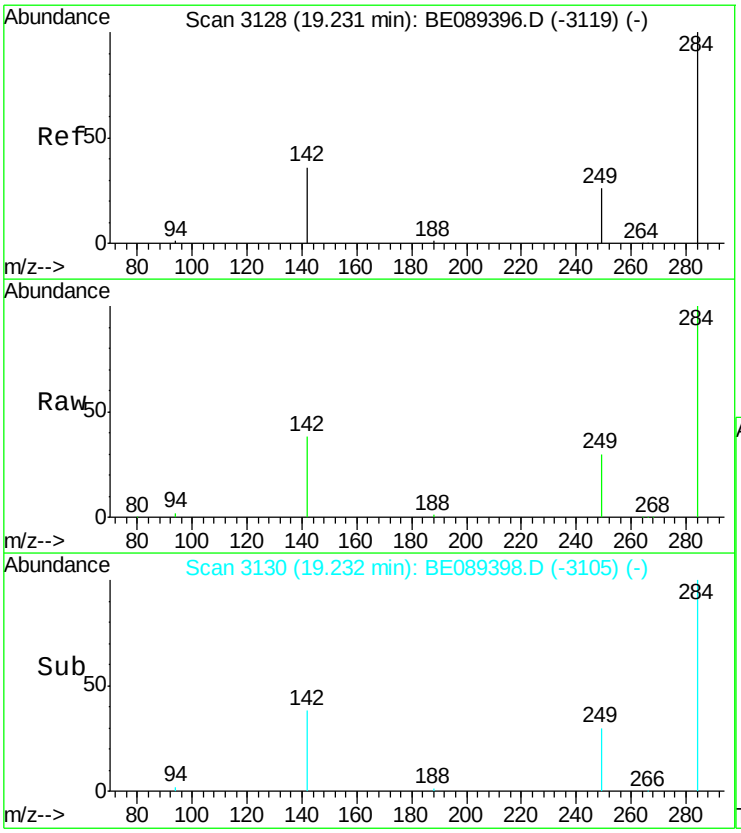
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.98 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:188 Resp: 167125

Ion	Ratio	Lower	Upper
188	100		
94	14.6	12.0	18.0
80	16.1	13.2	19.8

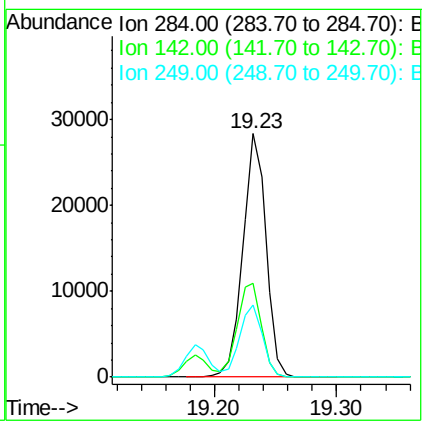


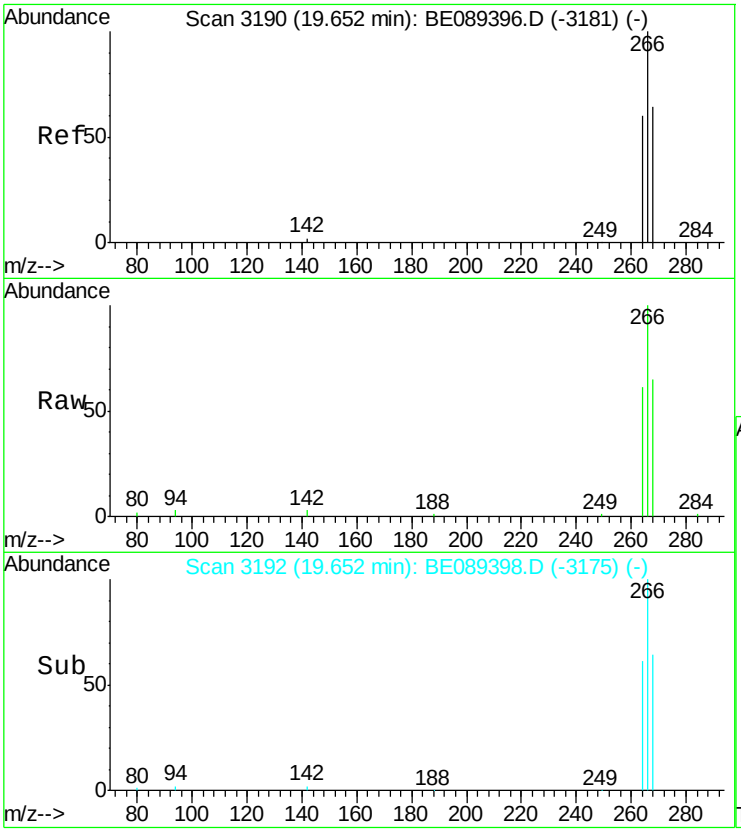


#18
Hexachlorobenzene
Concen: 4.83 ng
RT: 19.23 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion:284 Resp: 37152

Ion	Ratio	Lower	Upper
284	100		
142	38.4	30.7	46.1
249	29.7	23.4	35.2



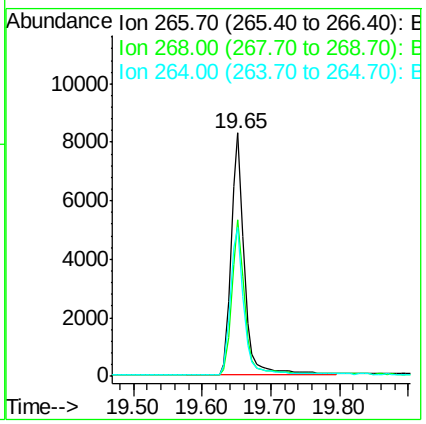


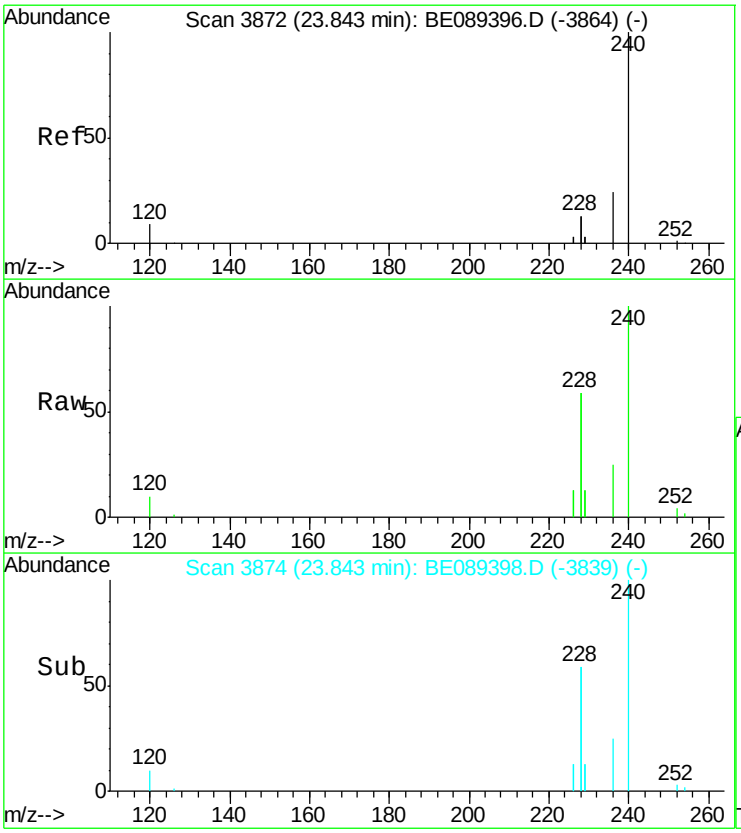
#19
Pentachlorophenol
Concen: 7.44 ng
RT: 19.65 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:266 Resp: 11054

Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.5	78.7
264	61.1	48.8	73.2

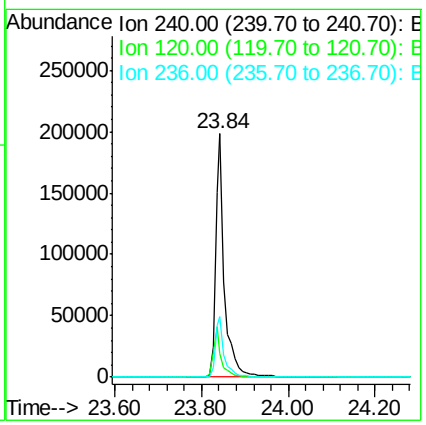


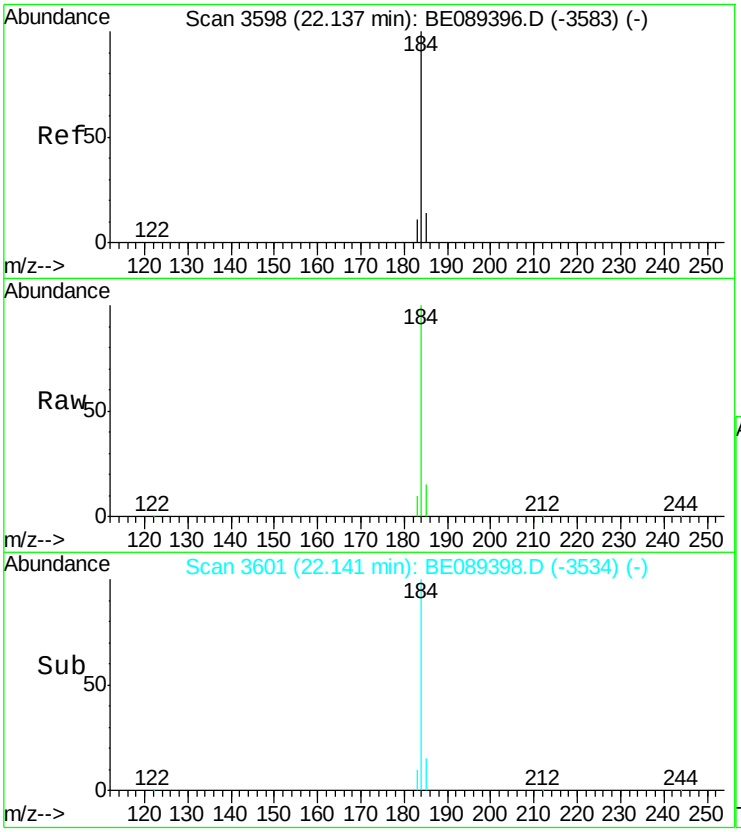


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3874
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion:240 Resp: 290825

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.1	10.7
236	24.7	19.5	29.3



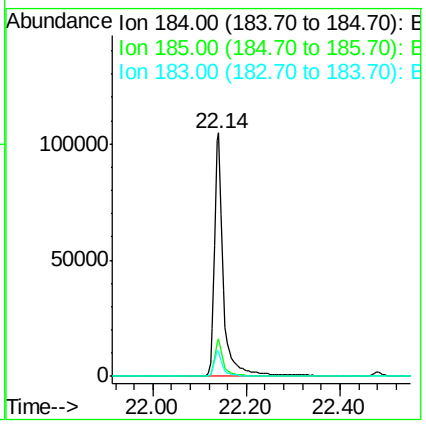


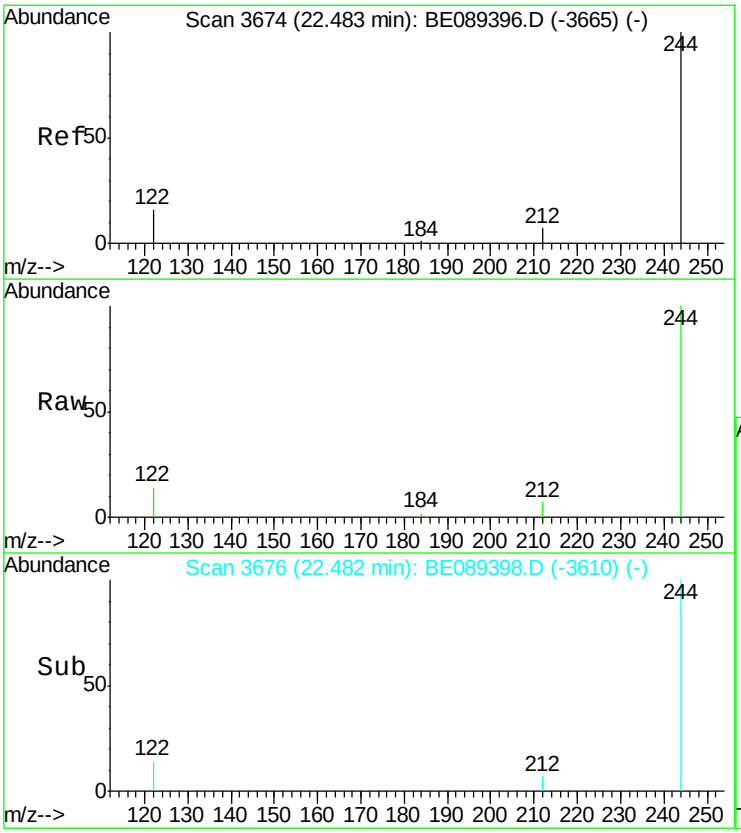
#21
Benzidine
Concen: 4.05 ng
RT: 22.14 min Scan# 3601
Delta R.T. 0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:184 Resp: 139101

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.4	17.0
183	10.1	8.7	13.1

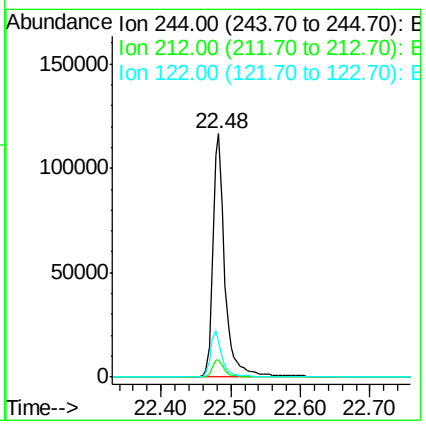


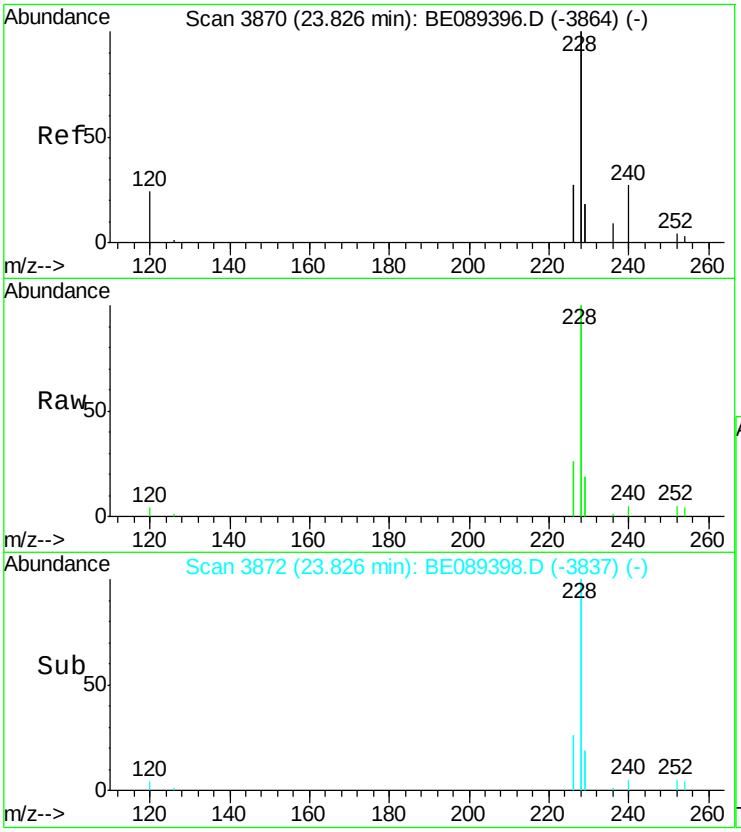


#22
Terphenyl-d14
Concen: 4.30 ng
RT: 22.48 min Scan# 3676
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion:244 Resp: 138545

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	14.3	12.8	19.2



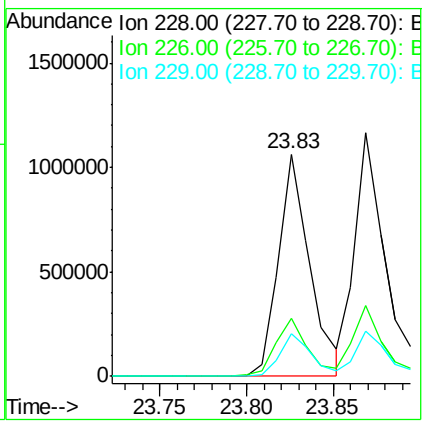


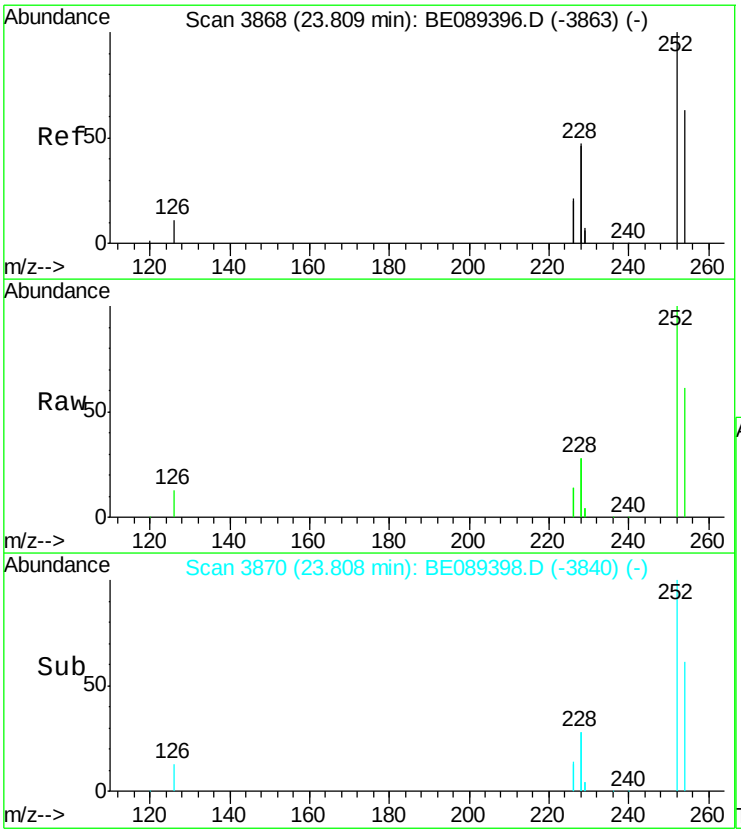
#23
Benzo(a)anthracene
Concen: 5.00 ng
RT: 23.83 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:228 Resp: 1347792

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.8	32.6
229	19.0	14.5	21.7

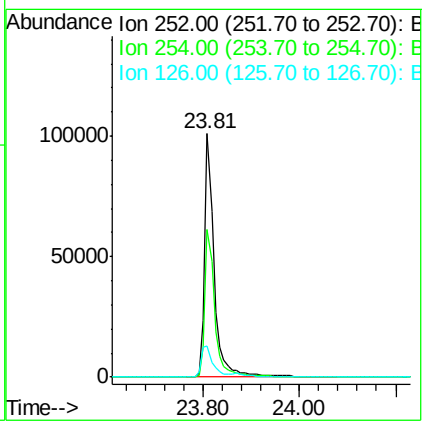


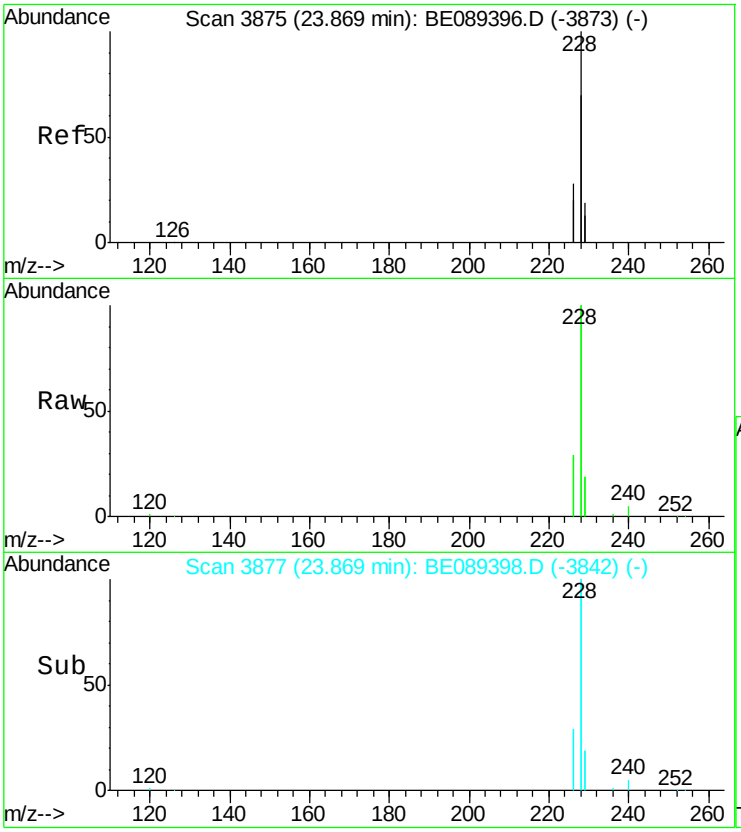


#24
3,3'-Dichlorobenzidine
Concen: 6.40 ng
RT: 23.81 min Scan# 3870
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion:252 Resp: 137172

Ion	Ratio	Lower	Upper
252	100		
254	60.7	50.2	75.4
126	13.0	9.8	14.6



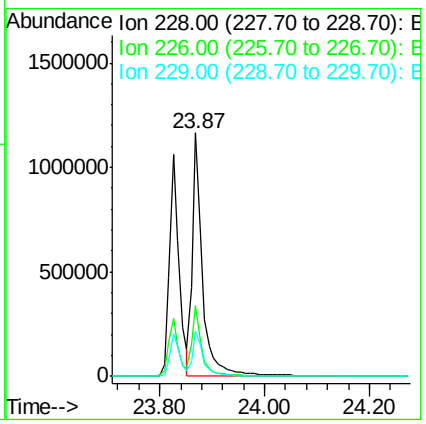


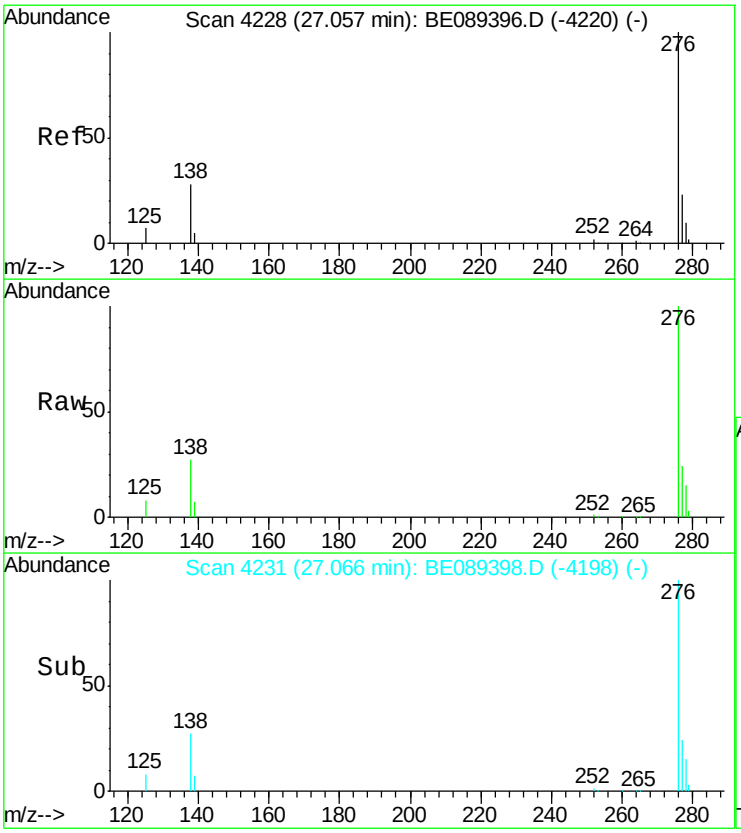
#25
Chrysene
Concen: 4.80 ng
RT: 23.87 min Scan# 3877
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:228 Resp: 1581239

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	18.7	15.2	22.8

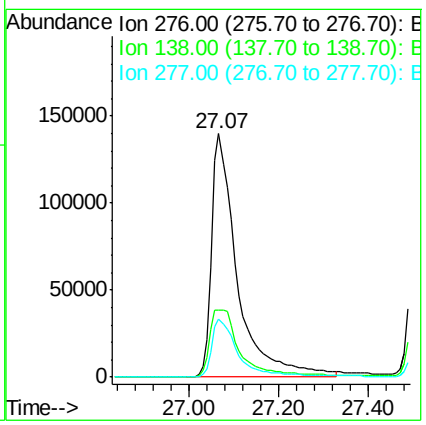


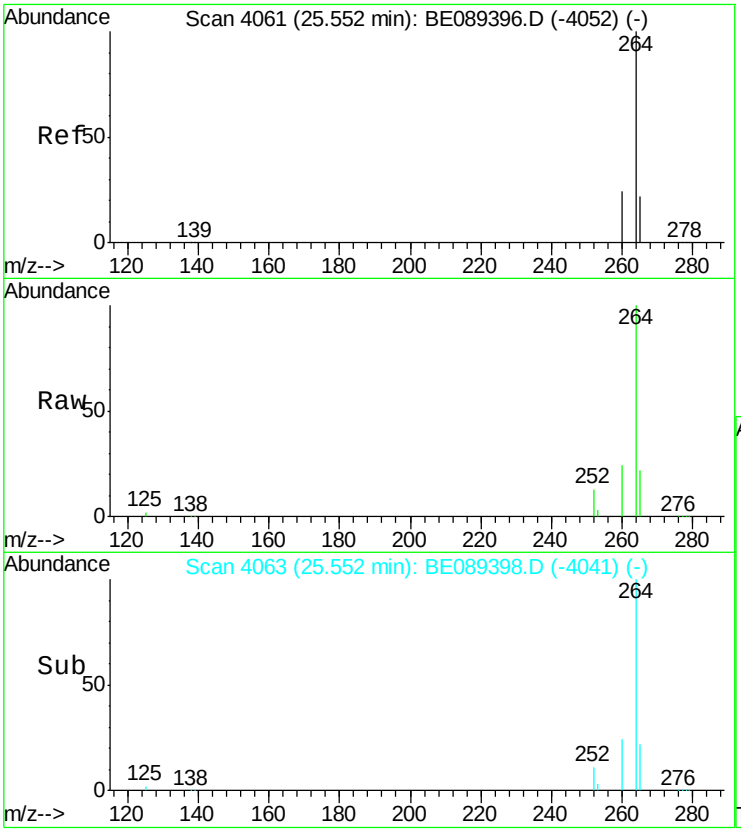


#26
Indeno(1,2,3-cd)pyrene
Concen: 7.26 ng
RT: 27.07 min Scan# 4231
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion:276 Resp: 557516

Ion	Ratio	Lower	Upper
276	100		
138	33.1	0.0	0.0#
277	24.6	0.0	0.0#



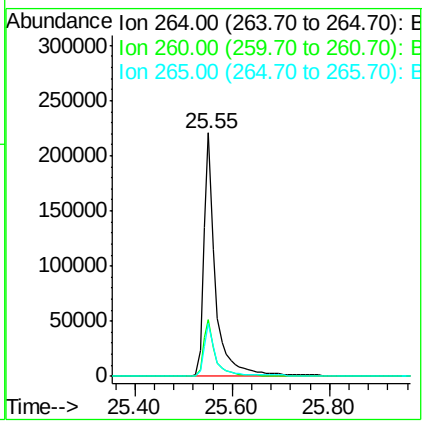


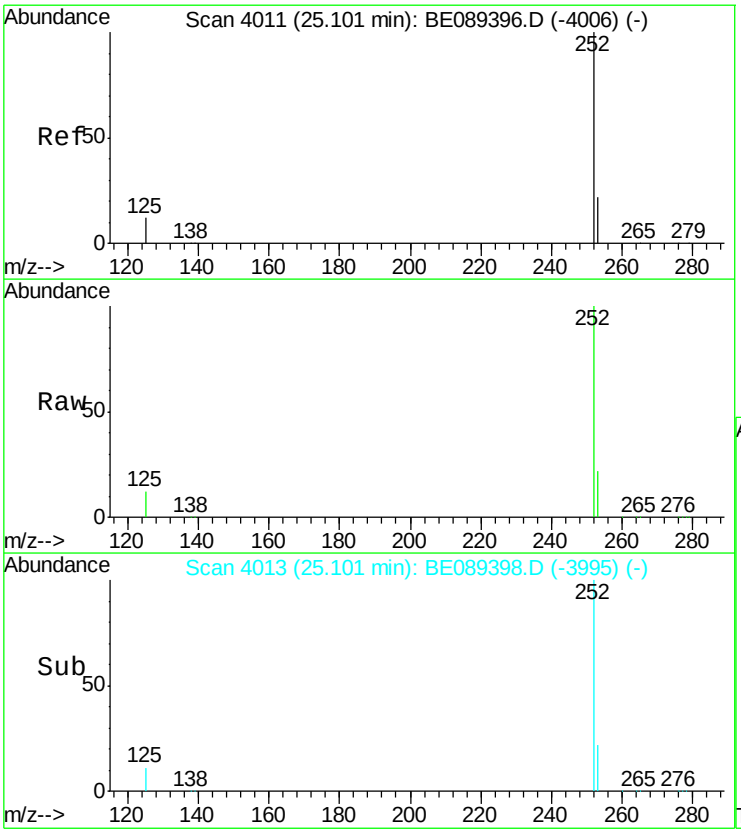
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.55 min Scan# 4063
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:264 Resp: 368965

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.8	17.5	26.3

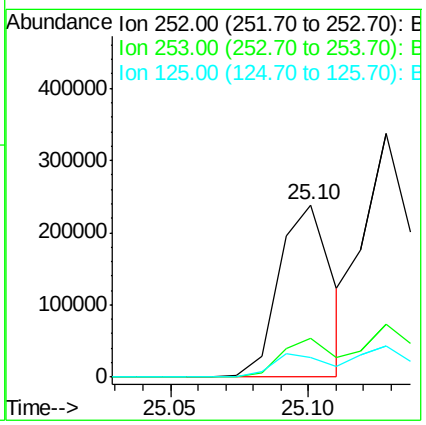


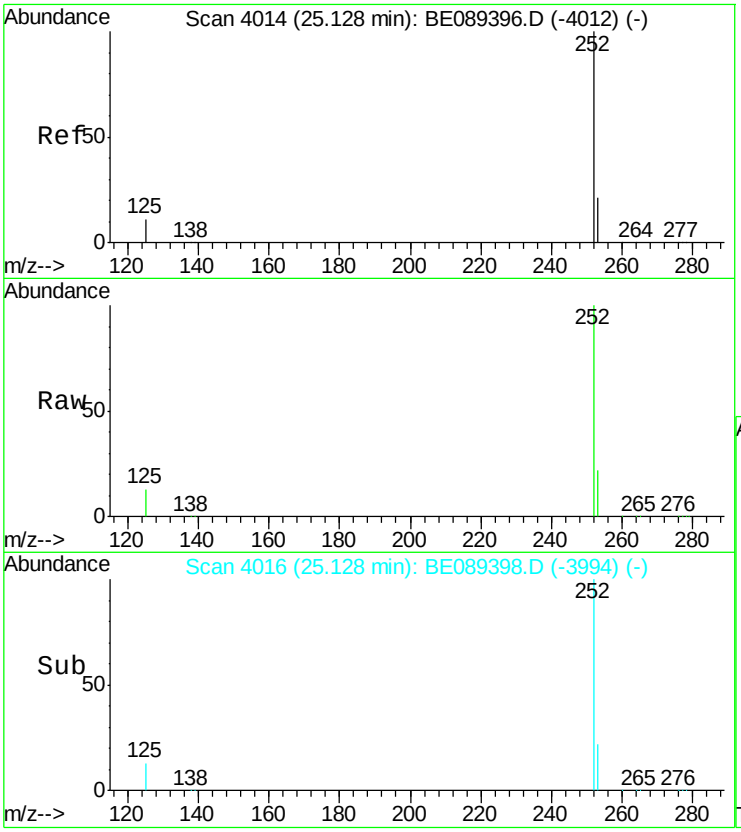


#28
Benzo(b)fluoranthene
Concen: 6.57 ng
RT: 25.10 min Scan# 4013
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion:252 Resp: 318479

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	11.5	9.8	14.6



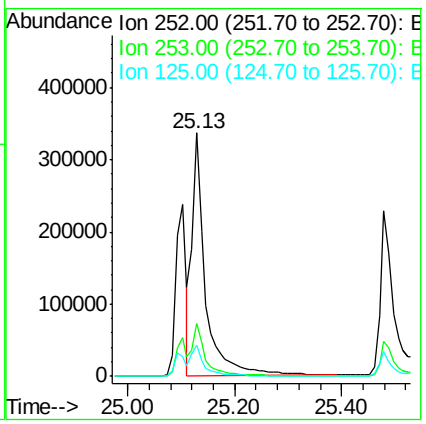


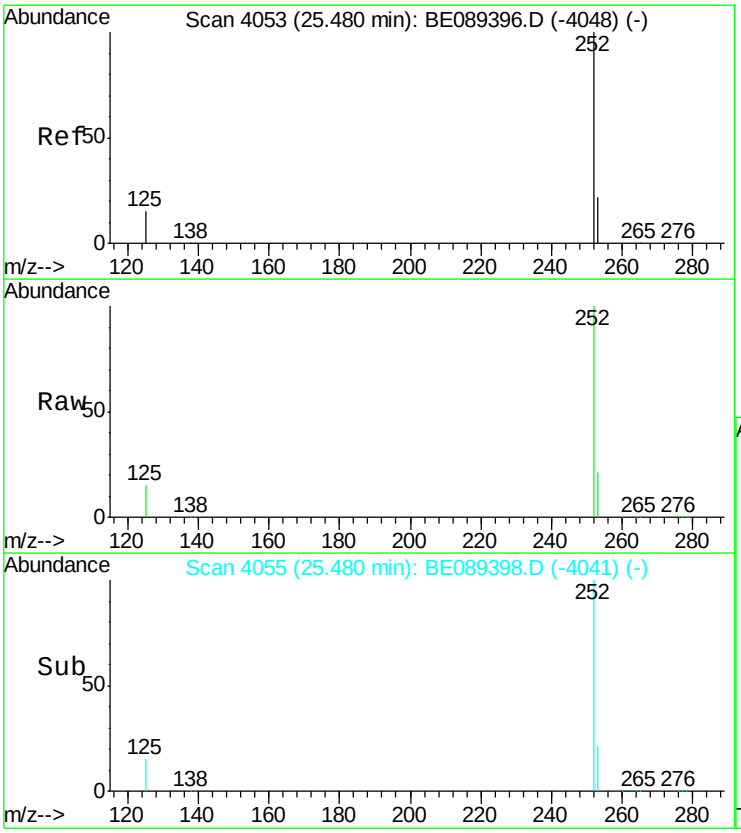
#29
Benzo(k)fluoranthene
Concen: 4.94 ng
RT: 25.13 min Scan# 4016
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:252 Resp: 580746

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	13.0	10.2	15.4

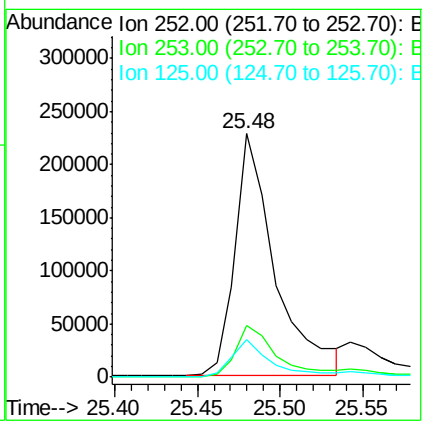


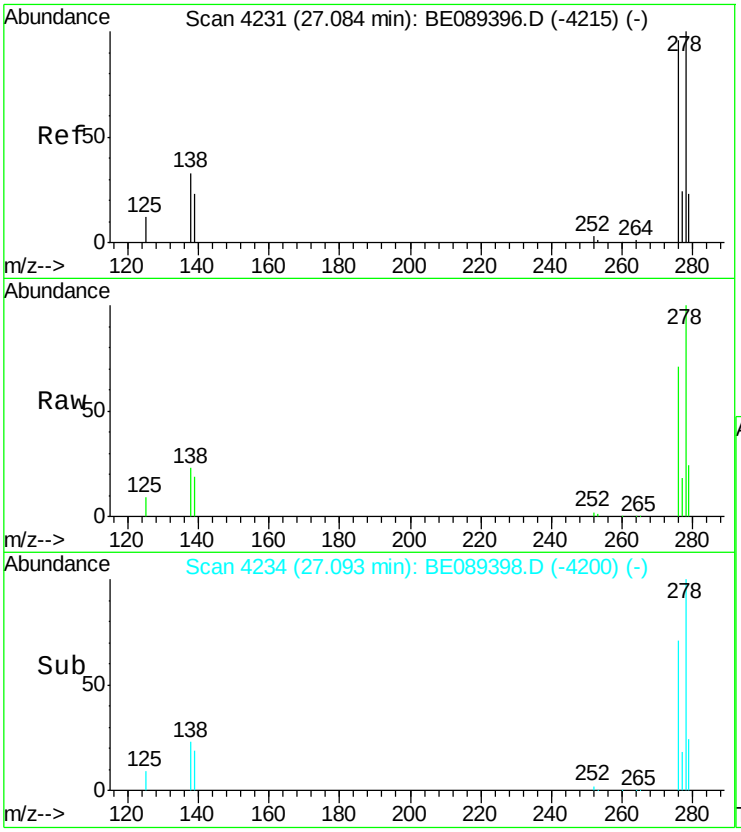


#30
Benzo(a)pyrene
Concen: 6.76 ng
RT: 25.48 min Scan# 4055
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Tgt Ion:252 Resp: 384889

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	15.3	12.2	18.4





#31
Dibenzo(a,h)anthracene
Concen: 6.96 ng
RT: 27.09 min Scan# 4234
Delta R.T. 0.01 min
Lab File: BE089398.D
Acq: 28 Jan 2015 21:10

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:278 Resp: 421559

Ion	Ratio	Lower	Upper
278	100		
139	19.5	18.5	27.7
279	23.6	18.6	28.0