Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
Data File : BE089415.D
Acq On : 29 Jan 2015 14:40
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC005

Quant Time: Jan 30 02:45:25 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 02:34:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	101241	5.00	ng		0.00
7) Naphthalene-d8	12.50	136	353948	5.00	ng		0.00
13) Acenaphthene-d10	16.68	164	124753	5.00	ng		0.00
17) Phenanthrene-d10	19.99	188	244053	5.00	ng		0.00
20) Chrysene-d12	23.84	240	398056	5.00	ng		0.00
27) Perylene-d12	25.55	264	451268	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.73	112	184444	5.68	ng		0.00
4) Phenol-d6	8.85	99	211290	5.32	ng		0.00
8) Nitrobenzene-d5	10.84	82	142737	5.60	ng		0.00
14) 2,4,6-Tribromophenol	18.58	330	18555	6.40	ng		0.00
15) 2-Fluorobiphenyl	15.13	172	171963	4.57	ng		0.00
22) Terphenyl-d14	22.48	244	219573	4.99	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.55	42	113321	6.57	ng	#	85
5) Phenol	8.87	94	231796	5.48	ng		99
6) bis(2-Chloroethyl)ether	9.06	93	170380	5.41	ng	#	100
9) Nitrobenzene	10.89	77	164018	5.70	ng		99
10) 2,4-Dimethylphenol	11.82	122	112545	5.19	ng		98
11) 2,4-Dichlorophenol	12.21	162	79093	4.79	ng		98
12) Hexachlorobutadiene	12.89	225	52059	4.46	ng		99
16) 2,4-Dinitrophenol	16.89	184	6788	8.03	ng		91
18) Hexachlorobenzene	19.23	284	56340	4.96	ng		94
19) Pentachlorophenol	19.65	266	17030	7.80	ng		98
21) Benzidine	22.14	184	161541	5.01	ng		99
23) Benzo(a)anthracene	23.83	228	1585696	4.39	ng		97
24) 3,3'-Dichlorobenzidine	23.81	252	155264	5.39	ng		98
25) Chrysene	23.87	228	1985069	4.45	ng		99
26) Indeno(1,2,3-cd)pyrene	27.07	276	569746	5.53	ng	#	100
28) Benzo(b)fluoranthene	25.10	252	311357	5.45	ng		99
29) Benzo(k)fluoranthene	25.13	252	693900	5.36	ng		99
30) Benzo(a)pyrene	25.48	252	403000	5.81	ng		99
31) Dibenzo(a,h)anthracene	27.09	278	439366	6.20	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
Data File : BE089415.D
Acq On : 29 Jan 2015 14:40
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Quant Time: Jan 30 02:45:25 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 02:34:28 2015
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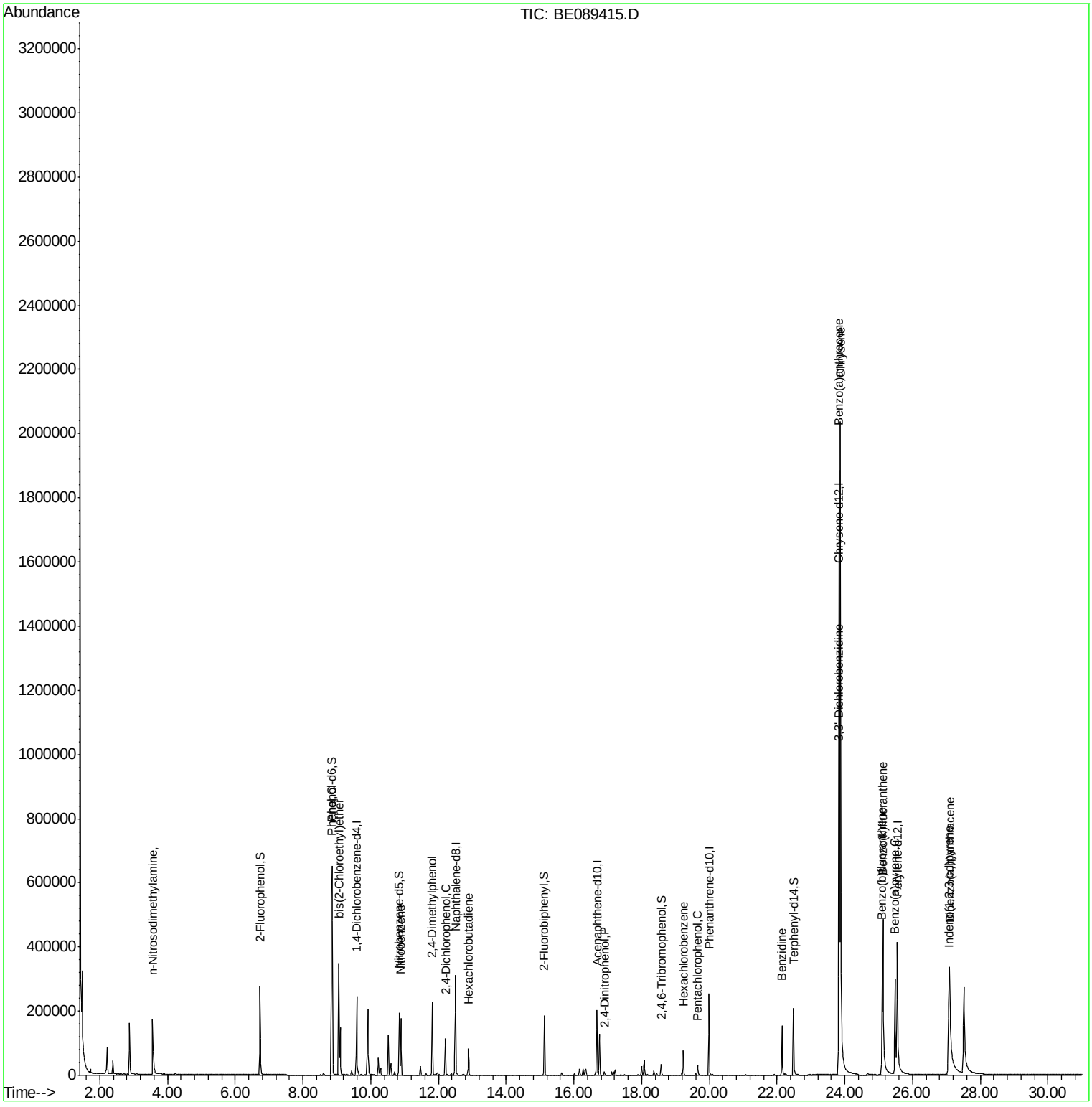
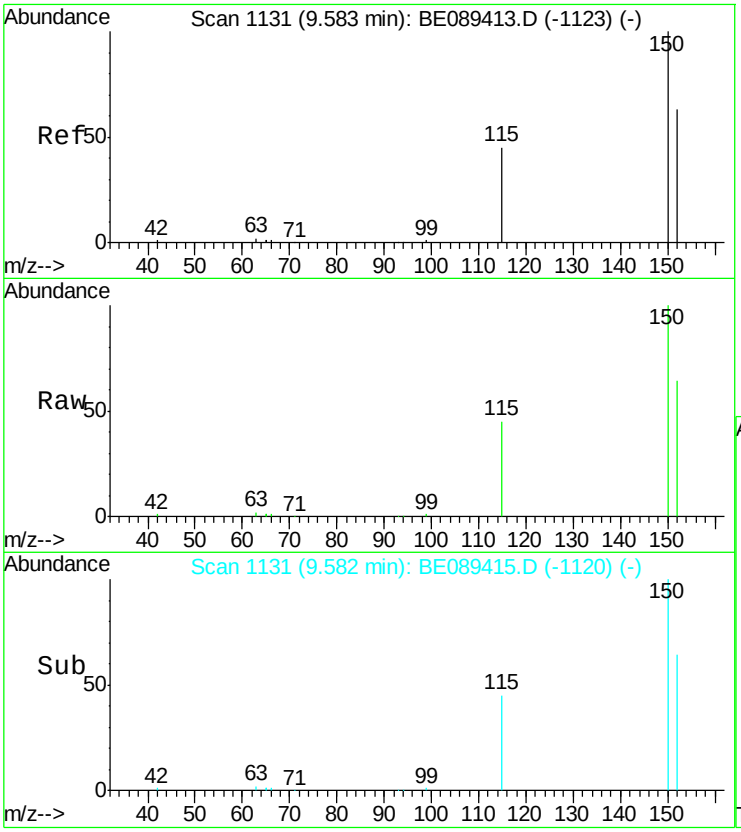


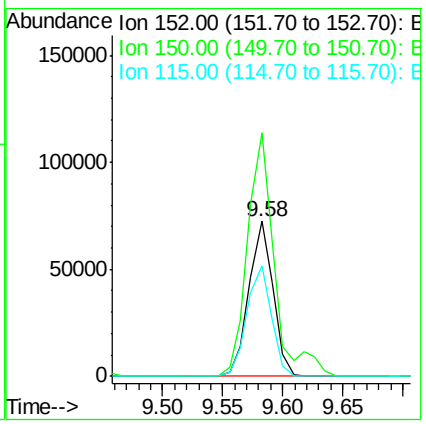


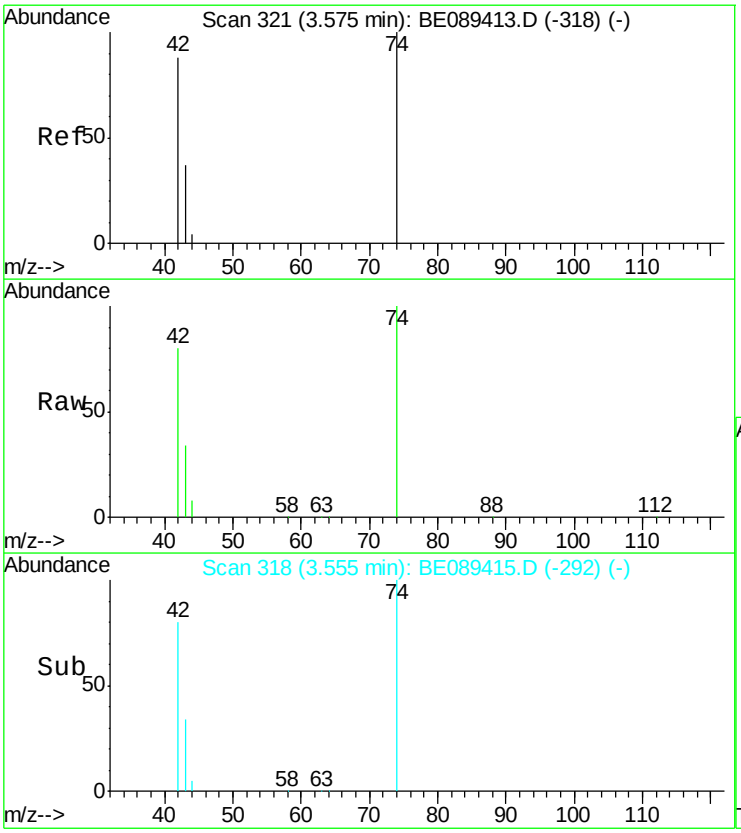
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:152 Resp: 101241

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.1	189.1
115	70.8	57.1	85.7

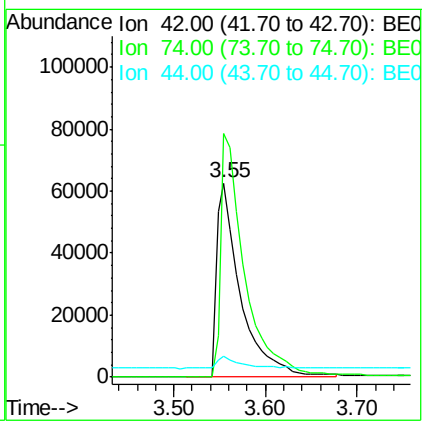


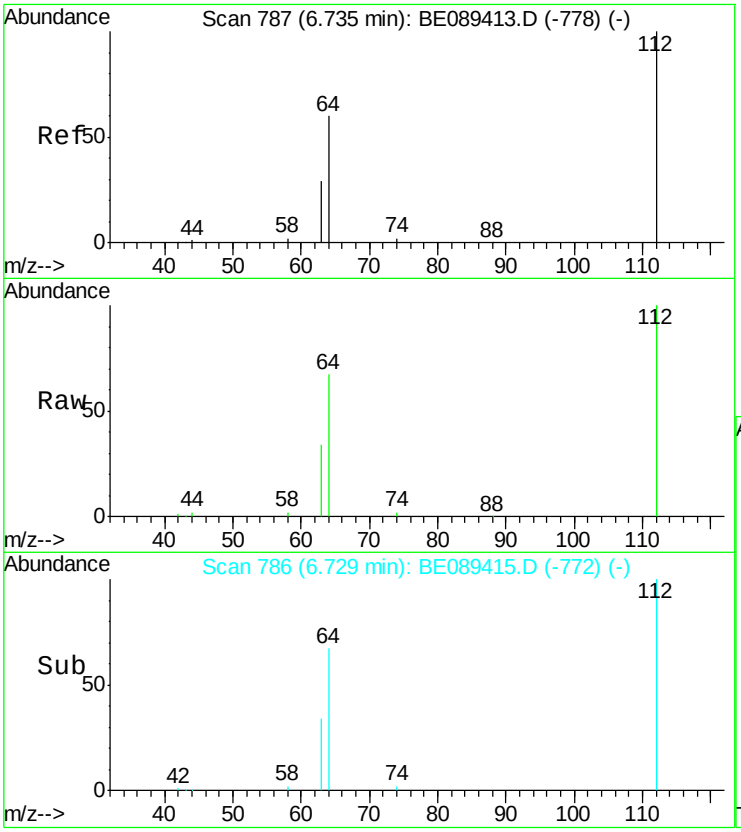


#2
n-Nitrosodimethylamine
Concen: 6.57 ng
RT: 3.55 min Scan# 318
Delta R.T. -0.02 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion: 42 Resp: 113321

Ion	Ratio	Lower	Upper
42	100		
74	125.5	90.2	135.2
44	10.6	19.4	29.2#



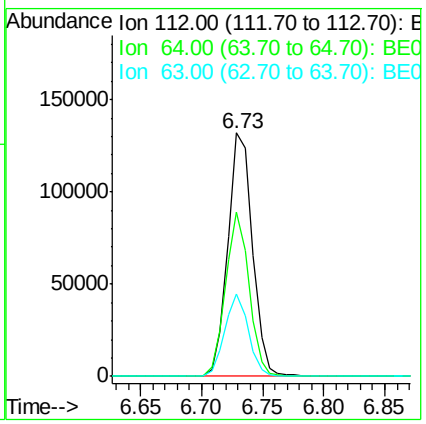


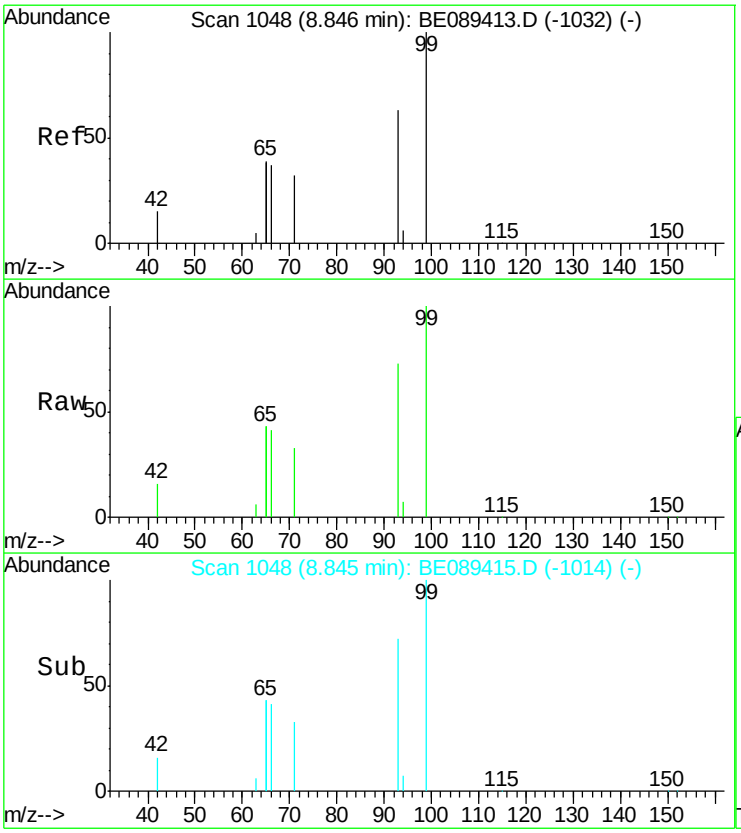
#3
2-Fluorophenol
Concen: 5.68 ng
RT: 6.73 min Scan# 786
Delta R.T. -0.01 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:112 Resp: 184444

Ion	Ratio	Lower	Upper
112	100		
64	67.4	48.2	72.4
63	33.8	23.5	35.3

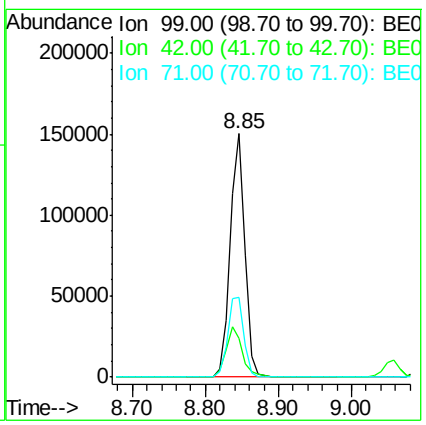


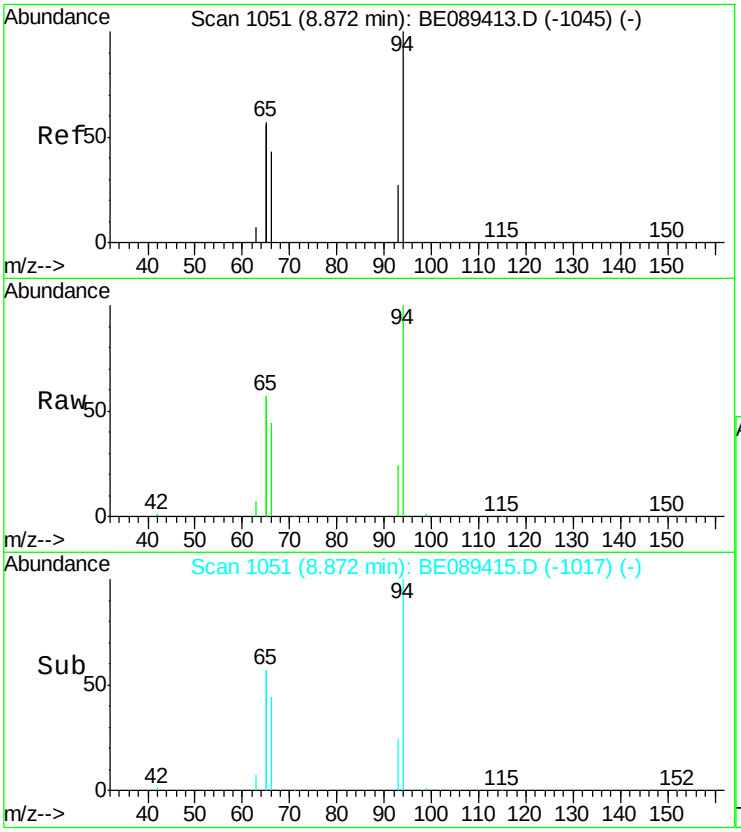


#4
Phenol-d6
Concen: 5.32 ng
RT: 8.85 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion: 99 Resp: 211290

Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.9	17.9
71	32.9	25.8	38.6



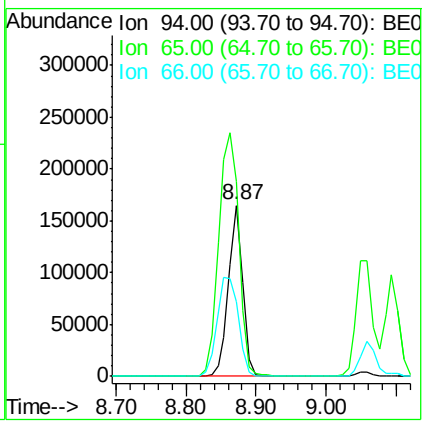


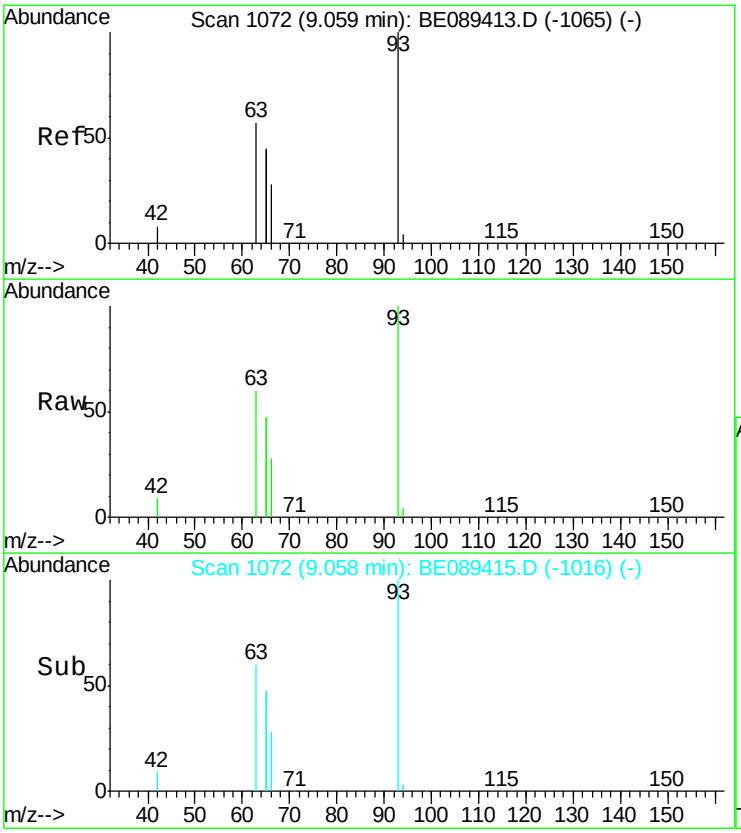
#5
Phenol
Concen: 5.48 ng
RT: 8.87 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion: 94 Resp: 231796

Ion	Ratio	Lower	Upper
94	100		
65	114.2	93.3	133.3
66	43.6	23.6	63.6

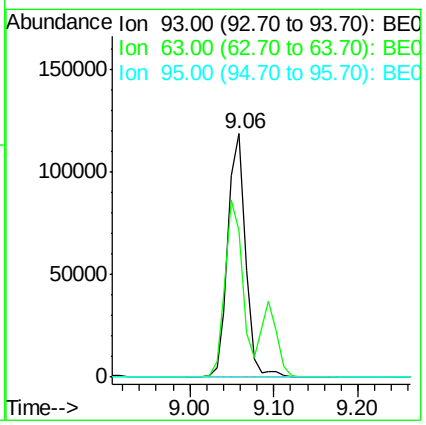


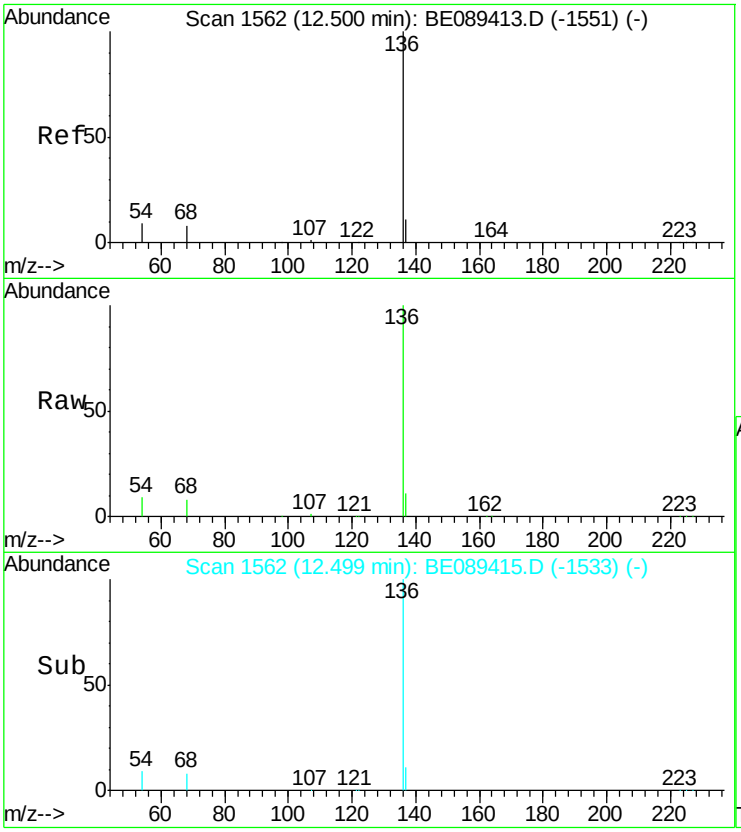


#6
bis(2-Chloroethyl)ether
Concen: 5.41 ng
RT: 9.06 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion: 93 Resp: 170380

Ion	Ratio	Lower	Upper
93	100		
63	73.6	58.6	88.0
95	0.0	0.0	0.0



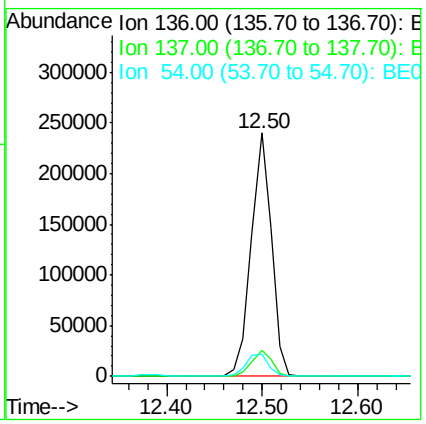


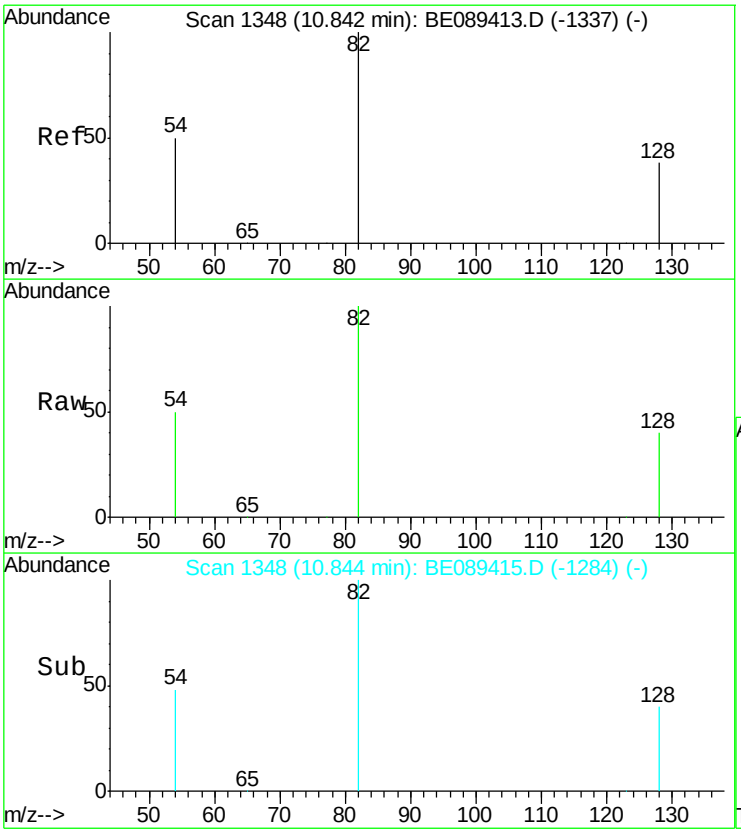
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.50 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:136 Resp: 353948

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.3	7.5	11.3

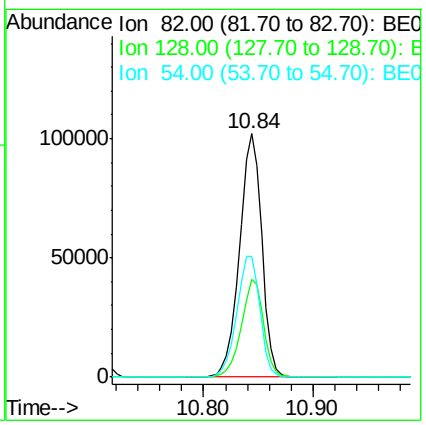


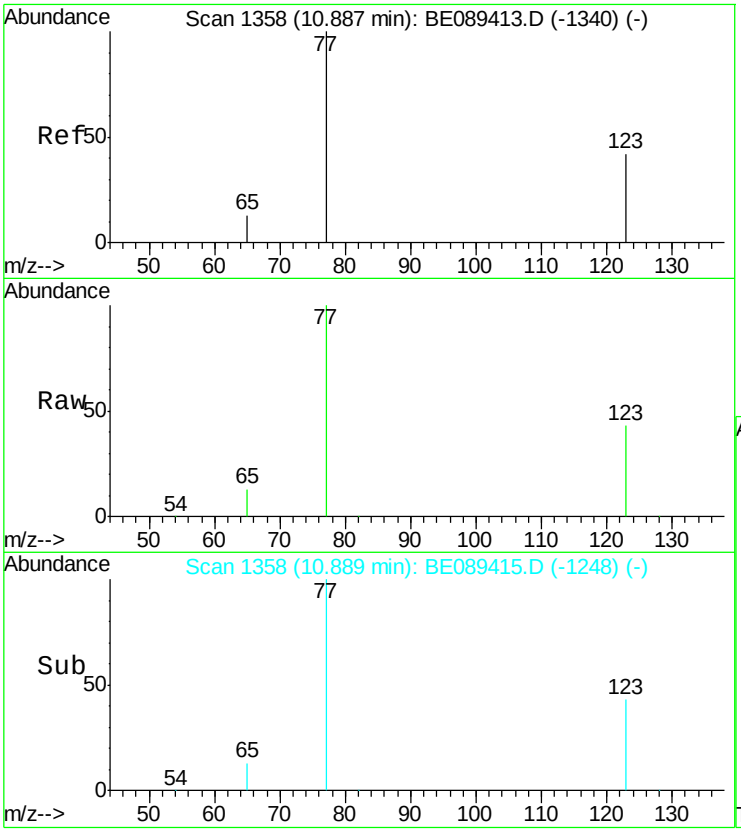


#8
Nitrobenzene-d5
Concen: 5.60 ng
RT: 10.84 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion: 82 Resp: 142737

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.0	46.4
54	49.8	39.8	59.6



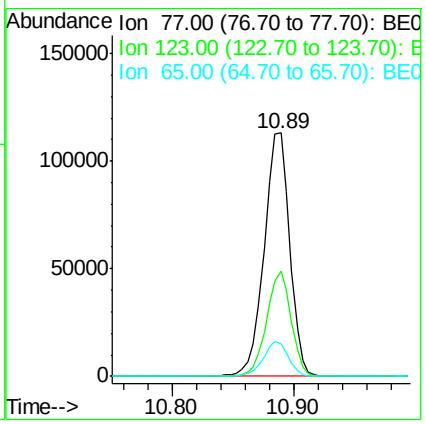


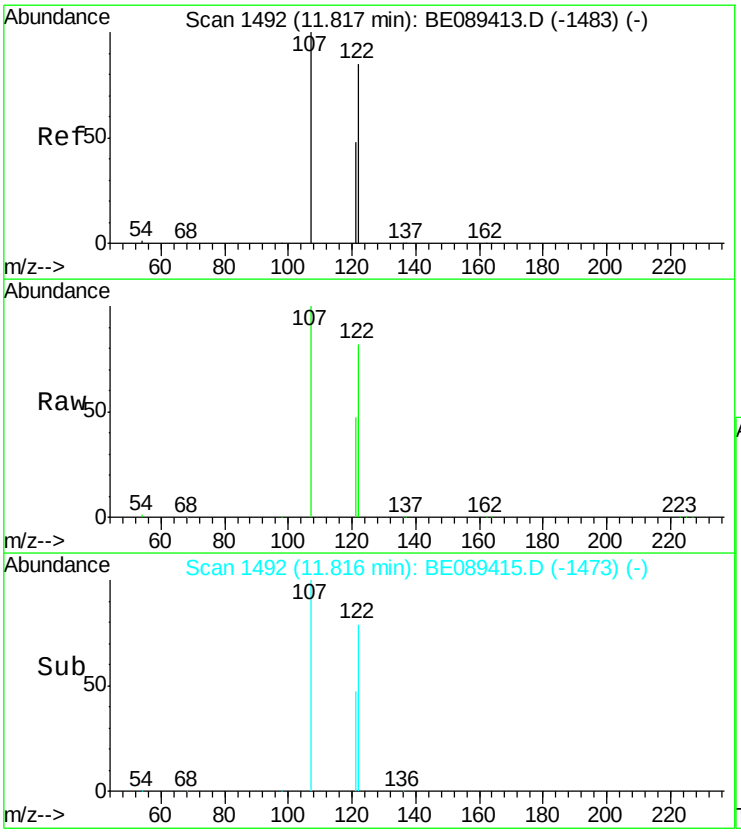
#9
Nitrobenzene
Concen: 5.70 ng
RT: 10.89 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 164018

Ion	Ratio	Lower	Upper
77	100		
123	41.4	32.8	49.2
65	14.0	11.0	16.6

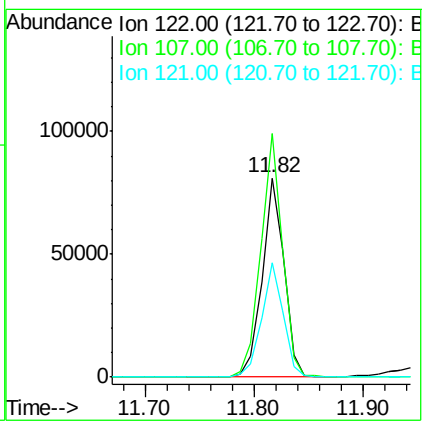


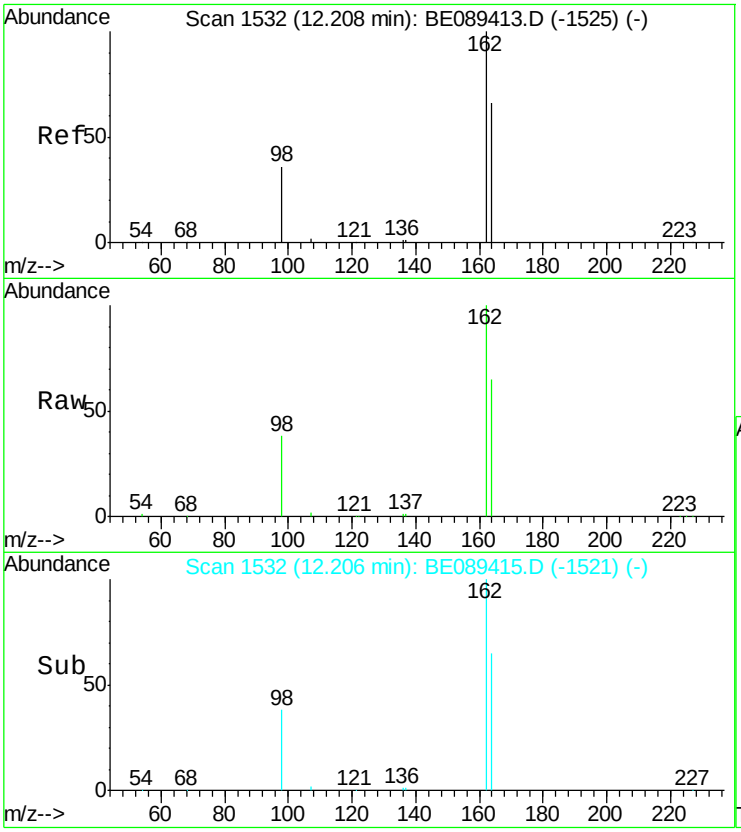


#10
2,4-Dimethylphenol
Concen: 5.19 ng
RT: 11.82 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion:122 Resp: 112545

Ion	Ratio	Lower	Upper
122	100		
107	122.3	94.6	142.0
121	57.2	45.8	68.6



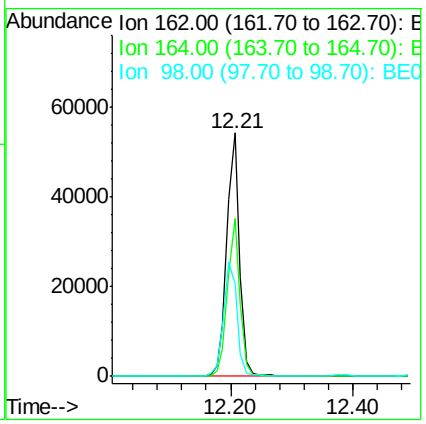


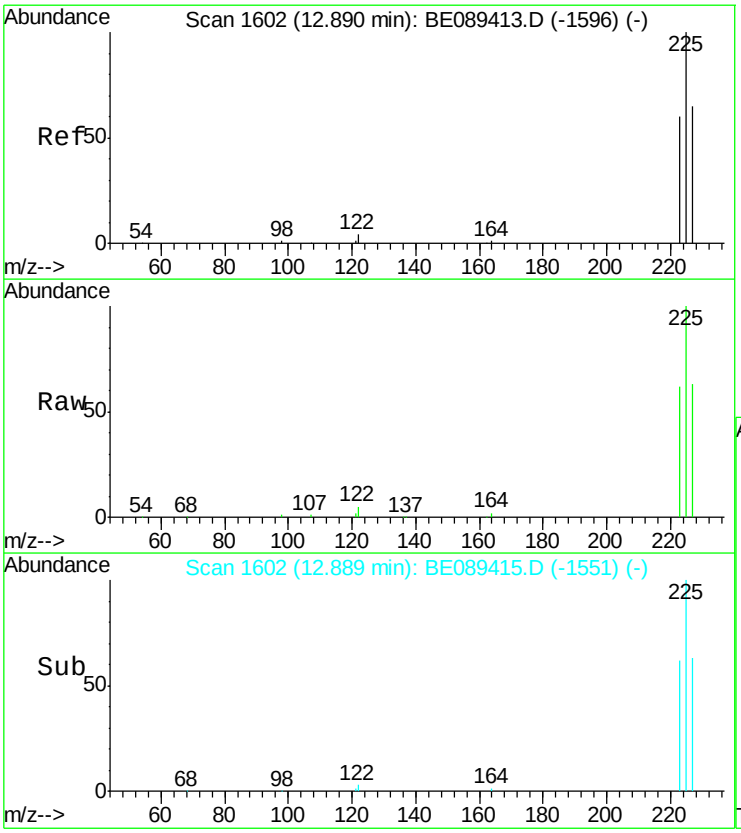
#11
2,4-Dichlorophenol
Concen: 4.79 ng
RT: 12.21 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:162 Resp: 79093

Ion	Ratio	Lower	Upper
162	100		
164	65.1	46.1	86.1
98	38.1	16.2	56.2

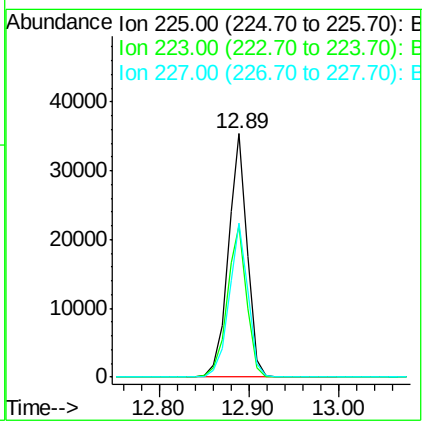


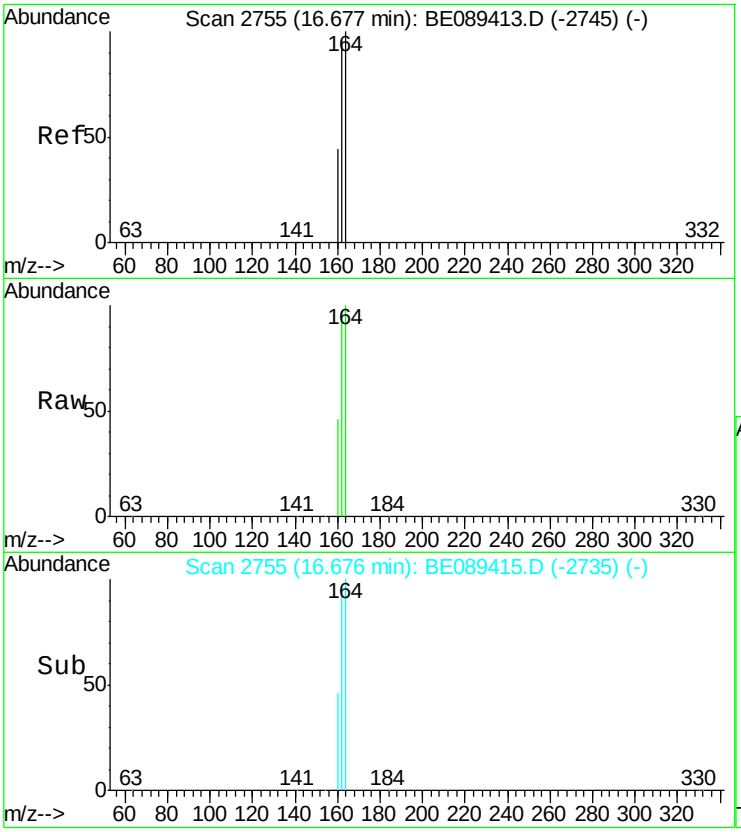


#12
Hexachlorobutadiene
Concen: 4.46 ng
RT: 12.89 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion:225 Resp: 52059

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.4	75.6
227	62.9	50.2	75.2



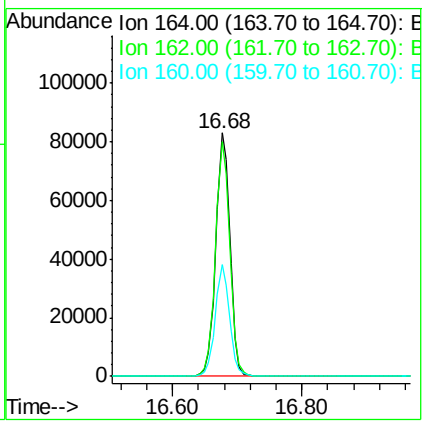


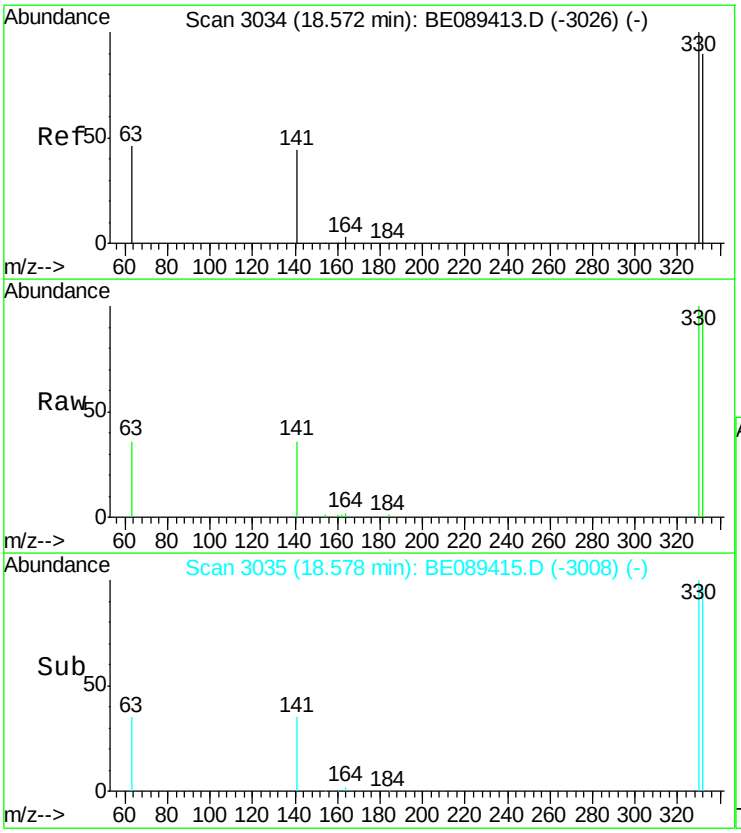
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:164 Resp: 124753

Ion	Ratio	Lower	Upper
164	100		
162	96.6	77.0	115.6
160	46.0	35.0	52.4

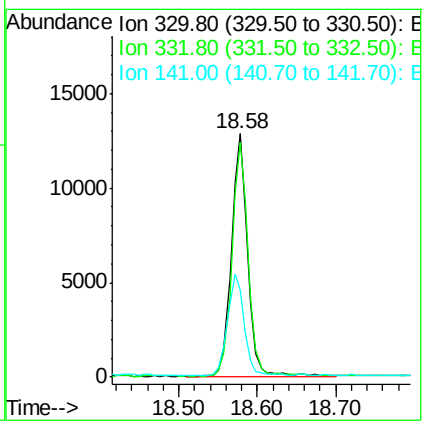


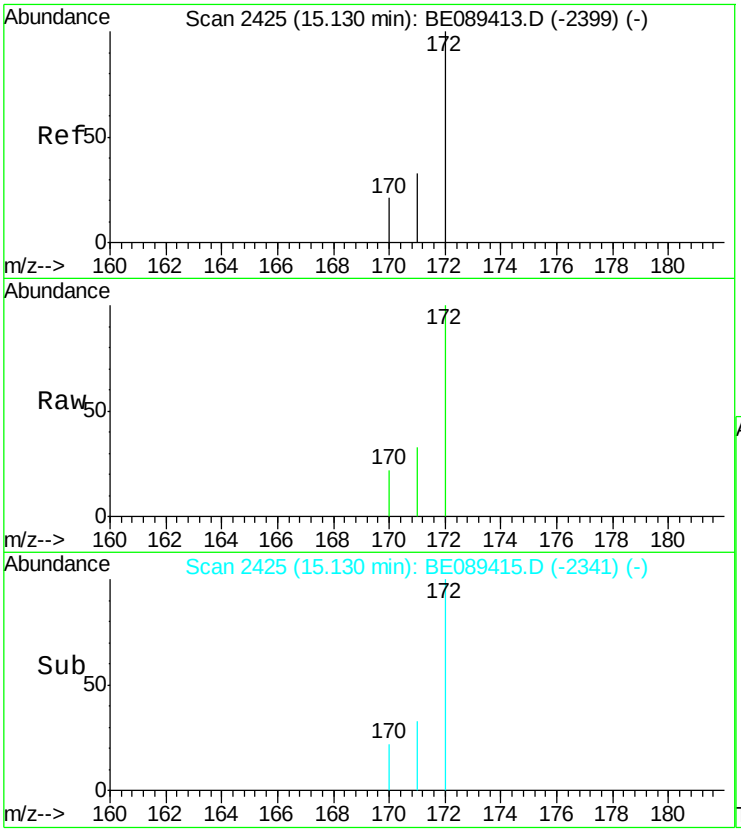


#14
2,4,6-Tribromophenol
Concen: 6.40 ng
RT: 18.58 min Scan# 3035
Delta R.T. 0.01 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion:330 Resp: 18555

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	42.8	35.6	53.4



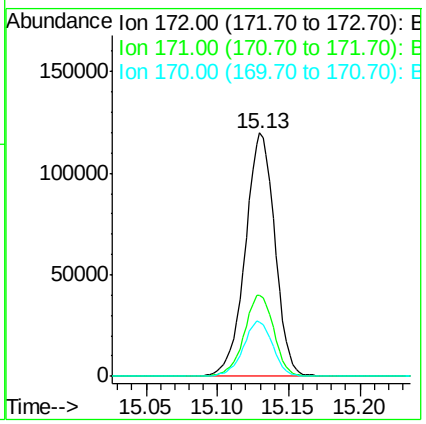


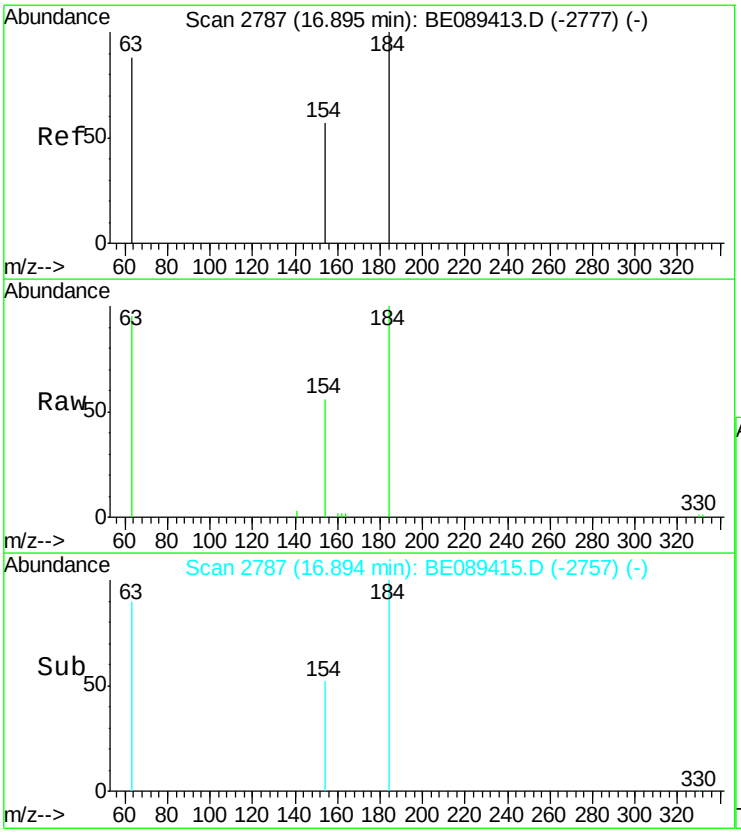
#15
2-Fluorobiphenyl
Concen: 4.57 ng
RT: 15.13 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:172 Resp: 171963

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.6	39.8
170	22.4	17.1	25.7

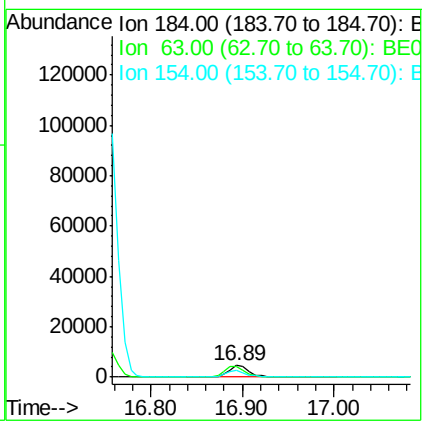


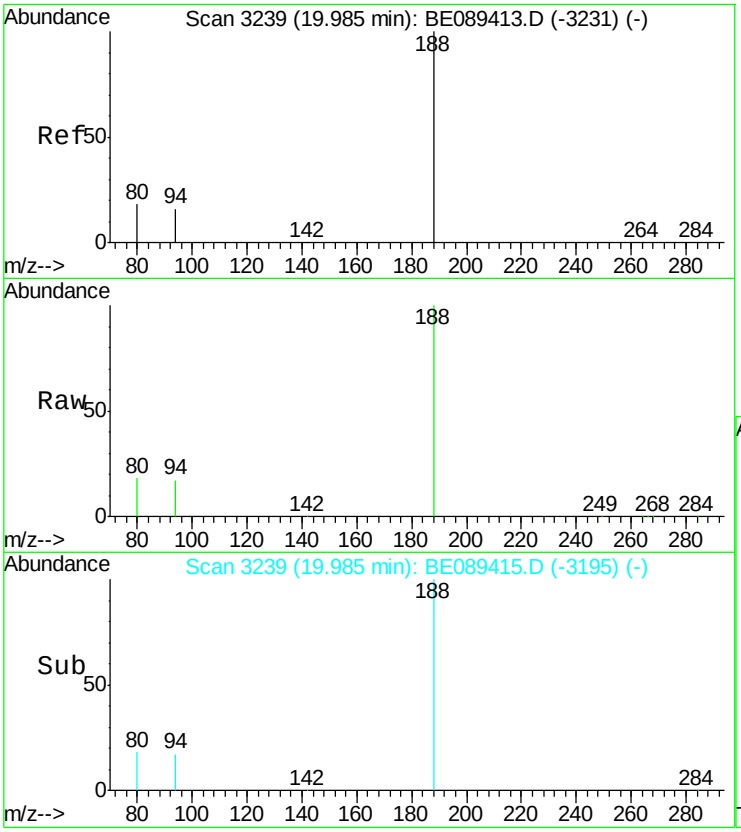


#16
2,4-Dinitrophenol
Concen: 8.03 ng
RT: 16.89 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion:184 Resp: 6788

Ion	Ratio	Lower	Upper
184	100		
63	94.8	79.0	118.4
154	56.0	55.8	83.6



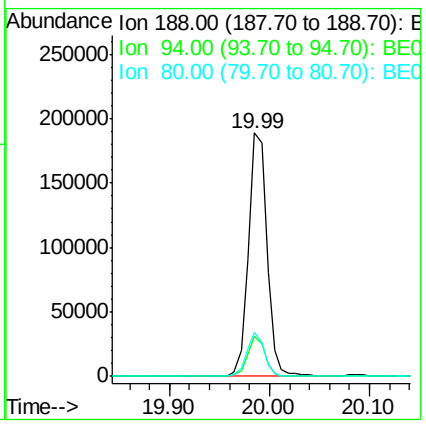


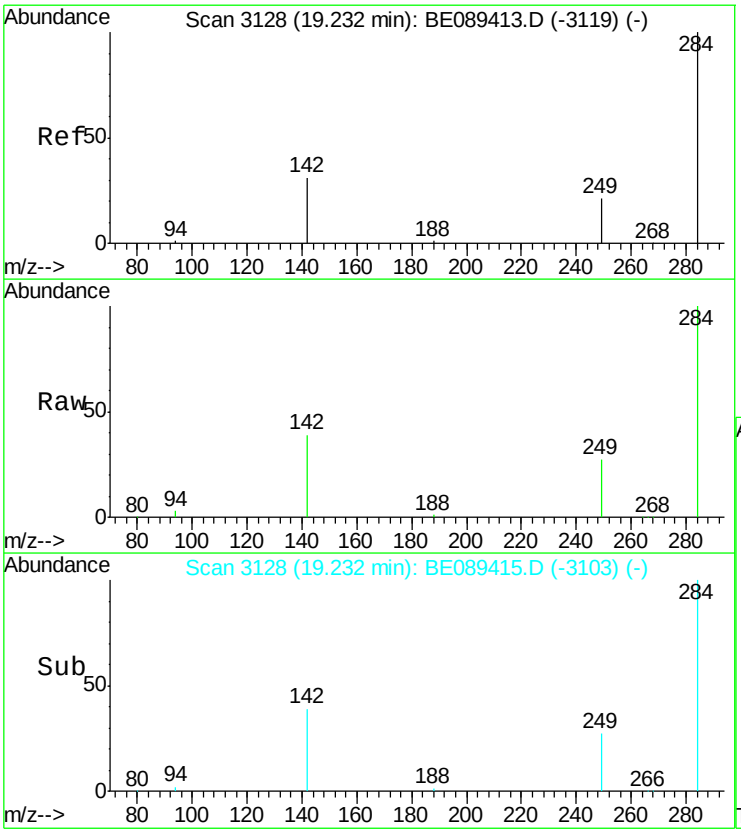
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:188 Resp: 244053

Ion	Ratio	Lower	Upper
188	100		
94	16.6	13.0	19.6
80	18.0	14.2	21.4

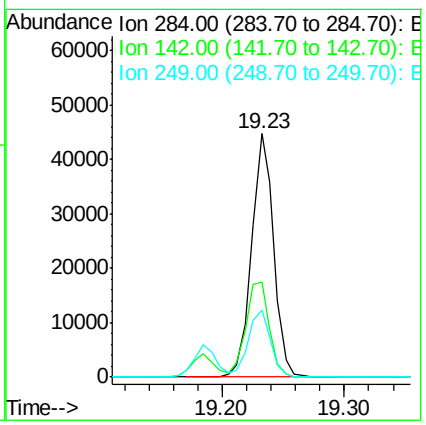


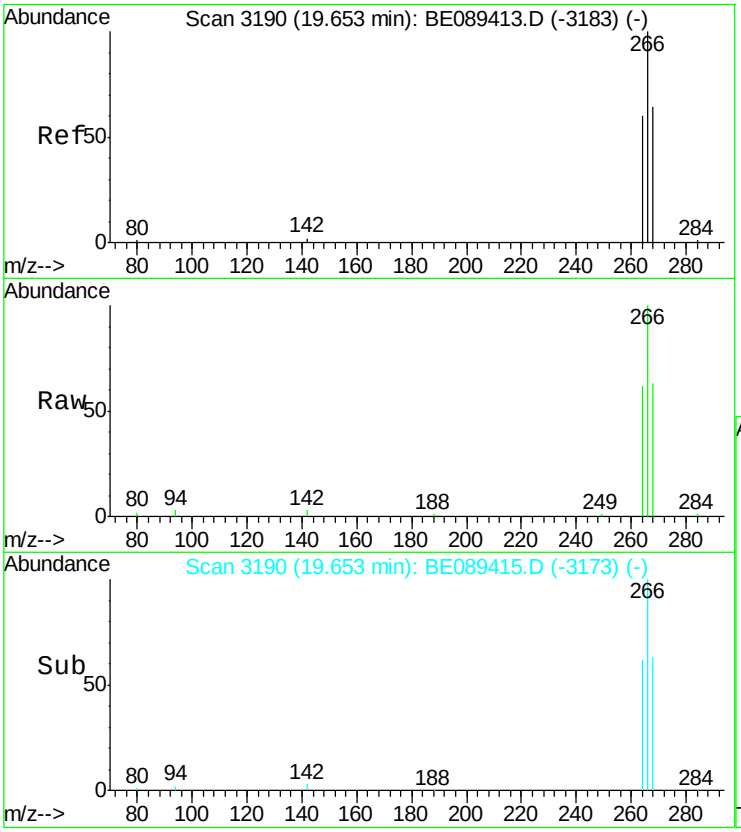


#18
Hexachlorobenzene
Concen: 4.96 ng
RT: 19.23 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion:284 Resp: 56340

Ion	Ratio	Lower	Upper
284	100		
142	39.2	28.3	42.5
249	27.3	19.9	29.9



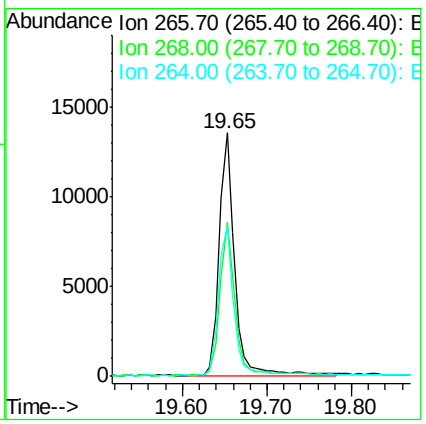


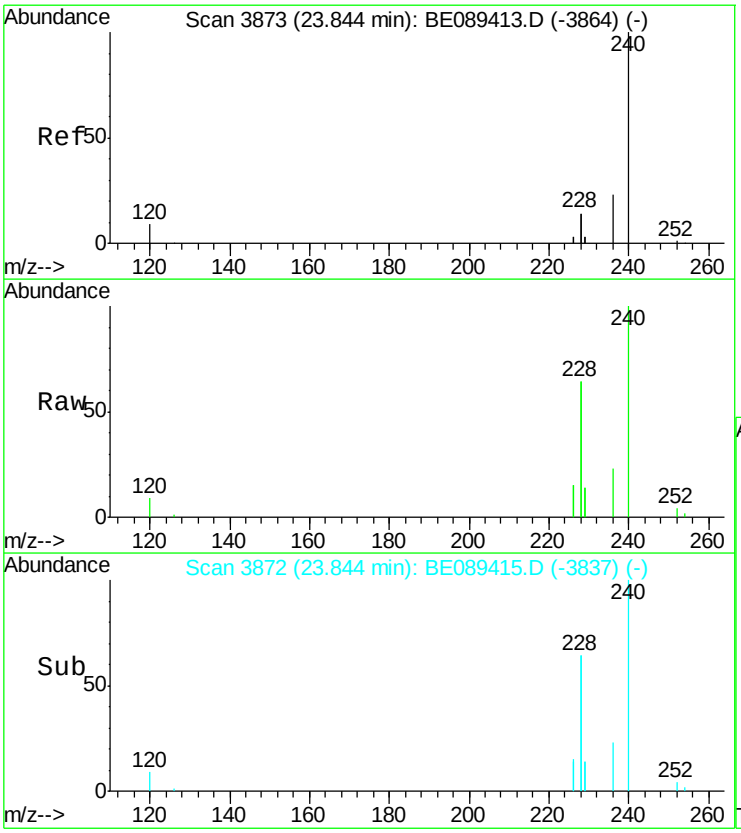
#19
Pentachlorophenol
Concen: 7.80 ng
RT: 19.65 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:266 Resp: 17030

Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.9	77.9
264	61.8	48.5	72.7

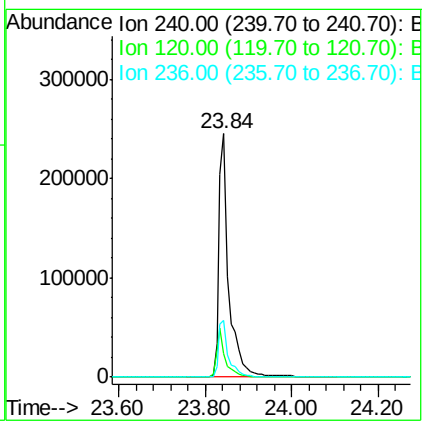


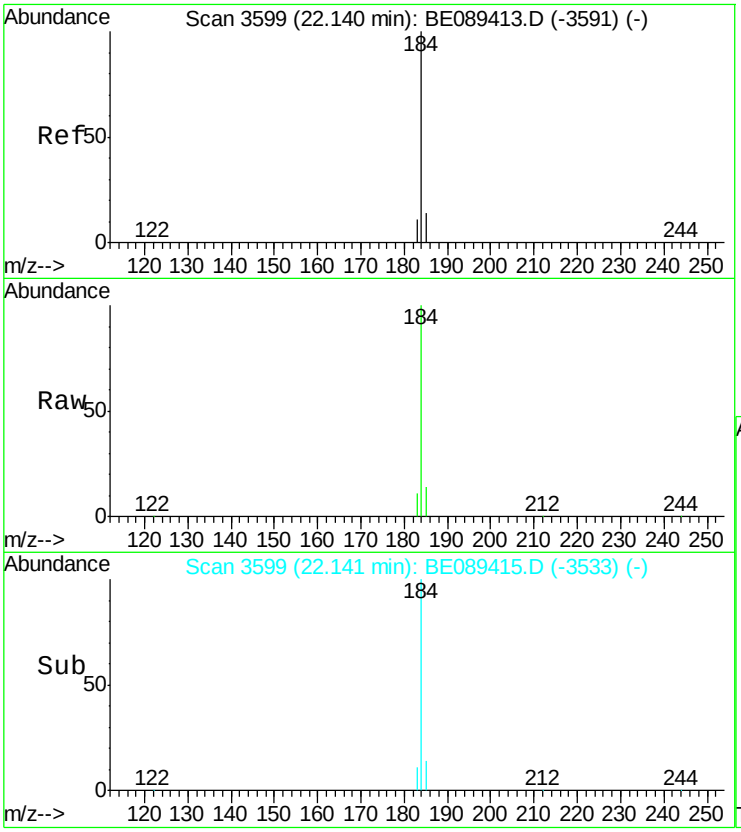


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion:240 Resp: 398056

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.9	10.3
236	23.2	18.2	27.2



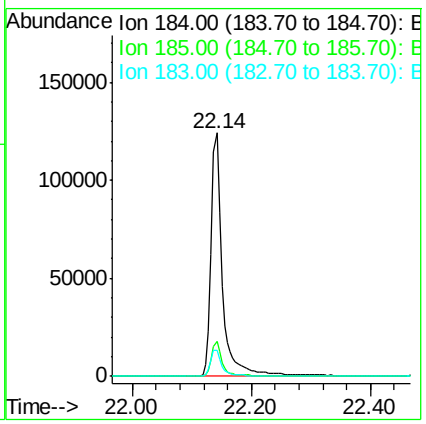


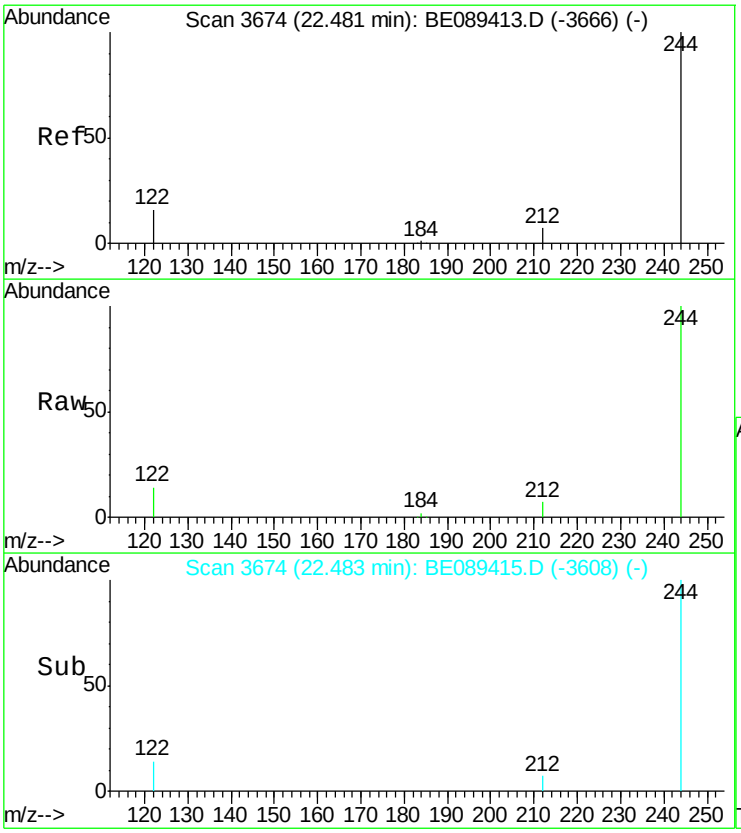
#21
Benzidine
Concen: 5.01 ng
RT: 22.14 min Scan# 3599
Delta R.T. 0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:184 Resp: 161541

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.0	16.6
183	10.8	8.6	13.0

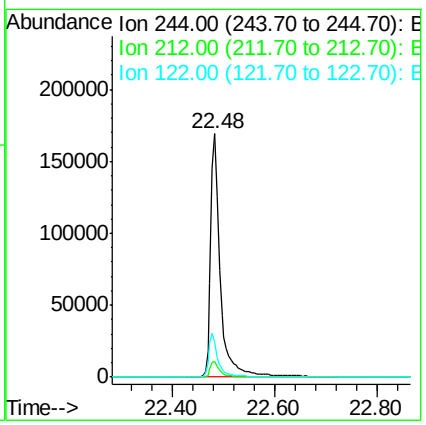


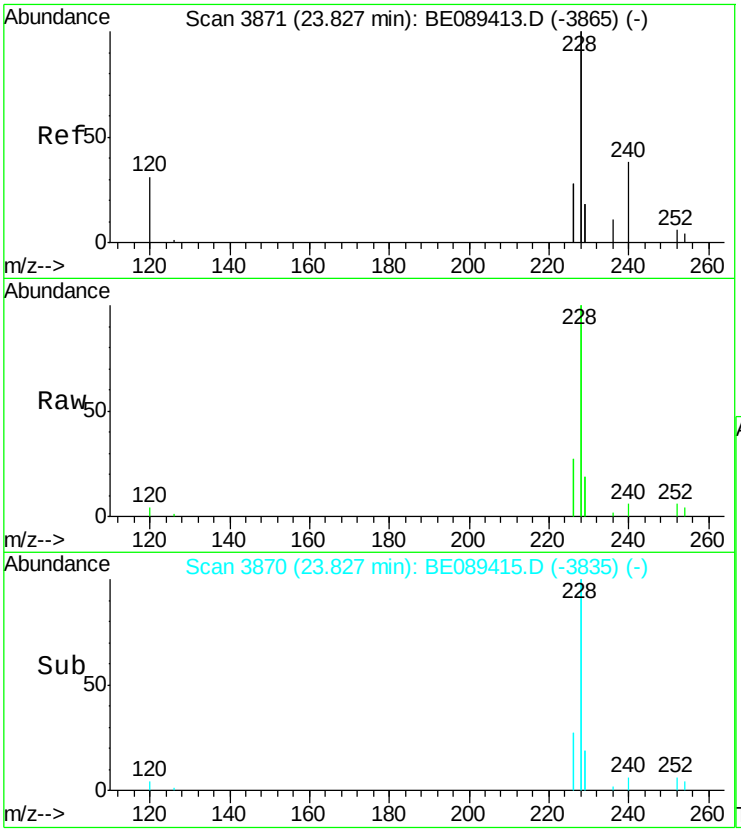


#22
Terphenyl-d14
Concen: 4.99 ng
RT: 22.48 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion:244 Resp: 219573

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.3	13.2	19.8



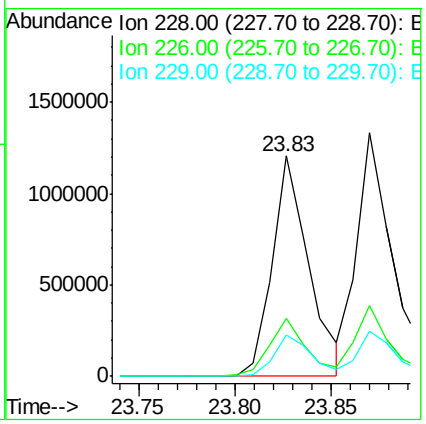


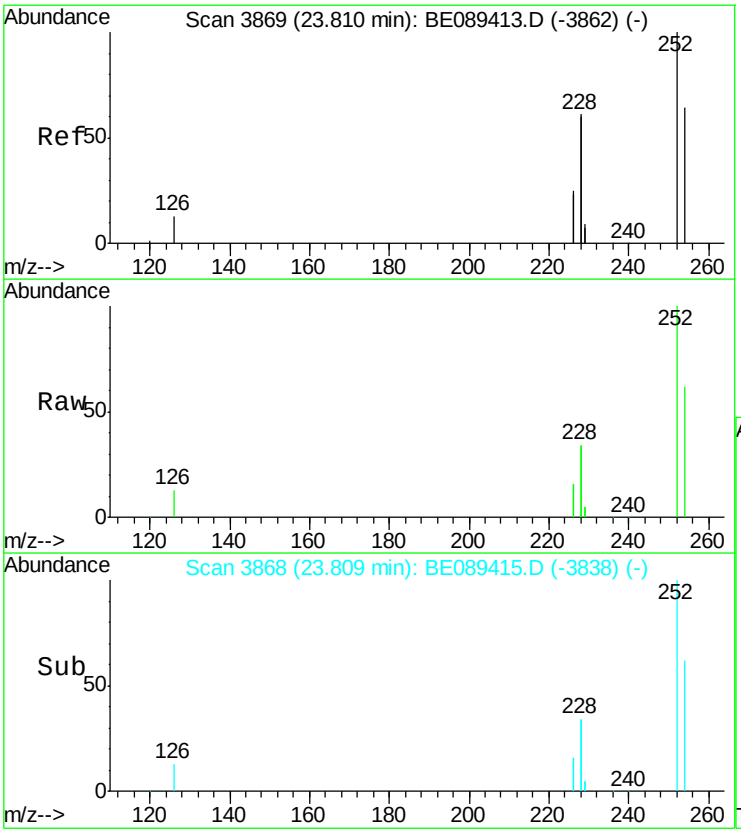
#23
Benzo(a)anthracene
Concen: 4.39 ng
RT: 23.83 min Scan# 3870
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:228 Resp: 1585696

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	18.9	14.5	21.7

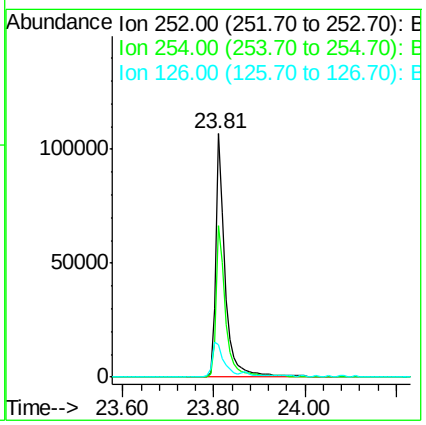


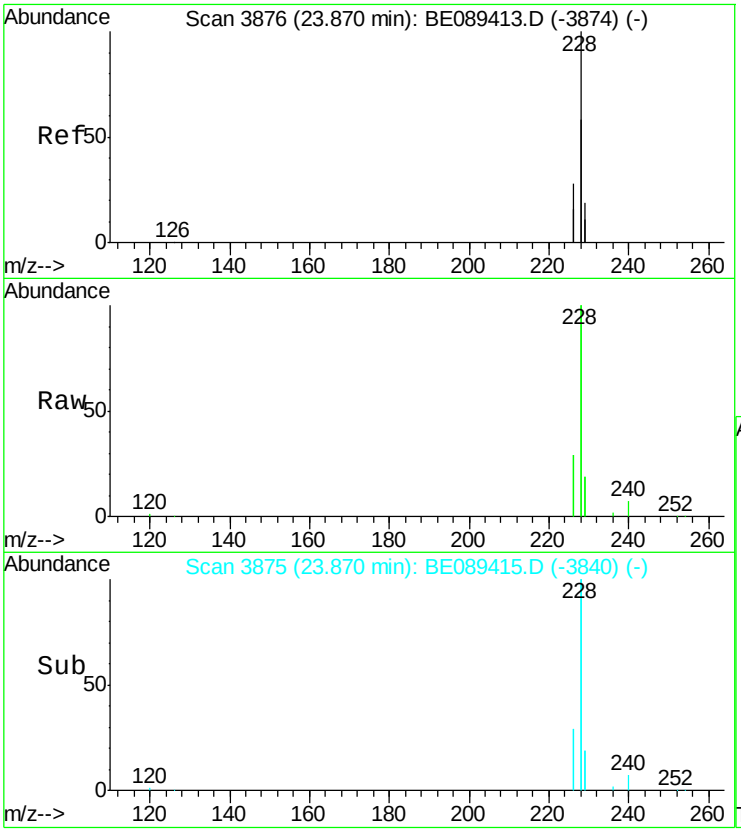


#24
3,3'-Dichlorobenzidine
Concen: 5.39 ng
RT: 23.81 min Scan# 3868
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion:252 Resp: 155264

Ion	Ratio	Lower	Upper
252	100		
254	62.2	51.1	76.7
126	13.5	11.5	17.3



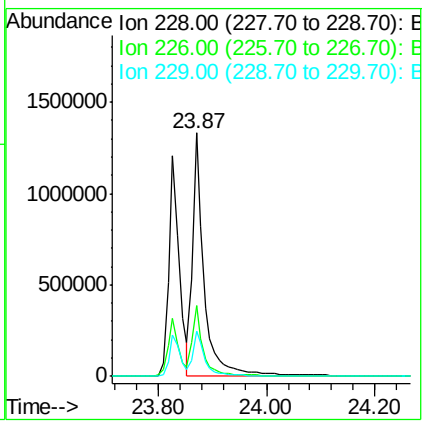


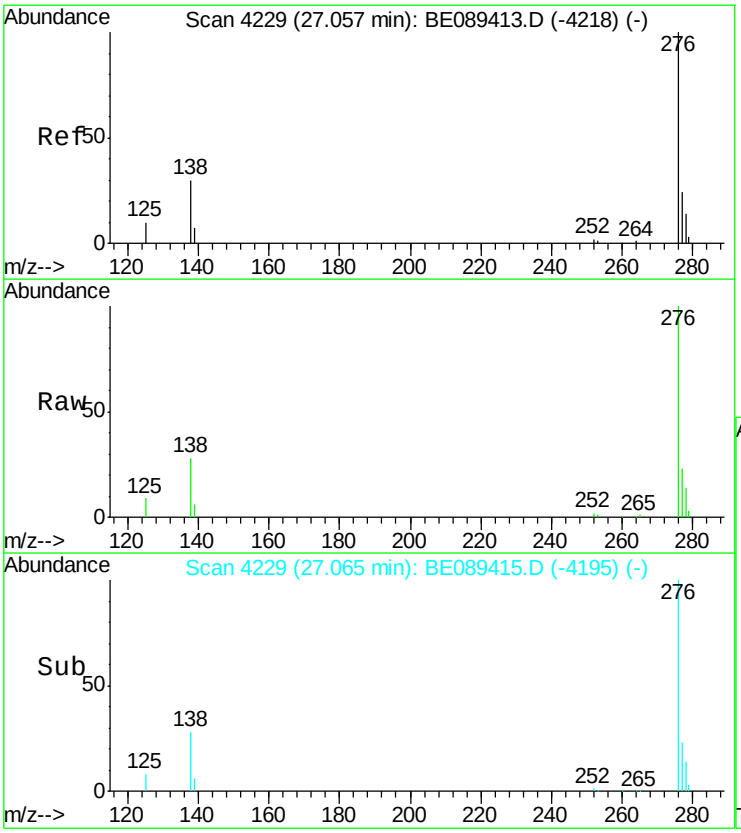
#25
Chrysene
Concen: 4.45 ng
RT: 23.87 min Scan# 3875
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:228 Resp: 1985069

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	18.7	15.5	23.3

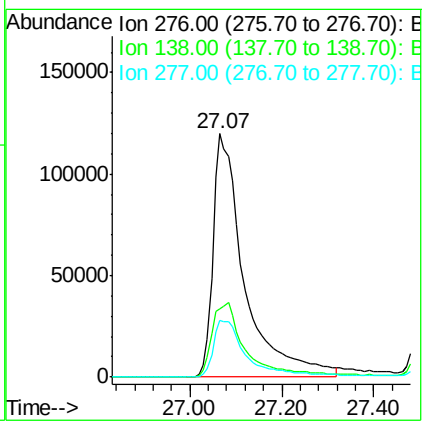


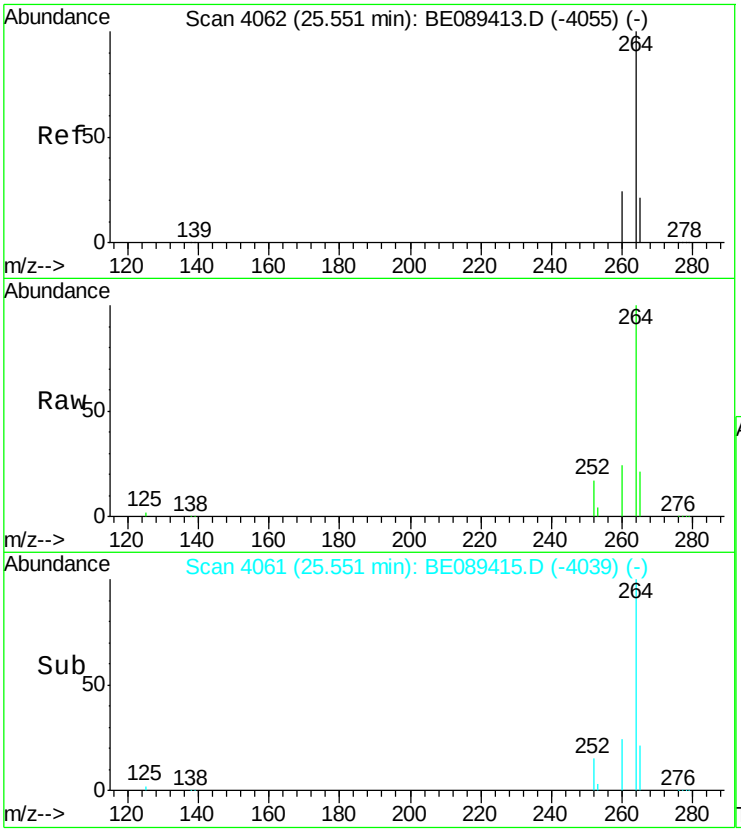


#26
Indeno(1,2,3-cd)pyrene
Concen: 5.53 ng
RT: 27.07 min Scan# 4229
Delta R.T. 0.01 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion:276 Resp: 569746

Ion	Ratio	Lower	Upper
276	100		
138	32.5	0.0	0.0#
277	24.6	0.0	0.0#



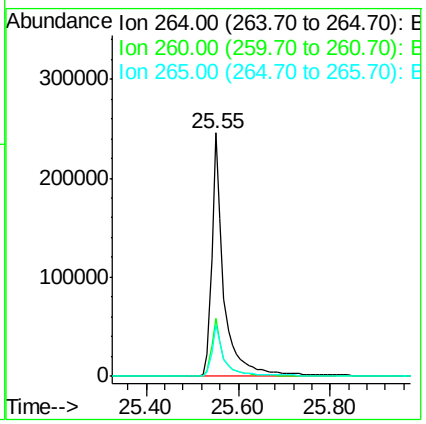


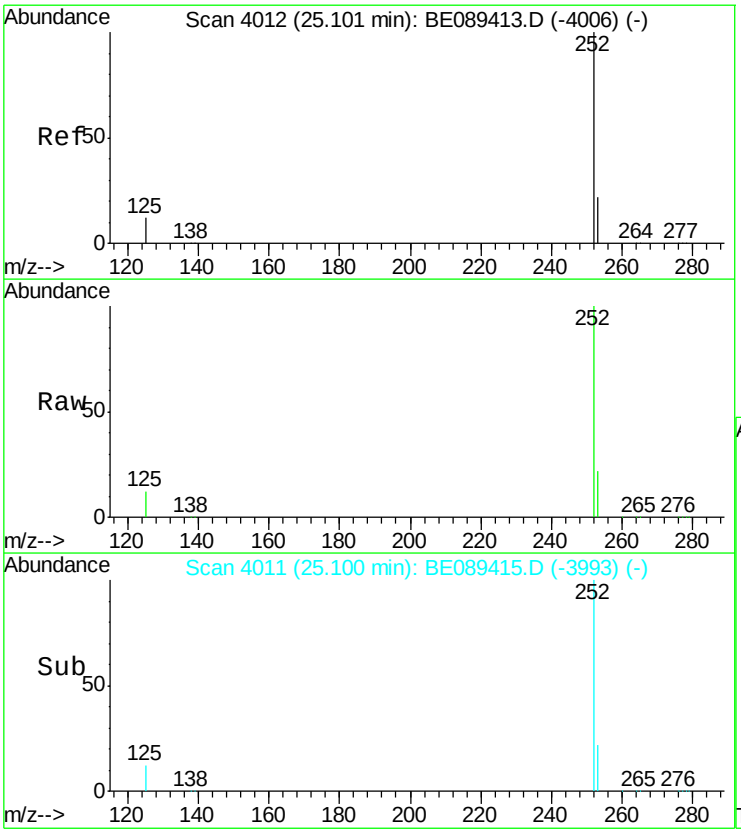
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.55 min Scan# 4061
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:264 Resp: 451268

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.2	17.1	25.7

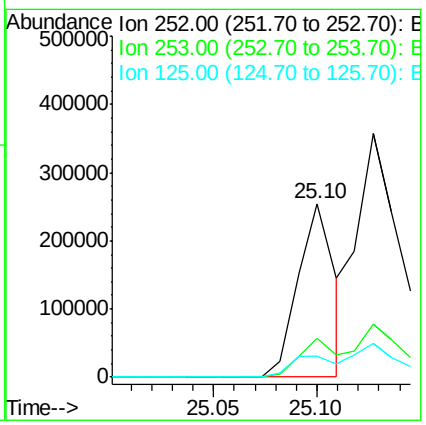


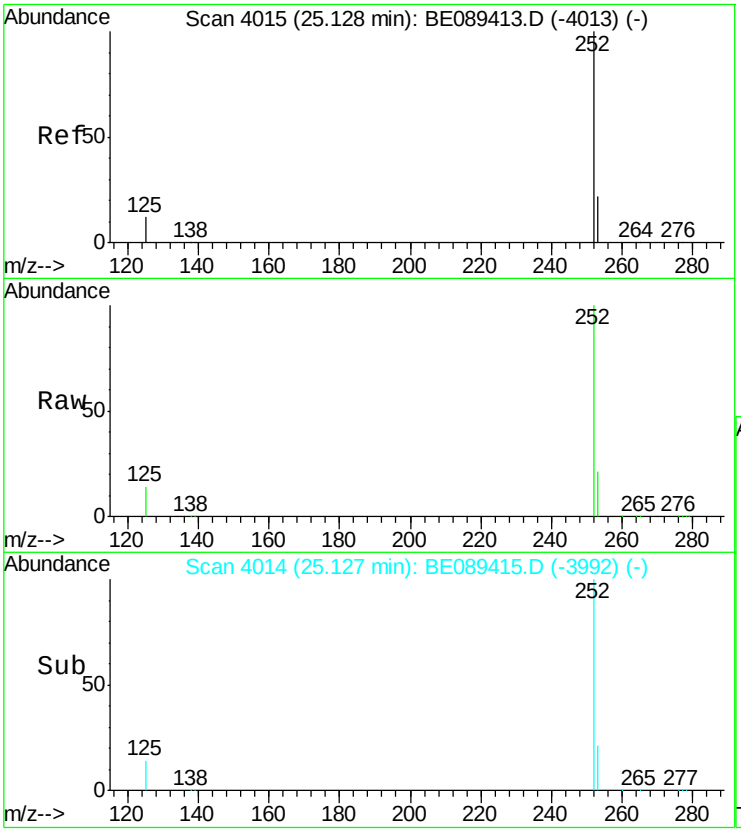


#28
Benzo(b)fluoranthene
Concen: 5.45 ng
RT: 25.10 min Scan# 4011
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion:252 Resp: 311357

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	12.4	10.5	15.7



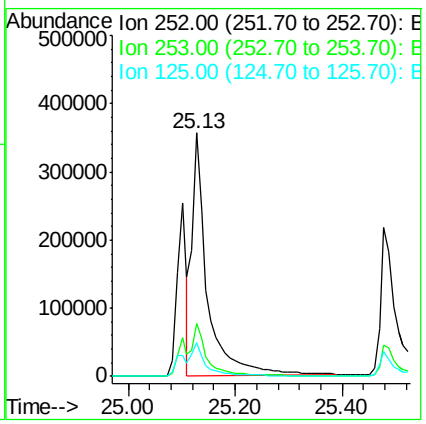


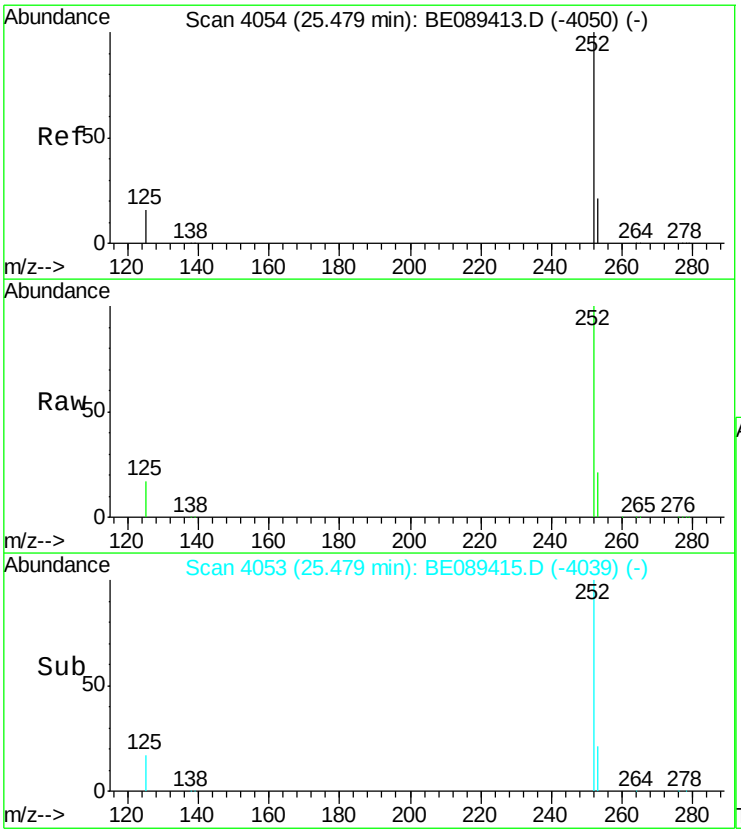
#29
Benzo(k)fluoranthene
Concen: 5.36 ng
RT: 25.13 min Scan# 4014
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:252 Resp: 693900

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	14.1	11.0	16.6

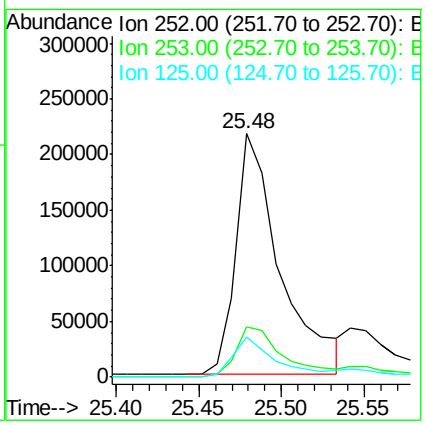


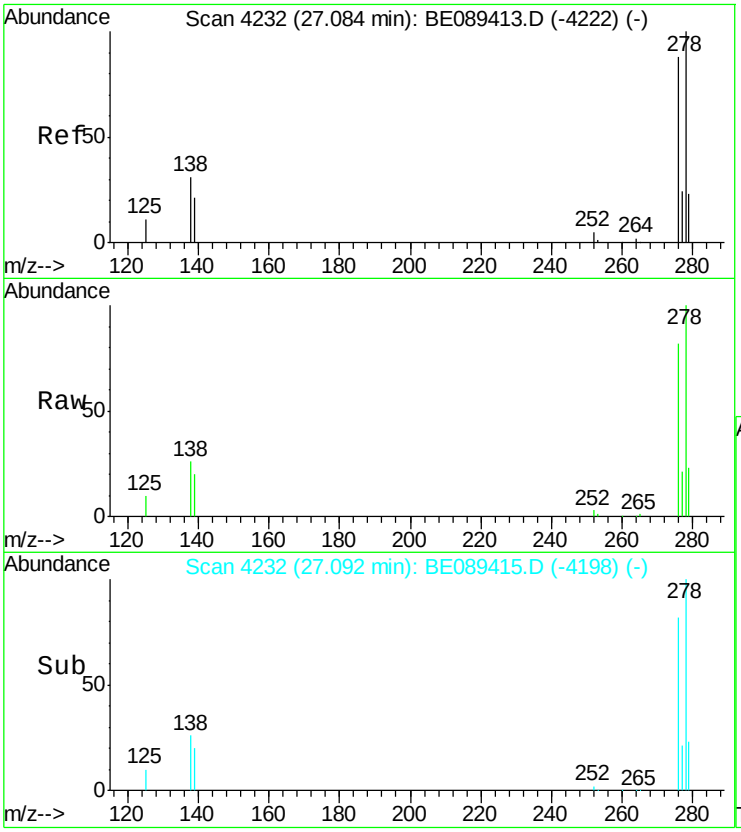


#30
Benzo(a)pyrene
Concen: 5.81 ng
RT: 25.48 min Scan# 4053
Delta R.T. -0.00 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Tgt Ion:252 Resp: 403000

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.3	25.9
125	16.6	13.0	19.6





#31
Dibenzo(a,h)anthracene
Concen: 6.20 ng
RT: 27.09 min Scan# 4232
Delta R.T. 0.01 min
Lab File: BE089415.D
Acq: 29 Jan 2015 14:40

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:278 Resp: 439366

Ion	Ratio	Lower	Upper
278	100		
139	19.9	17.2	25.8
279	23.4	19.2	28.8