Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE012915\
Data File : BE089425.D
Acq On : 29 Jan 2015 23:01
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDCCC001

Quant Time: Jan 30 07:30:30 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	156924	5.00	ng		0.00
7) Naphthalene-d8	12.50	136	595883	5.00	ng		0.00
13) Acenaphthene-d10	16.68	164	244350	5.00	ng		0.00
17) Phenanthrene-d10	19.98	188	491333	5.00	ng		0.00
20) Chrysene-d12	23.84	240	601211	5.00	ng		0.00
27) Perylene-d12	25.55	264	632987	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.74	112	53927	0.91	ng		0.00
4) Phenol-d6	8.85	99	65603	0.94	ng		0.00
8) Nitrobenzene-d5	10.84	82	46062	0.95	ng		0.00
14) 2,4,6-Tribromophenol	18.58	330	6759	1.00	ng		0.00
15) 2-Fluorobiphenyl	15.13	172	64133	0.94	ng		0.00
22) Terphenyl-d14	22.48	244	76027	1.09	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.58	42	30442	0.99	ng	#	58
5) Phenol	8.88	94	72194	0.94	ng		86
6) bis(2-Chloroethyl)ether	9.06	93	53404	0.93	ng	#	99
9) Nitrobenzene	10.88	77	52983	0.96	ng		99
10) 2,4-Dimethylphenol	11.82	122	37292	0.95	ng		93
11) 2,4-Dichlorophenol	12.21	162	26571	0.97	ng		93
12) Hexachlorobutadiene	12.89	225	17131	0.93	ng		99
16) 2,4-Dinitrophenol	16.89	184	1813	1.01	ng		93
18) Hexachlorobenzene	19.23	284	23191	0.96	ng		96
19) Pentachlorophenol	19.65	266	3661	0.81	ng		97
21) Benzidine	22.14	184	58307	1.11	ng		99
23) Benzo(a)anthracene	23.83	228	479971	1.05	ng		100
24) 3,3'-Dichlorobenzidine	23.81	252	39679	1.11	ng		97
25) Chrysene	23.87	228	579205	0.93	ng		97
26) Indeno(1,2,3-cd)pyrene	27.07	276	121984	1.13	ng	#	100
28) Benzo(b)fluoranthene	25.13	252	258496	4.14	ng		99
29) Benzo(k)fluoranthene	25.13	252	260667	1.58	ng		100
30) Benzo(a)pyrene	25.48	252	85235	1.10	ng		99
31) Dibenzo(a,h)anthracene	27.09	278	93960	1.22	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE012915\
Data File : BE089425.D
Acq On : 29 Jan 2015 23:01
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Quant Time: Jan 30 07:30:30 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
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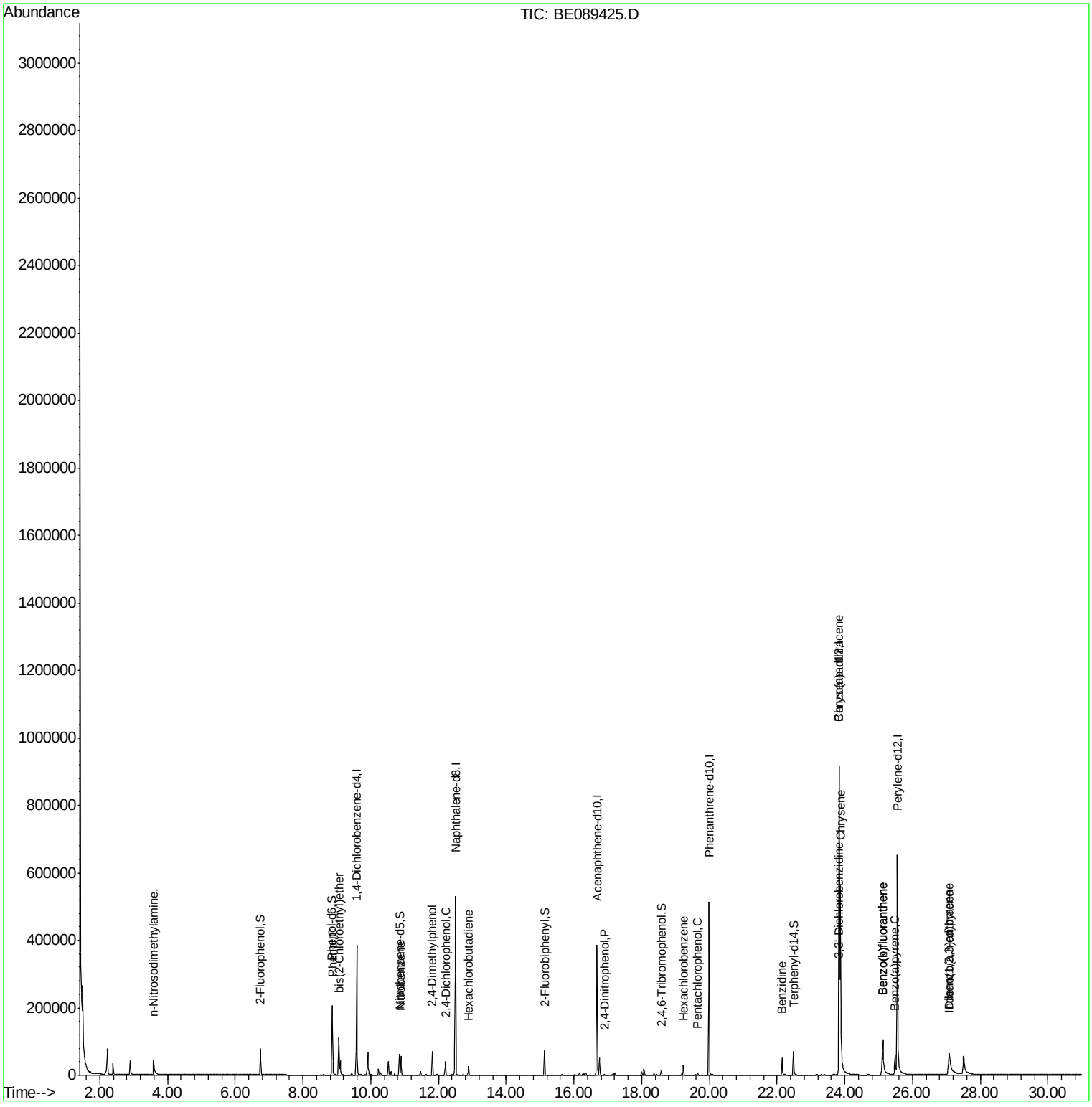
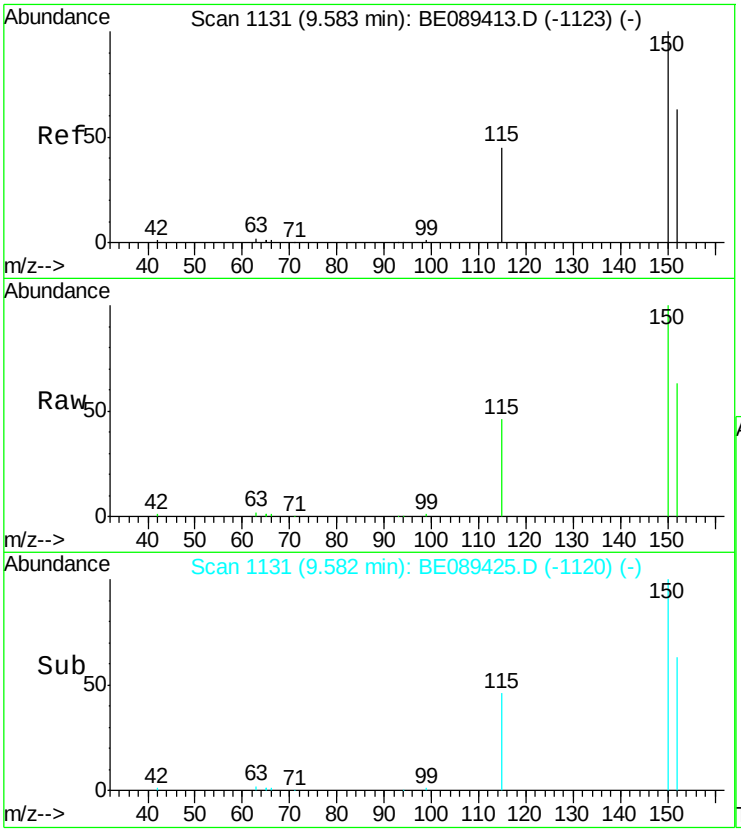


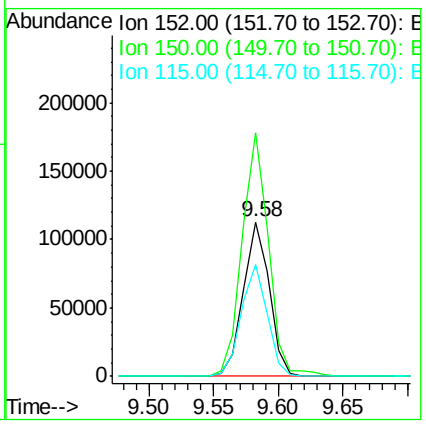


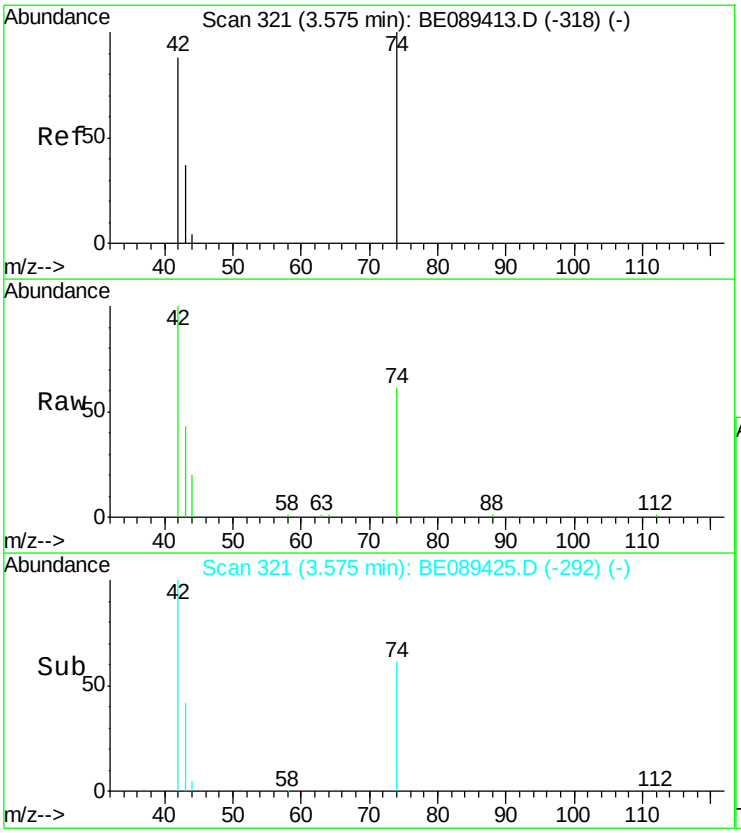
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 156924

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.1	189.1
115	72.4	57.1	85.7

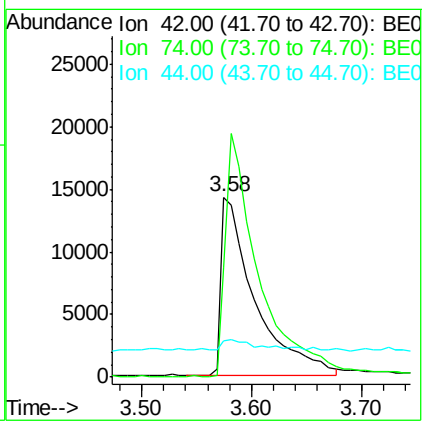


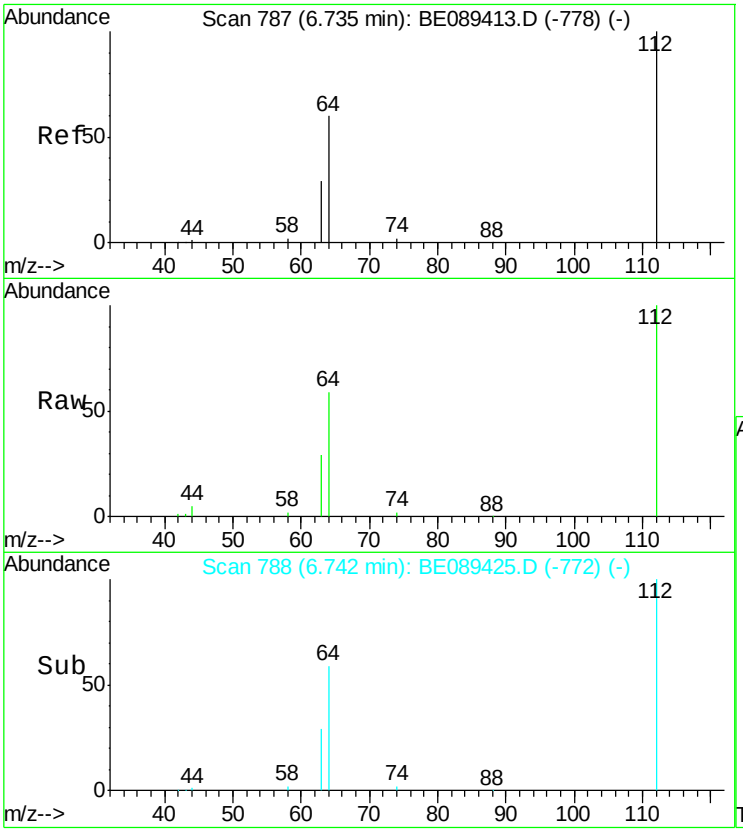


#2
n-Nitrosodimethylamine
Concen: 0.99 ng
RT: 3.58 min Scan# 321
Delta R.T. 0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion: 42 Resp: 30442

Ion	Ratio	Lower	Upper
42	100		
74	60.5	90.2	135.2#
44	20.2	19.4	29.2



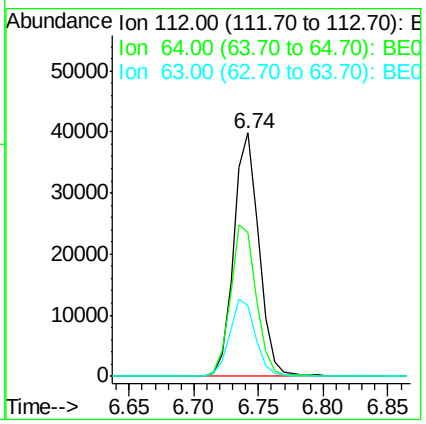


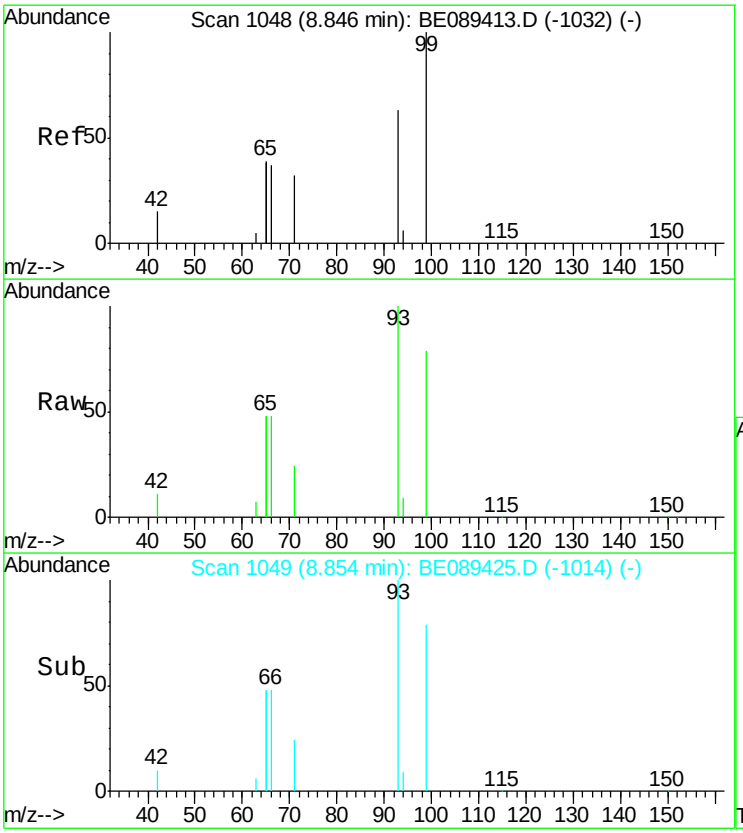
#3
2-Fluorophenol
Concen: 0.91 ng
RT: 6.74 min Scan# 788
Delta R.T. 0.01 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:112 Resp: 53927

Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.2	72.4
63	28.9	23.5	35.3

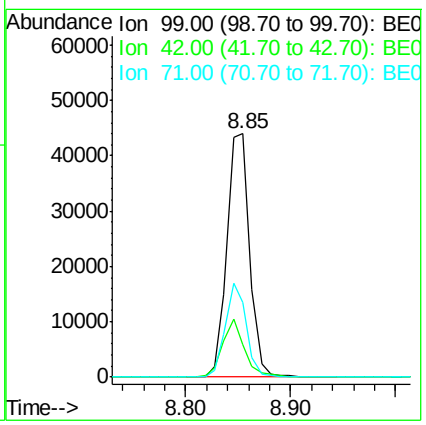


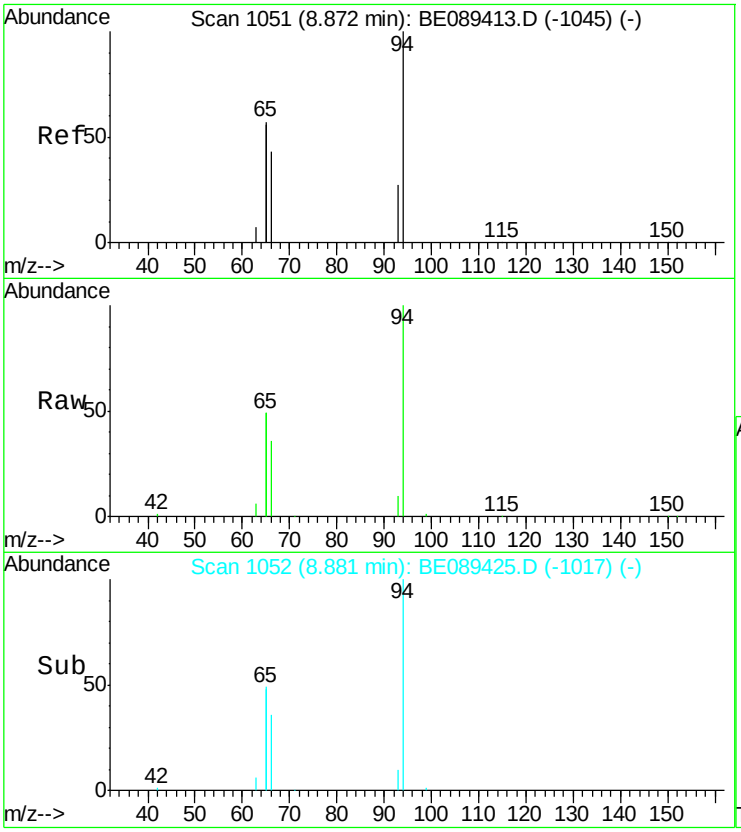


#4
Phenol-d6
Concen: 0.94 ng
RT: 8.85 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion: 99 Resp: 65603

Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.9	17.9
71	30.7	25.8	38.6



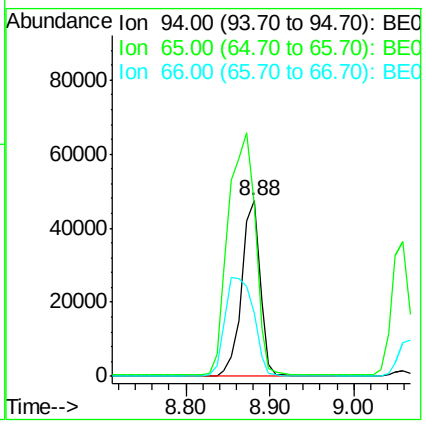


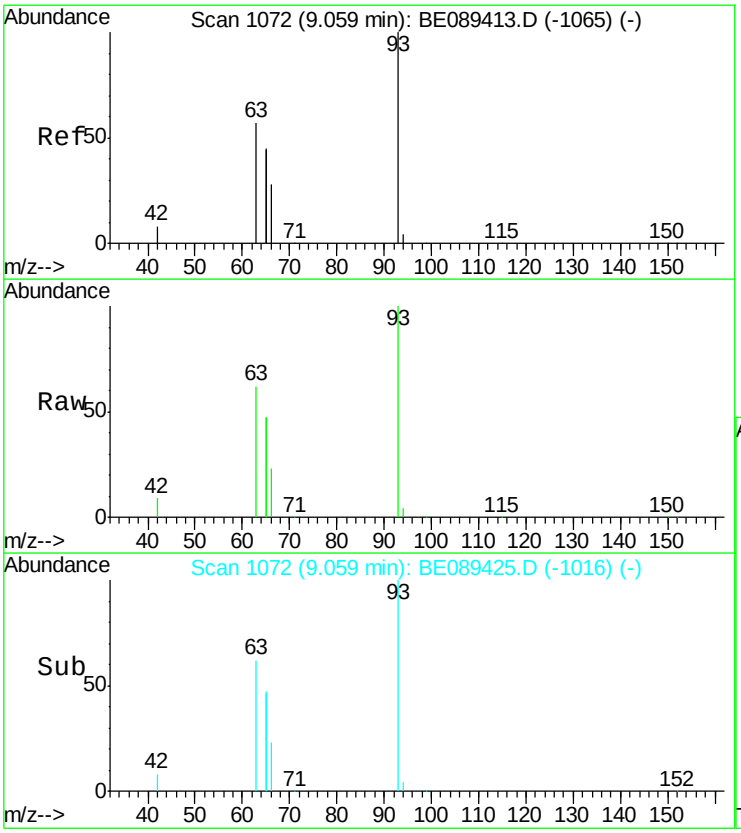
#5
Phenol
Concen: 0.94 ng
RT: 8.88 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion: 94 Resp: 72194

Ion	Ratio	Lower	Upper
94	100		
65	97.9	93.3	133.3
66	35.9	23.6	63.6

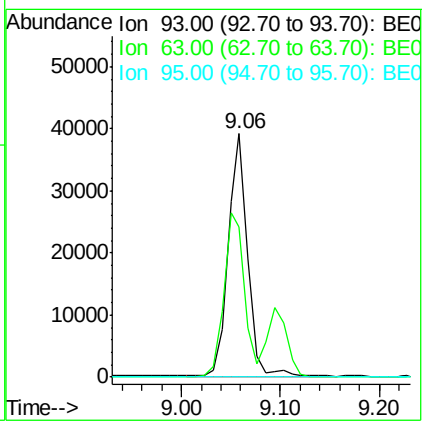


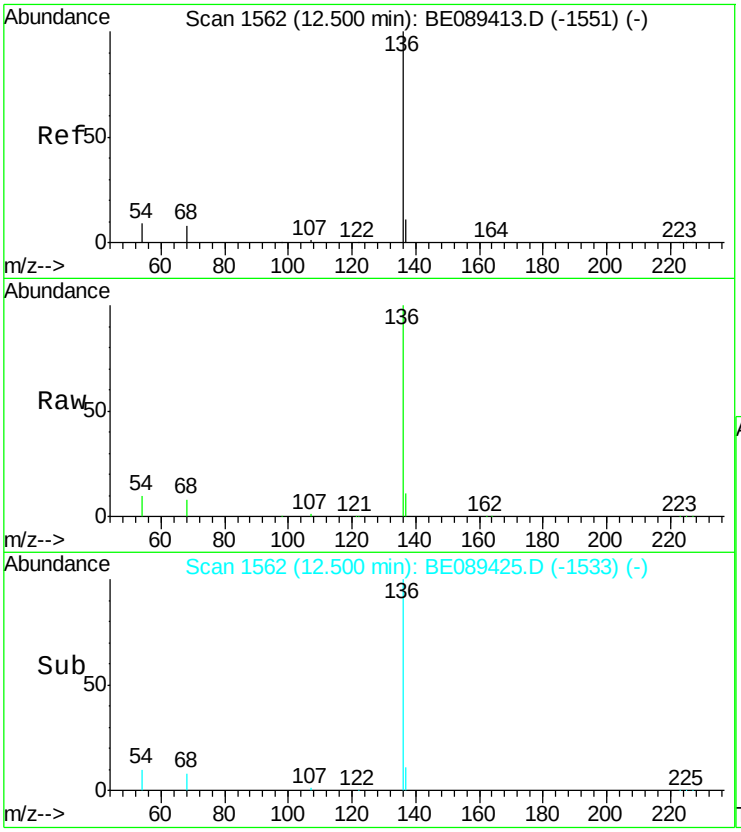


#6
bis(2-Chloroethyl)ether
Concen: 0.93 ng
RT: 9.06 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion: 93 Resp: 53404

Ion	Ratio	Lower	Upper
93	100		
63	72.5	58.6	88.0
95	0.0	0.0	0.0



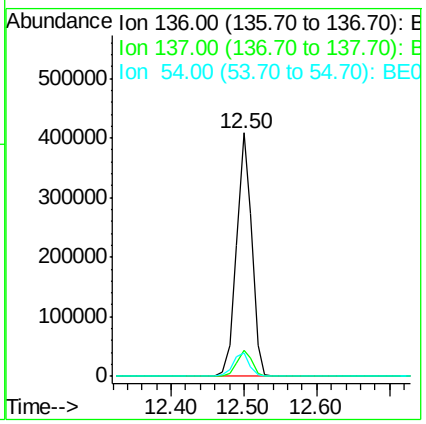


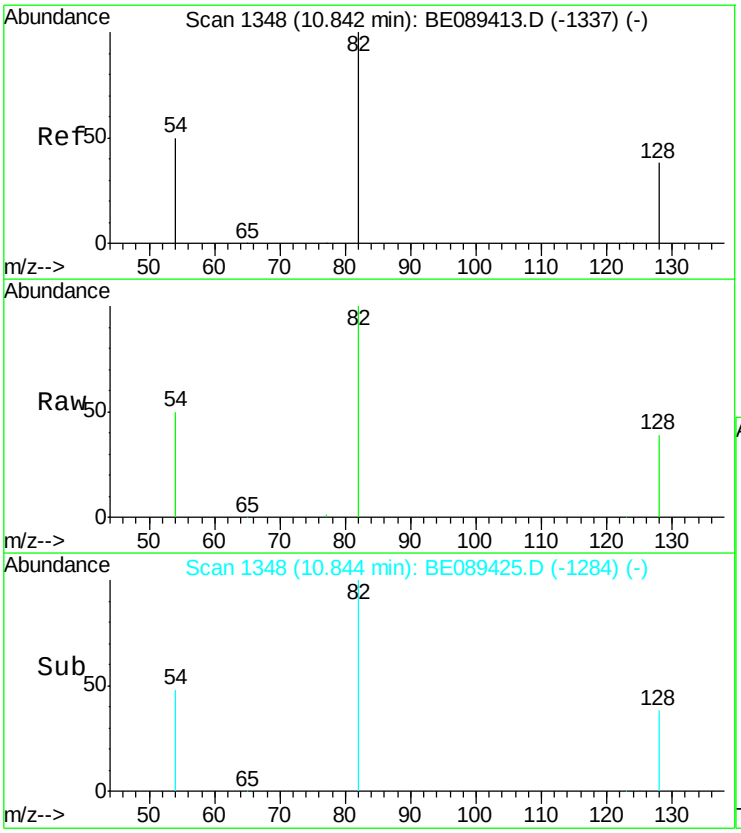
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.50 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:136 Resp: 595883

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.9	7.5	11.3

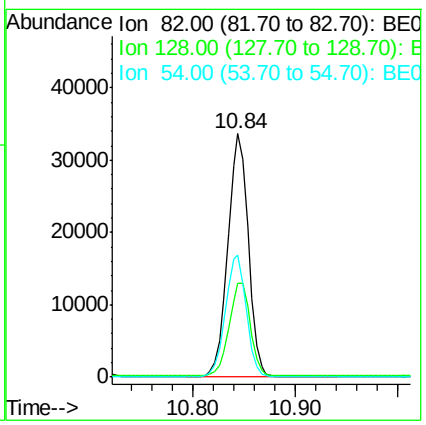


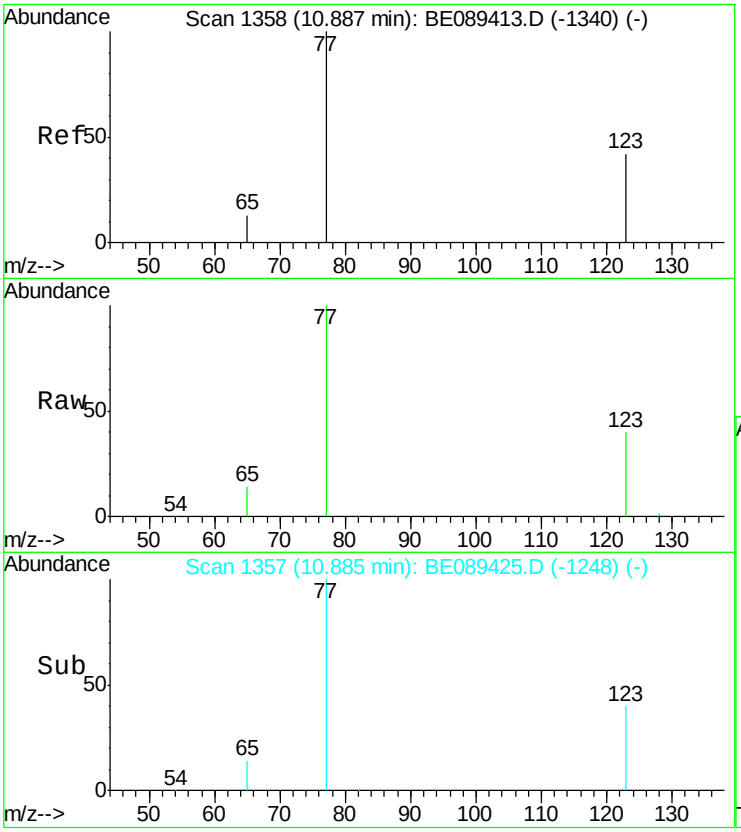


#8
Nitrobenzene-d5
Concen: 0.95 ng
RT: 10.84 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion: 82 Resp: 46062

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.0	46.4
54	49.9	39.8	59.6



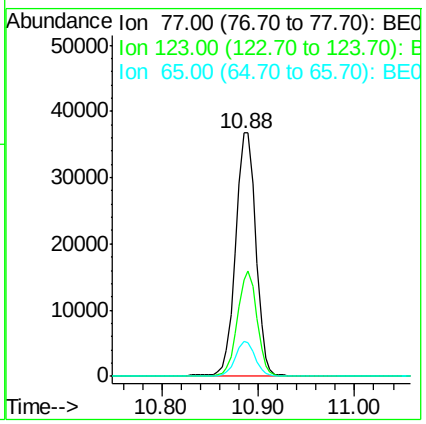


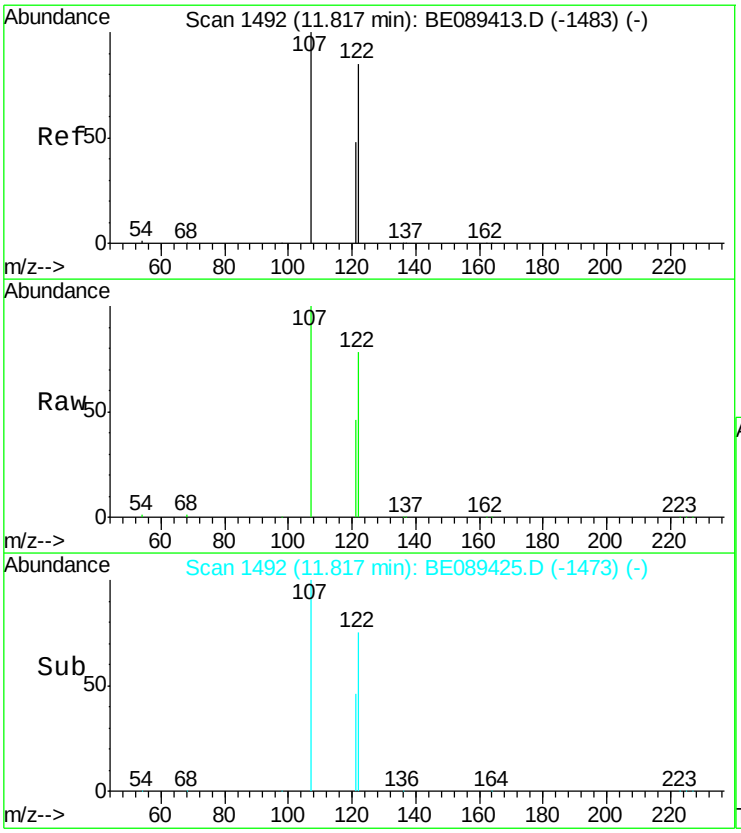
#9
Nitrobenzene
Concen: 0.96 ng
RT: 10.88 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion: 77 Resp: 52983

Ion	Ratio	Lower	Upper
77	100		
123	41.5	32.8	49.2
65	13.7	11.0	16.6

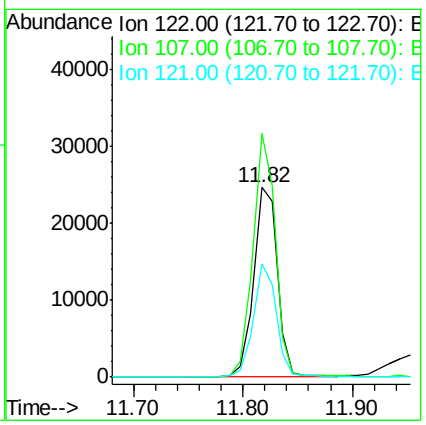


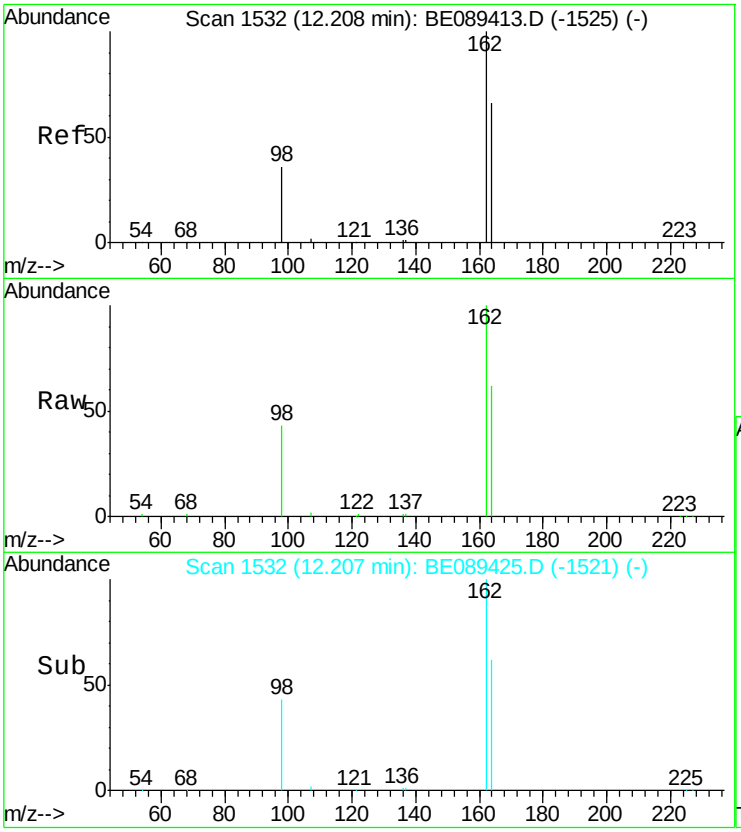


#10
2,4-Dimethylphenol
Concen: 0.95 ng
RT: 11.82 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion:122 Resp: 37292

Ion	Ratio	Lower	Upper
122	100		
107	128.4	94.6	142.0
121	59.4	45.8	68.6



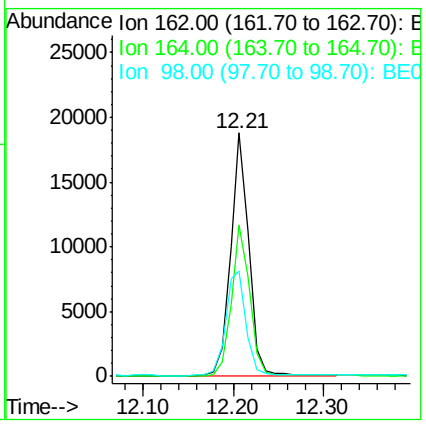


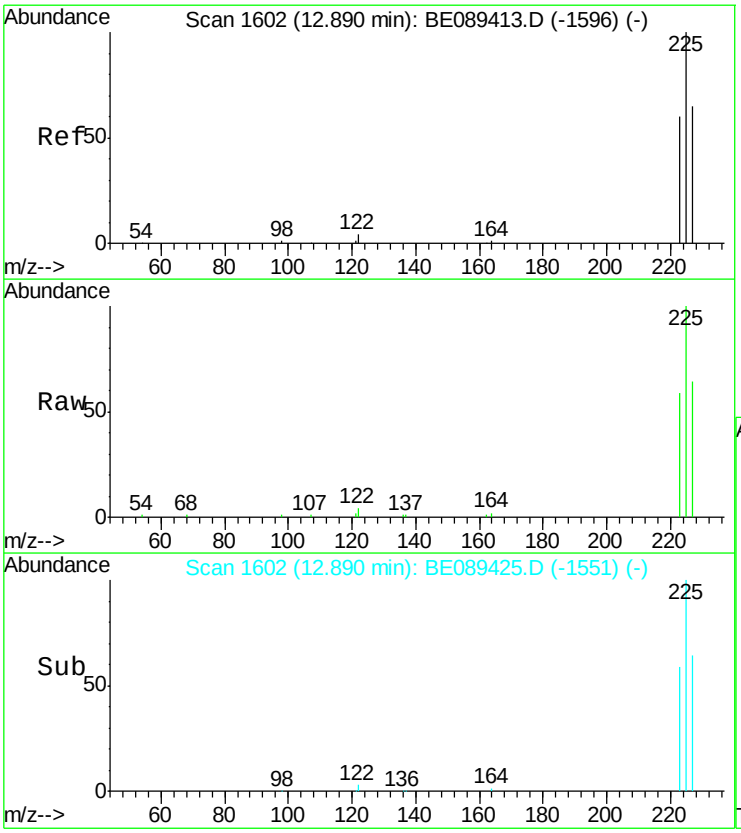
#11
2,4-Dichlorophenol
Concen: 0.97 ng
RT: 12.21 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:162 Resp: 26571

Ion	Ratio	Lower	Upper
162	100		
164	62.4	46.1	86.1
98	43.4	16.2	56.2

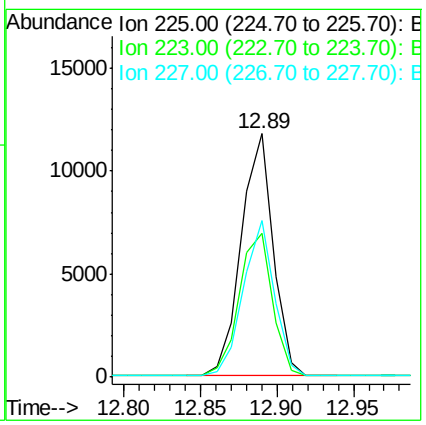


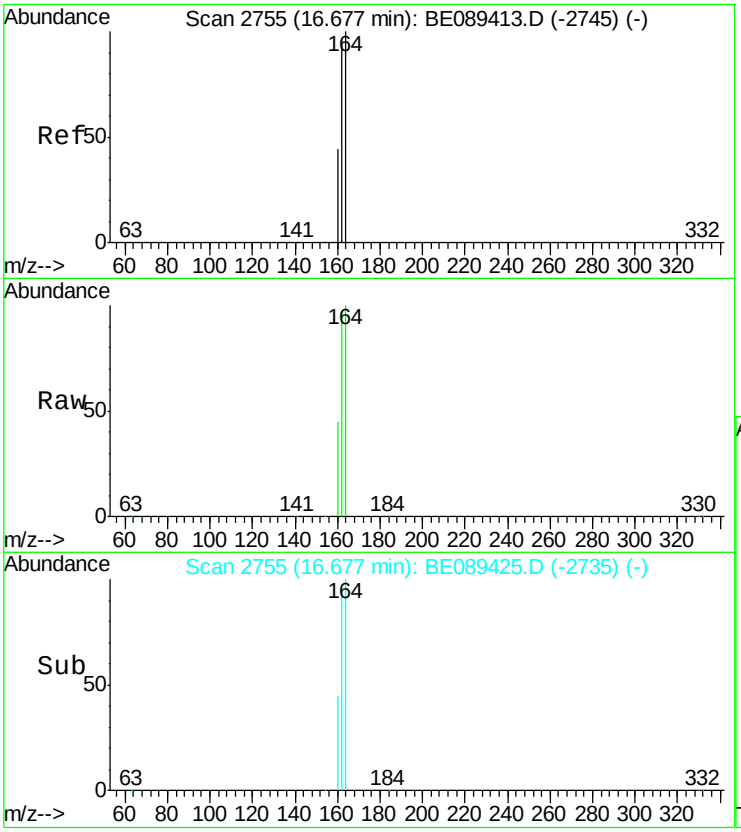


#12
Hexachlorobutadiene
Concen: 0.93 ng
RT: 12.89 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion:225 Resp: 17131

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.4	75.6
227	62.5	50.2	75.2



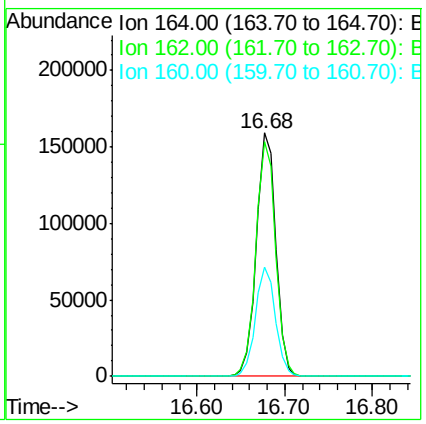


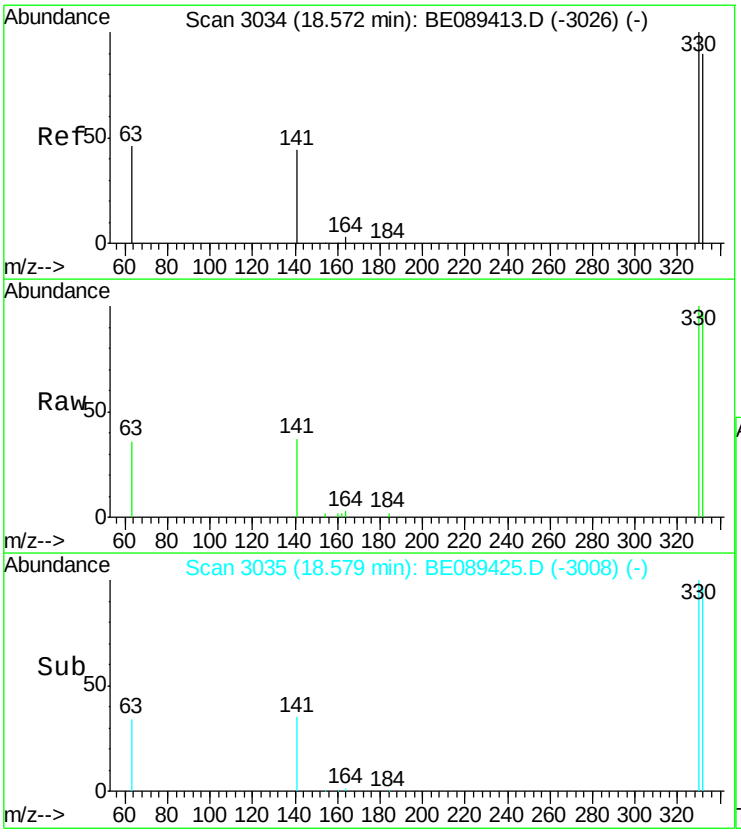
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 244350

Ion	Ratio	Lower	Upper
164	100		
162	96.5	77.0	115.6
160	44.9	35.0	52.4

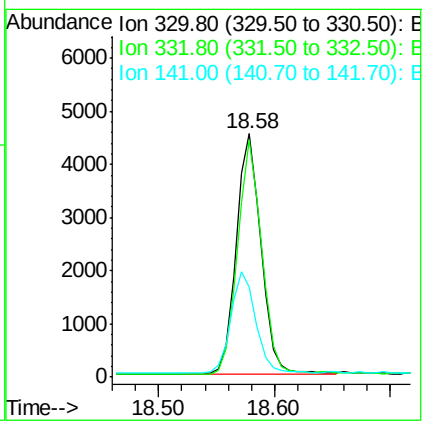


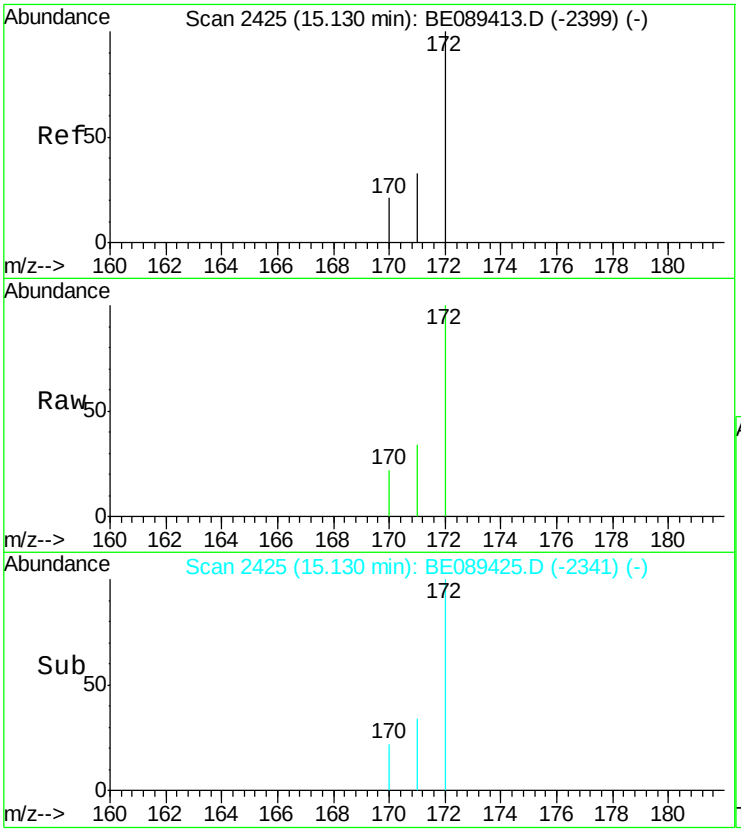


#14
2,4,6-Tribromophenol
Concen: 1.00 ng
RT: 18.58 min Scan# 3035
Delta R.T. 0.01 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion:330 Resp: 6759

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.0	114.0
141	42.8	35.6	53.4



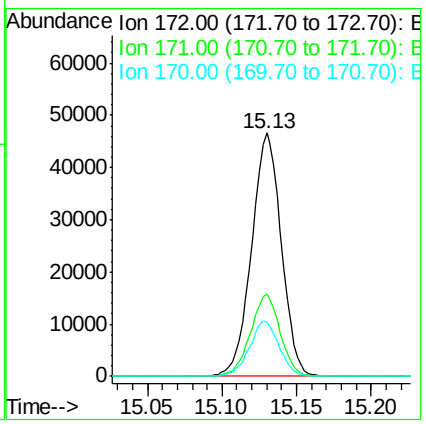


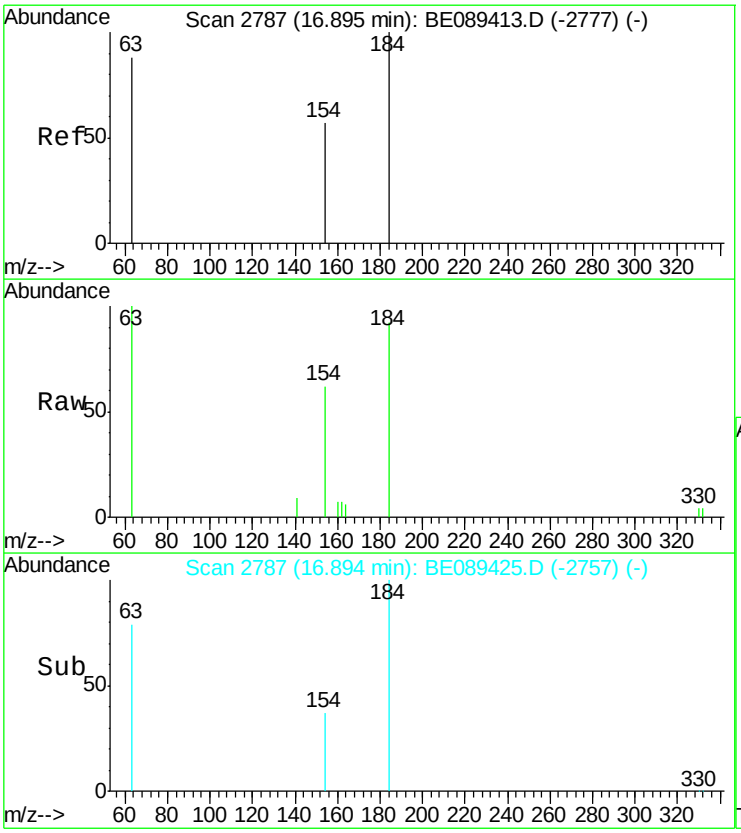
#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 15.13 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:172 Resp: 64133

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.6	39.8
170	22.3	17.1	25.7

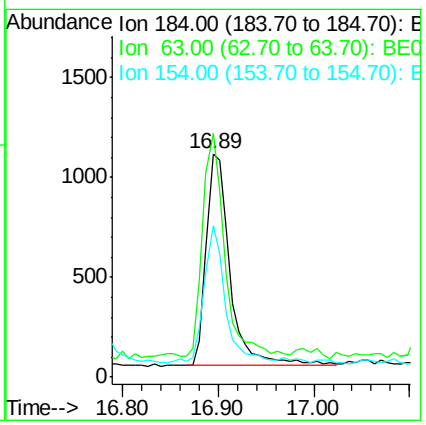


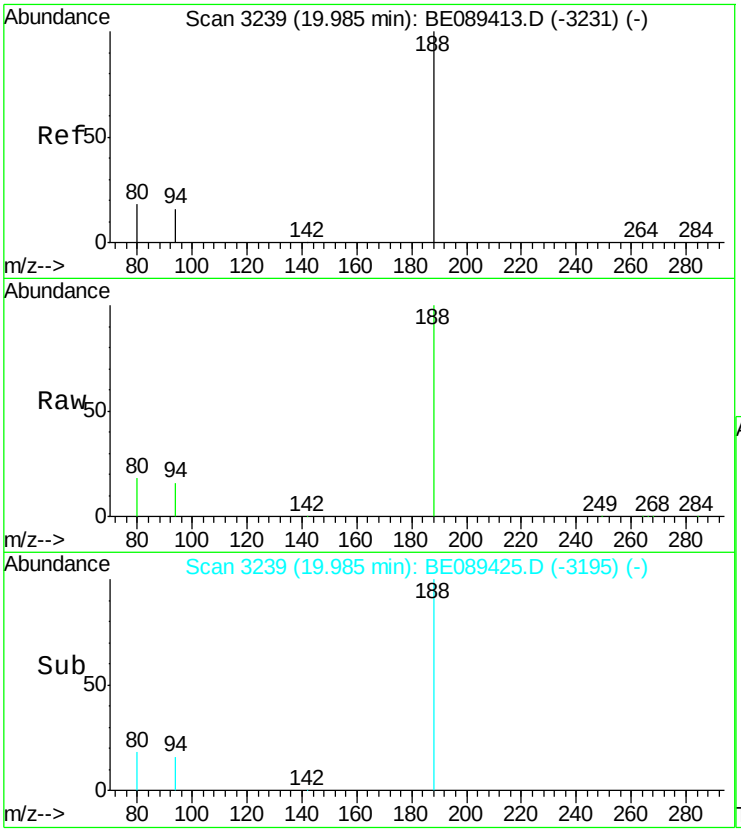


#16
2,4-Dinitrophenol
Concen: 1.01 ng
RT: 16.89 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion:184 Resp: 1813

Ion	Ratio	Lower	Upper
184	100		
63	109.1	79.0	118.4
154	68.1	55.8	83.6



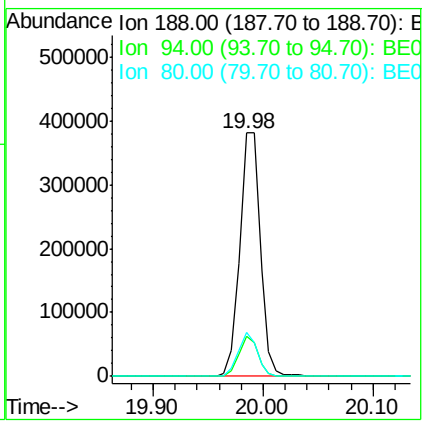


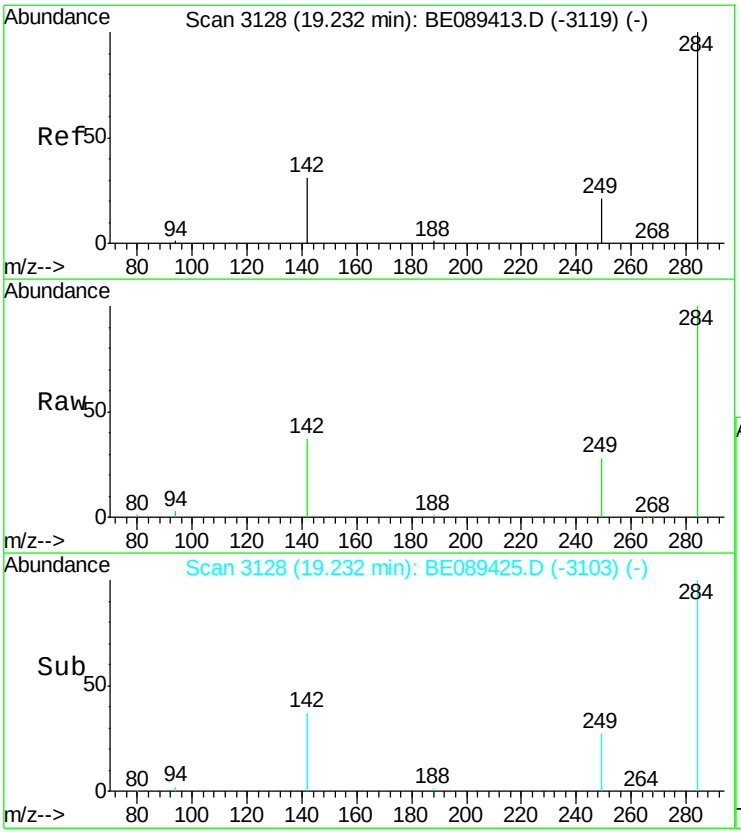
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.98 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 491333

Ion	Ratio	Lower	Upper
188	100		
94	16.2	13.0	19.6
80	18.0	14.2	21.4

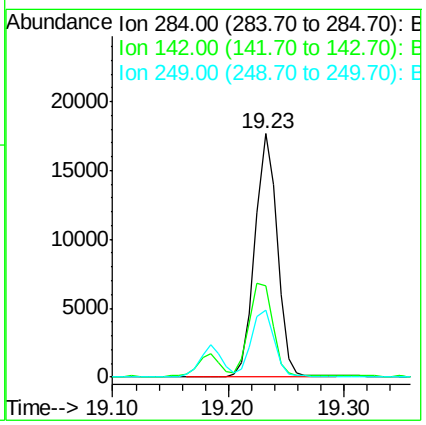


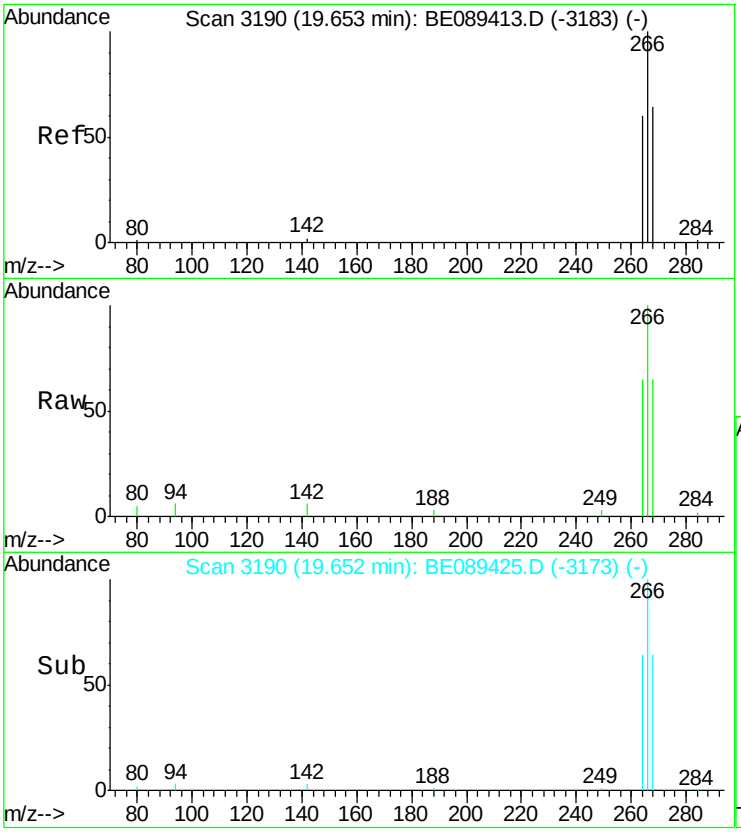


#18
Hexachlorobenzene
Concen: 0.96 ng
RT: 19.23 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion:284 Resp: 23191

Ion	Ratio	Lower	Upper
284	100		
142	37.5	28.3	42.5
249	27.7	19.9	29.9



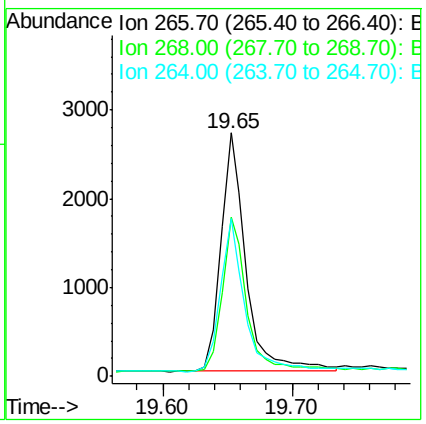


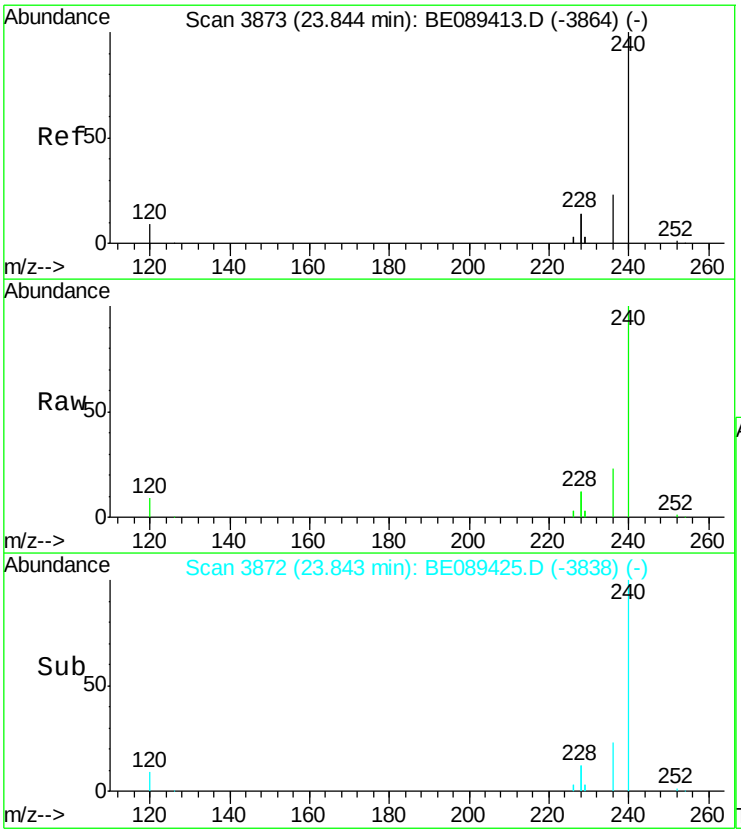
#19
Pentachlorophenol
Concen: 0.81 ng
RT: 19.65 min Scan# 3190
Delta R.T. 0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 3661

Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.9	77.9
264	64.9	48.5	72.7

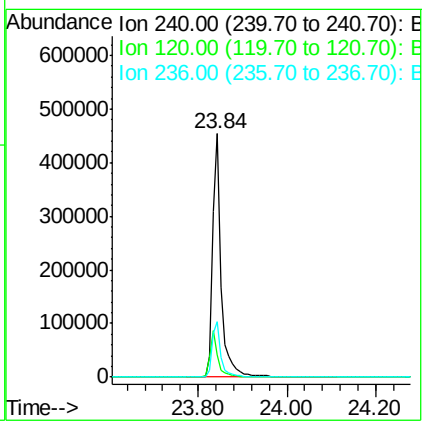


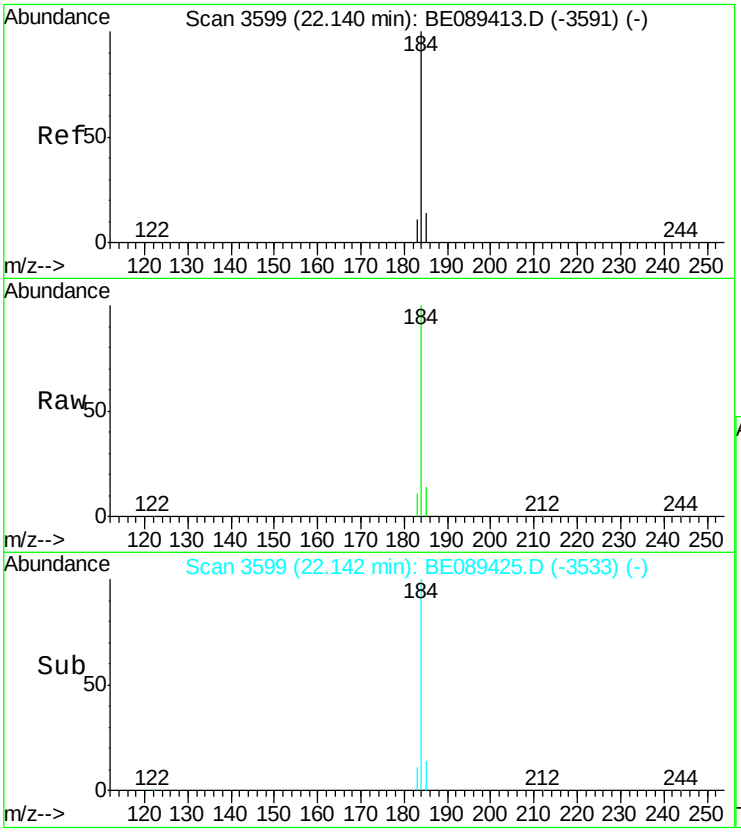


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion:240 Resp: 601211

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.9	10.3
236	23.0	18.2	27.2



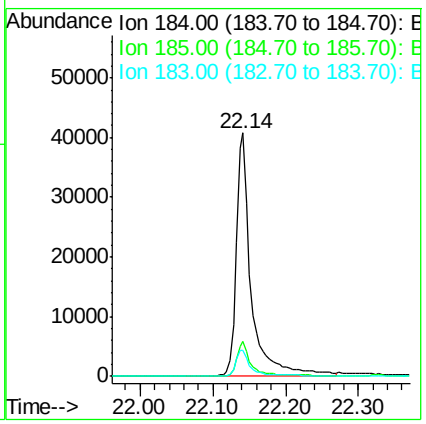


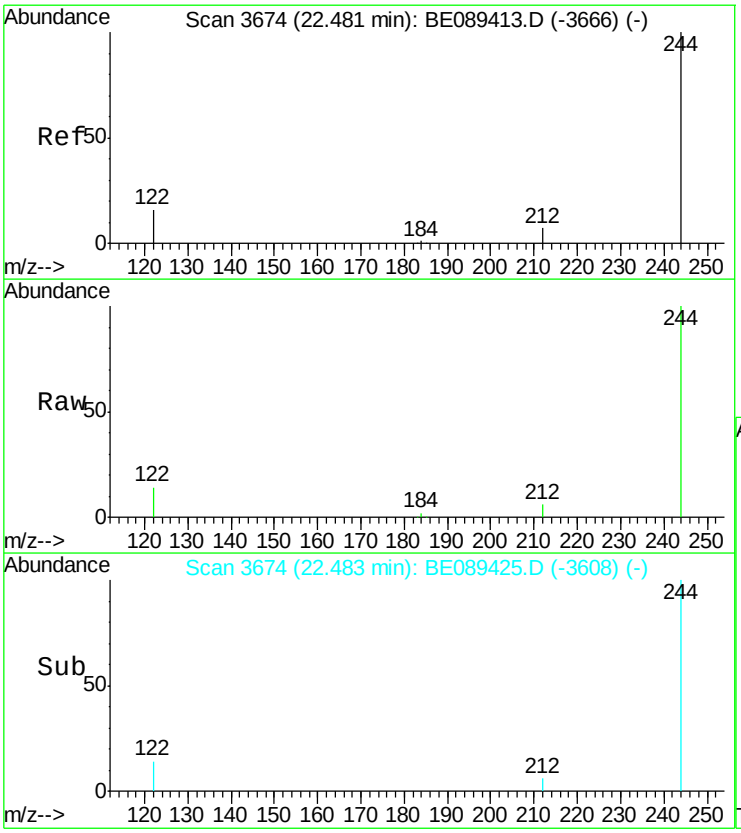
#21
Benzidine
Concen: 1.11 ng
RT: 22.14 min Scan# 3599
Delta R.T. 0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:184 Resp: 58307

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.0	16.6
183	10.9	8.6	13.0

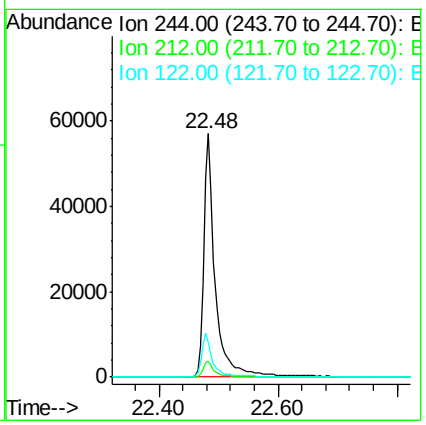


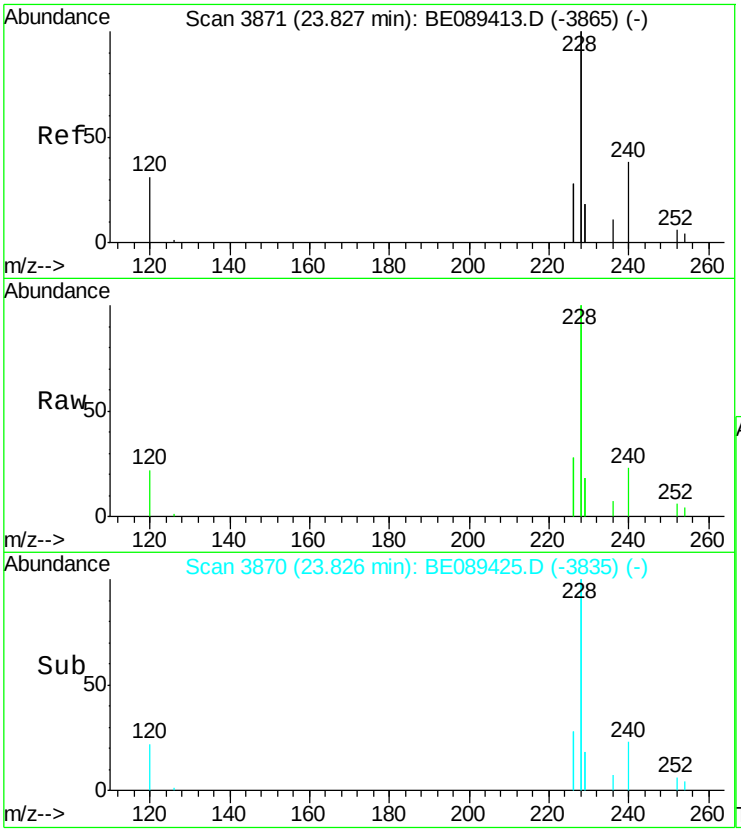


#22
Terphenyl-d14
Concen: 1.09 ng
RT: 22.48 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion:244 Resp: 76027

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	14.3	13.2	19.8



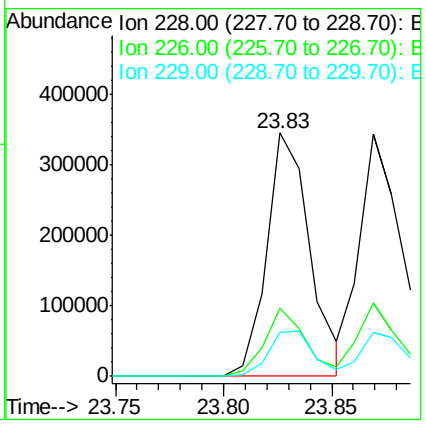


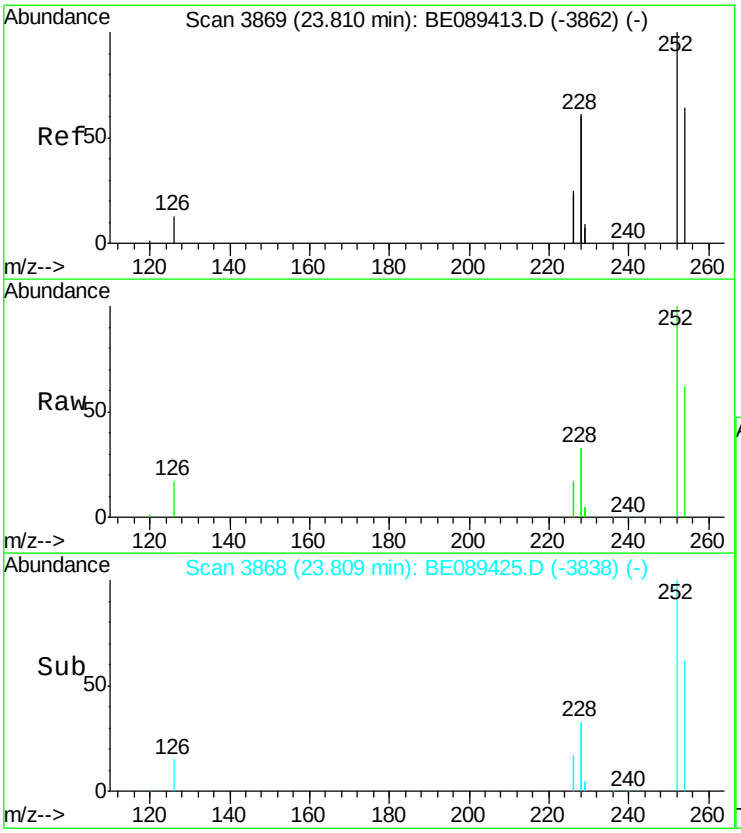
#23
Benzo(a)anthracene
Concen: 1.05 ng
RT: 23.83 min Scan# 3870
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 479971

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	17.8	14.5	21.7

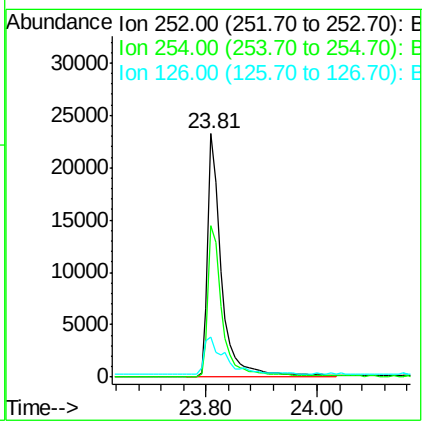


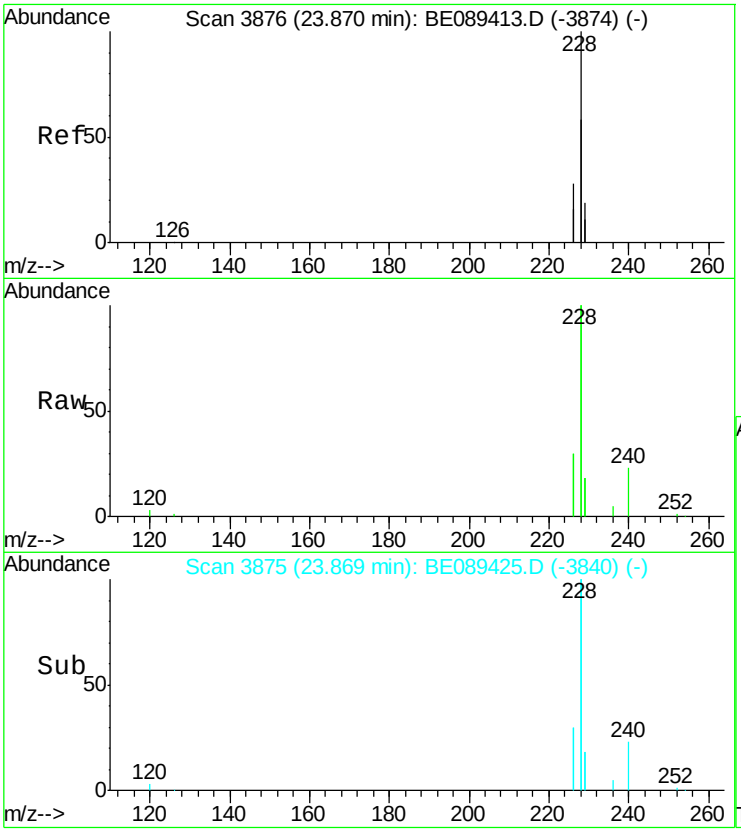


#24
3,3'-Dichlorobenzidine
Concen: 1.11 ng
RT: 23.81 min Scan# 3868
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion:252 Resp: 39679

Ion	Ratio	Lower	Upper
252	100		
254	62.1	51.1	76.7
126	16.6	11.5	17.3



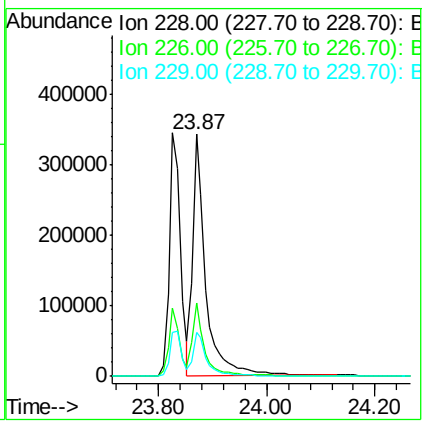


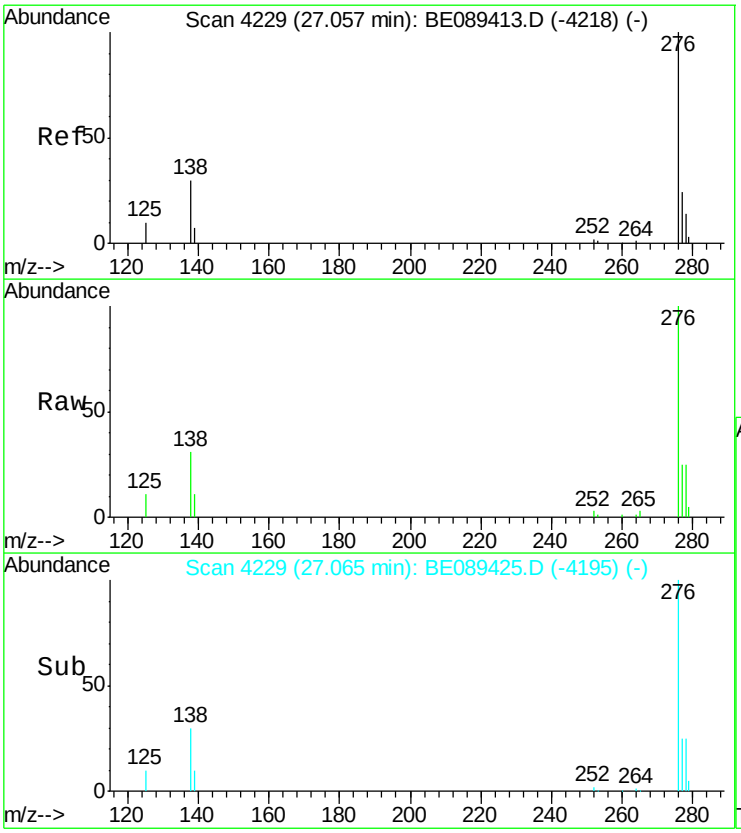
#25
Chrysene
Concen: 0.93 ng
RT: 23.87 min Scan# 3875
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 579205

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	18.3	15.5	23.3

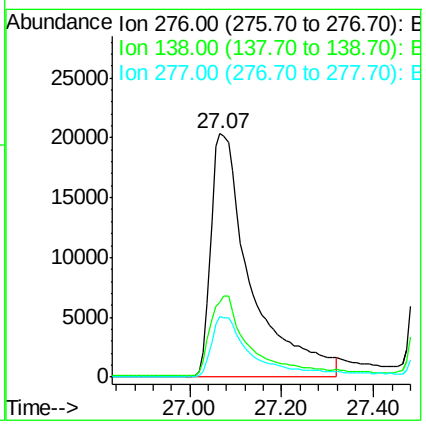


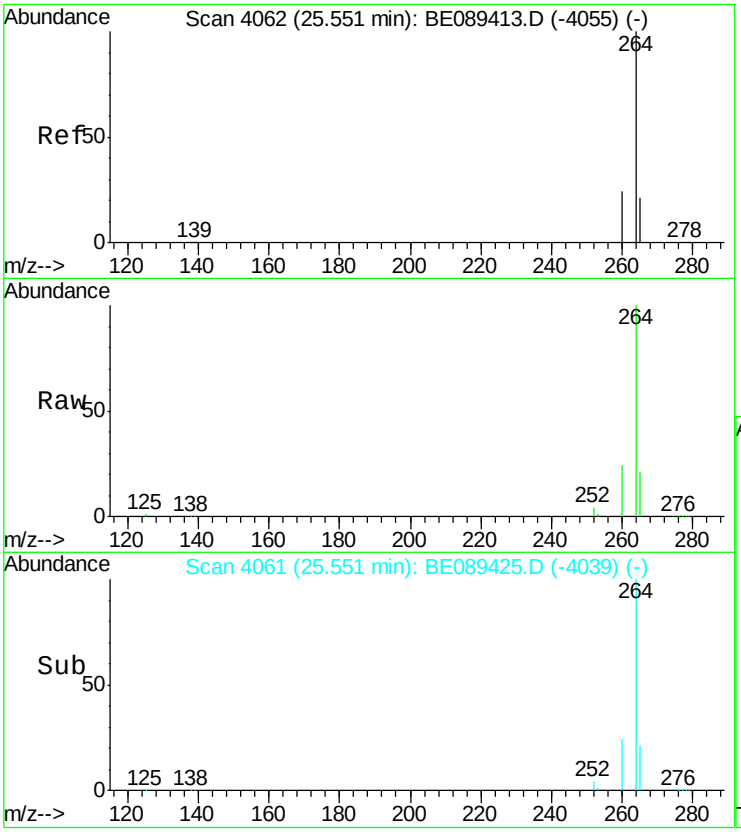


#26
Indeno(1,2,3-cd)pyrene
Concen: 1.13 ng
RT: 27.07 min Scan# 4229
Delta R.T. 0.01 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion:276 Resp: 121984

Ion	Ratio	Lower	Upper
276	100		
138	32.3	0.0	0.0#
277	24.1	0.0	0.0#



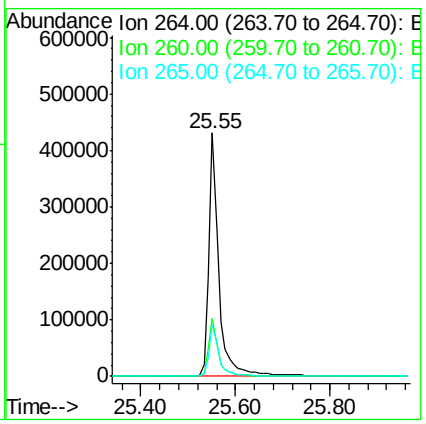


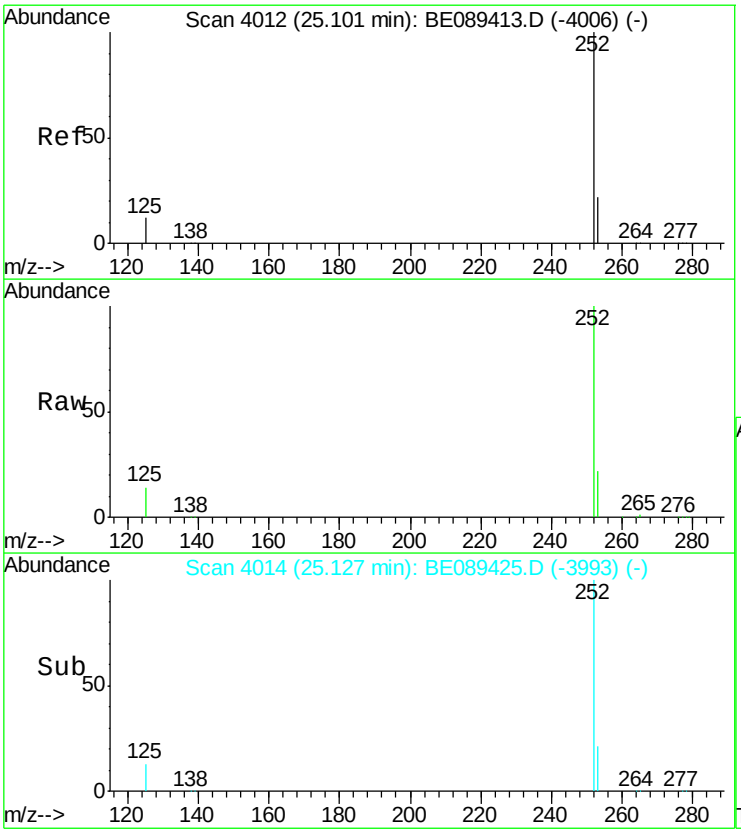
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.55 min Scan# 4061
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:264 Resp: 632987

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.1	17.1	25.7

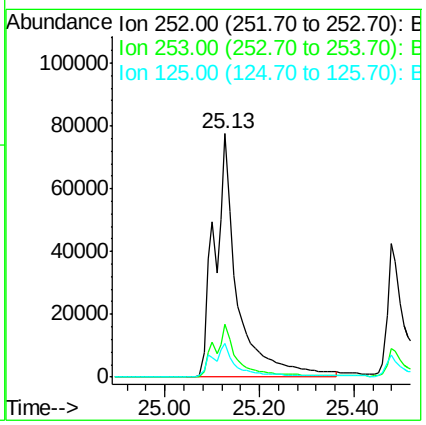


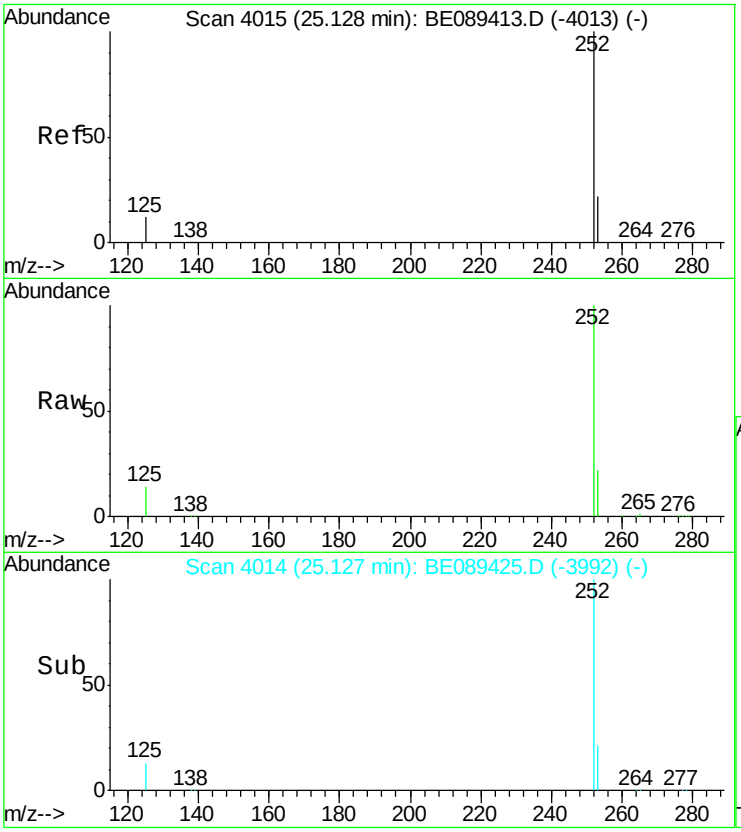


#28
Benzo(b)fluoranthene
Concen: 4.14 ng
RT: 25.13 min Scan# 4014
Delta R.T. 0.03 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion:252 Resp: 258496

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	13.6	10.5	15.7



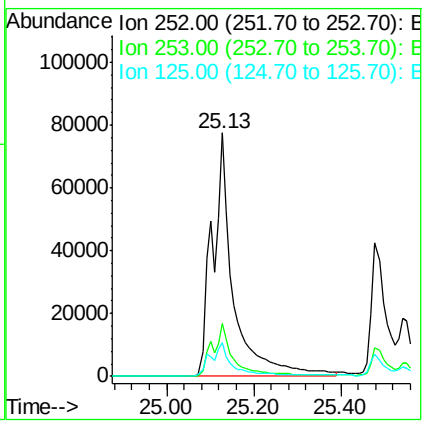


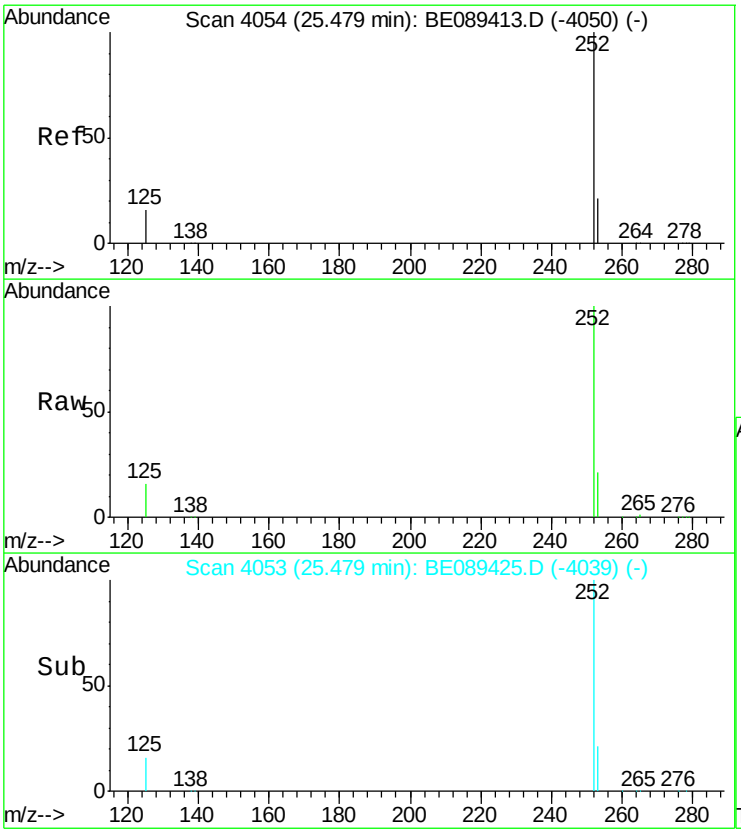
#29
Benzo(k)fluoranthene
Concen: 1.58 ng
RT: 25.13 min Scan# 4014
Delta R.T. 0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 260667

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	13.6	11.0	16.6

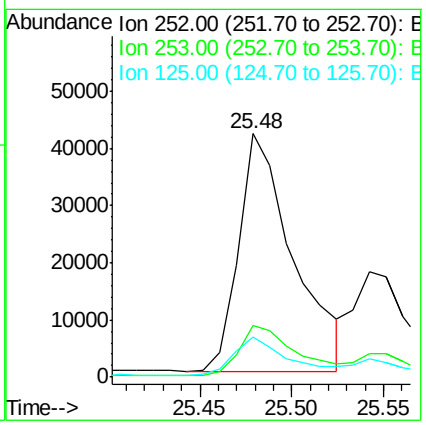


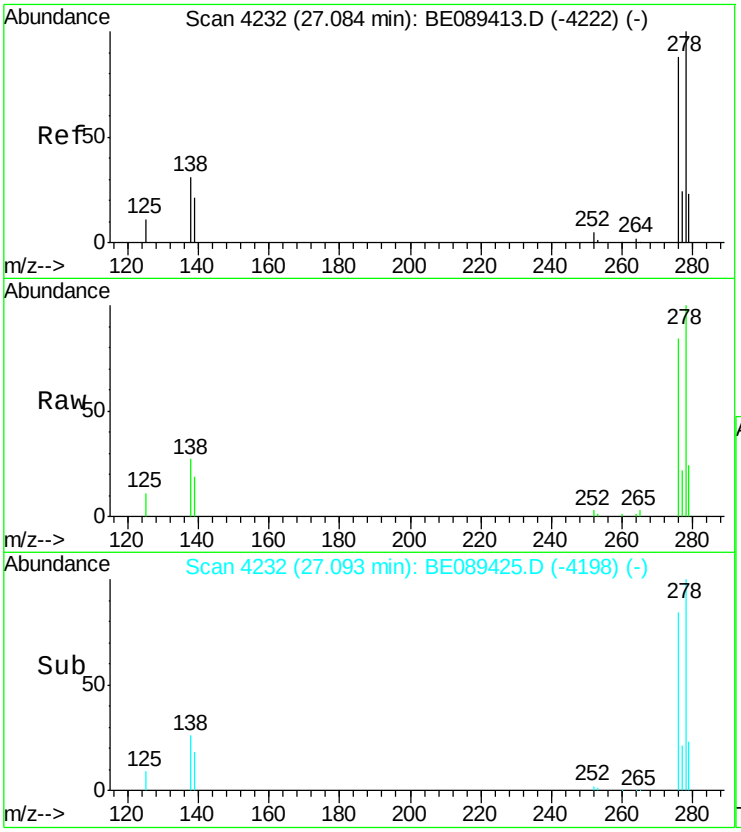


#30
Benzo(a)pyrene
Concen: 1.10 ng
RT: 25.48 min Scan# 4053
Delta R.T. -0.00 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Tgt Ion:252 Resp: 85235

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	16.5	13.0	19.6





#31
Dibenzo(a,h)anthracene
Concen: 1.22 ng
RT: 27.09 min Scan# 4232
Delta R.T. 0.01 min
Lab File: BE089425.D
Acq: 29 Jan 2015 23:01

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:278 Resp: 93960

Ion	Ratio	Lower	Upper
278	100		
139	18.8	17.2	25.8
279	23.8	19.2	28.8