Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
Data File : BE089411.D
Acq On : 29 Jan 2015 12:02
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.5

Quant Time: Jan 30 02:43:59 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	142382	5.00	ng		0.00
7) Naphthalene-d8	12.50	136	537656	5.00	ng		0.00
13) Acenaphthene-d10	16.68	164	211174	5.00	ng		0.00
17) Phenanthrene-d10	19.99	188	420156	5.00	ng		0.00
20) Chrysene-d12	23.84	240	516859	5.00	ng		0.00
27) Perylene-d12	25.55	264	523057	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.74	112	25757	0.56	ng		0.00
4) Phenol-d6	8.85	99	31480	0.56	ng		0.00
8) Nitrobenzene-d5	10.84	82	21000	0.54	ng		0.00
14) 2,4,6-Tribromophenol	18.58	330	2660	0.54	ng		0.00
15) 2-Fluorobiphenyl	15.13	172	29006	0.46	ng		0.00
22) Terphenyl-d14	22.48	244	30012	0.53	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.60	42	13927	0.57	ng	#	86
5) Phenol	8.87	94	34673	0.58	ng		94
6) bis(2-Chloroethyl)ether	9.06	93	25745	0.58	ng	#	99
9) Nitrobenzene	10.89	77	24296	0.56	ng		99
10) 2,4-Dimethylphenol	11.82	122	17189	0.52	ng		97
11) 2,4-Dichlorophenol	12.21	162	11660	0.46	ng		97
12) Hexachlorobutadiene	12.89	225	8037	0.45	ng		99
16) 2,4-Dinitrophenol	16.90	184	201	0.14	ng	#	70
18) Hexachlorobenzene	19.23	284	10150	0.52	ng		95
19) Pentachlorophenol	19.65	266	1101	0.29	ng		97
21) Benzidine	22.14	184	13445	0.32	ng		97
23) Benzo(a)anthracene	23.83	228	180998	0.39	ng		94
24) 3,3'-Dichlorobenzidine	23.81	252	12102	0.32	ng	#	96
25) Chrysene	23.87	228	266794	0.46	ng		100
26) Indeno(1,2,3-cd)pyrene	27.05	276	28652	0.21	ng	#	100
28) Benzo(b)fluoranthene	25.13	252	81163	1.22	ng		97
29) Benzo(k)fluoranthene	25.13	252	82316	0.55	ng		98
30) Benzo(a)pyrene	25.48	252	21851	0.27	ng		98
31) Dibenzo(a,h)anthracene	27.08	278	20005	0.24	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 : BE089411.D
Acq On : 29 Jan 2015 12:02
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
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SSTDICC0.5

Quant Time: Jan 30 02:43:59 2015
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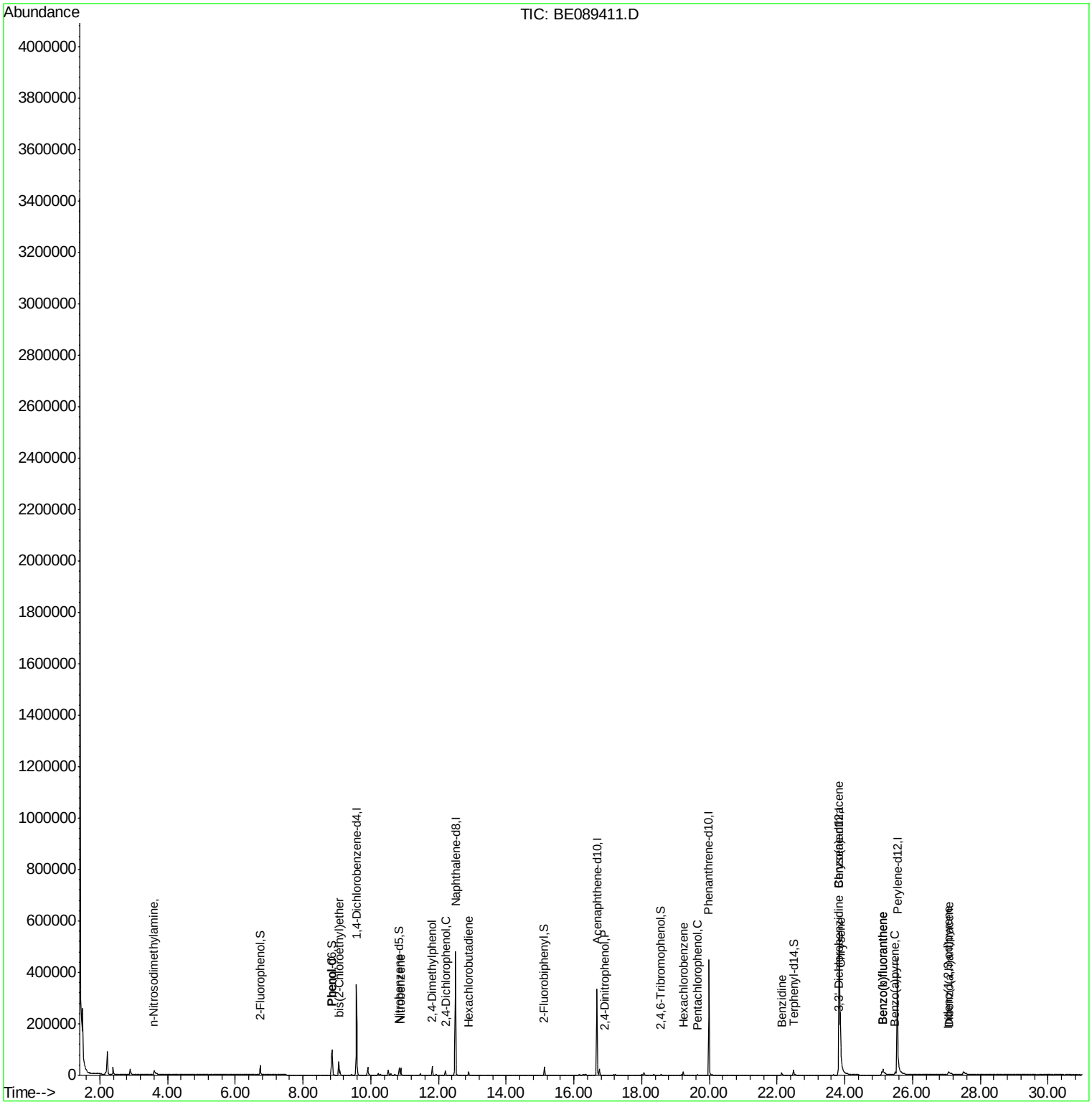
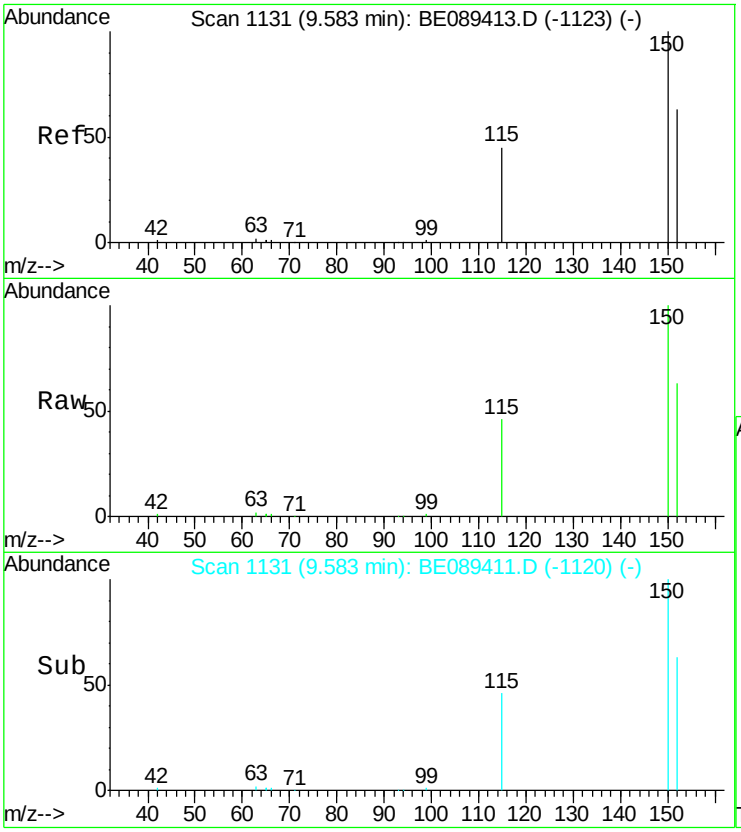


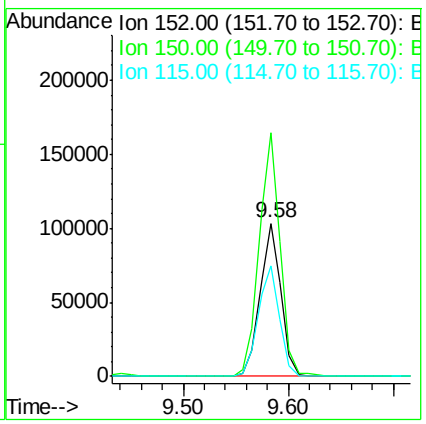


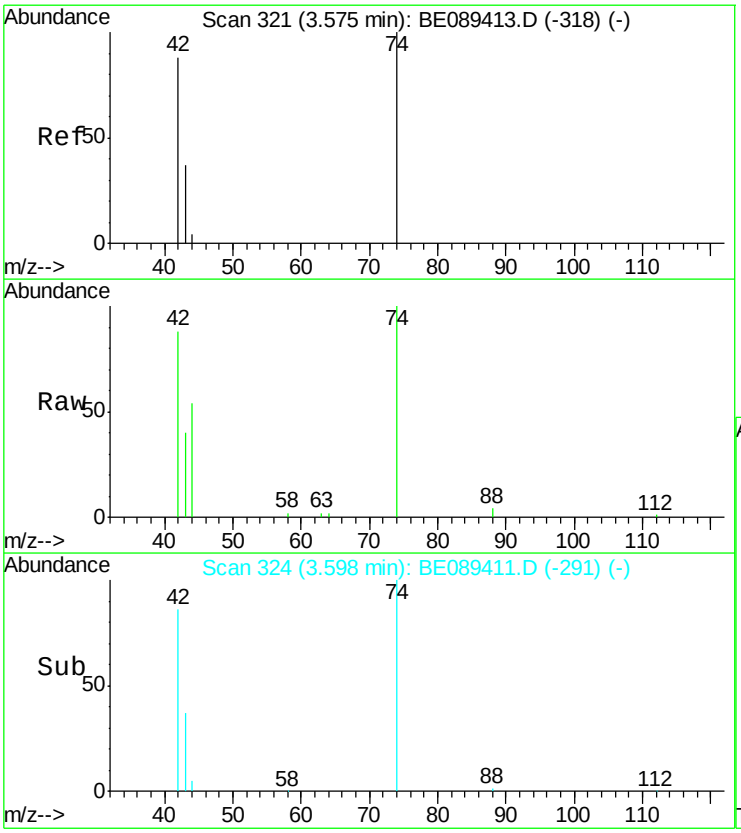
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 142382

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.1	189.1
115	72.5	57.1	85.7

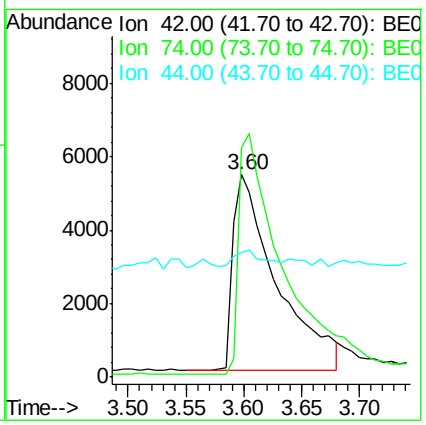


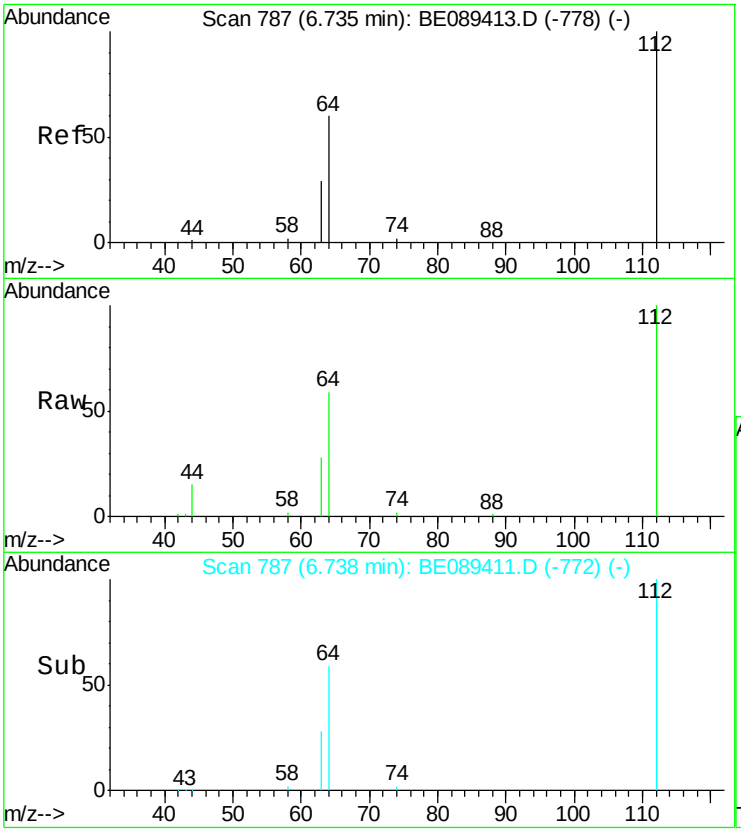


#2
n-Nitrosodimethylamine
Concen: 0.57 ng
RT: 3.60 min Scan# 324
Delta R.T. 0.02 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion: 42 Resp: 13927

Ion	Ratio	Lower	Upper
42	100		
74	113.2	90.2	135.2
44	61.4	19.4	29.2#



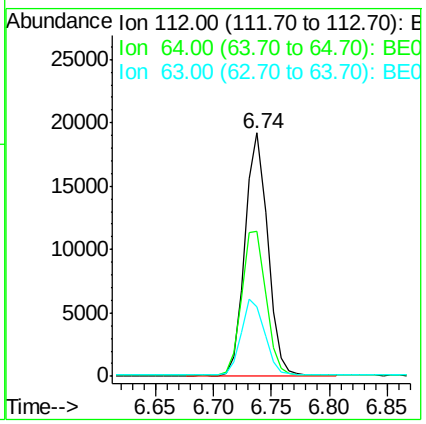


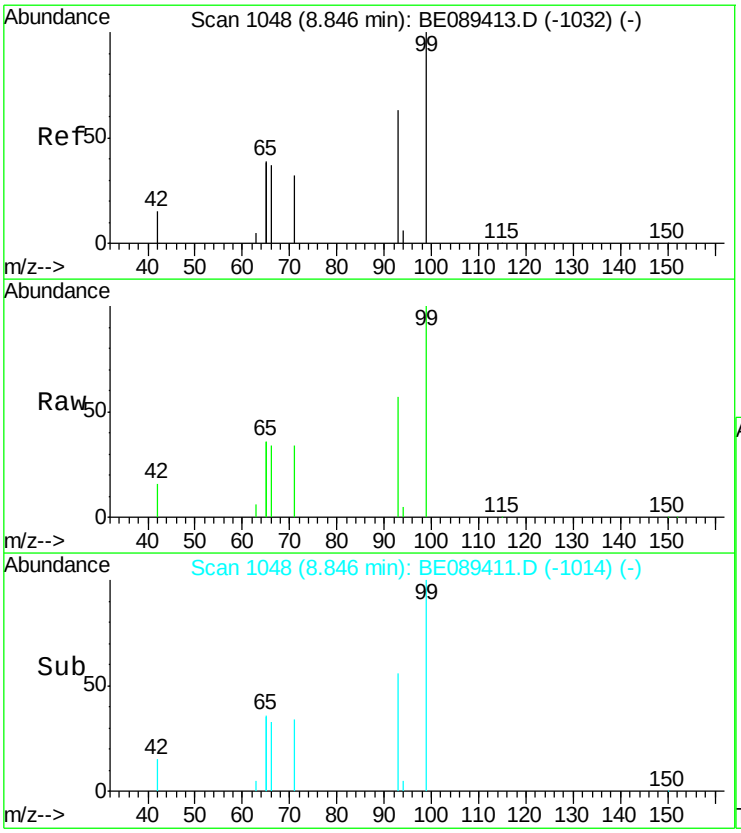
#3
2-Fluorophenol
Concen: 0.56 ng
RT: 6.74 min Scan# 787
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:112 Resp: 25757

Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.2	72.4
63	28.4	23.5	35.3

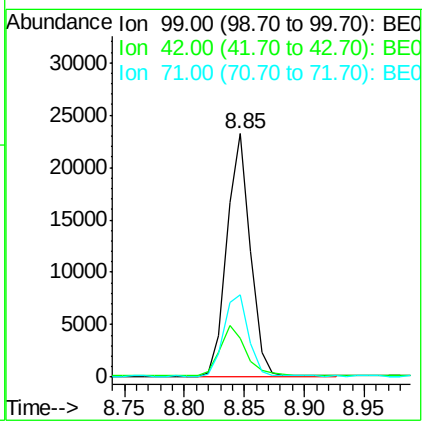


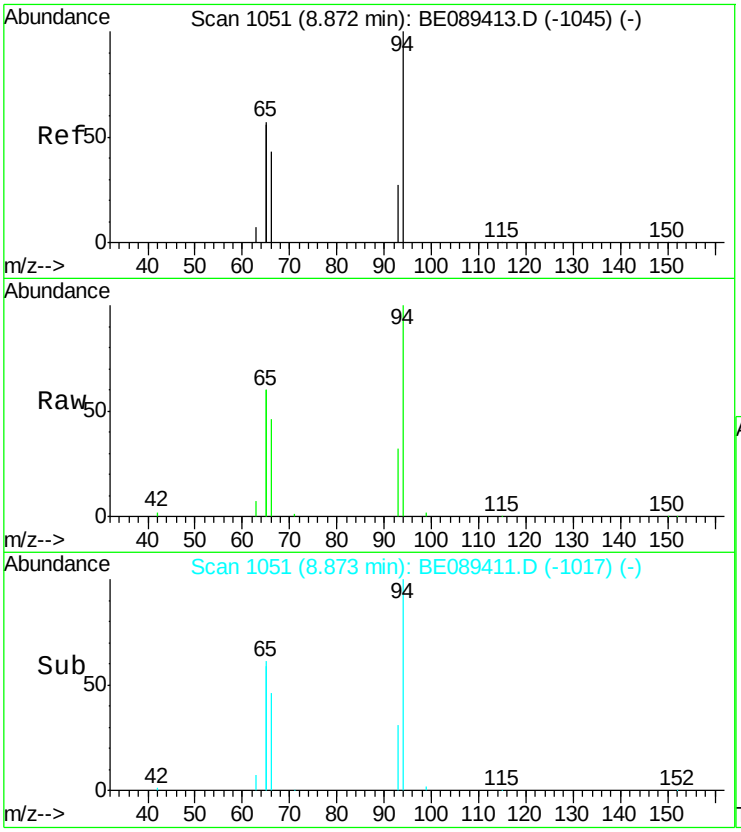


#4
Phenol-d6
Concen: 0.56 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion: 99 Resp: 31480

Ion	Ratio	Lower	Upper
99	100		
42	15.9	11.9	17.9
71	34.1	25.8	38.6



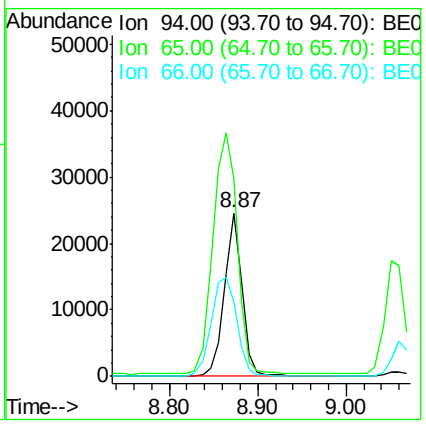


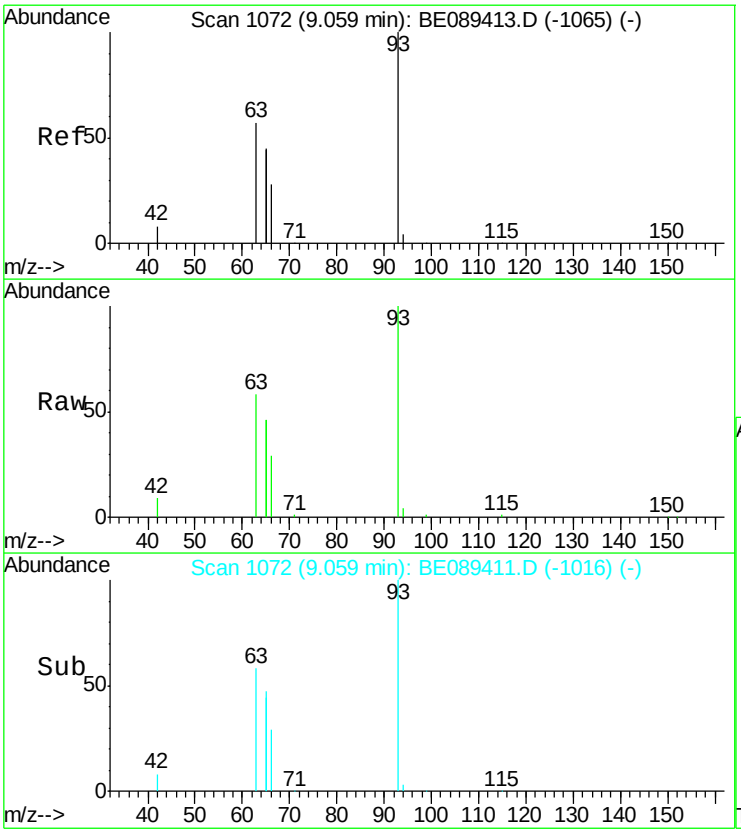
#5
Phenol
Concen: 0.58 ng
RT: 8.87 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion: 94 Resp: 34673

Ion	Ratio	Lower	Upper
94	100		
65	120.8	93.3	133.3
66	45.9	23.6	63.6

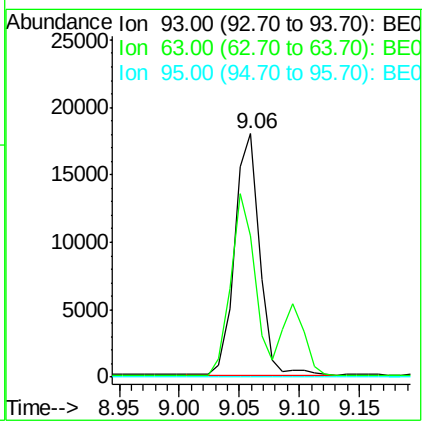


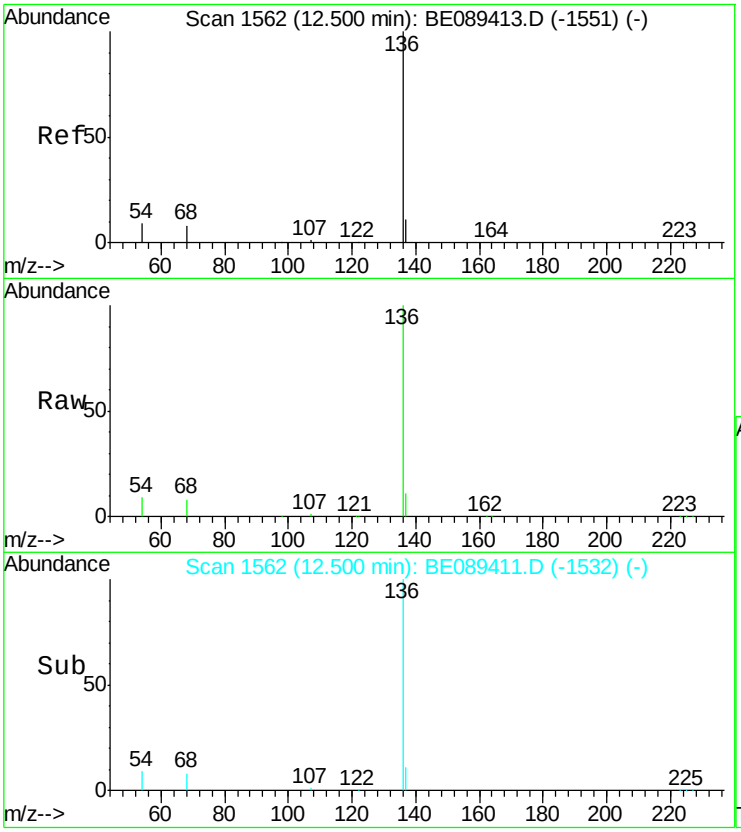


#6
bis(2-Chloroethyl)ether
Concen: 0.58 ng
RT: 9.06 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion: 93 Resp: 25745

Ion	Ratio	Lower	Upper
93	100		
63	74.0	58.6	88.0
95	0.0	0.0	0.0



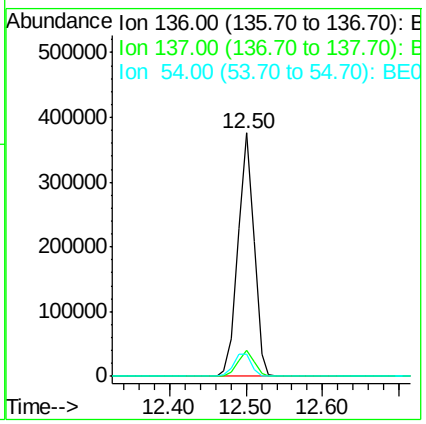


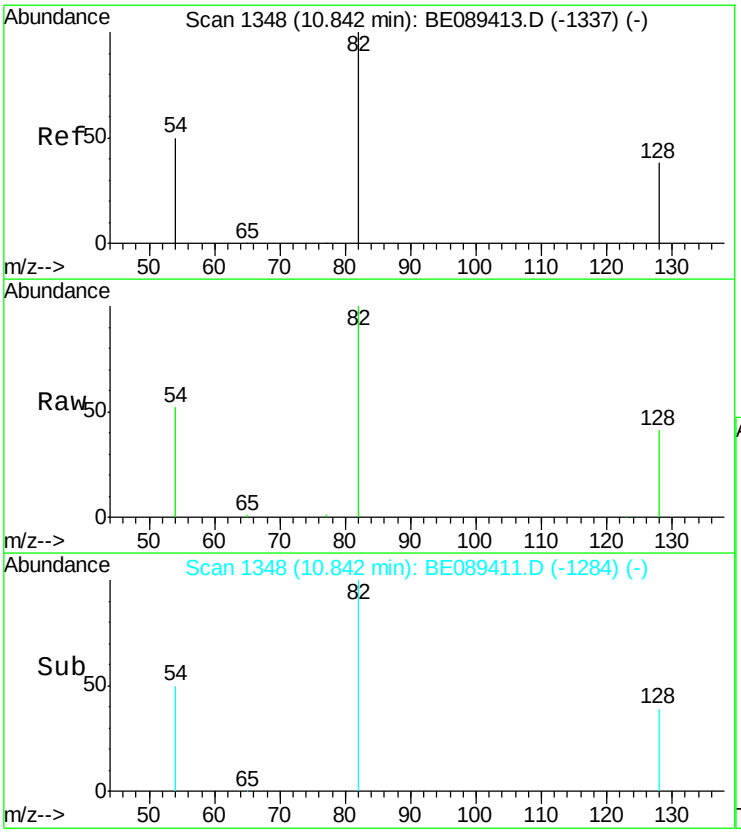
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.50 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 537656

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.0	7.5	11.3

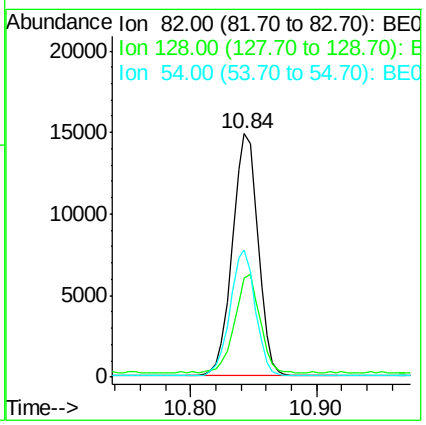


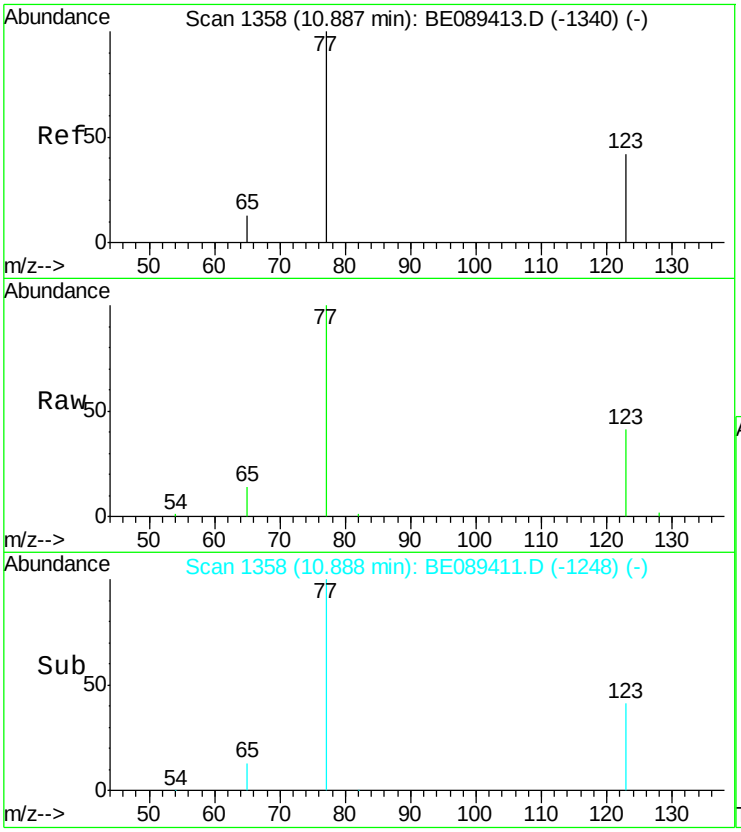


#8
Nitrobenzene-d5
Concen: 0.54 ng
RT: 10.84 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion: 82 Resp: 21000

Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.0	46.4
54	52.3	39.8	59.6



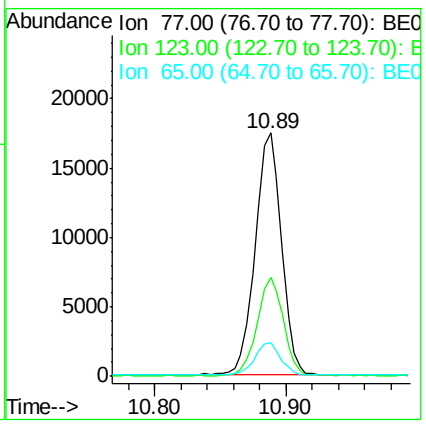


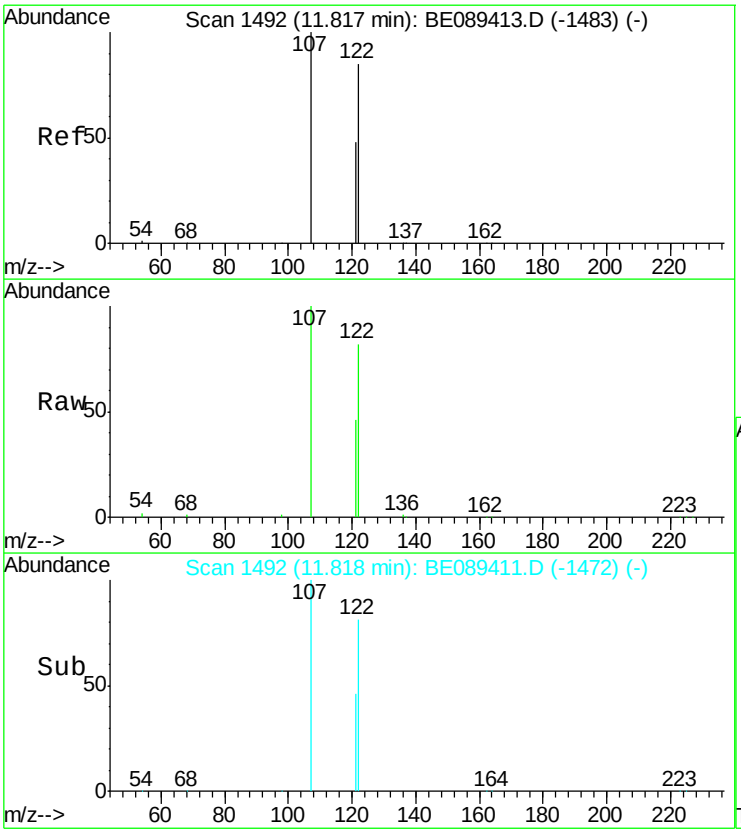
#9
Nitrobenzene
Concen: 0.56 ng
RT: 10.89 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion: 77 Resp: 24296

Ion	Ratio	Lower	Upper
77	100		
123	40.1	32.8	49.2
65	13.3	11.0	16.6

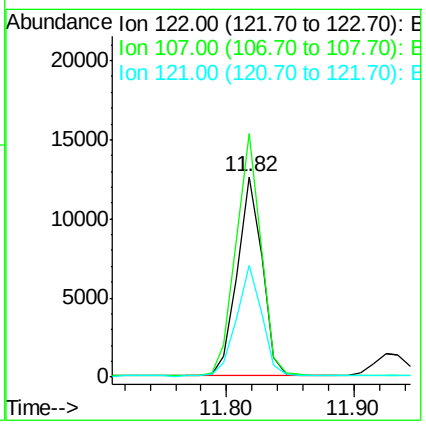


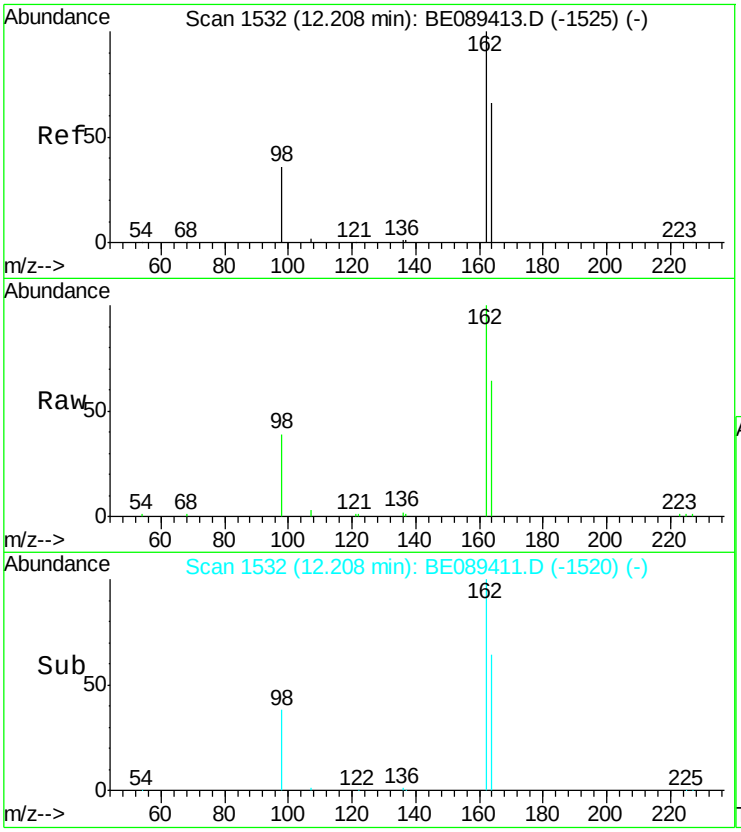


#10
2,4-Dimethylphenol
Concen: 0.52 ng
RT: 11.82 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:122 Resp: 17189

Ion	Ratio	Lower	Upper
122	100		
107	121.4	94.6	142.0
121	55.7	45.8	68.6



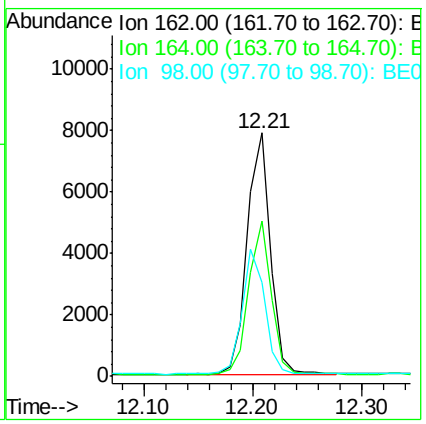


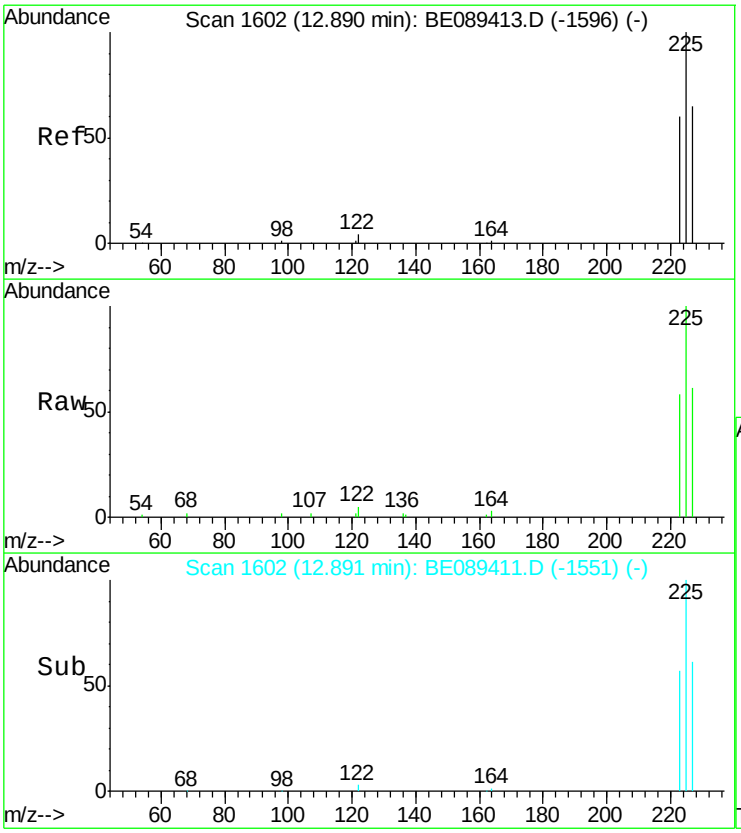
#11
2,4-Dichlorophenol
Concen: 0.46 ng
RT: 12.21 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:162 Resp: 11660

Ion	Ratio	Lower	Upper
162	100		
164	63.7	46.1	86.1
98	38.7	16.2	56.2

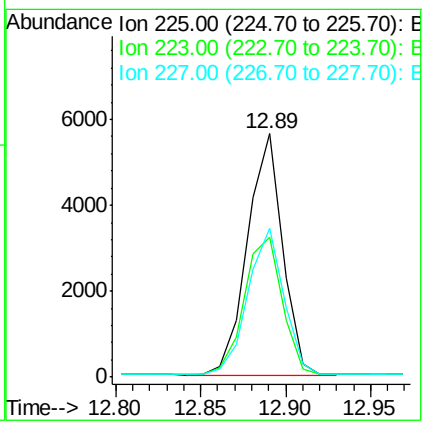


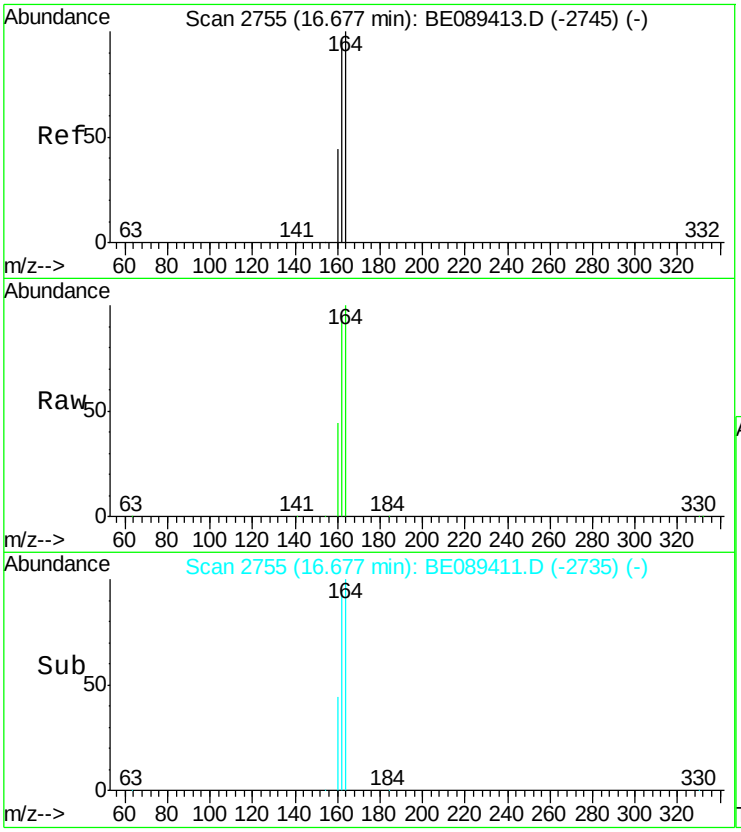


#12
Hexachlorobutadiene
Concen: 0.45 ng
RT: 12.89 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:225 Resp: 8037

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.4	75.6
227	62.1	50.2	75.2



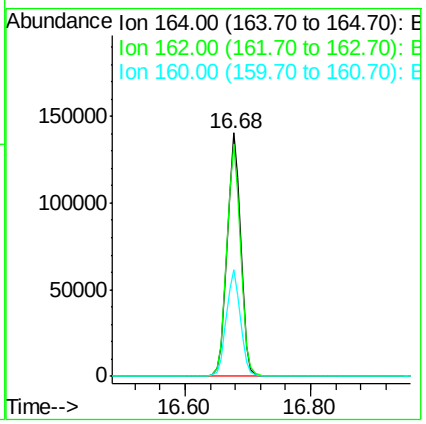


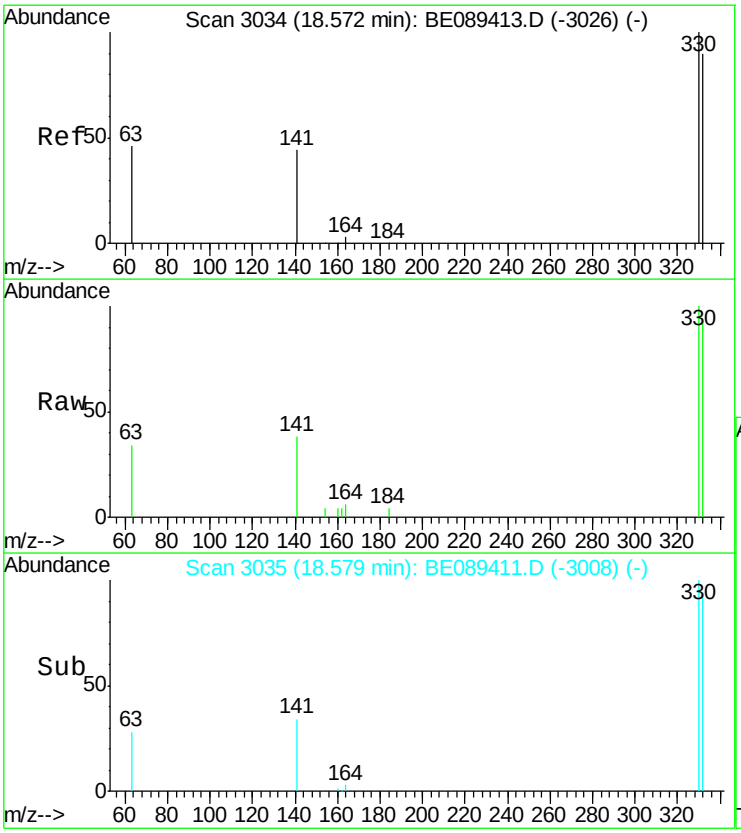
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:164 Resp: 211174

Ion	Ratio	Lower	Upper
164	100		
162	95.3	77.0	115.6
160	43.9	35.0	52.4

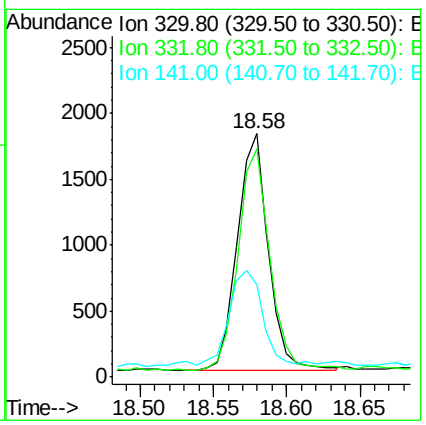


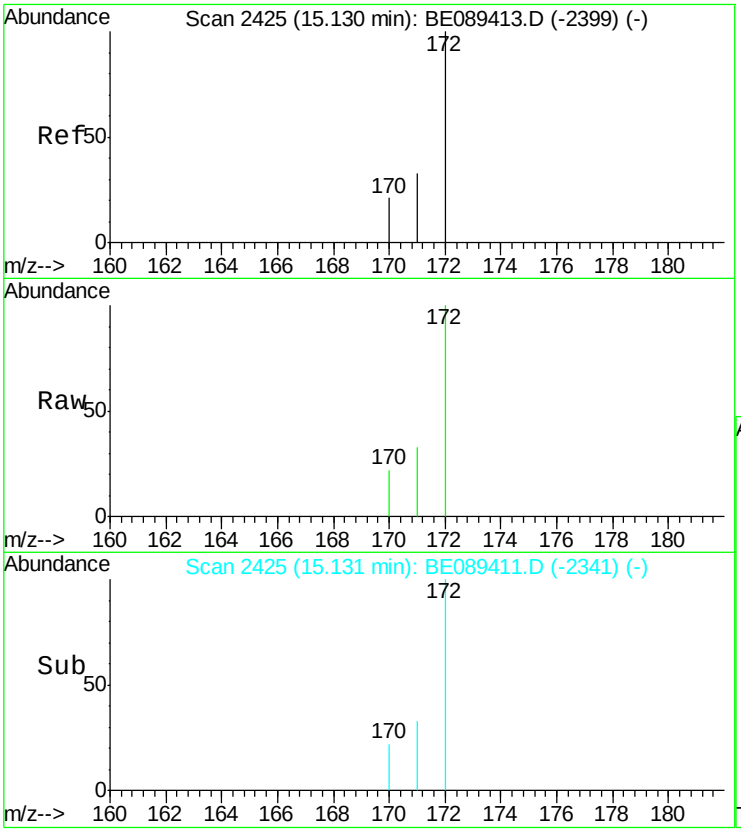


#14
2,4,6-Tribromophenol
Concen: 0.54 ng
RT: 18.58 min Scan# 3035
Delta R.T. 0.01 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:330 Resp: 2660

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.0	114.0
141	44.7	35.6	53.4



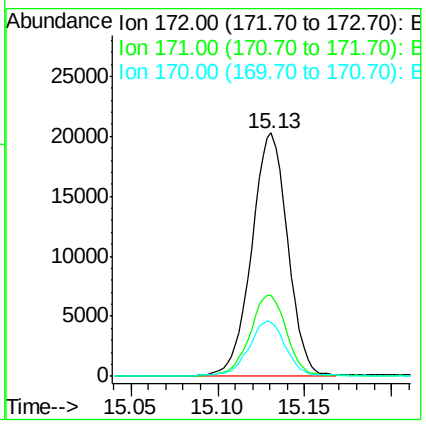


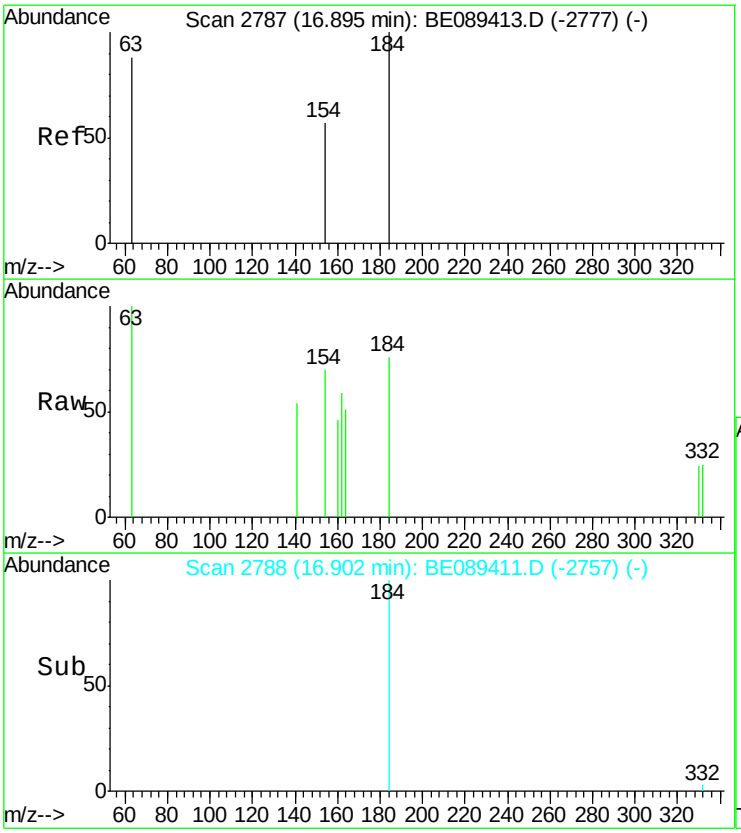
#15
2-Fluorobiphenyl
Concen: 0.46 ng
RT: 15.13 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 29006

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.6	39.8
170	22.5	17.1	25.7

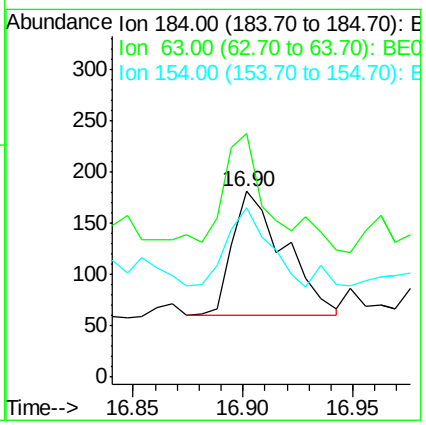


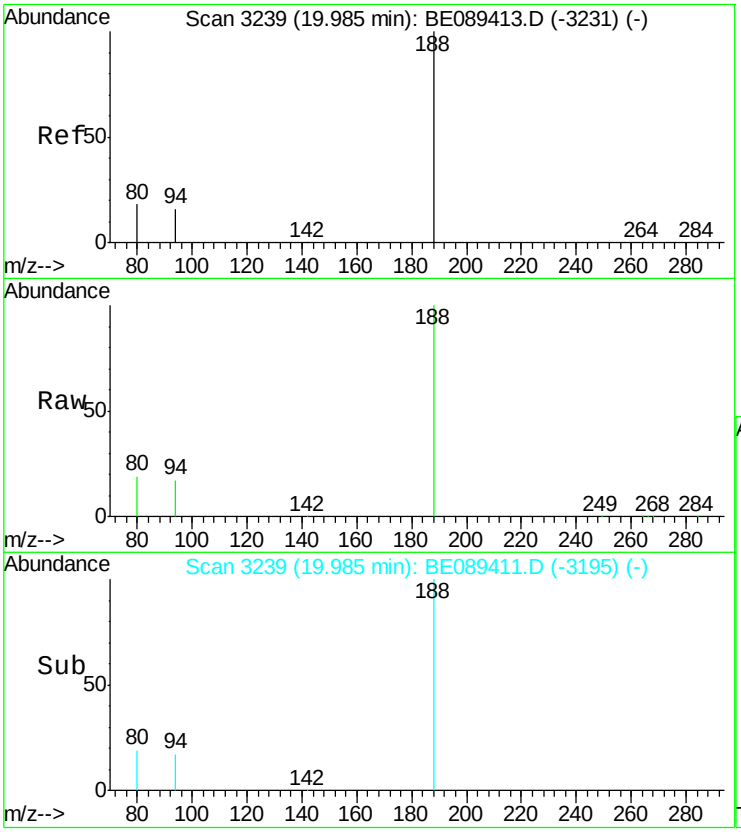


#16
2,4-Dinitrophenol
Concen: 0.14 ng
RT: 16.90 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:184 Resp: 201

Ion	Ratio	Lower	Upper
184	100		
63	130.9	79.0	118.4#
154	91.2	55.8	83.6#



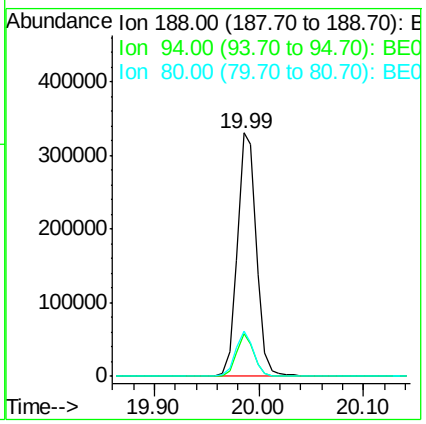


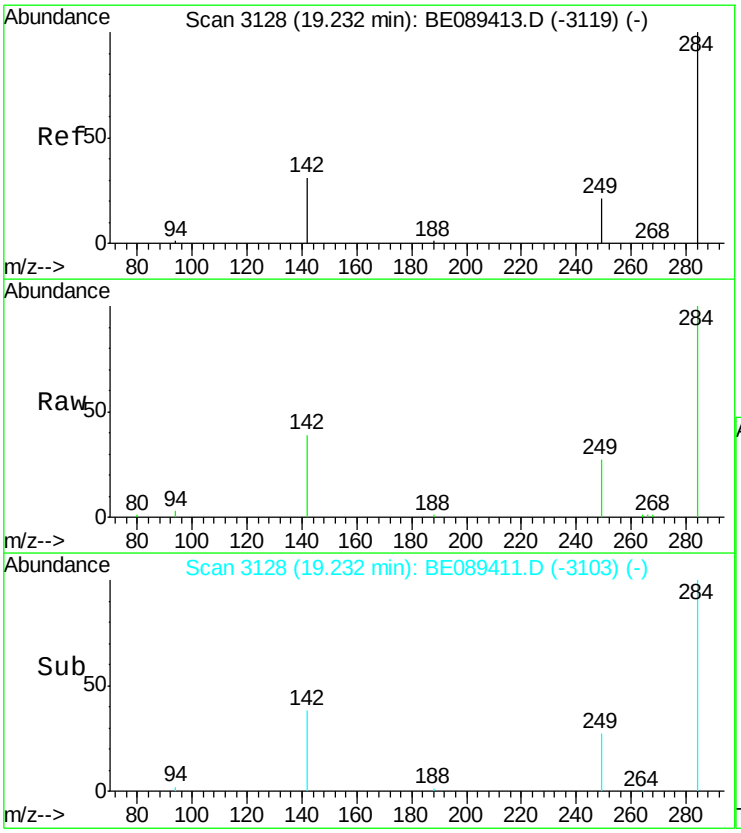
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 420156

Ion	Ratio	Lower	Upper
188	100		
94	17.3	13.0	19.6
80	18.8	14.2	21.4

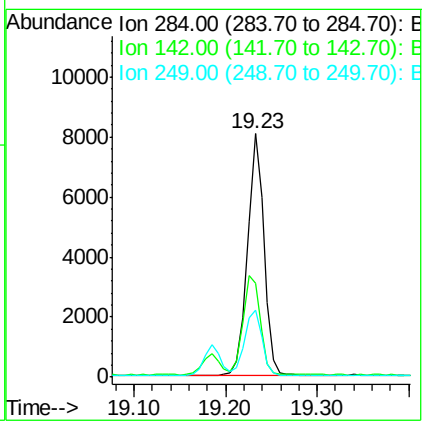


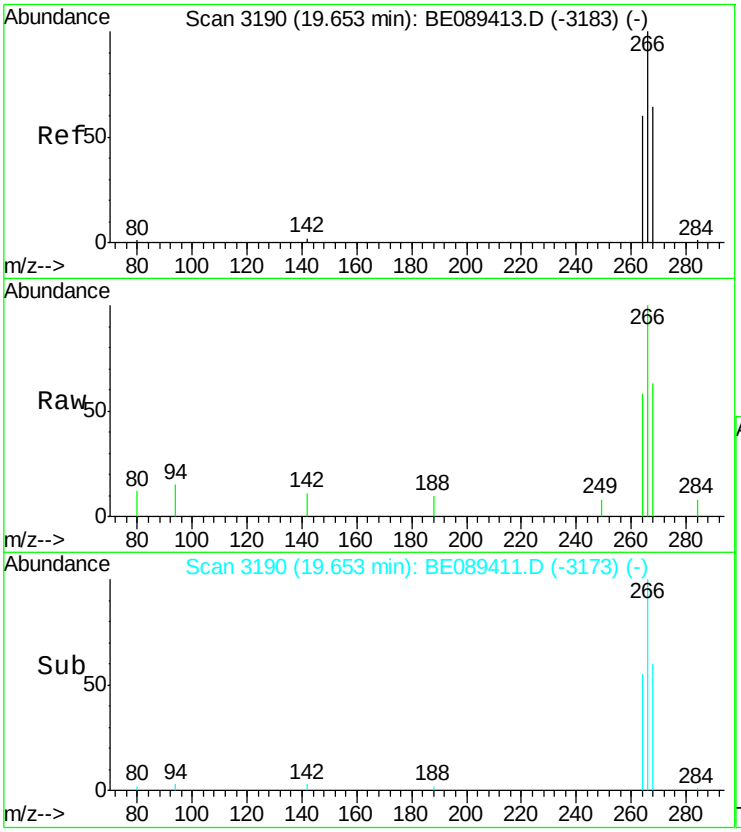


#18
Hexachlorobenzene
Concen: 0.52 ng
RT: 19.23 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:284 Resp: 10150

Ion	Ratio	Lower	Upper
284	100		
142	38.6	28.3	42.5
249	27.3	19.9	29.9



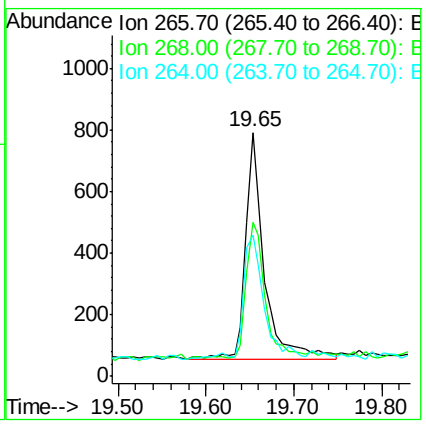


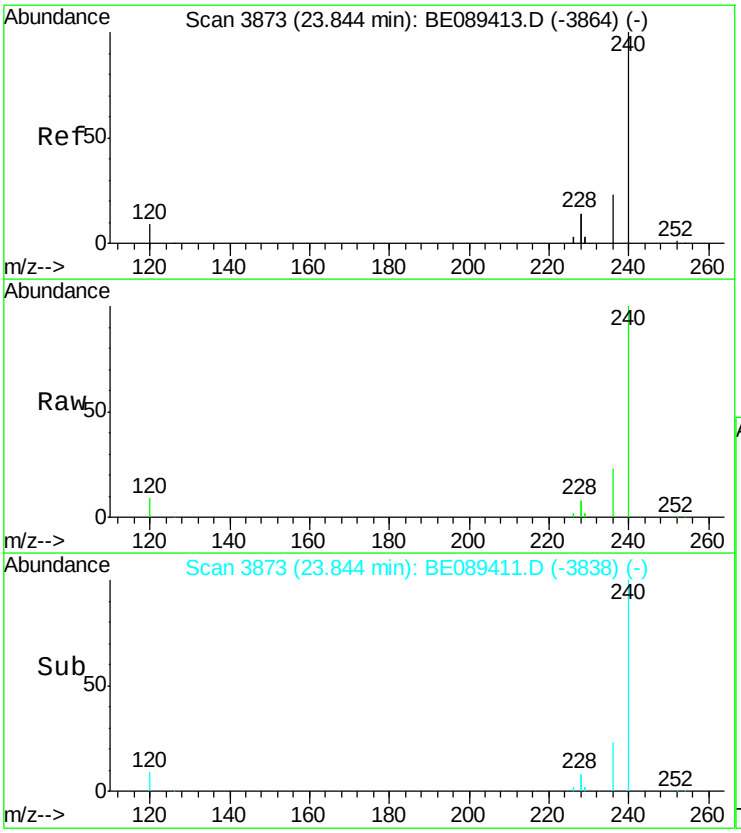
#19
Pentachlorophenol
Concen: 0.29 ng
RT: 19.65 min Scan# 3190
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:266 Resp: 1101

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.9	77.9
264	57.9	48.5	72.7

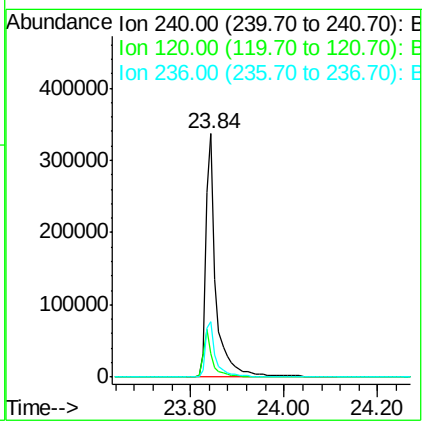


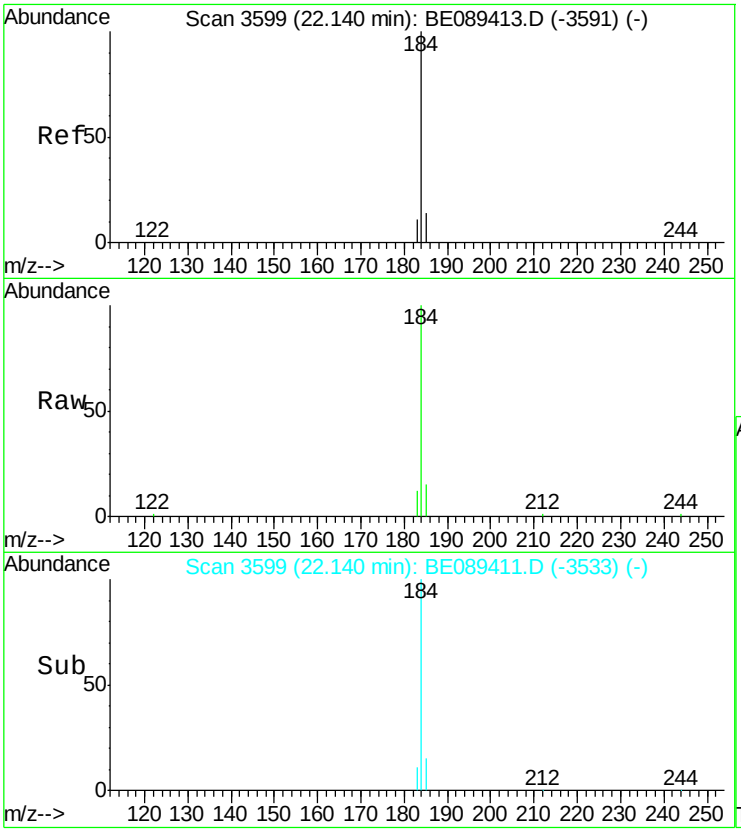


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:240 Resp: 516859

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.9	10.3
236	22.8	18.2	27.2



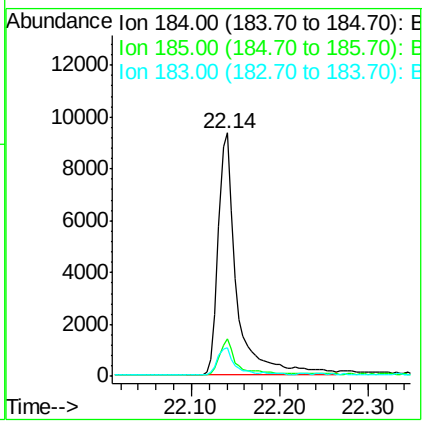


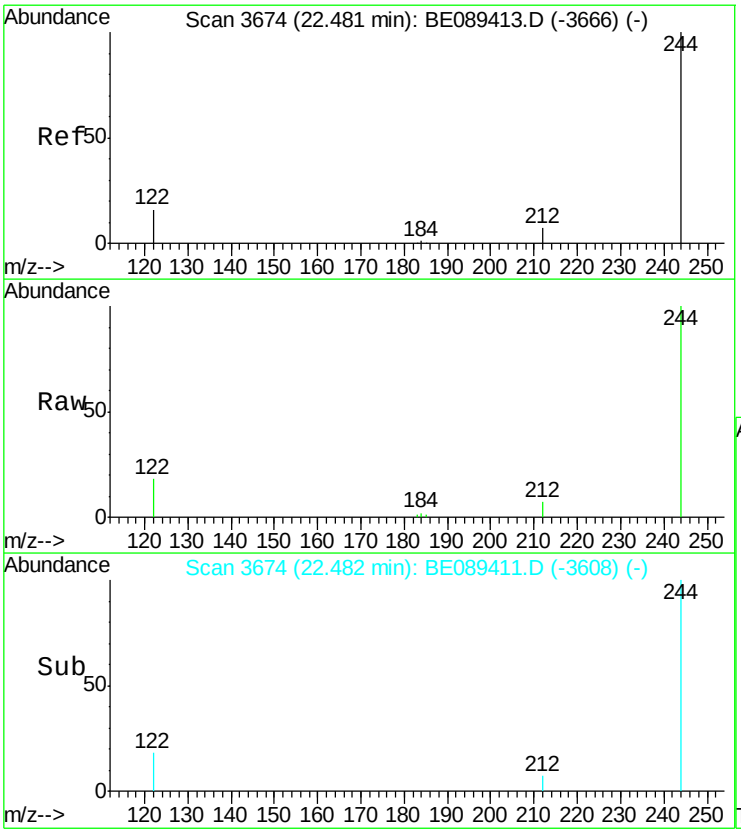
#21
Benzidine
Concen: 0.32 ng
RT: 22.14 min Scan# 3599
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:184 Resp: 13445

Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.0	16.6
183	11.8	8.6	13.0

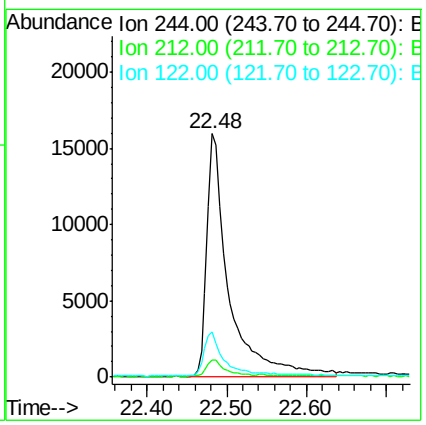


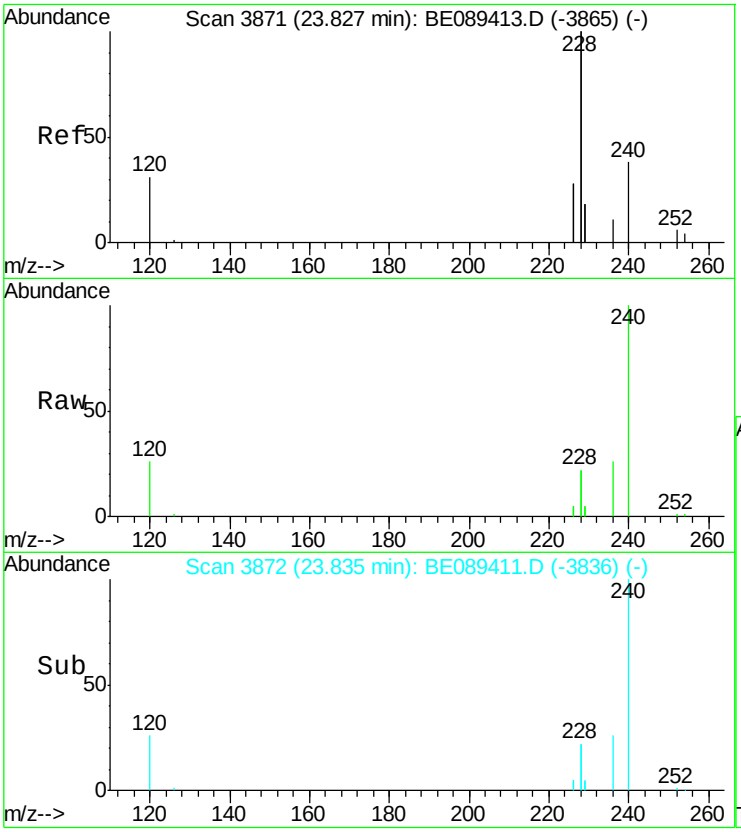


#22
Terphenyl-d14
Concen: 0.53 ng
RT: 22.48 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:244 Resp: 30012

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	18.4	13.2	19.8



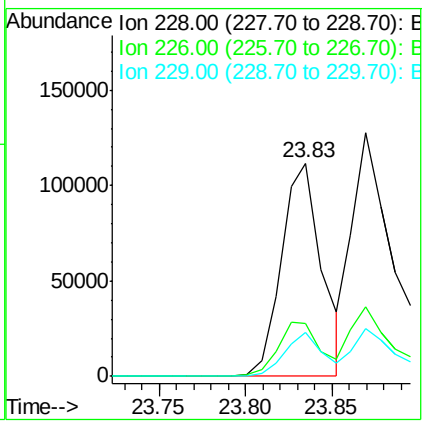


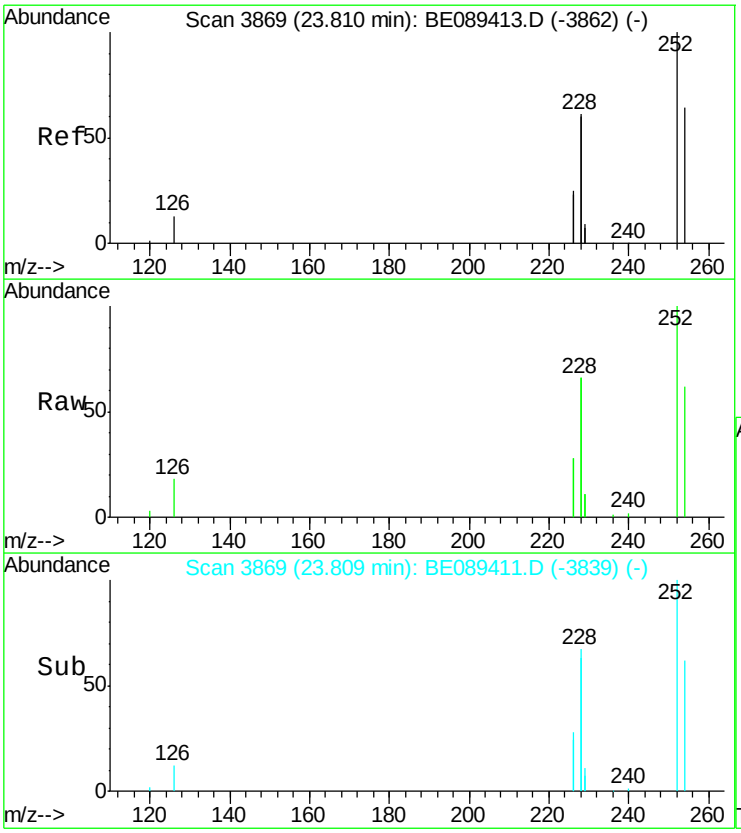
#23
Benzo(a)anthracene
Concen: 0.39 ng
RT: 23.83 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 180998

Ion	Ratio	Lower	Upper
228	100		
226	24.6	22.6	33.8
229	20.7	14.5	21.7

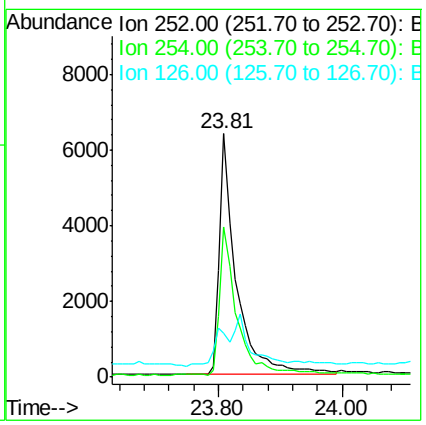


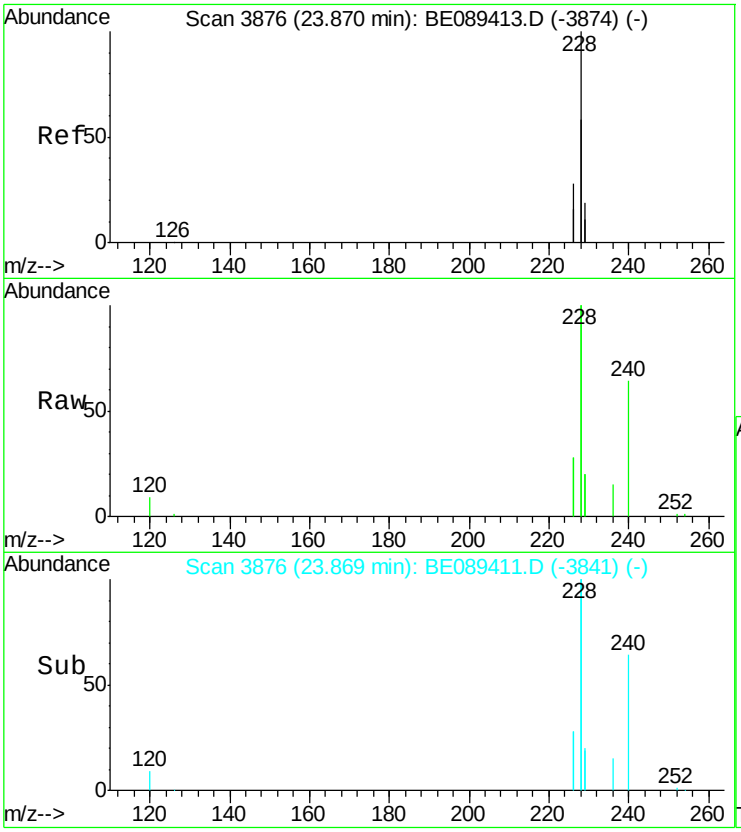


#24
3,3'-Dichlorobenzidine
Concen: 0.32 ng
RT: 23.81 min Scan# 3869
Delta R.T. -0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:252 Resp: 12102

Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.1	76.7
126	18.0	11.5	17.3#



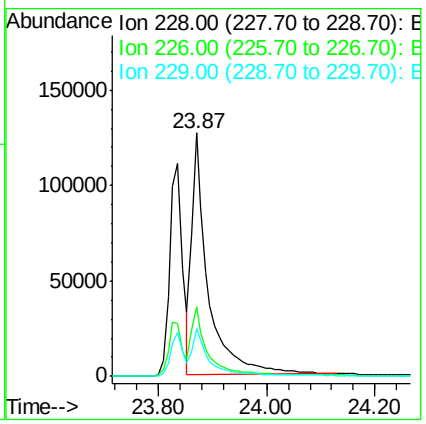


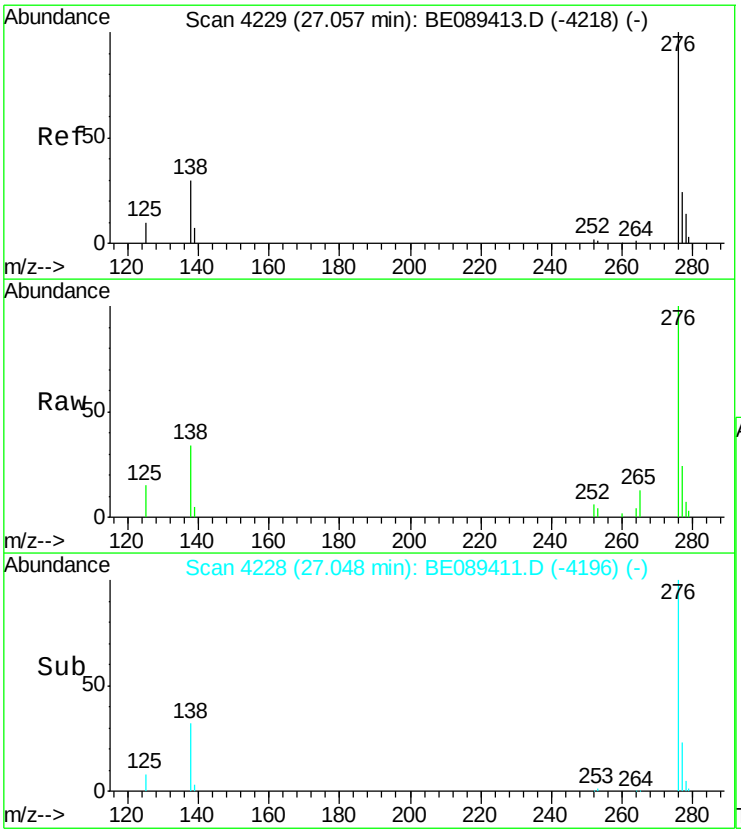
#25
Chrysene
Concen: 0.46 ng
RT: 23.87 min Scan# 3876
Delta R.T. -0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 266794

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.6	15.5	23.3

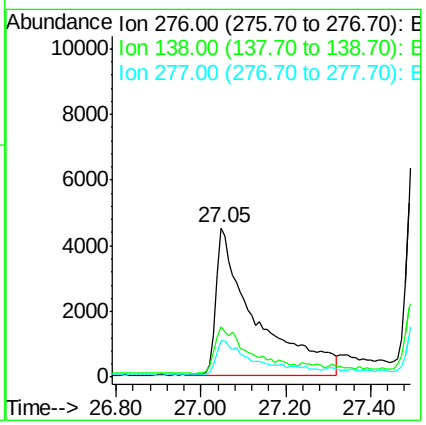


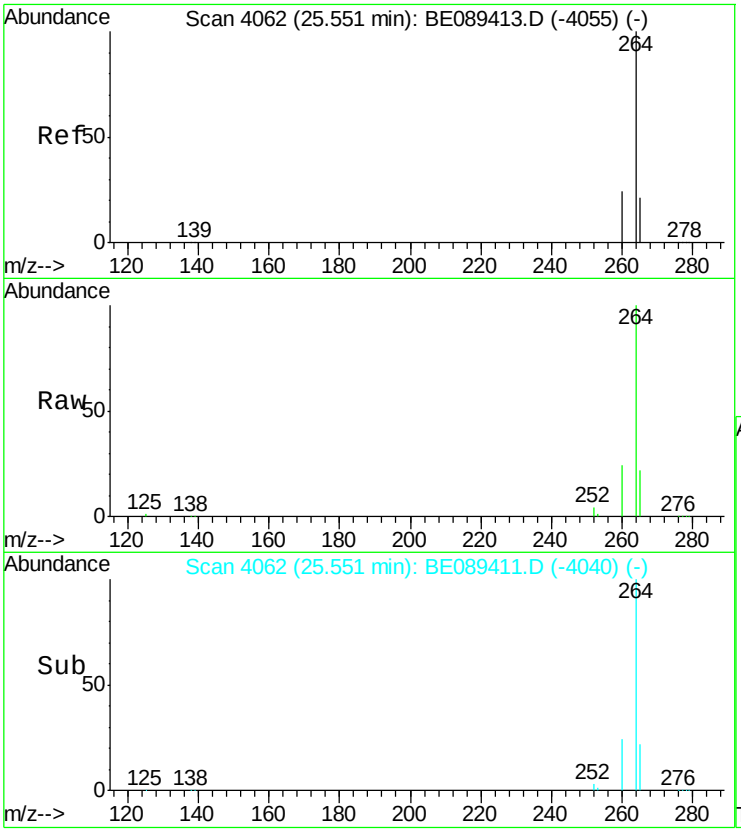


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng
RT: 27.05 min Scan# 4228
Delta R.T. -0.01 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:276 Resp: 28652

Ion	Ratio	Lower	Upper
276	100		
138	29.6	0.0	0.0#
277	17.9	0.0	0.0#



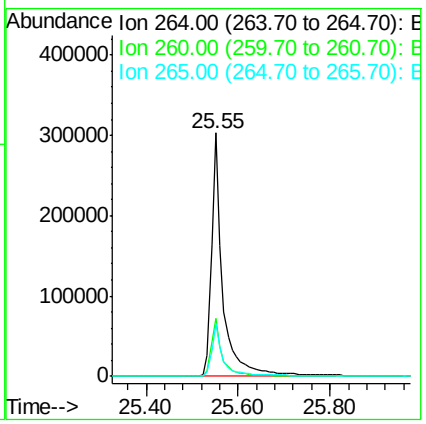


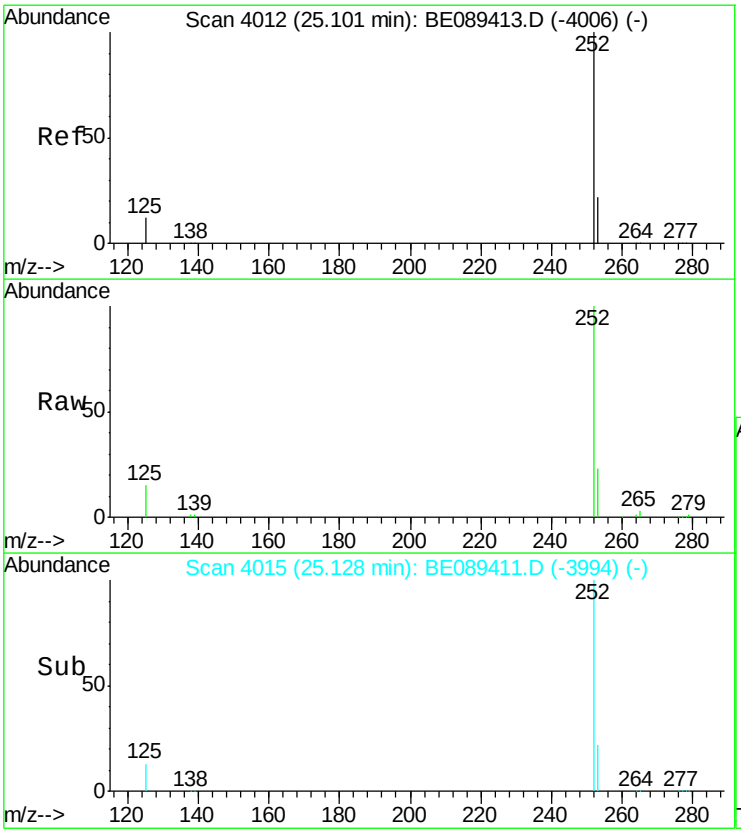
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.55 min Scan# 4062
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 523057

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.7	17.1	25.7

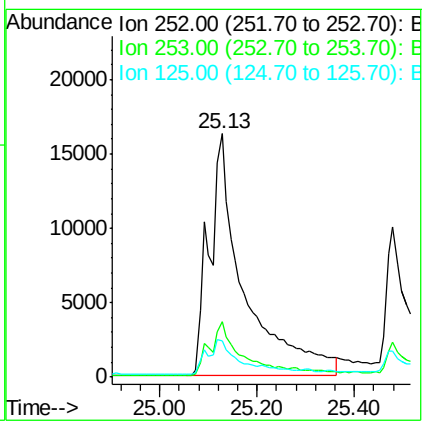


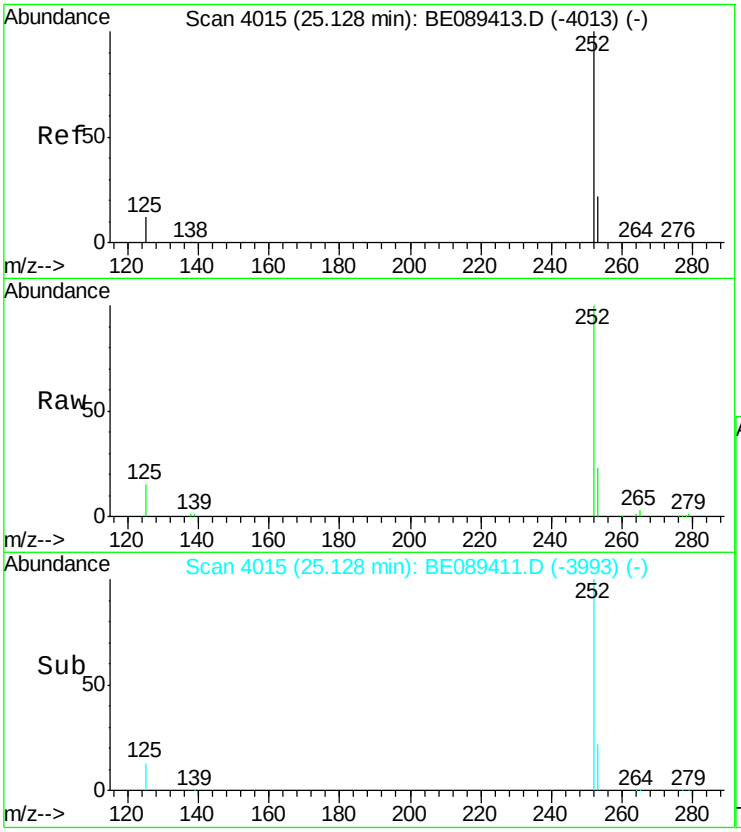


#28
Benzo(b)fluoranthene
Concen: 1.22 ng
RT: 25.13 min Scan# 4015
Delta R.T. 0.03 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:252 Resp: 81163

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	14.7	10.5	15.7



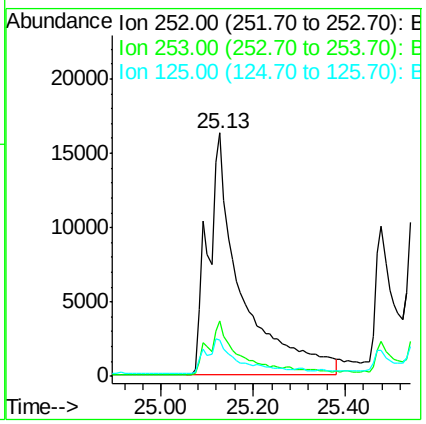


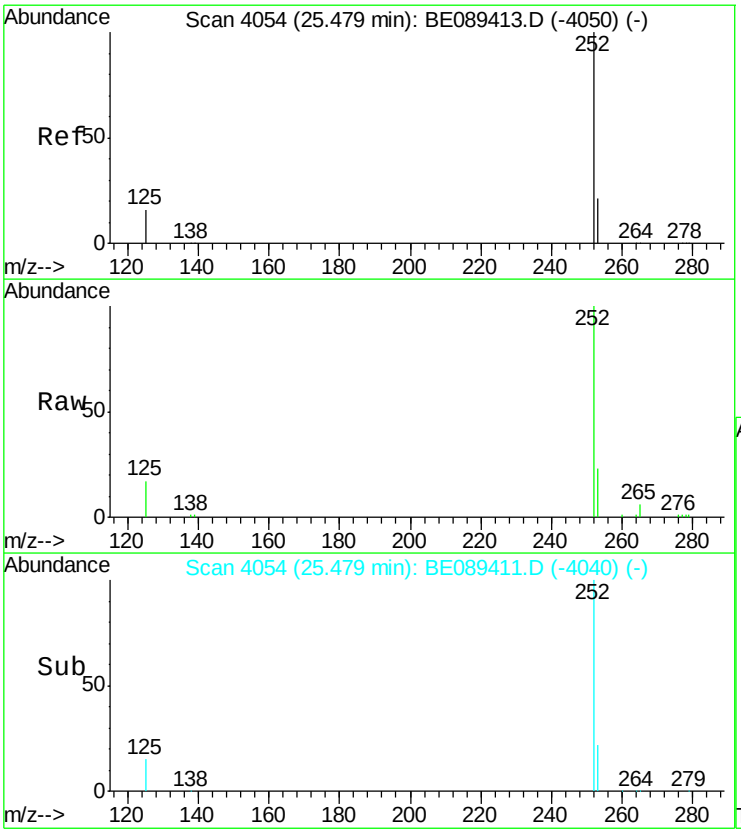
#29
Benzo(k)fluoranthene
Concen: 0.55 ng
RT: 25.13 min Scan# 4015
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 82316

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	14.7	11.0	16.6

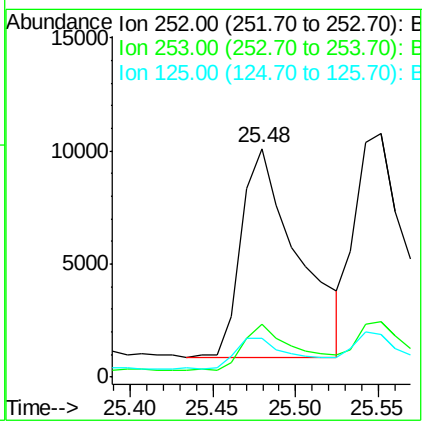


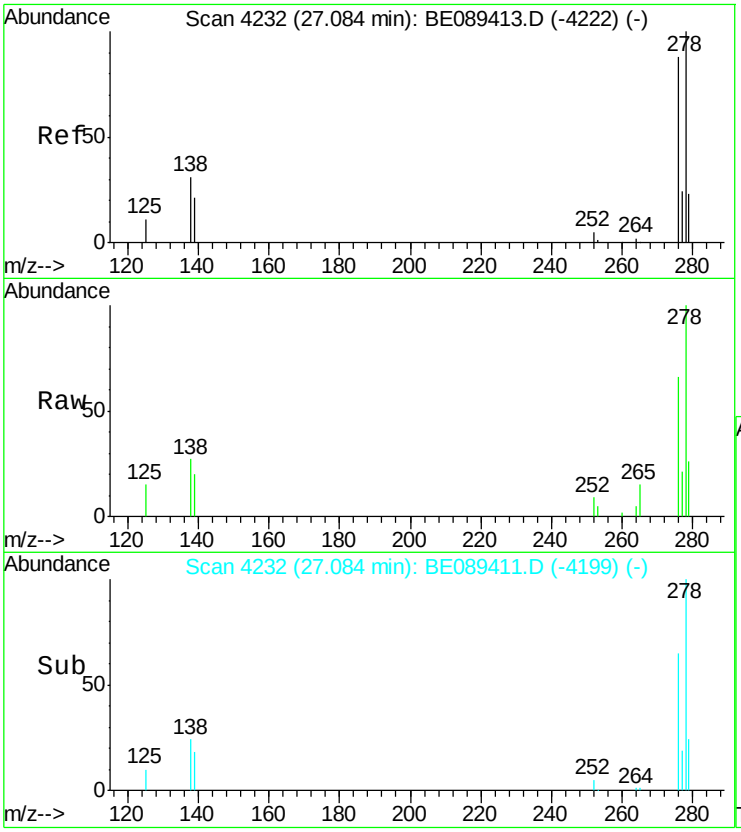


#30
Benzo(a)pyrene
Concen: 0.27 ng
RT: 25.48 min Scan# 4054
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Tgt Ion:252 Resp: 21851

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	17.0	13.0	19.6





#31
Dibenzo(a,h)anthracene
Concen: 0.24 ng
RT: 27.08 min Scan# 4232
Delta R.T. 0.00 min
Lab File: BE089411.D
Acq: 29 Jan 2015 12:02

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:278 Resp: 20005

Ion	Ratio	Lower	Upper
278	100		
139	20.1	17.2	25.8
279	25.7	19.2	28.8