Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
Data File : BE089409.D
Acq On : 29 Jan 2015 10:44
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.1

Quant Time: Jan 30 02:43:18 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	152034	5.00	ng		0.00
7) Naphthalene-d8	12.50	136	588912	5.00	ng		0.00
13) Acenaphthene-d10	16.68	164	265549	5.00	ng		0.00
17) Phenanthrene-d10	19.99	188	494933	5.00	ng		0.00
20) Chrysene-d12	23.84	240	602297	5.00	ng		0.00
27) Perylene-d12	25.55	264	645922	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.74	112	6961	0.14	ng		0.00
4) Phenol-d6	8.85	99	8411	0.14	ng		0.00
8) Nitrobenzene-d5	10.84	82	5365	0.13	ng		0.00
14) 2,4,6-Tribromophenol	18.58	330	670	0.11	ng		0.00
15) 2-Fluorobiphenyl	15.13	172	7683	0.10	ng		0.00
22) Terphenyl-d14	22.48	244	7577	0.11	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.63	42	2392	0.09	ng	#	1
5) Phenol	8.87	94	9068	0.14	ng	#	77
6) bis(2-Chloroethyl)ether	9.06	93	6869	0.15	ng	#	96
9) Nitrobenzene	10.89	77	6006	0.13	ng		99
10) 2,4-Dimethylphenol	11.82	122	4495	0.12	ng		95
11) 2,4-Dichlorophenol	12.21	162	3132	0.11	ng		92
12) Hexachlorobutadiene	12.89	225	2119	0.11	ng		97
18) Hexachlorobenzene	19.23	284	2817	0.12	ng	#	90
19) Pentachlorophenol	19.66	266	350	0.08	ng	#	84
21) Benzidine	22.14	184	13665	0.28	ng		99
23) Benzo(a)anthracene	23.87	228	68800	0.13	ng		96
24) 3,3'-Dichlorobenzidine	23.81	252	2962	0.07	ng	#	94
25) Chrysene	23.87	228	70535	0.10	ng		97
26) Indeno(1,2,3-cd)pyrene	27.05	276	5007	0.03	ng	#	100
28) Benzo(b)fluoranthene	25.09	252	3955	0.05	ng	#	84
29) Benzo(k)fluoranthene	25.12	252	7008	0.04	ng	#	88
30) Benzo(a)pyrene	25.48	252	4481	0.05	ng	#	86
31) Dibenzo(a,h)anthracene	27.08	278	3442	0.03	ng	#	90

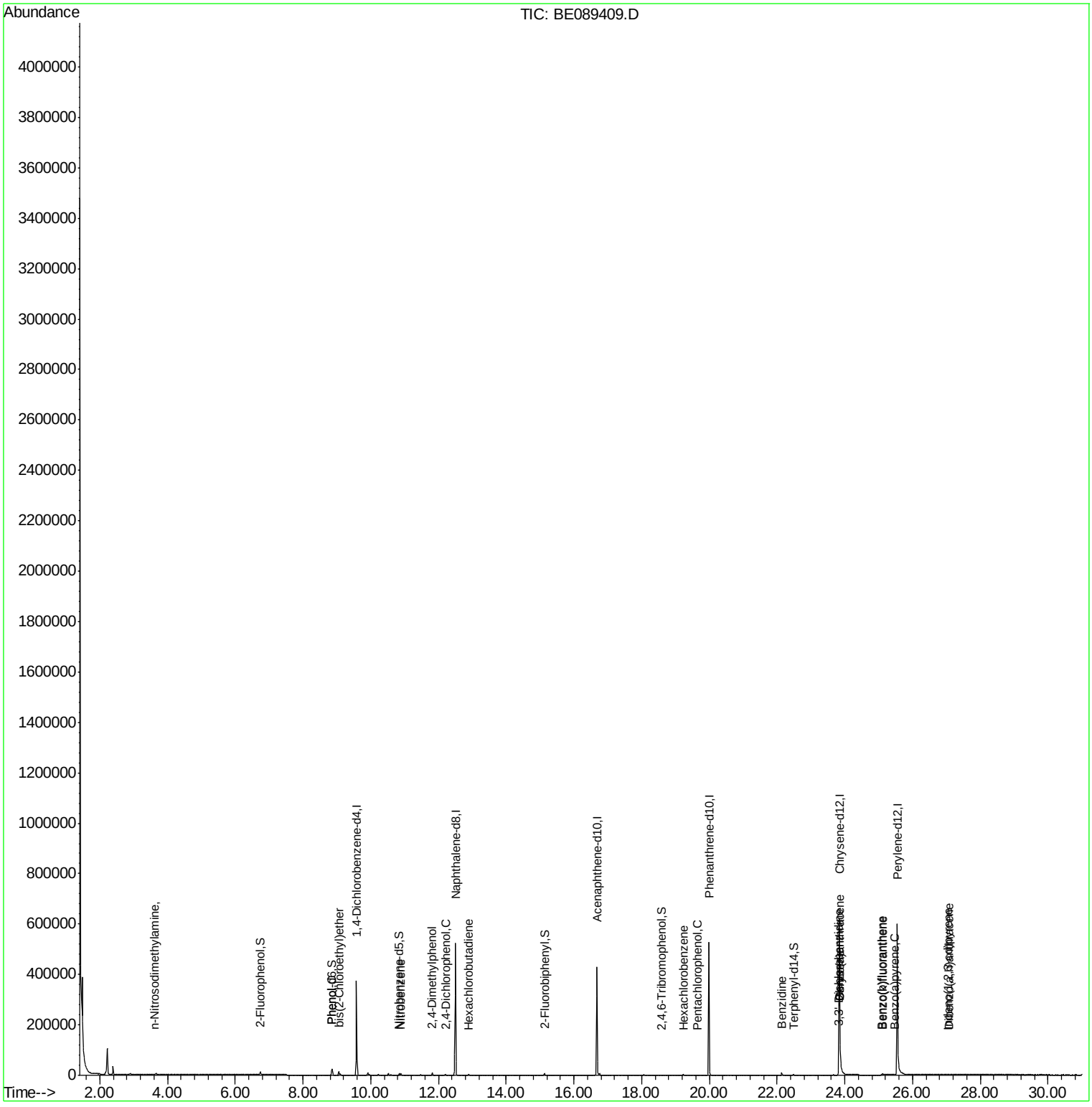
(#) = qualifier out of range (m) = manual integration (+) = signals summed

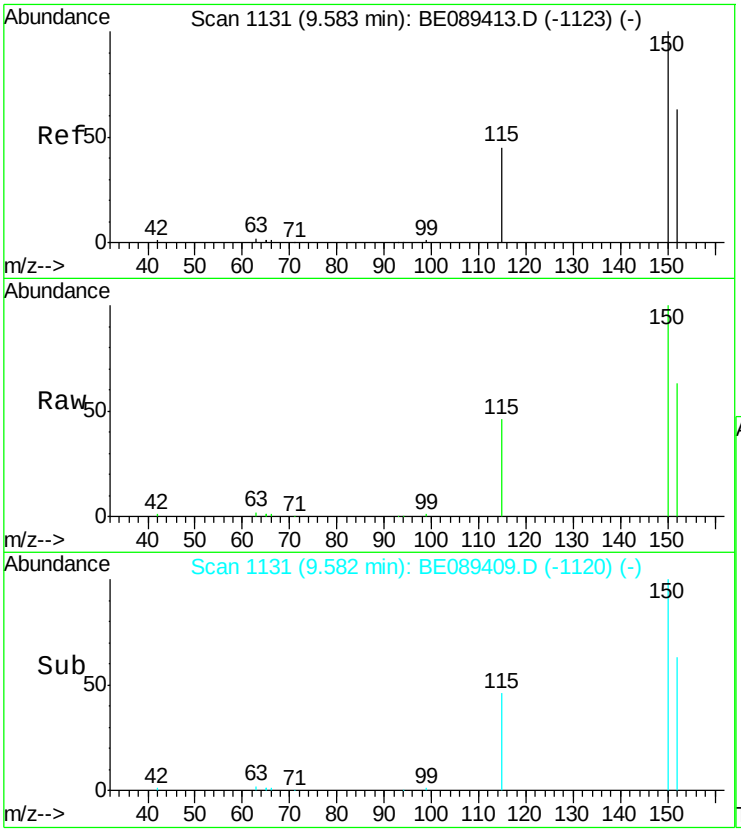
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
Data File : BE089409.D
Acq On : 29 Jan 2015 10:44
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Quant Time: Jan 30 02:43:18 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



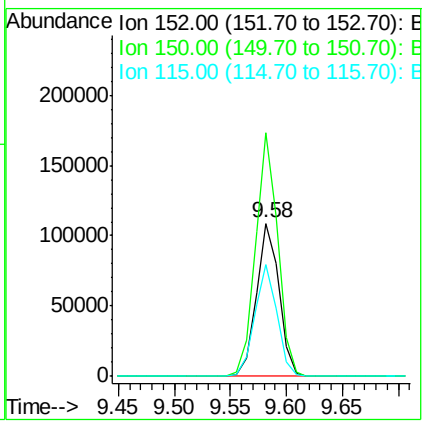


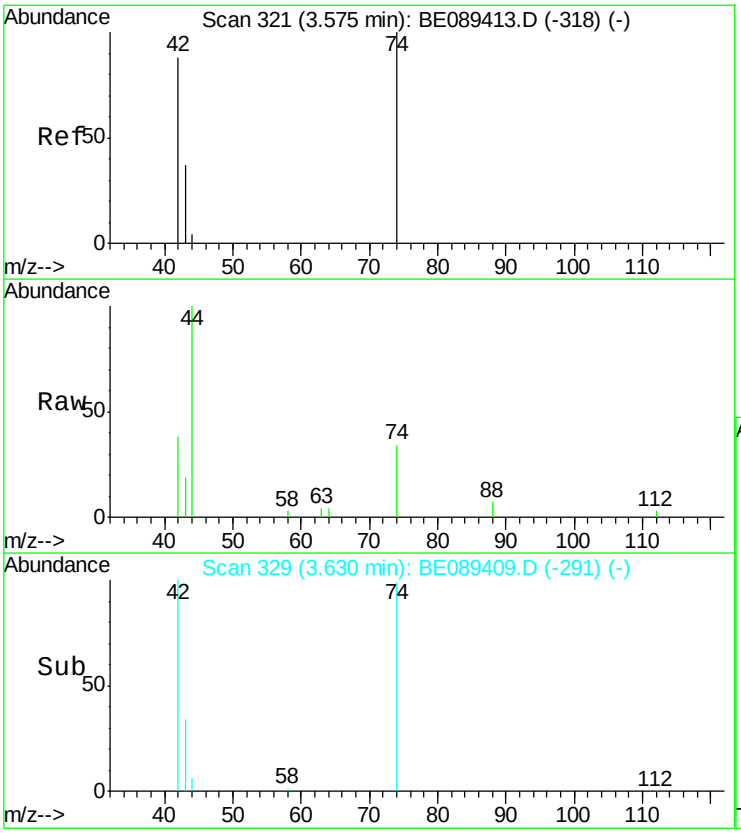
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 152034

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.1	189.1
115	72.9	57.1	85.7

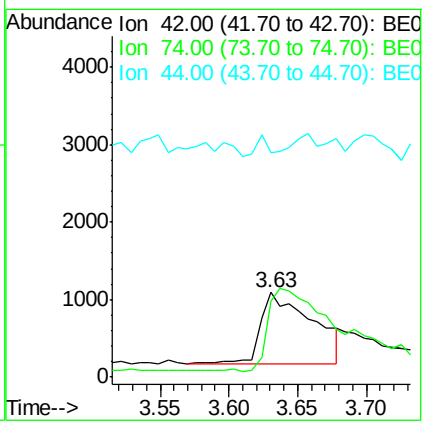


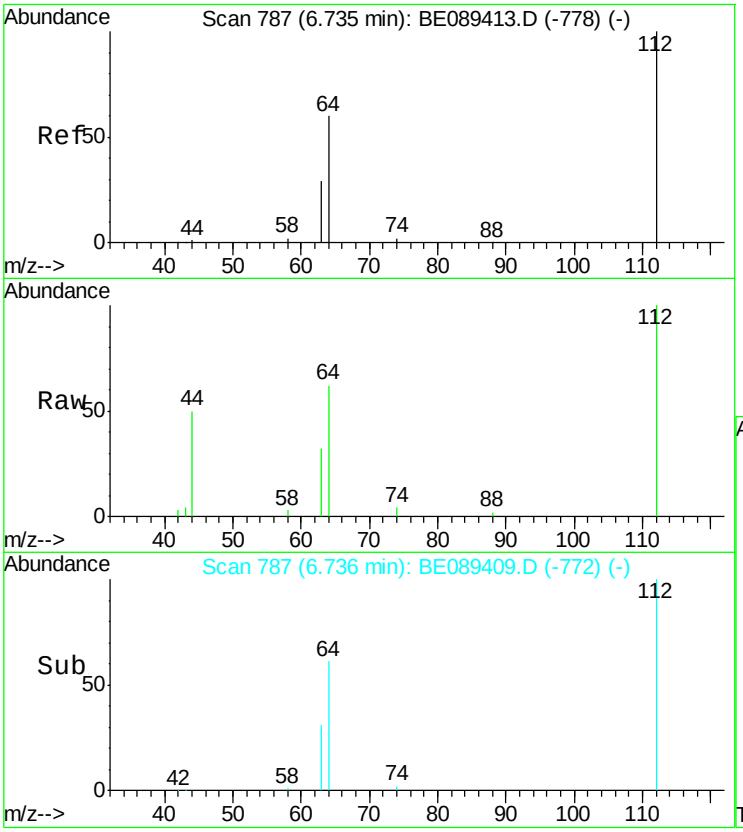


#2
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.63 min Scan# 329
Delta R.T. 0.06 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion: 42 Resp: 2392

Ion	Ratio	Lower	Upper
42	100		
74	89.9	90.2	135.2#
44	264.3	19.4	29.2#



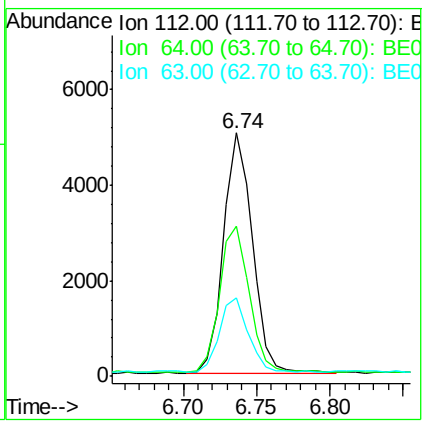


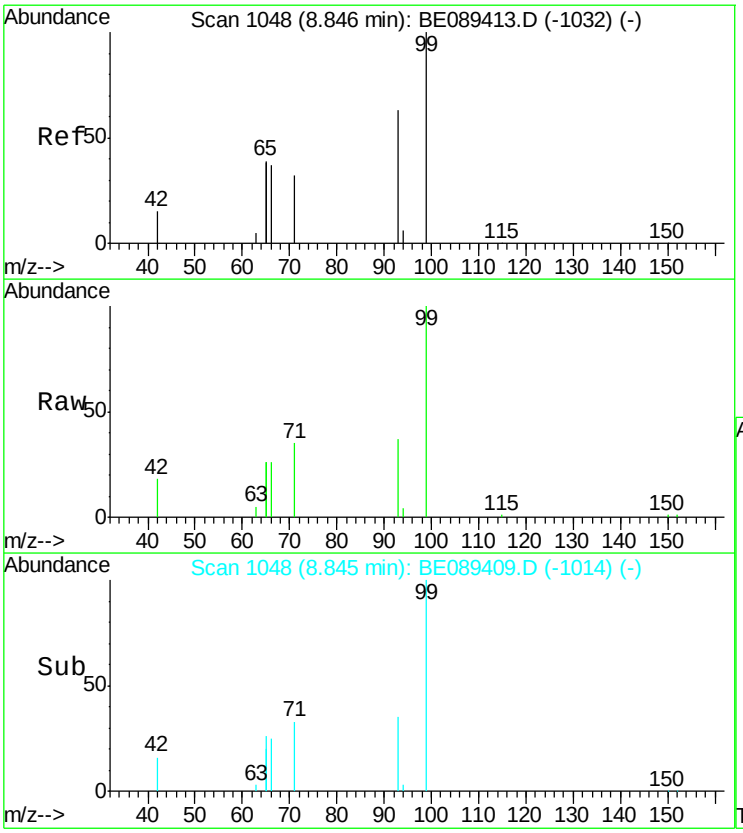
#3
2-Fluorophenol
Concen: 0.14 ng
RT: 6.74 min Scan# 787
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:112 Resp: 6961

Ion	Ratio	Lower	Upper
112	100		
64	61.8	48.2	72.4
63	32.5	23.5	35.3

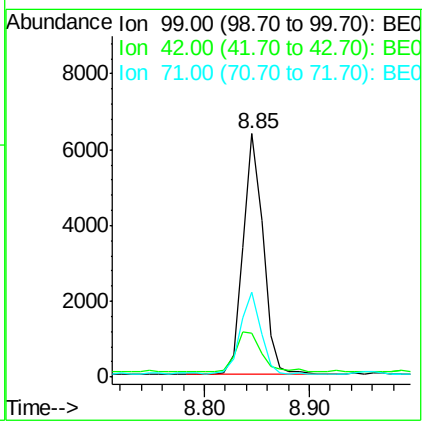


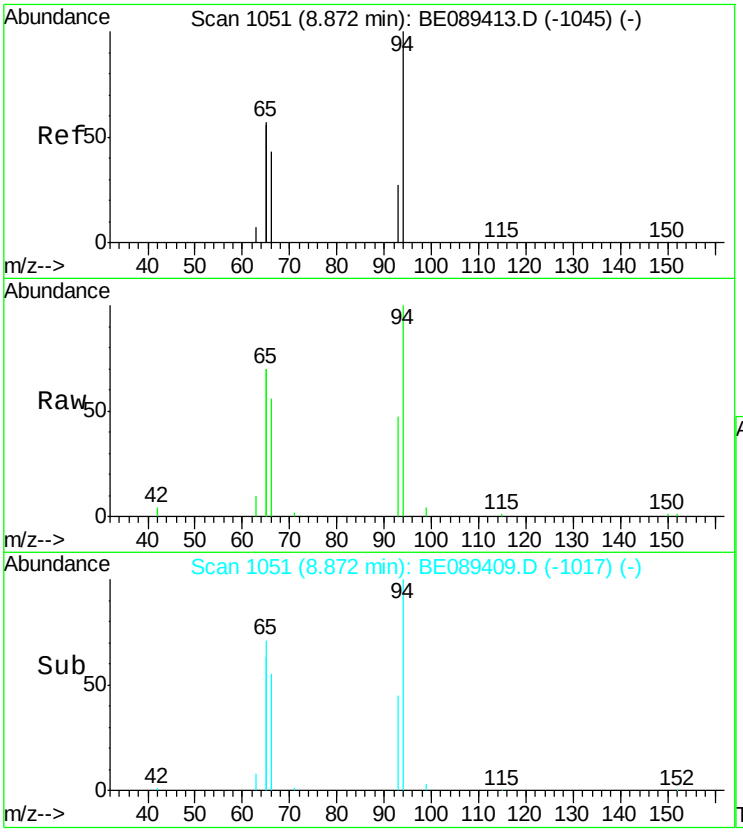


#4
Phenol-d6
Concen: 0.14 ng
RT: 8.85 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion: 99 Resp: 8411

Ion	Ratio	Lower	Upper
99	100		
42	18.1	11.9	17.9#
71	34.7	25.8	38.6



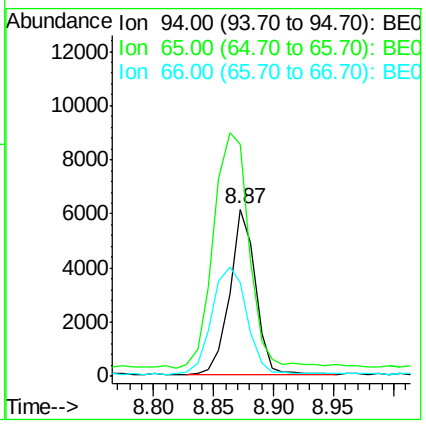


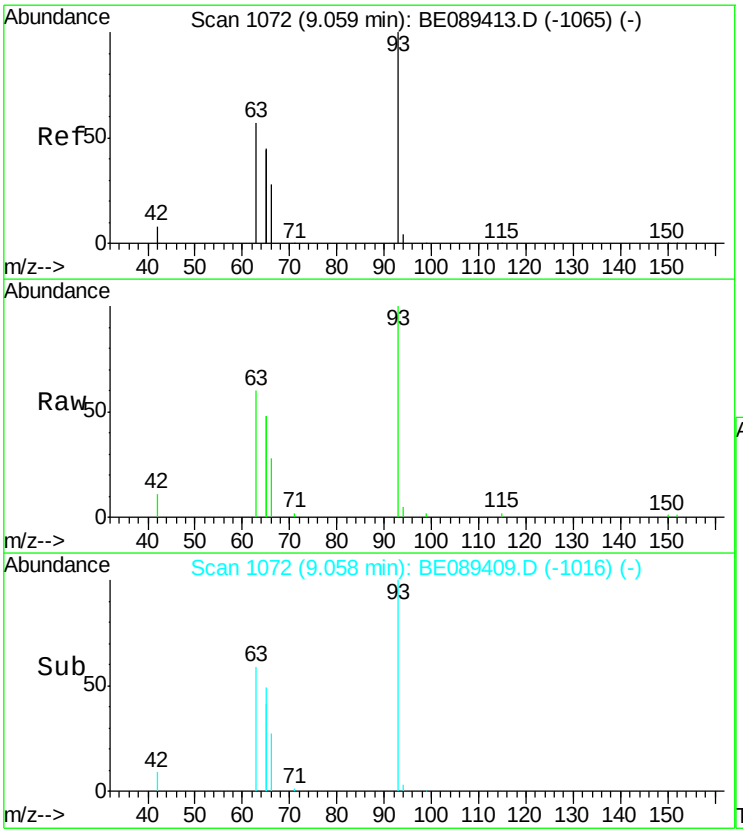
#5
Phenol
Concen: 0.14 ng
RT: 8.87 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion: 94 Resp: 9068

Ion	Ratio	Lower	Upper
94	100		
65	139.4	93.3	133.3#
66	56.0	23.6	63.6

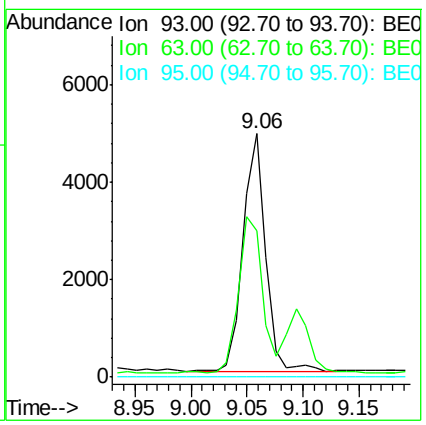


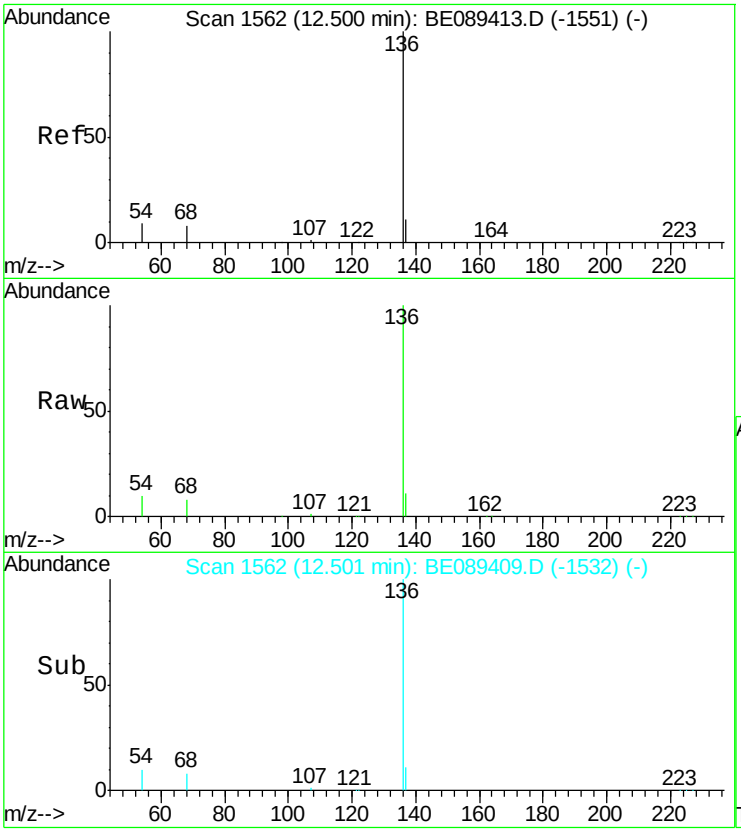


#6
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 9.06 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion: 93 Resp: 6869

Ion	Ratio	Lower	Upper
93	100		
63	70.1	58.6	88.0
95	0.0	0.0	0.0



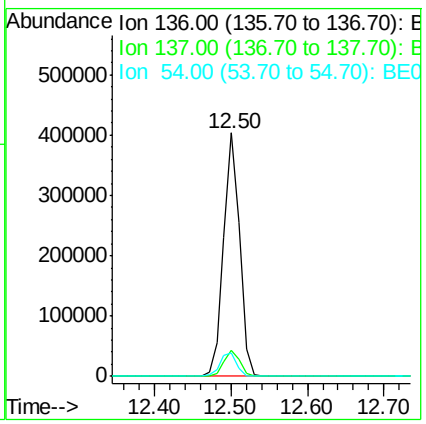


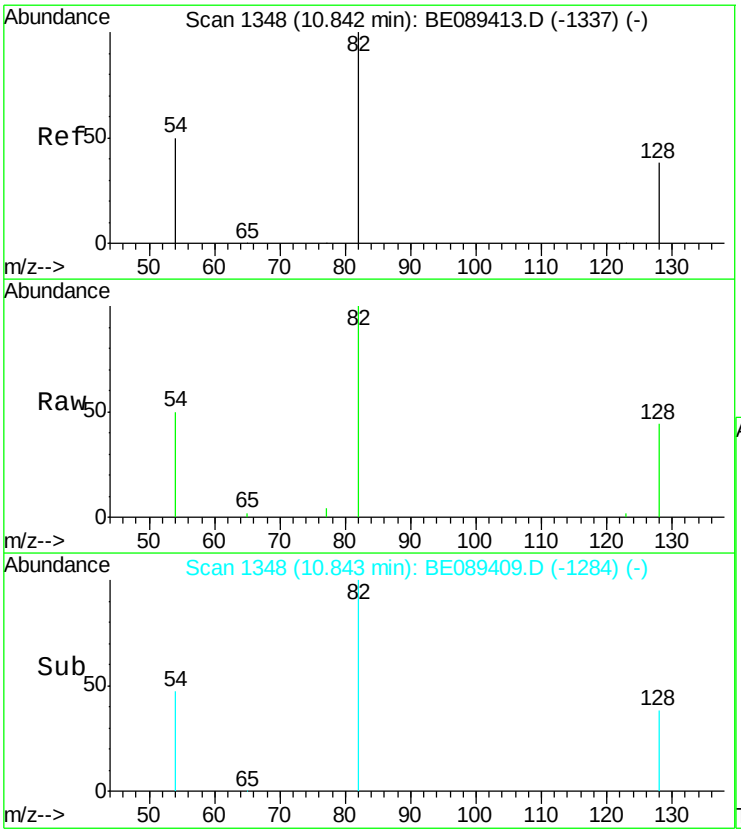
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.50 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 588912

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	7.5	11.3

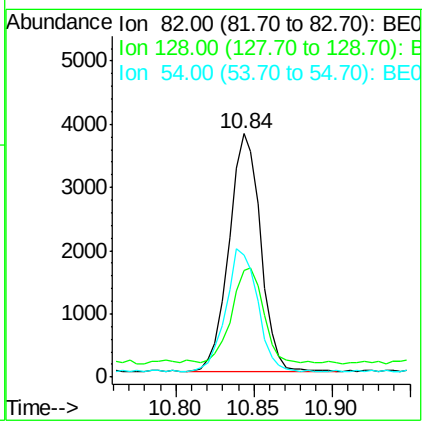


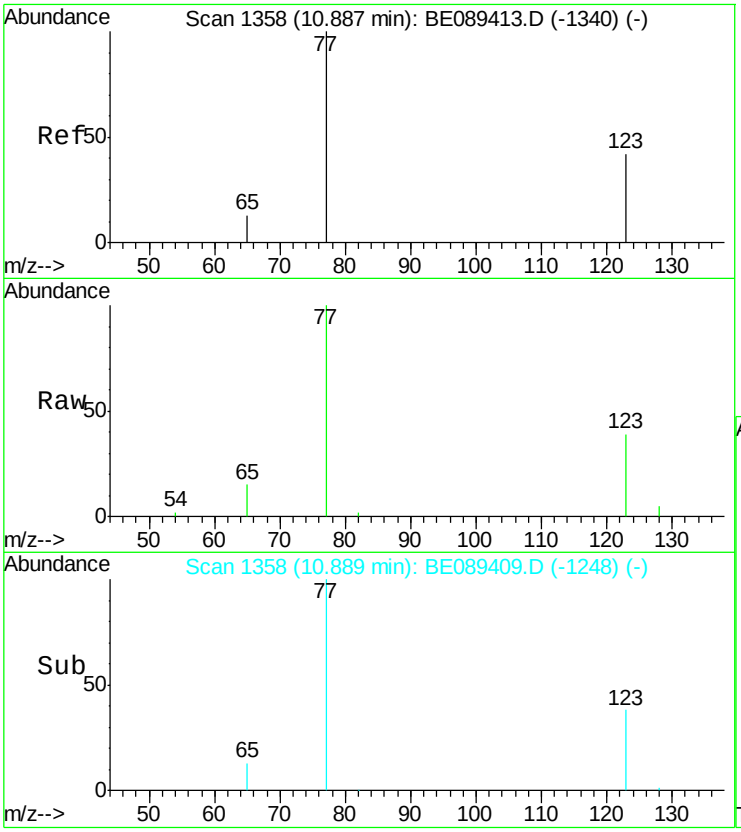


#8
Nitrobenzene-d5
Concen: 0.13 ng
RT: 10.84 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion: 82 Resp: 5365

Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.0	46.4
54	50.1	39.8	59.6



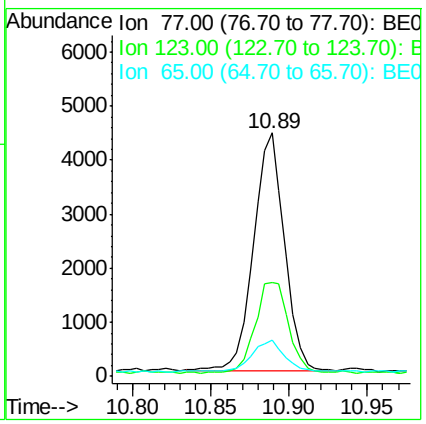


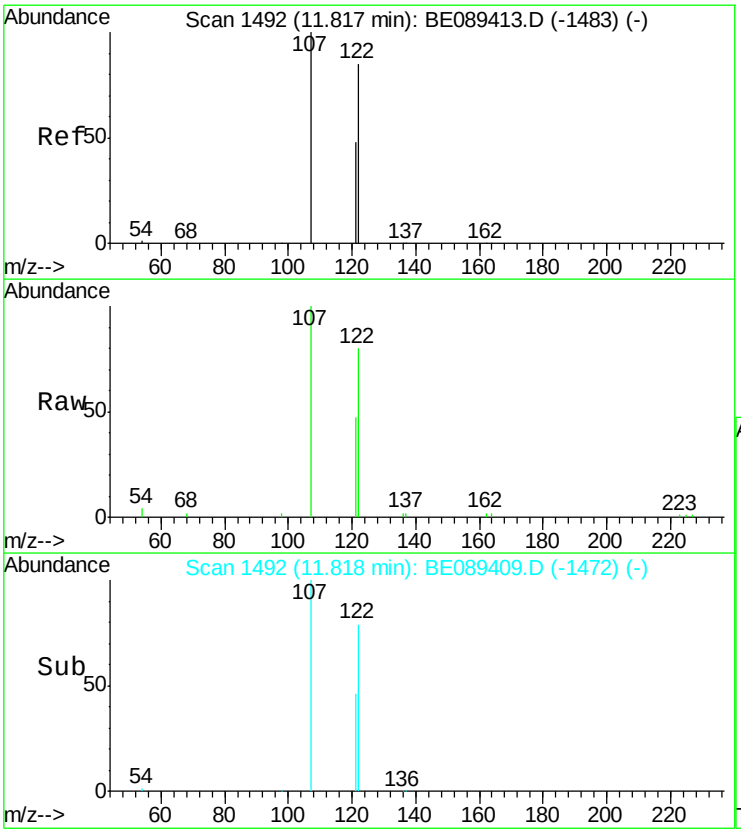
#9
Nitrobenzene
Concen: 0.13 ng
RT: 10.89 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion: 77 Resp: 6006

Ion	Ratio	Lower	Upper
77	100		
123	40.7	32.8	49.2
65	13.2	11.0	16.6

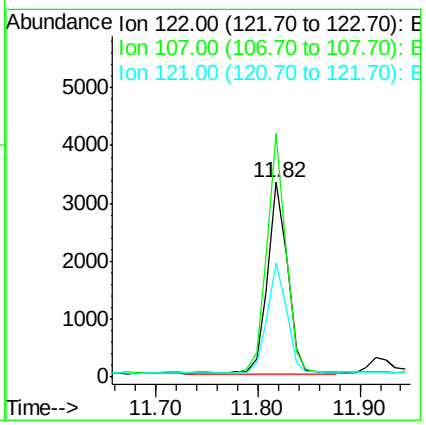


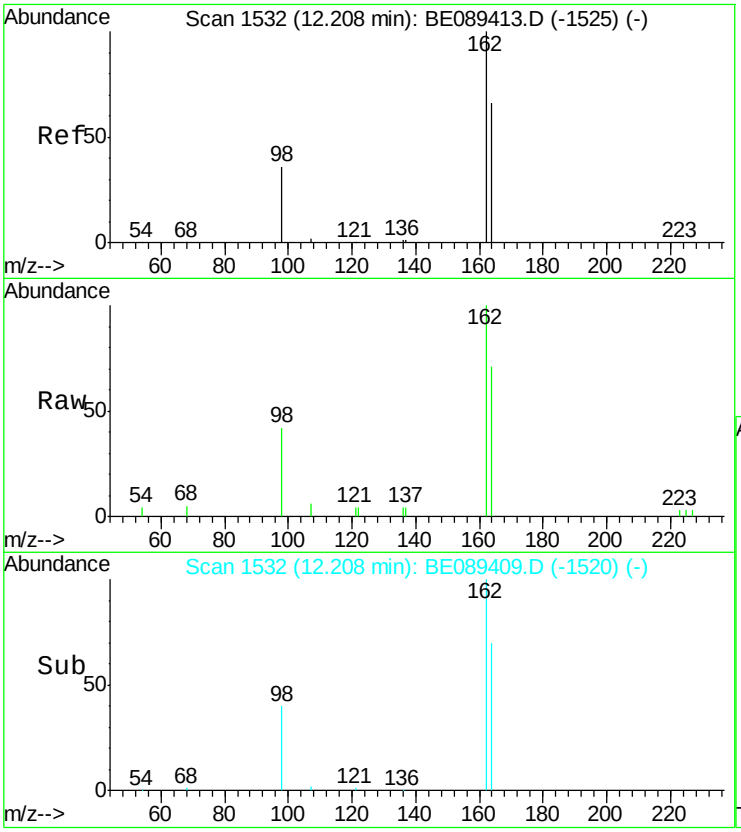


#10
2,4-Dimethylphenol
Concen: 0.12 ng
RT: 11.82 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion:122 Resp: 4495

Ion	Ratio	Lower	Upper
122	100		
107	124.9	94.6	142.0
121	58.9	45.8	68.6



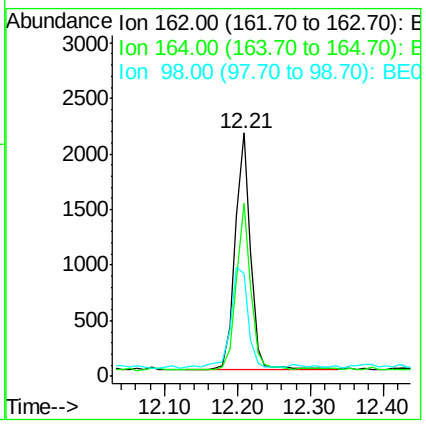


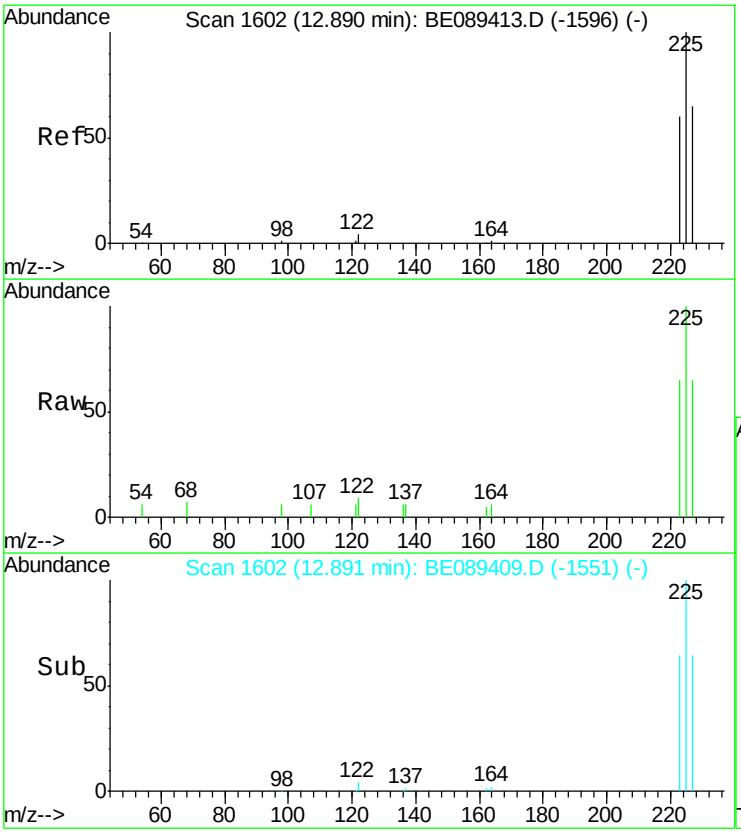
#11
2,4-Dichlorophenol
Concen: 0.11 ng
RT: 12.21 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:162 Resp: 3132

Ion	Ratio	Lower	Upper
162	100		
164	71.2	46.1	86.1
98	42.1	16.2	56.2

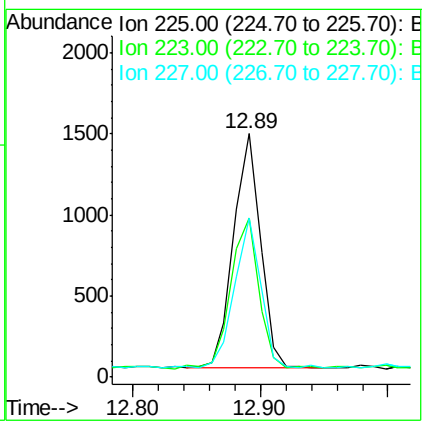


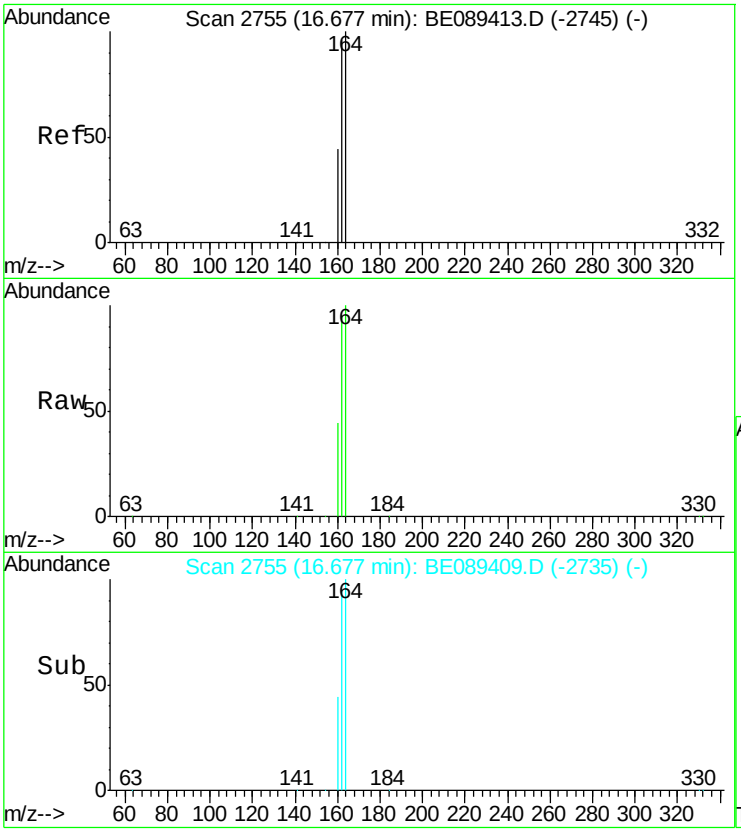


#12
Hexachlorobutadiene
Concen: 0.11 ng
RT: 12.89 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion:225 Resp: 2119

Ion	Ratio	Lower	Upper
225	100		
223	66.4	50.4	75.6
227	61.3	50.2	75.2



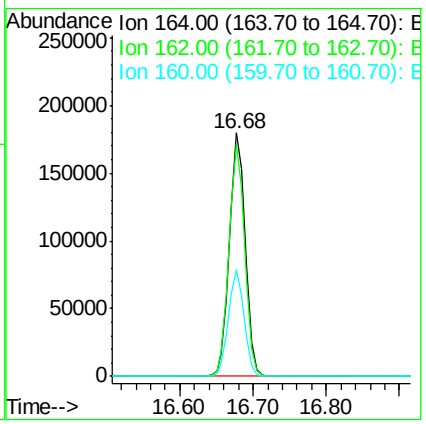


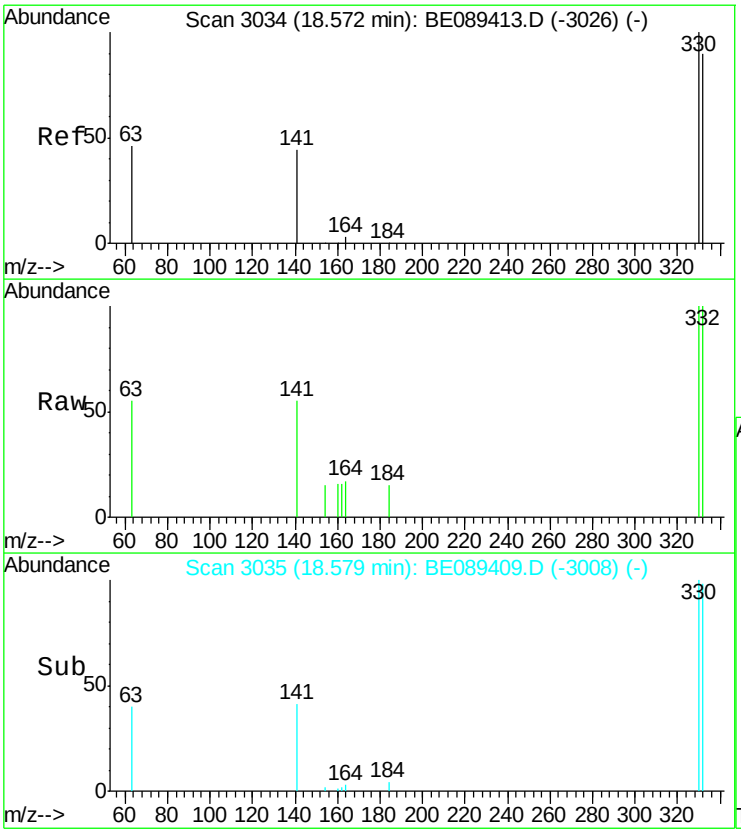
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 265549

Ion	Ratio	Lower	Upper
164	100		
162	95.3	77.0	115.6
160	43.8	35.0	52.4

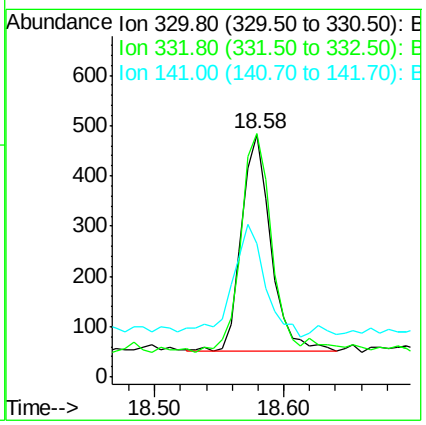


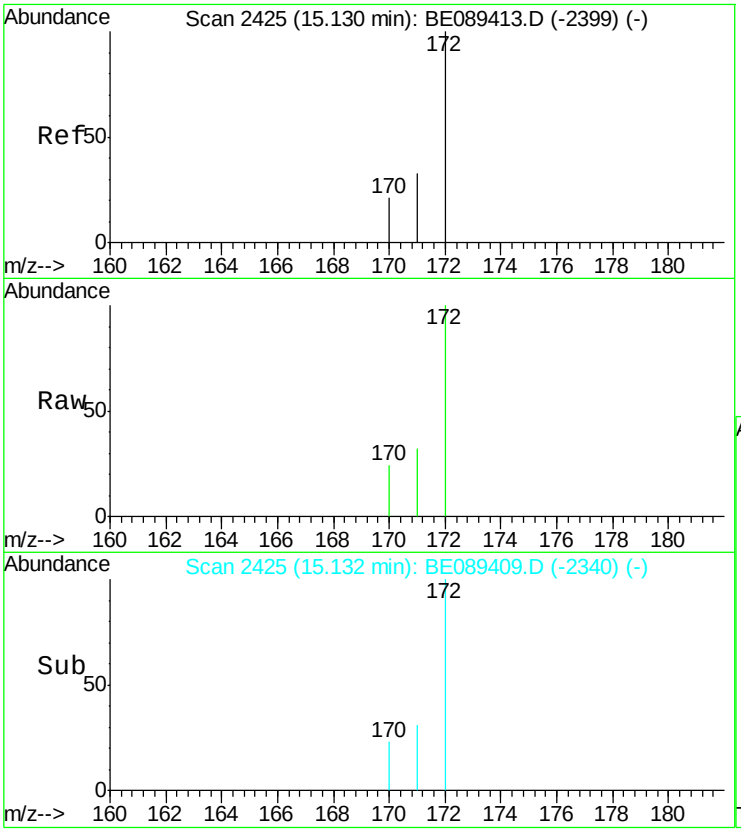


#14
2,4,6-Tribromophenol
Concen: 0.11 ng
RT: 18.58 min Scan# 3035
Delta R.T. 0.01 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion:330 Resp: 670

Ion	Ratio	Lower	Upper
330	100		
332	104.0	76.0	114.0
141	59.7	35.6	53.4#



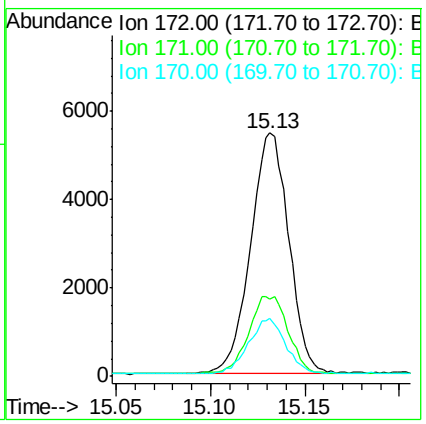


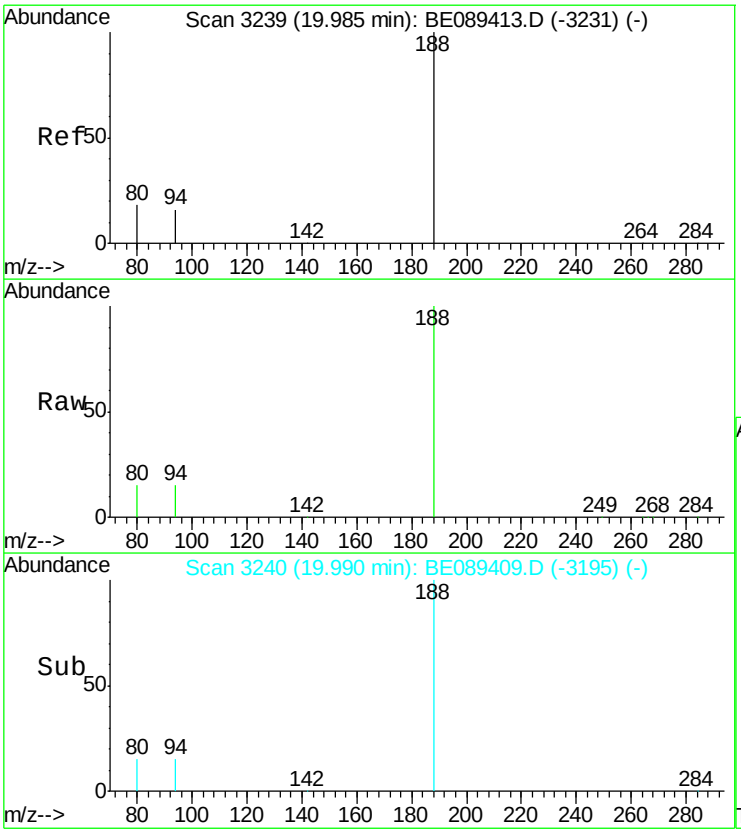
#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 15.13 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 7683

Ion	Ratio	Lower	Upper
172	100		
171	31.5	26.6	39.8
170	23.7	17.1	25.7

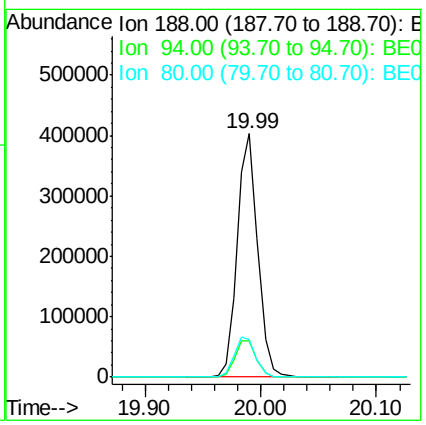


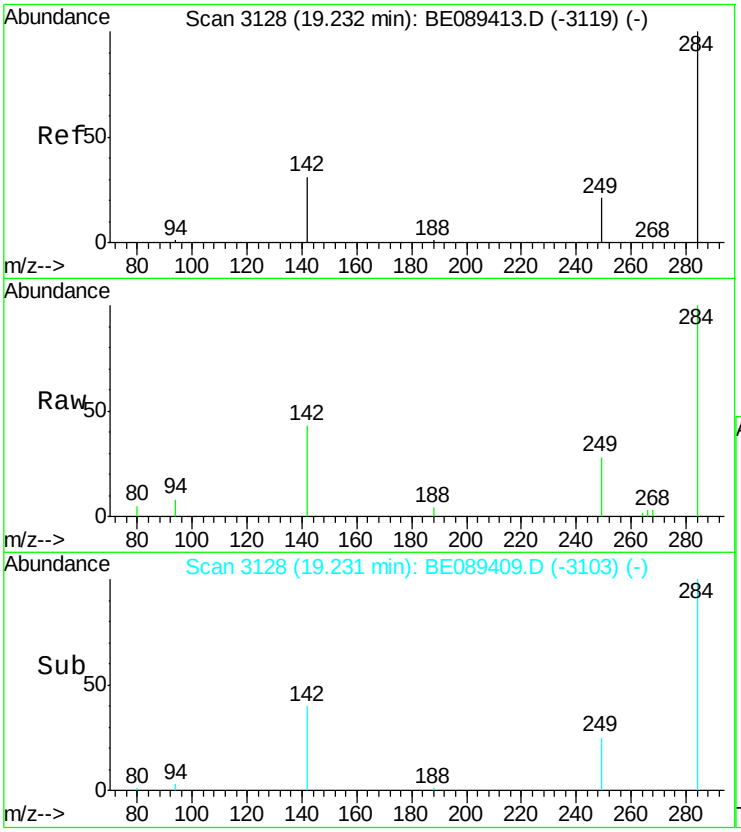


#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion:188 Resp: 494933

Ion	Ratio	Lower	Upper
188	100		
94	14.8	13.0	19.6
80	15.4	14.2	21.4



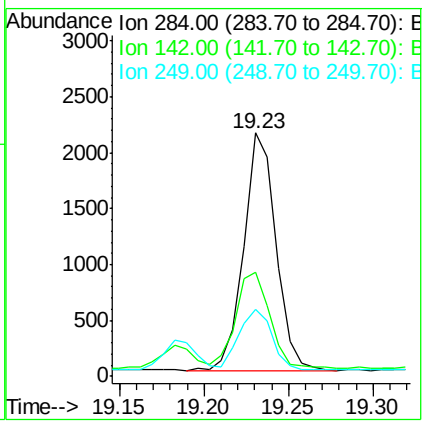


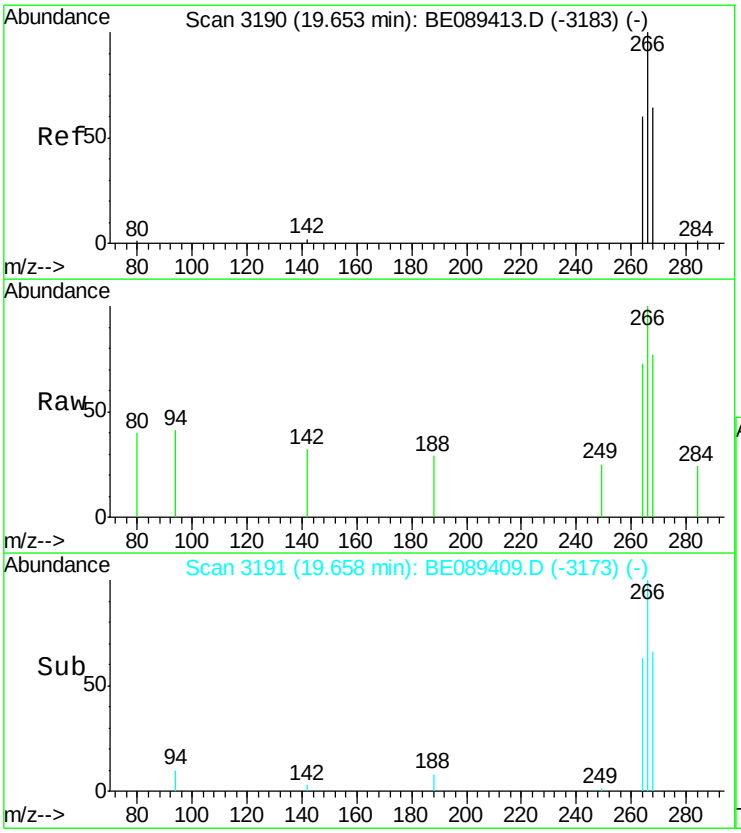
#18
Hexachlorobenzene
Concen: 0.12 ng
RT: 19.23 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 2817

Ion	Ratio	Lower	Upper
284	100		
142	42.7	28.3	42.5#
249	27.6	19.9	29.9

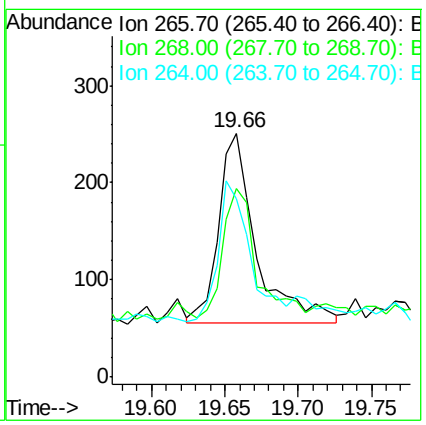


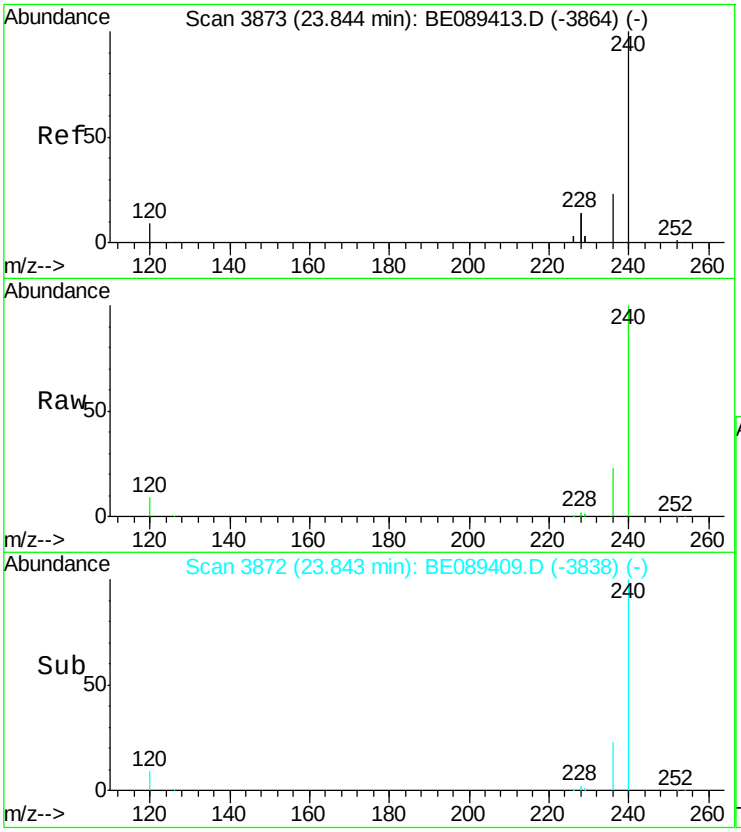


#19
Pentachlorophenol
Concen: 0.08 ng
RT: 19.66 min Scan# 3191
Delta R.T. 0.01 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion:266 Resp: 350

Ion	Ratio	Lower	Upper
266	100		
268	77.3	51.9	77.9
264	73.3	48.5	72.7#



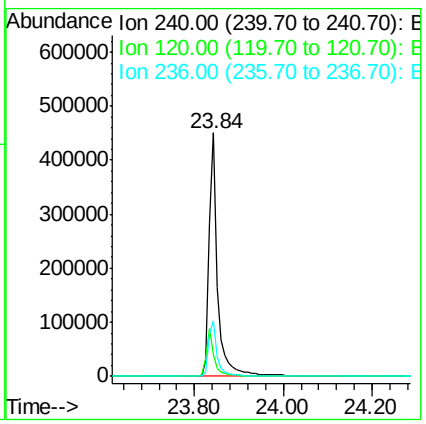


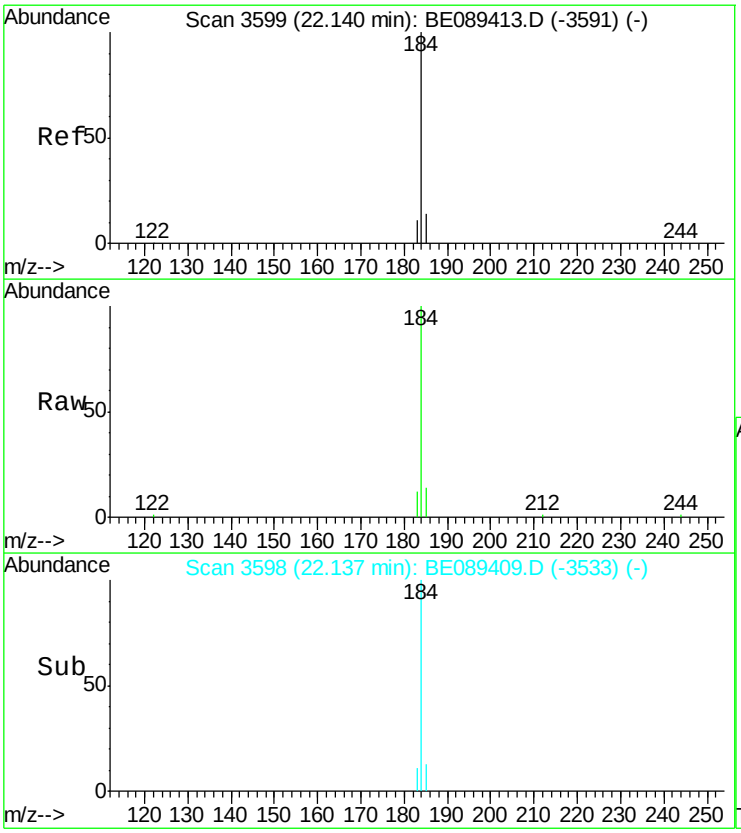
#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 602297

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.9	10.3
236	22.9	18.2	27.2

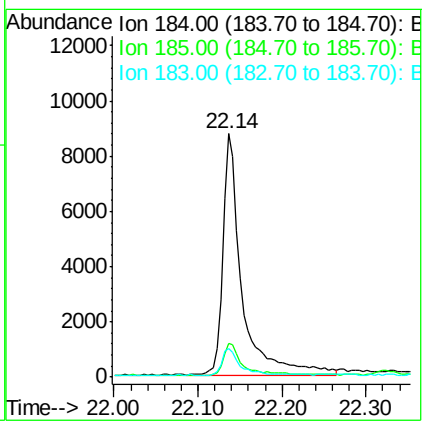


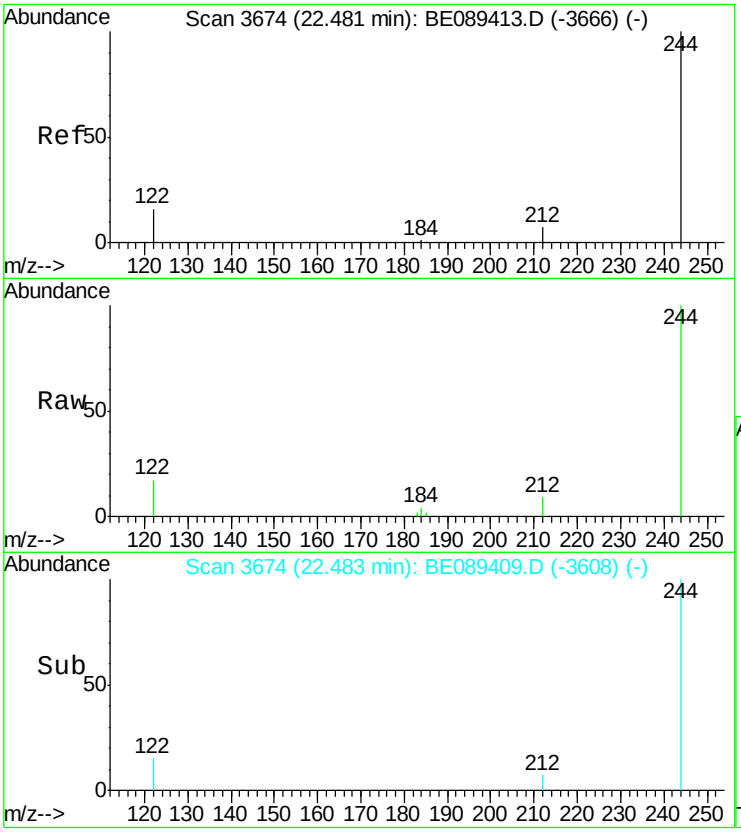


#21
Benzidine
Concen: 0.28 ng
RT: 22.14 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion:184 Resp: 13665

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.0	16.6
183	11.8	8.6	13.0



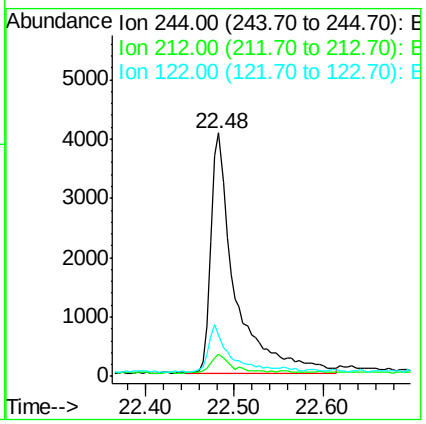


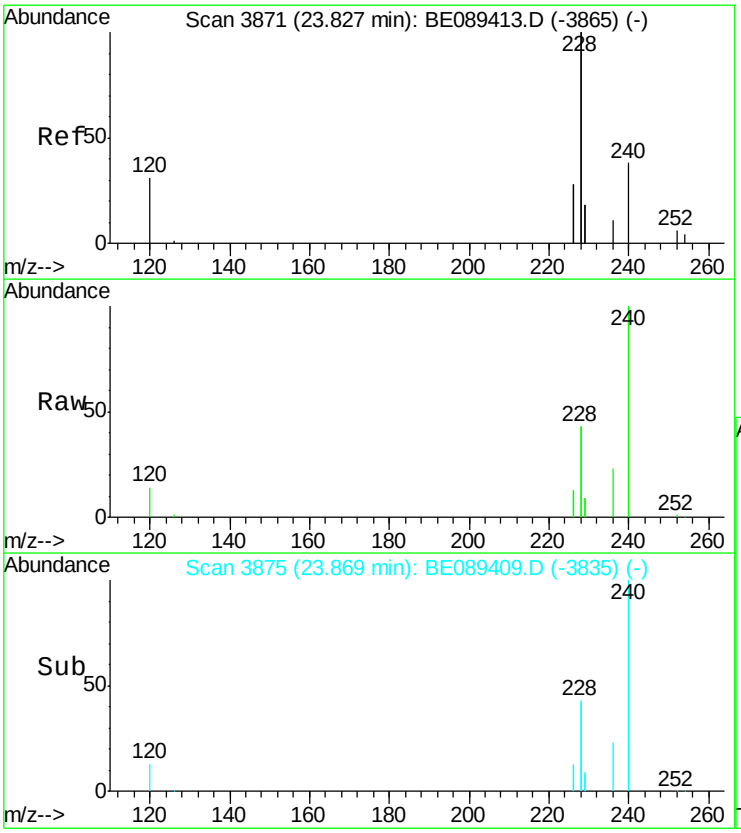
#22
Terphenyl-d14
Concen: 0.11 ng
RT: 22.48 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 7577

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.4	8.0#
122	17.0	13.2	19.8

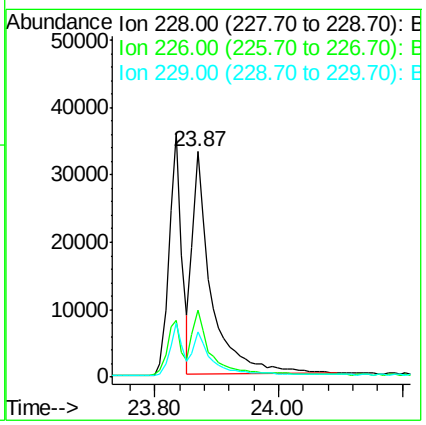


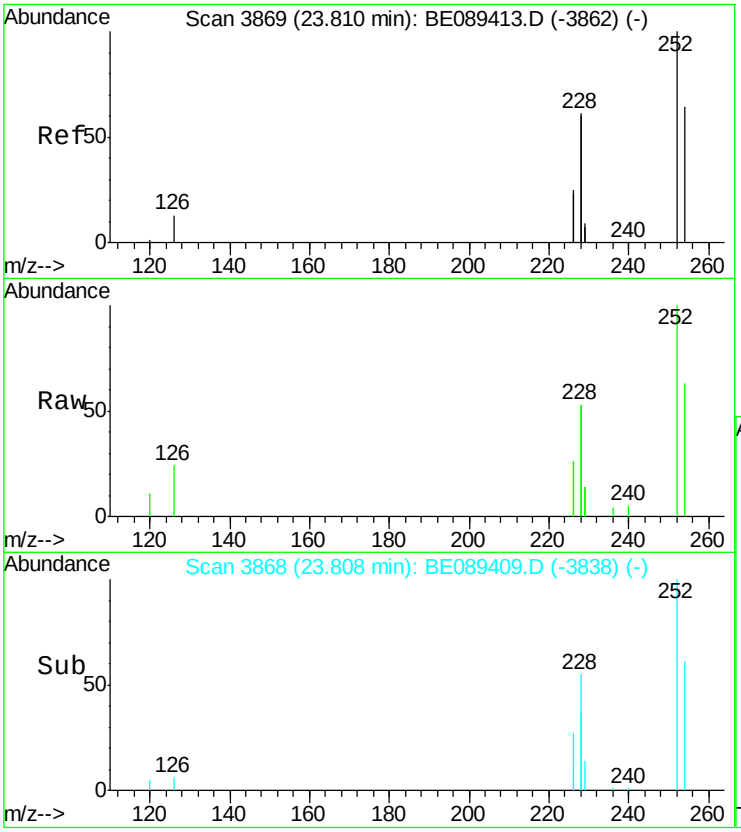


#23
Benzo(a)anthracene
Concen: 0.13 ng
RT: 23.87 min Scan# 3875
Delta R.T. 0.04 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion:228 Resp: 68800

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	20.1	14.5	21.7



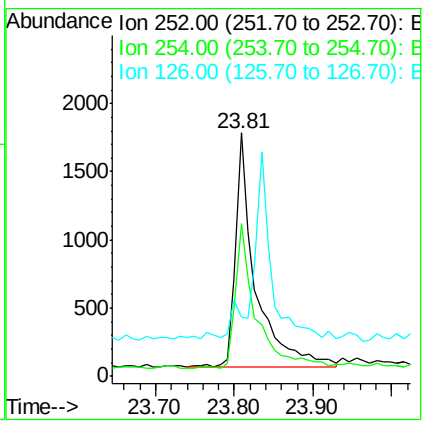


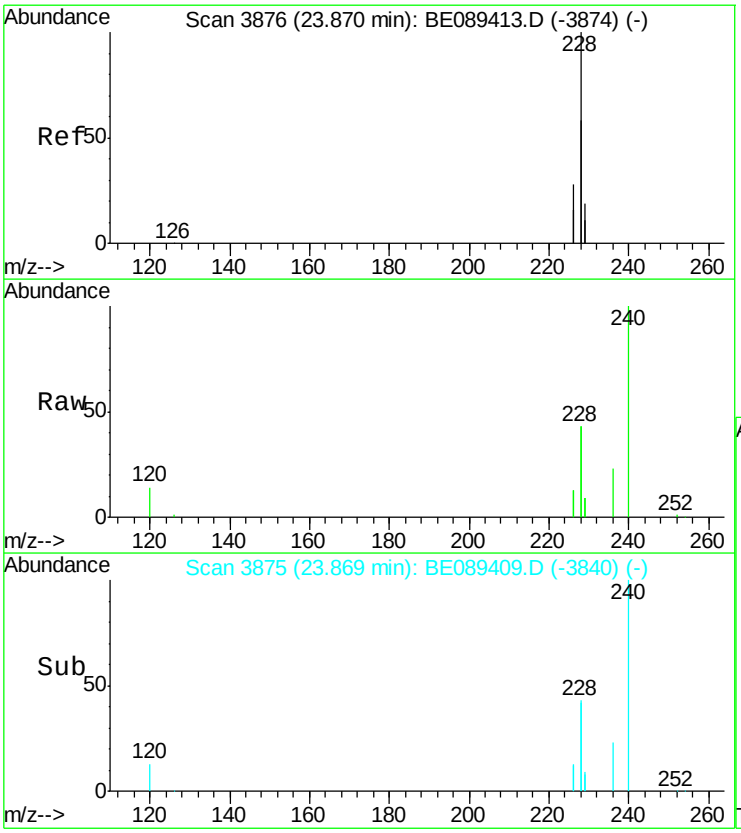
#24
3,3'-Dichlorobenzidine
Concen: 0.07 ng
RT: 23.81 min Scan# 3868
Delta R.T. -0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2962

Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.1	76.7
126	24.1	11.5	17.3#

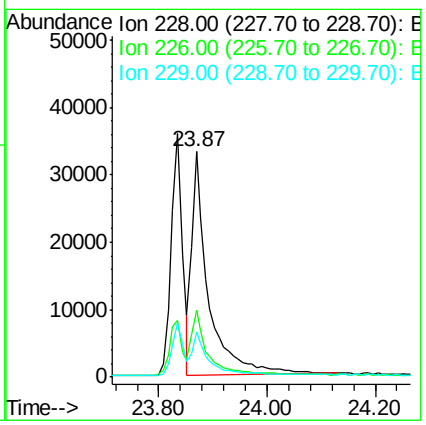


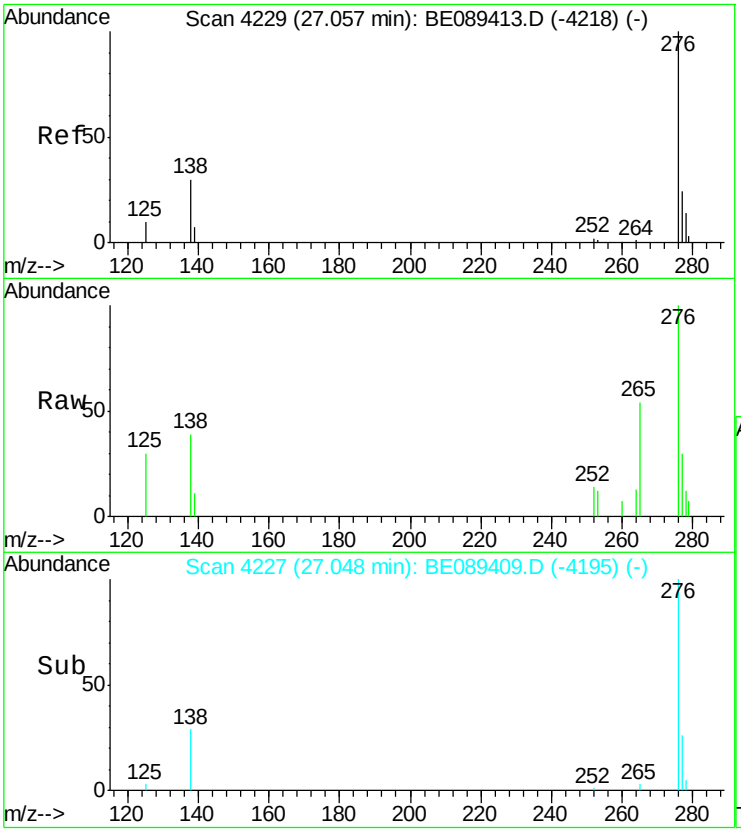


#25
Chrysene
Concen: 0.10 ng
RT: 23.87 min Scan# 3875
Delta R.T. -0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion:228 Resp: 70535

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	20.1	15.5	23.3



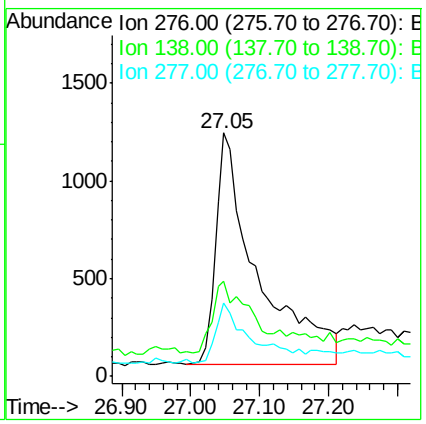


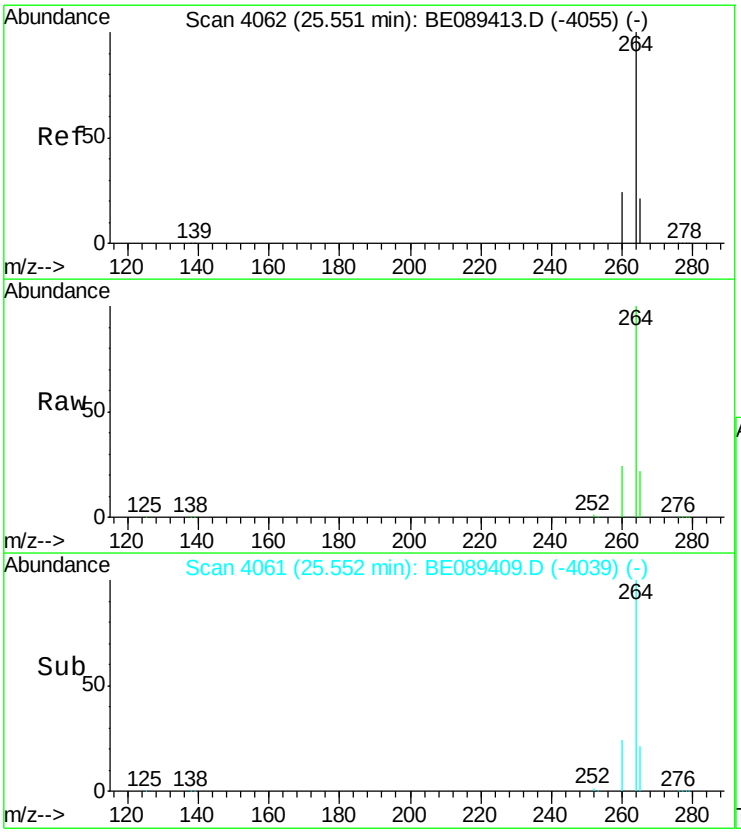
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 27.05 min Scan# 4227
Delta R.T. -0.01 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 5007

Ion	Ratio	Lower	Upper
276	100		
138	27.1	0.0	0.0#
277	20.7	0.0	0.0#

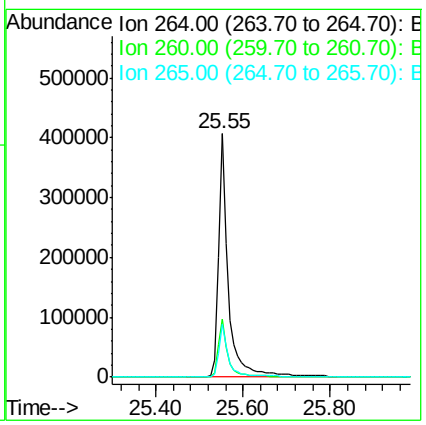


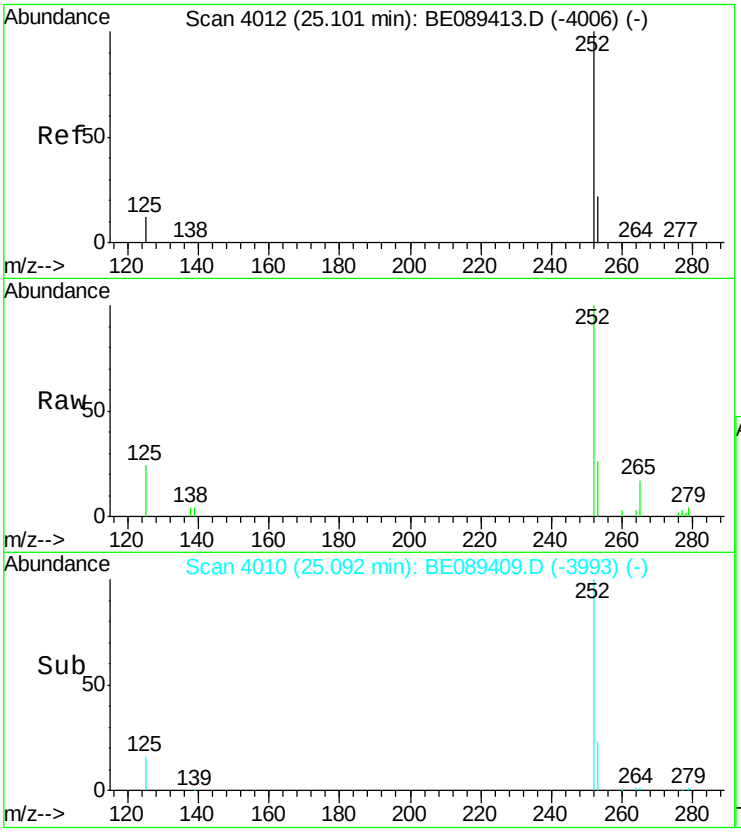


#27
Perylene-d12
Concen: 5.00 ng
RT: 25.55 min Scan# 4061
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion:264 Resp: 645922

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.5	17.1	25.7



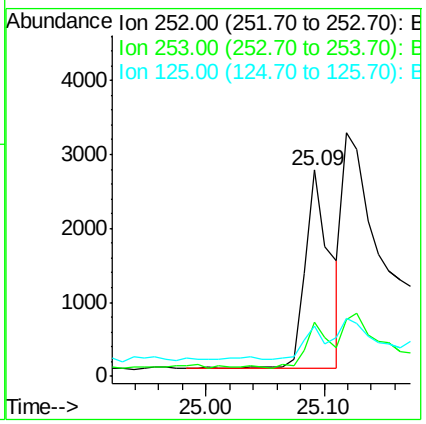


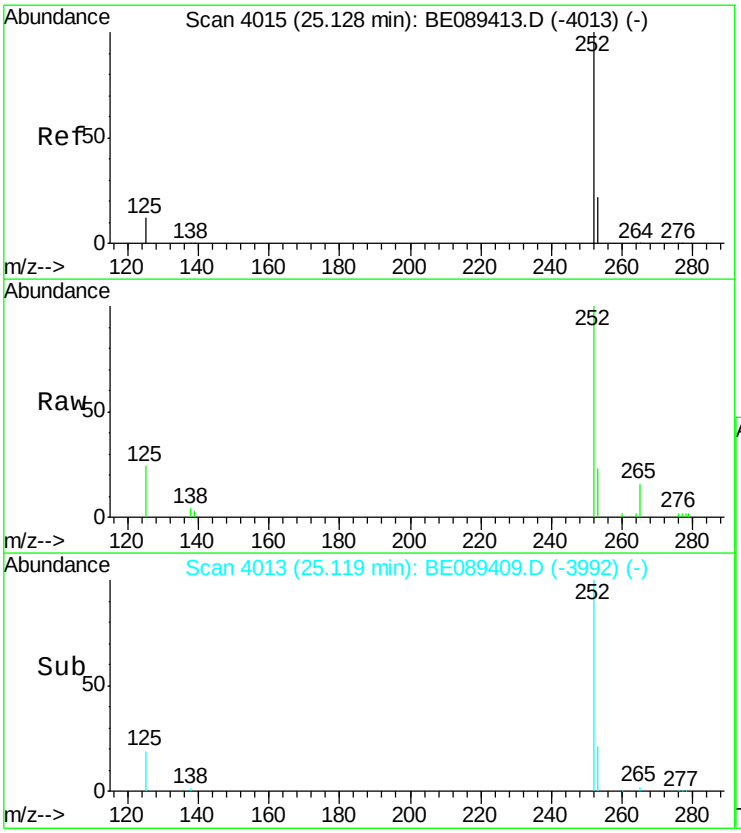
#28
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 25.09 min Scan# 4010
Delta R.T. -0.01 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3955

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.6	26.4#
125	24.5	10.5	15.7#

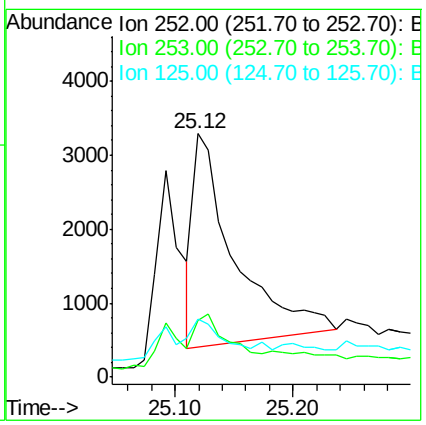


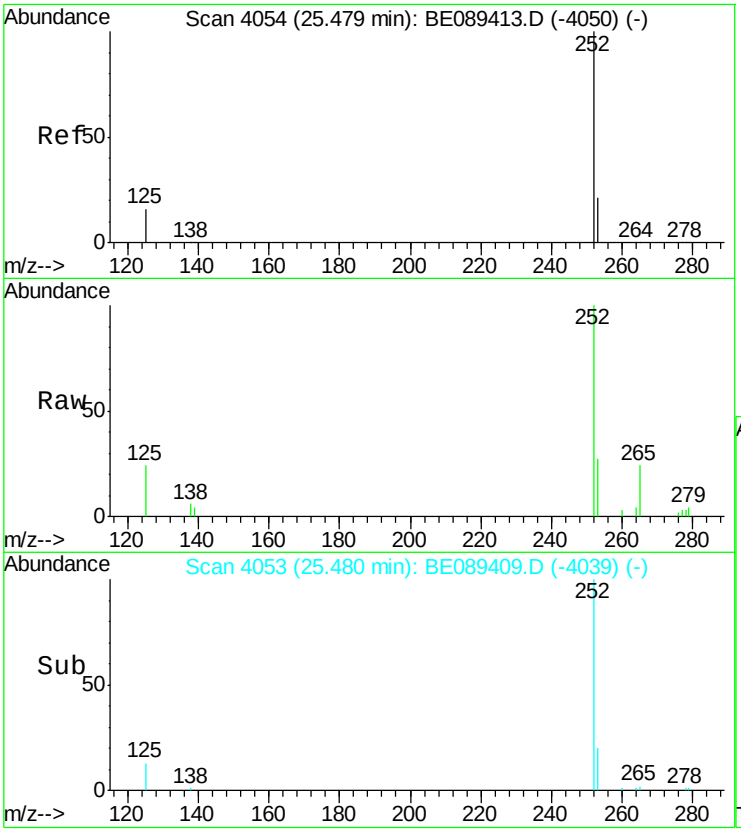


#29
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 25.12 min Scan# 4013
Delta R.T. -0.01 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion:252 Resp: 7008

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	23.9	11.0	16.6#



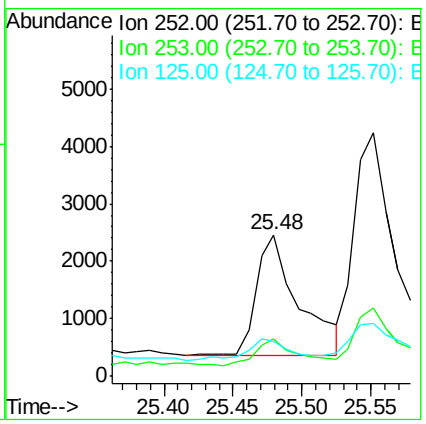


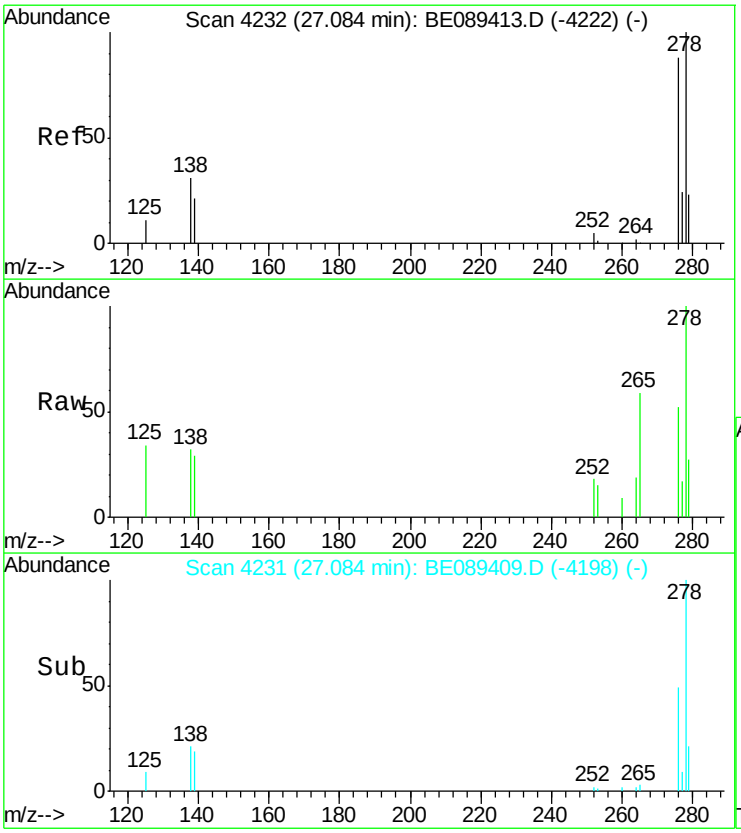
#30
Benzo(a)pyrene
Concen: 0.05 ng
RT: 25.48 min Scan# 4053
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 4481

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.3	25.9#
125	24.3	13.0	19.6#





#31
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 27.08 min Scan# 4231
Delta R.T. 0.00 min
Lab File: BE089409.D
Acq: 29 Jan 2015 10:44

Tgt Ion:278 Resp: 3442

Ion	Ratio	Lower	Upper
278	100		
139	28.7	17.2	25.8#
279	26.7	19.2	28.8