Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE012915\
Data File : BE089420.D
Acq On : 29 Jan 2015 19:06
Operator : TP/IZ
Sample : G1110-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 30 06:34:11 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	143863	5.00	ng		0.00
7) Naphthalene-d8	12.50	136	539613	5.00	ng		0.00
13) Acenaphthene-d10	16.68	164	248870	5.00	ng		0.00
17) Phenanthrene-d10	19.99	188	488111	5.00	ng		0.00
20) Chrysene-d12	23.84	240	641613	5.00	ng		0.00
27) Perylene-d12	25.55	264	722031	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.74	112	170067	3.14	ng		0.00
4) Phenol-d6	8.86	99	135353	2.10	ng		0.00
8) Nitrobenzene-d5	10.85	82	287034	6.54	ng		0.00
14) 2,4,6-Tribromophenol	18.59	330	99014	14.42	ng		0.01
15) 2-Fluorobiphenyl	15.13	172	443001	6.38	ng		0.00
22) Terphenyl-d14	22.48	244	770125	10.38	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.56	42	68841	2.45	ng	#	82
5) Phenol	8.88	94	143943	2.04	ng		90
6) bis(2-Chloroethyl)ether	9.06	93	294135	5.61	ng	#	100
9) Nitrobenzene	10.89	77	312280	6.23	ng		98
10) 2,4-Dimethylphenol	11.83	122	199863	5.62	ng		93
11) 2,4-Dichlorophenol	12.21	162	155900	6.31	ng		90
12) Hexachlorobutadiene	12.89	225	86900	5.22	ng		99
16) 2,4-Dinitrophenol	16.90	184	62071	34.02	ng	#	86
18) Hexachlorobenzene	19.24	284	179900	7.52	ng		94
19) Pentachlorophenol	19.66	266	161951	36.29	ng		99
21) Benzidine	22.14	184	216	0.00	ng	#	1
23) Benzo(a)anthracene	23.83	228	4888820	10.01	ng		99
24) 3,3'-Dichlorobenzidine	23.82	252	54434	1.42	ng		97
25) Chrysene	23.88	228	5015573	7.51	ng		96
26) Indeno(1,2,3-cd)pyrene	27.08	276	1712550	14.87	ng	#	100
28) Benzo(b)fluoranthene	25.10	252	1378277	19.37	ng		99
29) Benzo(k)fluoranthene	25.14	252	1458118	7.76	ng		96
30) Benzo(a)pyrene	25.49	252	1401917	15.92	ng		96
31) Dibenzo(a,h)anthracene	27.10	278	1507646	17.17	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE012915\
Data File : BE089420.D
Acq On : 29 Jan 2015 19:06
Operator : TP/IZ
Sample : G1110-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 30 06:34:11 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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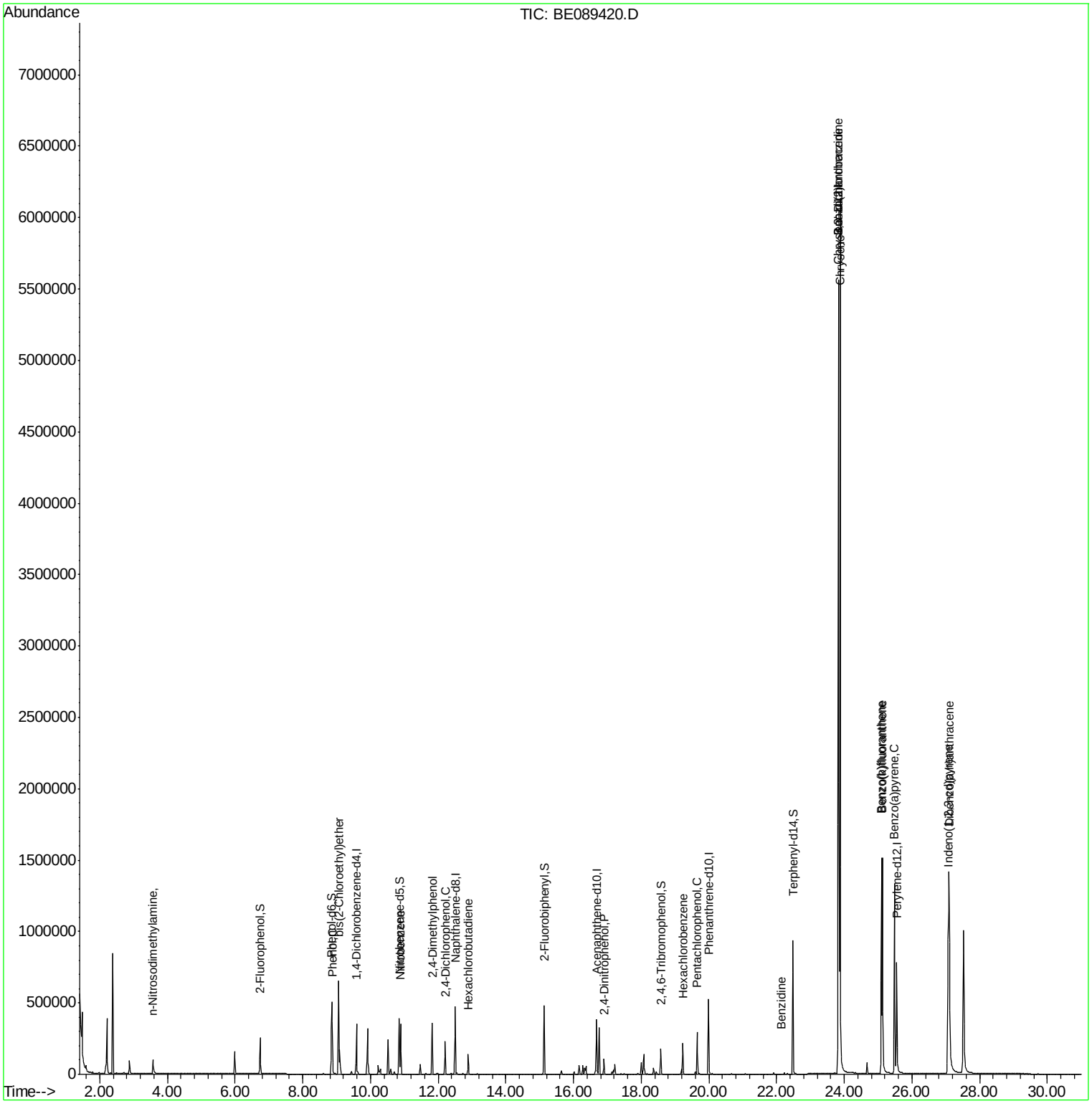
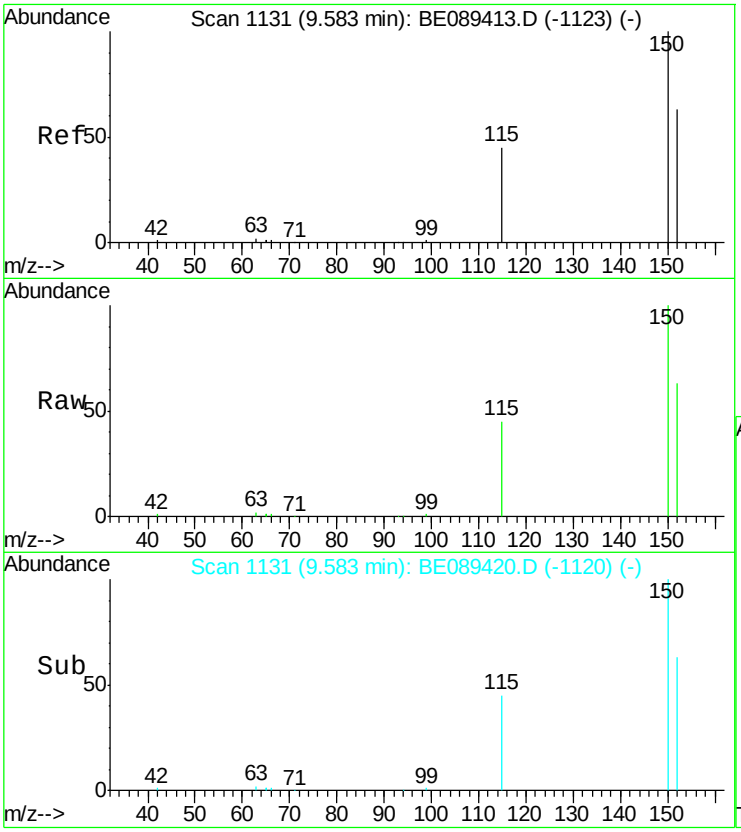


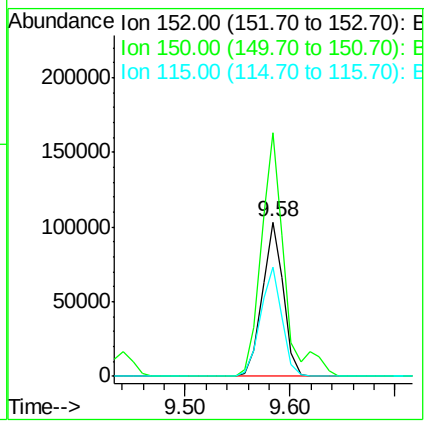


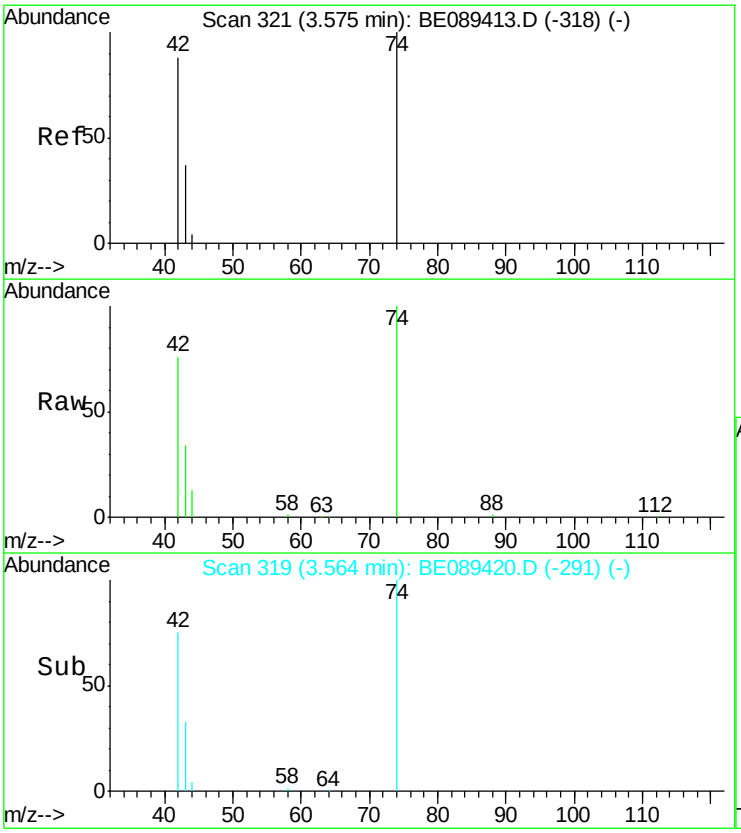
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 143863

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.1	189.1
115	71.1	57.1	85.7

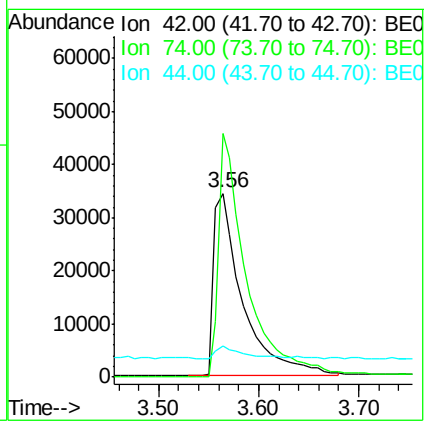


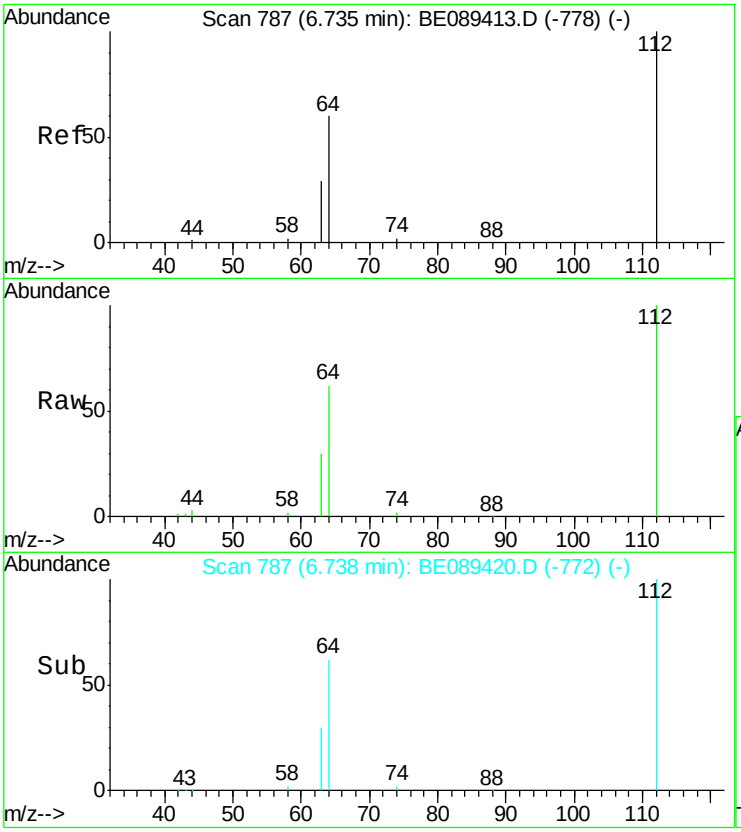


#2
n-Nitrosodimethylamine
Concen: 2.45 ng
RT: 3.56 min Scan# 319
Delta R.T. -0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion: 42 Resp: 68841

Ion	Ratio	Lower	Upper
42	100		
74	132.4	90.2	135.2
44	16.7	19.4	29.2#



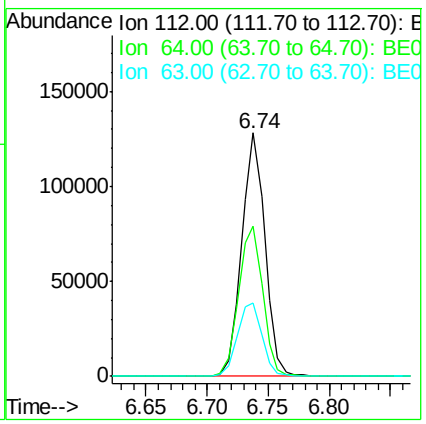


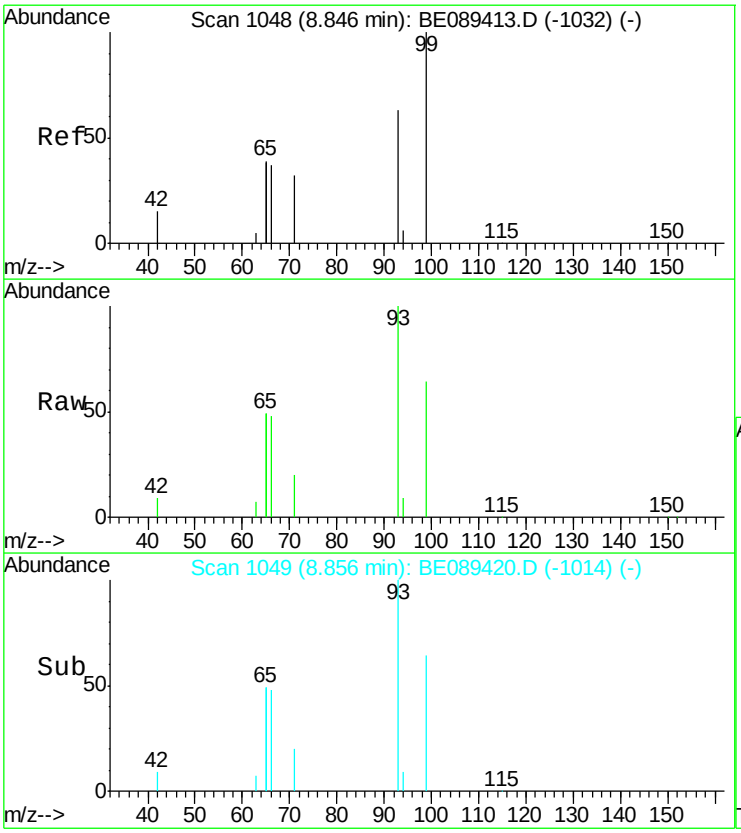
#3
2-Fluorophenol
Concen: 3.14 ng
RT: 6.74 min Scan# 787
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 170067

Ion	Ratio	Lower	Upper
112	100		
64	61.6	48.2	72.4
63	30.3	23.5	35.3

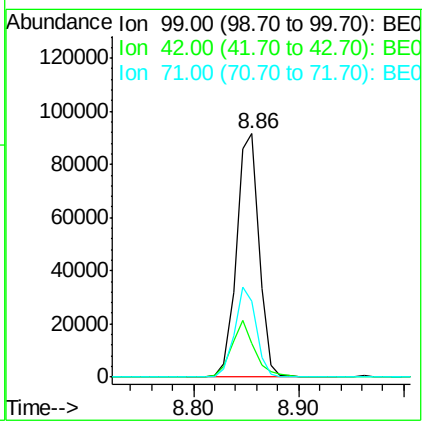


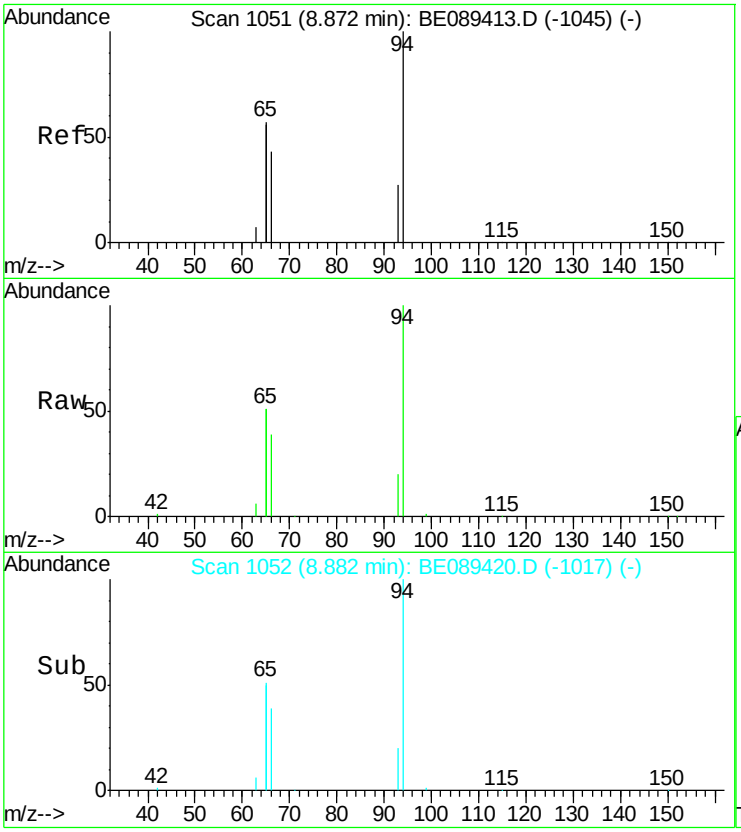


#4
Phenol-d6
Concen: 2.10 ng
RT: 8.86 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion: 99 Resp: 135353

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.9	17.9
71	31.1	25.8	38.6



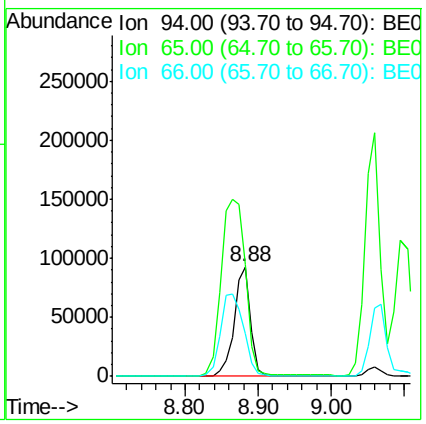


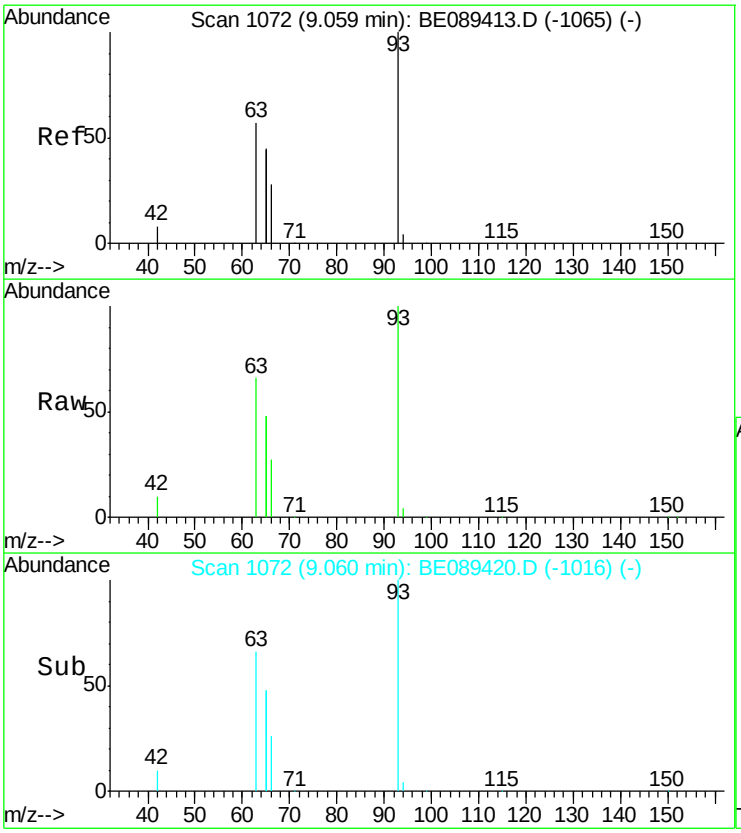
#5
Phenol
Concen: 2.04 ng
RT: 8.88 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 94 Resp: 143943

Ion	Ratio	Lower	Upper
94	100		
65	101.8	93.3	133.3
66	38.9	23.6	63.6

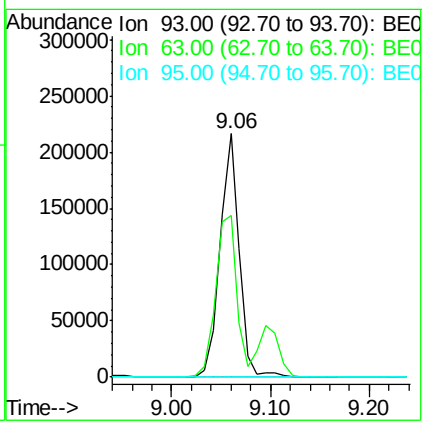


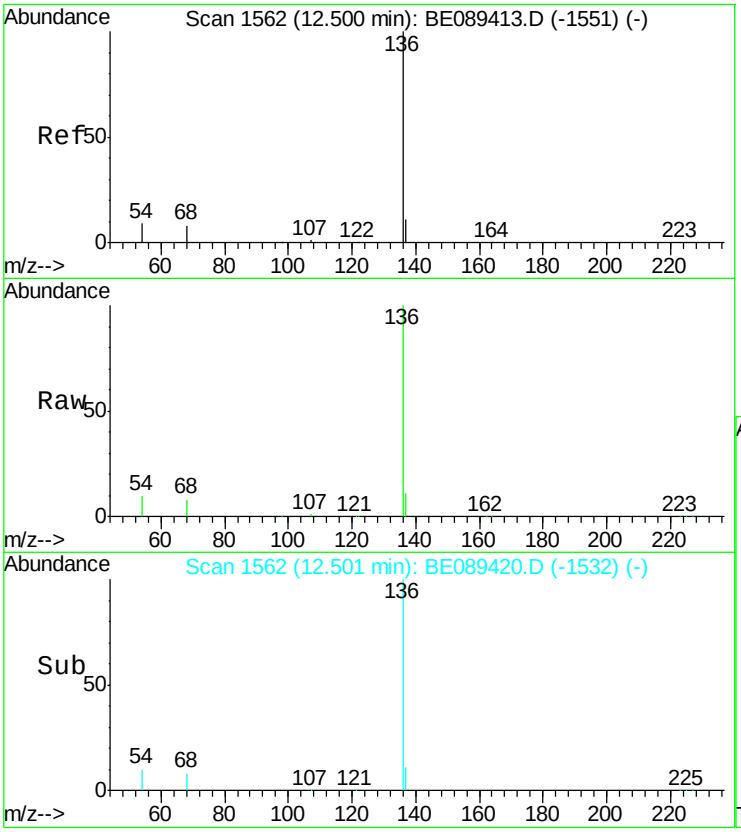


#6
bis(2-Chloroethyl)ether
Concen: 5.61 ng
RT: 9.06 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion: 93 Resp: 294135

Ion	Ratio	Lower	Upper
93	100		
63	73.5	58.6	88.0
95	0.0	0.0	0.0



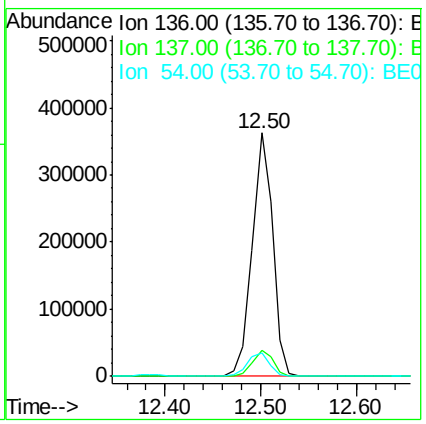


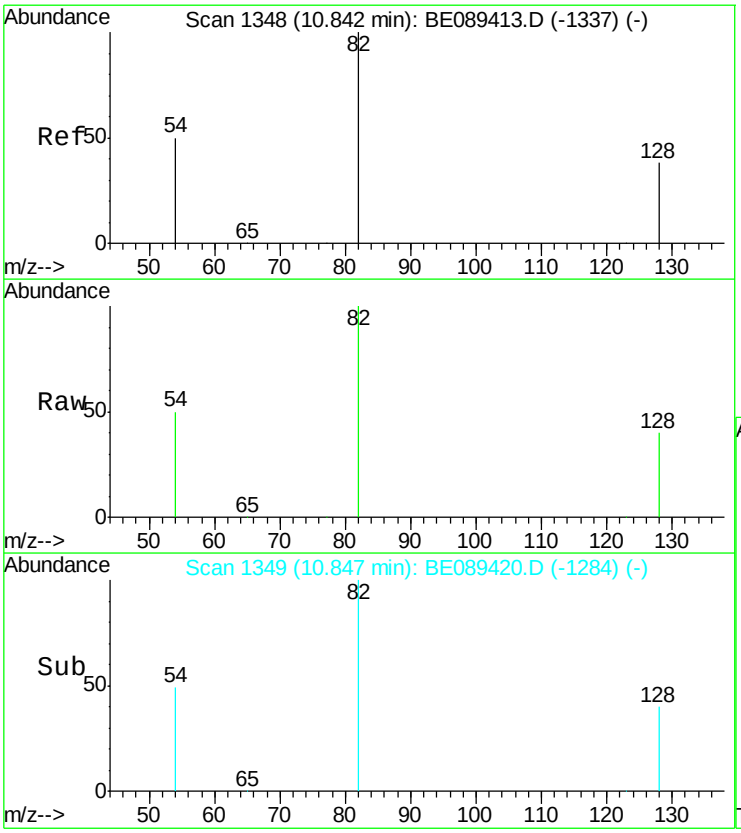
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.50 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 539613

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.9	7.5	11.3

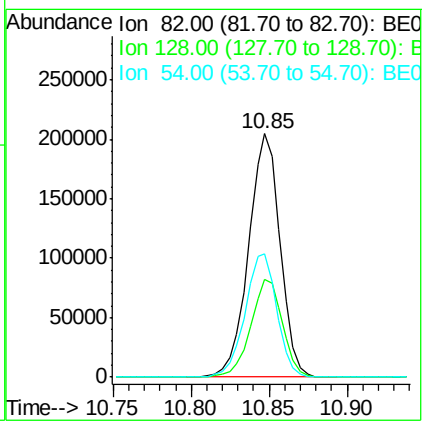


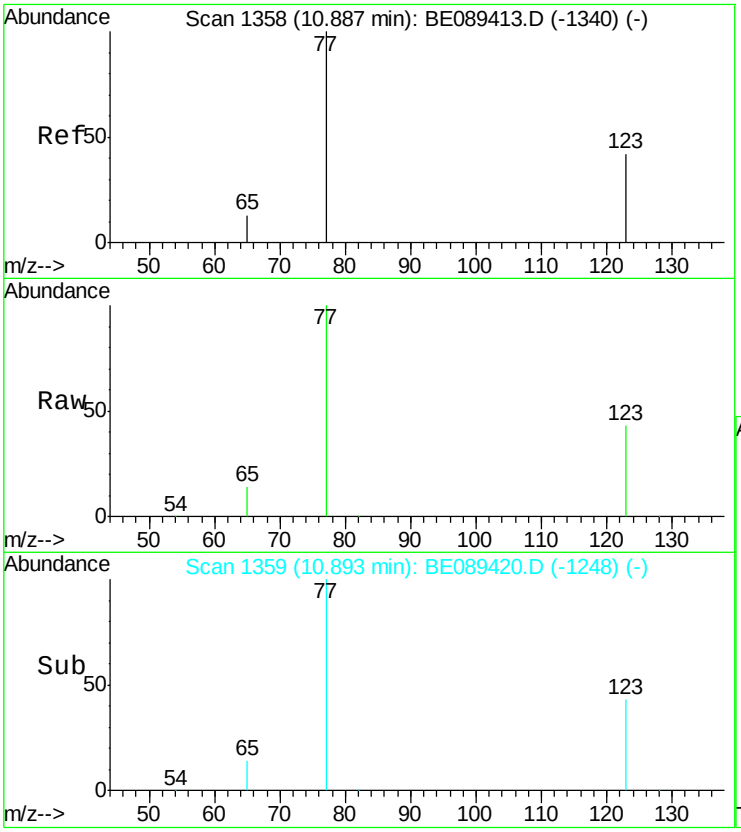


#8
Nitrobenzene-d5
Concen: 6.54 ng
RT: 10.85 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion: 82 Resp: 287034

Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.0	46.4
54	50.4	39.8	59.6



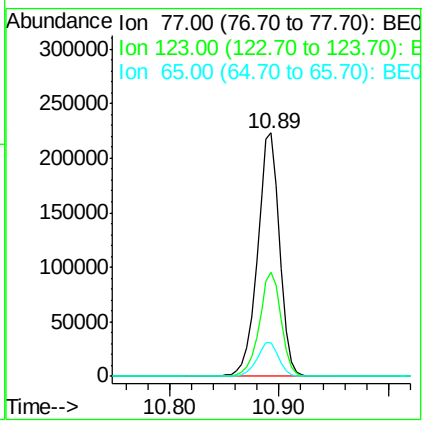


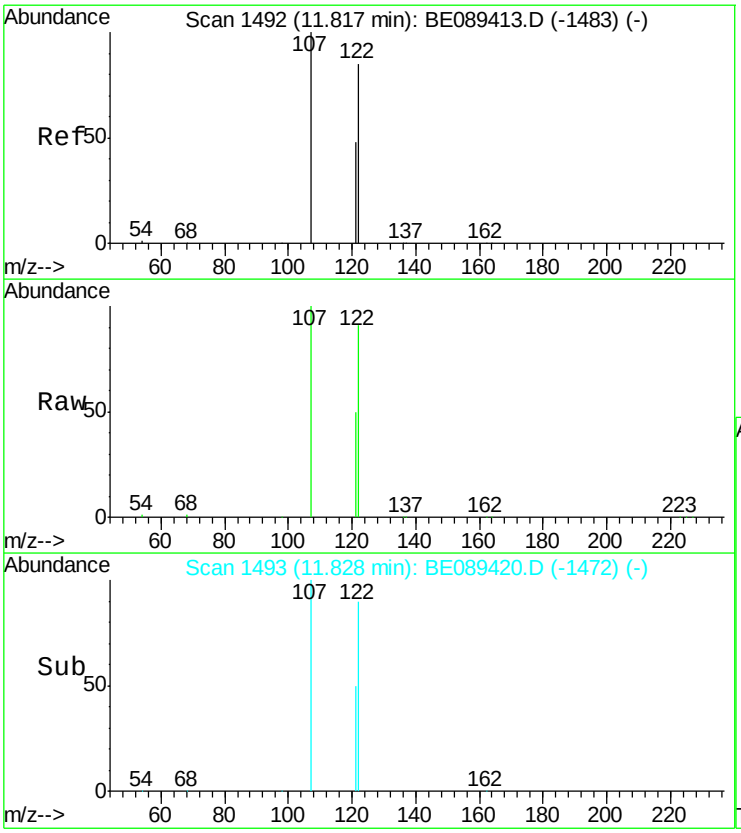
#9
Nitrobenzene
Concen: 6.23 ng
RT: 10.89 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 312280

Ion	Ratio	Lower	Upper
77	100		
123	42.1	32.8	49.2
65	14.2	11.0	16.6

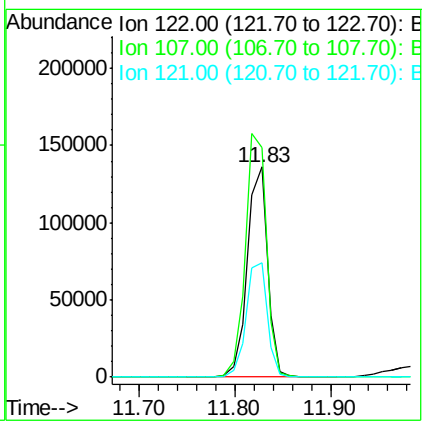


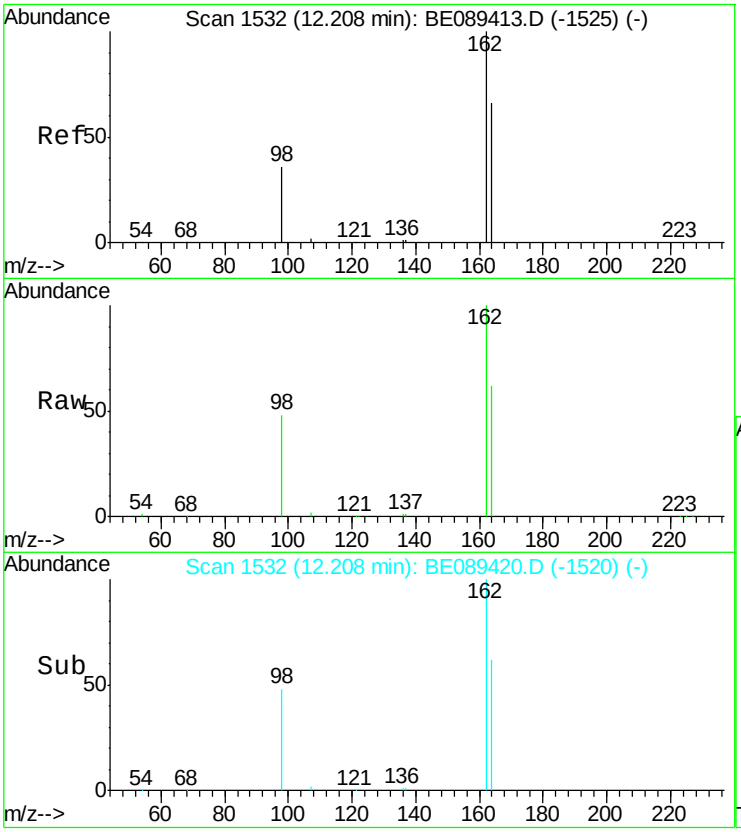


#10
2,4-Dimethylphenol
Concen: 5.62 ng
RT: 11.83 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion:122 Resp: 199863

Ion	Ratio	Lower	Upper
122	100		
107	109.3	94.6	142.0
121	54.2	45.8	68.6



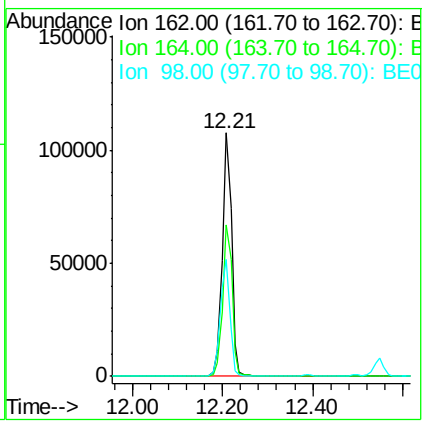


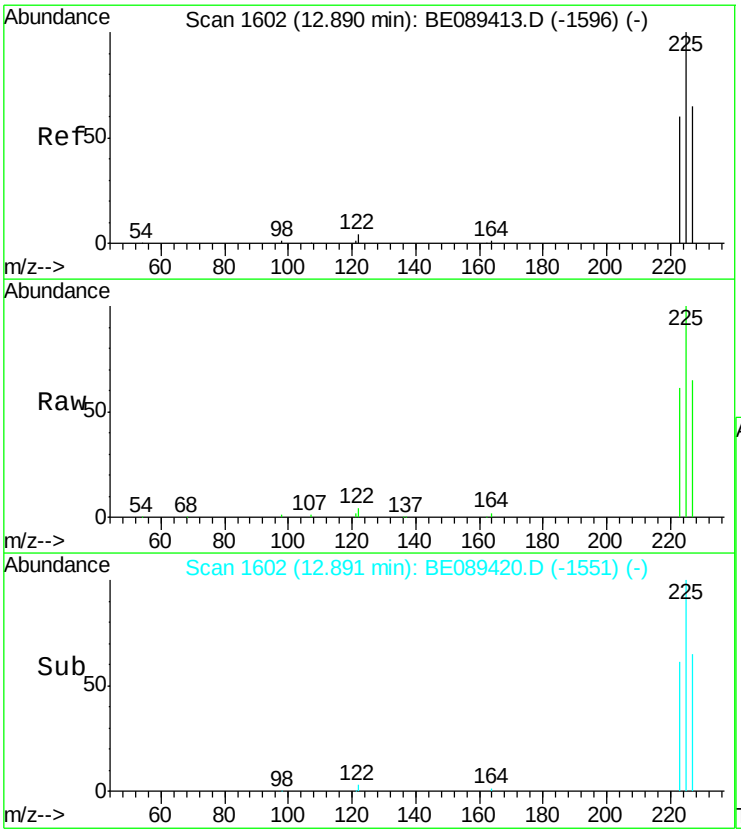
#11
2,4-Dichlorophenol
Concen: 6.31 ng
RT: 12.21 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:162 Resp: 155900

Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.1	86.1
98	48.2	16.2	56.2

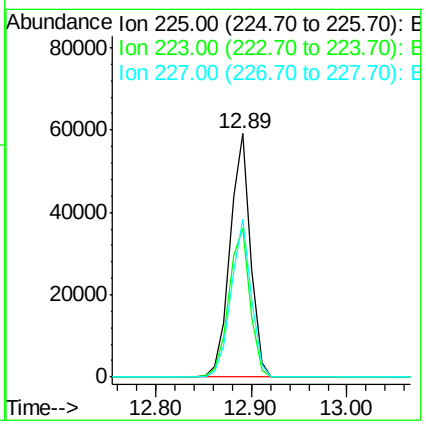


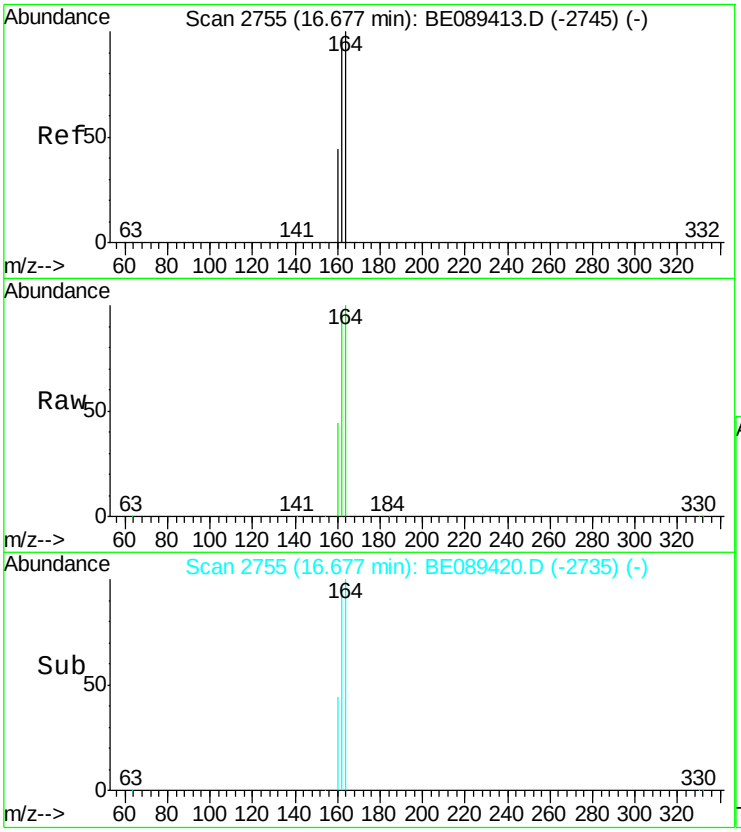


#12
Hexachlorobutadiene
Concen: 5.22 ng
RT: 12.89 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion:225 Resp: 86900

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	63.7	50.2	75.2



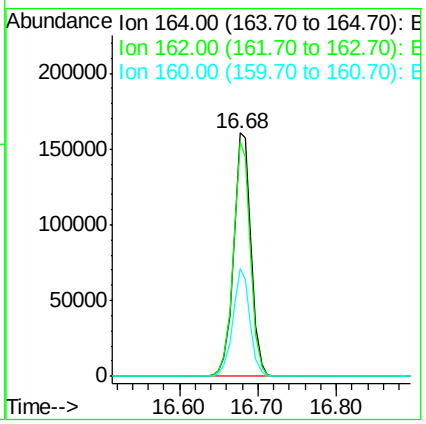


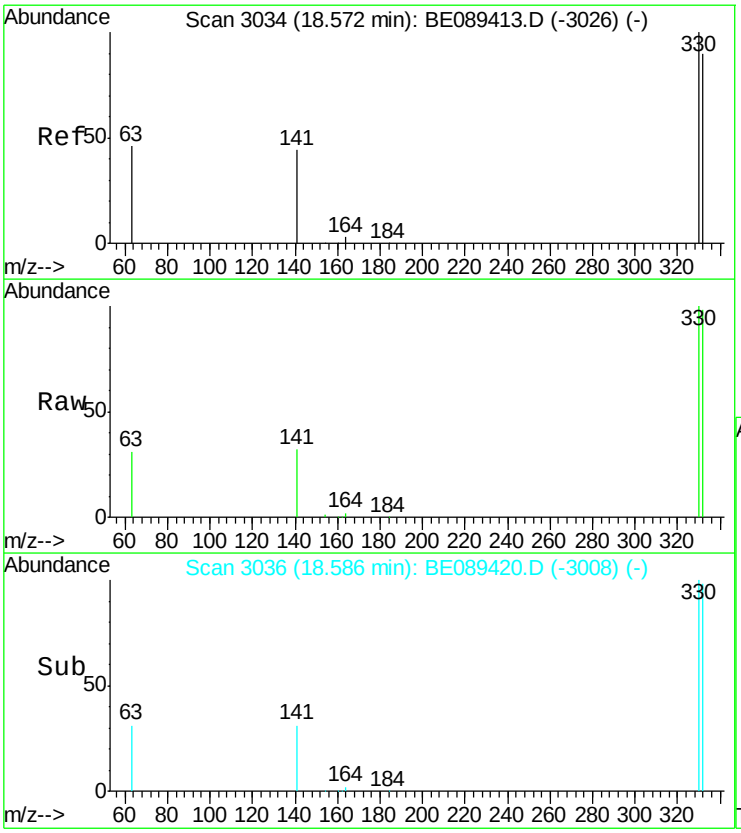
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 248870

Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.0	115.6
160	44.5	35.0	52.4

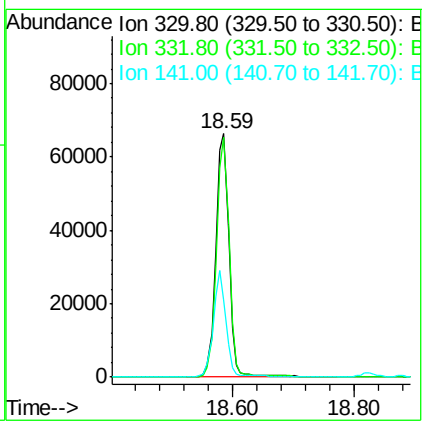


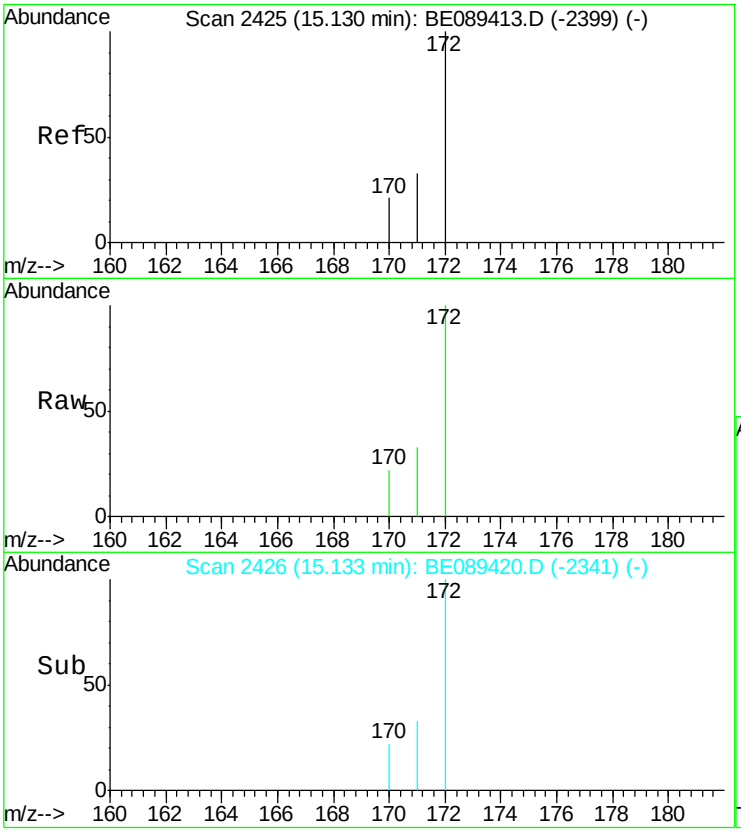


#14
2,4,6-Tribromophenol
Concen: 14.42 ng
RT: 18.59 min Scan# 3036
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion:330 Resp: 99014

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	41.3	35.6	53.4



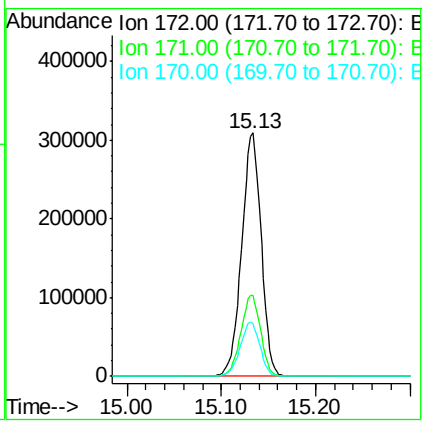


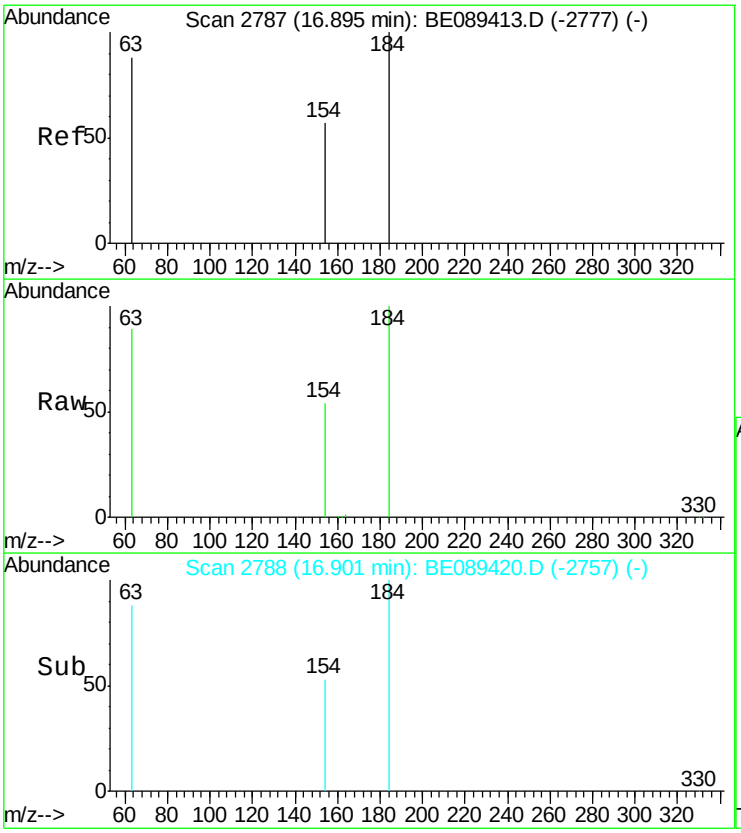
#15
2-Fluorobiphenyl
Concen: 6.38 ng
RT: 15.13 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 443001

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.6	39.8
170	21.9	17.1	25.7

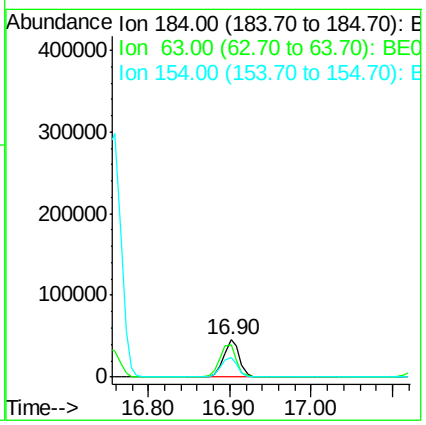


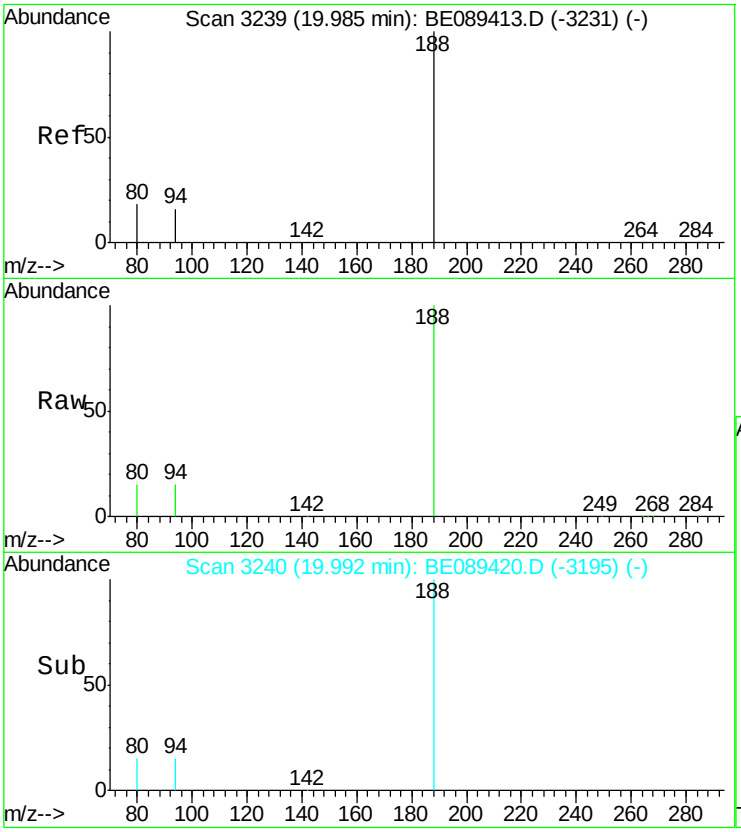


#16
2,4-Dinitrophenol
Concen: 34.02 ng
RT: 16.90 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion:184 Resp: 62071

Ion	Ratio	Lower	Upper
184	100		
63	88.8	79.0	118.4
154	54.0	55.8	83.6#



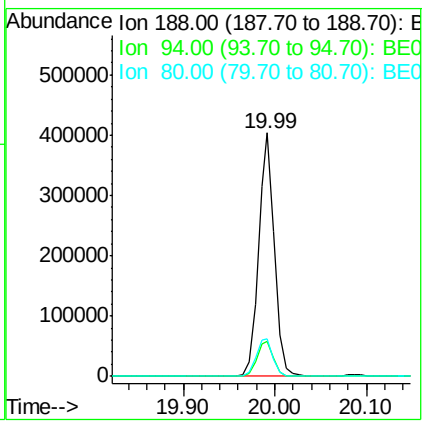


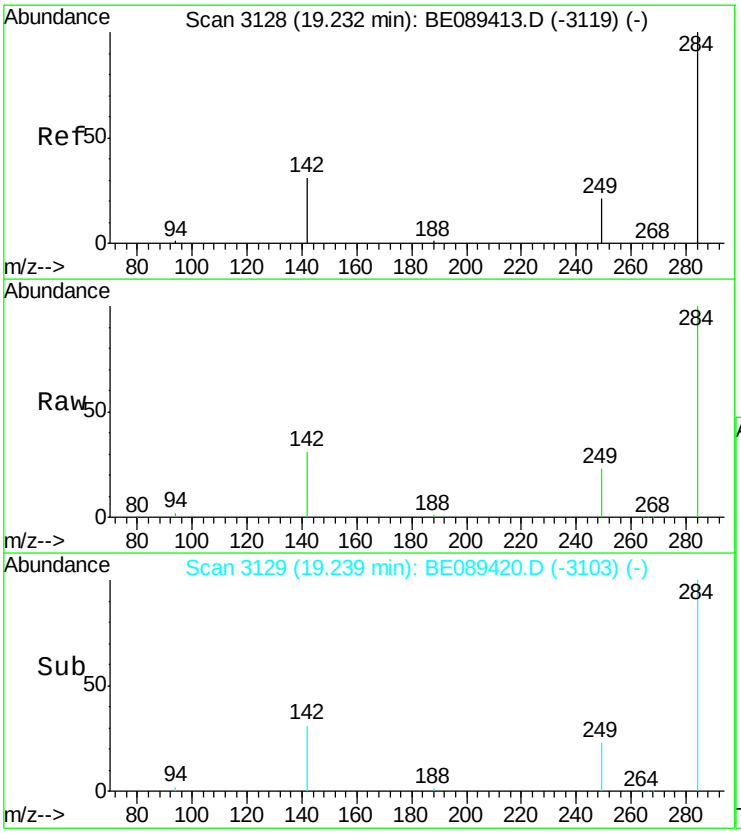
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 488111

Ion	Ratio	Lower	Upper
188	100		
94	14.6	13.0	19.6
80	15.2	14.2	21.4

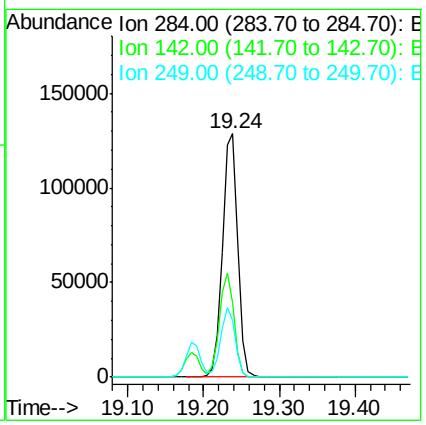


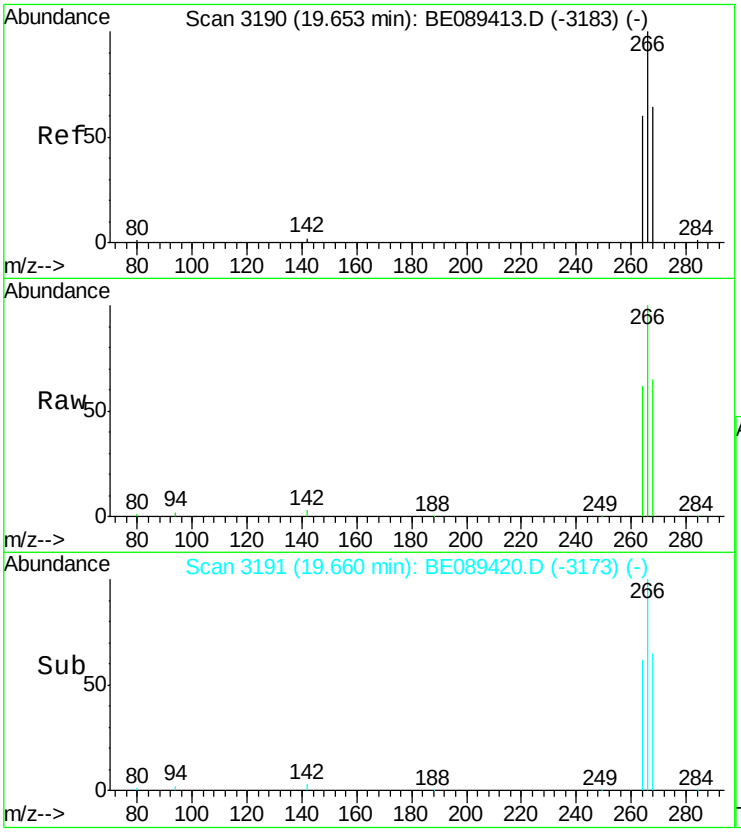


#18
Hexachlorobenzene
Concen: 7.52 ng
RT: 19.24 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion:284 Resp: 179900

Ion	Ratio	Lower	Upper
284	100		
142	30.8	28.3	42.5
249	23.2	19.9	29.9



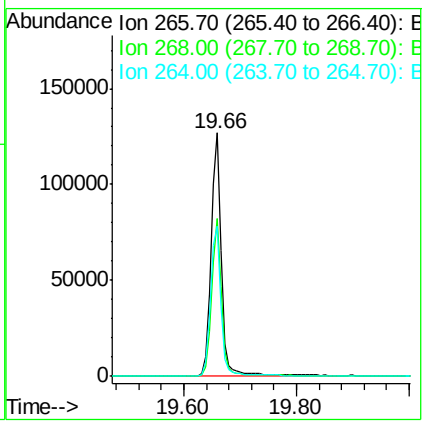


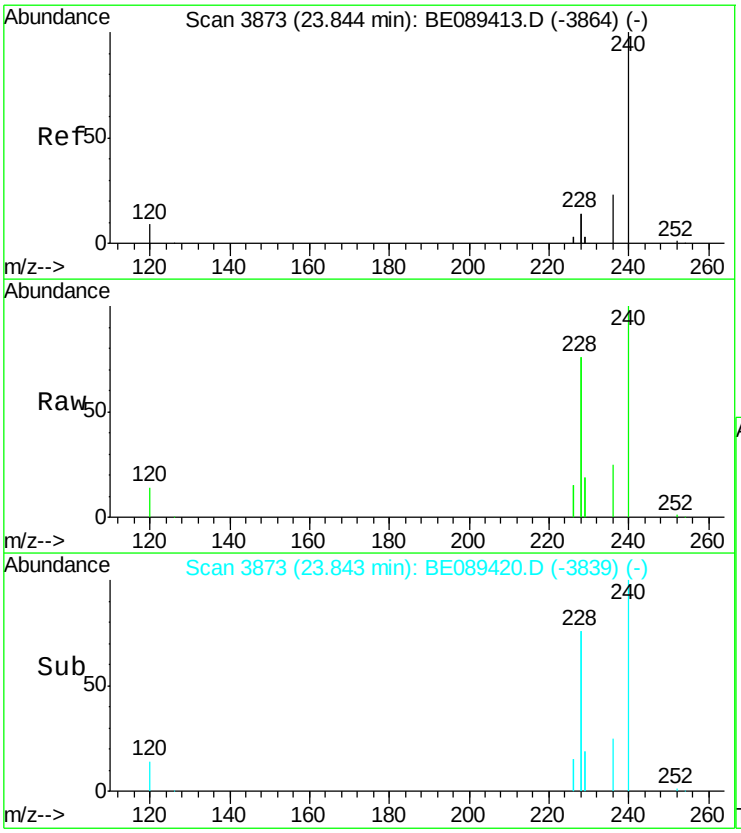
#19
Pentachlorophenol
Concen: 36.29 ng
RT: 19.66 min Scan# 3191
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 161951

Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.9	77.9
264	61.6	48.5	72.7

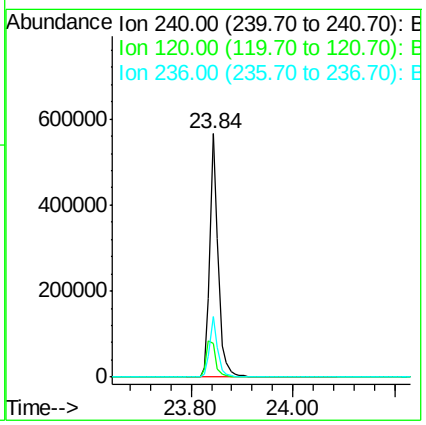


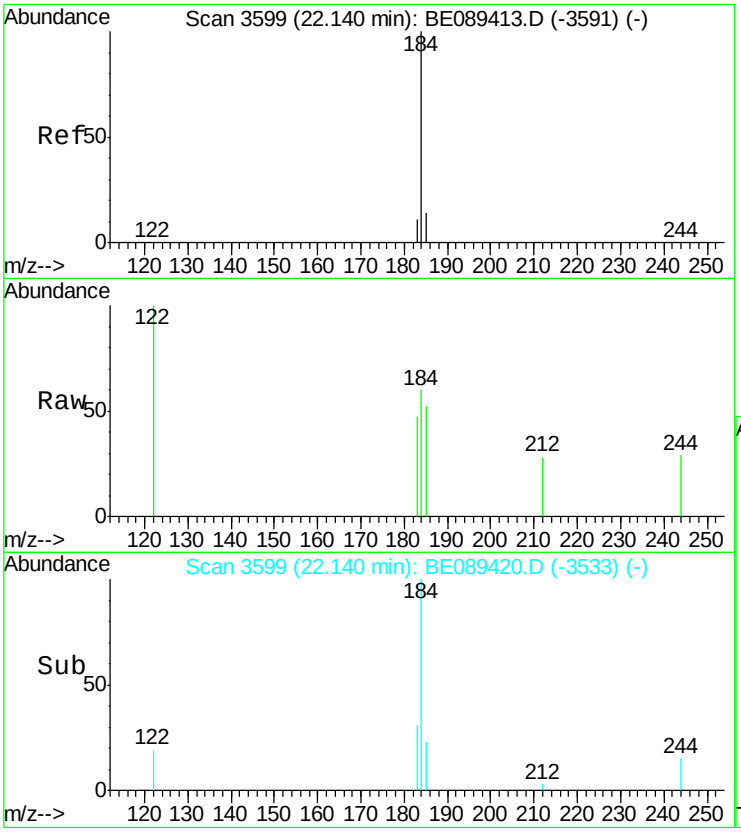


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion:240 Resp: 641613

Ion	Ratio	Lower	Upper
240	100		
120	14.0	6.9	10.3#
236	25.0	18.2	27.2



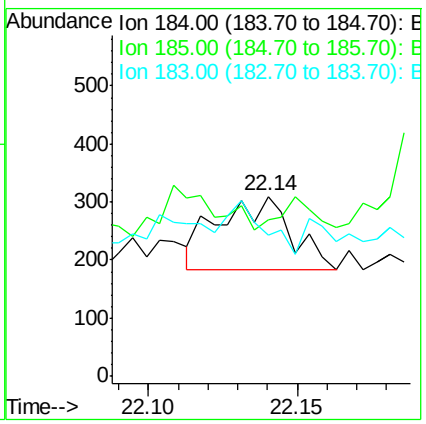


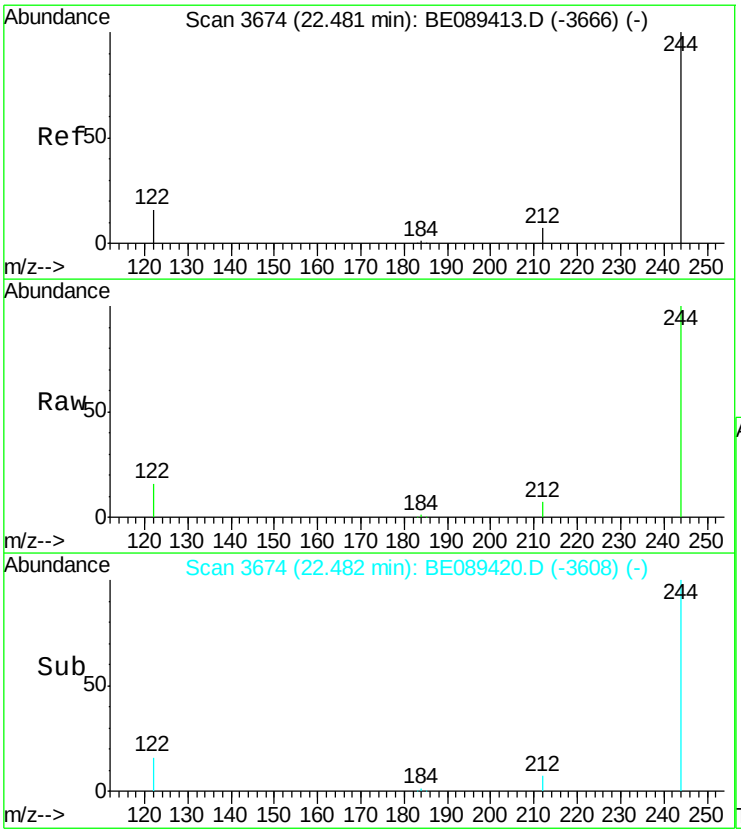
#21
Benzidine
Concen: 0.00 ng
RT: 22.14 min Scan# 3599
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:184 Resp: 216

Ion	Ratio	Lower	Upper
184	100		
185	87.1	11.0	16.6#
183	78.1	8.6	13.0#

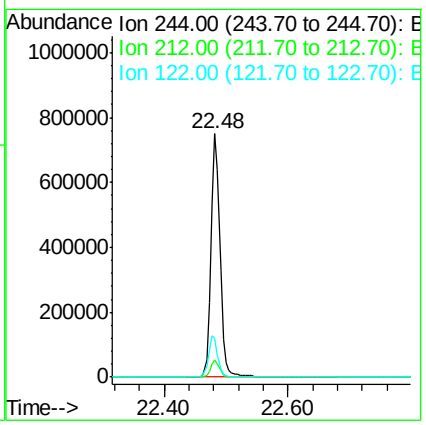


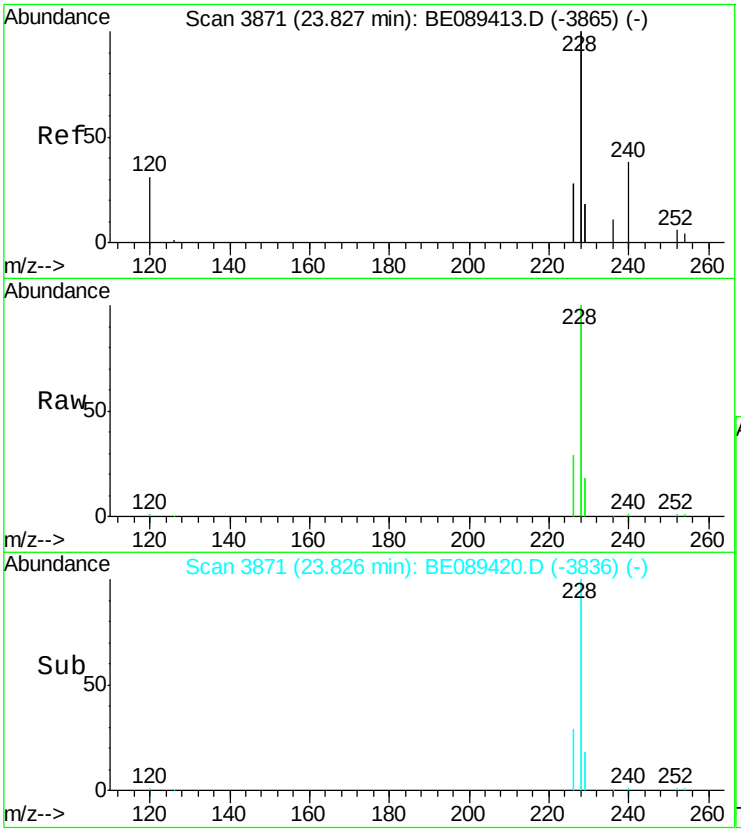


#22
Terphenyl-d14
Concen: 10.38 ng
RT: 22.48 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion:244 Resp: 770125

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	16.1	13.2	19.8



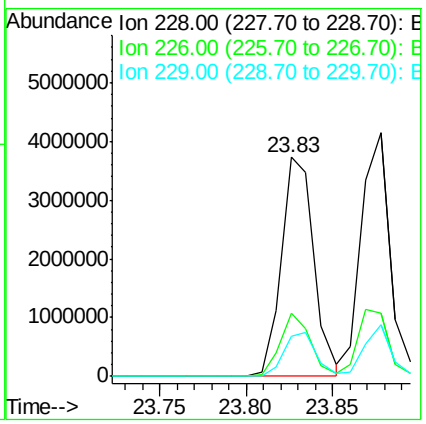


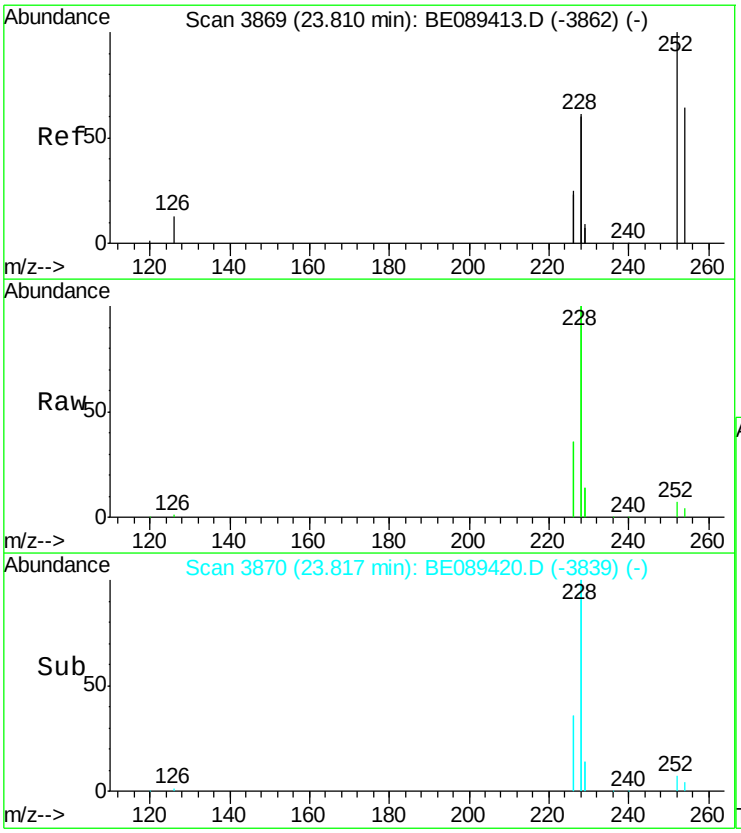
#23
Benzo(a)anthracene
Concen: 10.01 ng
RT: 23.83 min Scan# 3871
Delta R.T. -0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4888820

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	18.2	14.5	21.7

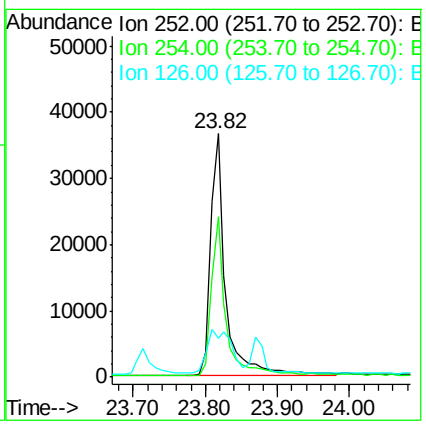


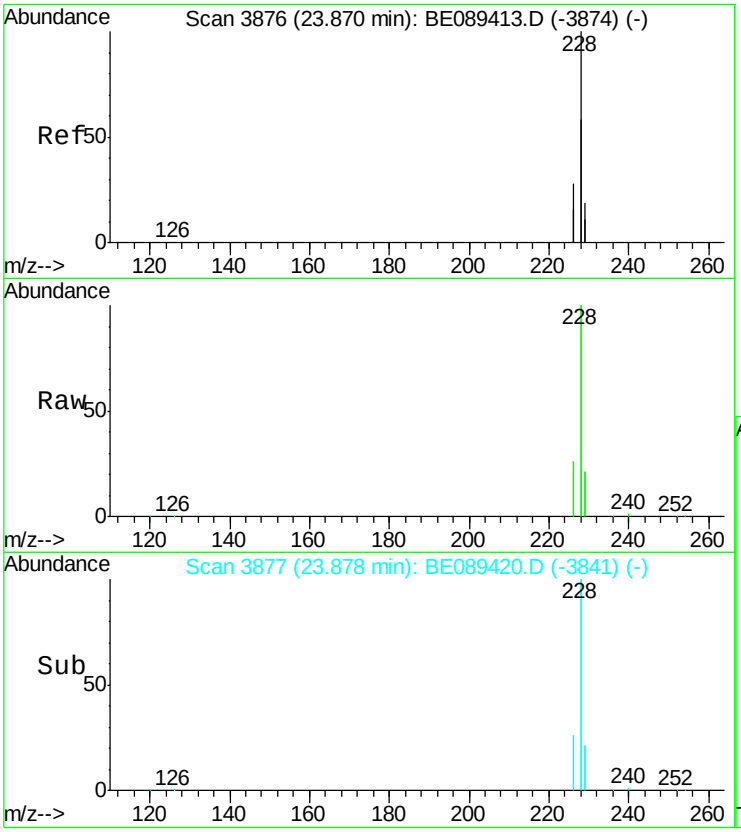


#24
3,3'-Dichlorobenzidine
Concen: 1.42 ng
RT: 23.82 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion:252 Resp: 54434

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.1	76.7
126	15.8	11.5	17.3



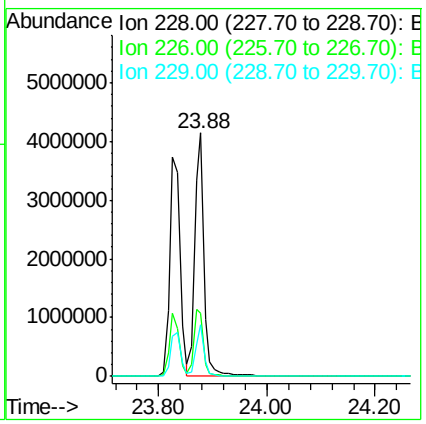


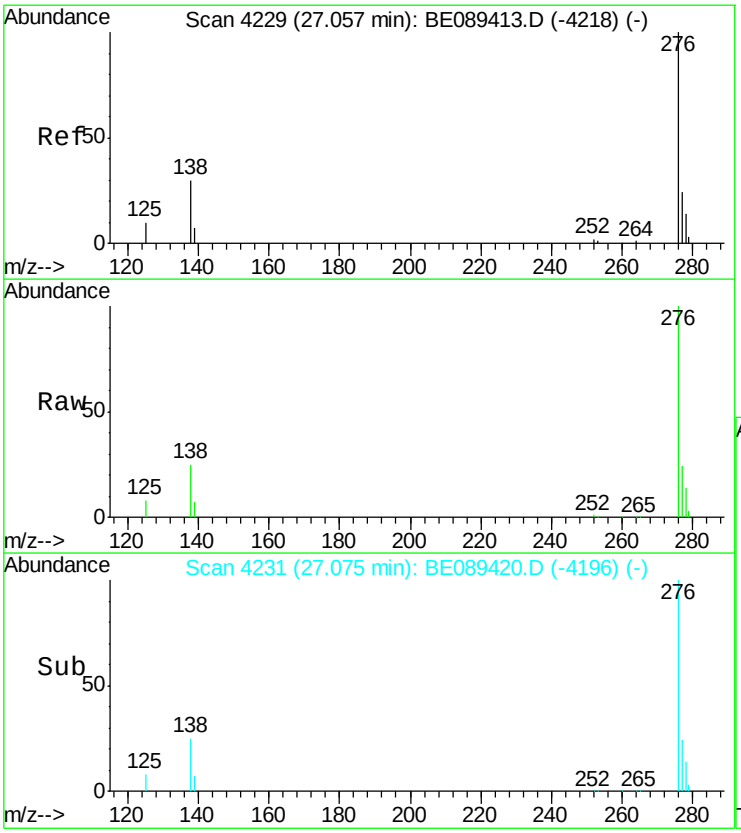
#25
Chrysene
Concen: 7.51 ng
RT: 23.88 min Scan# 3877
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5015573

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.6	33.8
229	21.4	15.5	23.3

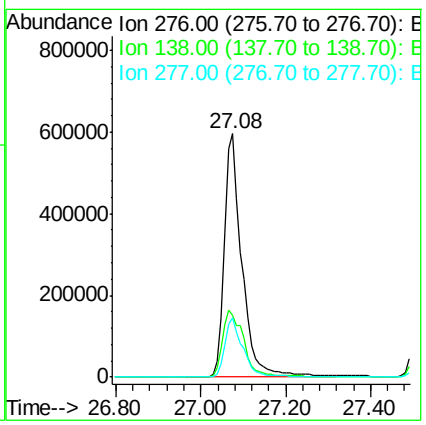


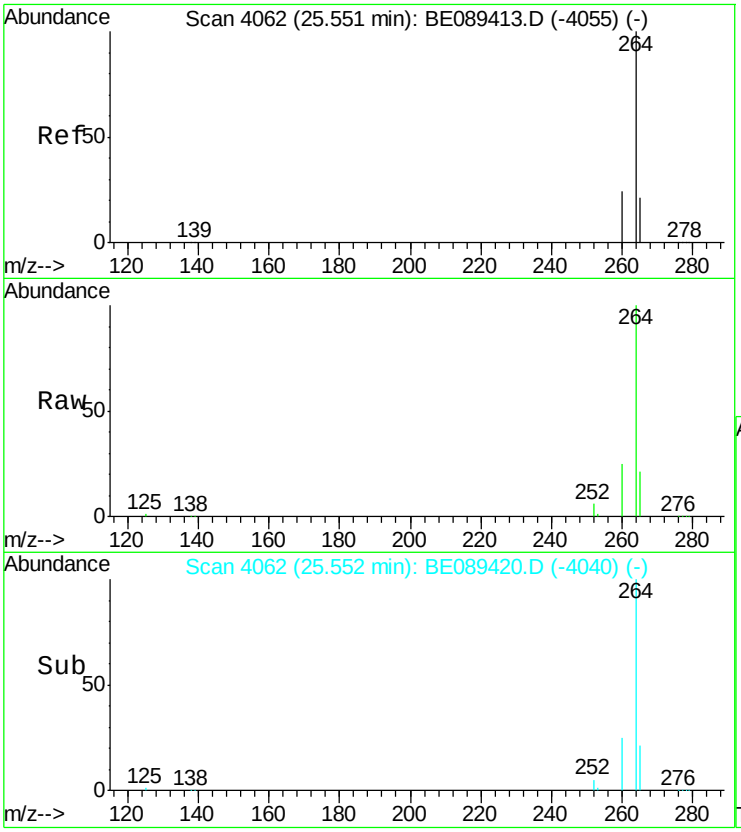


#26
Indeno(1,2,3-cd)pyrene
Concen: 14.87 ng
RT: 27.08 min Scan# 4231
Delta R.T. 0.02 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion:276 Resp: 1712550

Ion	Ratio	Lower	Upper
276	100		
138	33.3	0.0	0.0#
277	25.1	0.0	0.0#



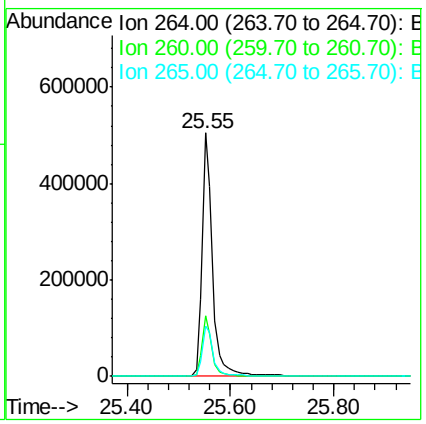


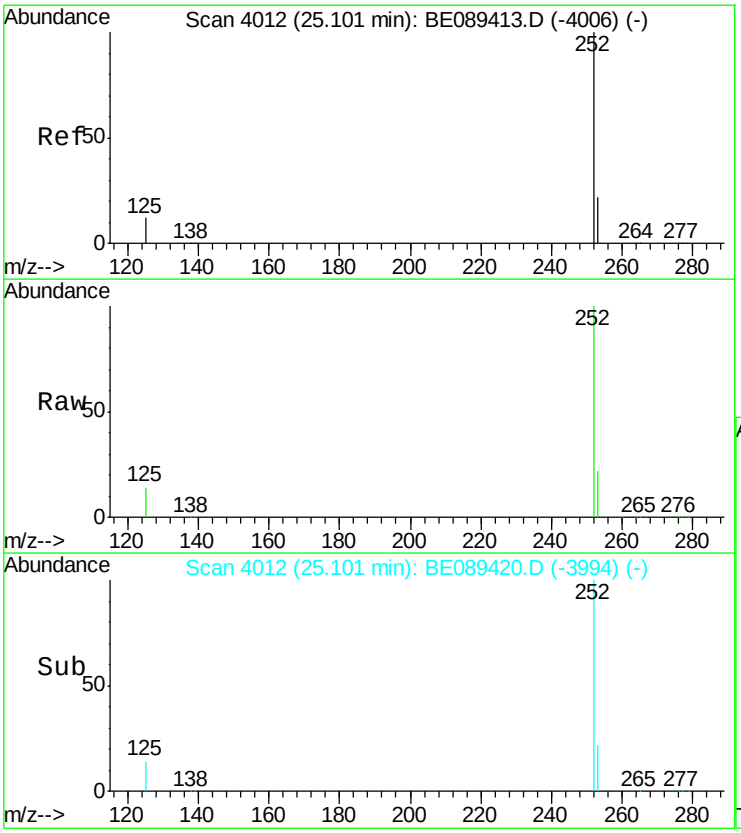
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.55 min Scan# 4062
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 722031

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	20.9	17.1	25.7

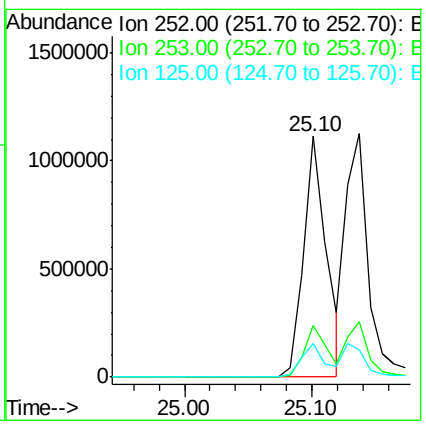


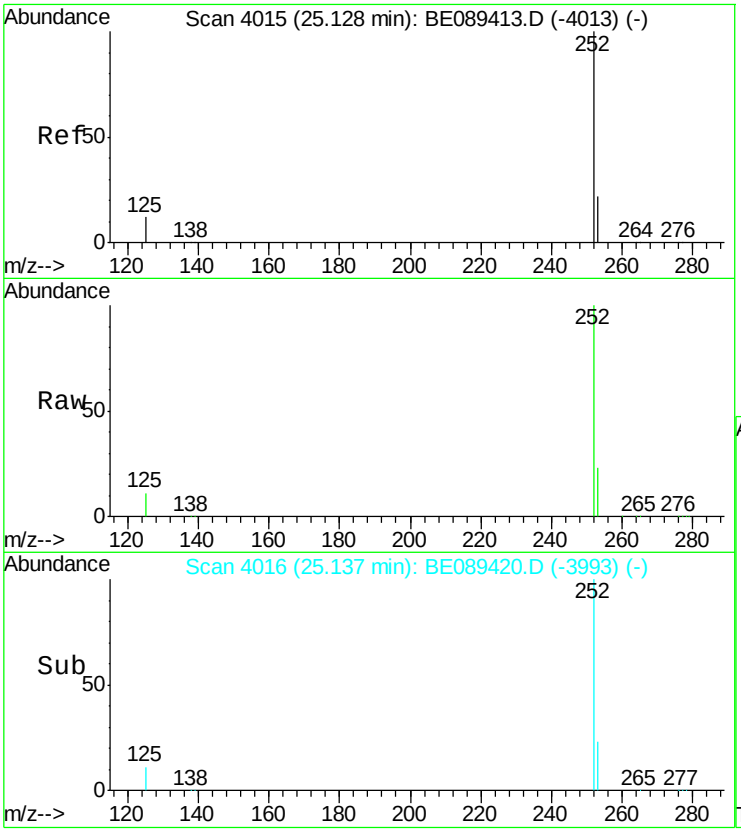


#28
Benzo(b)fluoranthene
Concen: 19.37 ng
RT: 25.10 min Scan# 4012
Delta R.T. 0.00 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion:252 Resp: 1378277

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	14.0	10.5	15.7



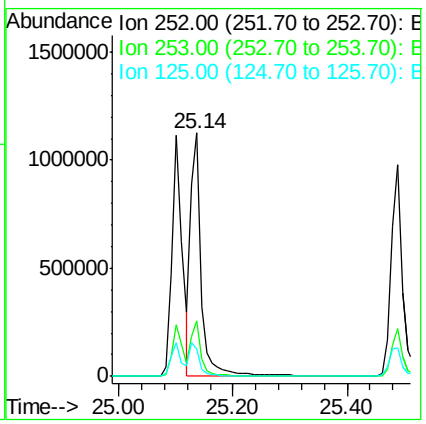


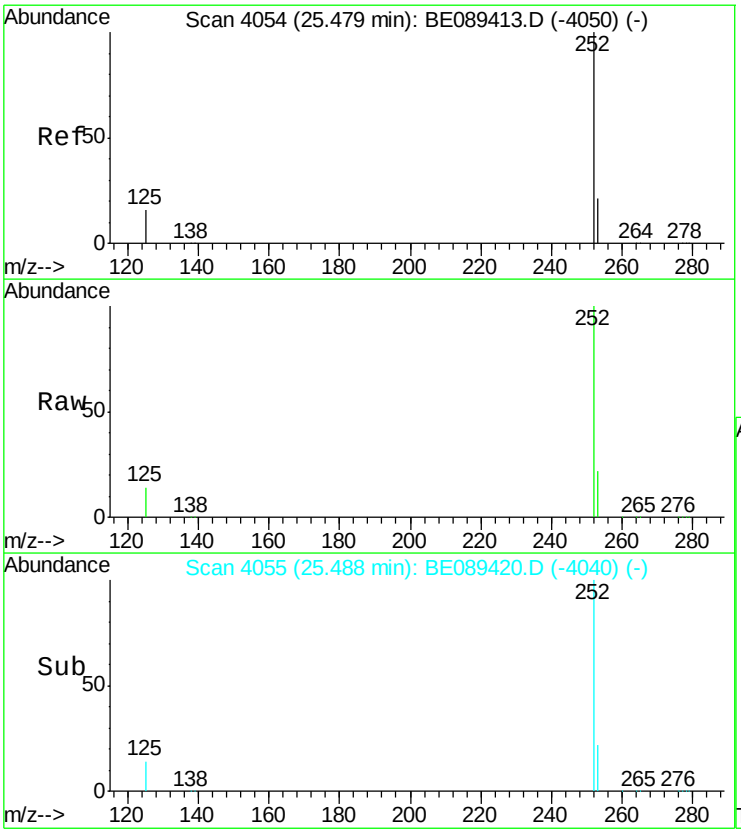
#29
Benzo(k)fluoranthene
Concen: 7.76 ng
RT: 25.14 min Scan# 4016
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1458118

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	11.3	11.0	16.6

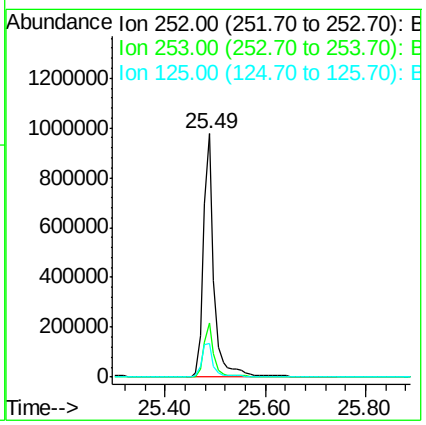


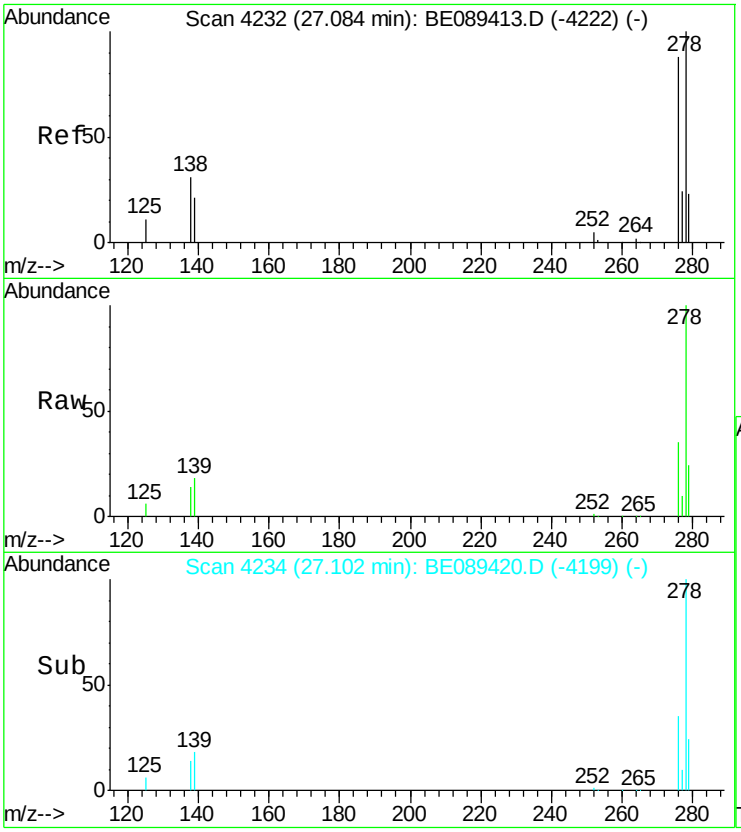


#30
Benzo(a)pyrene
Concen: 15.92 ng
RT: 25.49 min Scan# 4055
Delta R.T. 0.01 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Tgt Ion:252 Resp: 1401917

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	13.7	13.0	19.6





#31
Dibenzo(a,h)anthracene
Concen: 17.17 ng
RT: 27.10 min Scan# 4234
Delta R.T. 0.02 min
Lab File: BE089420.D
Acq: 29 Jan 2015 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 1507646

Ion	Ratio	Lower	Upper
278	100		
139	17.6	17.2	25.8
279	24.0	19.2	28.8