Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089470.D
Acq On : 3 Feb 2015 18:54
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.5

Quant Time: Feb 04 00:32:30 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 04 00:22:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.52	152	57865	5.00	ng		0.00
7) Naphthalene-d8	12.43	136	228947	5.00	ng		0.00
13) Acenaphthene-d10	16.61	164	98569	5.00	ng		0.00
17) Phenanthrene-d10	19.93	188	189949	5.00	ng		0.00
20) Chrysene-d12	23.78	240	187798	5.00	ng		0.00
27) Perylene-d12	25.49	264	175236	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.72	112	9245	0.48	ng		0.00
4) Phenol-d6	8.83	99	11574	0.51	ng		0.00
8) Nitrobenzene-d5	10.79	82	8372	0.50	ng		0.00
14) 2,4,6-Tribromophenol	18.51	330	1457	0.57	ng		0.00
15) 2-Fluorobiphenyl	15.06	172	12910	0.47	ng		0.00
22) Terphenyl-d14	22.43	244	13055	0.60	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.58	42	4984	0.54	ng	#	79
5) Phenol	8.86	94	11438	0.47	ng	#	64
6) bis(2-Chloroethyl)ether	9.01	93	9177	0.51	ng	#	100
9) Nitrobenzene	10.83	77	9589	0.51	ng		100
10) 2,4-Dimethylphenol	11.77	122	6944	0.51	ng		99
11) 2,4-Dichlorophenol	12.15	162	5103	0.50	ng		97
12) Hexachlorobutadiene	12.81	225	3499	0.48	ng		98
16) 2,4-Dinitrophenol	16.84	184	119	0.20	ng	#	79
18) Hexachlorobenzene	19.16	284	4934	0.49	ng	#	82
19) Pentachlorophenol	19.61	266	363	0.31	ng		91
21) Benzidine	22.09	184	3384	0.25	ng		98
23) Benzo(a)anthracene	23.77	228	81685	0.54	ng		99
24) 3,3'-Dichlorobenzidine	23.76	252	5837	0.44	ng		97
25) Chrysene	23.82	228	86438	0.48	ng		99
26) Indeno(1,2,3-cd)pyrene	26.96	276	16510	0.31	ng	#	80
28) Benzo(b)fluoranthene	25.04	252	11960	0.50	ng		98
29) Benzo(k)fluoranthene	25.07	252	23725	0.54	ng		97
30) Benzo(a)pyrene	25.42	252	12588	0.47	ng		98
31) Dibenzo(a,h)anthracene	26.99	278	12647	0.39	ng		97

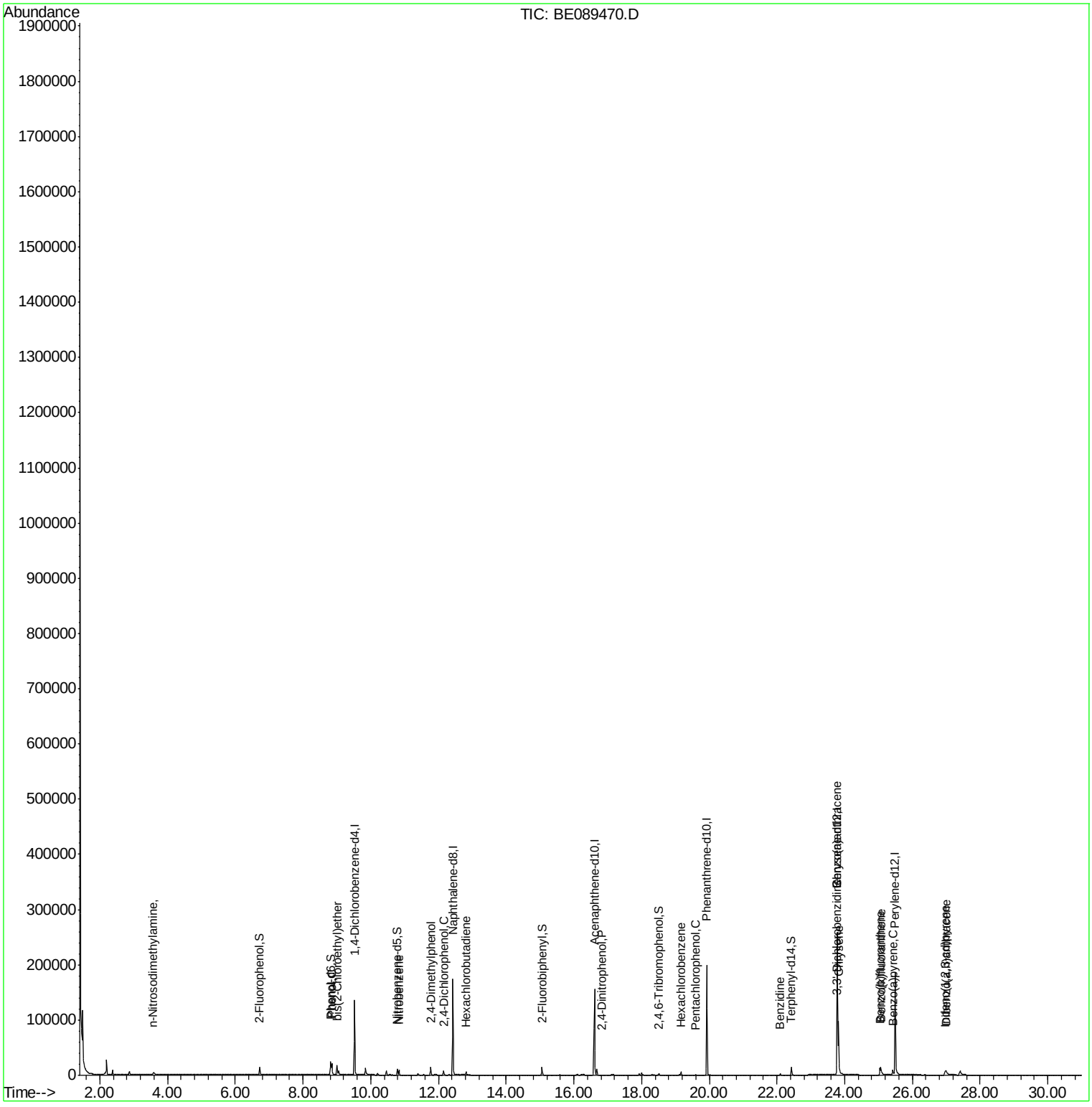
(#) = qualifier out of range (m) = manual integration (+) = signals summed

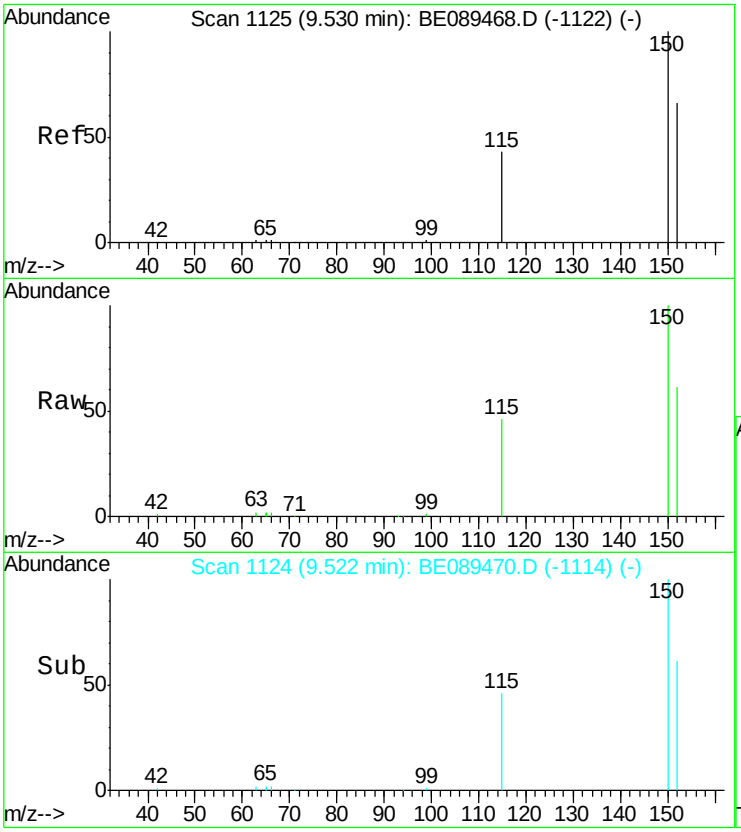
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089470.D
Acq On : 3 Feb 2015 18:54
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Quant Time: Feb 04 00:32:30 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 04 00:22:17 2015
Response via : Initial Calibration



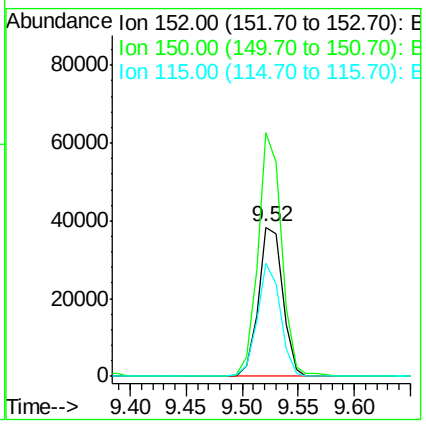


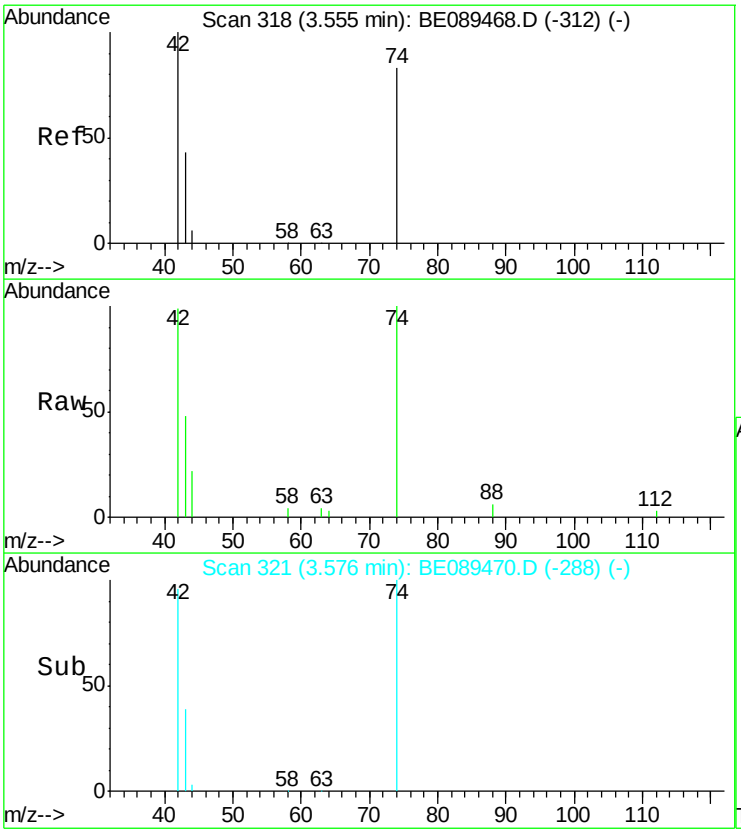
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.52 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 57865

Ion	Ratio	Lower	Upper
152	100		
150	162.9	122.1	183.1
115	75.5	53.2	79.8

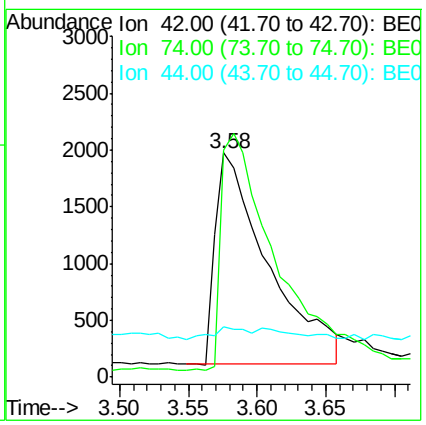


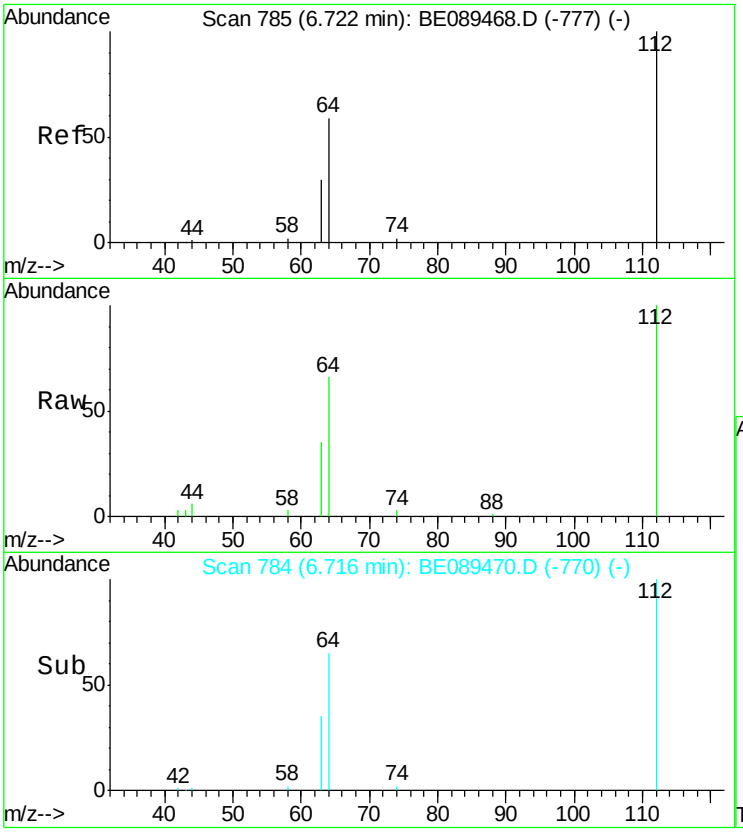


#2
n-Nitrosodimethylamine
Concen: 0.54 ng
RT: 3.58 min Scan# 321
Delta R.T. 0.02 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion: 42 Resp: 4984

Ion	Ratio	Lower	Upper
42	100		
74	101.3	65.4	98.2#
44	22.5	11.7	17.5#



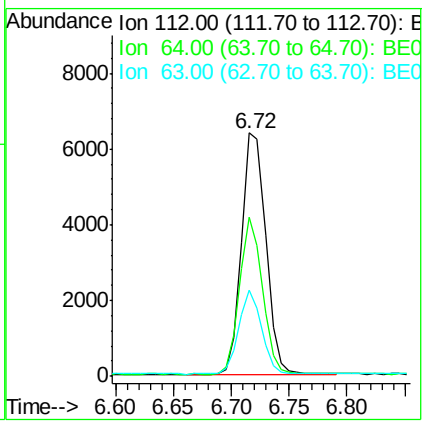


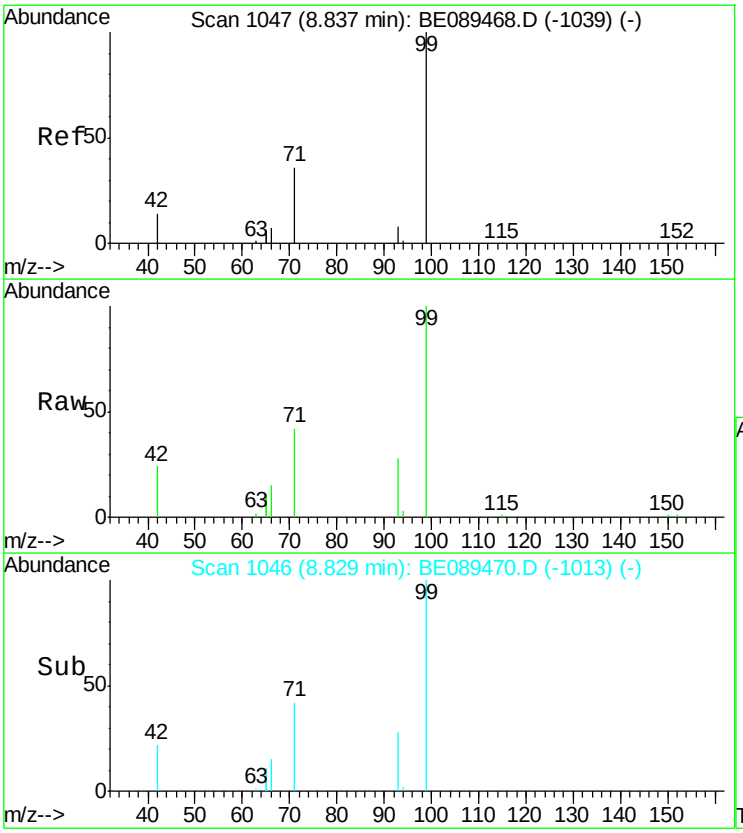
#3
2-Fluorophenol
Concen: 0.48 ng
RT: 6.72 min Scan# 784
Delta R.T. -0.01 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:112 Resp: 9245

Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.0	70.6
63	35.3	24.2	36.2

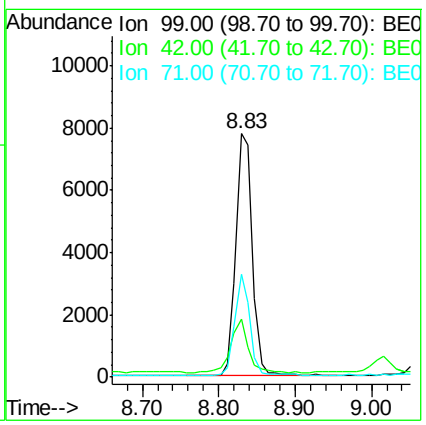


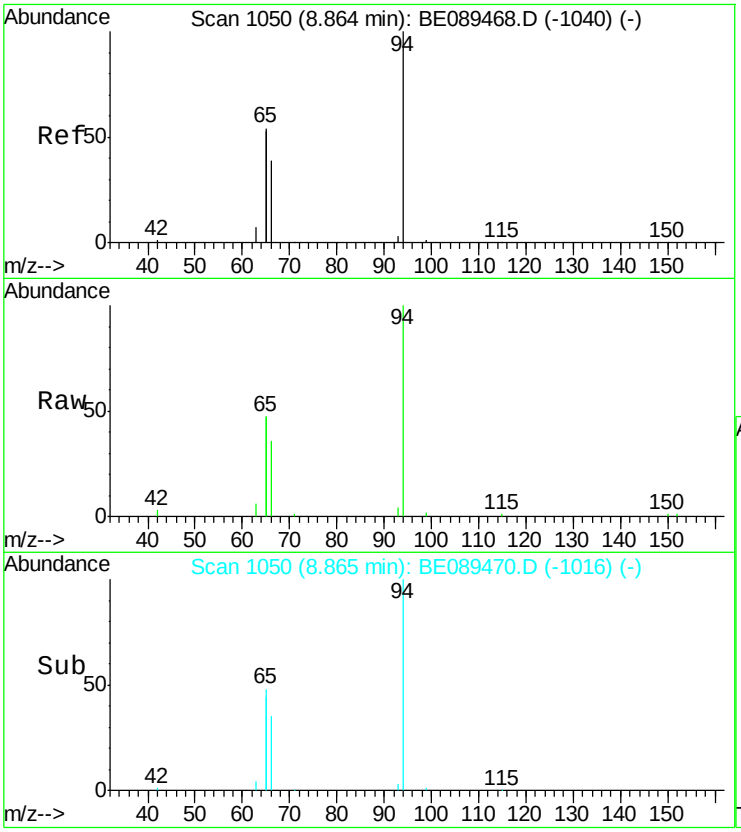


#4
Phenol-d6
Concen: 0.51 ng
RT: 8.83 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion: 99 Resp: 11574

Ion	Ratio	Lower	Upper
99	100		
42	23.9	11.8	17.6#
71	42.3	28.7	43.1



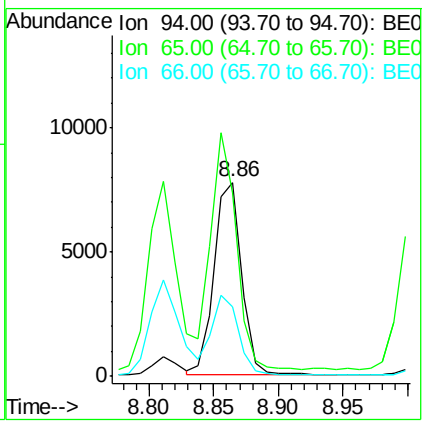


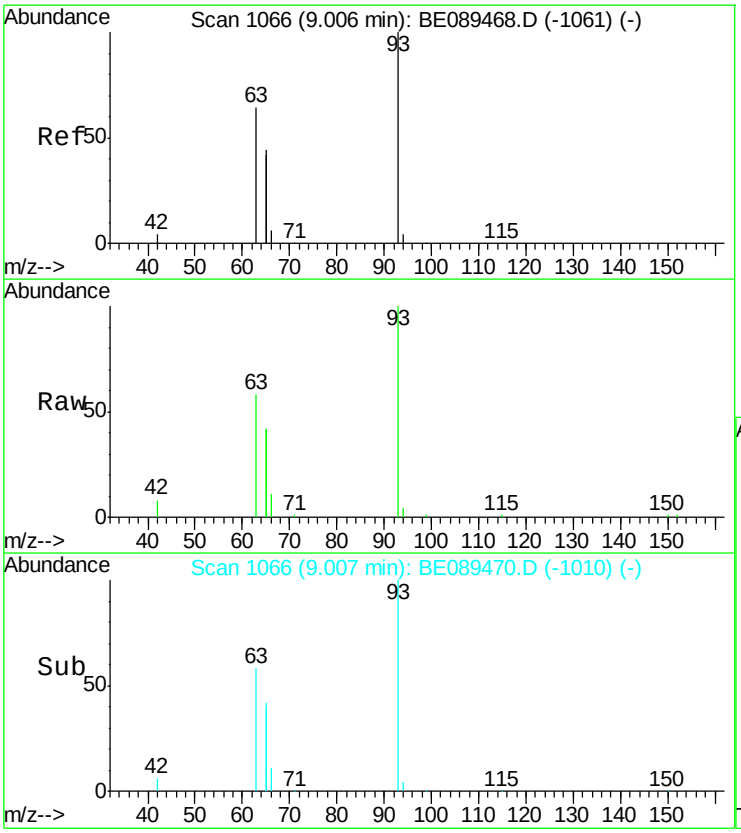
#5
Phenol
Concen: 0.47 ng
RT: 8.86 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion: 94 Resp: 11438

Ion	Ratio	Lower	Upper
94	100		
65	94.8	33.9	73.9#
66	35.6	19.1	59.1

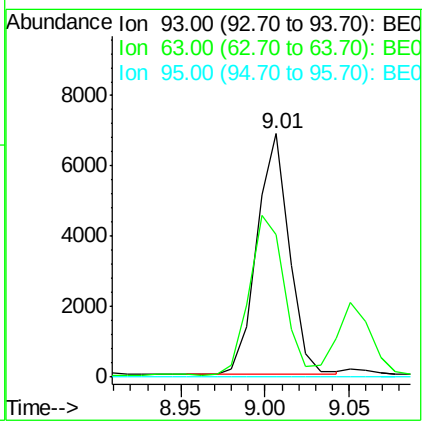


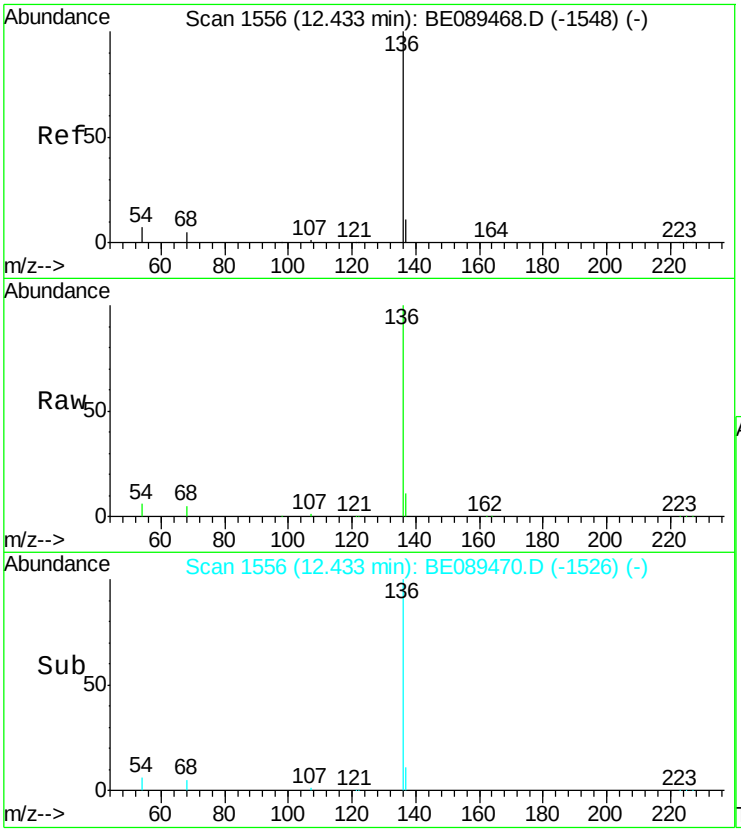


#6
bis(2-Chloroethyl)ether
Concen: 0.51 ng
RT: 9.01 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion: 93 Resp: 9177

Ion	Ratio	Lower	Upper
93	100		
63	71.6	57.0	85.6
95	0.0	0.0	0.0



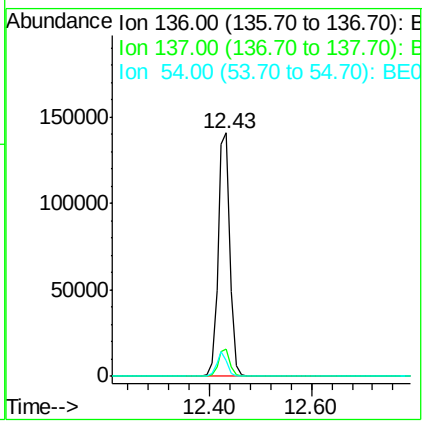


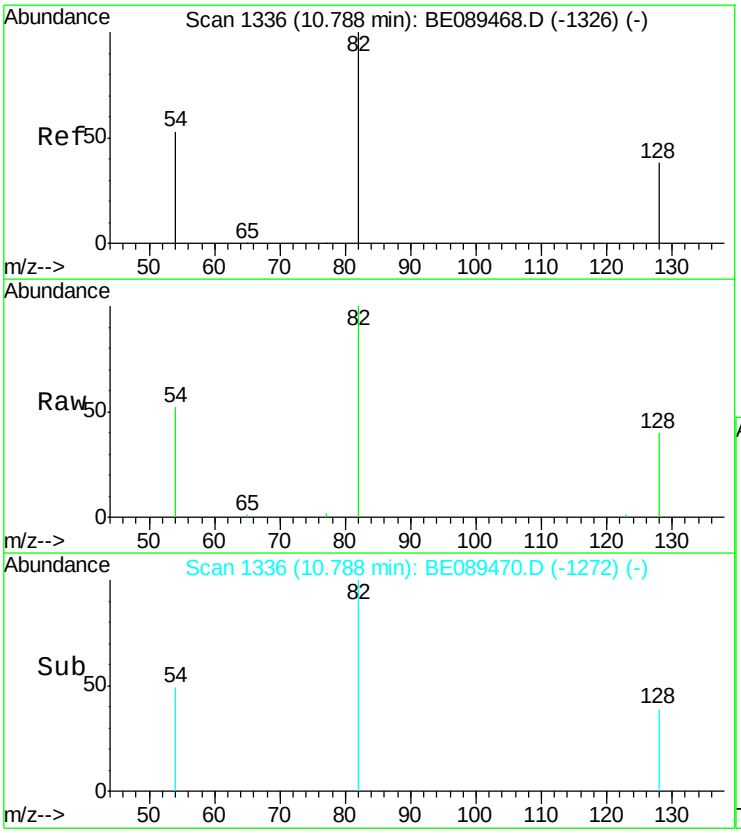
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.43 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 228947

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.3	5.4	8.0

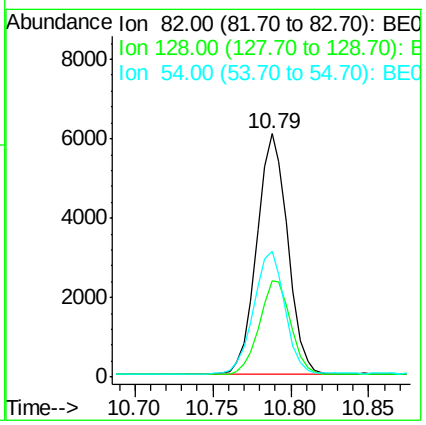


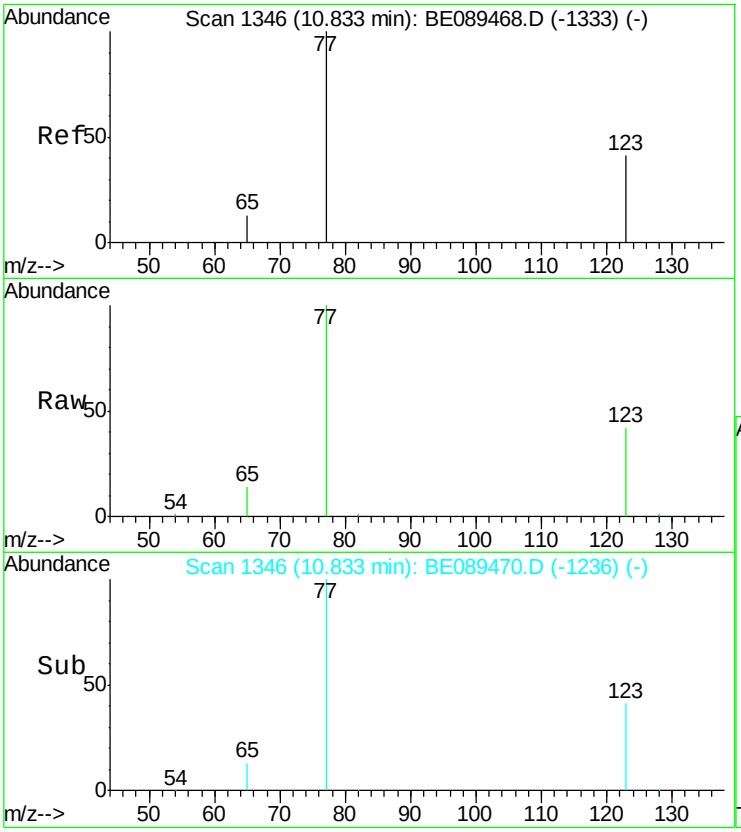


#8
Nitrobenzene-d5
Concen: 0.50 ng
RT: 10.79 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion: 82 Resp: 8372

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.3	45.5
54	51.8	43.1	64.7



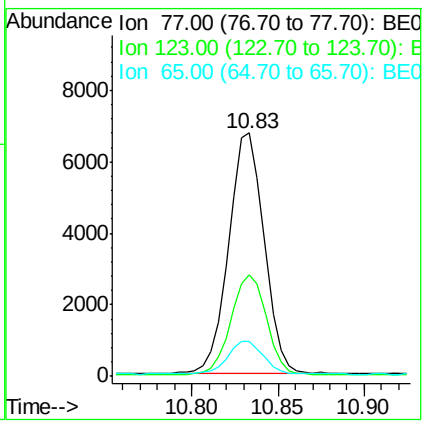


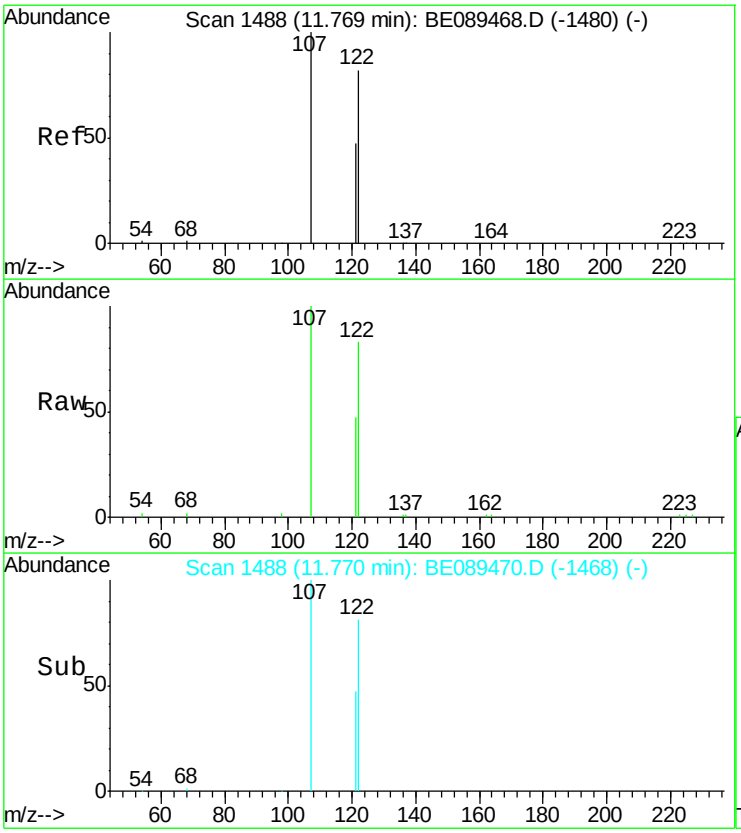
#9
Nitrobenzene
Concen: 0.51 ng
RT: 10.83 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion: 77 Resp: 9589

Ion	Ratio	Lower	Upper
77	100		
123	41.5	33.4	50.0
65	13.5	10.9	16.3

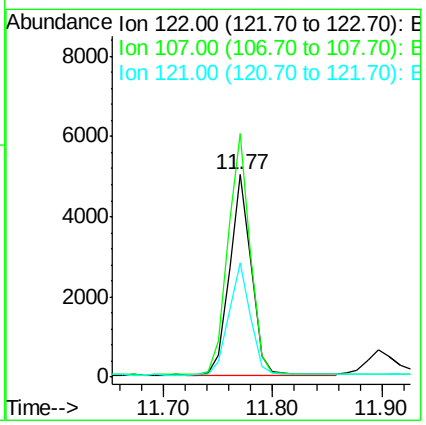


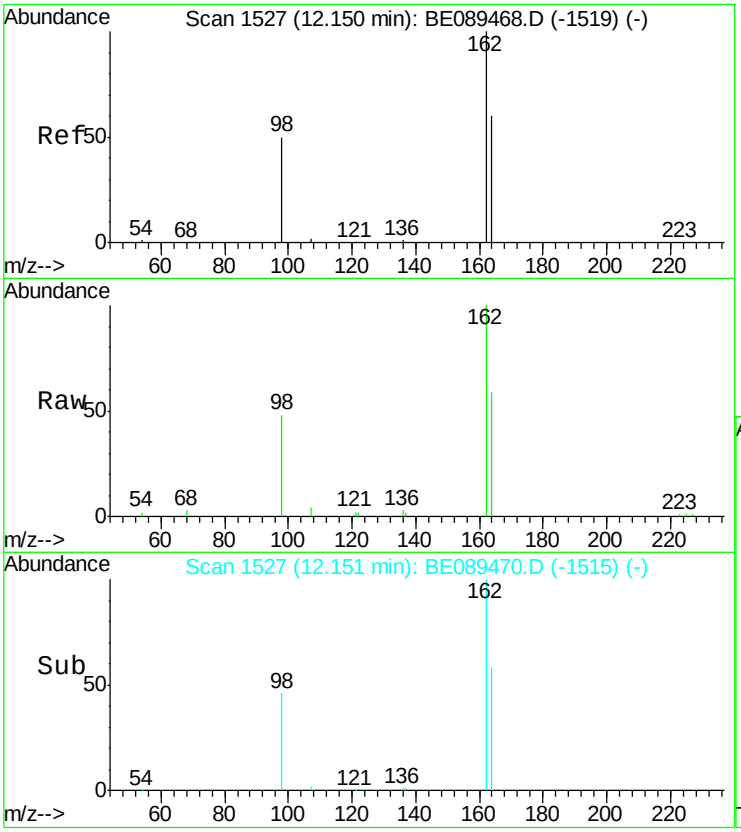


#10
2,4-Dimethylphenol
Concen: 0.51 ng
RT: 11.77 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion:122 Resp: 6944

Ion	Ratio	Lower	Upper
122	100		
107	120.4	97.3	145.9
121	56.6	46.4	69.6



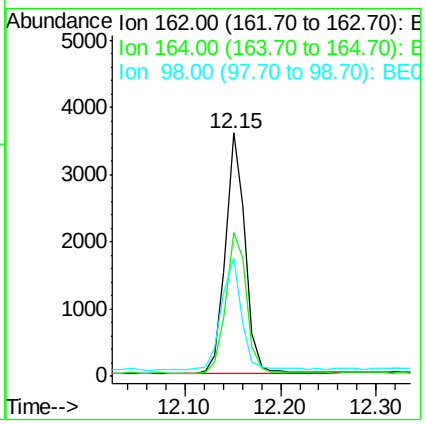


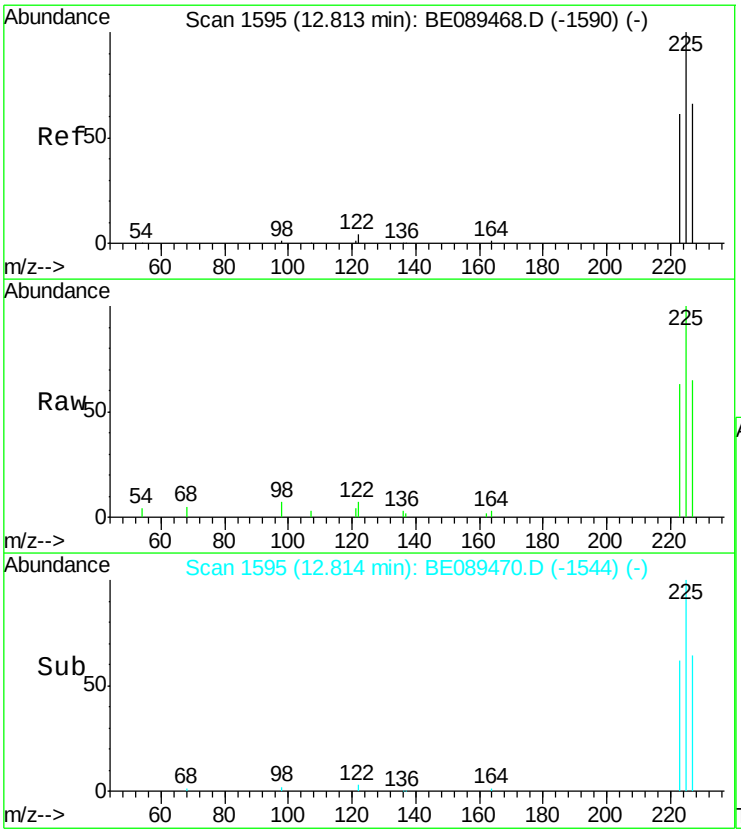
#11
2,4-Dichlorophenol
Concen: 0.50 ng
RT: 12.15 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:162 Resp: 5103

Ion	Ratio	Lower	Upper
162	100		
164	59.0	39.9	79.9
98	48.4	31.3	71.3

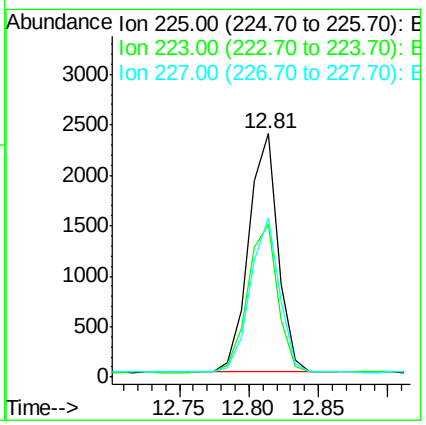


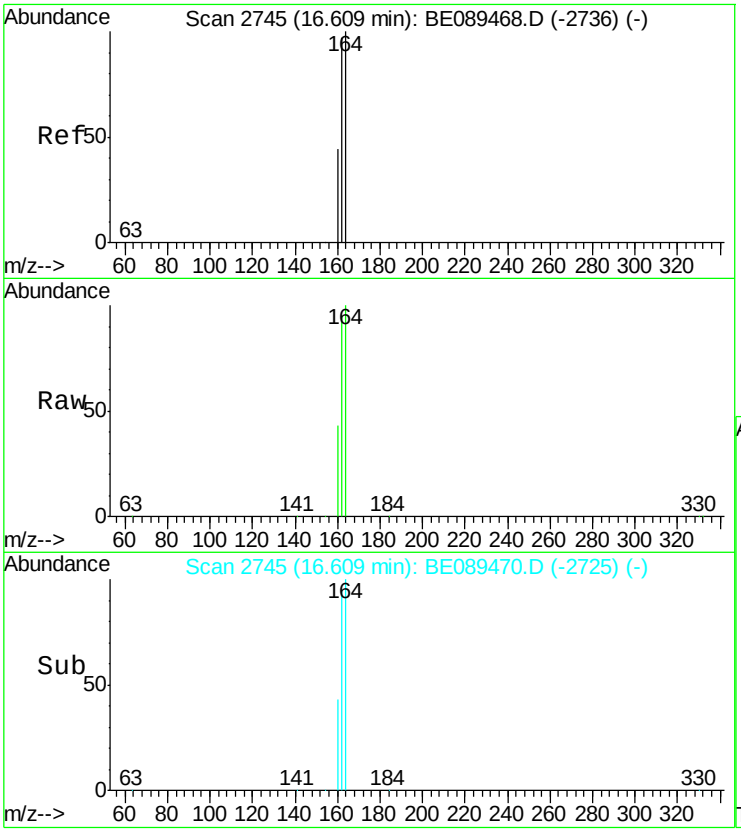


#12
Hexachlorobutadiene
Concen: 0.48 ng
RT: 12.81 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion:225 Resp: 3499

Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.4	74.0
227	64.5	51.2	76.8



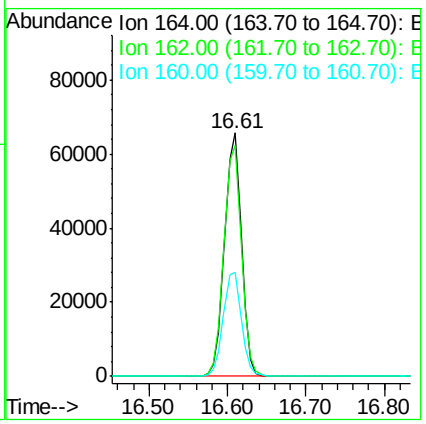


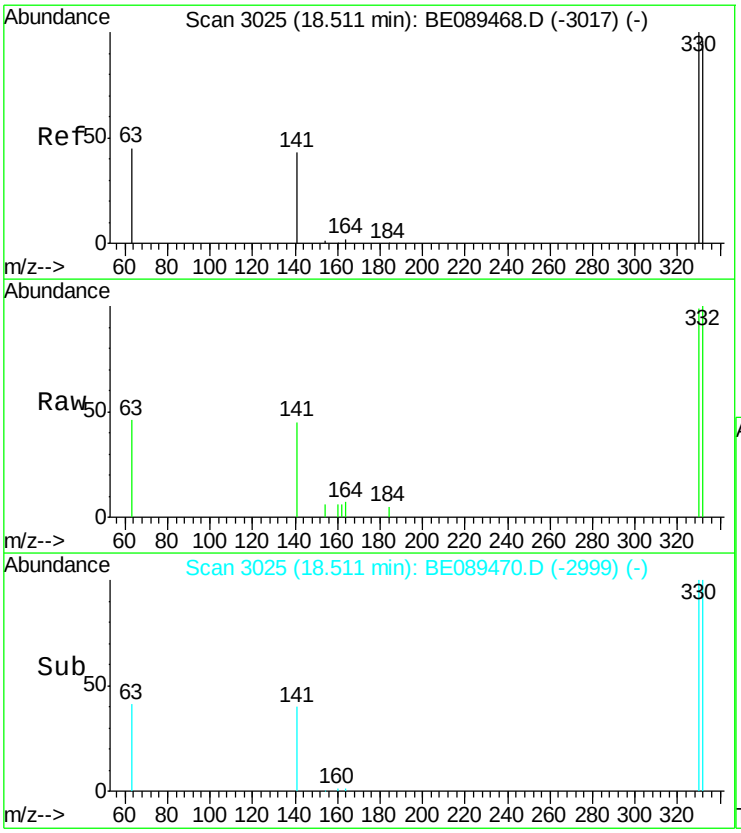
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.61 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:164 Resp: 98569

Ion	Ratio	Lower	Upper
164	100		
162	94.5	77.6	116.4
160	42.6	35.6	53.4

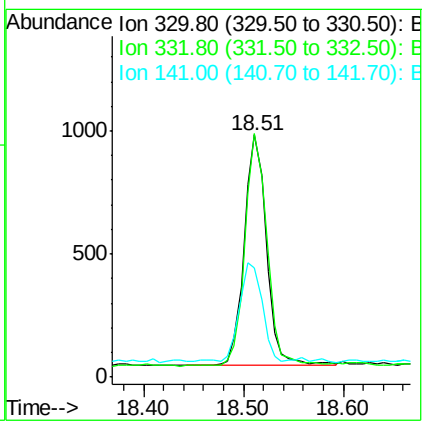


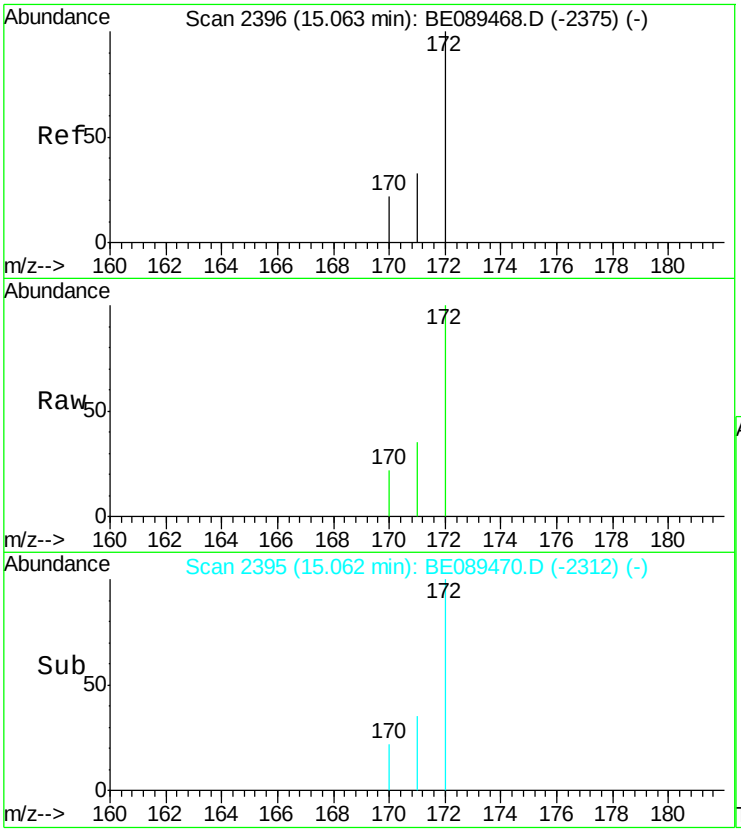


#14
2,4,6-Tribromophenol
Concen: 0.57 ng
RT: 18.51 min Scan# 3025
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion:330 Resp: 1457

Ion	Ratio	Lower	Upper
330	100		
332	101.4	78.0	117.0
141	42.1	33.8	50.6



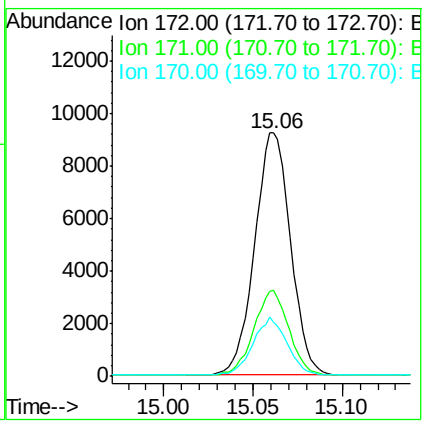


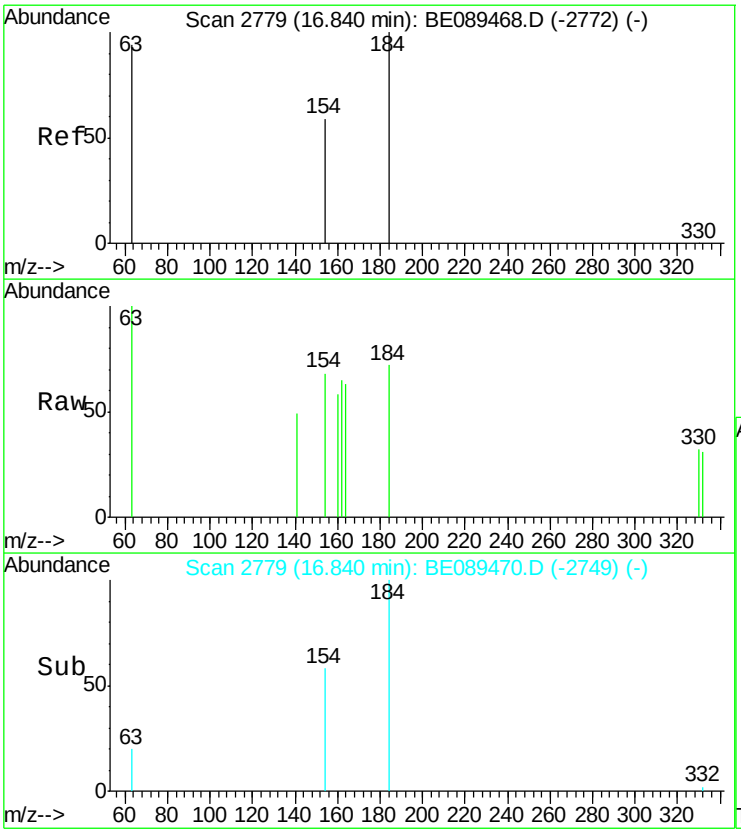
#15
2-Fluorobiphenyl
Concen: 0.47 ng
RT: 15.06 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 12910

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.8	40.2
170	22.5	17.7	26.5

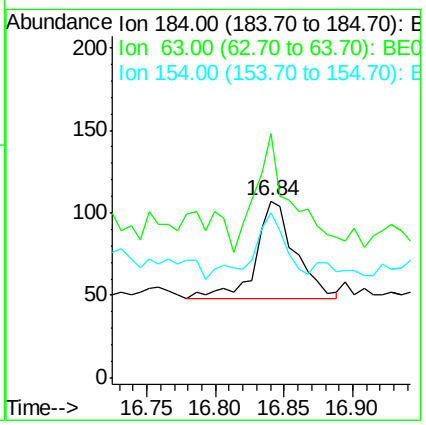


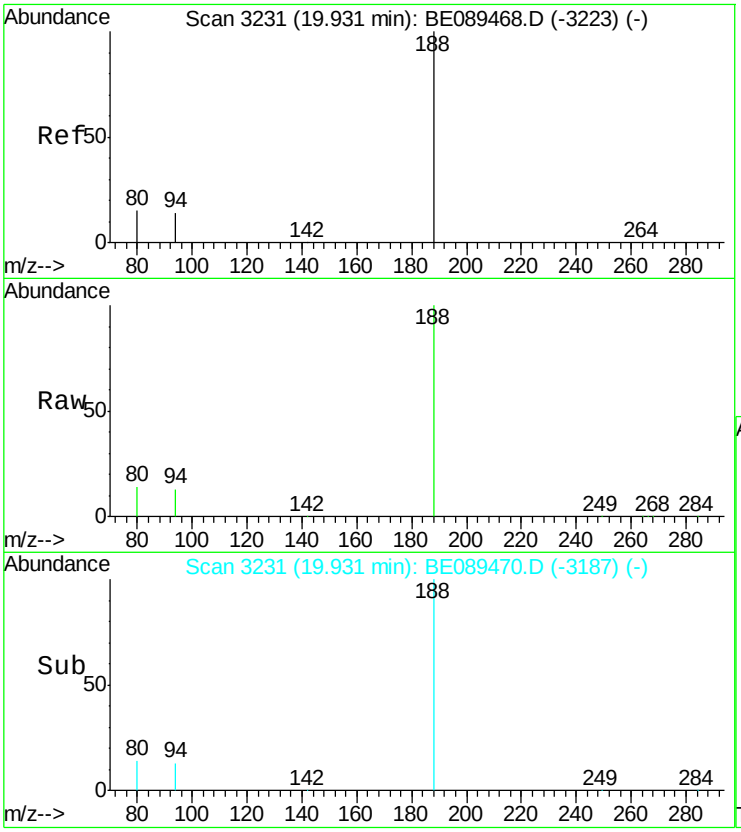


#16
2,4-Dinitrophenol
Concen: 0.20 ng
RT: 16.84 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion:184 Resp: 119

Ion	Ratio	Lower	Upper
184	100		
63	138.3	92.1	138.1#
154	93.5	61.4	92.2#



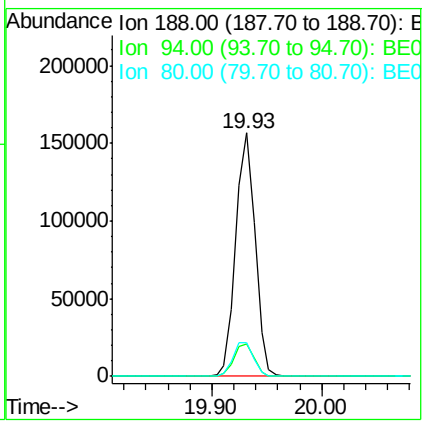


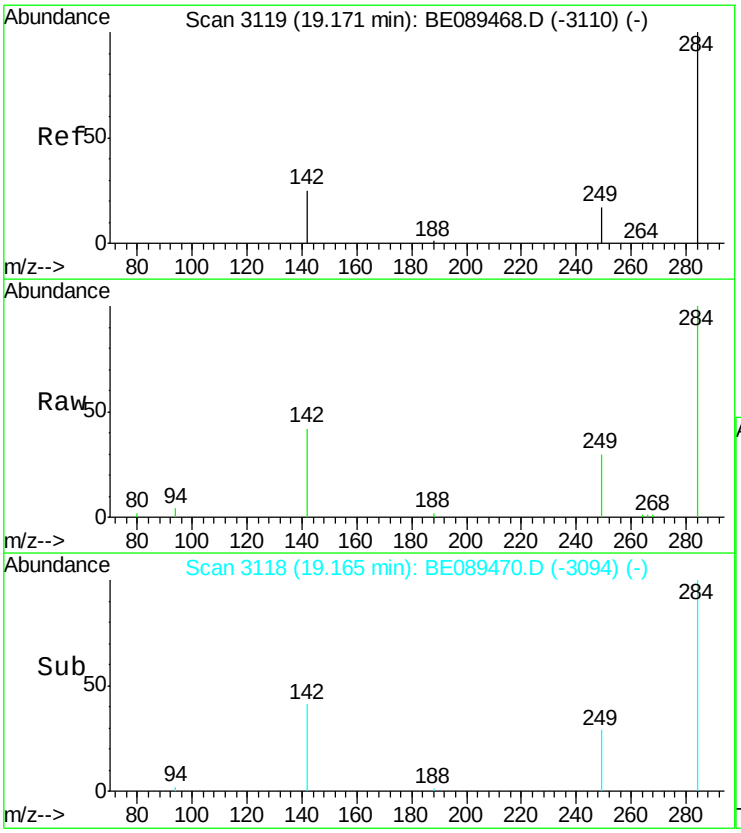
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.93 min Scan# 3231
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 189949

Ion	Ratio	Lower	Upper
188	100		
94	13.4	11.1	16.7
80	13.7	11.8	17.6

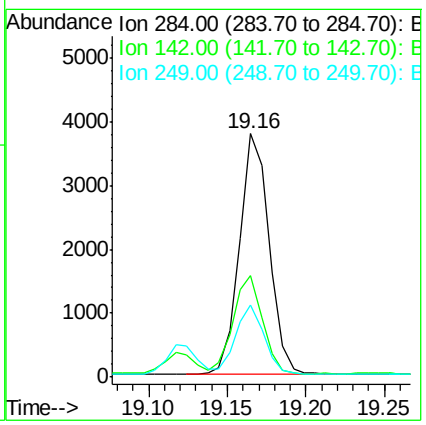


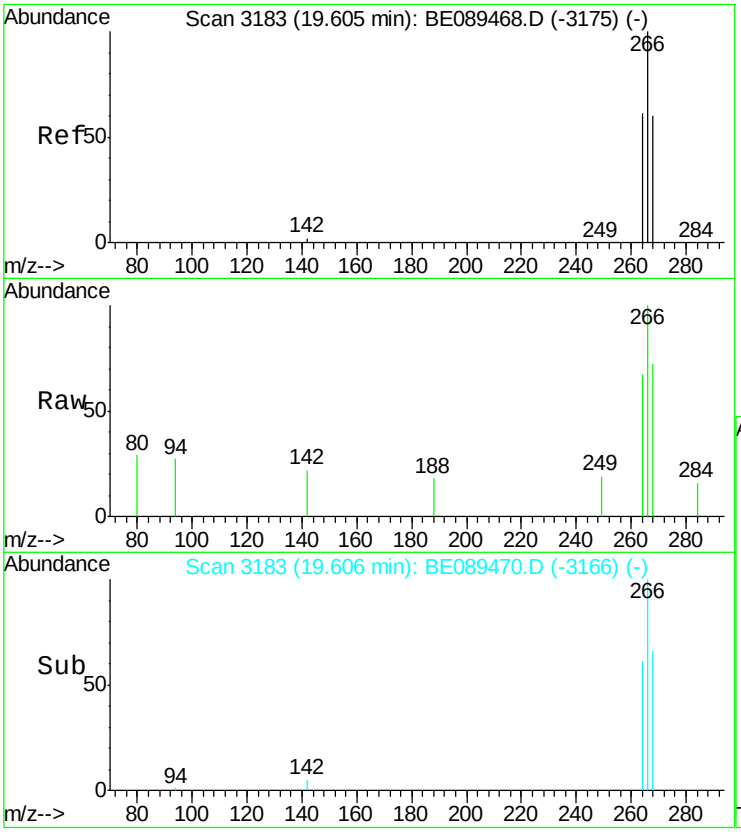


#18
Hexachlorobenzene
Concen: 0.49 ng
RT: 19.16 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion:284 Resp: 4934

Ion	Ratio	Lower	Upper
284	100		
142	41.8	24.4	36.6#
249	29.6	18.2	27.2#



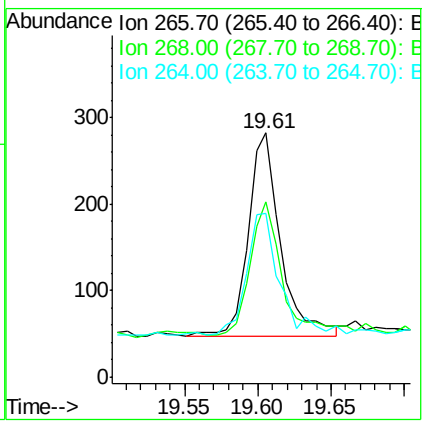


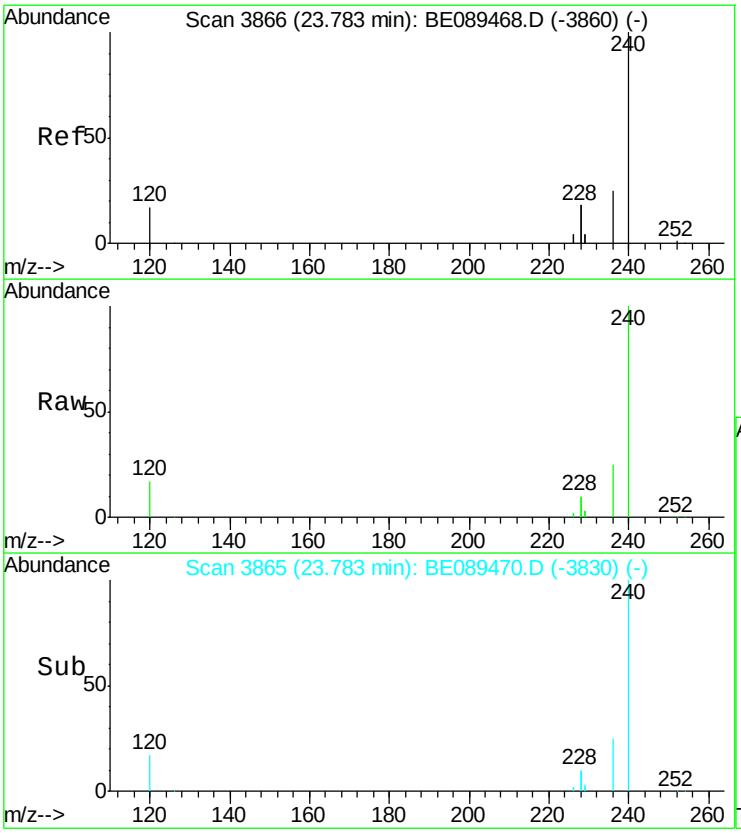
#19
Pentachlorophenol
Concen: 0.31 ng
RT: 19.61 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:266 Resp: 363

Ion	Ratio	Lower	Upper
266	100		
268	72.0	50.0	75.0
264	67.0	50.6	75.8

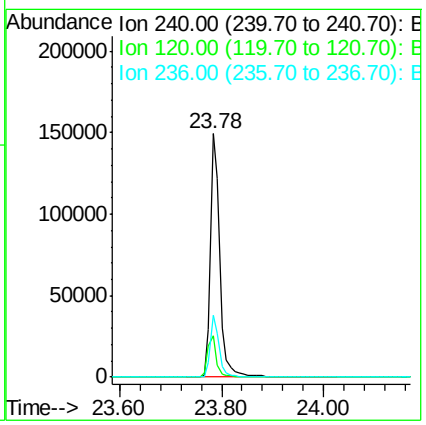


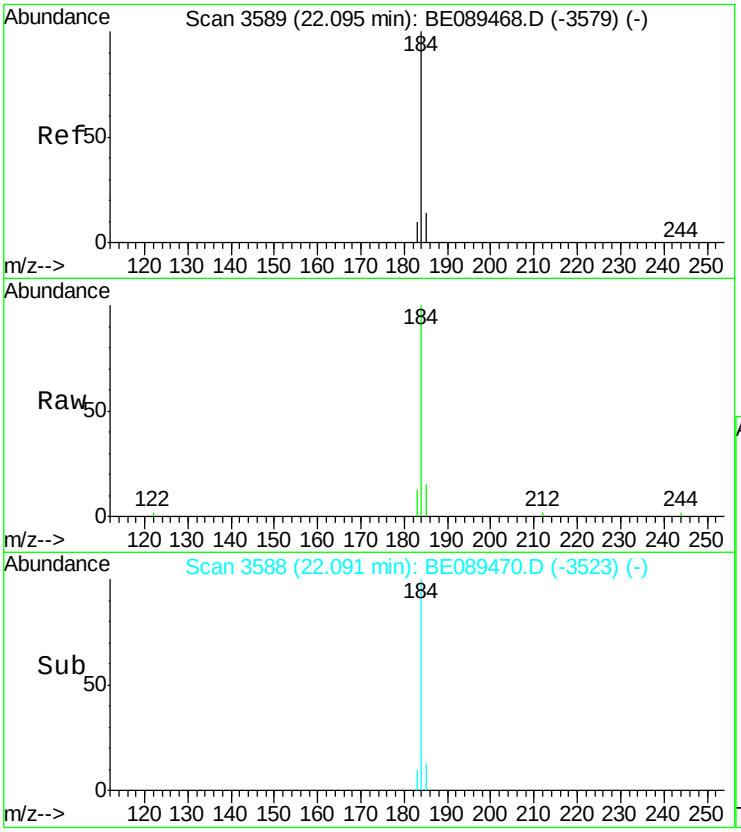


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.78 min Scan# 3865
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion:240 Resp: 187798

Ion	Ratio	Lower	Upper
240	100		
120	16.7	13.8	20.6
236	25.4	20.2	30.2



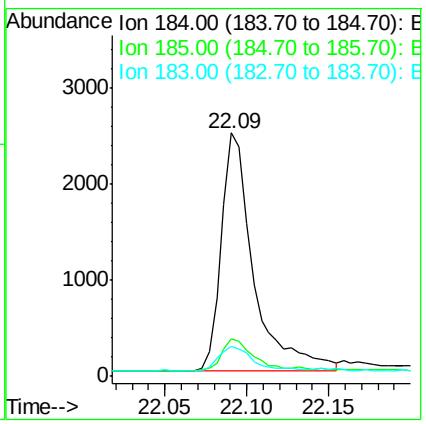


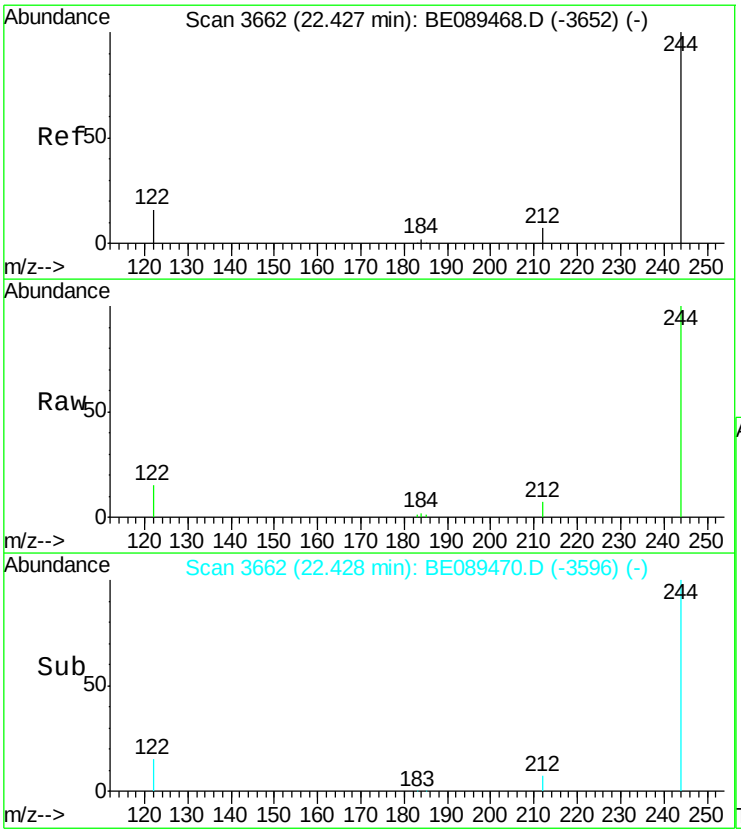
#21
Benzidine
Concen: 0.25 ng
RT: 22.09 min Scan# 3588
Delta R.T. -0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:184 Resp: 3384

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.0	18.0
183	12.5	9.0	13.4

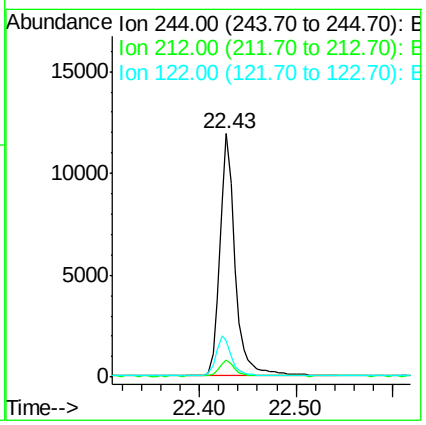


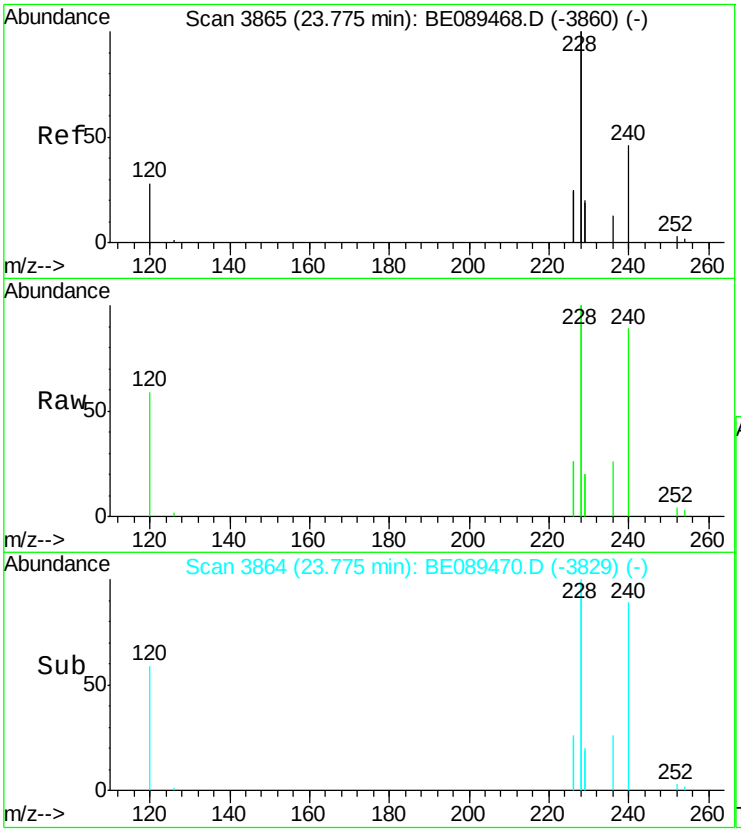


#22
Terphenyl-d14
Concen: 0.60 ng
RT: 22.43 min Scan# 3662
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion:244 Resp: 13055

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	15.0	12.6	19.0



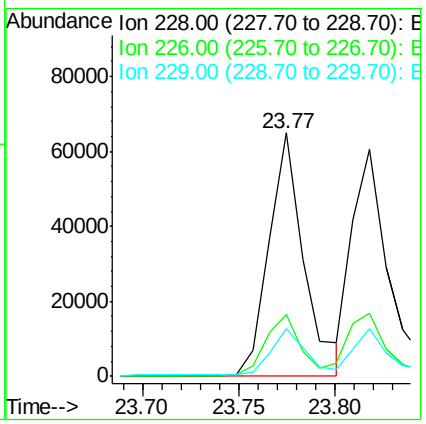


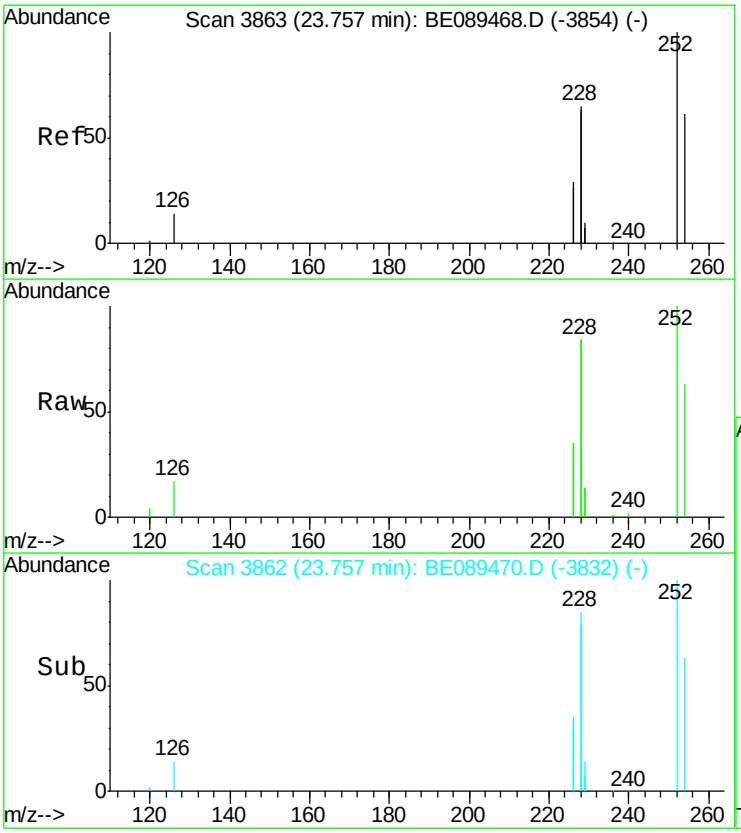
#23
Benzo(a)anthracene
Concen: 0.54 ng
RT: 23.77 min Scan# 3864
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 81685

Ion	Ratio	Lower	Upper
228	100		
226	25.6	19.6	29.4
229	19.7	15.9	23.9

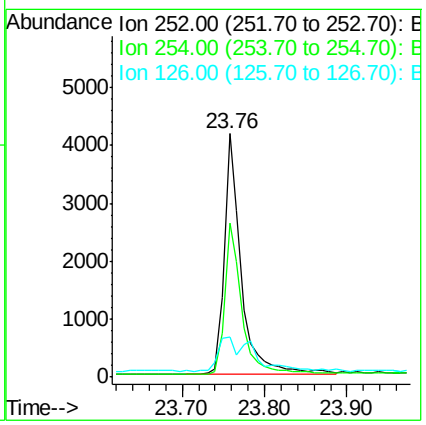


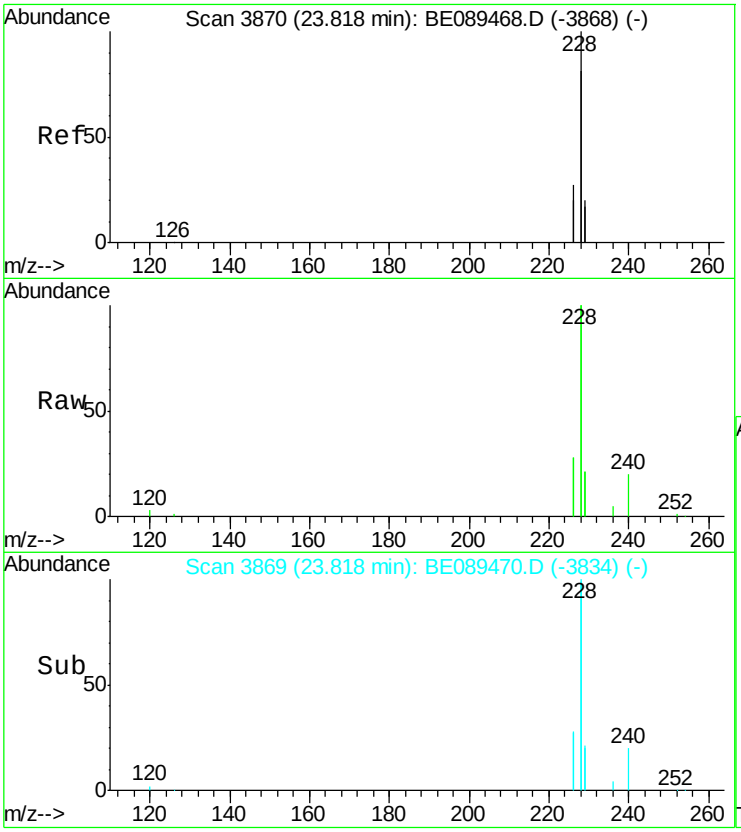


#24
3,3'-Dichlorobenzidine
Concen: 0.44 ng
RT: 23.76 min Scan# 3862
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion:252 Resp: 5837

Ion	Ratio	Lower	Upper
252	100		
254	63.1	48.6	73.0
126	16.6	12.4	18.6



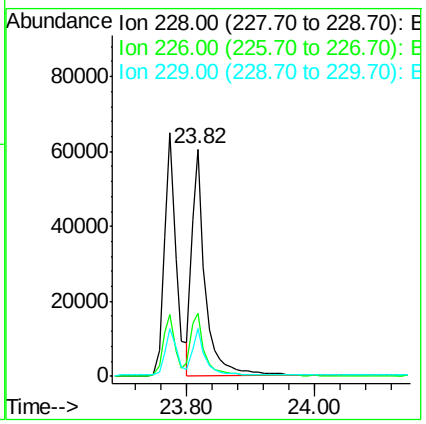


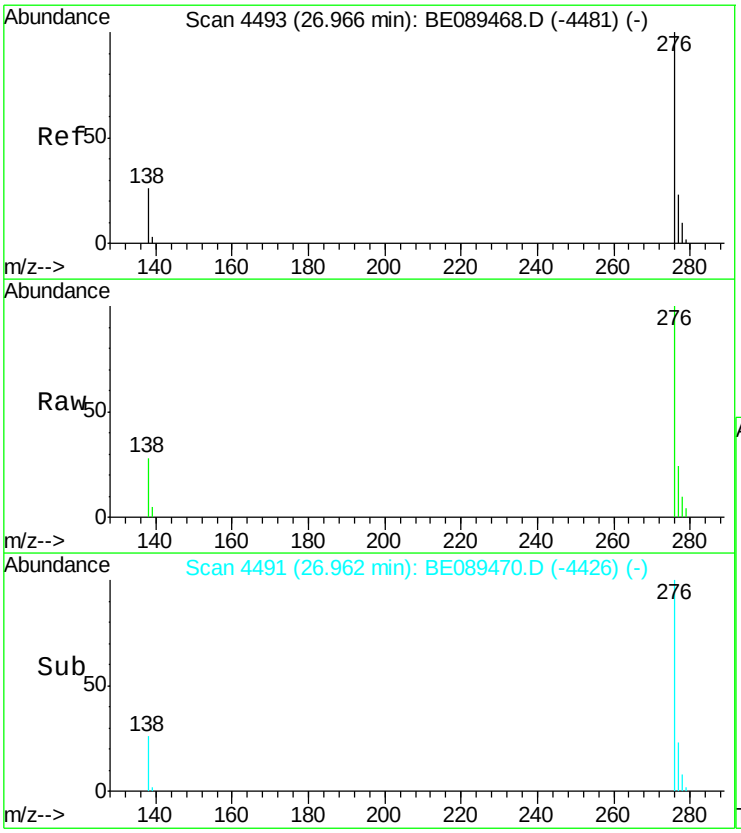
#25
Chrysene
Concen: 0.48 ng
RT: 23.82 min Scan# 3869
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 86438

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.8	16.2	24.2

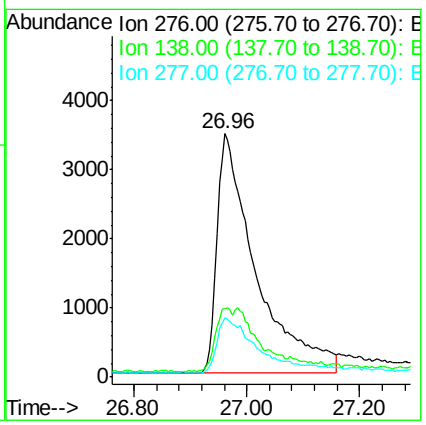


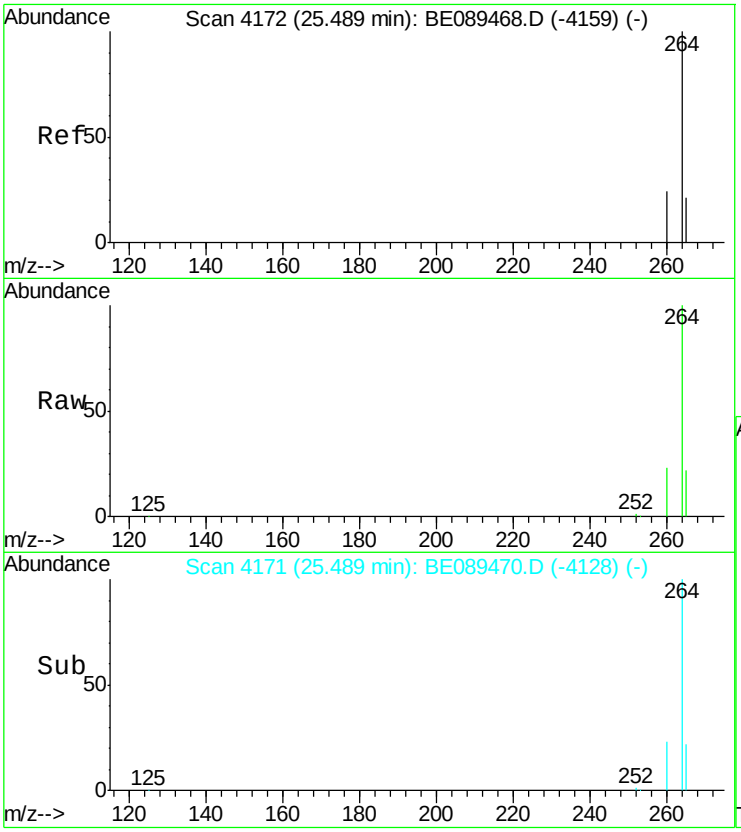


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.31 ng
RT: 26.96 min Scan# 4491
Delta R.T. -0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion:276 Resp: 16510

Ion	Ratio	Lower	Upper
276	100		
138	11.4	24.2	36.4#
277	23.9	19.9	29.9



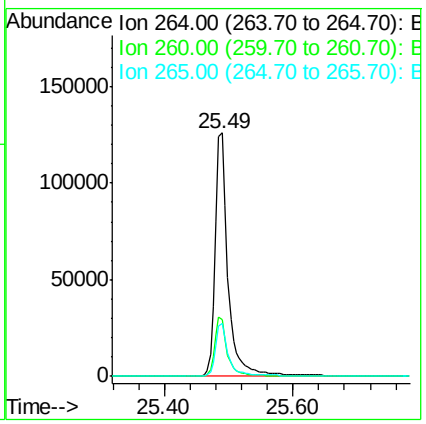


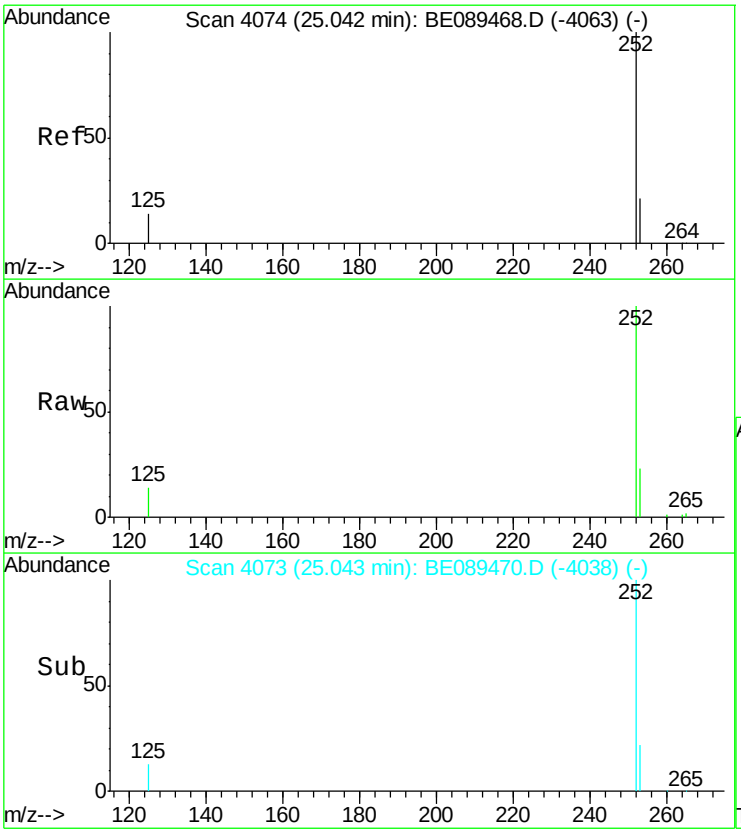
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.49 min Scan# 4171
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 175236

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	22.0	17.0	25.6

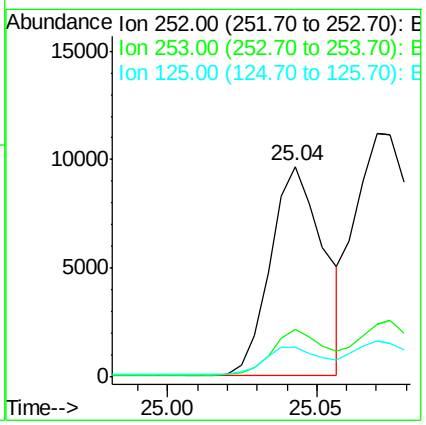


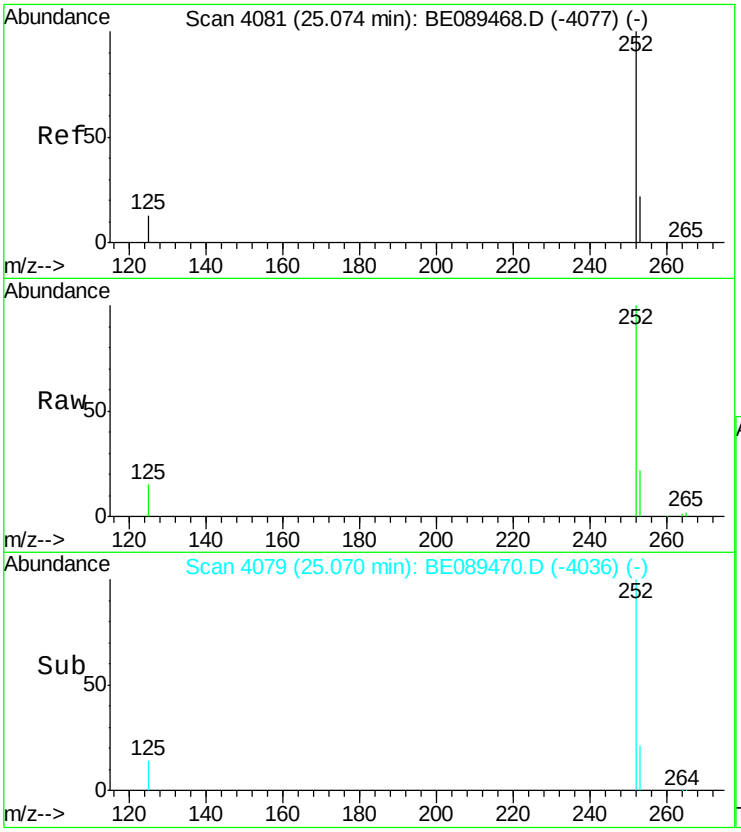


#28
Benzo(b)fluoranthene
Concen: 0.50 ng
RT: 25.04 min Scan# 4073
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion:252 Resp: 11960

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	14.0	11.3	16.9



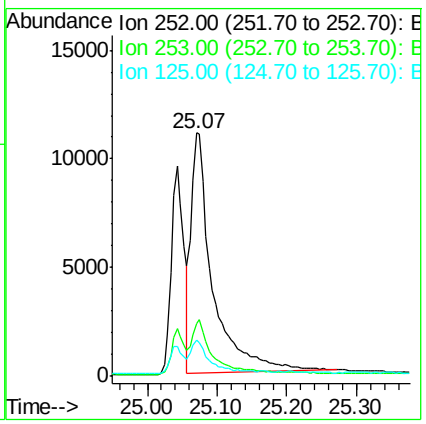


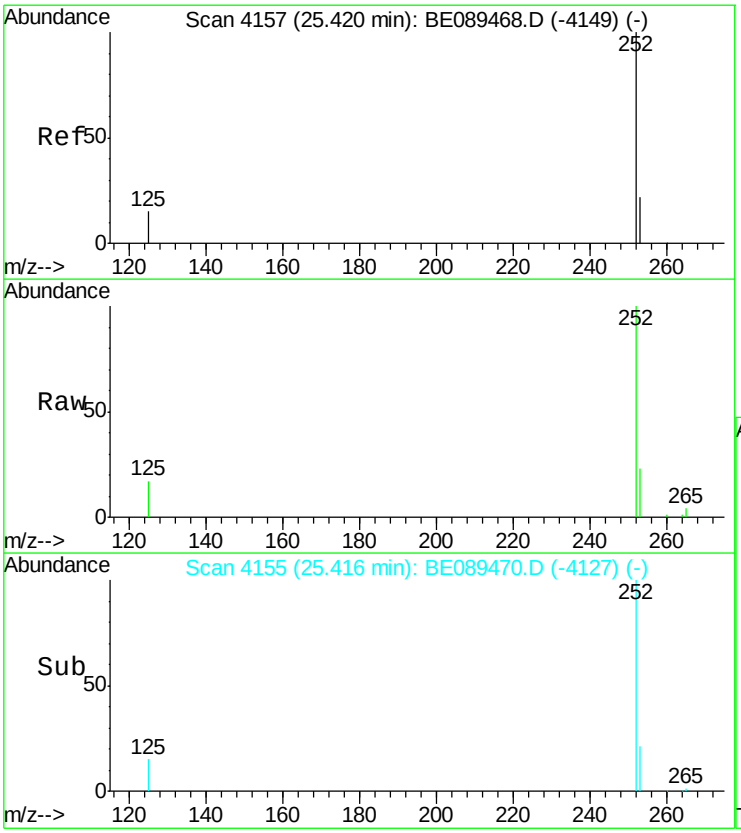
#29
Benzo(k)fluoranthene
Concen: 0.54 ng
RT: 25.07 min Scan# 4079
Delta R.T. -0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 23725

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	15.1	10.6	15.8

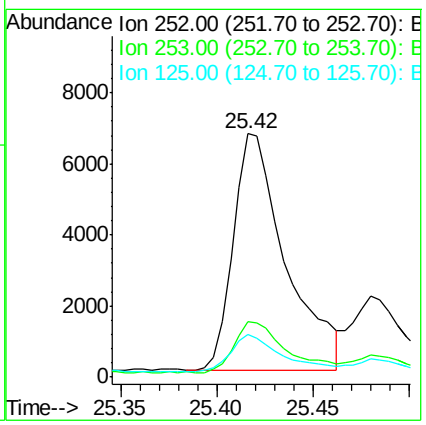


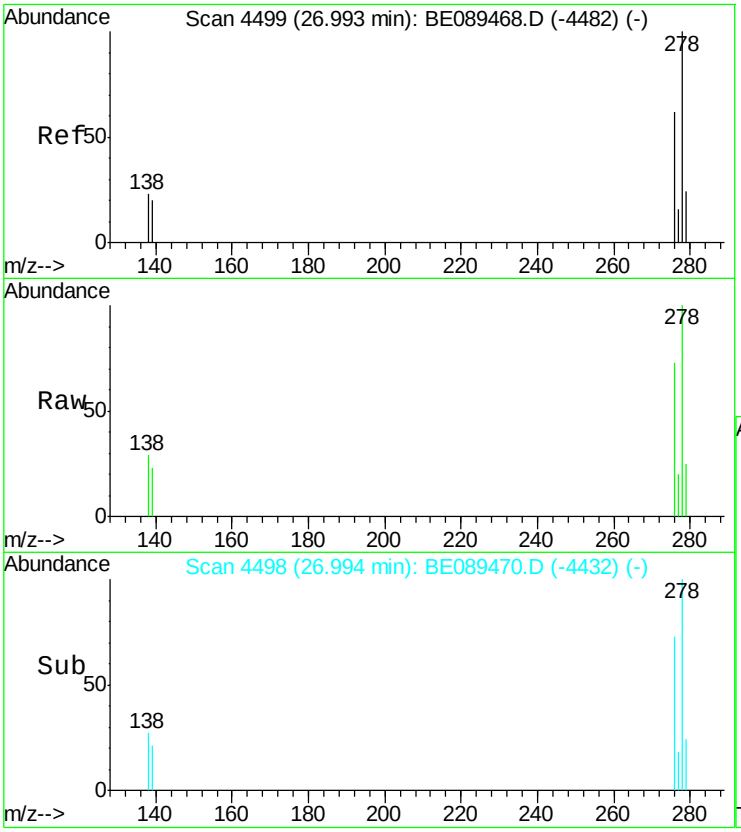


#30
Benzo(a)pyrene
Concen: 0.47 ng
RT: 25.42 min Scan# 4155
Delta R.T. -0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Tgt Ion:252 Resp: 12588

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	17.4	12.2	18.4





#31
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 26.99 min Scan# 4498
Delta R.T. 0.00 min
Lab File: BE089470.D
Acq: 3 Feb 2015 18:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:278 Resp: 12647

Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.8	25.2
279	25.4	19.4	29.0