Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021615\
Data File : BE089574.D
Acq On : 16 Feb 2015 17:50
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.5

Quant Time: Feb 16 18:30:04 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 16 17:44:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	77828	5.00	ng		0.00
7) Naphthalene-d8	12.25	136	307762	5.00	ng		0.00
13) Acenaphthene-d10	16.42	164	144300	5.00	ng		0.00
17) Phenanthrene-d10	19.77	188	276447	5.00	ng		0.00
20) Chrysene-d12	23.66	240	306517	5.00	ng		0.00
27) Perylene-d12	25.34	264	292141	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.50	112	10445	0.46	ng		0.00
4) Phenol-d6	8.62	99	13911	0.46	ng		0.00
8) Nitrobenzene-d5	10.61	82	5645	0.42	ng		0.00
14) 2,4,6-Tribromophenol	18.31	330	1371	0.41	ng		0.00
15) 2-Fluorobiphenyl	14.88	172	19119	0.49	ng		0.00
22) Terphenyl-d14	22.30	244	19591	0.46	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.39	42	3994	0.31	ng	#	65
5) Phenol	8.65	94	14984	0.46	ng		93
6) bis(2-Chloroethyl)ether	8.83	93	11585	0.47	ng	#	98
9) Nitrobenzene	10.65	77	6353	0.39	ng		100
10) 2,4-Dimethylphenol	11.59	122	8130	0.44	ng		100
11) 2,4-Dichlorophenol	11.97	162	6487	0.45	ng		99
12) Hexachlorobutadiene	12.64	225	4643	0.50	ng		99
16) 2,4-Dinitrophenol	16.67	184	128	0.23	ng	#	68
18) Hexachlorobenzene	19.00	284	5791	0.50	ng		99
19) Pentachlorophenol	19.45	266	768	0.35	ng		94
21) Benzidine	21.96	184	7923	0.27	ng		98
23) Benzo(a)anthracene	23.64	228	135904	0.44	ng		97
24) 3,3'-Dichlorobenzidine	23.64	252	7539	0.32	ng		99
25) Chrysene	23.69	228	143644	0.49	ng		100
26) Indeno(1,2,3-cd)pyrene	26.75	276	30816	0.39	ng	#	81
28) Benzo(b)fluoranthene	24.91	252	23187	0.35	ng		100
29) Benzo(k)fluoranthene	24.94	252	38401	0.46	ng		99
30) Benzo(a)pyrene	25.28	252	23008	0.36	ng		99
31) Dibenzo(a,h)anthracene	26.78	278	23759	0.37	ng		100

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

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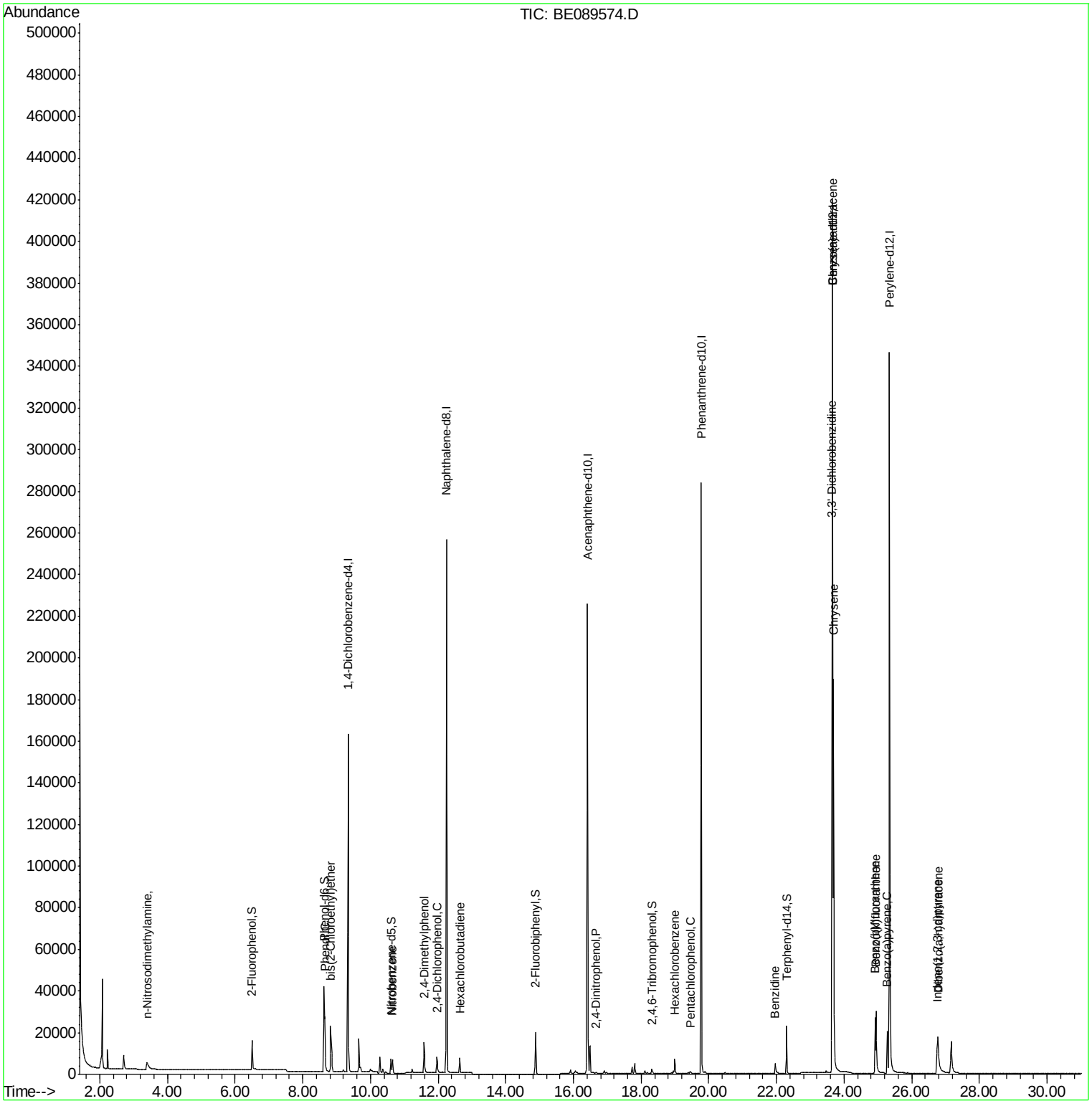
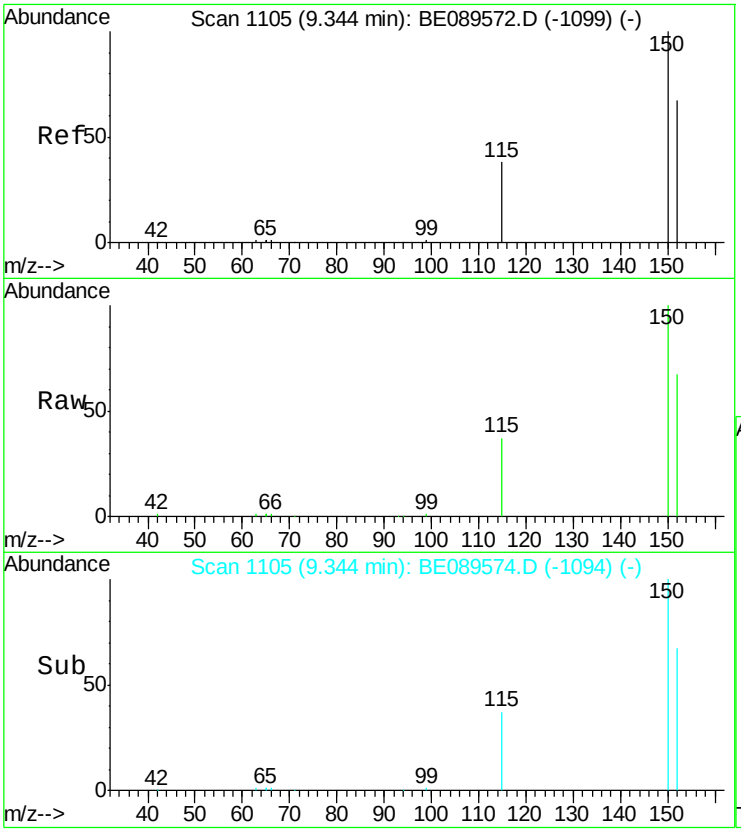


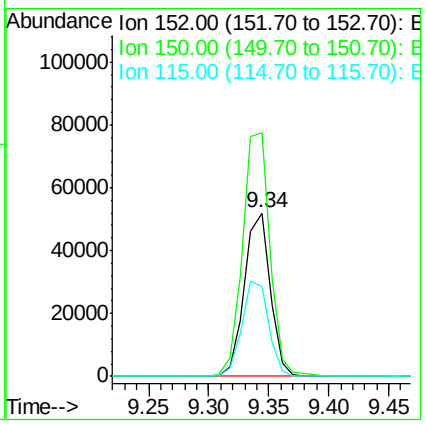


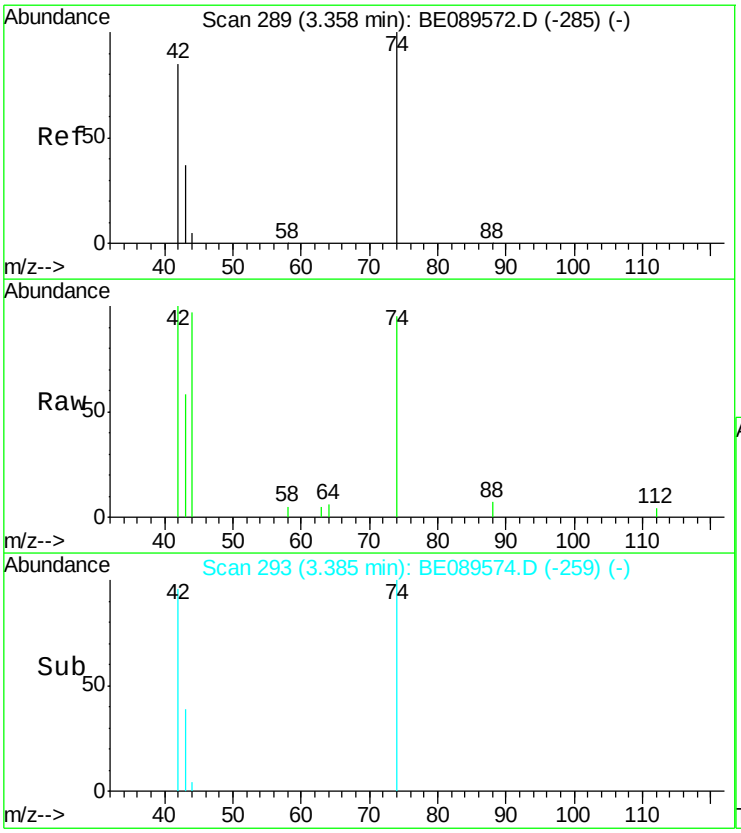
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 77828

Ion	Ratio	Lower	Upper
152	100		
150	148.9	120.2	180.2
115	55.3	45.2	67.8

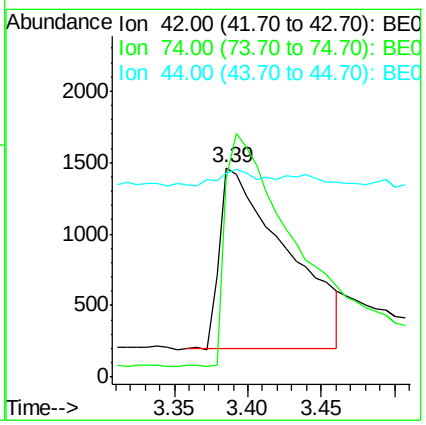


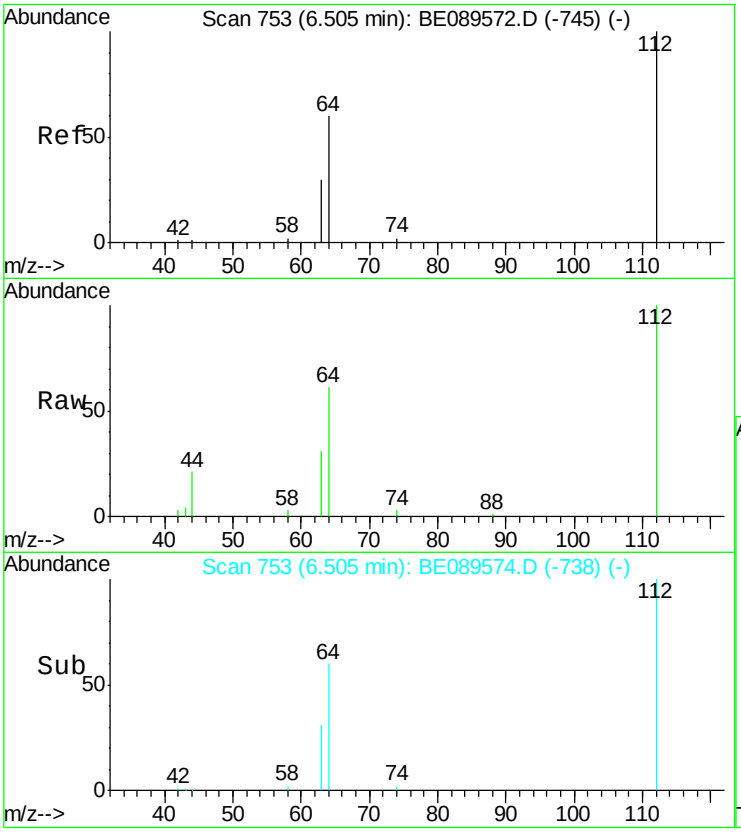


#2
n-Nitrosodimethylamine
Concen: 0.31 ng
RT: 3.39 min Scan# 293
Delta R.T. 0.03 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion: 42 Resp: 3994

Ion	Ratio	Lower	Upper
42	100		
74	94.9	90.1	135.1
44	97.4	35.0	52.4#



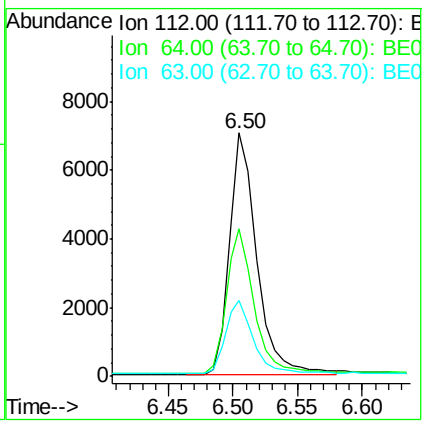


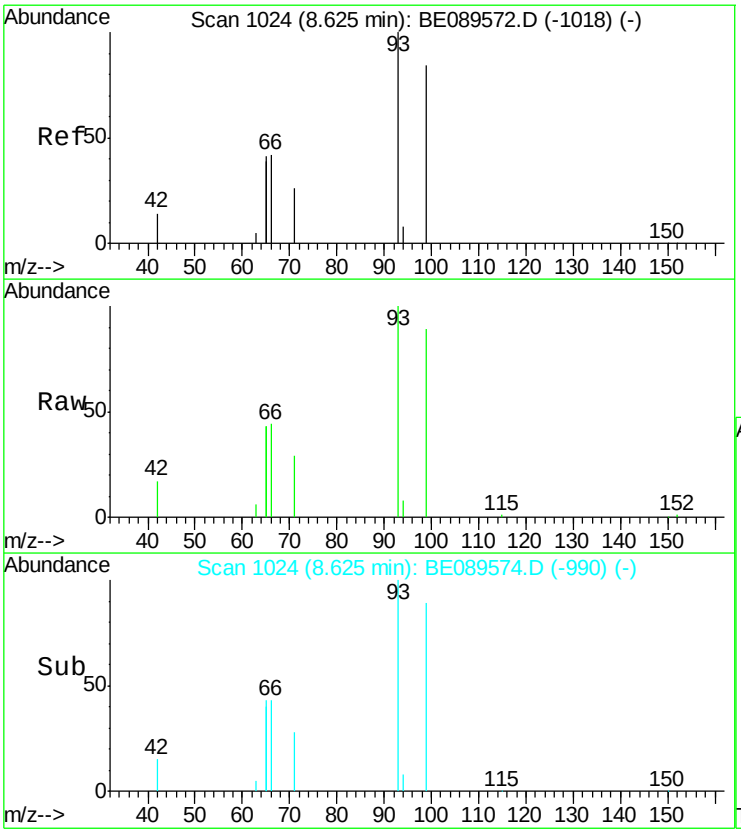
#3
2-Fluorophenol
Concen: 0.46 ng
RT: 6.50 min Scan# 753
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:112 Resp: 10445

Ion	Ratio	Lower	Upper
112	100		
64	60.6	48.6	72.8
63	31.3	24.6	37.0

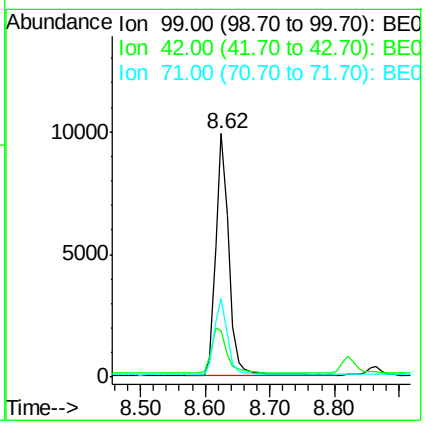


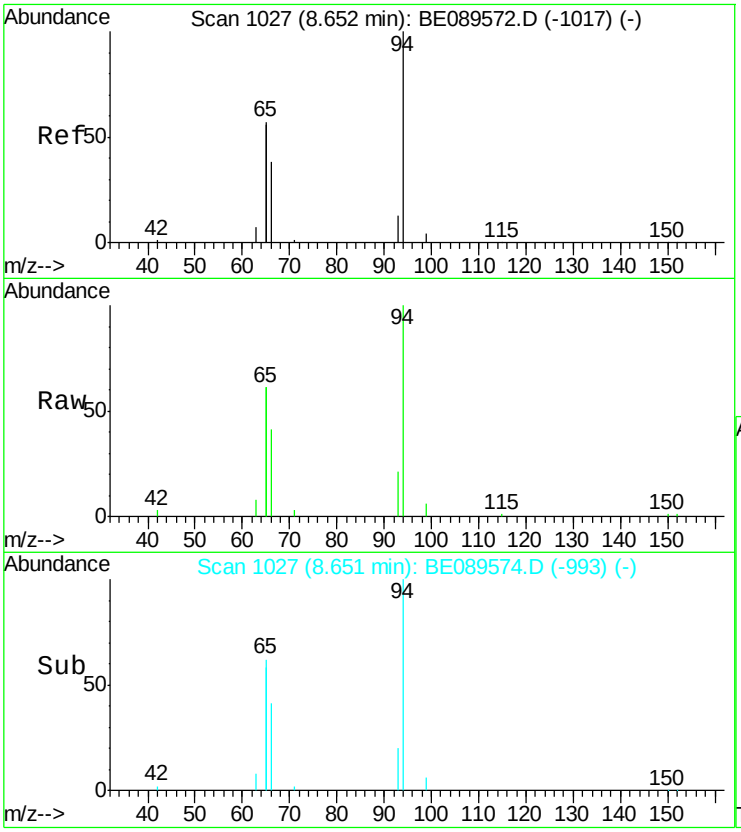


#4
Phenol-d6
Concen: 0.46 ng
RT: 8.62 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion: 99 Resp: 13911

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.9	20.9
71	32.2	25.2	37.8



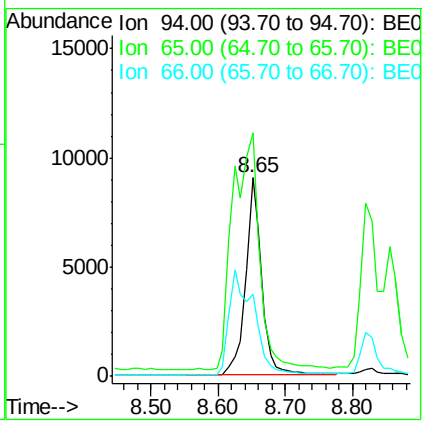


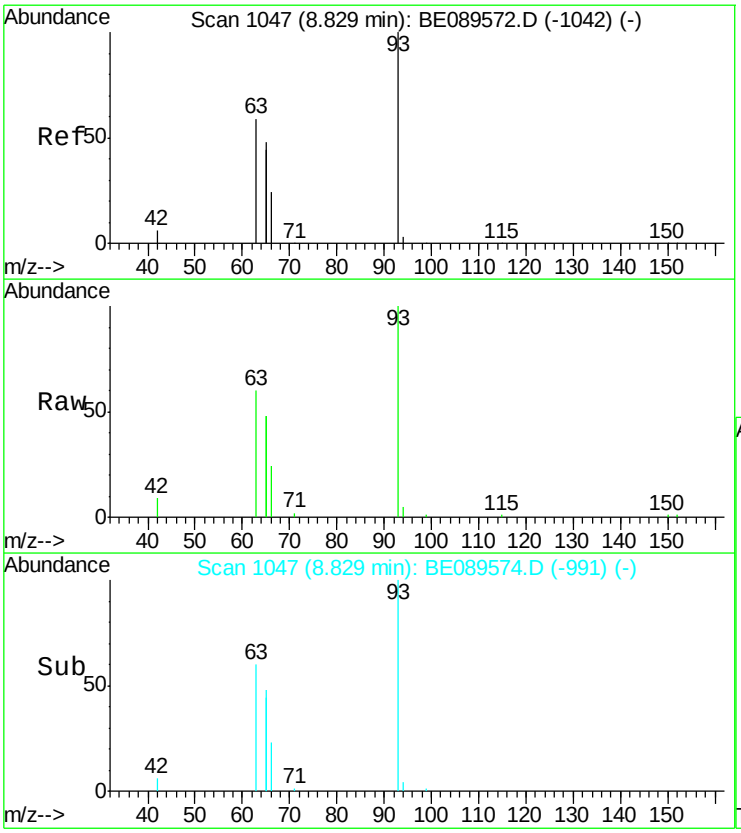
#5
Phenol
Concen: 0.46 ng
RT: 8.65 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion: 94 Resp: 14984

Ion	Ratio	Lower	Upper
94	100		
65	122.7	94.5	134.5
66	41.4	18.2	58.2

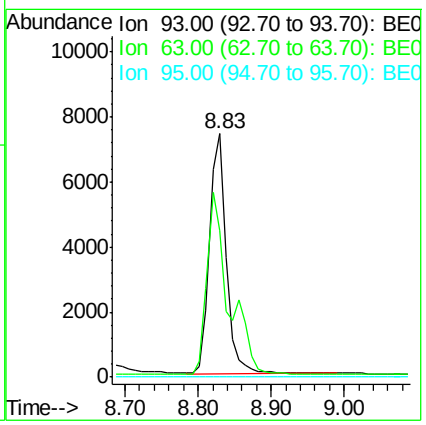


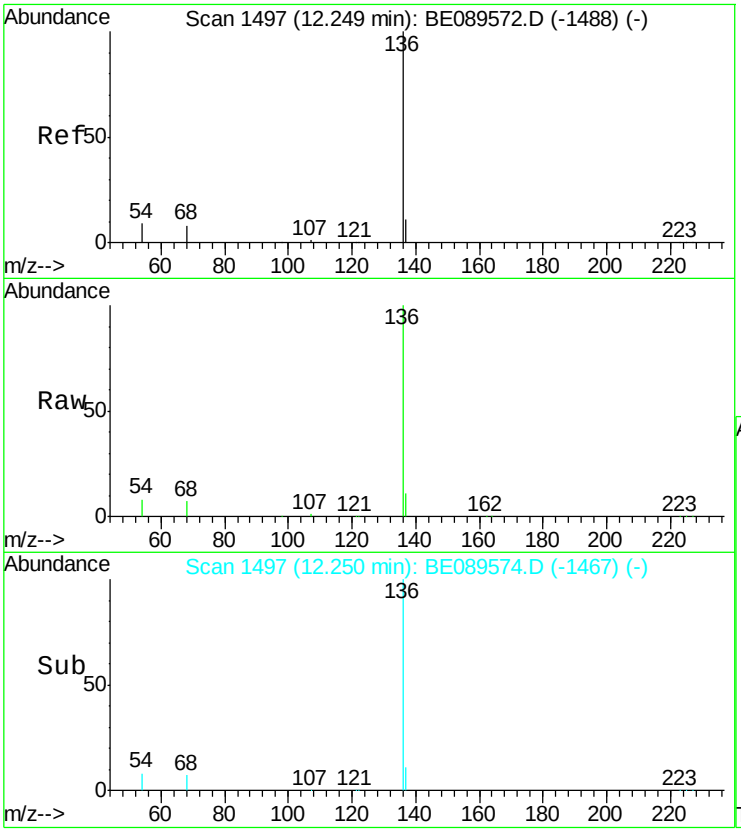


#6
bis(2-Chloroethyl)ether
Concen: 0.47 ng
RT: 8.83 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion: 93 Resp: 11585

Ion	Ratio	Lower	Upper
93	100		
63	99.7	81.7	122.5
95	0.0	0.0	0.0



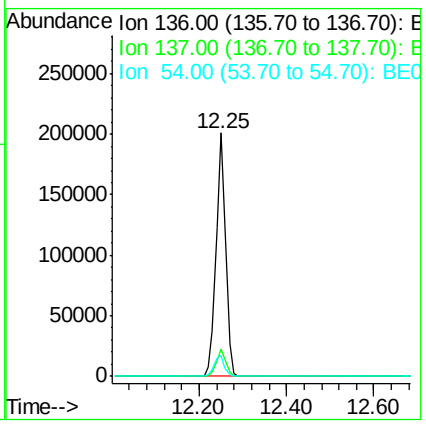


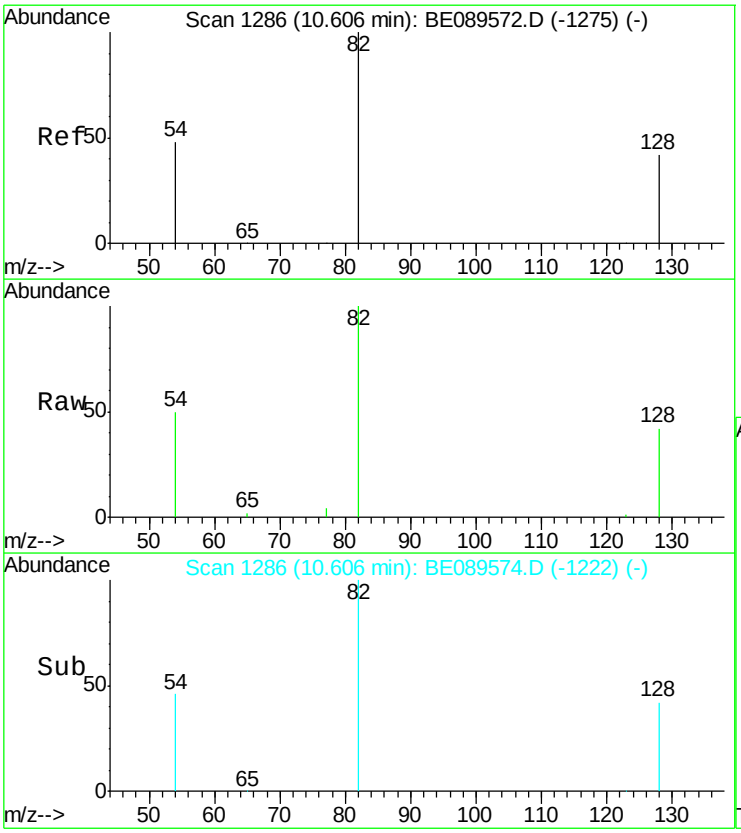
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.25 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 307762

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.4	7.0	10.4

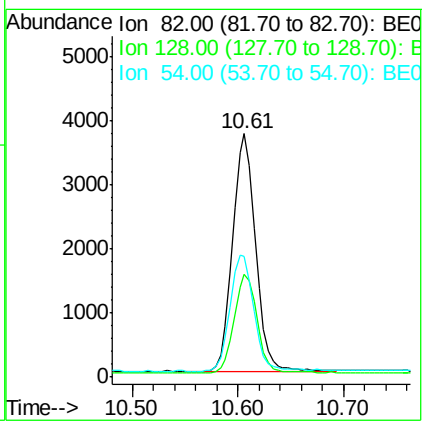


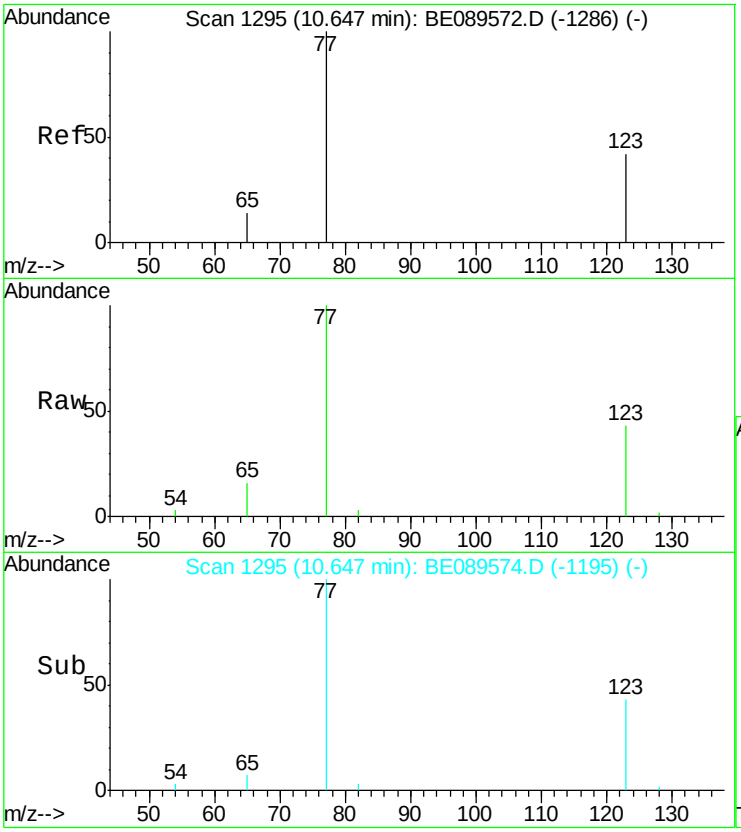


#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 10.61 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion: 82 Resp: 5645

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.8	50.6
54	49.6	39.0	58.6



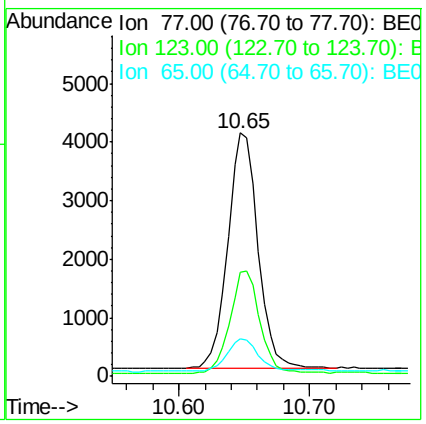


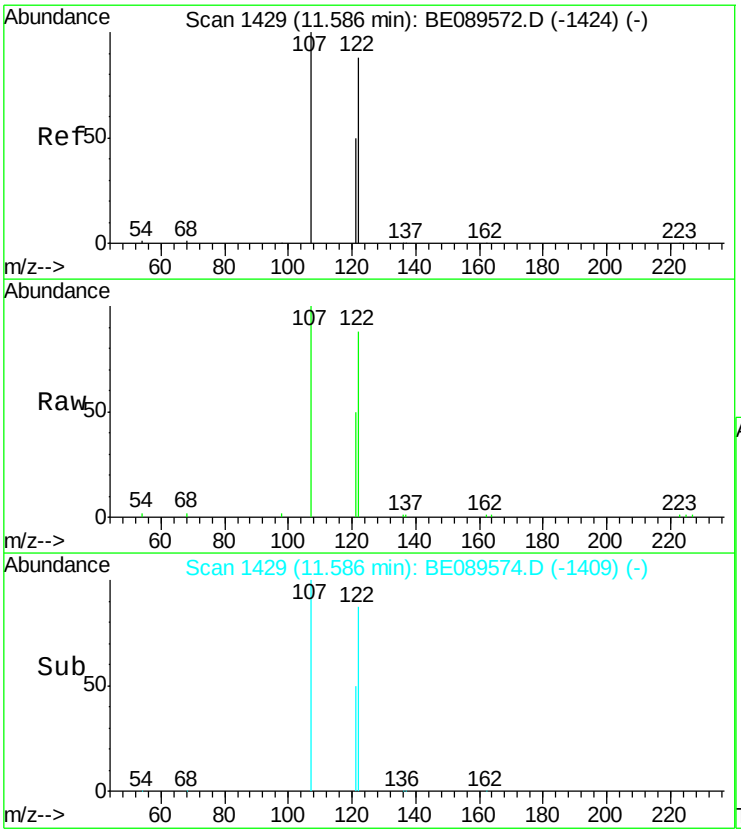
#9
Nitrobenzene
Concen: 0.39 ng
RT: 10.65 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion: 77 Resp: 6353

Ion	Ratio	Lower	Upper
77	100		
123	43.3	34.4	51.6
65	14.4	11.4	17.2

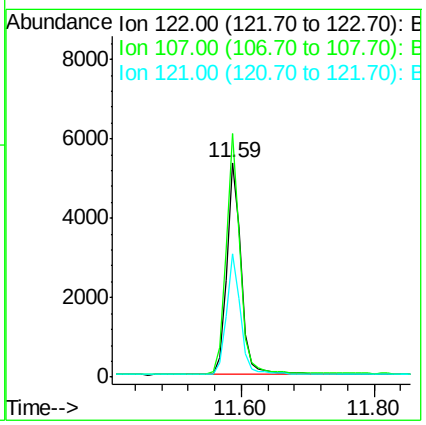


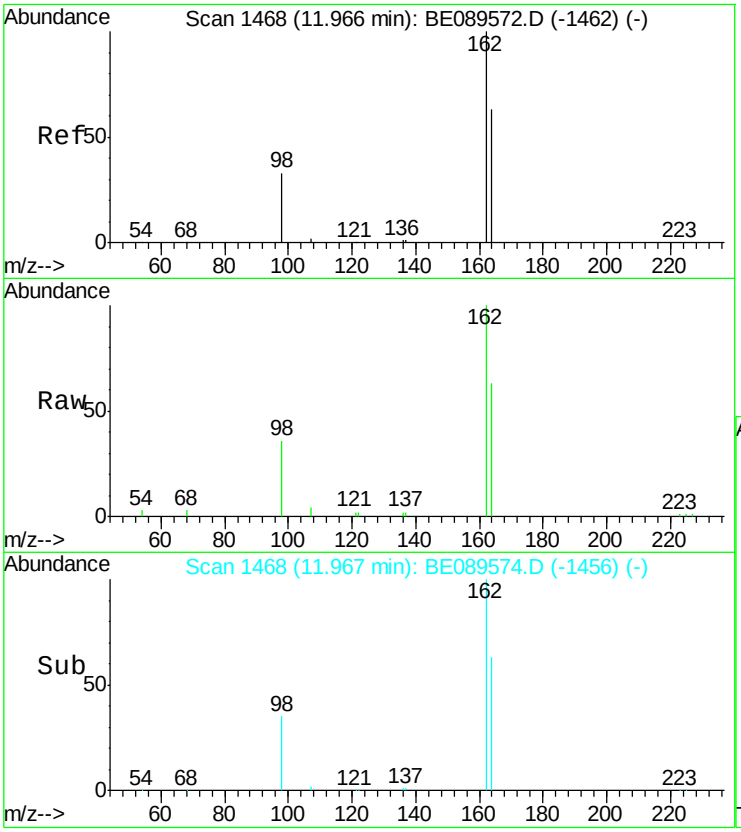


#10
2,4-Dimethylphenol
Concen: 0.44 ng
RT: 11.59 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion:122 Resp: 8130

Ion	Ratio	Lower	Upper
122	100		
107	113.4	90.9	136.3
121	57.2	45.4	68.2



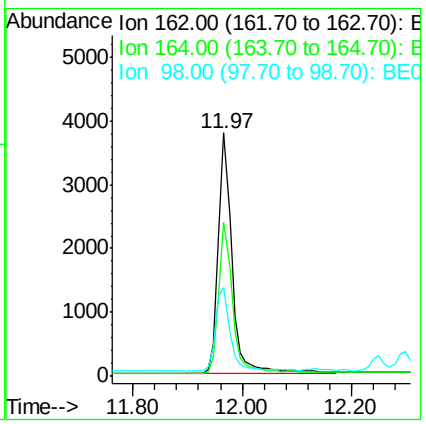


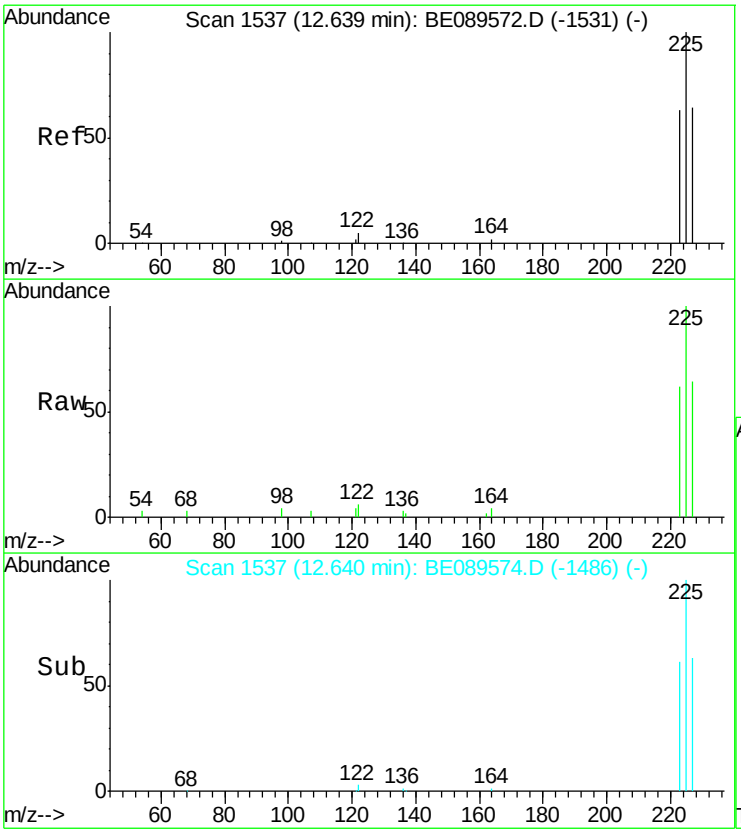
#11
2,4-Dichlorophenol
Concen: 0.45 ng
RT: 11.97 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:162 Resp: 6487

Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.4	83.4
98	36.3	14.6	54.6

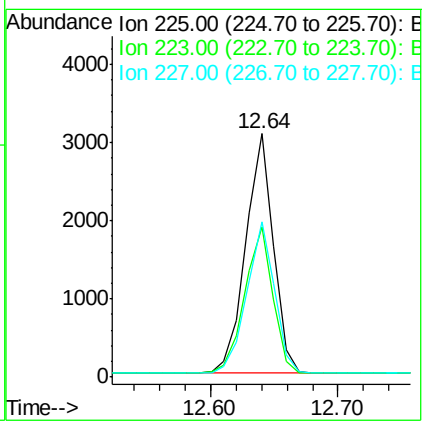


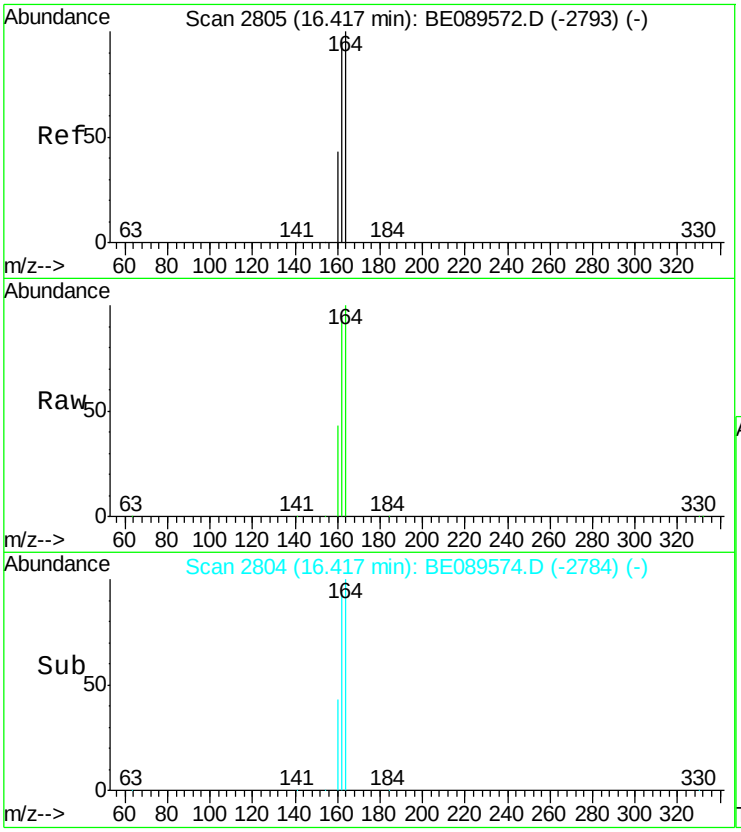


#12
Hexachlorobutadiene
Concen: 0.50 ng
RT: 12.64 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion:225 Resp: 4643

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.4	75.6
227	63.8	51.0	76.6



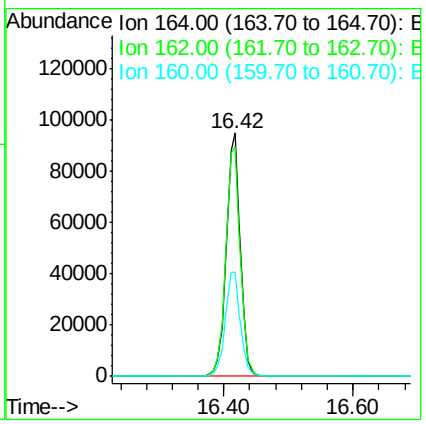


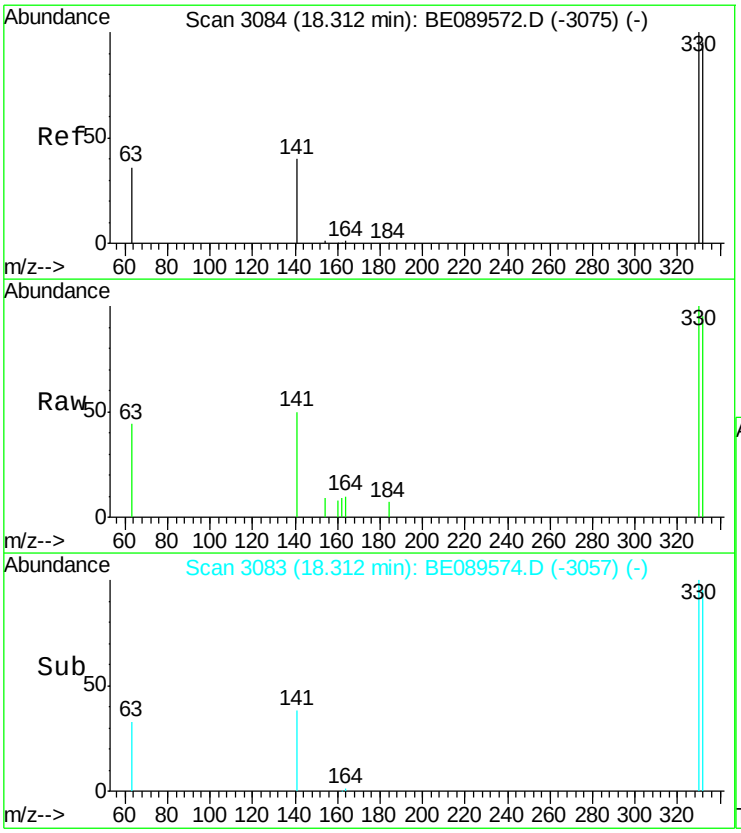
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:164 Resp: 144300

Ion	Ratio	Lower	Upper
164	100		
162	94.4	76.2	114.4
160	42.8	34.7	52.1

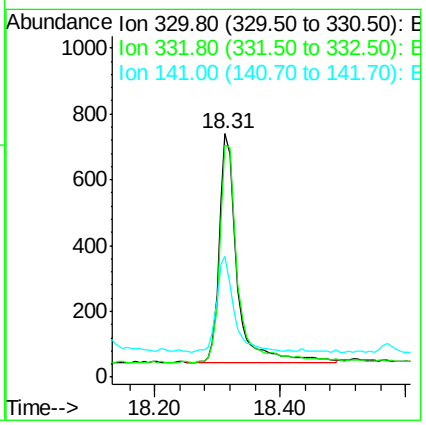


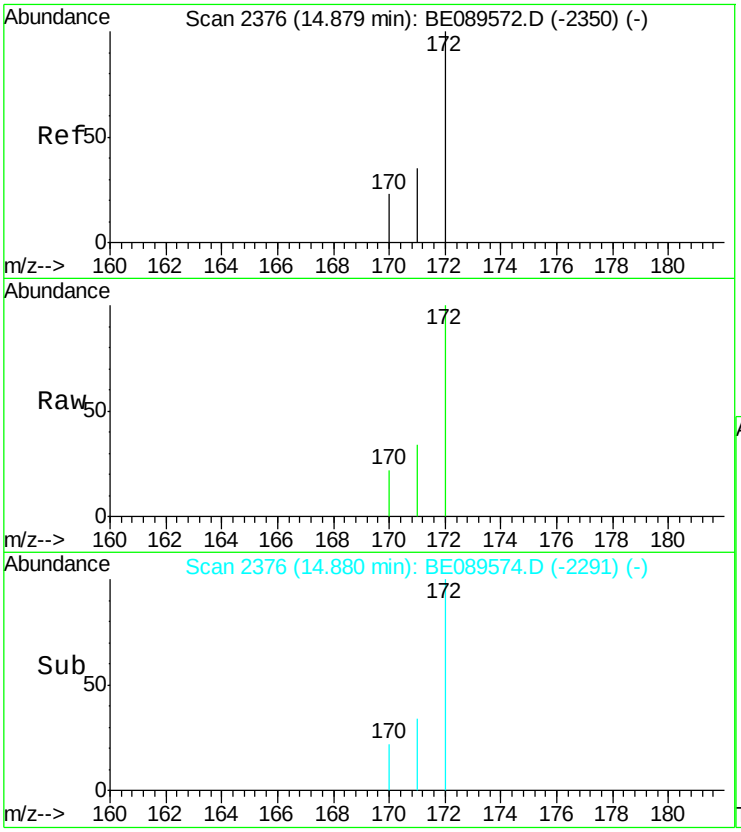


#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 18.31 min Scan# 3083
Delta R.T. -0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion:330 Resp: 1371

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.3	117.5
141	41.5	33.4	50.0



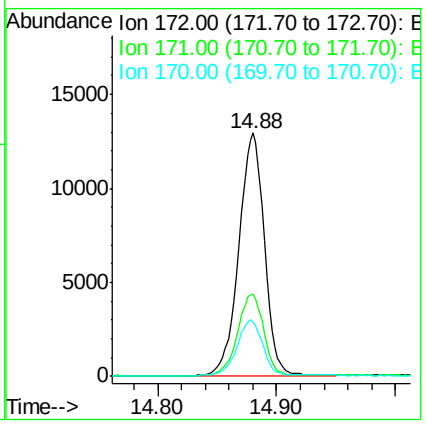


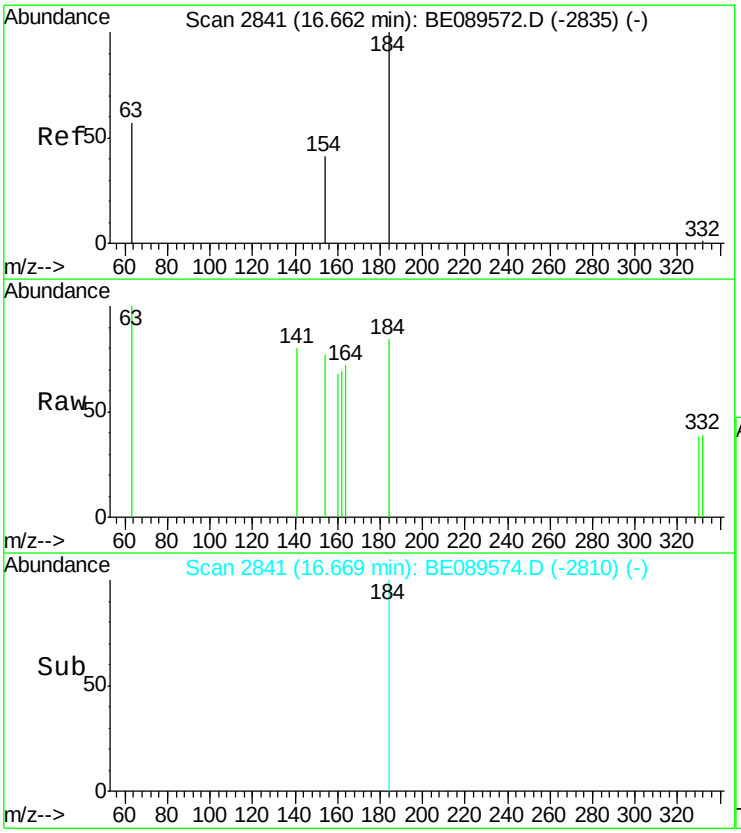
#15
2-Fluorobiphenyl
Concen: 0.49 ng
RT: 14.88 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 19119

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.6
170	22.5	18.5	27.7

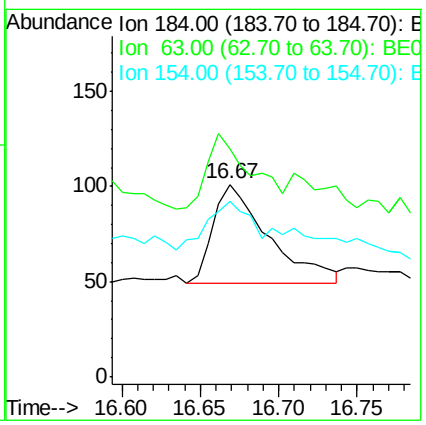


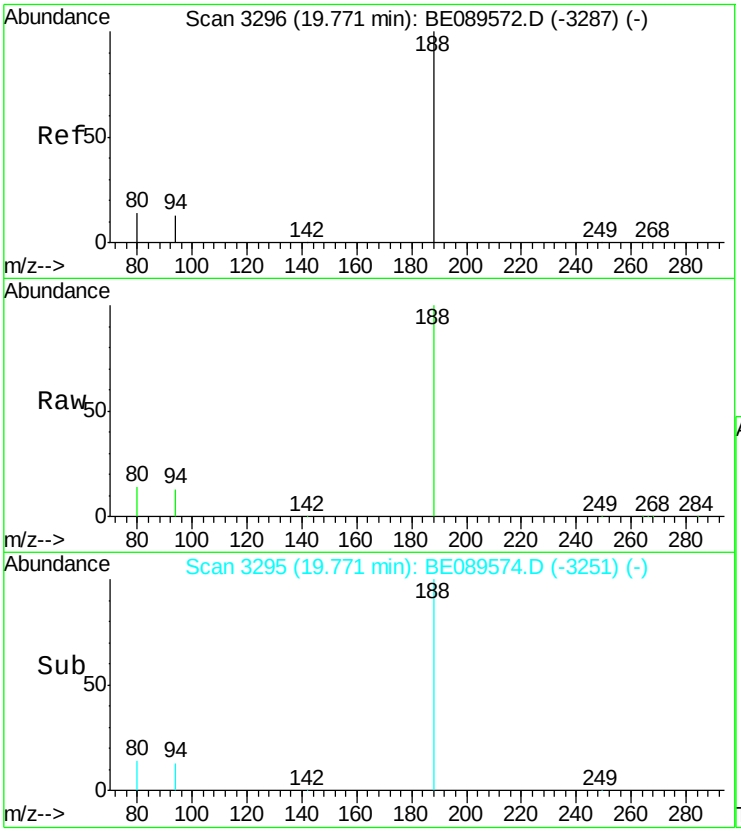


#16
2,4-Dinitrophenol
Concen: 0.23 ng
RT: 16.67 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion:184 Resp: 128

Ion	Ratio	Lower	Upper
184	100		
63	118.8	70.8	106.2#
154	91.1	52.9	79.3#



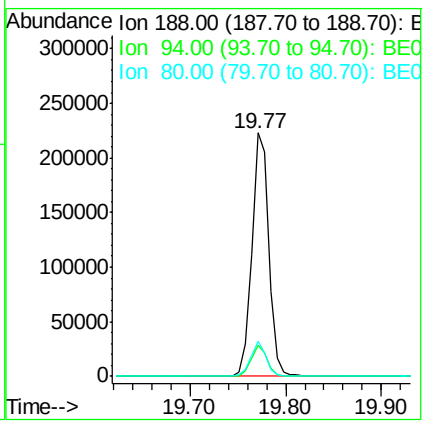


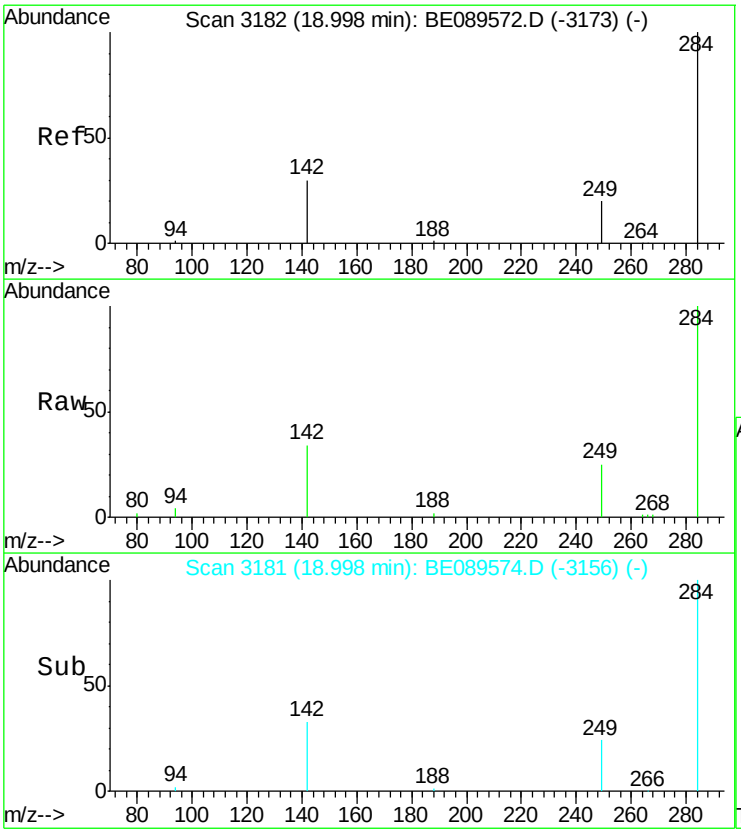
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3295
Delta R.T. -0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 276447

Ion	Ratio	Lower	Upper
188	100		
94	13.0	10.2	15.4
80	14.1	11.0	16.6

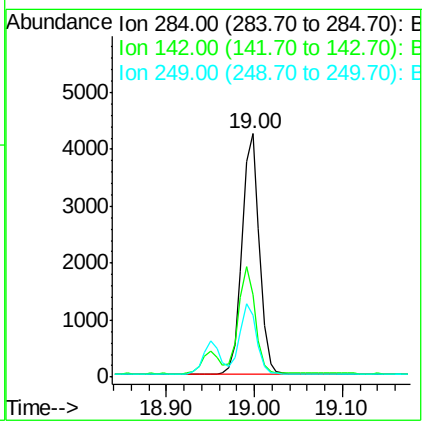


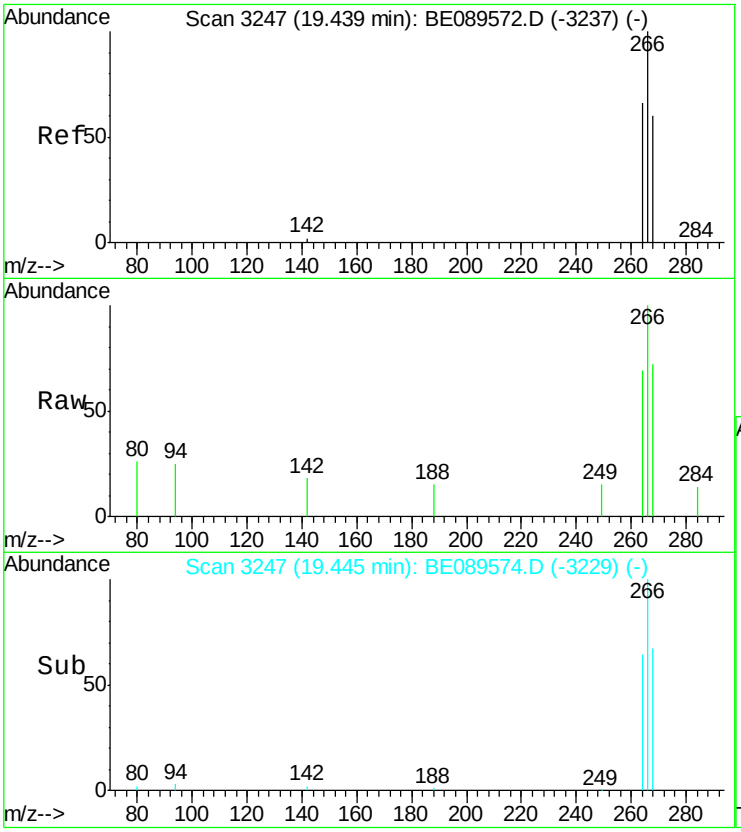


#18
Hexachlorobenzene
Concen: 0.50 ng
RT: 19.00 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion:284 Resp: 5791

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.6	41.4
249	25.4	20.0	30.0



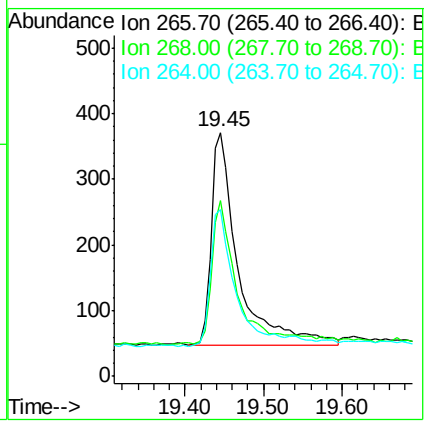


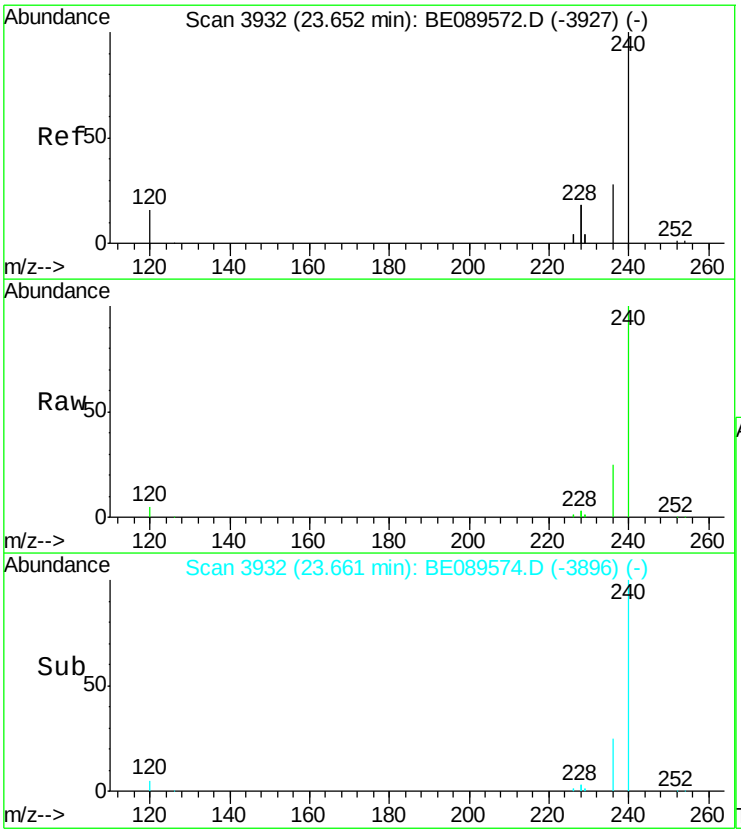
#19
Pentachlorophenol
Concen: 0.35 ng
RT: 19.45 min Scan# 3247
Delta R.T. 0.01 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:266 Resp: 768

Ion	Ratio	Lower	Upper
266	100		
268	72.0	50.2	75.4
264	68.7	54.4	81.6

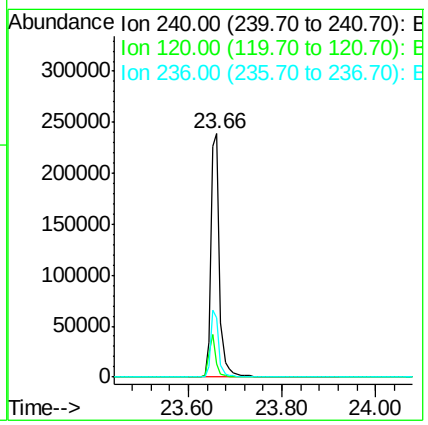


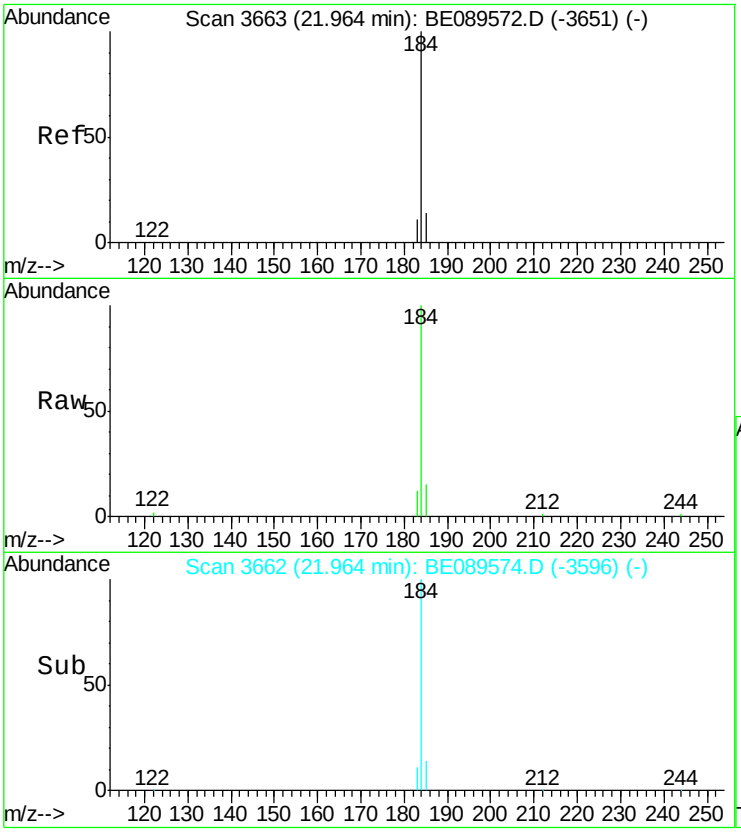


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3932
Delta R.T. 0.01 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion:240 Resp: 306517

Ion	Ratio	Lower	Upper
240	100		
120	5.3	12.7	19.1#
236	24.6	22.7	34.1



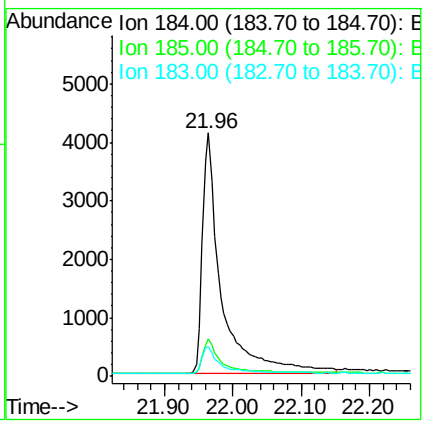


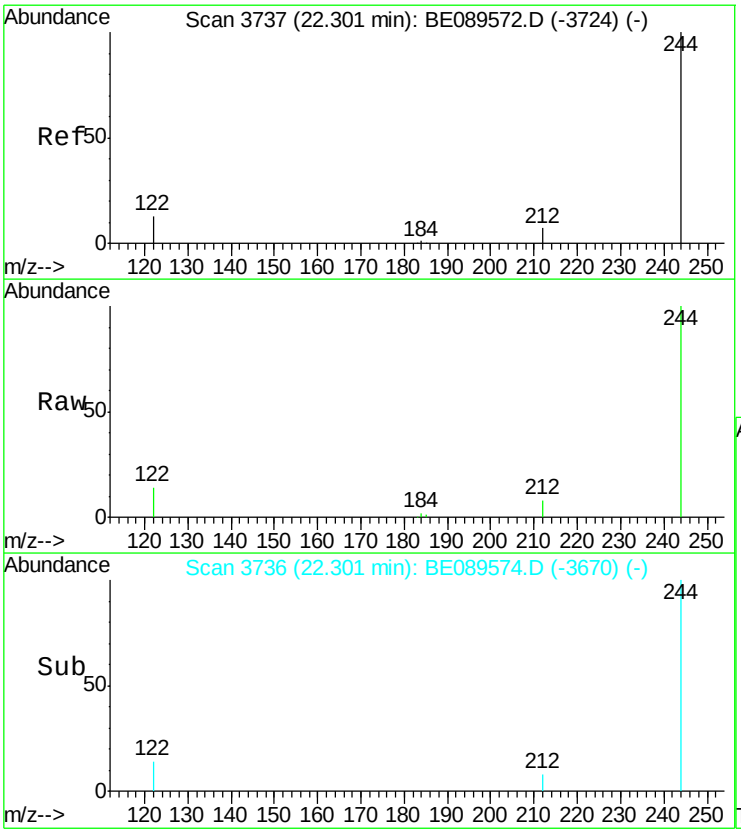
#21
Benzidine
Concen: 0.27 ng
RT: 21.96 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:184 Resp: 7923

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.7	17.5
183	12.4	8.9	13.3

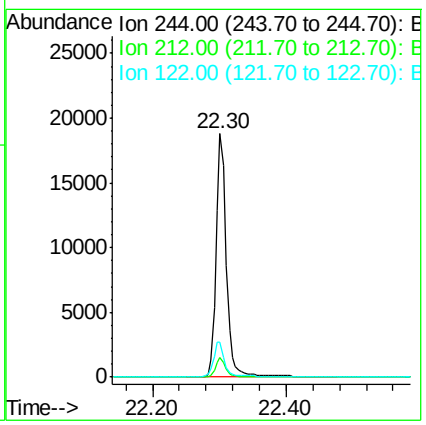


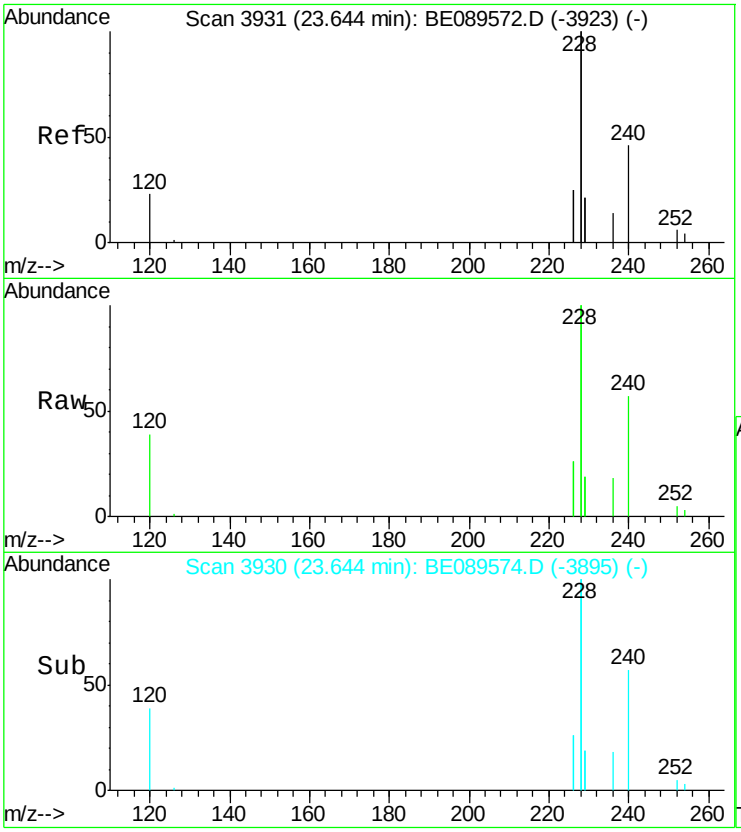


#22
Terphenyl-d14
Concen: 0.46 ng
RT: 22.30 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion:244 Resp: 19591

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	14.1	10.2	15.2



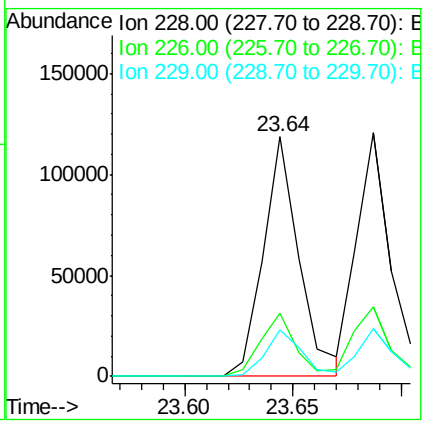


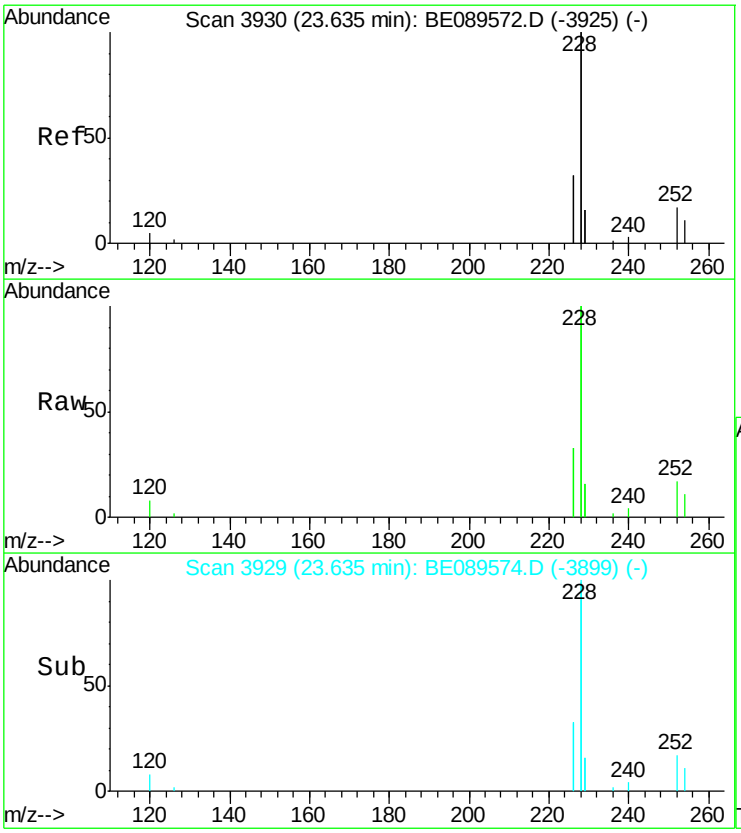
#23
Benzo(a)anthracene
Concen: 0.44 ng
RT: 23.64 min Scan# 3930
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 135904

Ion	Ratio	Lower	Upper
228	100		
226	26.3	19.9	29.9
229	19.2	16.6	24.8

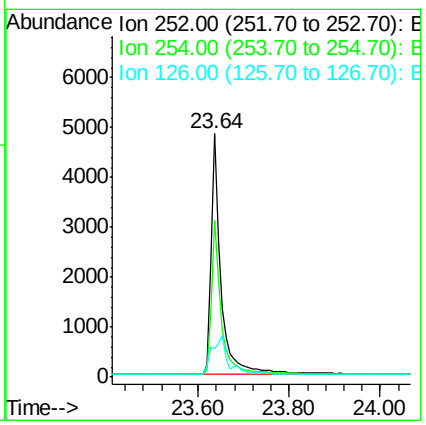


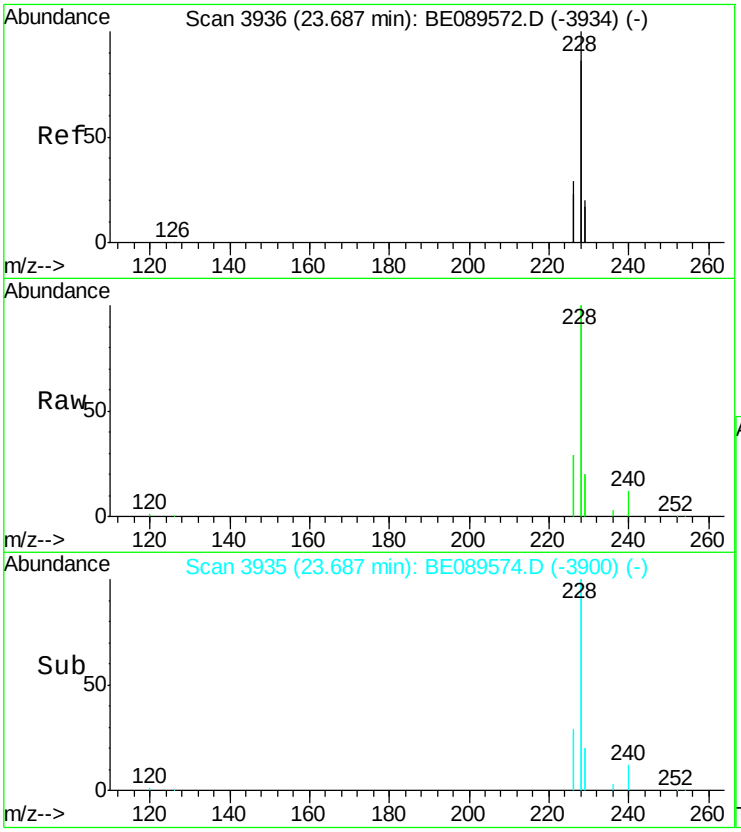


#24
3,3'-Dichlorobenzidine
Concen: 0.32 ng
RT: 23.64 min Scan# 3929
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion:252 Resp: 7539

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.0	76.4
126	11.7	8.3	12.5



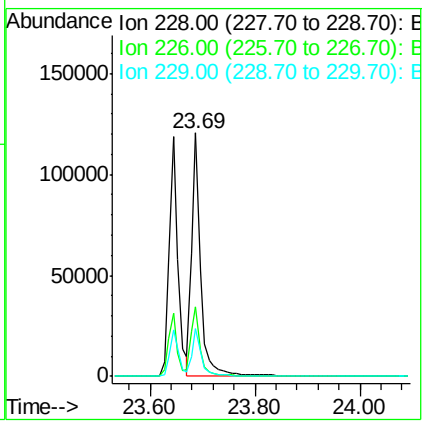


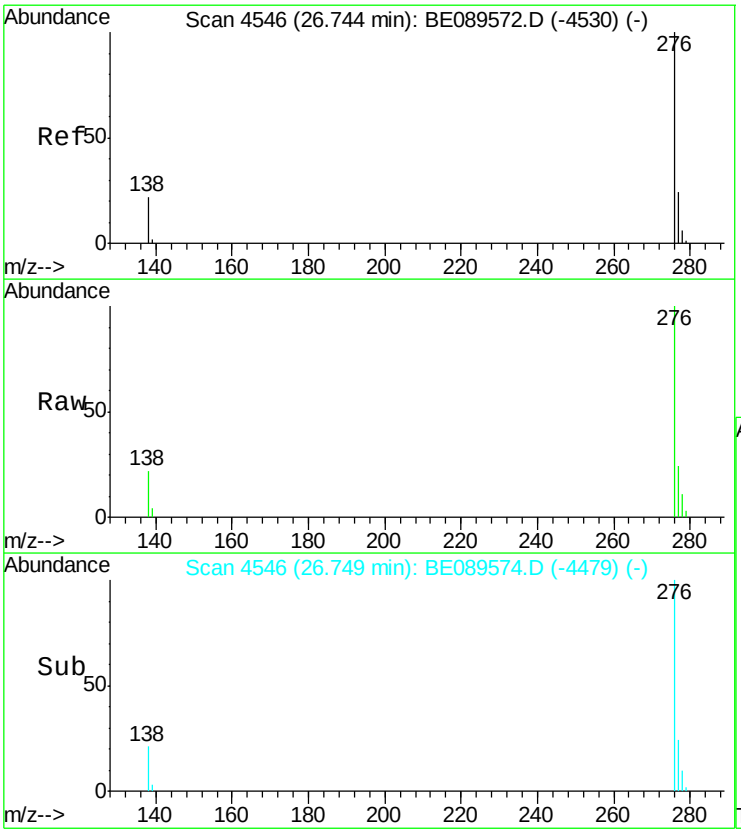
#25
Chrysene
Concen: 0.49 ng
RT: 23.69 min Scan# 3935
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 143644

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.9	34.3
229	19.9	15.8	23.6

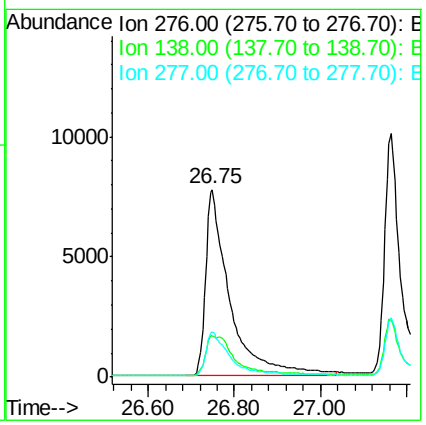


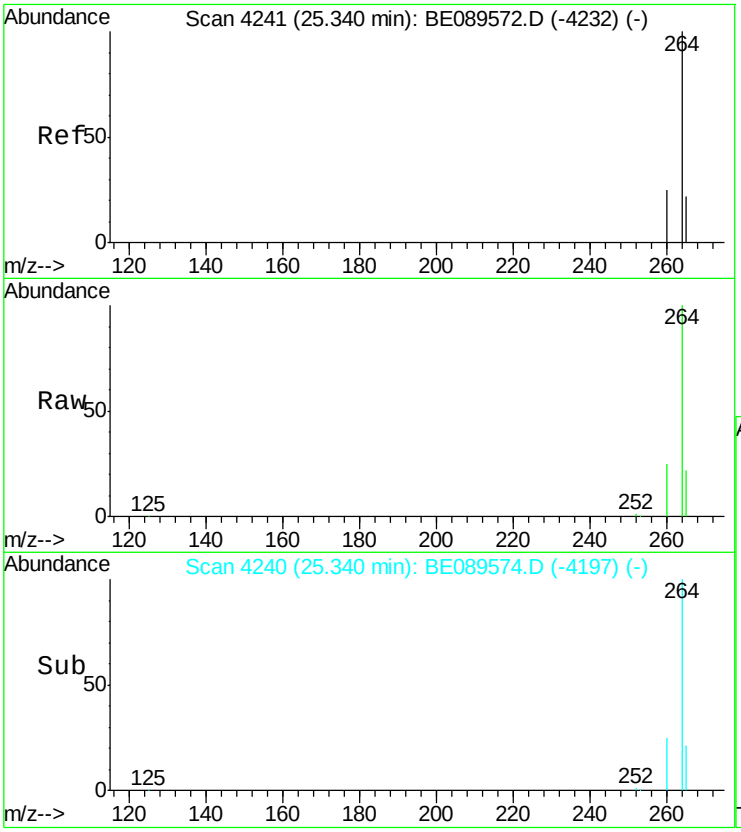


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 26.75 min Scan# 4546
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion:276 Resp: 30816

Ion	Ratio	Lower	Upper
276	100		
138	9.4	22.1	33.1#
277	23.9	19.4	29.2



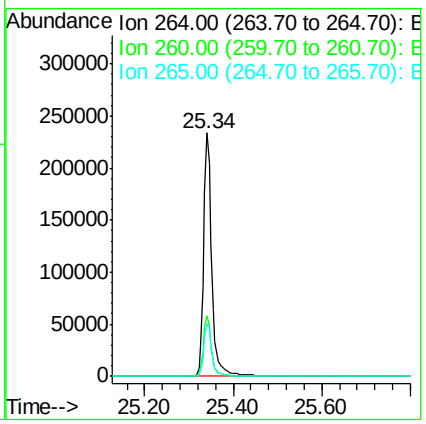


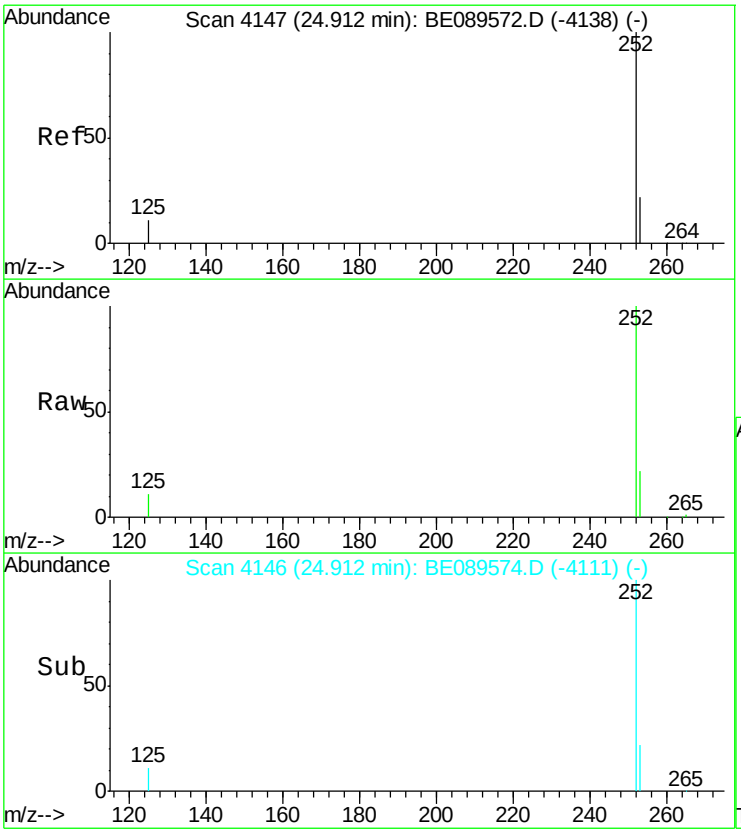
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4240
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 292141

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	21.6	17.5	26.3

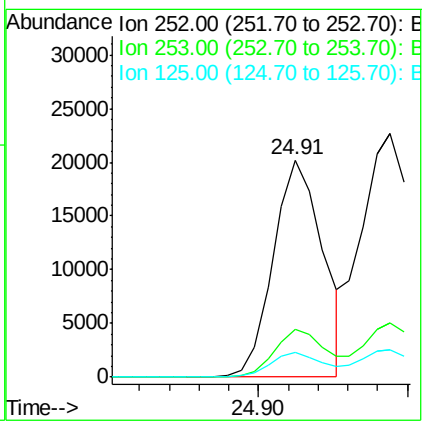


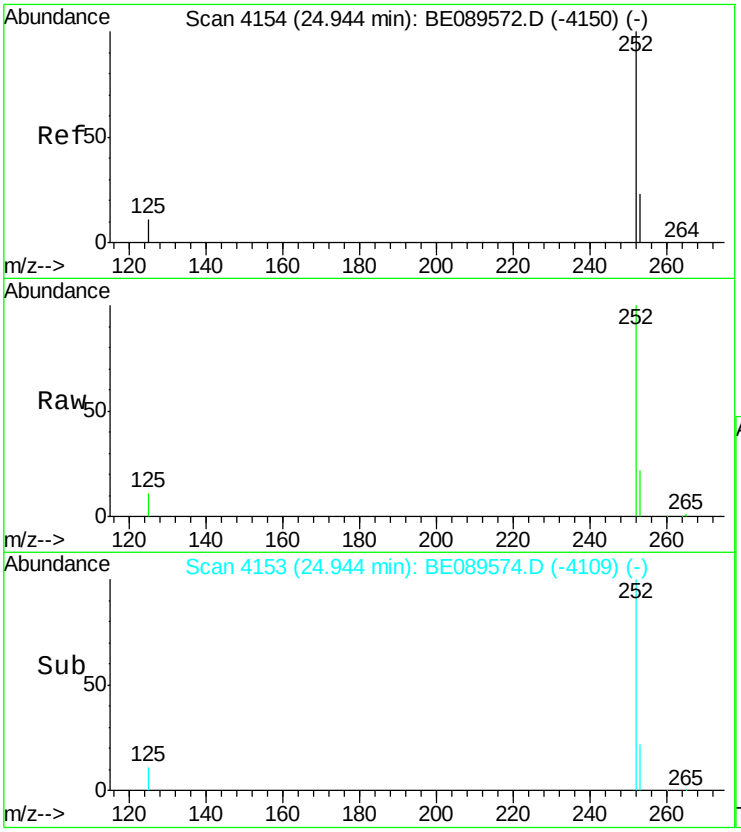


#28
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 24.91 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion:252 Resp: 23187

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.4	9.0	13.4



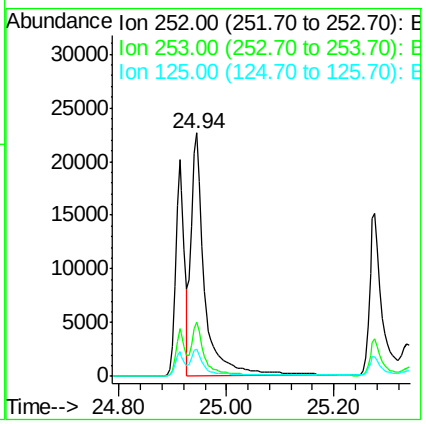


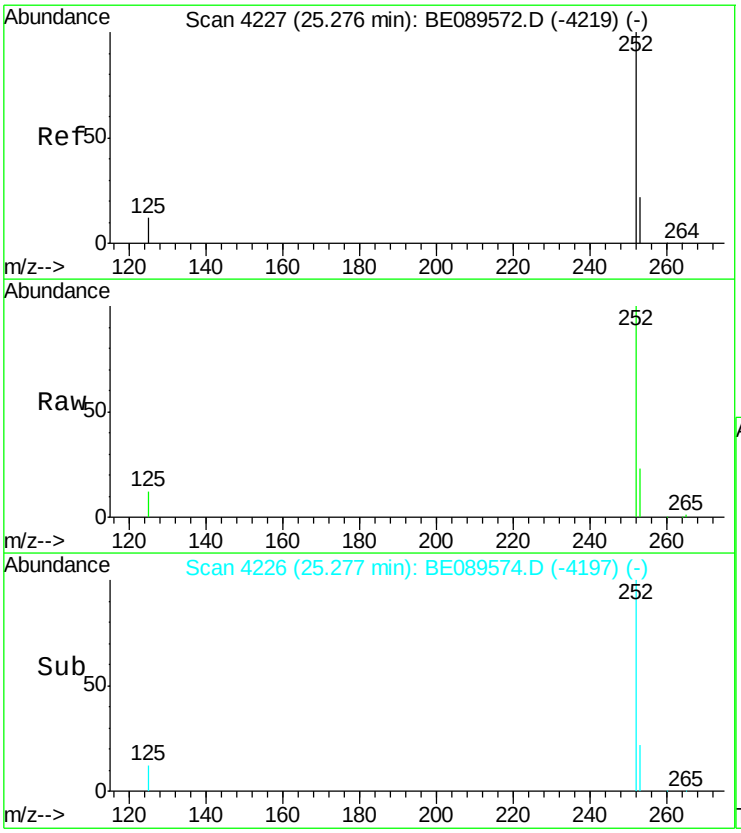
#29
Benzo(k)fluoranthene
Concen: 0.46 ng
RT: 24.94 min Scan# 4153
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 38401

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	11.1	8.9	13.3

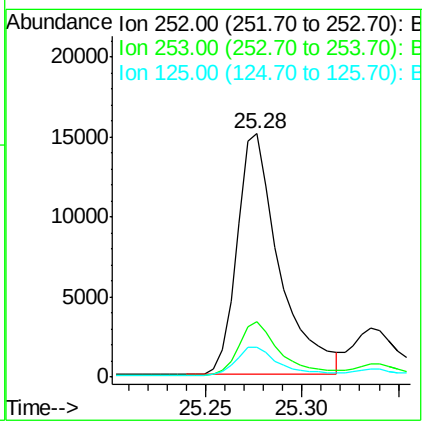


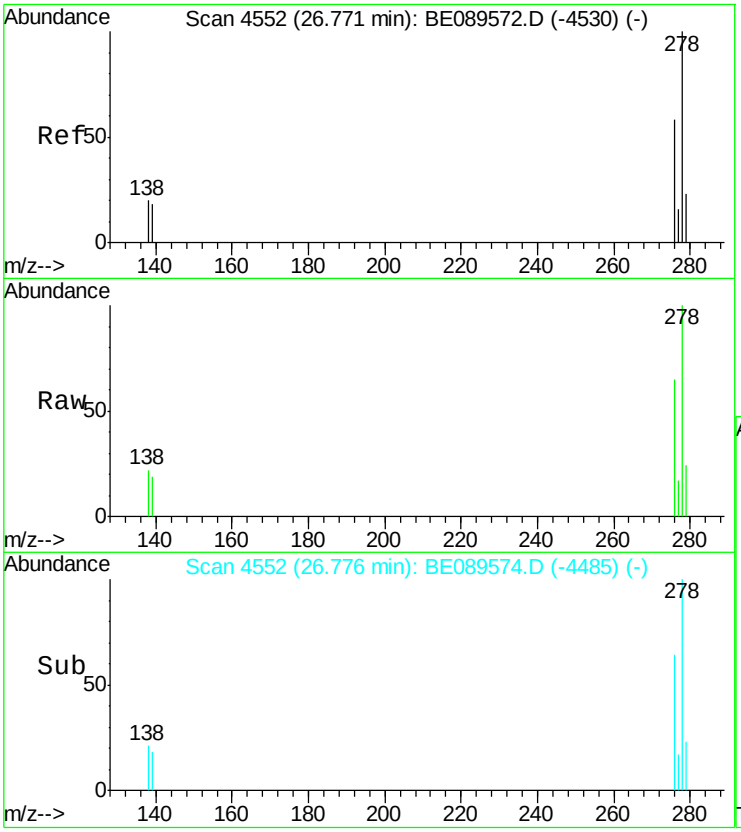


#30
Benzo(a)pyrene
Concen: 0.36 ng
RT: 25.28 min Scan# 4226
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Tgt Ion:252 Resp: 23008

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	12.3	9.5	14.3





#31
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.78 min Scan# 4552
Delta R.T. 0.00 min
Lab File: BE089574.D
Acq: 16 Feb 2015 17:50

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:278 Resp: 23759

Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.7	22.1
279	23.7	19.0	28.4