Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021615\
Data File : BE089575.D
Acq On : 16 Feb 2015 18:29
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.2

Quant Time: Feb 17 00:22:52 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 18:23:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	76891	5.00	ng		0.00
7) Naphthalene-d8	12.25	136	307829	5.00	ng		0.00
13) Acenaphthene-d10	16.42	164	145984	5.00	ng		0.00
17) Phenanthrene-d10	19.77	188	277334	5.00	ng		0.00
20) Chrysene-d12	23.66	240	288653	5.00	ng		0.00
27) Perylene-d12	25.34	264	270995	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.51	112	3938	0.18	ng		0.00
4) Phenol-d6	8.63	99	5396	0.18	ng		0.00
8) Nitrobenzene-d5	10.61	82	2205	0.17	ng		0.00
14) 2,4,6-Tribromophenol	18.31	330	521	0.16	ng		0.00
15) 2-Fluorobiphenyl	14.88	172	7585	0.19	ng		0.00
22) Terphenyl-d14	22.30	244	7163	0.18	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.29	42	20	0.00	ng	#	1
5) Phenol	8.66	94	5742	0.18	ng		98
6) bis(2-Chloroethyl)ether	8.83	93	4514	0.19	ng	#	95
9) Nitrobenzene	10.65	77	2418	0.15	ng		99
10) 2,4-Dimethylphenol	11.59	122	3183	0.18	ng		97
11) 2,4-Dichlorophenol	11.97	162	2456	0.17	ng		94
12) Hexachlorobutadiene	12.64	225	1834	0.20	ng		99
16) 2,4-Dinitrophenol	16.68	184	48	0.09	ng	#	38
18) Hexachlorobenzene	19.00	284	2255	0.19	ng		93
19) Pentachlorophenol	19.45	266	291	0.14	ng		93
21) Benzidine	21.97	184	2641	0.10	ng	#	92
23) Benzo(a)anthracene	23.64	228	47481	0.17	ng		95
24) 3,3'-Dichlorobenzidine	23.63	252	2263	0.11	ng	#	97
25) Chrysene	23.69	228	54641	0.20	ng		98
26) Indeno(1,2,3-cd)pyrene	26.75	276	9039	0.13	ng		95
28) Benzo(b)fluoranthene	24.92	252	7102	0.12	ng		97
29) Benzo(k)fluoranthene	24.94	252	12516	0.16	ng		97
30) Benzo(a)pyrene	25.27	252	6799	0.12	ng		97
31) Dibenzo(a,h)anthracene	26.78	278	6431	0.11	ng		97

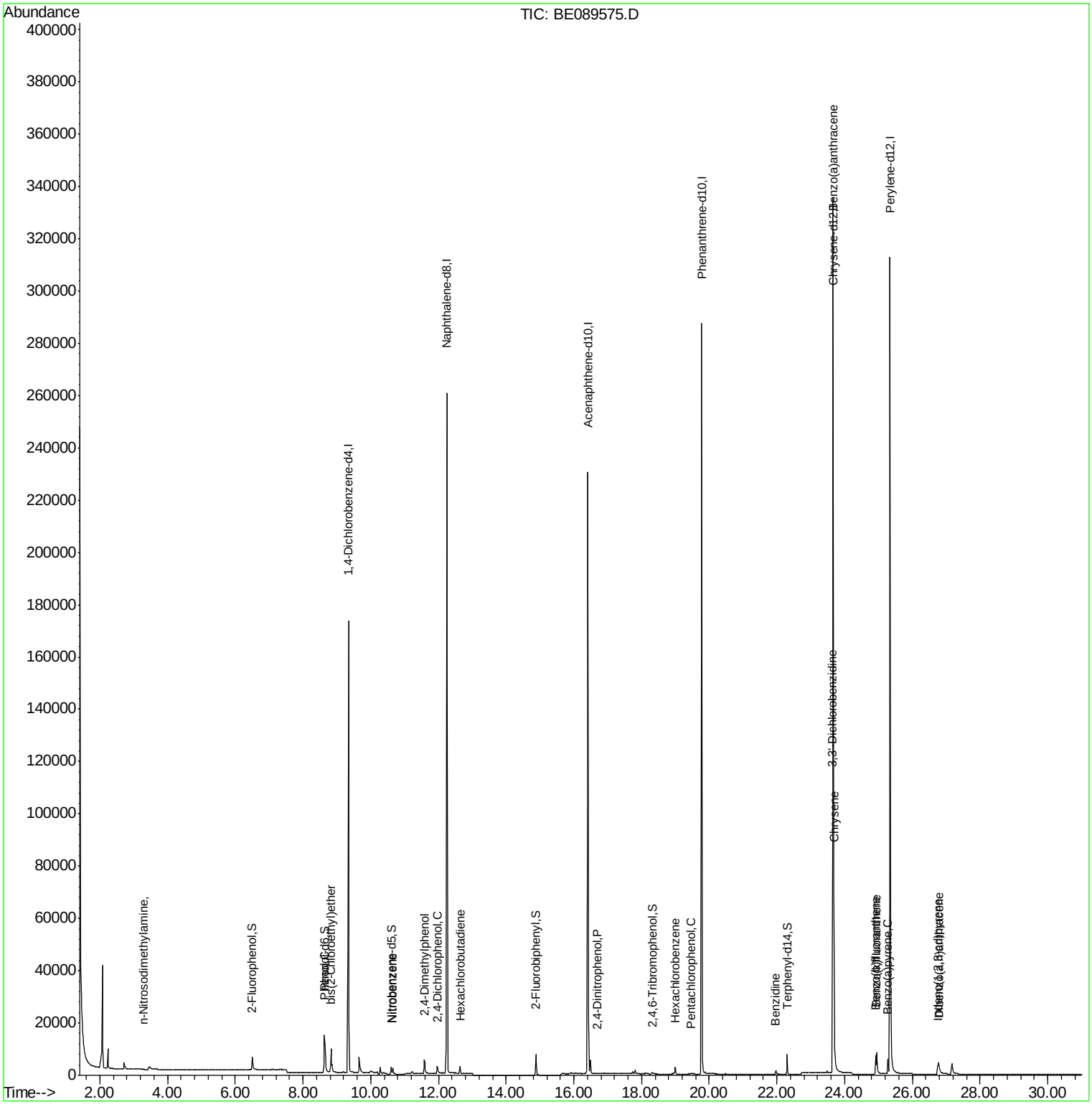
(#) = qualifier out of range (m) = manual integration (+) = signals summed

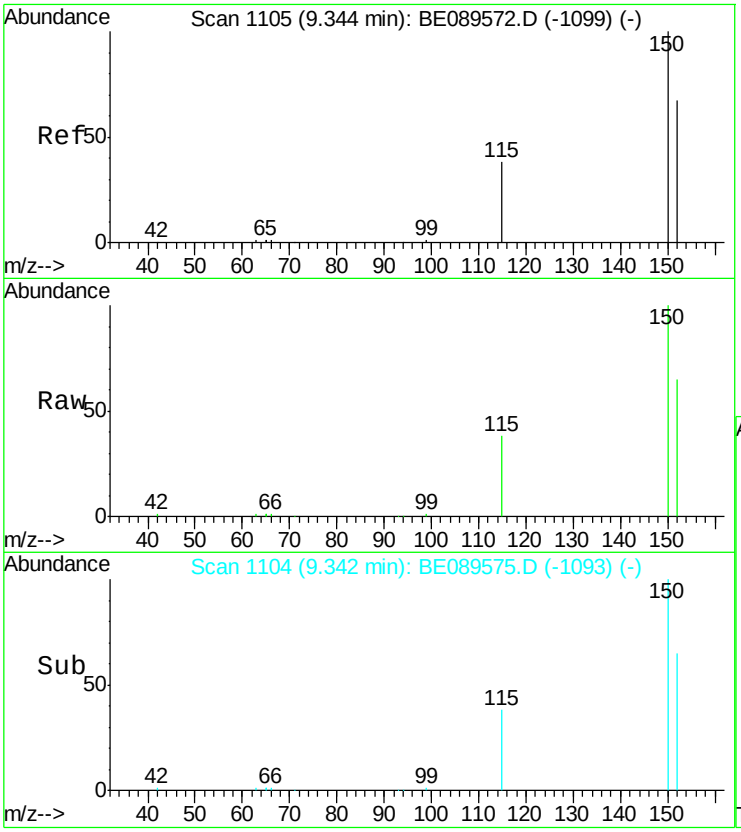
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021615\
Data File : BE089575.D
Acq On : 16 Feb 2015 18:29
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Quant Time: Feb 17 00:22:52 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 18:23:16 2015
Response via : Initial Calibration



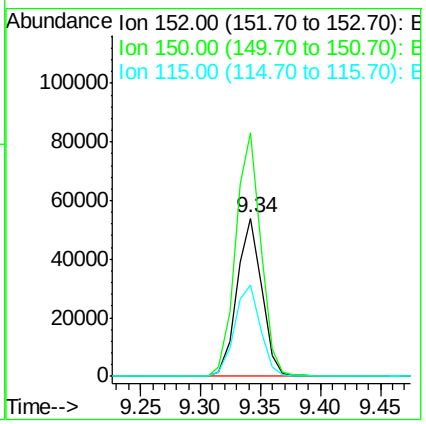


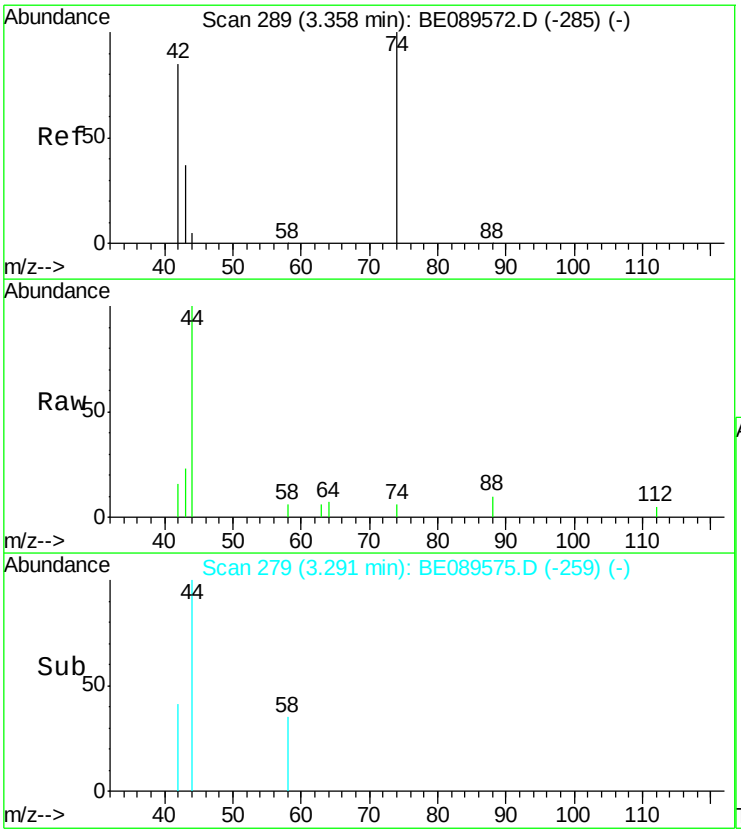
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 76891

Ion	Ratio	Lower	Upper
152	100		
150	154.2	120.2	180.2
115	58.0	45.2	67.8

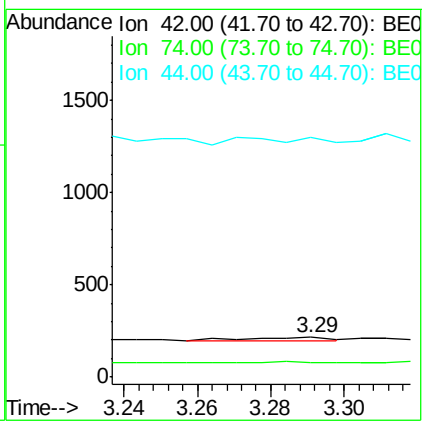


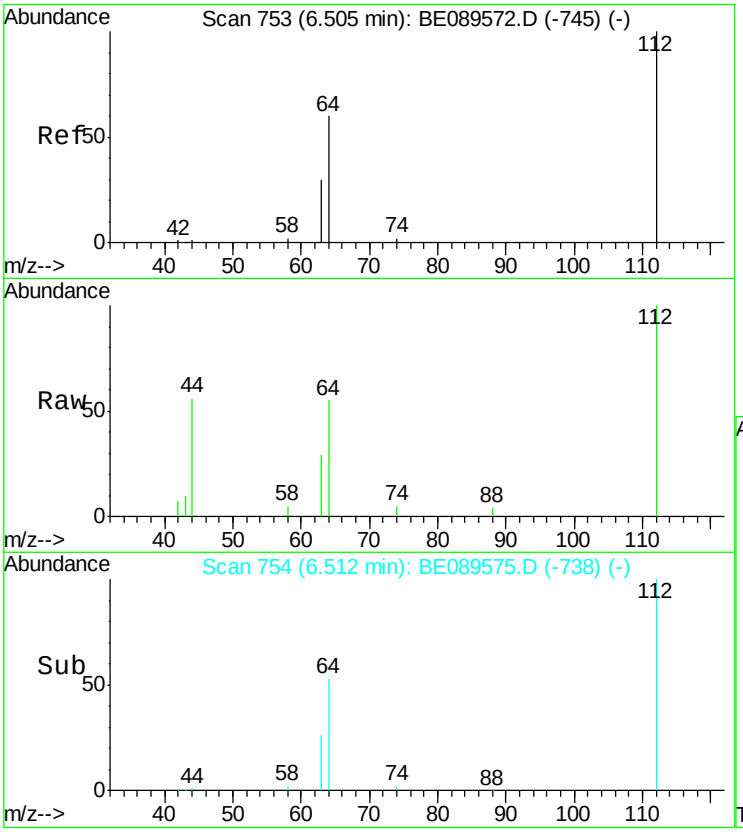


#2
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.29 min Scan# 279
Delta R.T. -0.07 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion: 42 Resp: 20

Ion	Ratio	Lower	Upper
42	100		
74	35.0	90.1	135.1#
44	606.1	35.0	52.4#



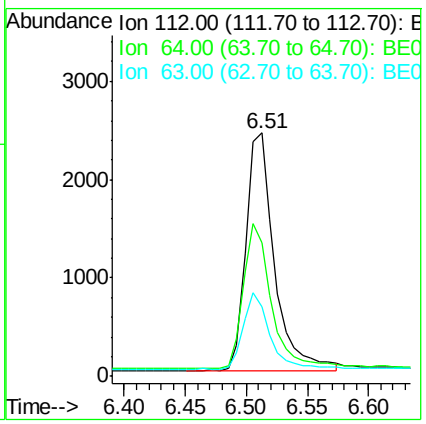


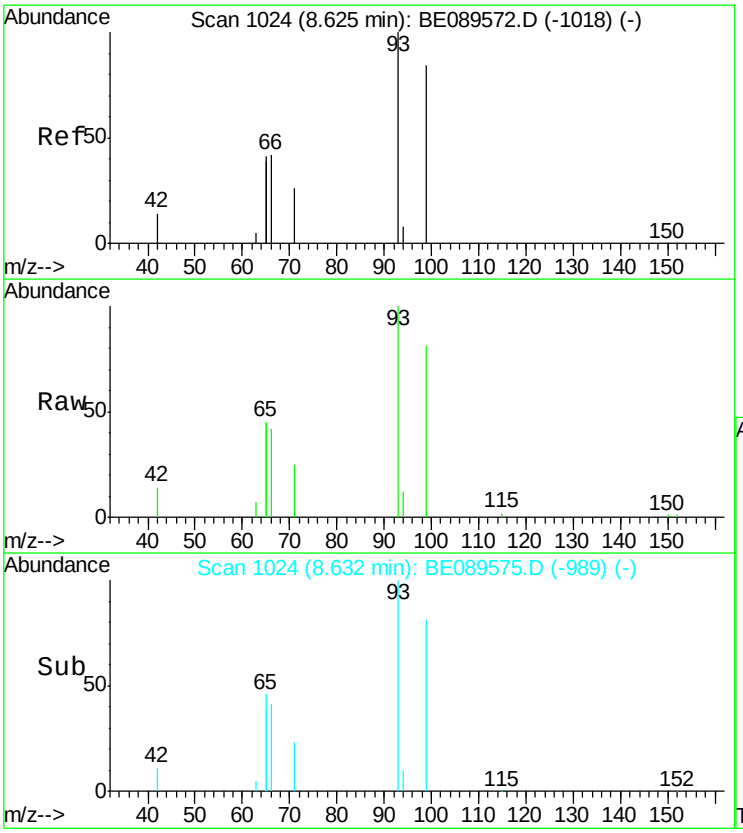
#3
2-Fluorophenol
Concen: 0.18 ng
RT: 6.51 min Scan# 754
Delta R.T. 0.01 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:112 Resp: 3938

Ion	Ratio	Lower	Upper
112	100		
64	54.7	48.6	72.8
63	28.8	24.6	37.0

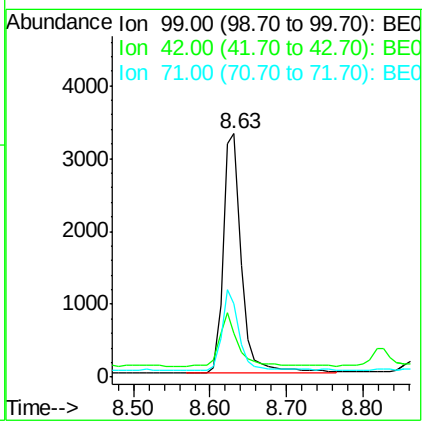


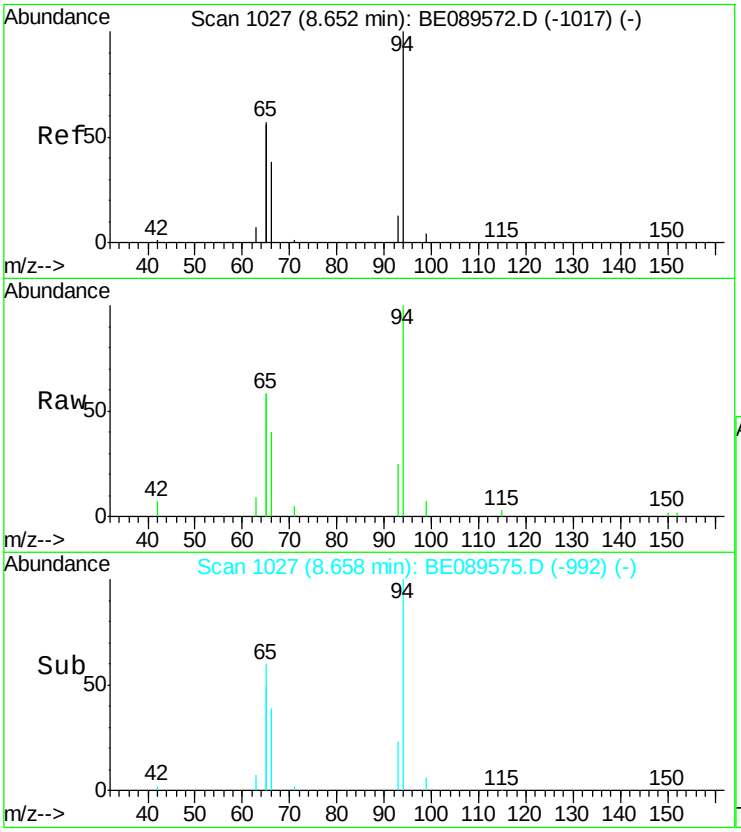


#4
Phenol-d6
Concen: 0.18 ng
RT: 8.63 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion: 99 Resp: 5396

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.9	20.9
71	30.3	25.2	37.8



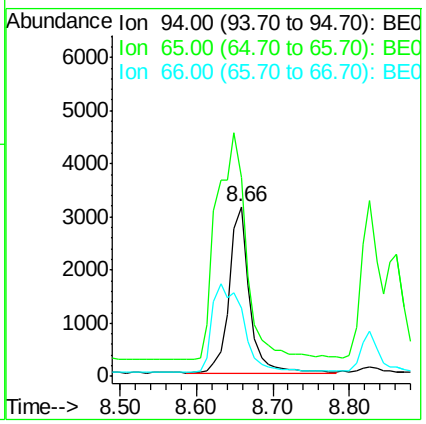


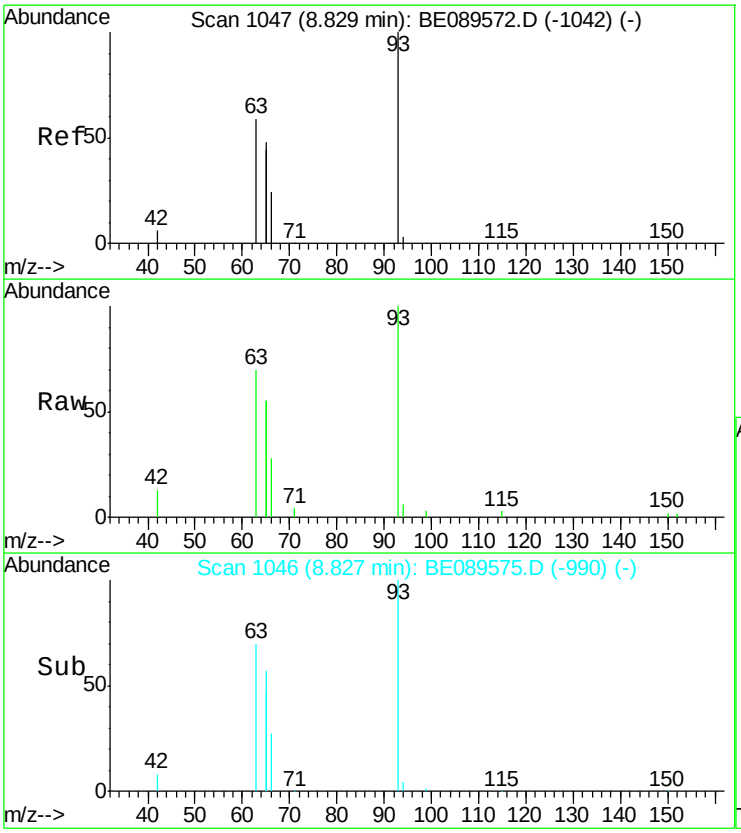
#5
Phenol
Concen: 0.18 ng
RT: 8.66 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion: 94 Resp: 5742

Ion	Ratio	Lower	Upper
94	100		
65	116.9	94.5	134.5
66	40.2	18.2	58.2

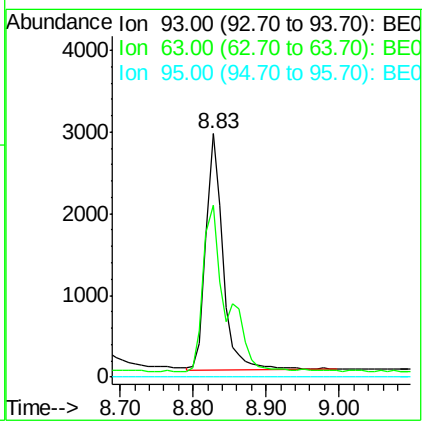


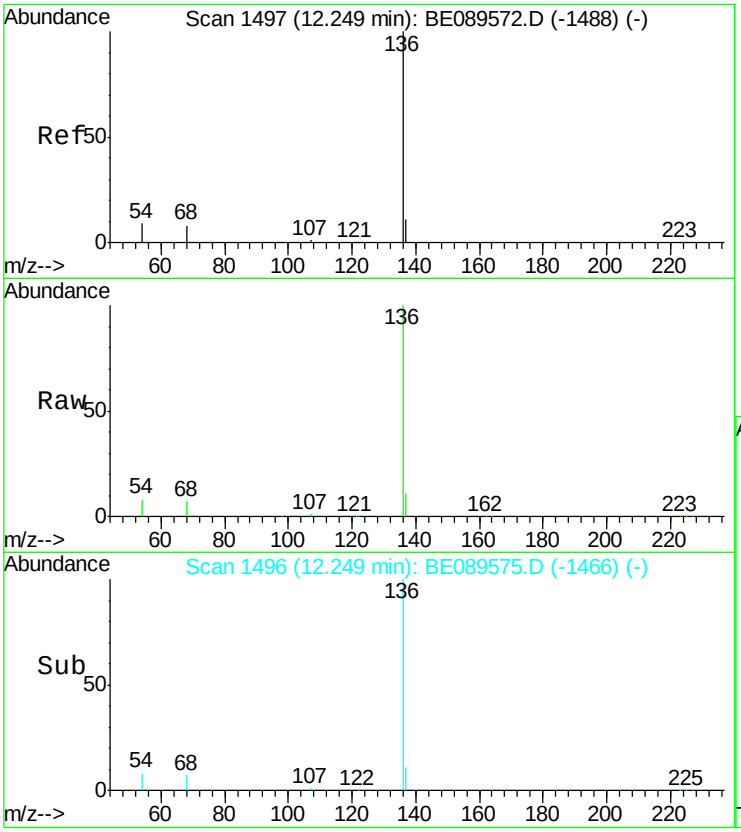


#6
bis(2-Chloroethyl)ether
Concen: 0.19 ng
RT: 8.83 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion: 93 Resp: 4514

Ion	Ratio	Lower	Upper
93	100		
63	97.5	81.7	122.5
95	0.0	0.0	0.0



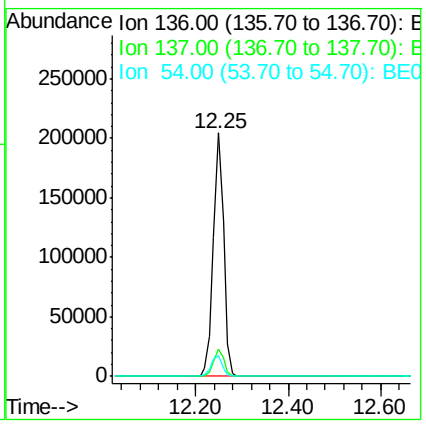


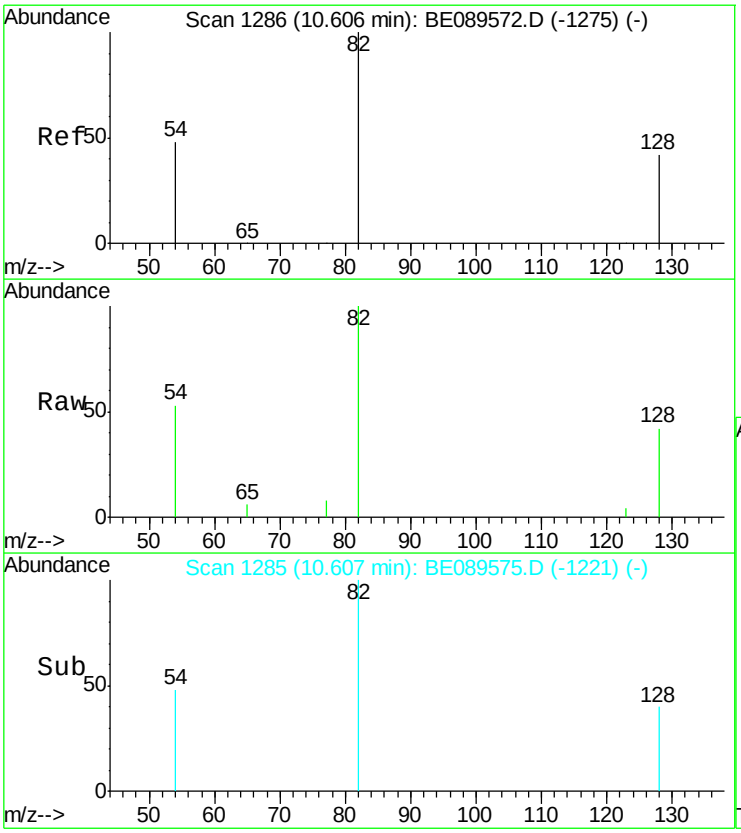
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.25 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 307829

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

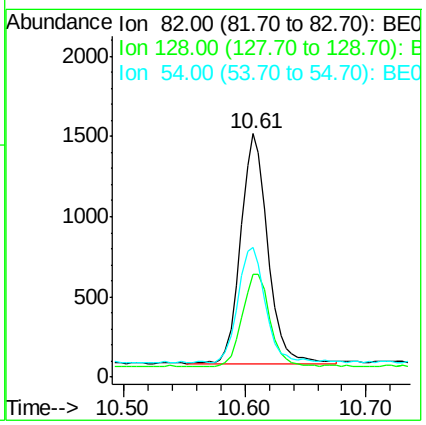


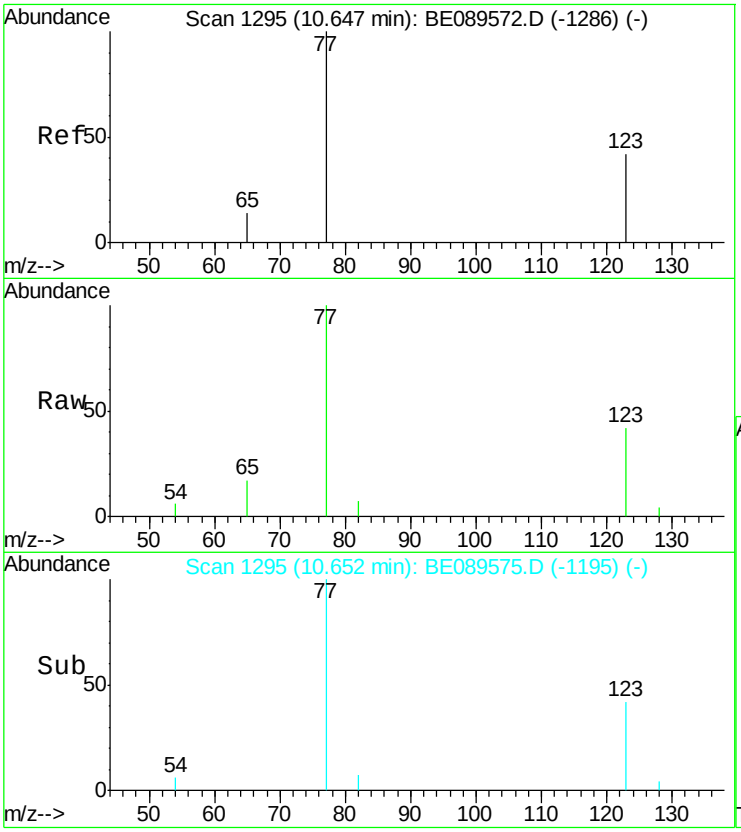


#8
Nitrobenzene-d5
Concen: 0.17 ng
RT: 10.61 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion: 82 Resp: 2205

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.8	50.6
54	53.2	39.0	58.6



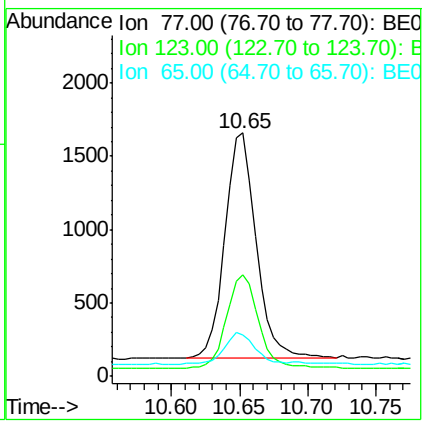


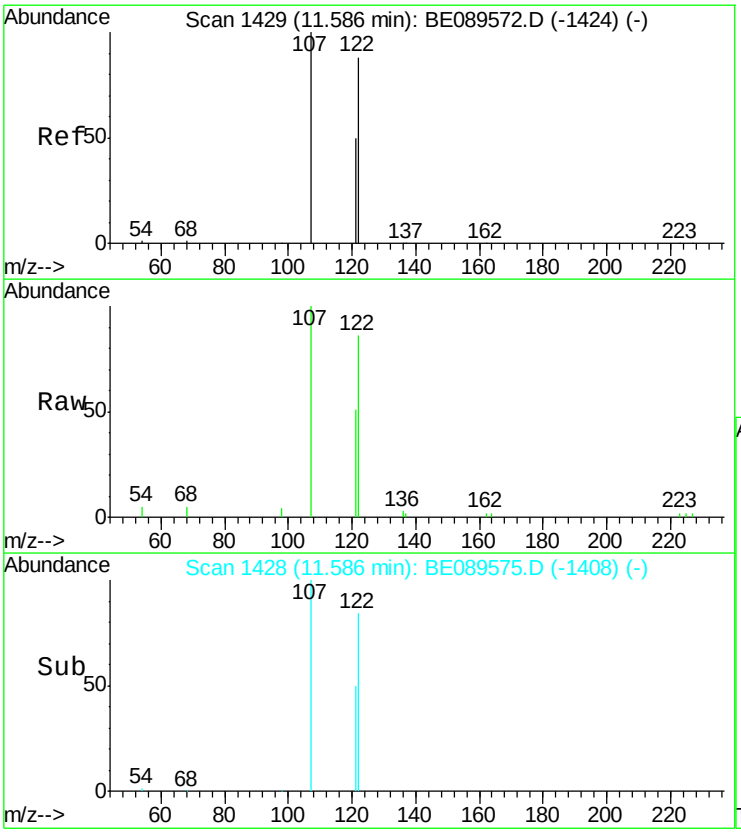
#9
Nitrobenzene
Concen: 0.15 ng
RT: 10.65 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion: 77 Resp: 2418

Ion	Ratio	Lower	Upper
77	100		
123	42.4	34.4	51.6
65	14.7	11.4	17.2

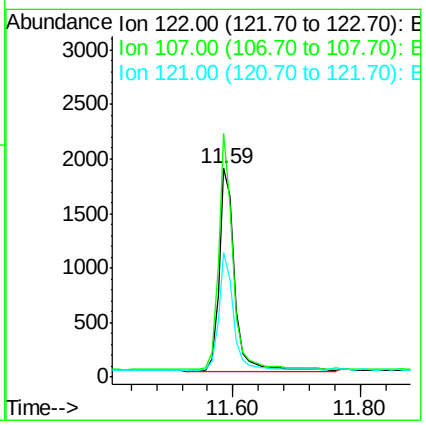


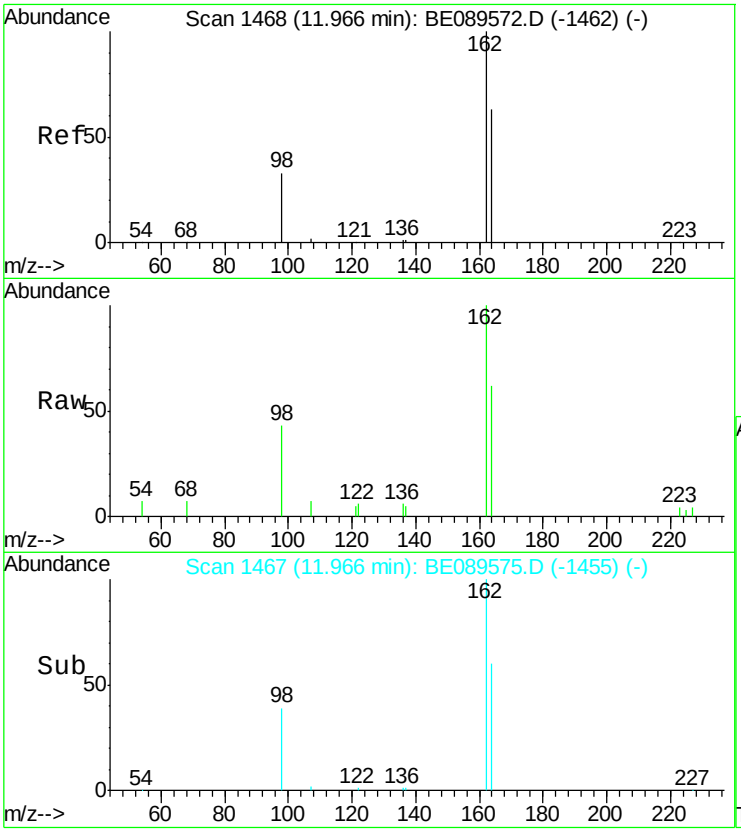


#10
2,4-Dimethylphenol
Concen: 0.18 ng
RT: 11.59 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion:122 Resp: 3183

Ion	Ratio	Lower	Upper
122	100		
107	116.5	90.9	136.3
121	59.7	45.4	68.2



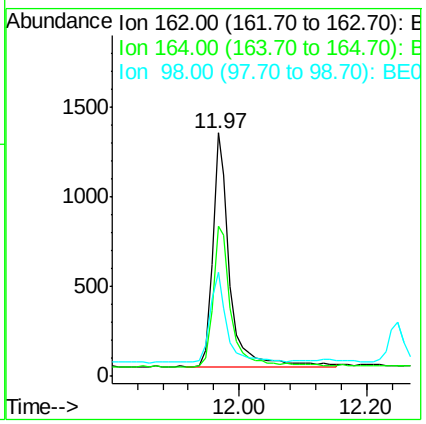


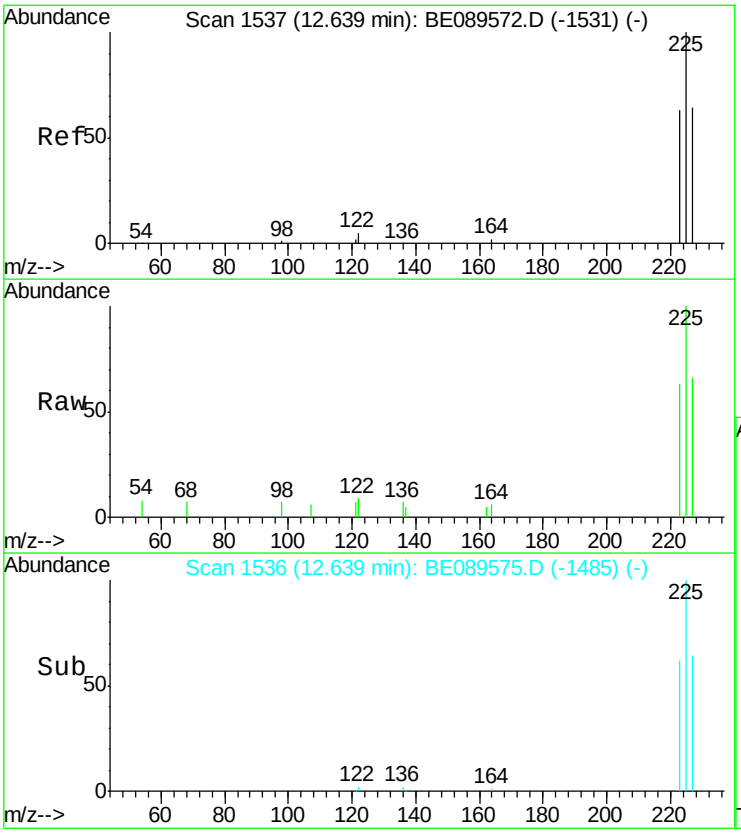
#11
2,4-Dichlorophenol
Concen: 0.17 ng
RT: 11.97 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:162 Resp: 2456

Ion	Ratio	Lower	Upper
162	100		
164	61.9	43.4	83.4
98	43.0	14.6	54.6

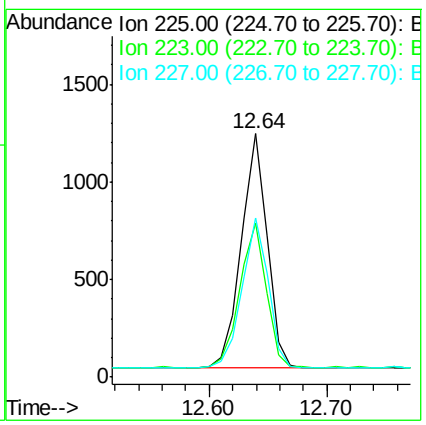


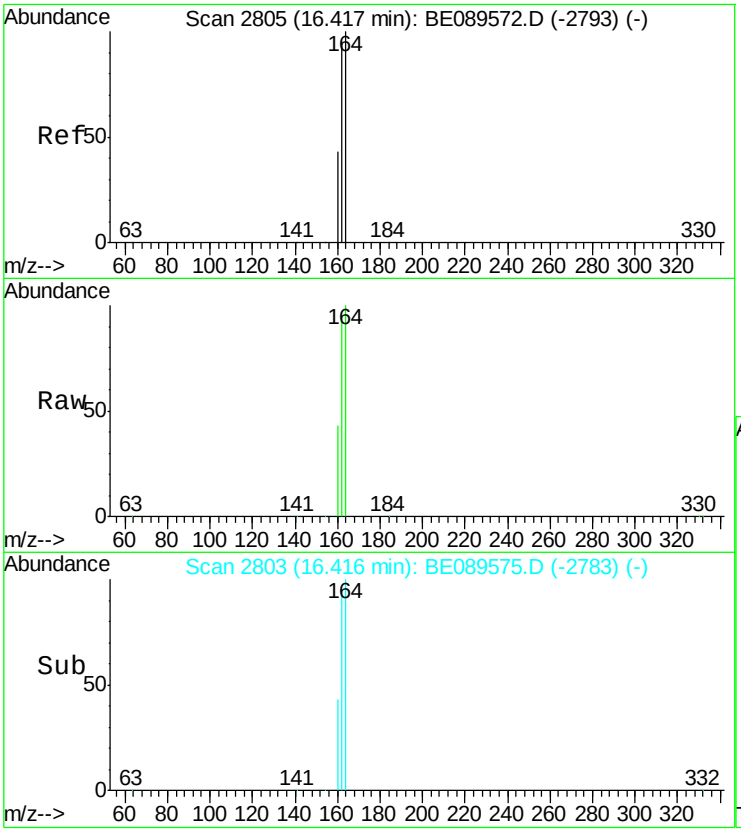


#12
Hexachlorobutadiene
Concen: 0.20 ng
RT: 12.64 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion:225 Resp: 1834

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	64.8	51.0	76.6



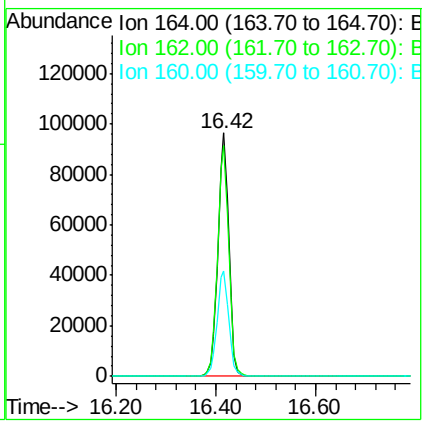


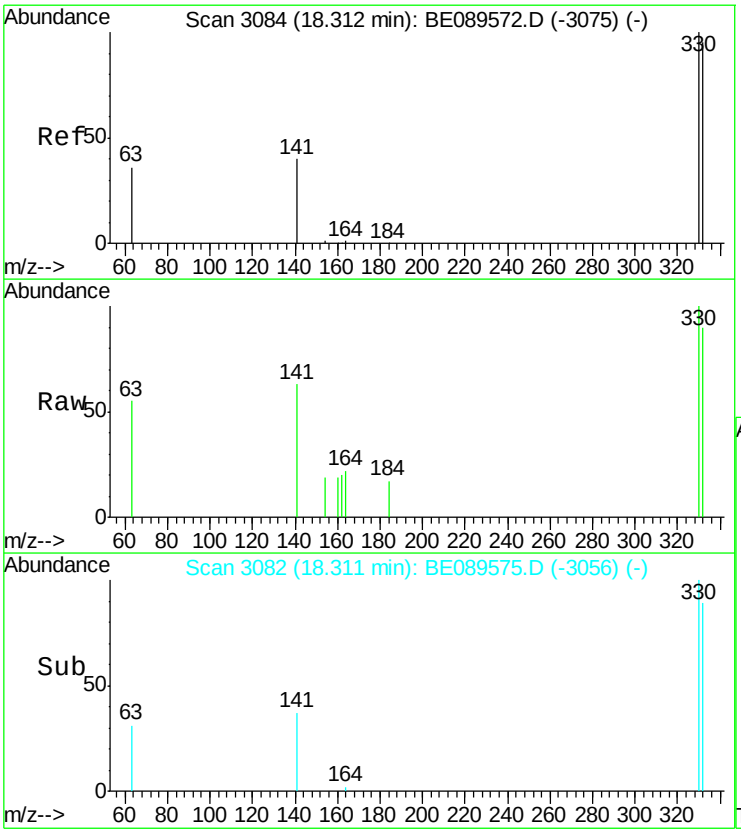
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 145984

Ion	Ratio	Lower	Upper
164	100		
162	94.8	76.2	114.4
160	43.4	34.7	52.1

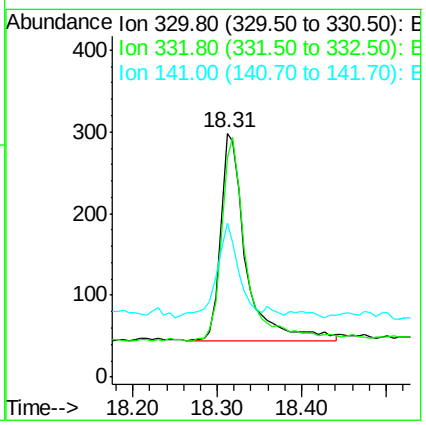


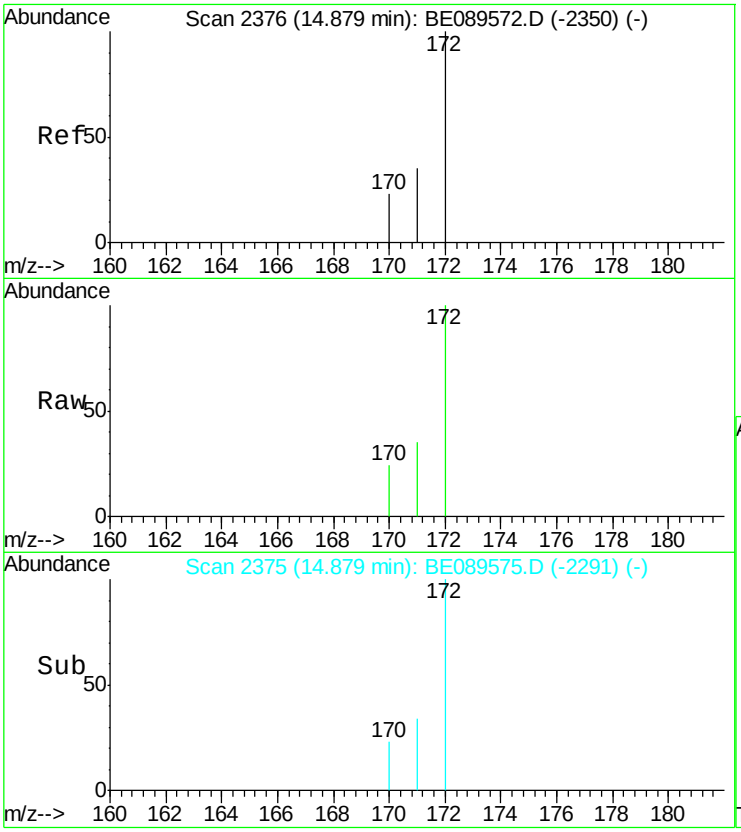


#14
2,4,6-Tribromophenol
Concen: 0.16 ng
RT: 18.31 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion:330 Resp: 521

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.3	117.5
141	40.9	33.4	50.0



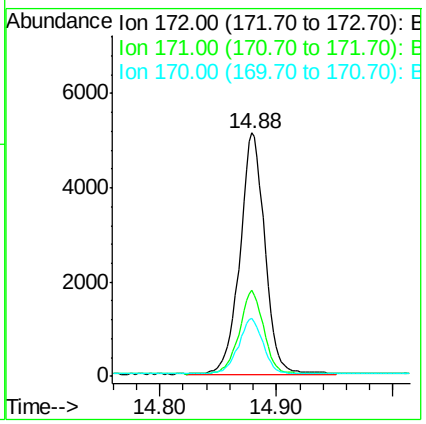


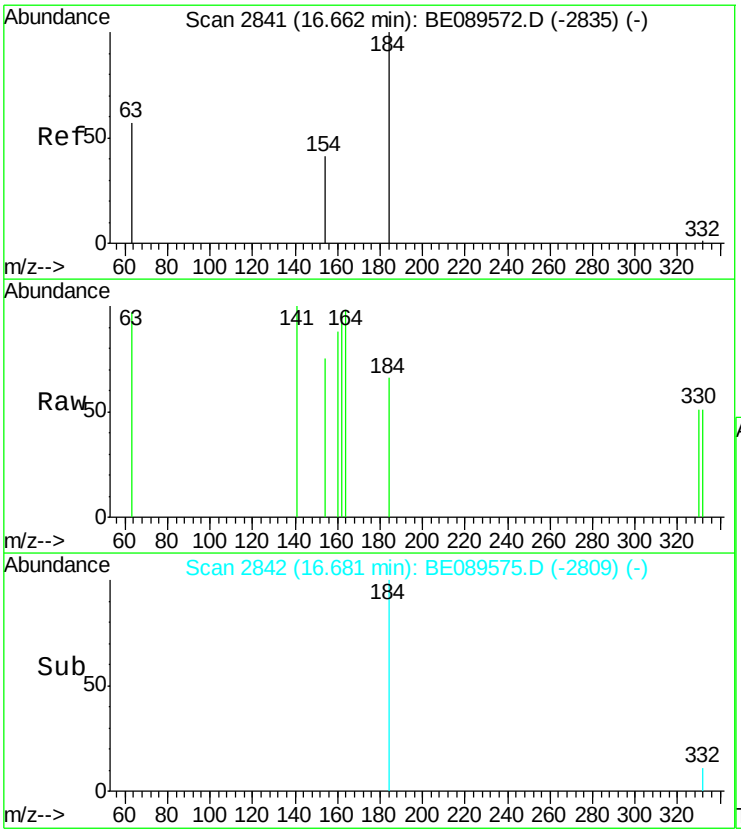
#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 14.88 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 7585

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.8	18.5	27.7

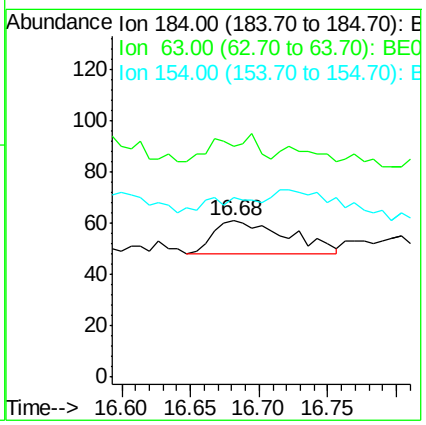


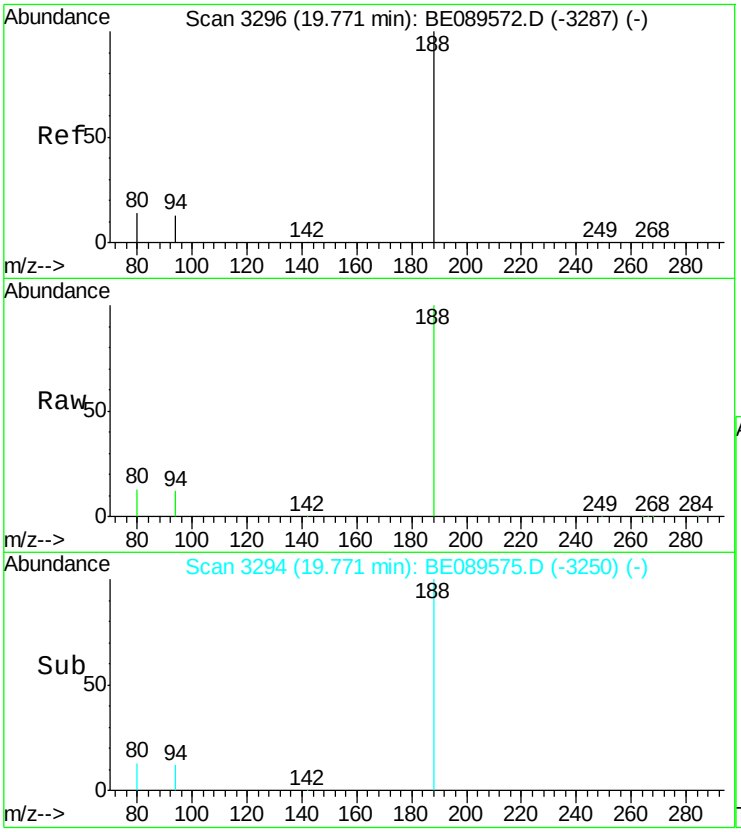


#16
2,4-Dinitrophenol
Concen: 0.09 ng
RT: 16.68 min Scan# 2842
Delta R.T. 0.02 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion:184 Resp: 48

Ion	Ratio	Lower	Upper
184	100		
63	147.5	70.8	106.2#
154	114.8	52.9	79.3#



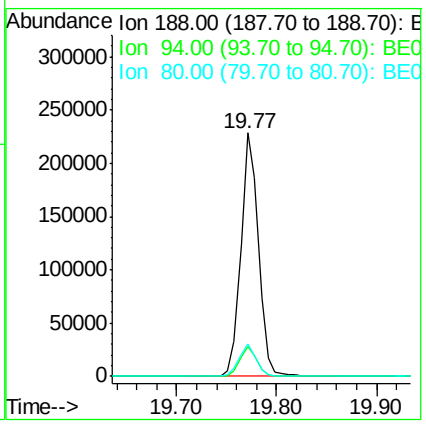


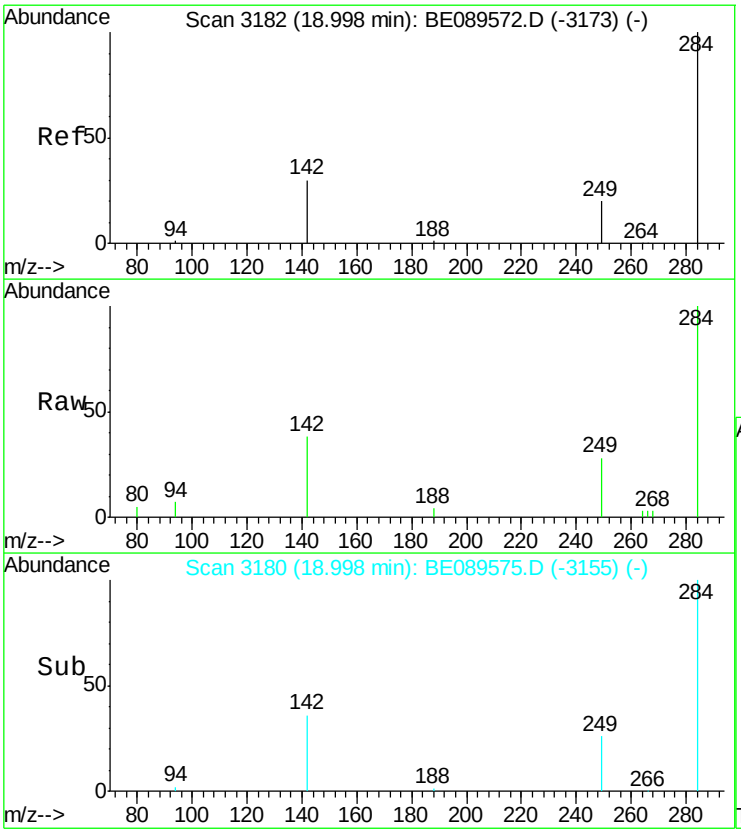
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3294
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 277334

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.2	15.4
80	13.2	11.0	16.6

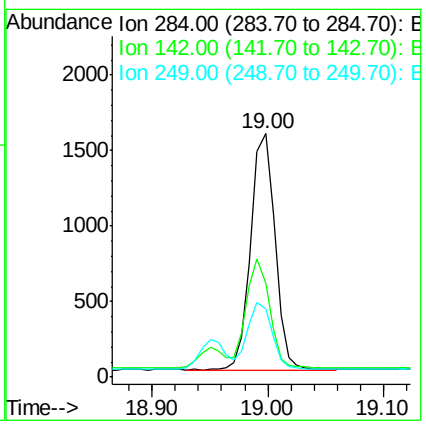


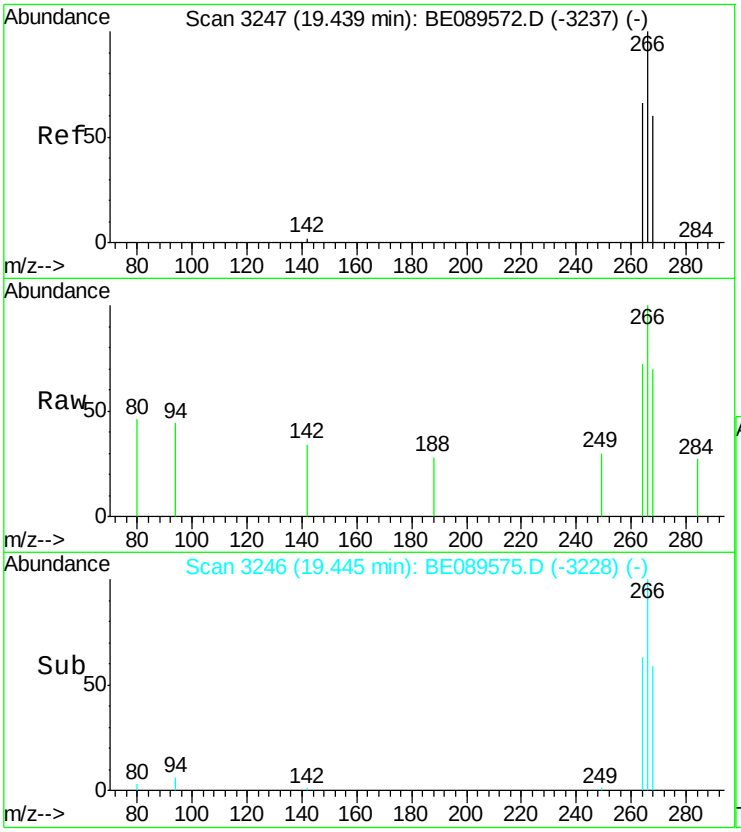


#18
Hexachlorobenzene
Concen: 0.19 ng
RT: 19.00 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion:284 Resp: 2255

Ion	Ratio	Lower	Upper
284	100		
142	38.5	27.6	41.4
249	28.2	20.0	30.0



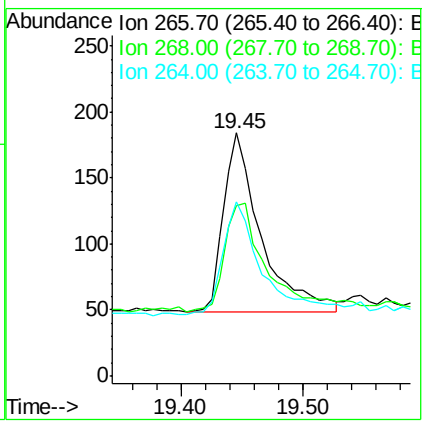


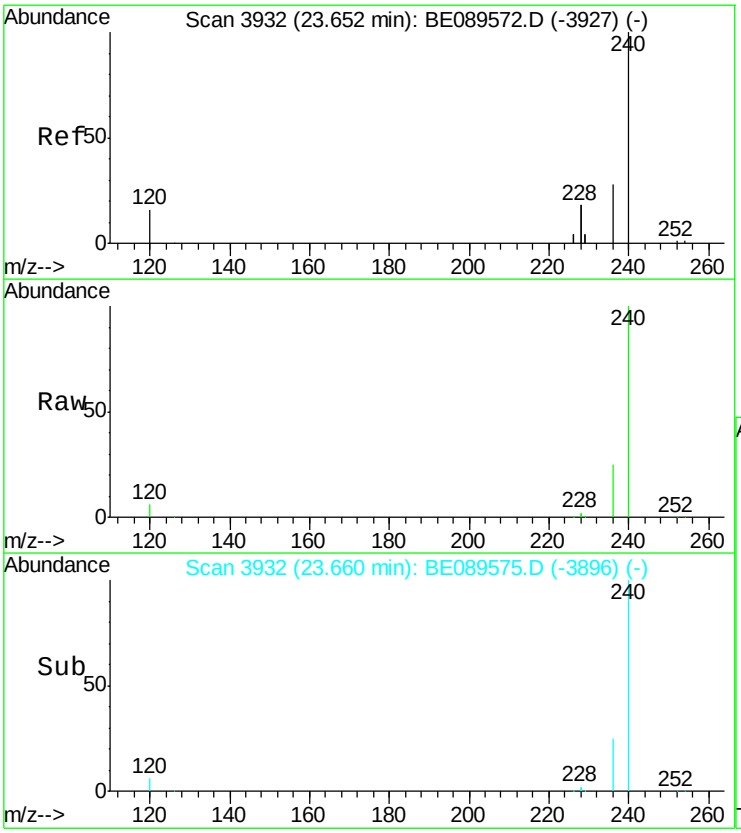
#19
Pentachlorophenol
Concen: 0.14 ng
RT: 19.45 min Scan# 3246
Delta R.T. 0.01 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:266 Resp: 291

Ion	Ratio	Lower	Upper
266	100		
268	70.1	50.2	75.4
264	71.7	54.4	81.6

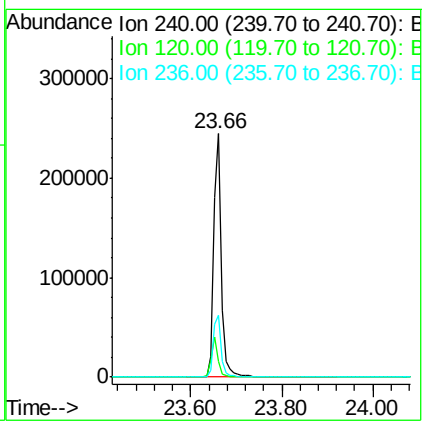


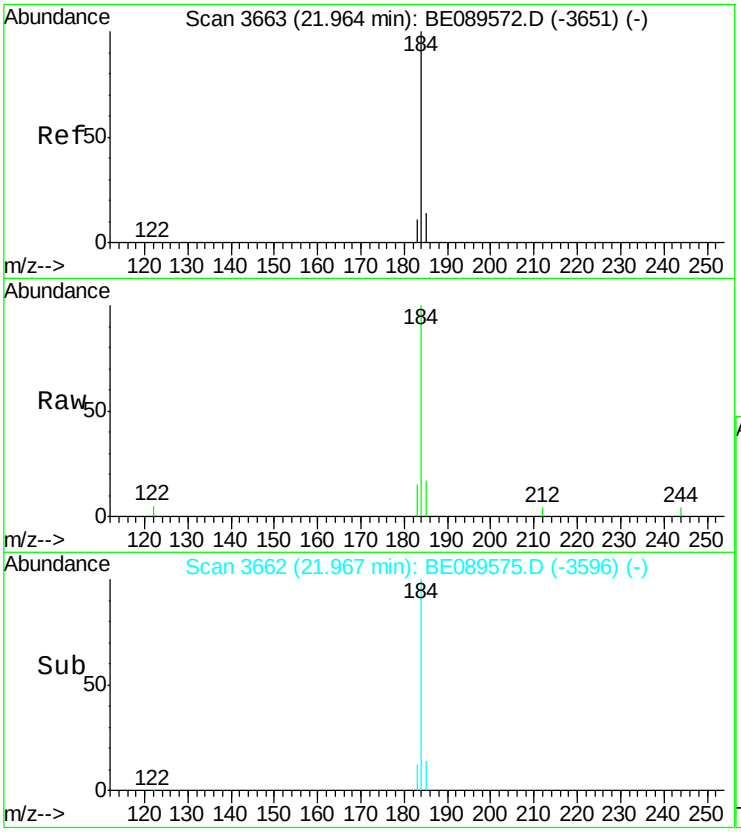


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3932
Delta R.T. 0.01 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion:240 Resp: 288653

Ion	Ratio	Lower	Upper
240	100		
120	6.4	12.7	19.1#
236	25.3	22.7	34.1



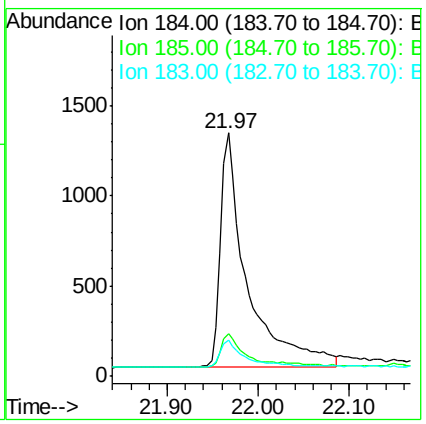


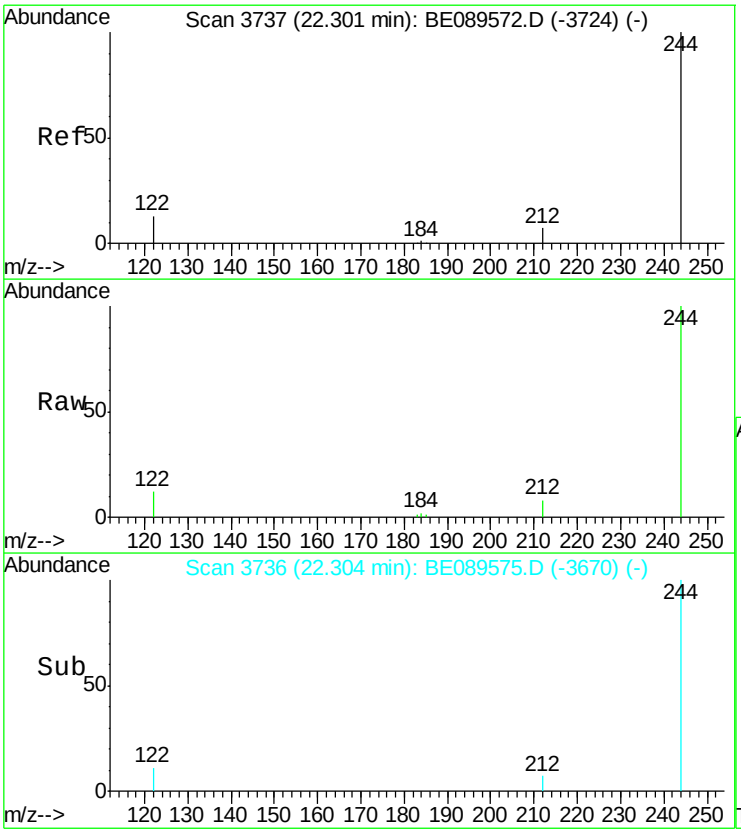
#21
Benzidine
Concen: 0.10 ng
RT: 21.97 min Scan# 3662
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:184 Resp: 2641

Ion	Ratio	Lower	Upper
184	100		
185	17.4	11.7	17.5
183	15.0	8.9	13.3#

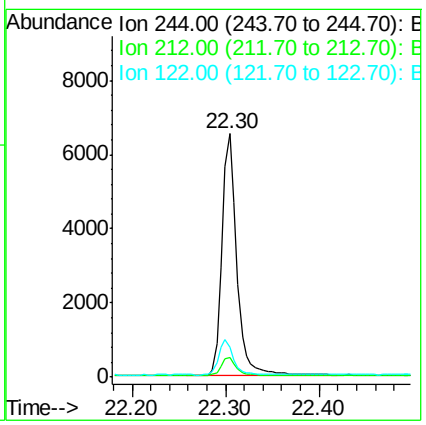


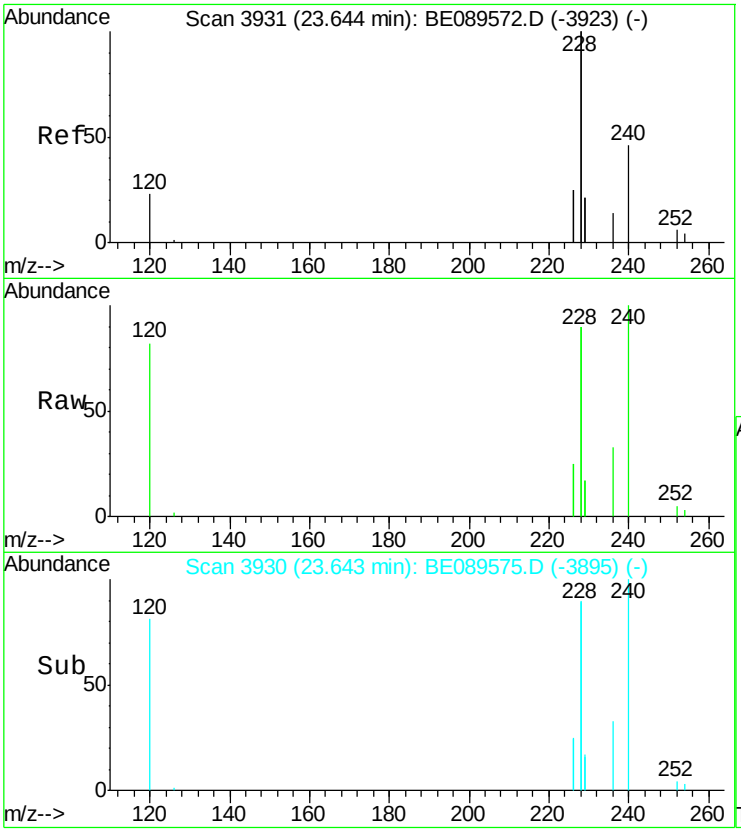


#22
Terphenyl-d14
Concen: 0.18 ng
RT: 22.30 min Scan# 3736
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion:244 Resp: 7163

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	12.2	10.2	15.2



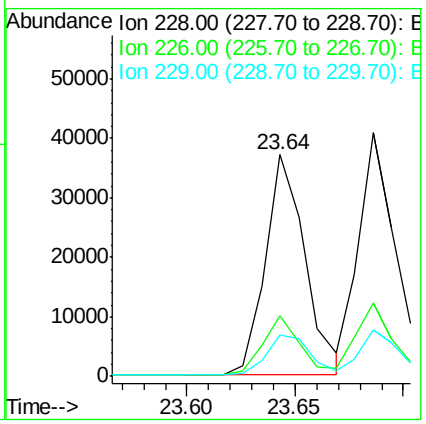


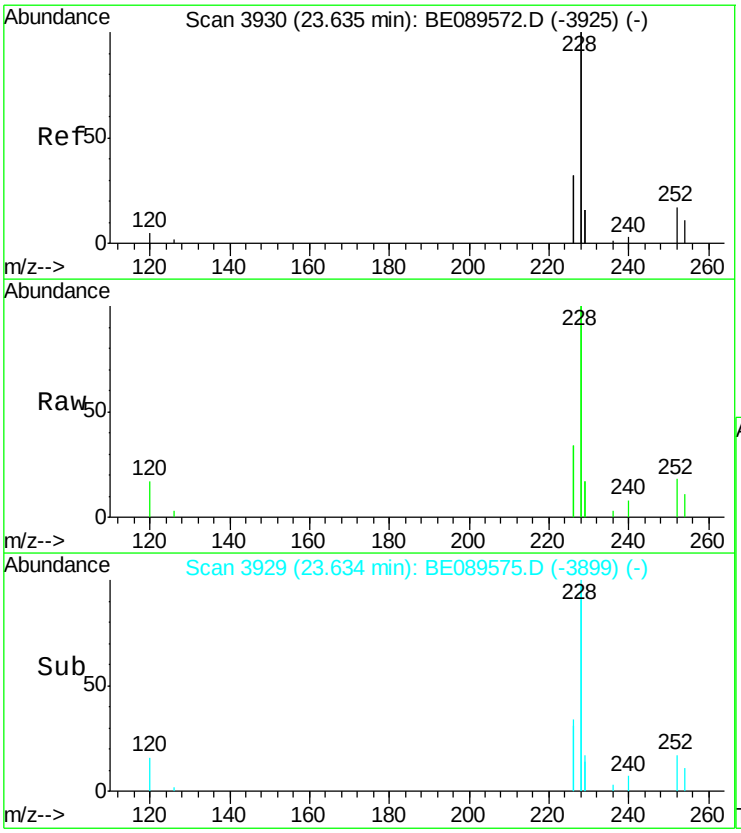
#23
Benzo(a)anthracene
Concen: 0.17 ng
RT: 23.64 min Scan# 3930
Delta R.T. -0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 47481

Ion	Ratio	Lower	Upper
228	100		
226	27.6	19.9	29.9
229	18.9	16.6	24.8

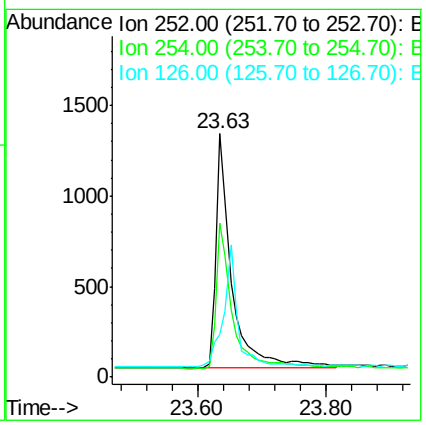


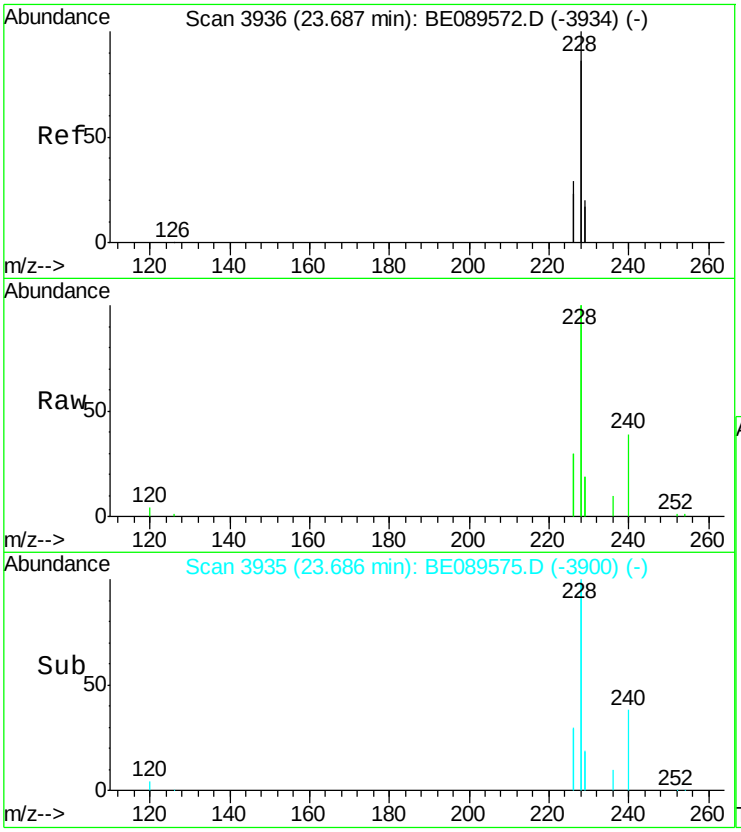


#24
3,3'-Dichlorobenzidine
Concen: 0.11 ng
RT: 23.63 min Scan# 3929
Delta R.T. -0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion:252 Resp: 2263

Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.0	76.4
126	17.6	8.3	12.5#



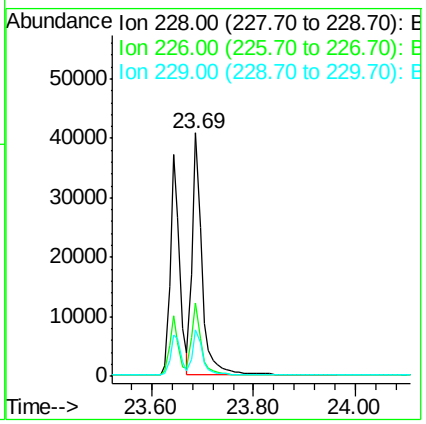


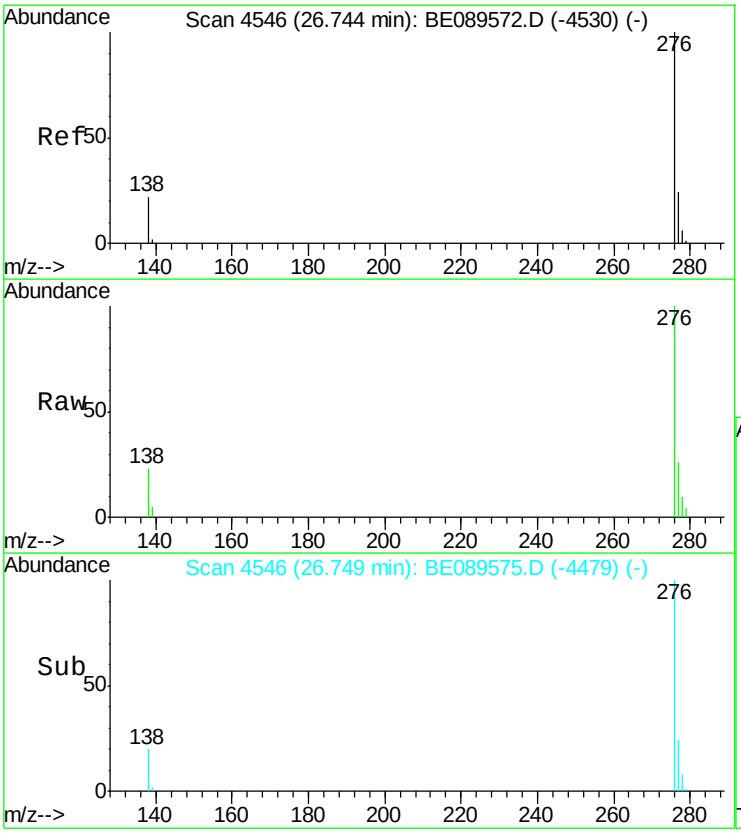
#25
Chrysene
Concen: 0.20 ng
RT: 23.69 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 54641

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.9	34.3
229	19.3	15.8	23.6

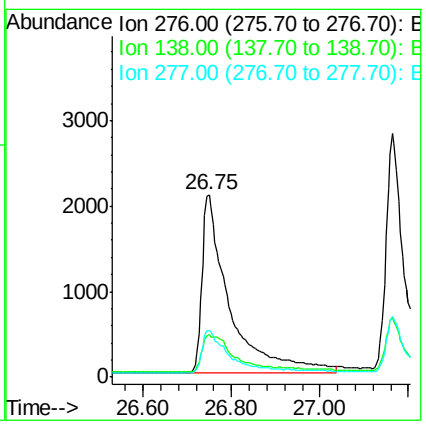


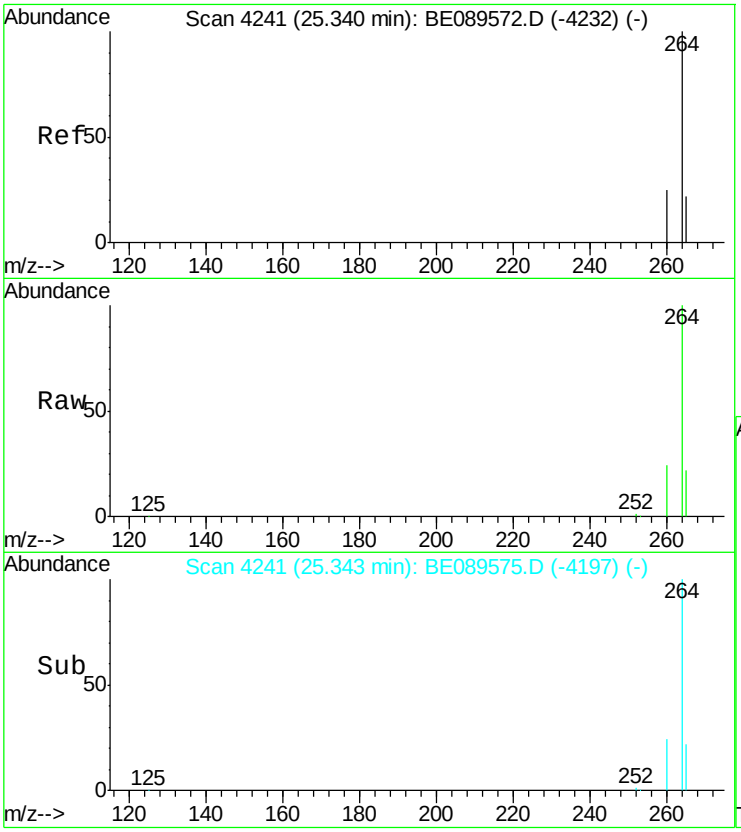


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.13 ng
RT: 26.75 min Scan# 4546
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion:276 Resp: 9039

Ion	Ratio	Lower	Upper
276	100		
138	23.6	22.1	33.1
277	23.3	19.4	29.2



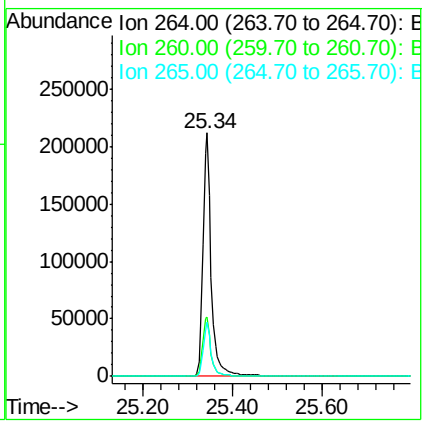


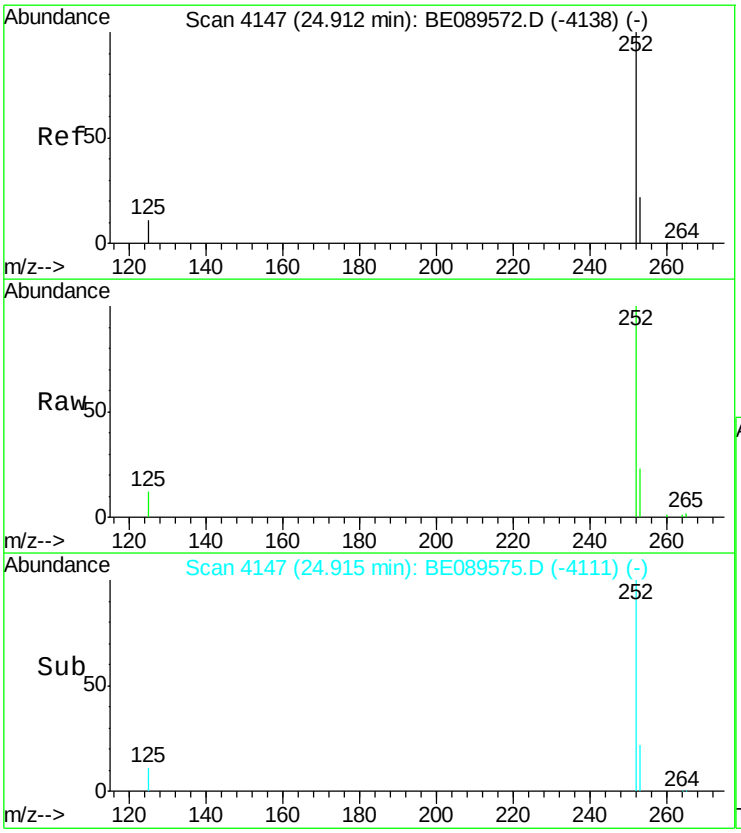
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4241
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 270995

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	22.3	17.5	26.3

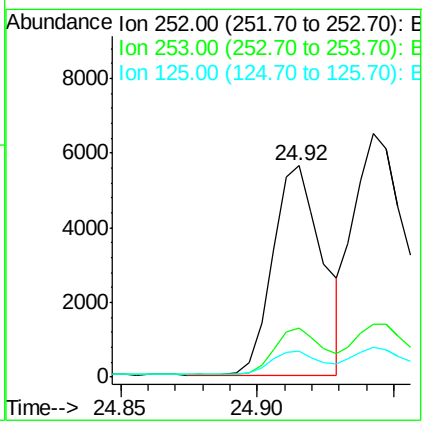


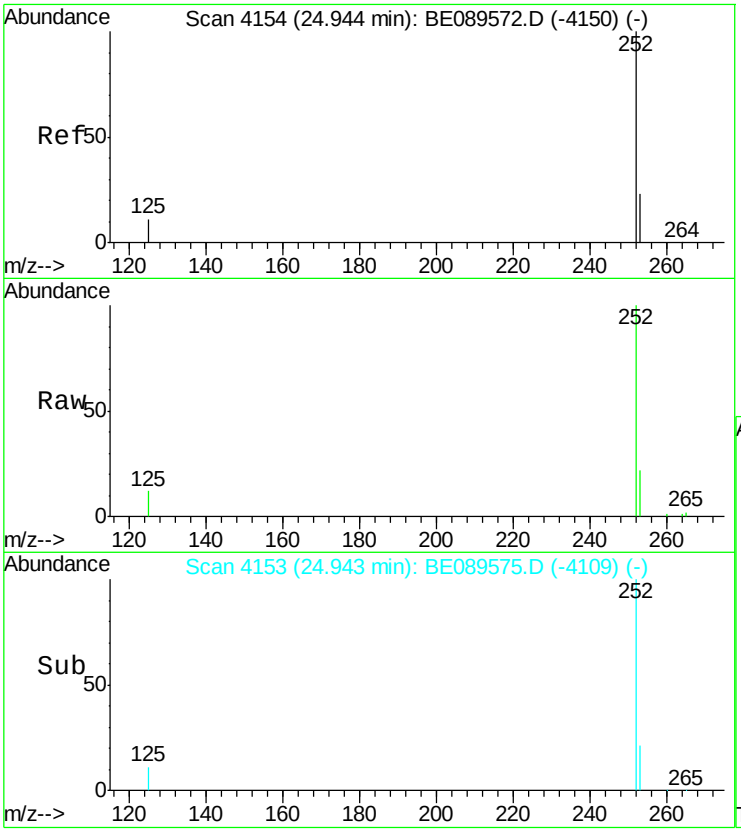


#28
Benzo(b)fluoranthene
Concen: 0.12 ng
RT: 24.92 min Scan# 4147
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion:252 Resp: 7102

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	12.4	9.0	13.4



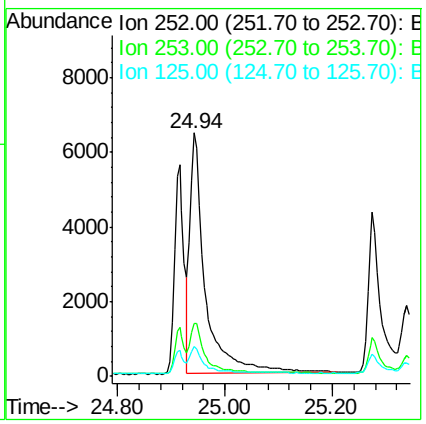


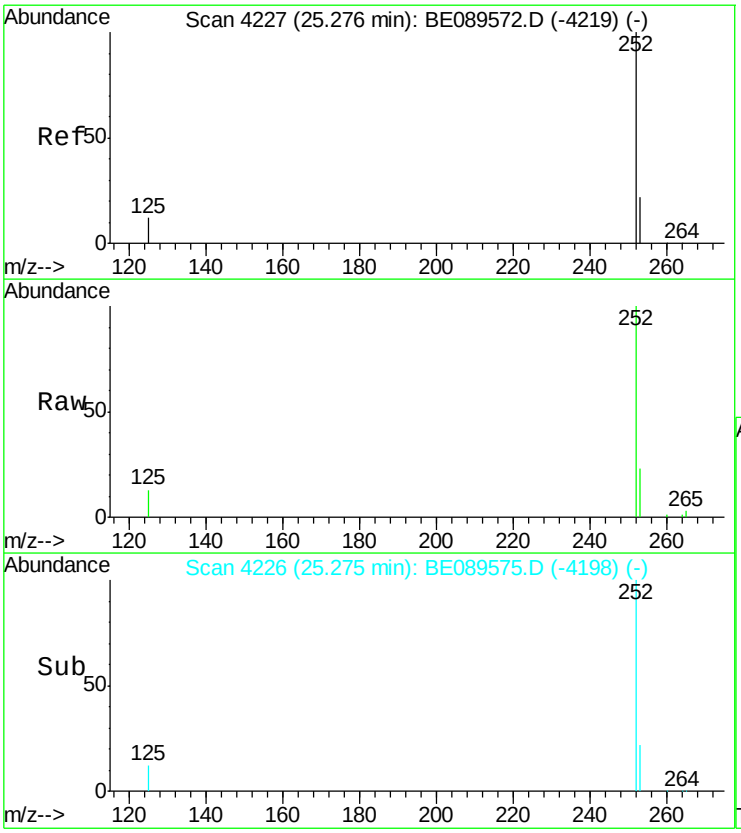
#29
Benzo(k)fluoranthene
Concen: 0.16 ng
RT: 24.94 min Scan# 4153
Delta R.T. -0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 12516

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	12.2	8.9	13.3

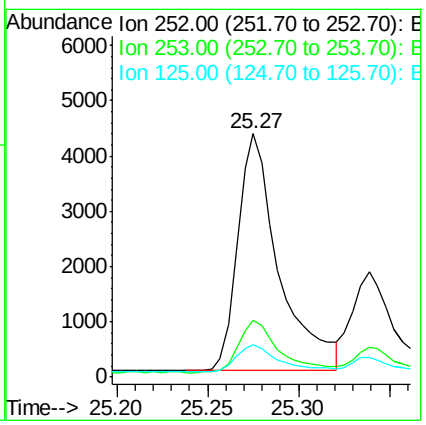


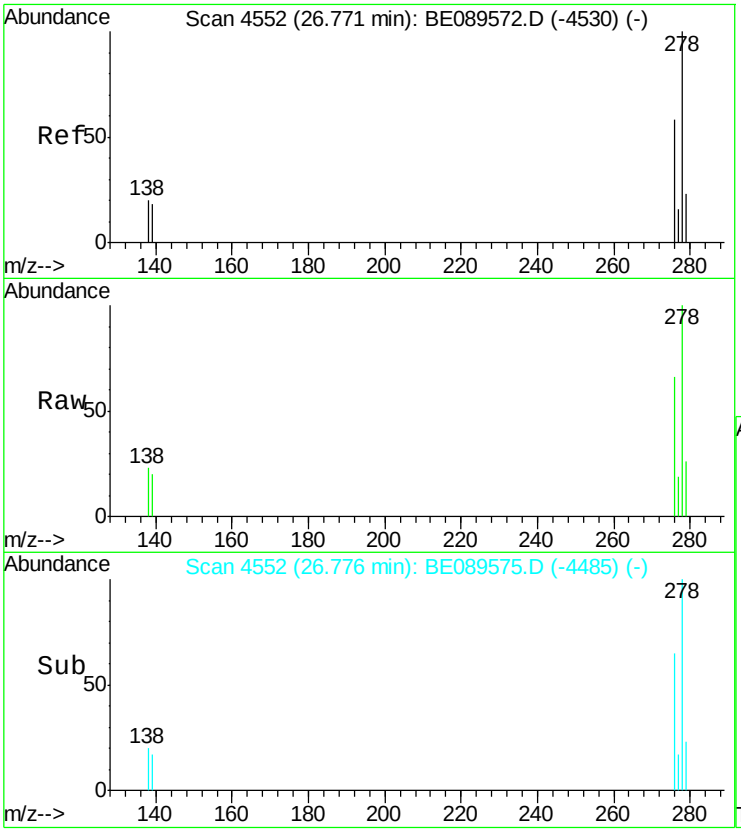


#30
Benzo(a)pyrene
Concen: 0.12 ng
RT: 25.27 min Scan# 4226
Delta R.T. -0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Tgt Ion:252 Resp: 6799

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	13.4	9.5	14.3





#31
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.78 min Scan# 4552
Delta R.T. 0.00 min
Lab File: BE089575.D
Acq: 16 Feb 2015 18:29

Instrument :
BNA_E
LabSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 6431

Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.7	22.1
279	25.7	19.0	28.4