Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020415\
Data File : BE089494.D
Acq On : 4 Feb 2015 13:18
Operator : TP/IZ
Sample : PB81495BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81495BS

Quant Time: Feb 04 17:33:23 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 00:53:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.53	152	81668	5.00	ng		0.00
7) Naphthalene-d8	12.43	136	328936	5.00	ng		0.00
13) Acenaphthene-d10	16.62	164	156487	5.00	ng		0.00
17) Phenanthrene-d10	19.94	188	266188	5.00	ng		0.00
20) Chrysene-d12	23.79	240	248691	5.00	ng		0.00
27) Perylene-d12	25.49	264	238825	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.75	112	185557	7.03	ng		0.03
4) Phenol-d6	8.88	99	242203	7.31	ng		0.04
8) Nitrobenzene-d5	10.80	82	147232	5.92	ng		0.01
14) 2,4,6-Tribromophenol	18.53	330	43525	6.48	ng		0.02
15) 2-Fluorobiphenyl	15.07	172	221299	5.37	ng		0.00
22) Terphenyl-d14	22.43	244	238205	6.76	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.54	42	79955	4.85	ng	#	83
5) Phenol	8.91	94	159024m	4.39	ng		
6) bis(2-Chloroethyl)ether	9.01	93	135032	5.15	ng	#	100
9) Nitrobenzene	10.85	77	153863	5.40	ng		99
10) 2,4-Dimethylphenol	11.80	122	90757	4.41	ng		96
11) 2,4-Dichlorophenol	12.18	162	80698	5.31	ng		83
12) Hexachlorobutadiene	12.81	225	49545	4.87	ng		98
16) 2,4-Dinitrophenol	16.86	184	13374	6.43	ng	#	71
18) Hexachlorobenzene	19.18	284	74398	5.40	ng		98
19) Pentachlorophenol	19.62	266	35189	7.77	ng		99
21) Benzidine	22.10	184	323463	26.05	ng		99
23) Benzo(a)anthracene	23.77	228	1272978	5.76	ng		92
24) 3,3'-Dichlorobenzidine	23.77	252	121429	5.86	ng	#	95
25) Chrysene	23.83	228	1256998	5.46	ng		98
26) Indeno(1,2,3-cd)pyrene	26.98	276	369005	5.71	ng		99
28) Benzo(b)fluoranthene	25.05	252	304937	5.63	ng		98
29) Benzo(k)fluoranthene	25.08	252	329308	5.32	ng		98
30) Benzo(a)pyrene	25.43	252	306881	5.80	ng		97
31) Dibenzo(a,h)anthracene	27.01	278	329020	5.86	ng		97

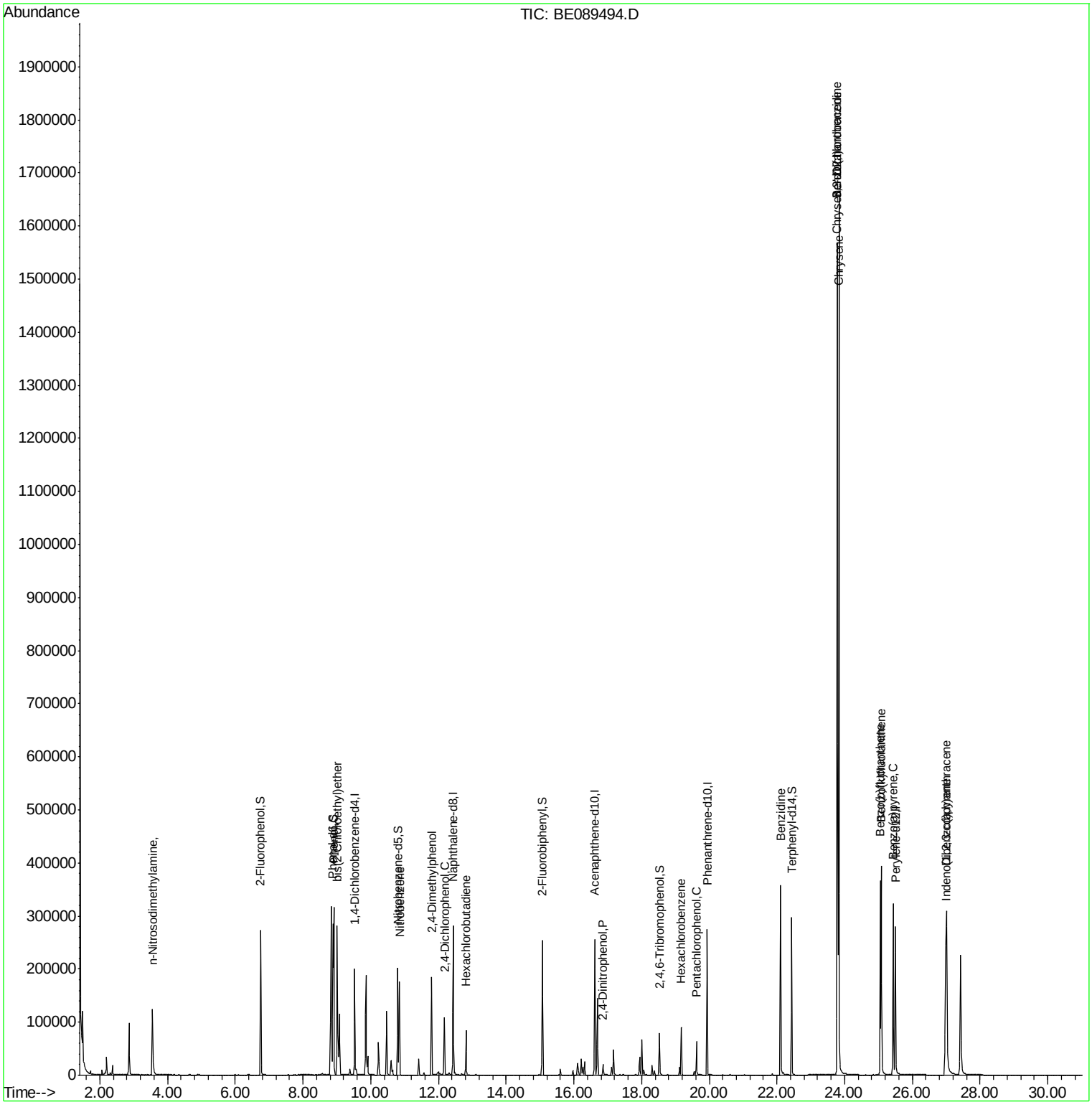
(#) = qualifier out of range (m) = manual integration (+) = signals summed

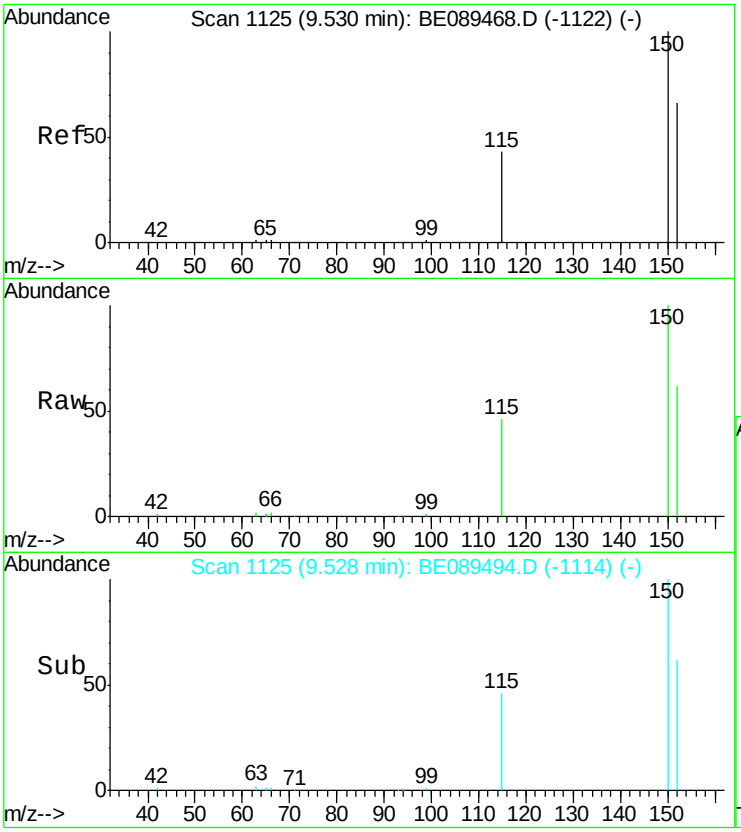
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020415\
Data File : BE089494.D
Acq On : 4 Feb 2015 13:18
Operator : TP/IZ
Sample : PB81495BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Quant Time: Feb 04 17:33:23 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 00:53:32 2015
Response via : Initial Calibration



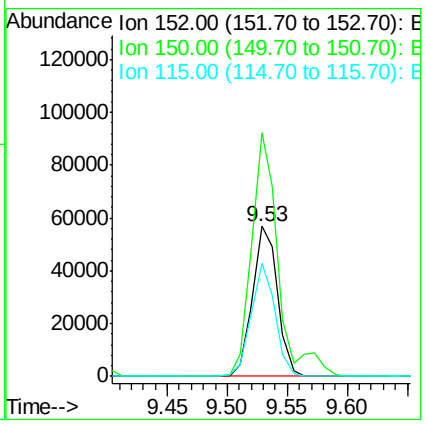


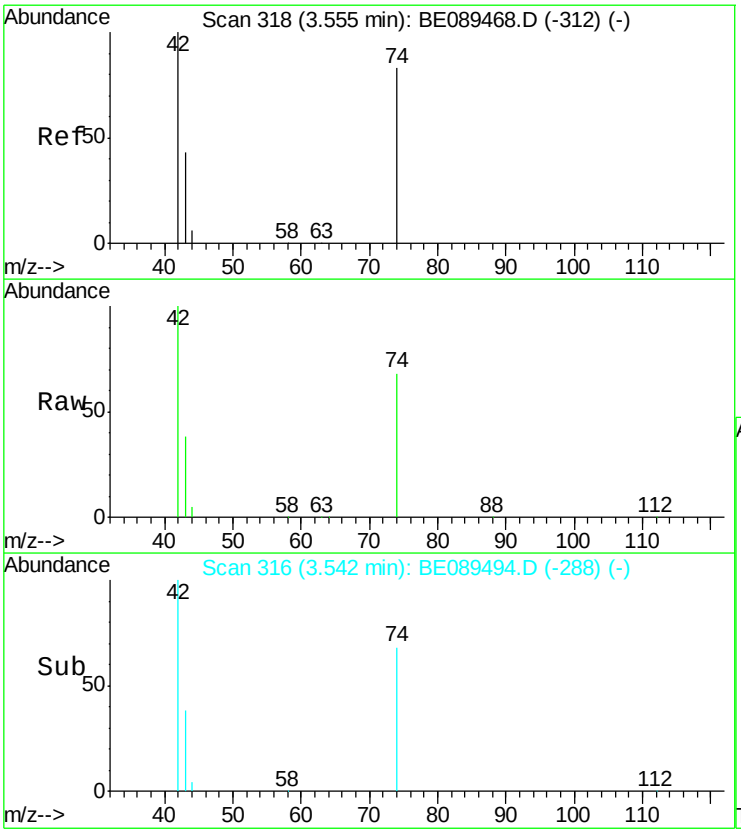
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.53 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:152 Resp: 81668

Ion	Ratio	Lower	Upper
152	100		
150	162.3	122.1	183.1
115	75.2	53.2	79.8

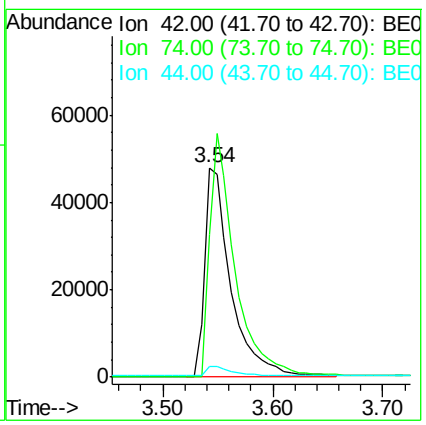


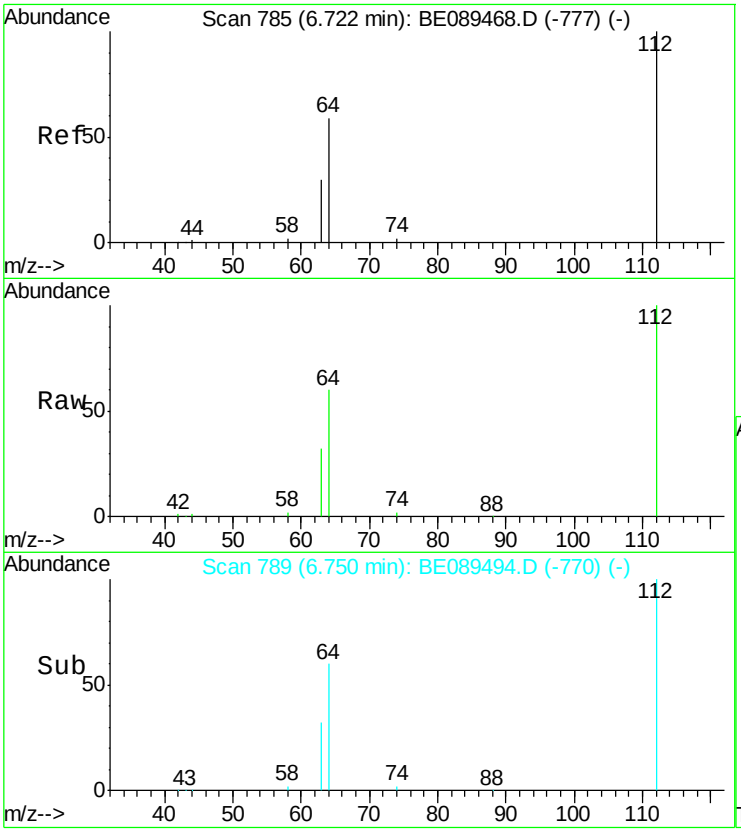


#2
n-Nitrosodimethylamine
Concen: 4.85 ng
RT: 3.54 min Scan# 316
Delta R.T. -0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion: 42 Resp: 79955

Ion	Ratio	Lower	Upper
42	100		
74	67.9	65.4	98.2
44	4.8	11.7	17.5#



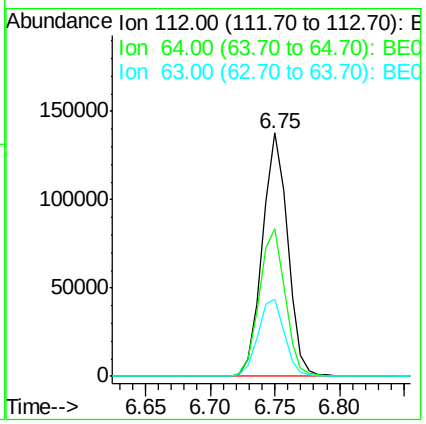


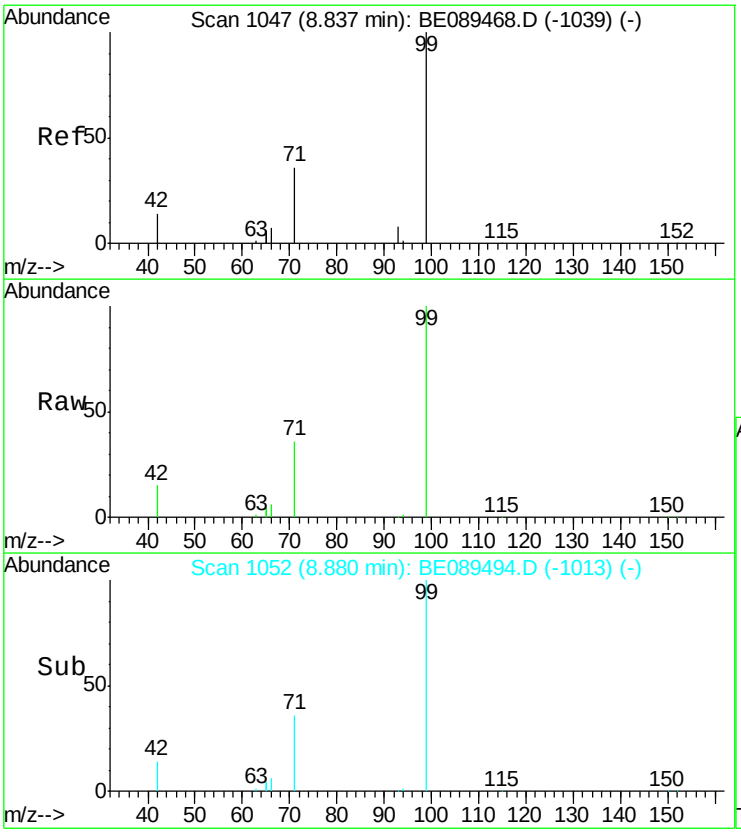
#3
2-Fluorophenol
Concen: 7.03 ng
RT: 6.75 min Scan# 789
Delta R.T. 0.03 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:112 Resp: 185557

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.0	70.6
63	31.9	24.2	36.2

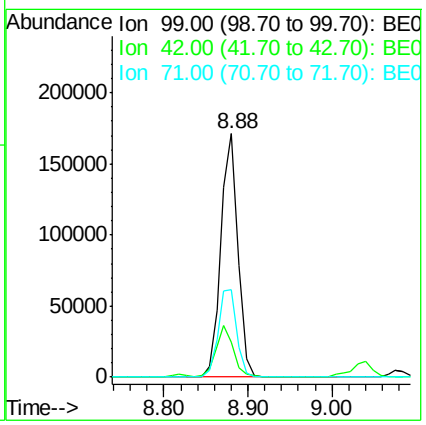


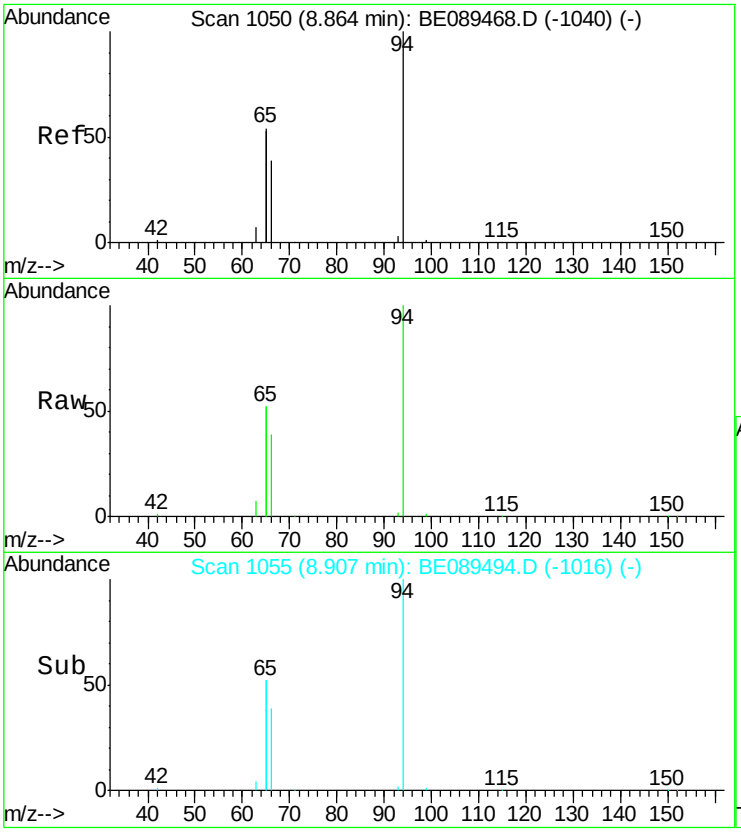


#4
Phenol-d6
Concen: 7.31 ng
RT: 8.88 min Scan# 1052
Delta R.T. 0.04 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion: 99 Resp: 242203

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.8	17.6
71	36.2	28.7	43.1



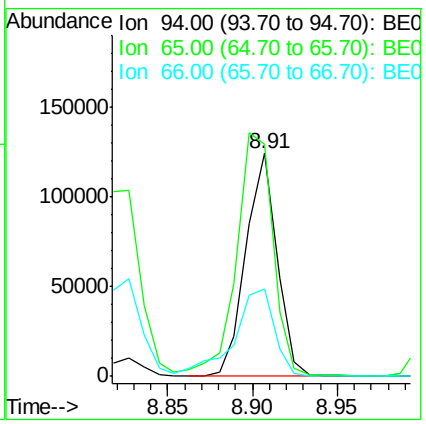


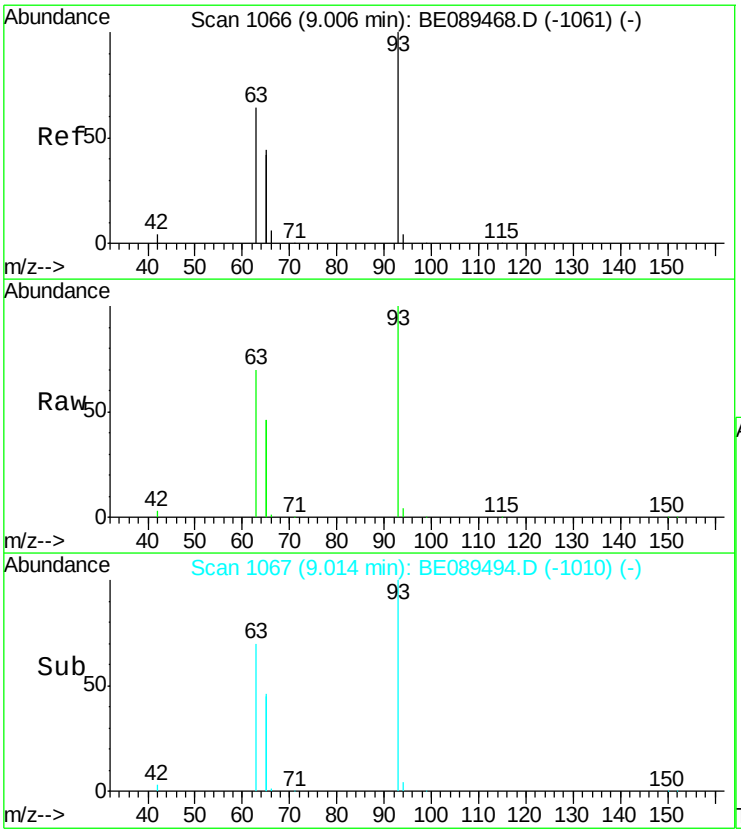
#5
Phenol
Concen: 4.39 ng m
RT: 8.91 min Scan# 1055
Delta R.T. 0.04 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion: 94 Resp: 159024

Ion	Ratio	Lower	Upper
94	100		
65	52.0	33.9	73.9
66	39.3	19.1	59.1

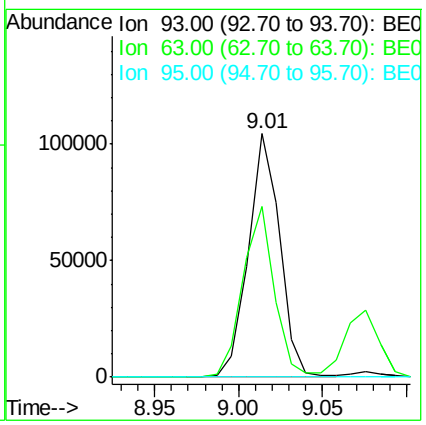


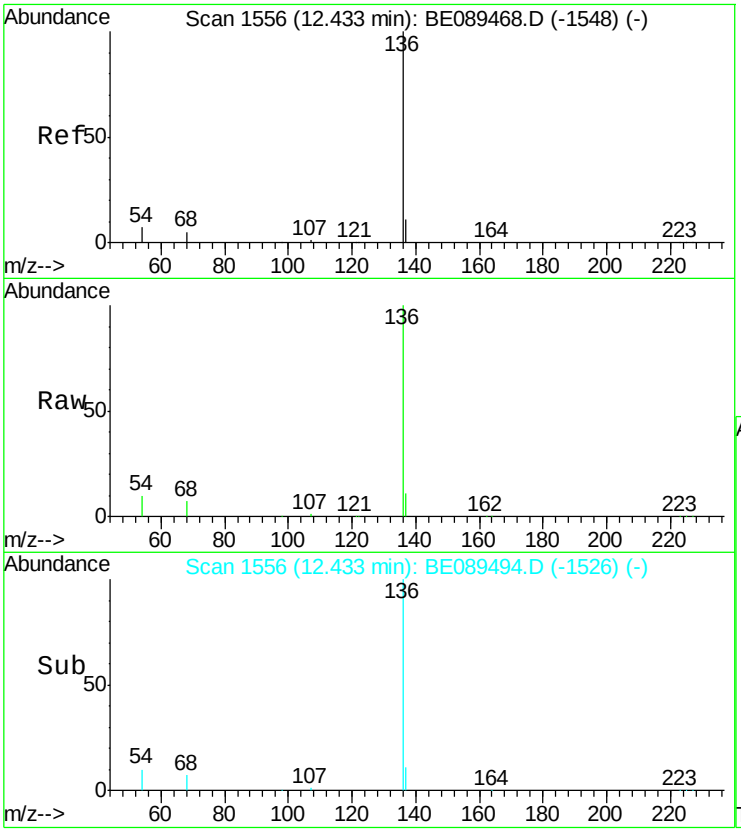


#6
bis(2-Chloroethyl)ether
Concen: 5.15 ng
RT: 9.01 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion: 93 Resp: 135032

Ion	Ratio	Lower	Upper
93	100		
63	71.2	57.0	85.6
95	0.0	0.0	0.0



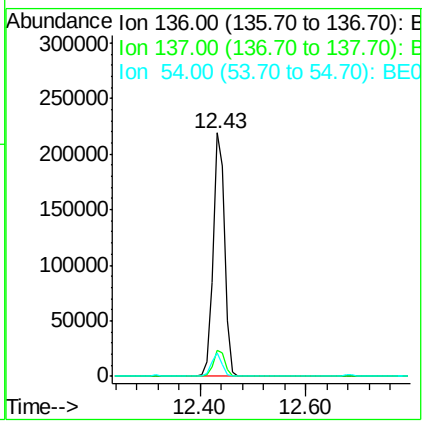


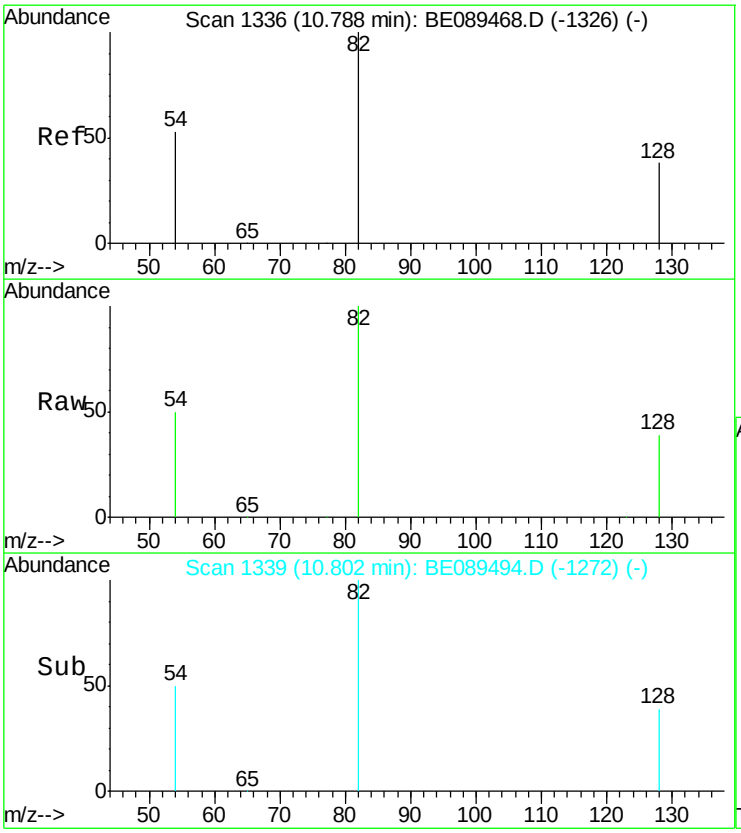
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.43 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:136 Resp: 328936

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.6	5.4	8.0#

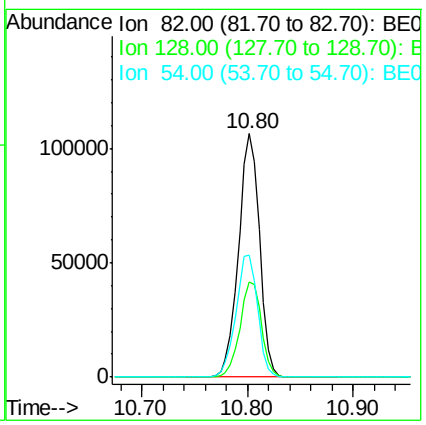


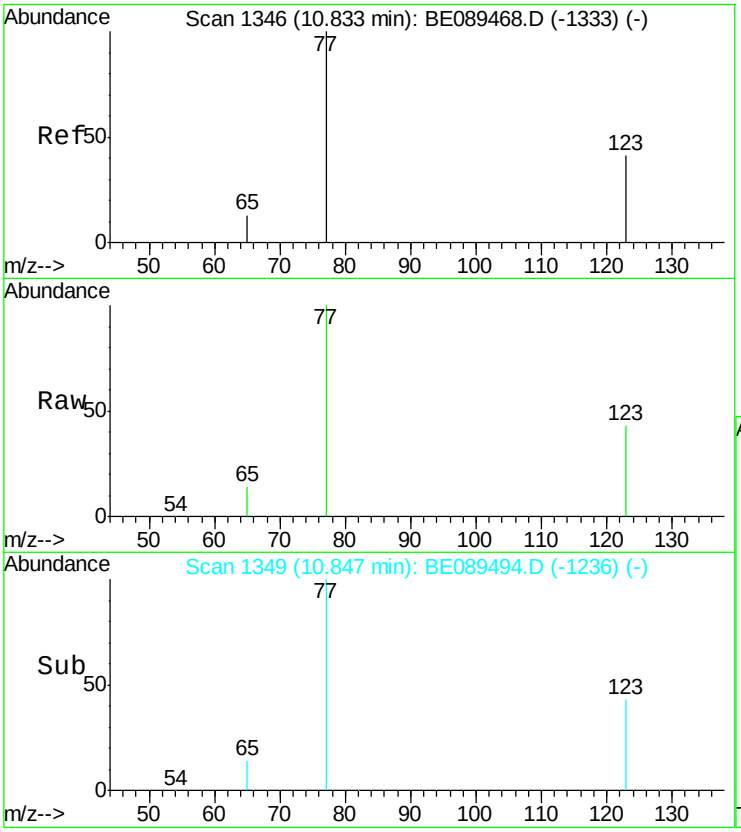


#8
Nitrobenzene-d5
Concen: 5.92 ng
RT: 10.80 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion: 82 Resp: 147232

Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.3	45.5
54	49.9	43.1	64.7



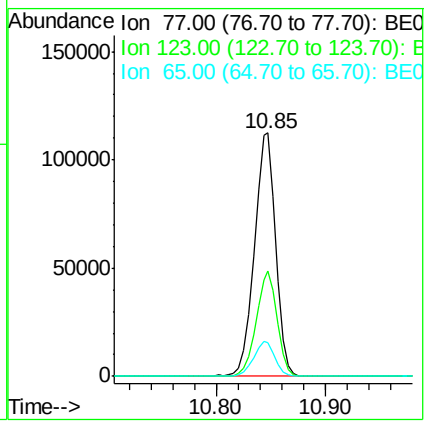


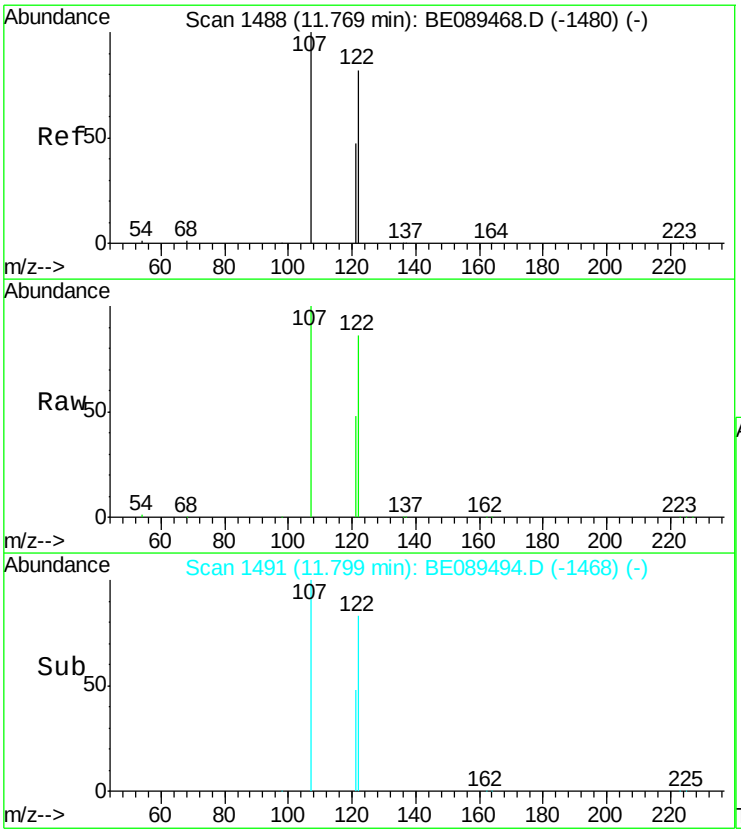
#9
Nitrobenzene
Concen: 5.40 ng
RT: 10.85 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion: 77 Resp: 153863

Ion	Ratio	Lower	Upper
77	100		
123	42.0	33.4	50.0
65	14.3	10.9	16.3

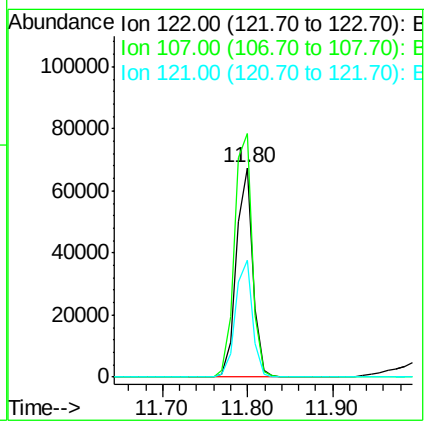


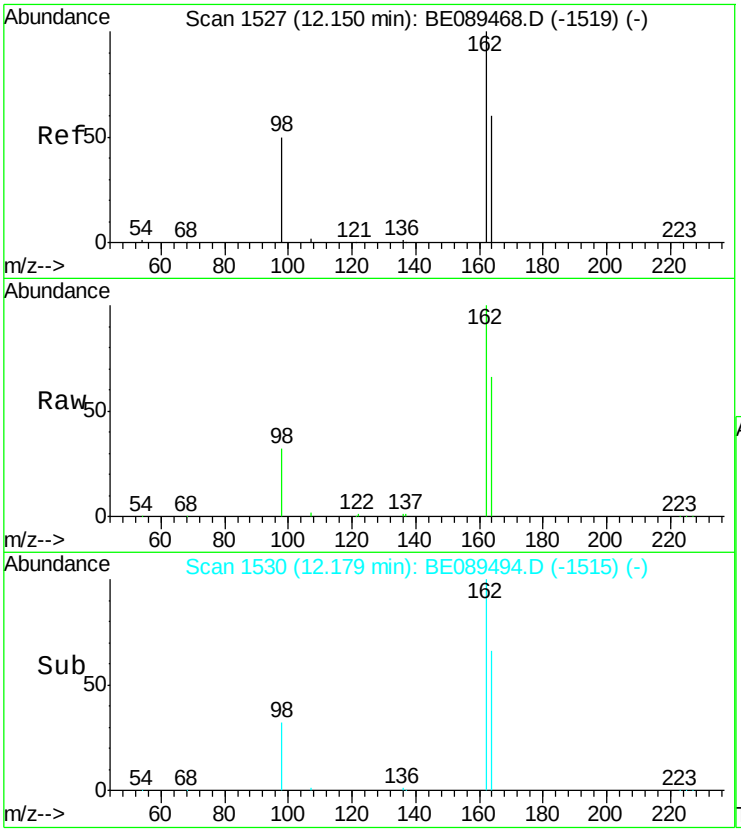


#10
2,4-Dimethylphenol
Concen: 4.41 ng
RT: 11.80 min Scan# 1491
Delta R.T. 0.03 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion:122 Resp: 90757

Ion	Ratio	Lower	Upper
122	100		
107	116.4	97.3	145.9
121	55.9	46.4	69.6



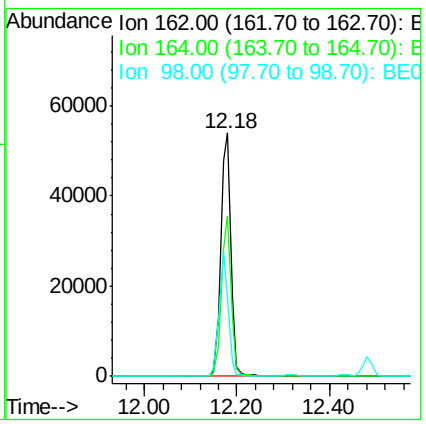


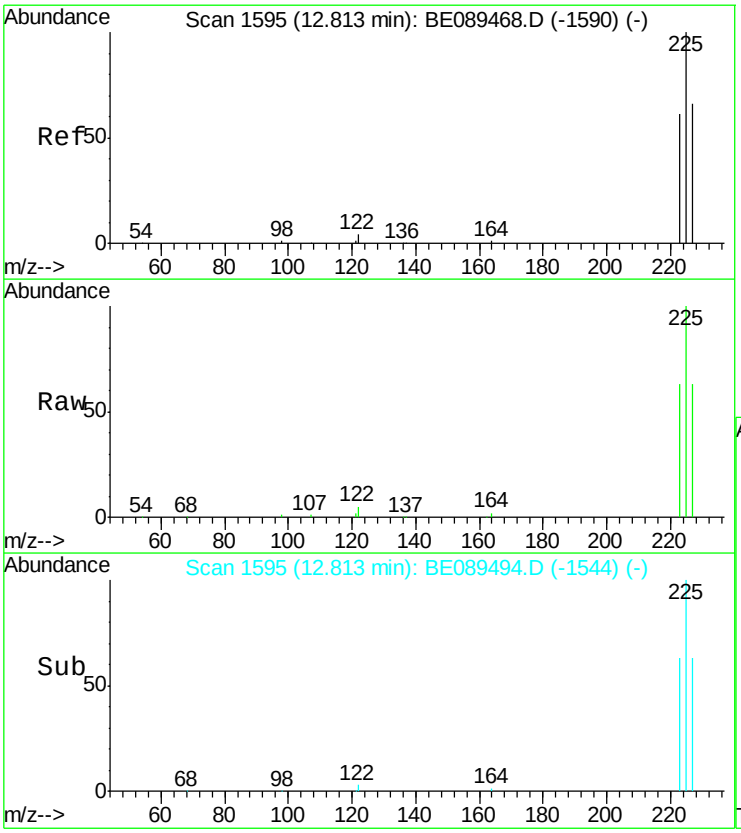
#11
2,4-Dichlorophenol
Concen: 5.31 ng
RT: 12.18 min Scan# 1530
Delta R.T. 0.03 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:162 Resp: 80698

Ion	Ratio	Lower	Upper
162	100		
164	65.7	39.9	79.9
98	32.3	31.3	71.3

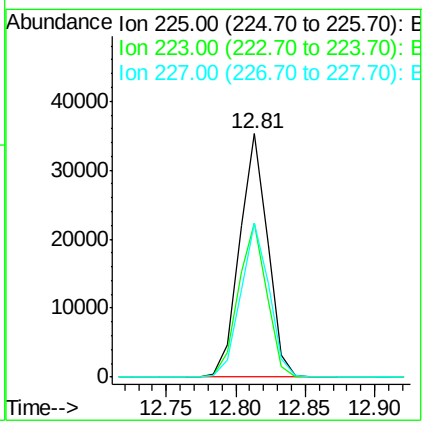


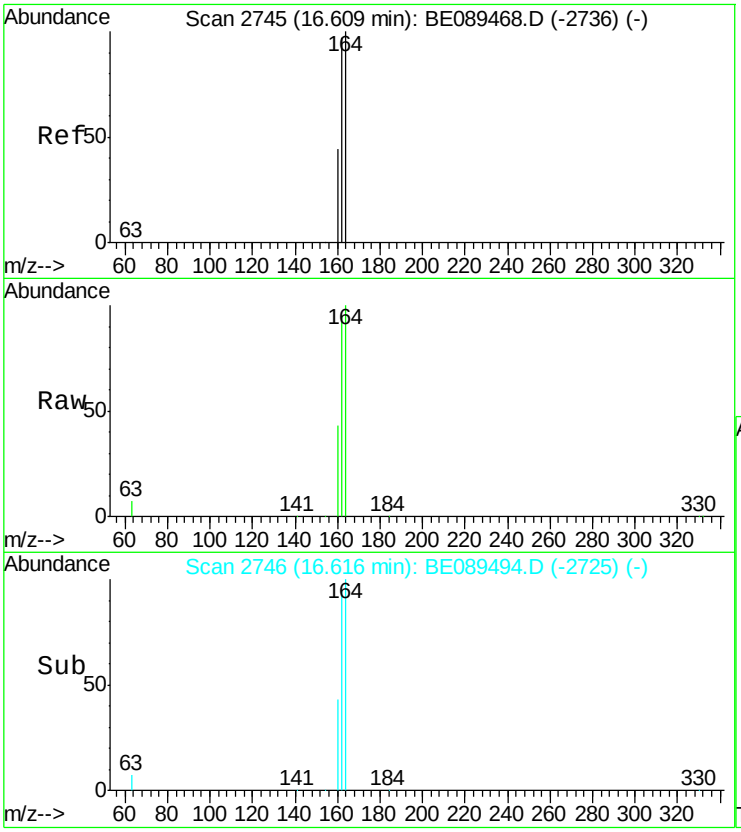


#12
Hexachlorobutadiene
Concen: 4.87 ng
RT: 12.81 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion:225 Resp: 49545

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.4	74.0
227	63.7	51.2	76.8



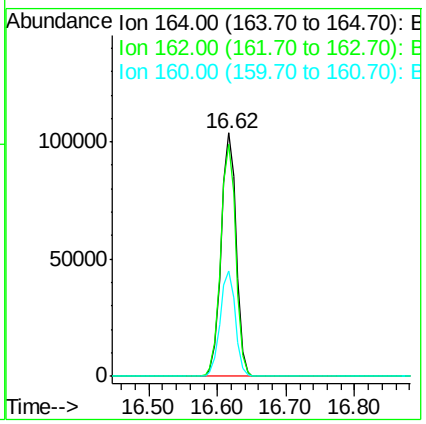


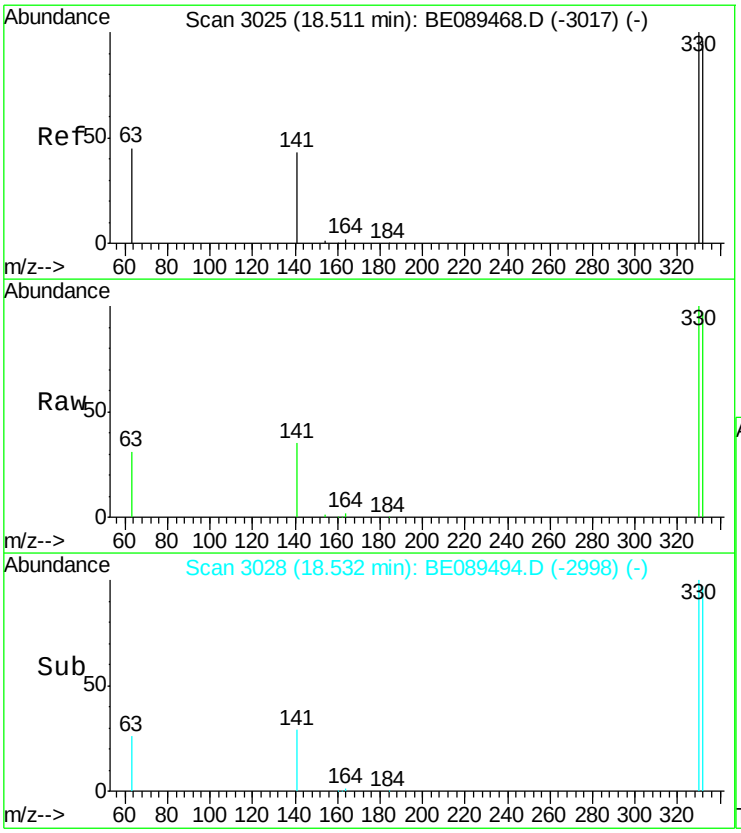
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.62 min Scan# 2746
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:164 Resp: 156487

Ion	Ratio	Lower	Upper
164	100		
162	95.2	77.6	116.4
160	43.5	35.6	53.4

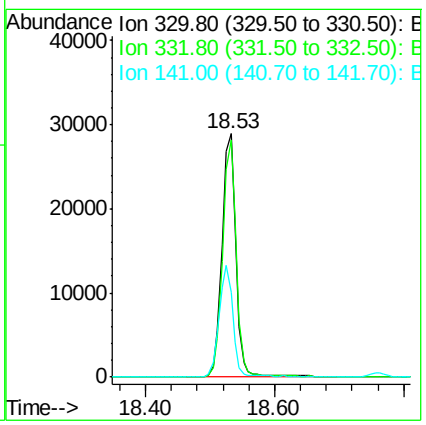


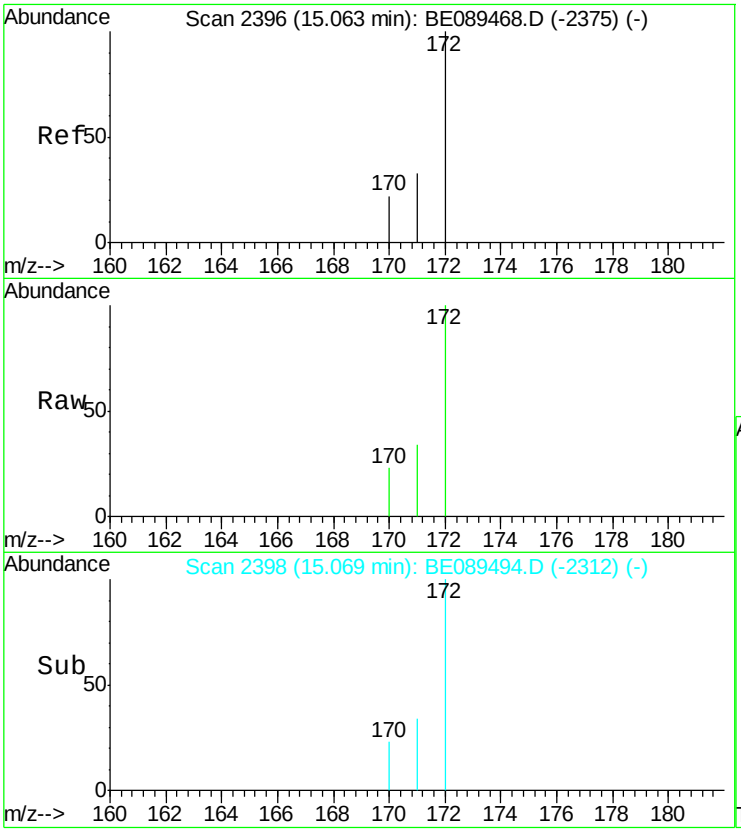


#14
2,4,6-Tribromophenol
Concen: 6.48 ng
RT: 18.53 min Scan# 3028
Delta R.T. 0.02 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion:330 Resp: 43525

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	44.3	33.8	50.6



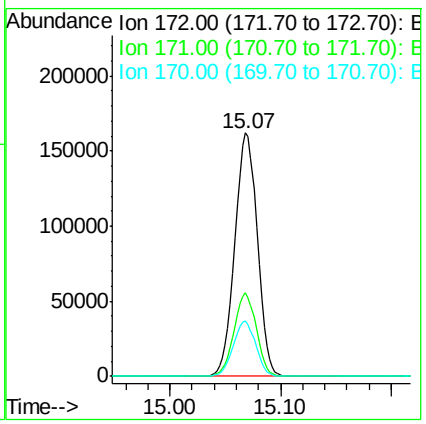


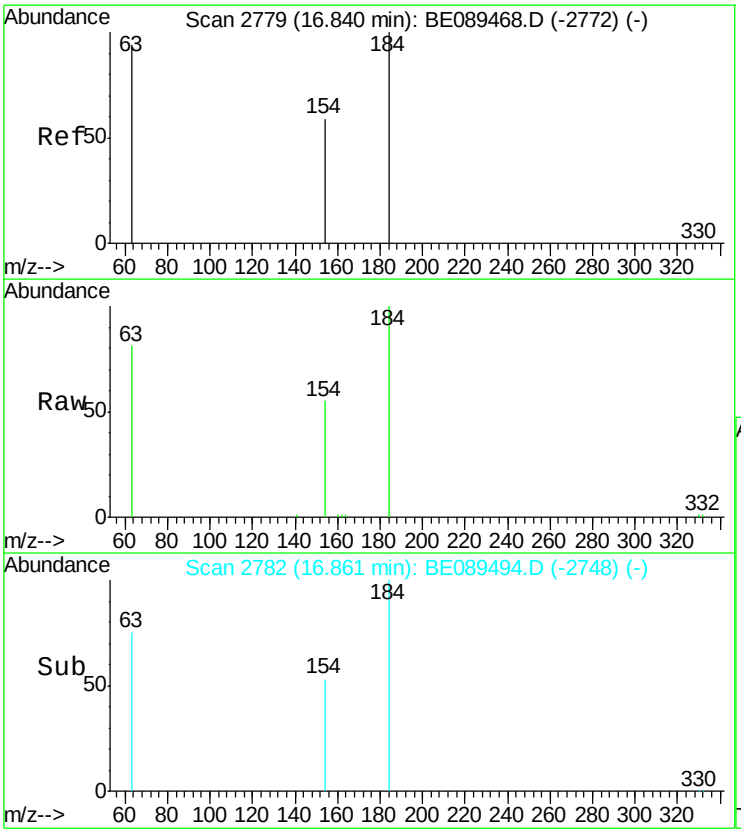
#15
2-Fluorobiphenyl
Concen: 5.37 ng
RT: 15.07 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:172 Resp: 221299

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.8	40.2
170	22.8	17.7	26.5

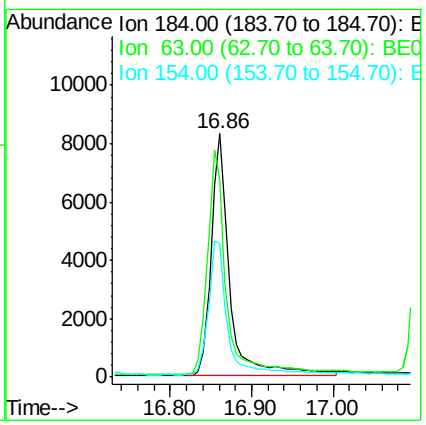


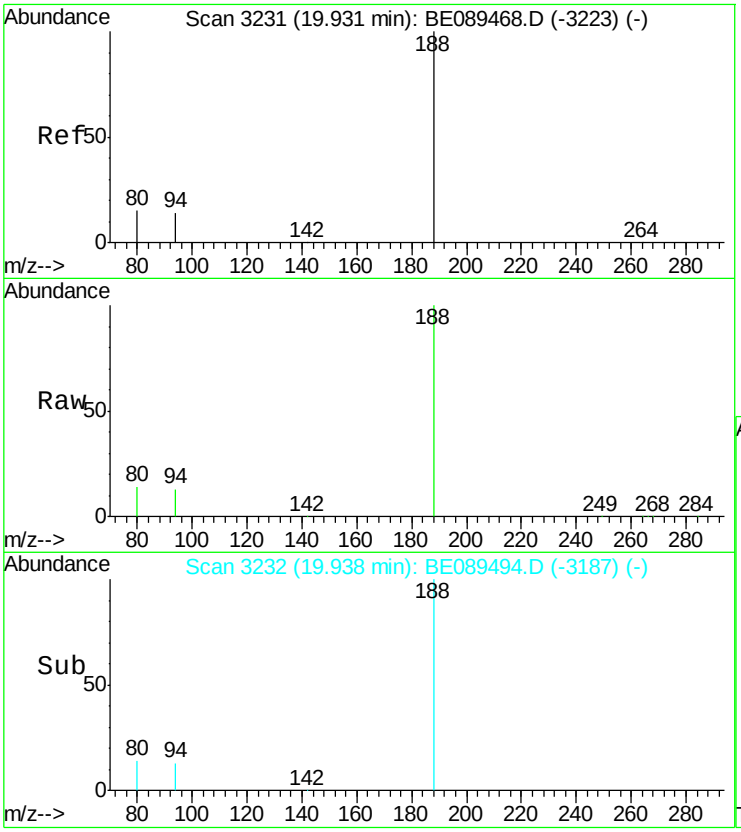


#16
2,4-Dinitrophenol
Concen: 6.43 ng
RT: 16.86 min Scan# 2782
Delta R.T. 0.02 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion:184 Resp: 13374

Ion	Ratio	Lower	Upper
184	100		
63	81.0	92.1	138.1#
154	54.7	61.4	92.2#



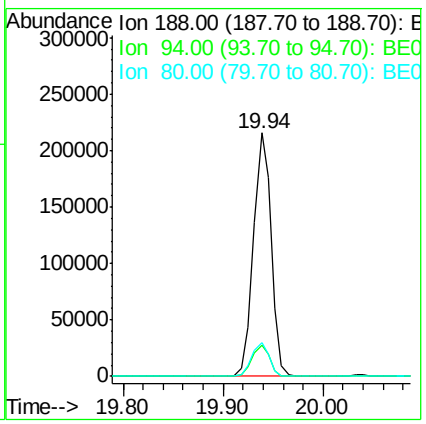


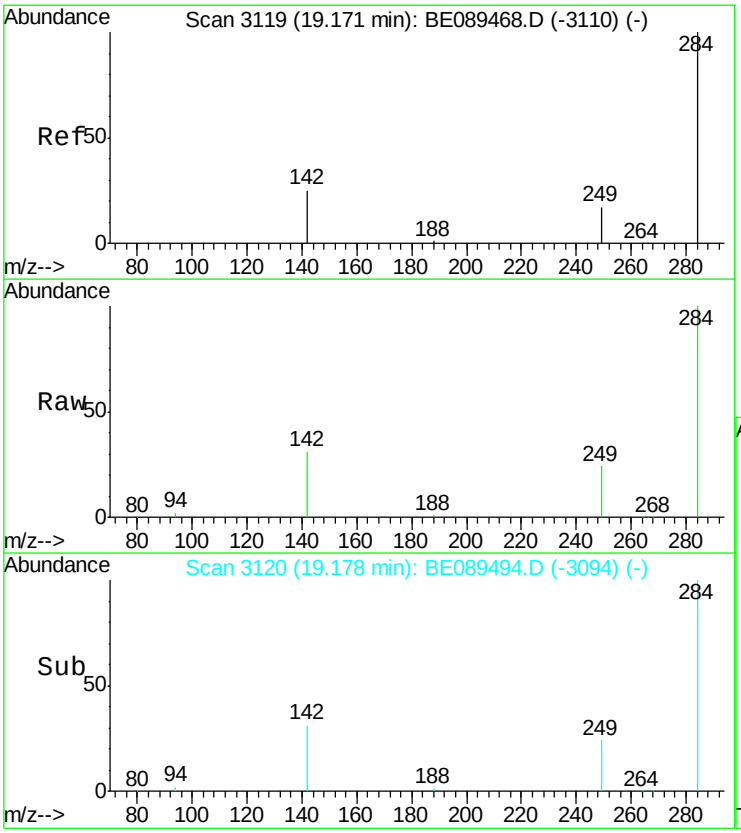
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.94 min Scan# 3232
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:188 Resp: 266188

Ion	Ratio	Lower	Upper
188	100		
94	12.9	11.1	16.7
80	14.1	11.8	17.6

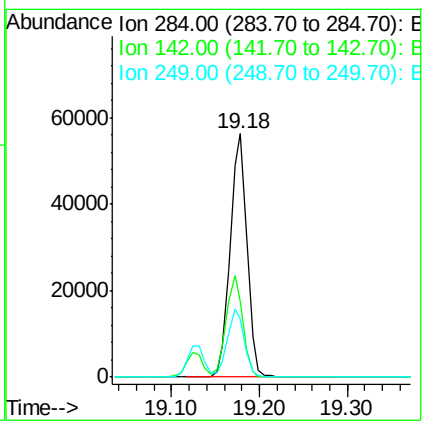


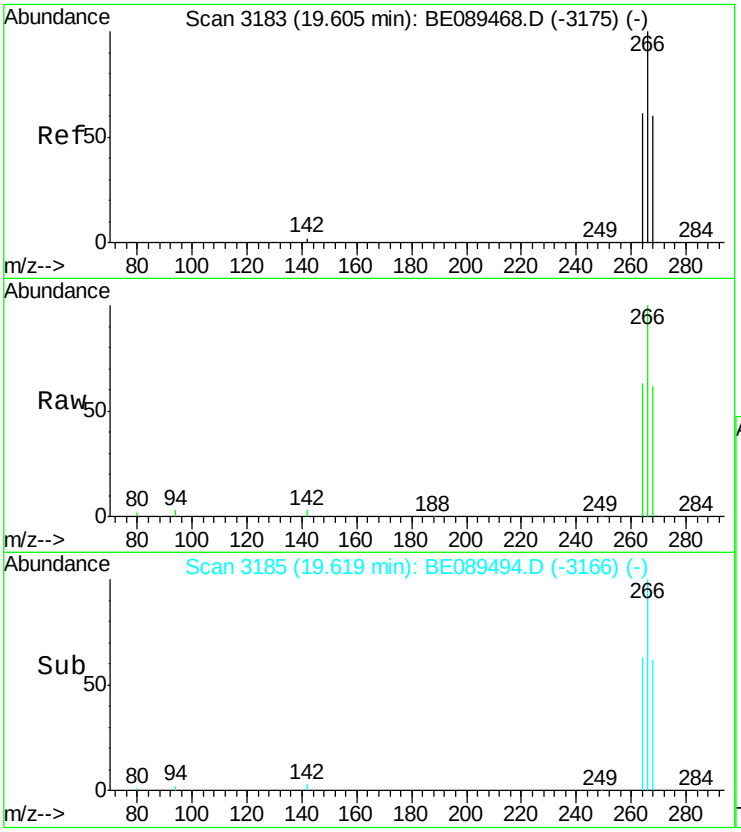


#18
Hexachlorobenzene
Concen: 5.40 ng
RT: 19.18 min Scan# 3120
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion:284 Resp: 74398

Ion	Ratio	Lower	Upper
284	100		
142	31.4	24.4	36.6
249	24.1	18.2	27.2



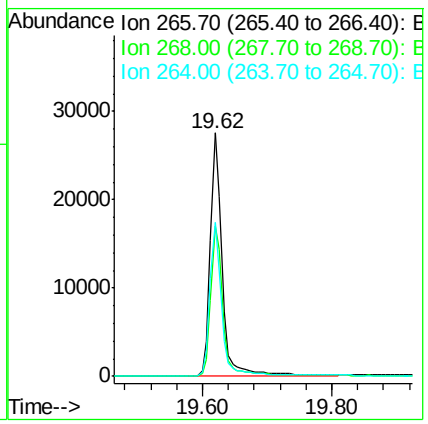


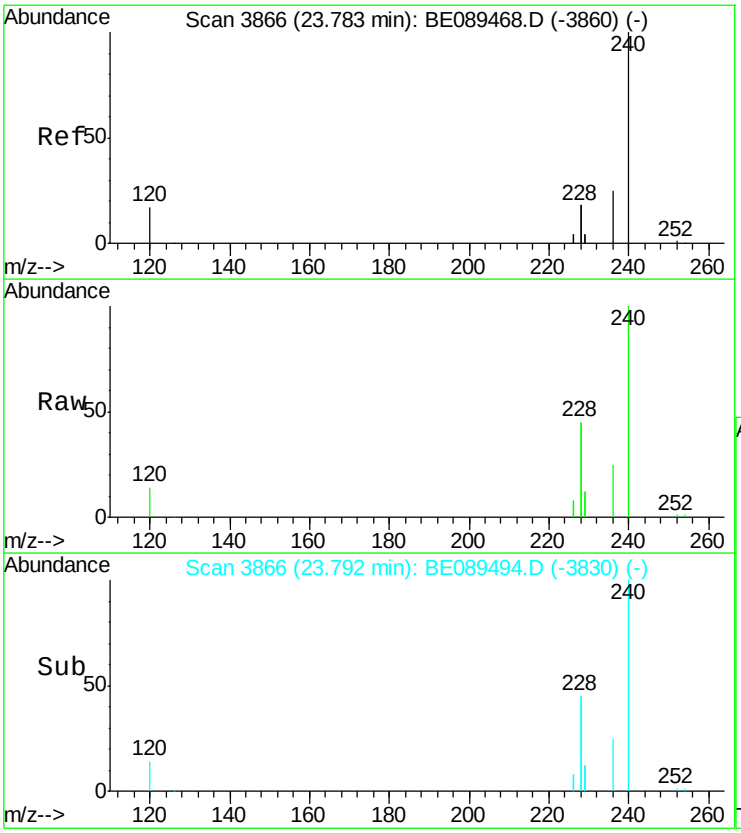
#19
Pentachlorophenol
Concen: 7.77 ng
RT: 19.62 min Scan# 3185
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:266 Resp: 35189

Ion	Ratio	Lower	Upper
266	100		
268	61.6	50.0	75.0
264	63.1	50.6	75.8

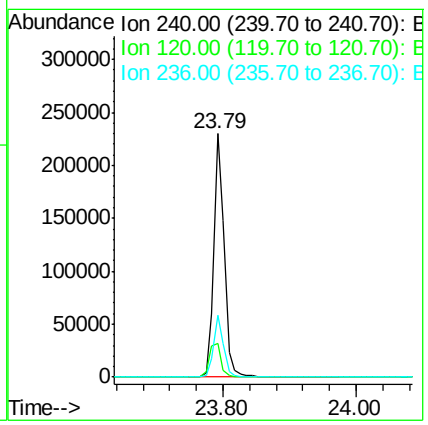


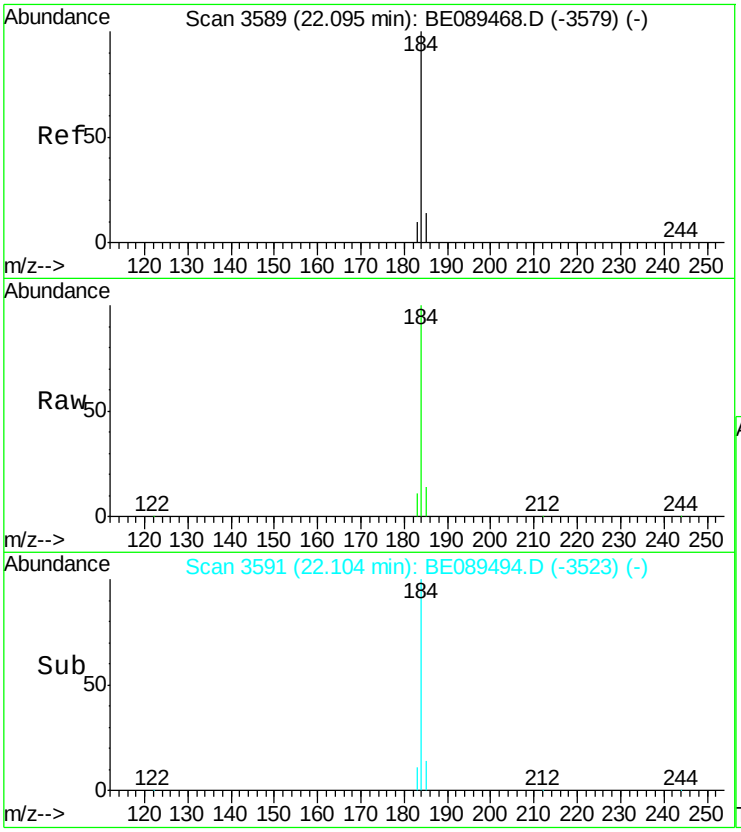


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.79 min Scan# 3866
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion:240 Resp: 248691

Ion	Ratio	Lower	Upper
240	100		
120	13.7	13.8	20.6#
236	25.3	20.2	30.2



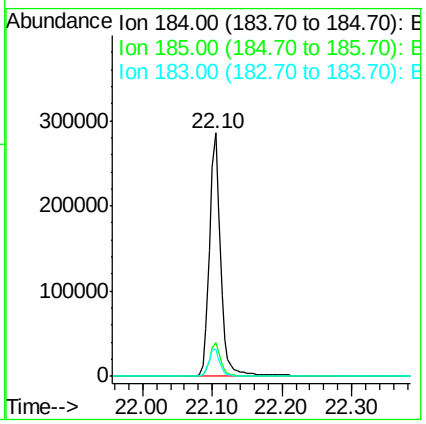


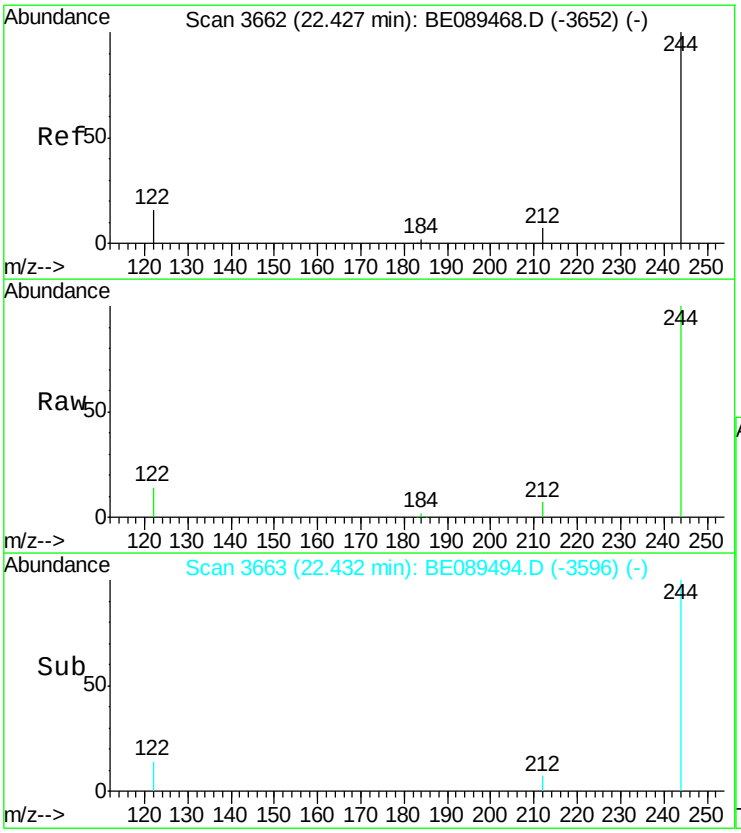
#21
Benzidine
Concen: 26.05 ng
RT: 22.10 min Scan# 3591
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:184 Resp: 323463

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.0	18.0
183	11.3	9.0	13.4

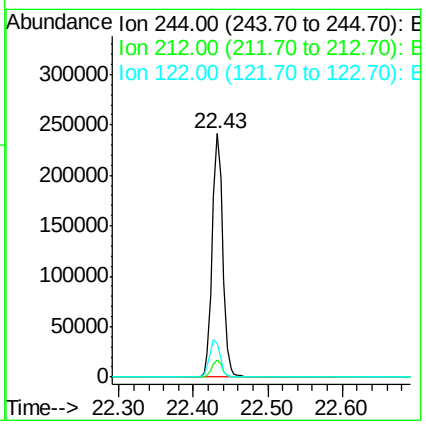


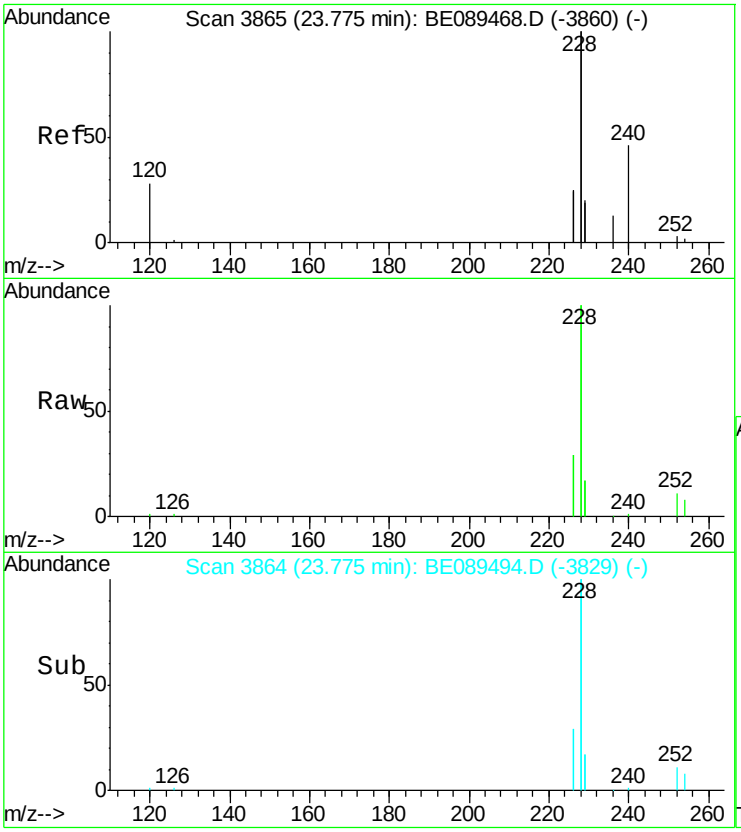


#22
Terphenyl-d14
Concen: 6.76 ng
RT: 22.43 min Scan# 3663
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion:244 Resp: 238205

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	13.9	12.6	19.0



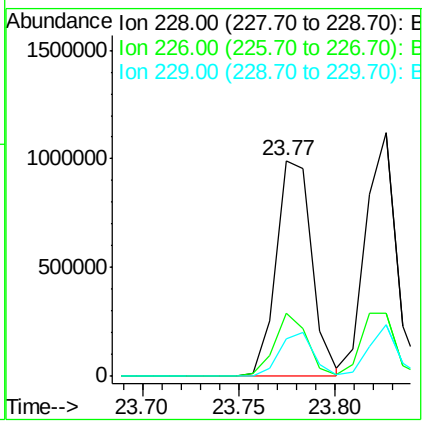


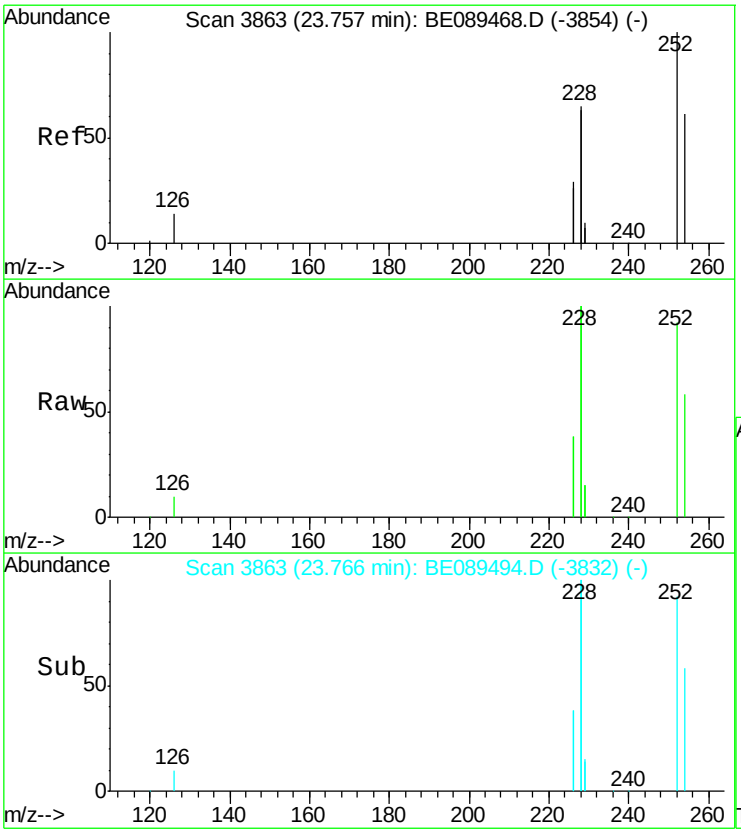
#23
Benzo(a)anthracene
Concen: 5.76 ng
RT: 23.77 min Scan# 3864
Delta R.T. 0.00 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:228 Resp: 1272978

Ion	Ratio	Lower	Upper
228	100		
226	29.4	19.6	29.4
229	17.4	15.9	23.9

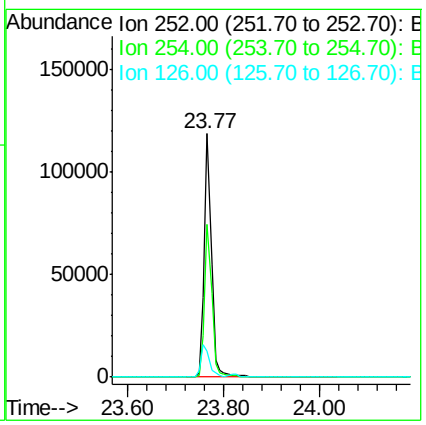


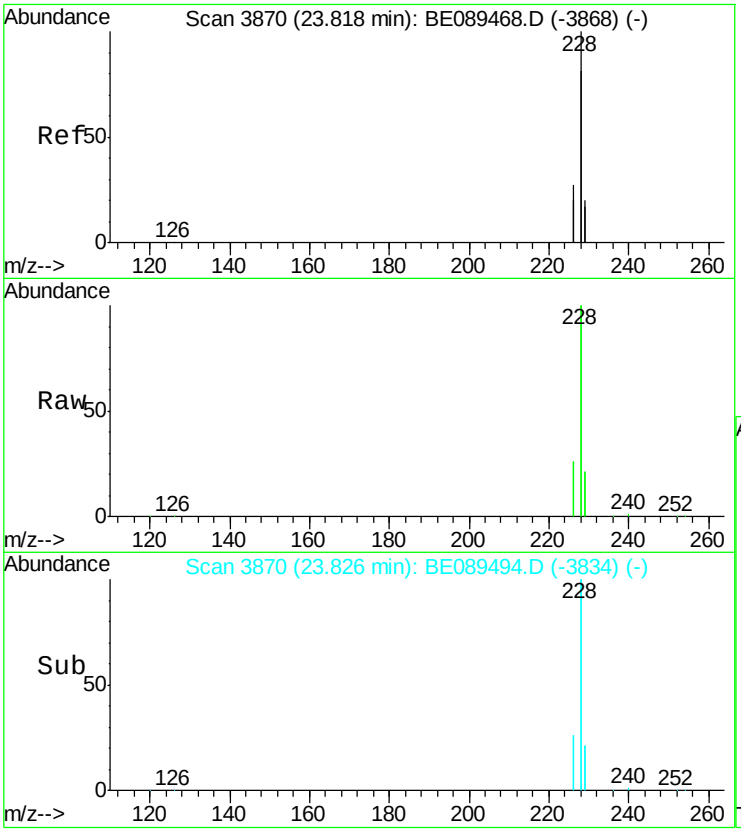


#24
3,3'-Dichlorobenzidine
Concen: 5.86 ng
RT: 23.77 min Scan# 3863
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion:252 Resp: 121429

Ion	Ratio	Lower	Upper
252	100		
254	62.9	48.6	73.0
126	10.6	12.4	18.6#



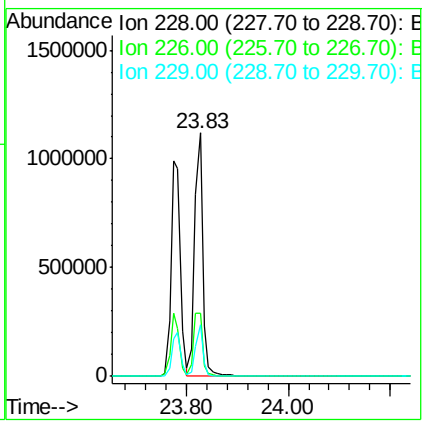


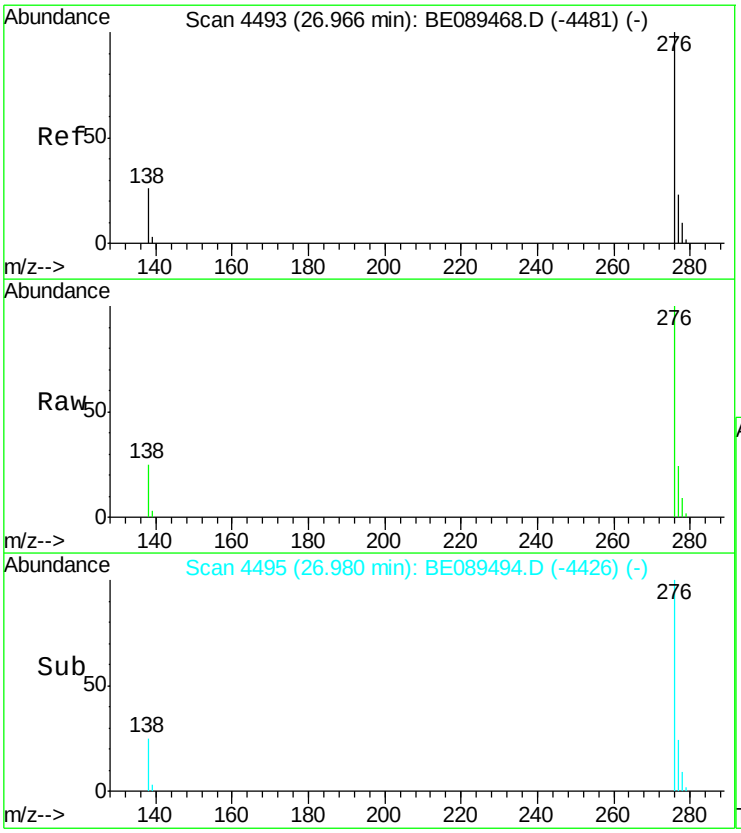
#25
Chrysene
Concen: 5.46 ng
RT: 23.83 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:228 Resp: 1256998

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.8	32.8
229	21.1	16.2	24.2

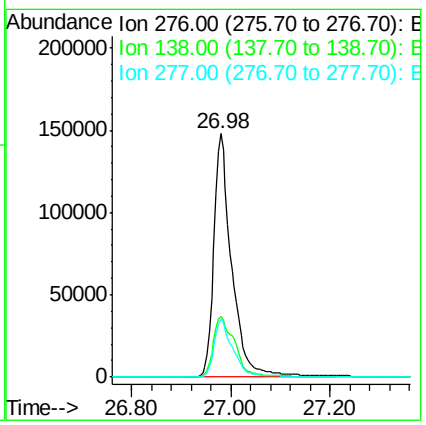


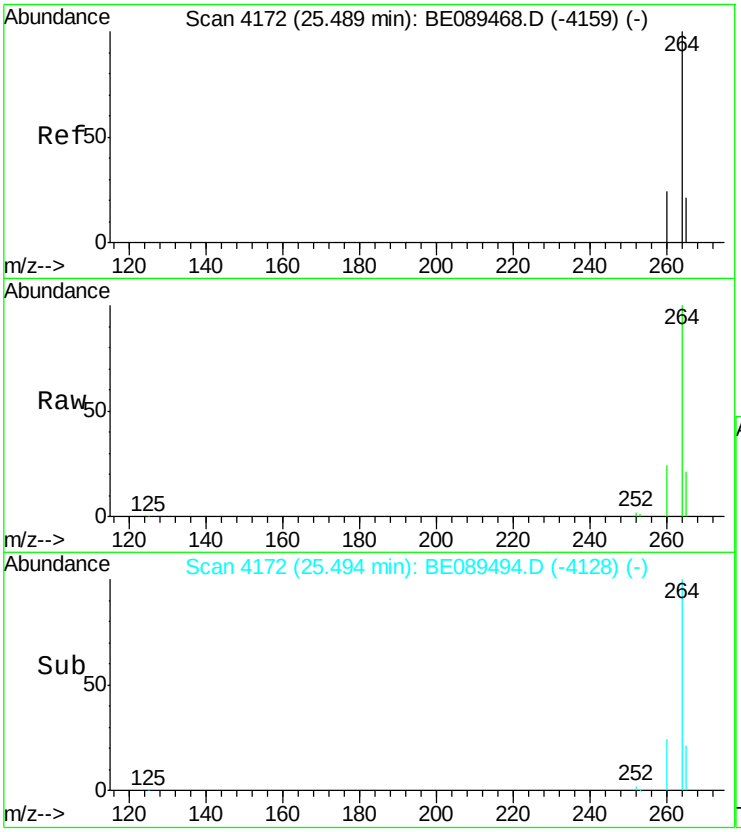


#26
Indeno(1,2,3-cd)pyrene
Concen: 5.71 ng
RT: 26.98 min Scan# 4495
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion:276 Resp: 369005

Ion	Ratio	Lower	Upper
276	100		
138	29.9	24.2	36.4
277	25.0	19.9	29.9



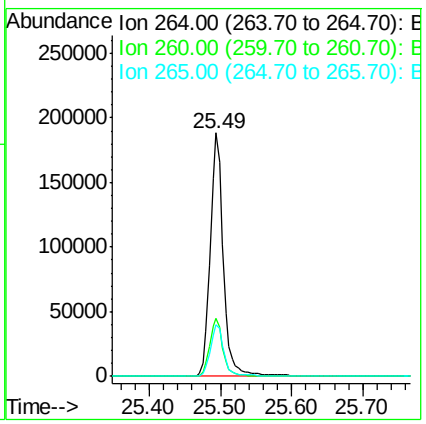


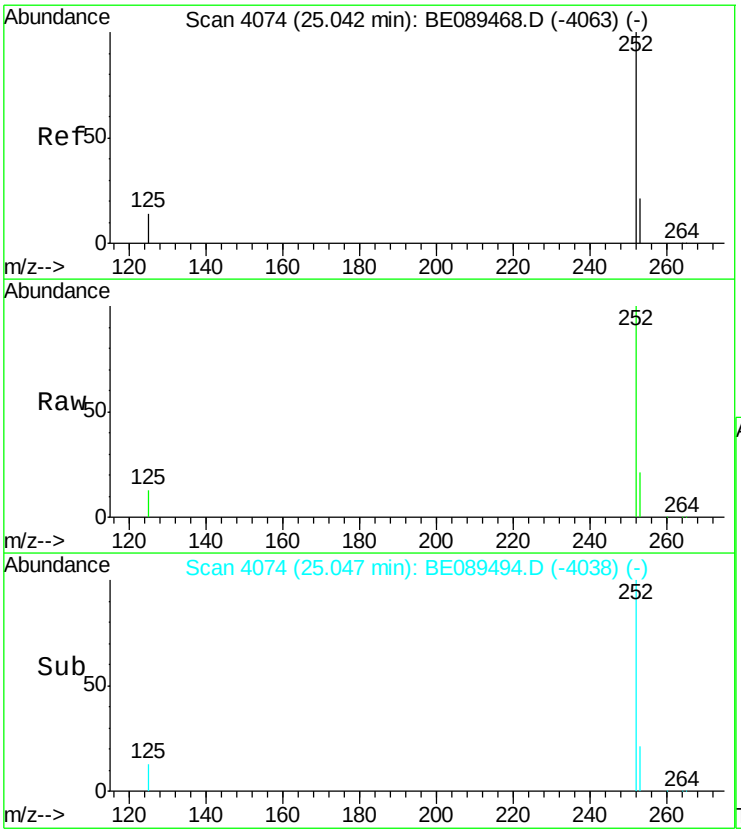
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.49 min Scan# 4172
Delta R.T. 0.00 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:264 Resp: 238825

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.3	17.0	25.6

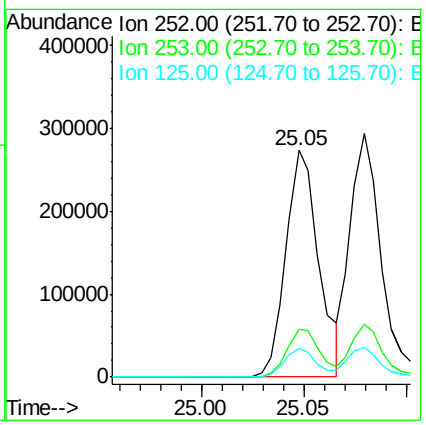


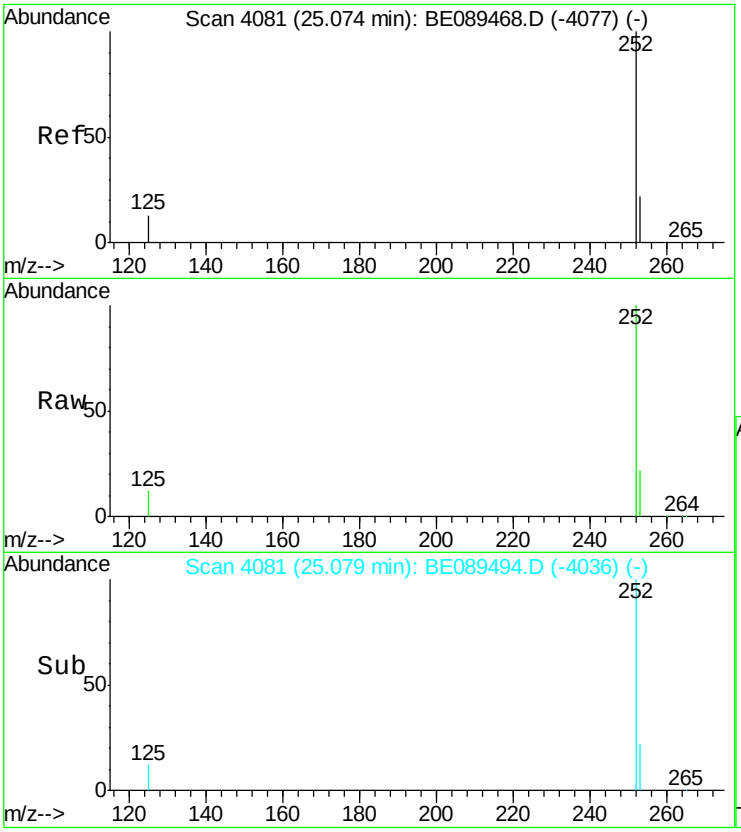


#28
Benzo(b)fluoranthene
Concen: 5.63 ng
RT: 25.05 min Scan# 4074
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion:252 Resp: 304937

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	12.7	11.3	16.9



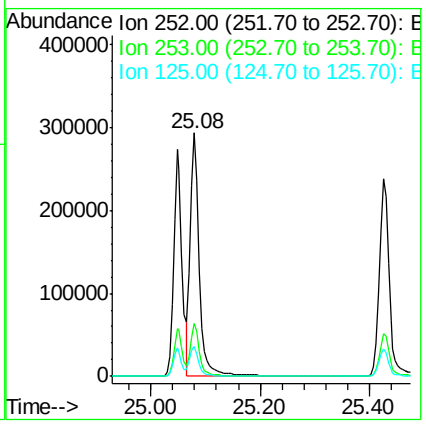


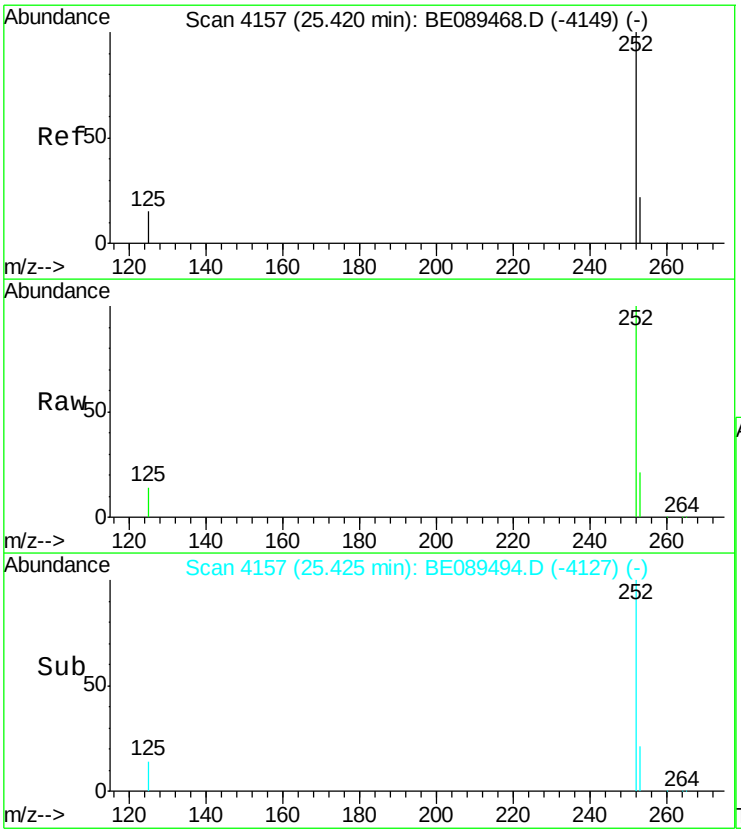
#29
Benzo(k)fluoranthene
Concen: 5.32 ng
RT: 25.08 min Scan# 4081
Delta R.T. 0.00 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:252 Resp: 329308

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.4	10.6	15.8

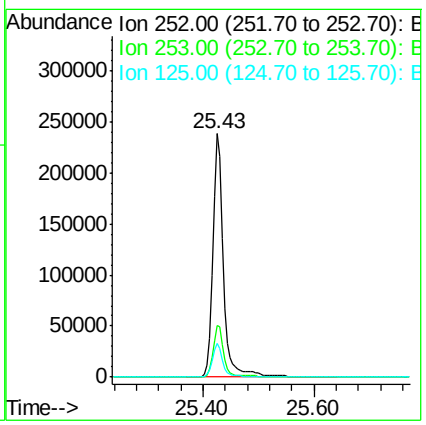


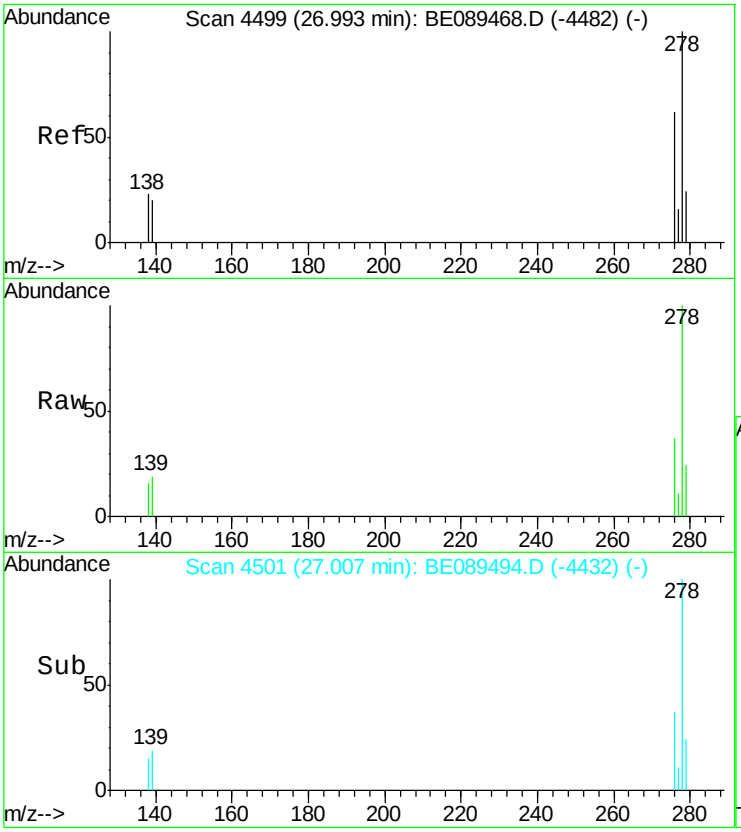


#30
Benzo(a)pyrene
Concen: 5.80 ng
RT: 25.43 min Scan# 4157
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Tgt Ion:252 Resp: 306881

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	14.1	12.2	18.4





#31
Dibenzo(a,h)anthracene
Concen: 5.86 ng
RT: 27.01 min Scan# 4501
Delta R.T. 0.01 min
Lab File: BE089494.D
Acq: 4 Feb 2015 13:18

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:278 Resp: 329020

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.8	25.2
279	23.8	19.4	29.0