Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
Data File : BE089416.D
Acq On : 29 Jan 2015 15:19
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC010

Quant Time: Jan 30 02:45:48 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE012915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 30 02:34:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	98013	5.00	ng		0.00
7) Naphthalene-d8	12.50	136	331544	5.00	ng		0.00
13) Acenaphthene-d10	16.68	164	113418	5.00	ng		0.00
17) Phenanthrene-d10	19.98	188	221484	5.00	ng		0.00
20) Chrysene-d12	23.84	240	389397	5.00	ng		0.00
27) Perylene-d12	25.55	264	479544	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.73	112	354847	11.29	ng		0.00
4) Phenol-d6	8.85	99	399337	10.38	ng		0.00
8) Nitrobenzene-d5	10.85	82	271845	11.39	ng		0.00
14) 2,4,6-Tribromophenol	18.58	330	36651	13.91	ng		0.00
15) 2-Fluorobiphenyl	15.13	172	311665	9.11	ng		0.00
22) Terphenyl-d14	22.48	244	415343	9.65	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.55	42	221628	13.27	ng	#	84
5) Phenol	8.87	94	435341	10.62	ng		90
6) bis(2-Chloroethyl)ether	9.06	93	318407	10.44	ng	#	99
9) Nitrobenzene	10.89	77	309463	11.48	ng		99
10) 2,4-Dimethylphenol	11.82	122	211720	10.41	ng		97
11) 2,4-Dichlorophenol	12.21	162	150596	9.73	ng		97
12) Hexachlorobutadiene	12.89	225	98996	9.05	ng		99
16) 2,4-Dinitrophenol	16.89	184	17342	22.56	ng		93
18) Hexachlorobenzene	19.23	284	102359	9.93	ng		93
19) Pentachlorophenol	19.65	266	39658	20.00	ng		97
21) Benzidine	22.14	184	383031	12.14	ng		99
23) Benzo(a)anthracene	23.83	228	3286058	9.31	ng		98
24) 3,3'-Dichlorobenzidine	23.81	252	348397	12.37	ng		96
25) Chrysene	23.87	228	3743672	8.59	ng		96
26) Indeno(1,2,3-cd)pyrene	27.07	276	1411226	14.00	ng	#	100
28) Benzo(b)fluoranthene	25.10	252	952848	15.68	ng		100
29) Benzo(k)fluoranthene	25.13	252	1223796	8.90	ng		97
30) Benzo(a)pyrene	25.49	252	1095895	14.88	ng	#	95
31) Dibenzo(a,h)anthracene	27.10	278	1143764	15.19	ng	#	95

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

Quantitation Report (QT Reviewed)

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Data File : BE089416.D
Acq On : 29 Jan 2015 15:19
Operator : TP/IZ
Sample : SSTDICC010
Misc :
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Instrument :
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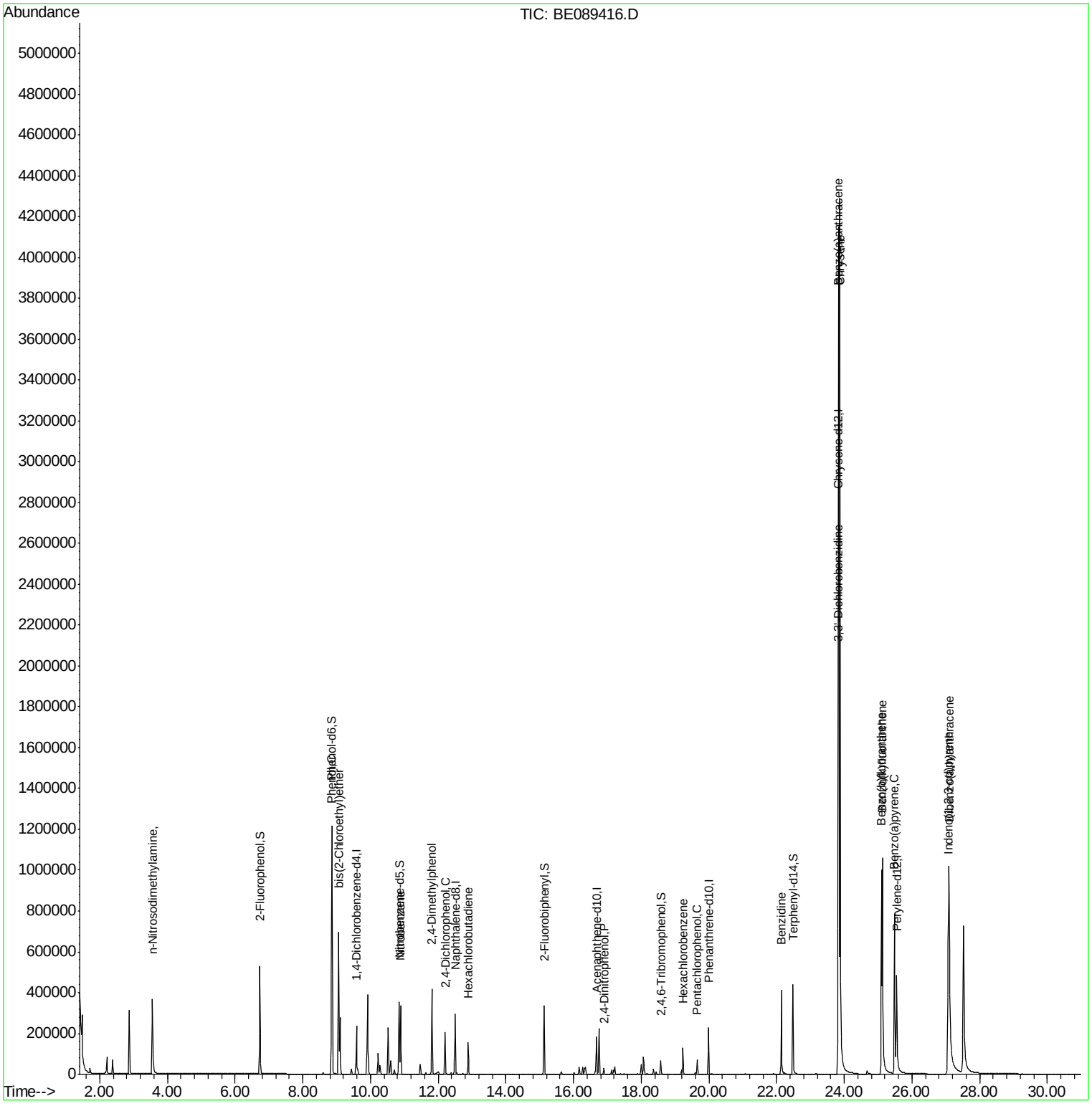
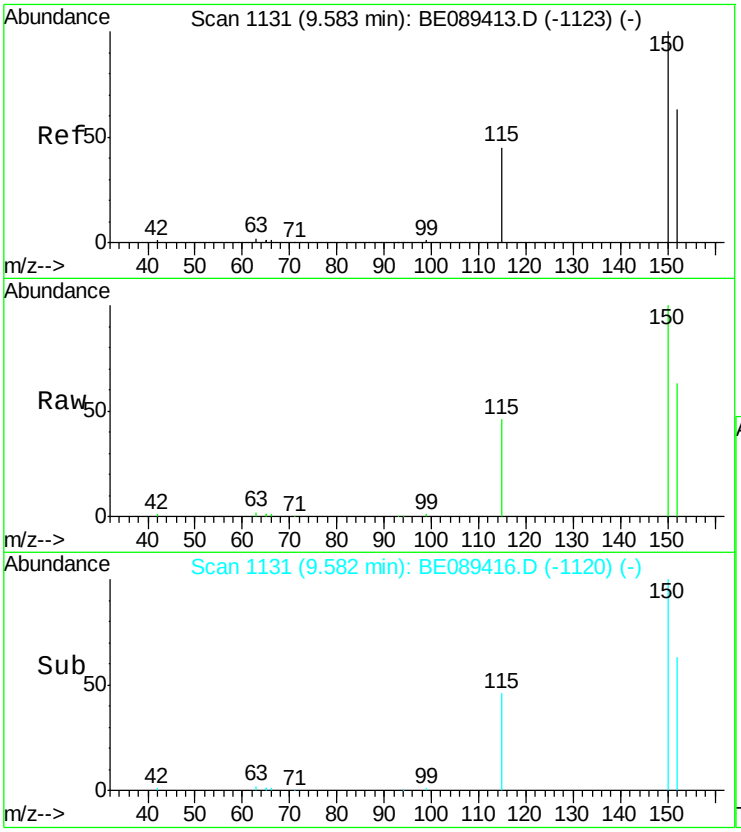


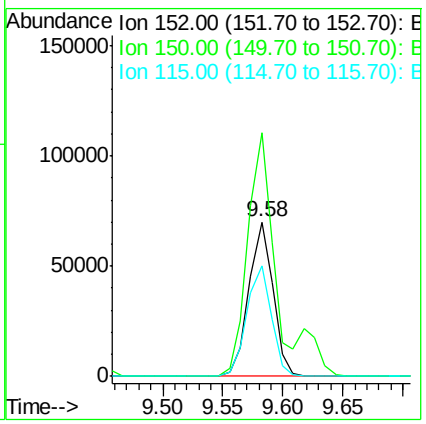


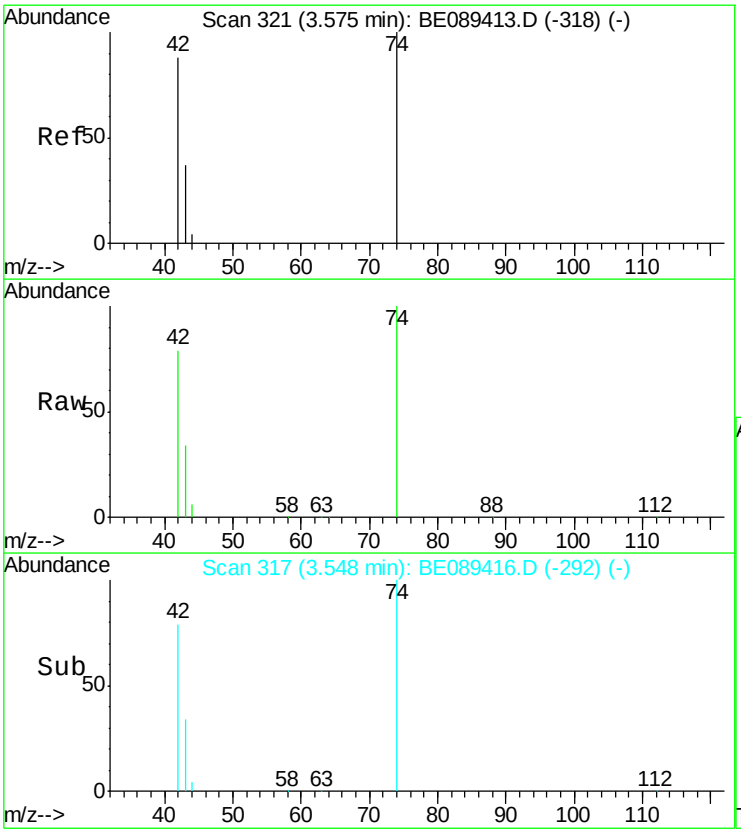
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:152 Resp: 98013

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.1	189.1
115	72.0	57.1	85.7

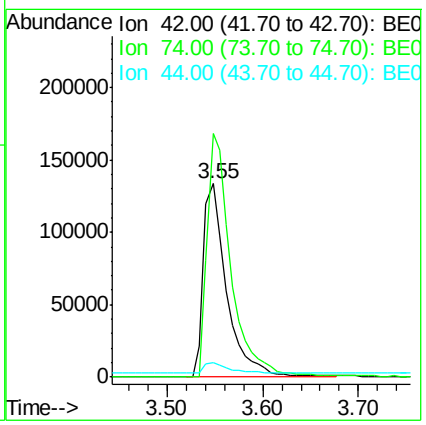


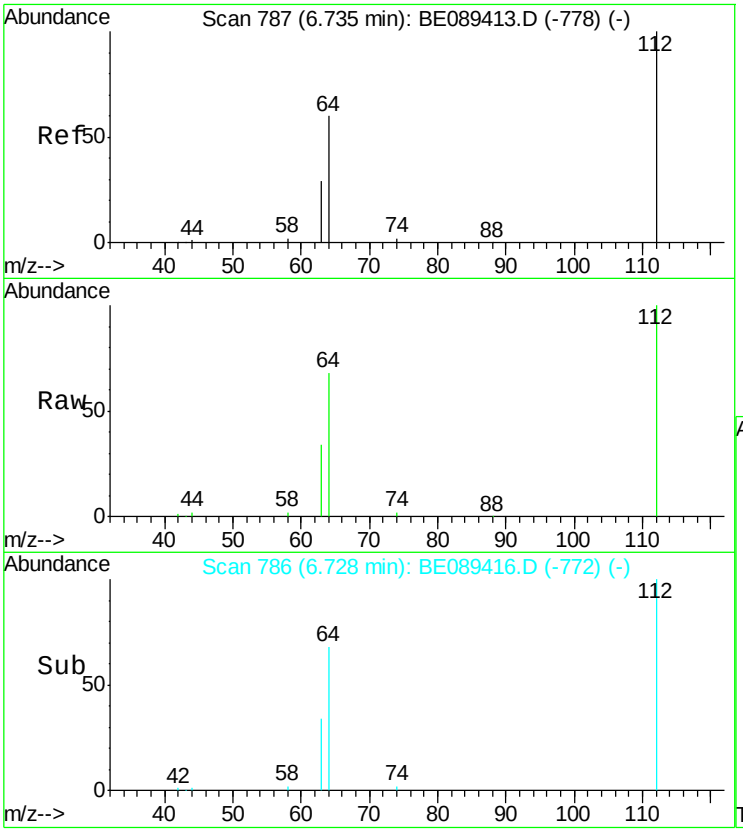


#2
n-Nitrosodimethylamine
Concen: 13.27 ng
RT: 3.55 min Scan# 317
Delta R.T. -0.03 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion: 42 Resp: 221628

Ion	Ratio	Lower	Upper
42	100		
74	126.1	90.2	135.2
44	7.7	19.4	29.2#



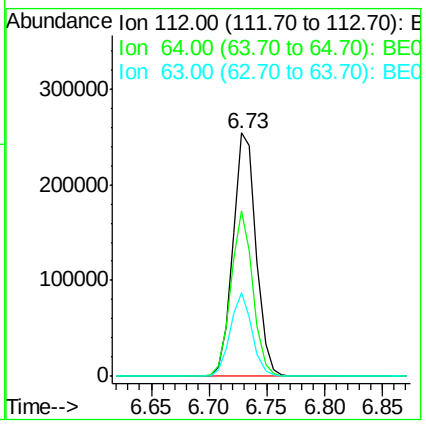


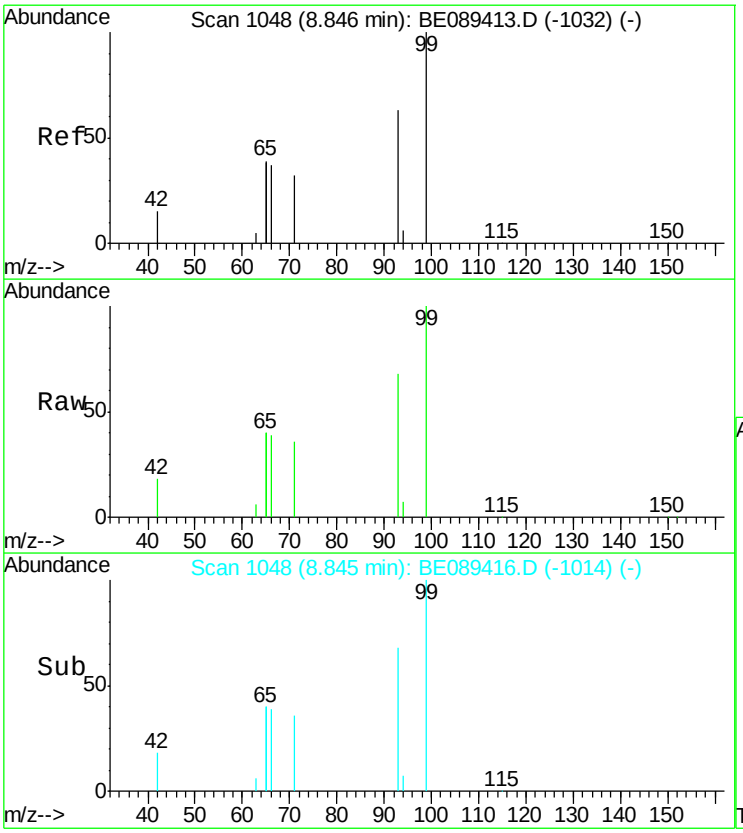
#3
2-Fluorophenol
Concen: 11.29 ng
RT: 6.73 min Scan# 786
Delta R.T. -0.01 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:112 Resp: 354847

Ion	Ratio	Lower	Upper
112	100		
64	67.8	48.2	72.4
63	34.4	23.5	35.3

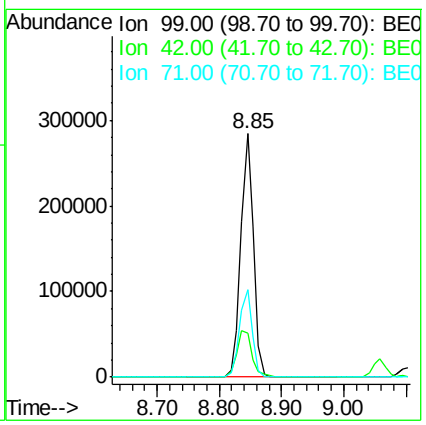


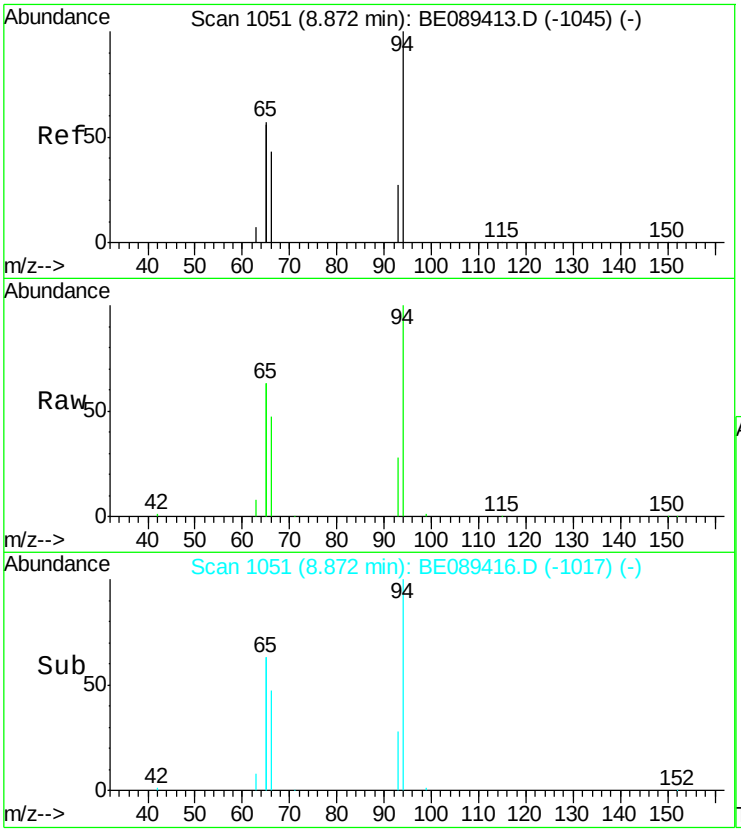


#4
Phenol-d6
Concen: 10.38 ng
RT: 8.85 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion: 99 Resp: 399337

Ion	Ratio	Lower	Upper
99	100		
42	17.9	11.9	17.9
71	35.8	25.8	38.6



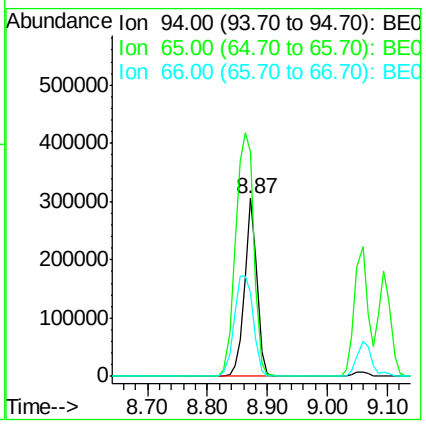


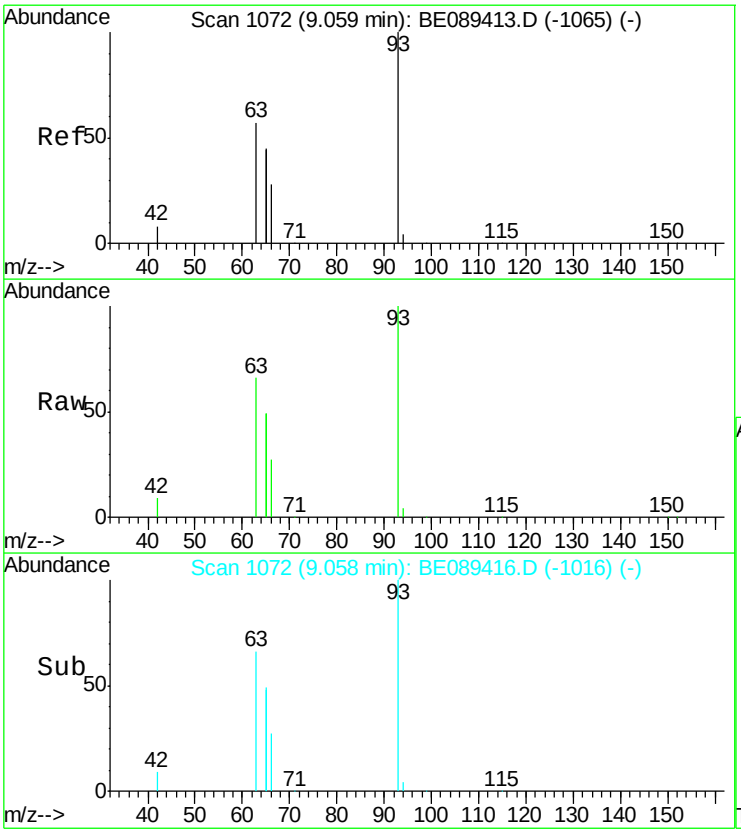
#5
Phenol
Concen: 10.62 ng
RT: 8.87 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion: 94 Resp: 435341

Ion	Ratio	Lower	Upper
94	100		
65	125.9	93.3	133.3
66	46.8	23.6	63.6

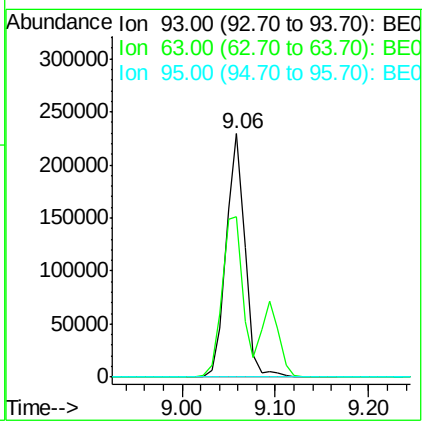


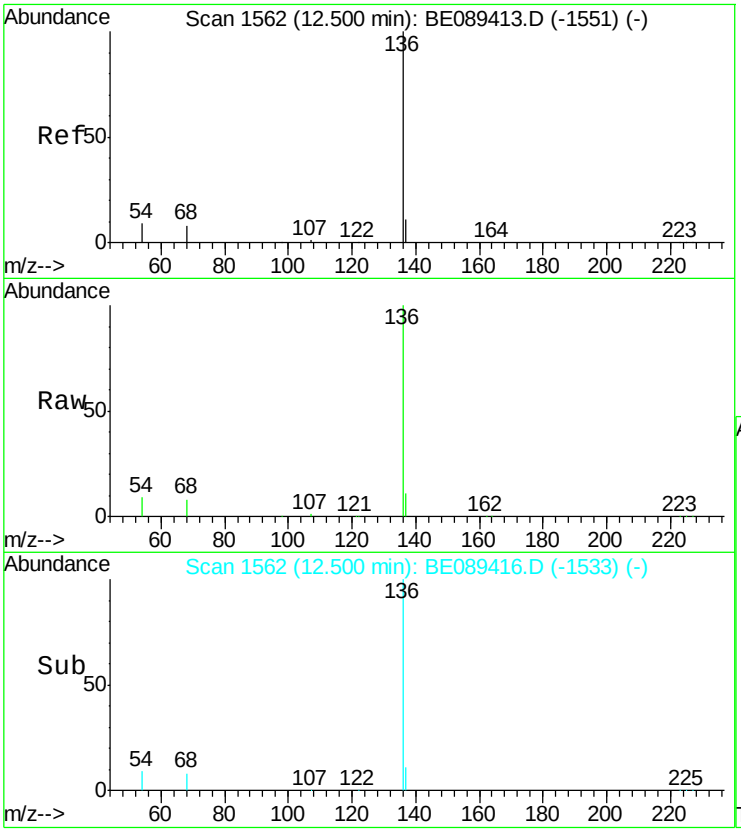


#6
bis(2-Chloroethyl)ether
Concen: 10.44 ng
RT: 9.06 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion: 93 Resp: 318407

Ion	Ratio	Lower	Upper
93	100		
63	74.1	58.6	88.0
95	0.0	0.0	0.0



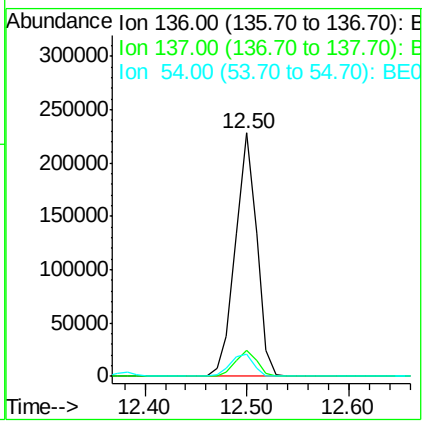


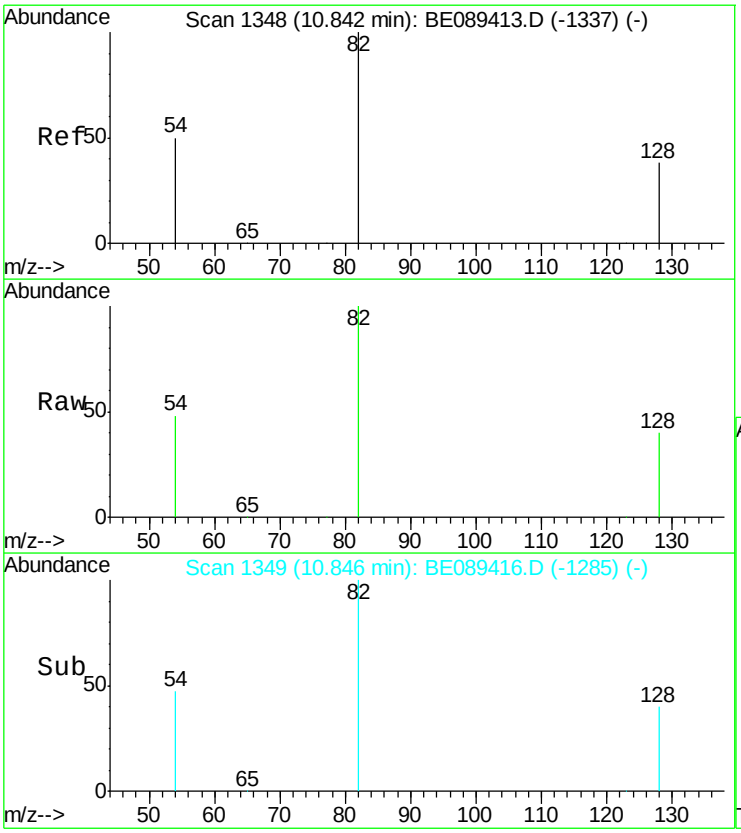
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.50 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:136 Resp: 331544

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.3	7.5	11.3

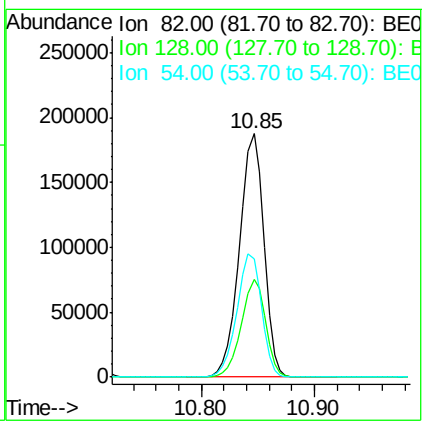


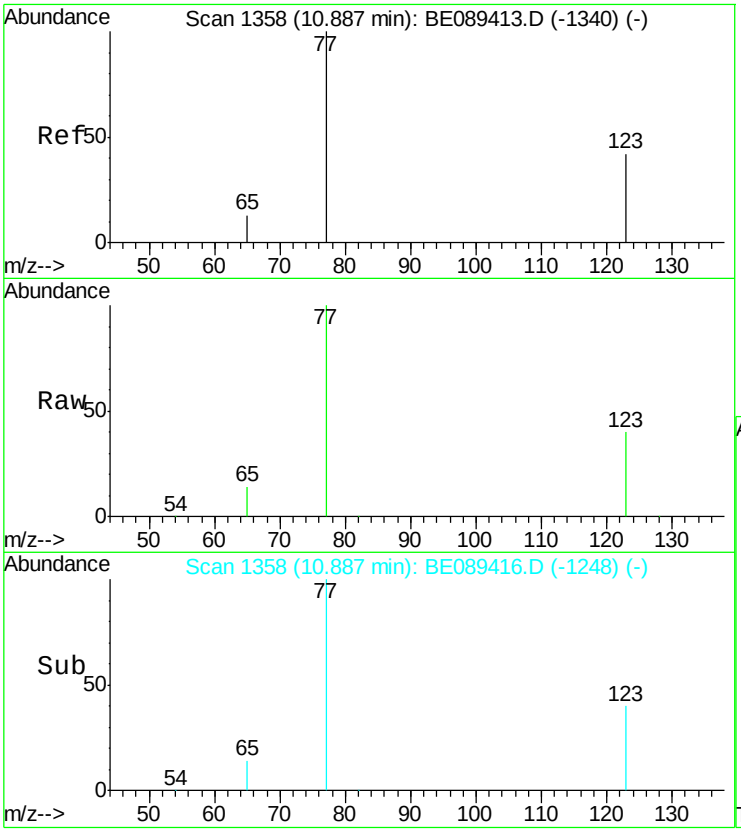


#8
Nitrobenzene-d5
Concen: 11.39 ng
RT: 10.85 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion: 82 Resp: 271845

Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.0	46.4
54	48.3	39.8	59.6



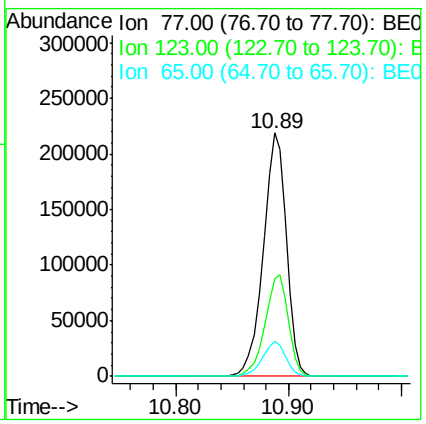


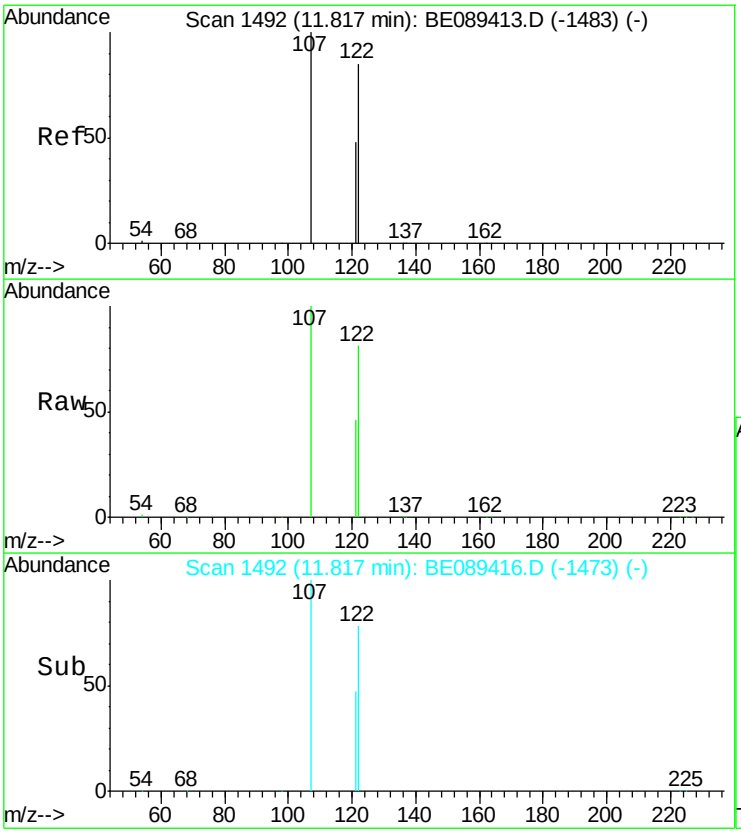
#9
Nitrobenzene
Concen: 11.48 ng
RT: 10.89 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 309463

Ion	Ratio	Lower	Upper
77	100		
123	41.8	32.8	49.2
65	14.2	11.0	16.6

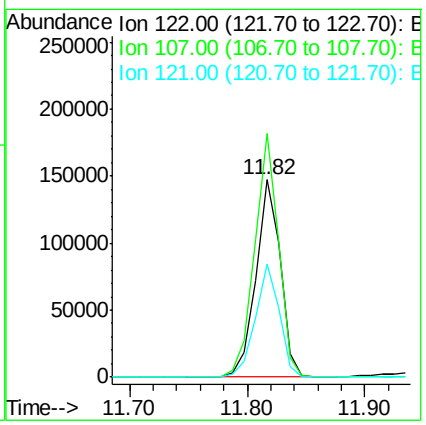


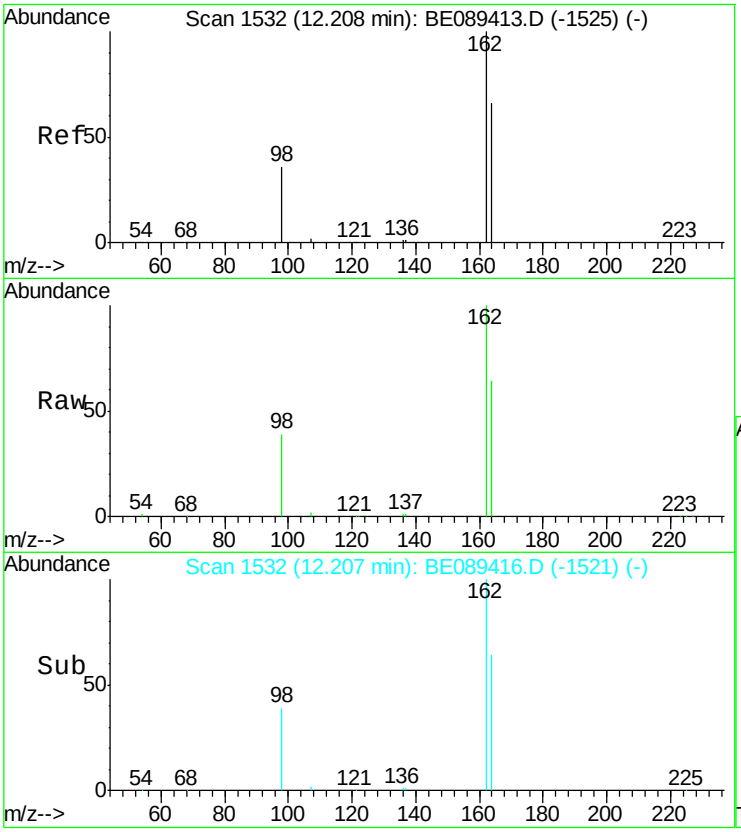


#10
2,4-Dimethylphenol
Concen: 10.41 ng
RT: 11.82 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion:122 Resp: 211720

Ion	Ratio	Lower	Upper
122	100		
107	123.4	94.6	142.0
121	57.3	45.8	68.6



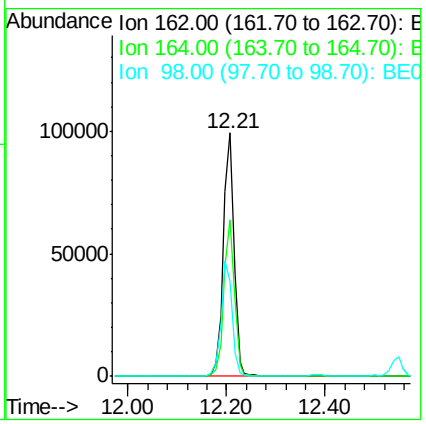


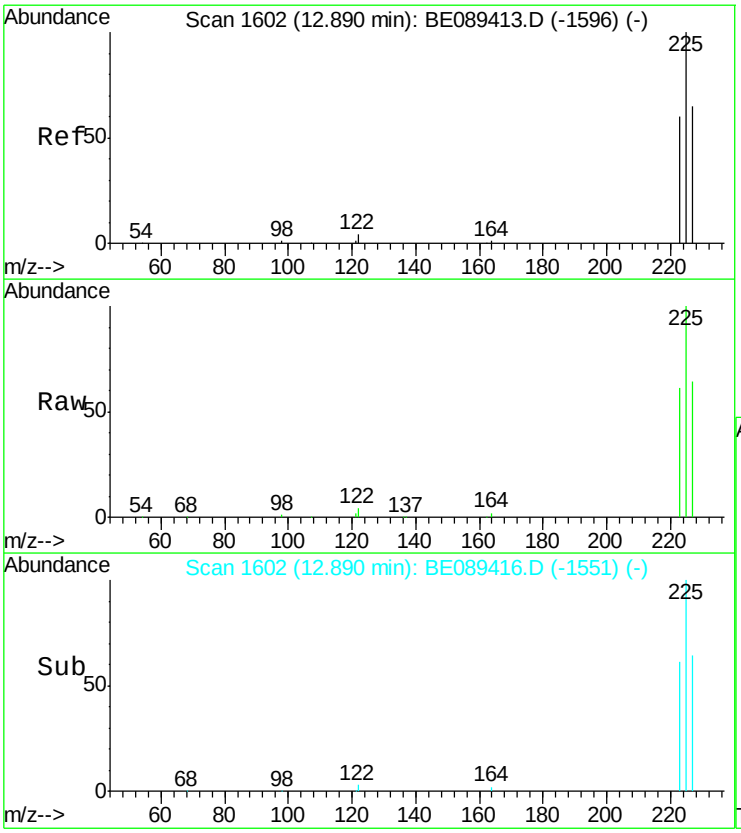
#11
2,4-Dichlorophenol
Concen: 9.73 ng
RT: 12.21 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:162 Resp: 150596

Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.1	86.1
98	38.9	16.2	56.2

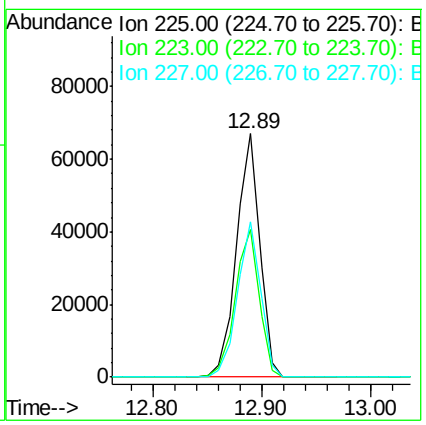


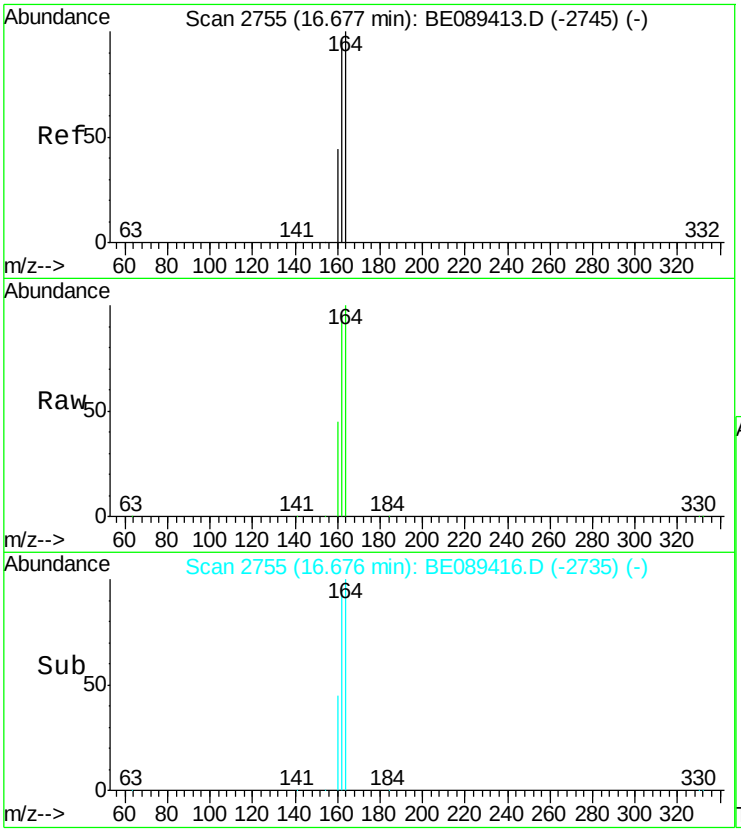


#12
Hexachlorobutadiene
Concen: 9.05 ng
RT: 12.89 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion:225 Resp: 98996

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.4	75.6
227	63.6	50.2	75.2



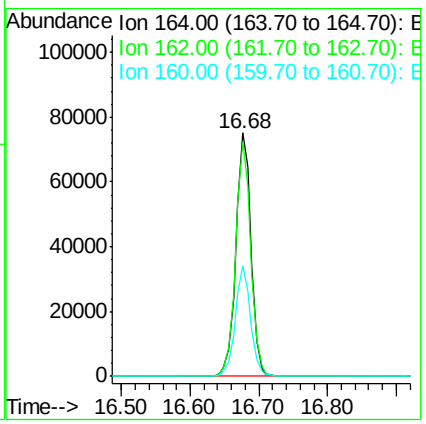


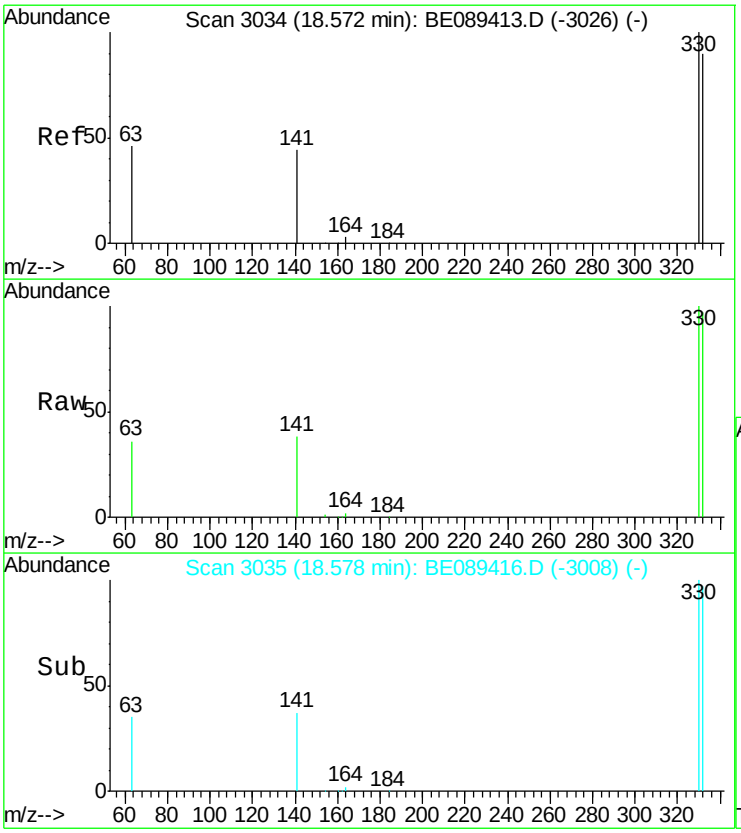
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:164 Resp: 113418

Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.0	115.6
160	45.5	35.0	52.4

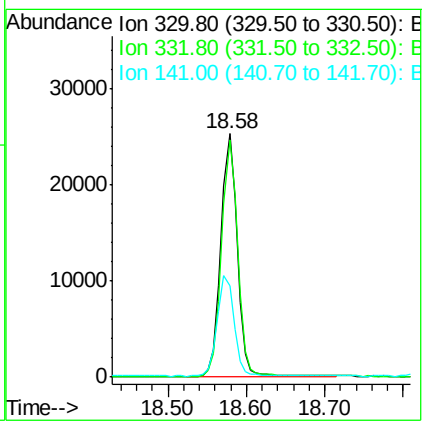


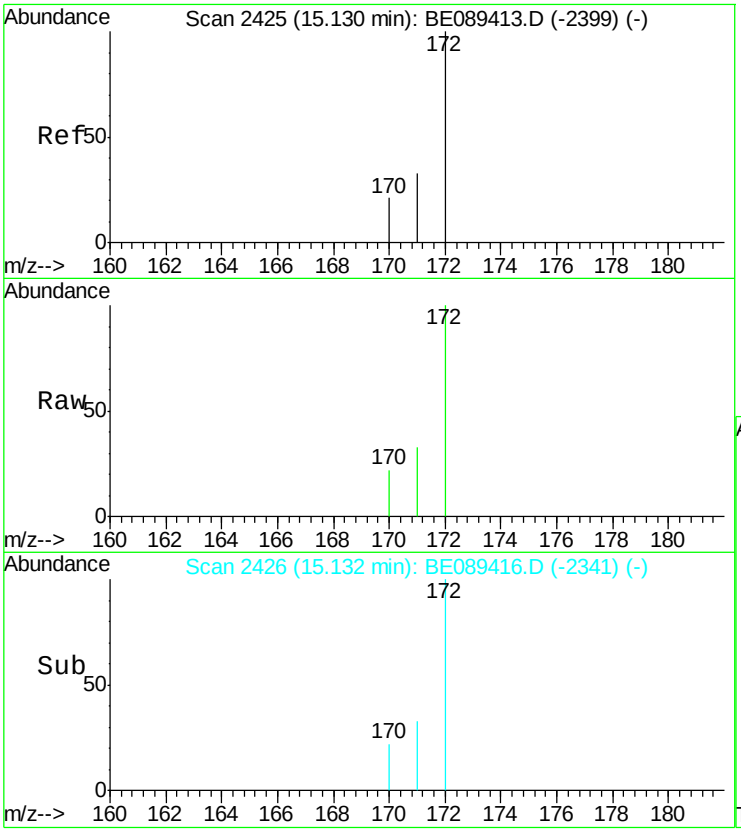


#14
2,4,6-Tribromophenol
Concen: 13.91 ng
RT: 18.58 min Scan# 3035
Delta R.T. 0.01 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion:330 Resp: 36651

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	42.4	35.6	53.4



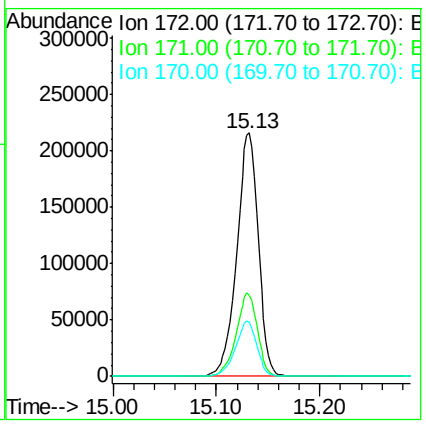


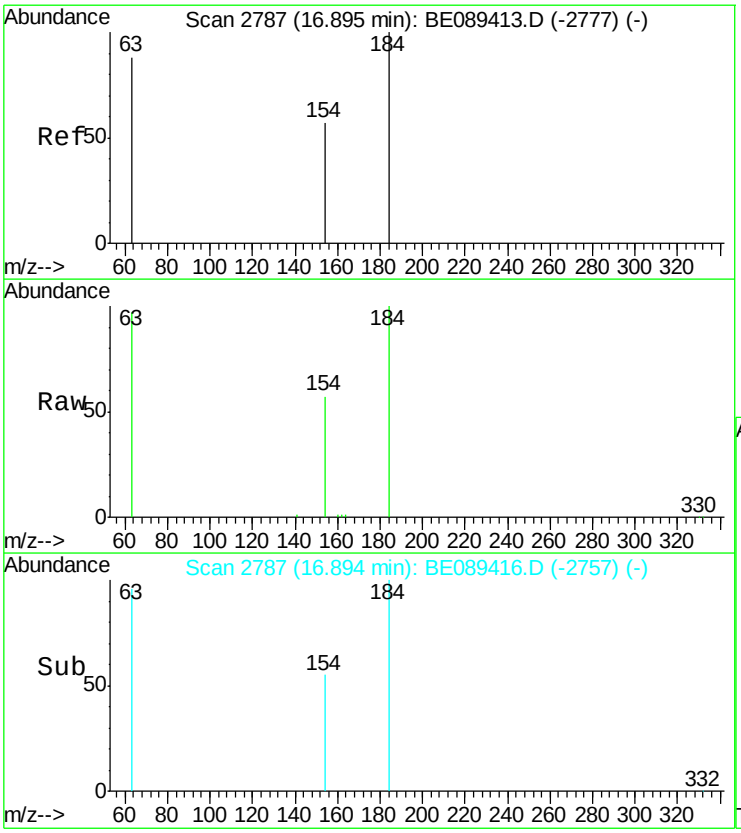
#15
2-Fluorobiphenyl
Concen: 9.11 ng
RT: 15.13 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:172 Resp: 311665

Ion	Ratio	Lower	Upper
172	100		
171	33.3	26.6	39.8
170	22.3	17.1	25.7

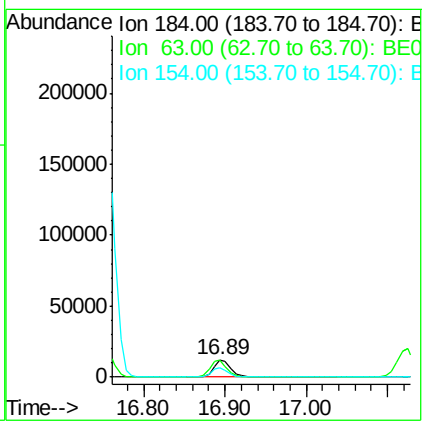


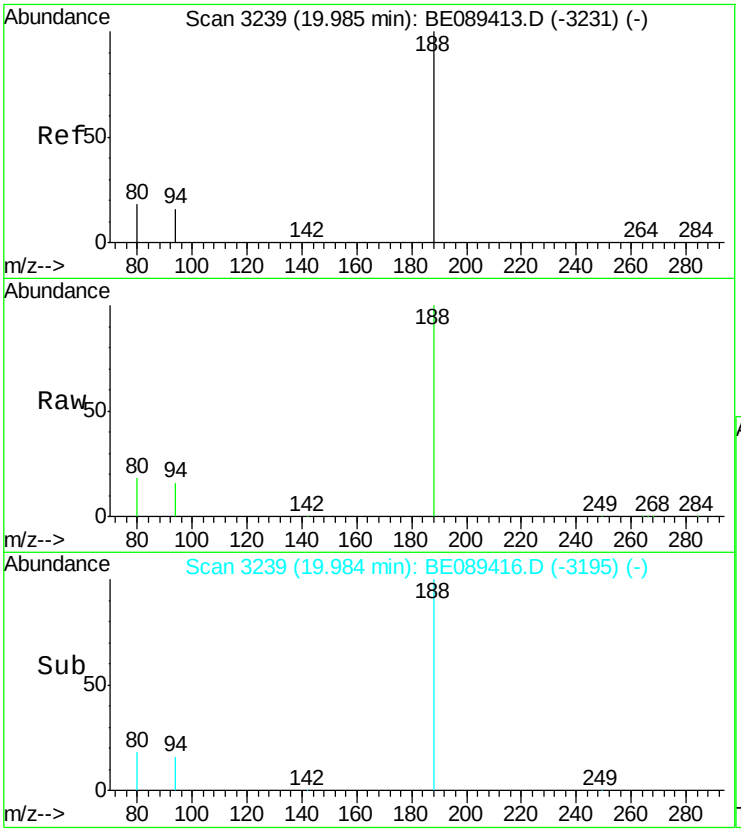


#16
2,4-Dinitrophenol
Concen: 22.56 ng
RT: 16.89 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion:184 Resp: 17342

Ion	Ratio	Lower	Upper
184	100		
63	97.1	79.0	118.4
154	56.8	55.8	83.6



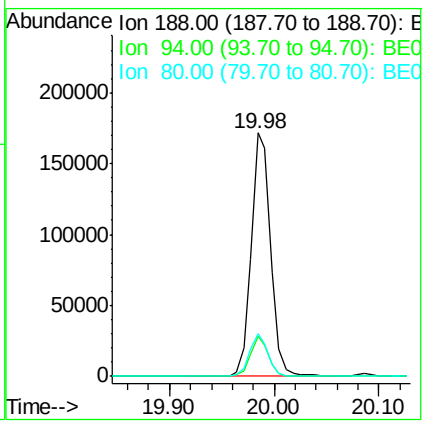


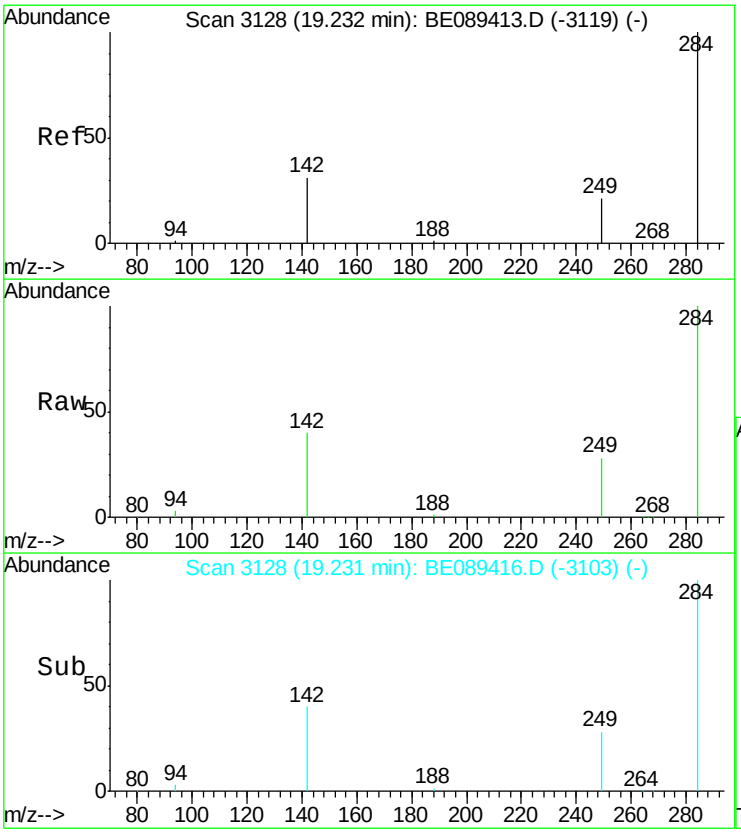
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.98 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:188 Resp: 221484

Ion	Ratio	Lower	Upper
188	100		
94	16.2	13.0	19.6
80	17.7	14.2	21.4

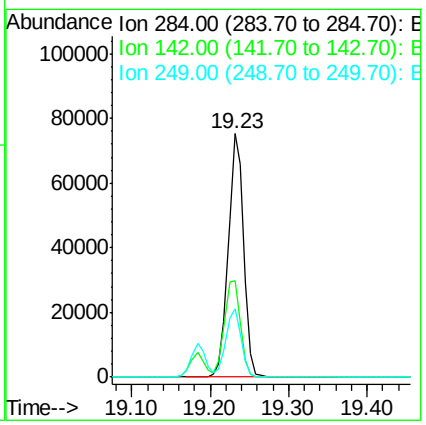


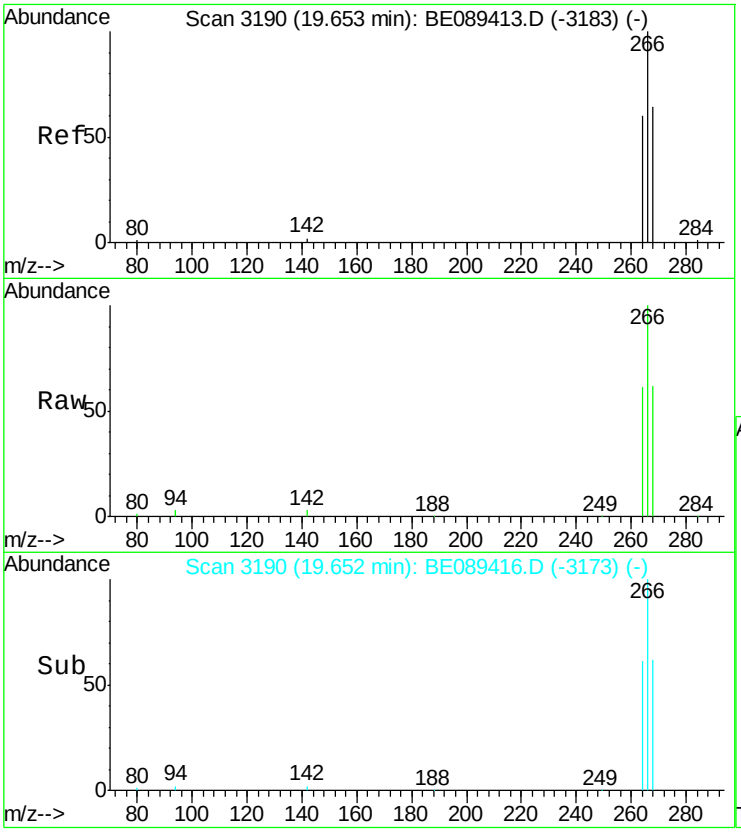


#18
Hexachlorobenzene
Concen: 9.93 ng
RT: 19.23 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion:284 Resp: 102359

Ion	Ratio	Lower	Upper
284	100		
142	39.6	28.3	42.5
249	28.0	19.9	29.9



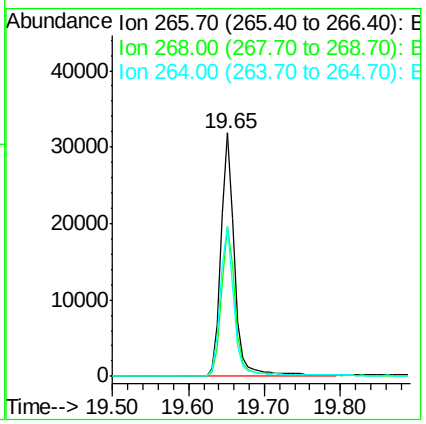


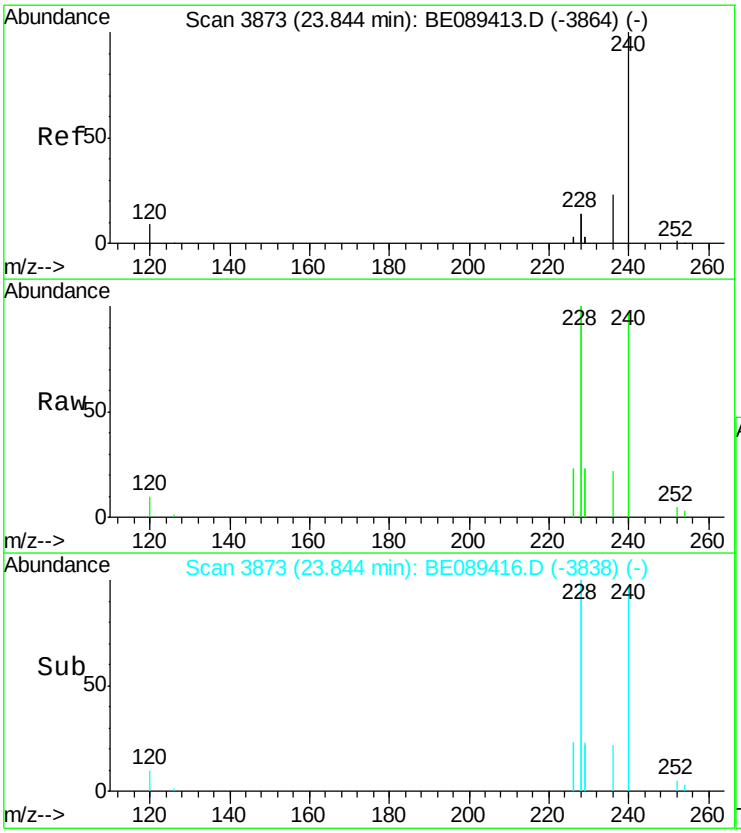
#19
Pentachlorophenol
Concen: 20.00 ng
RT: 19.65 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:266 Resp: 39658

Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.9	77.9
264	61.5	48.5	72.7

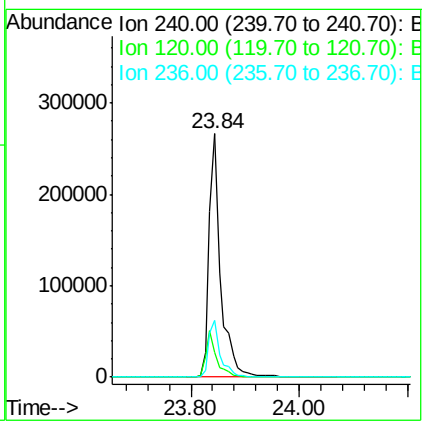


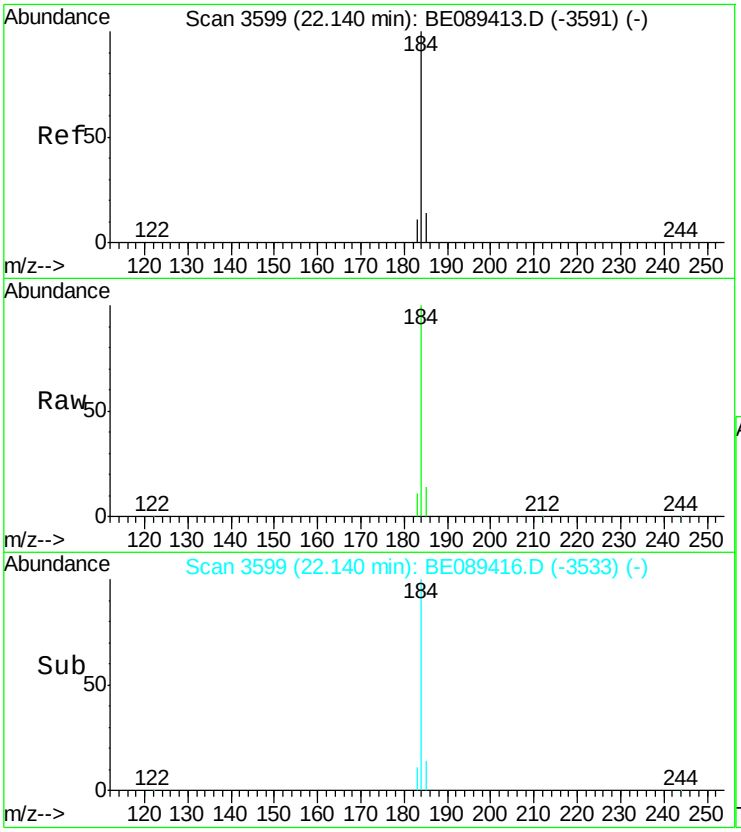


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion:240 Resp: 389397

Ion	Ratio	Lower	Upper
240	100		
120	10.1	6.9	10.3
236	23.2	18.2	27.2



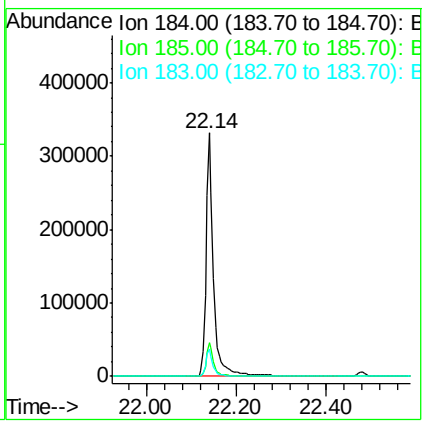


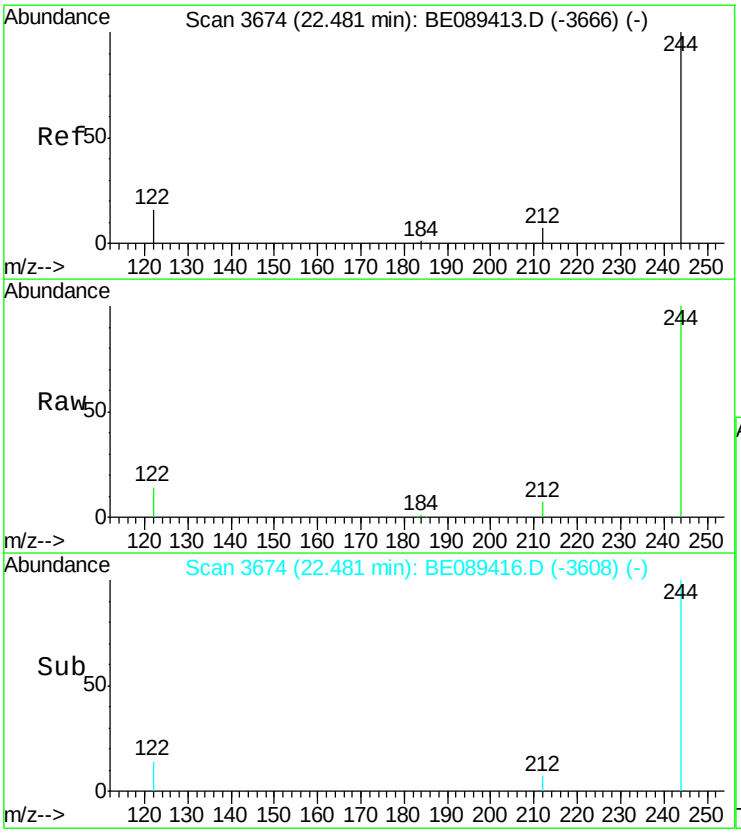
#21
Benzidine
Concen: 12.14 ng
RT: 22.14 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:184 Resp: 383031

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.0	16.6
183	11.2	8.6	13.0

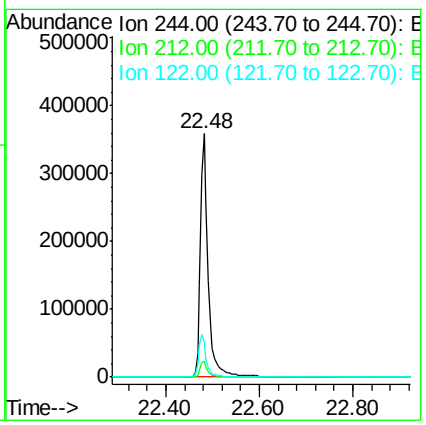


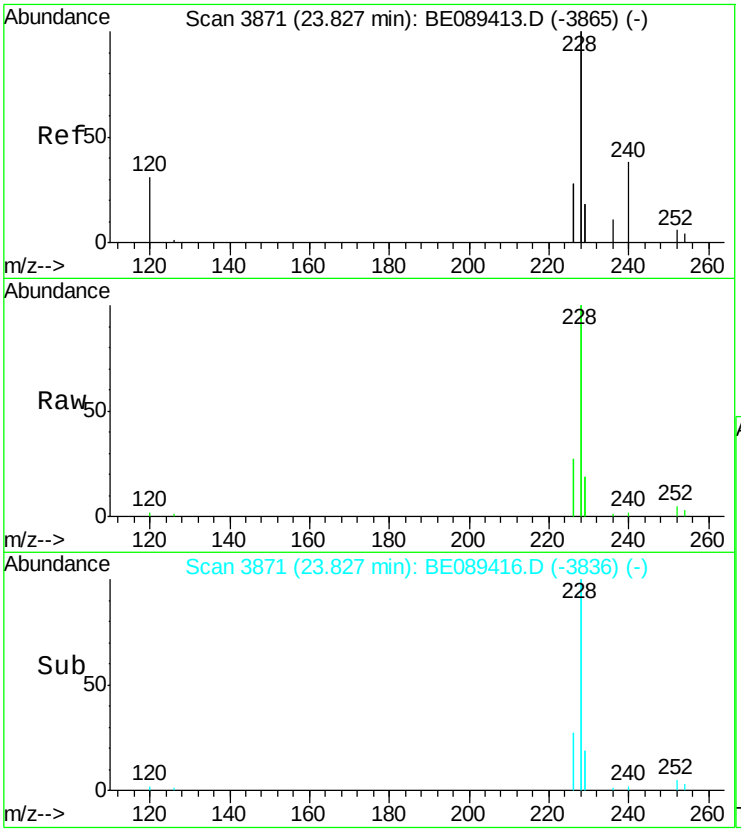


#22
Terphenyl-d14
Concen: 9.65 ng
RT: 22.48 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion:244 Resp: 415343

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.2	13.2	19.8



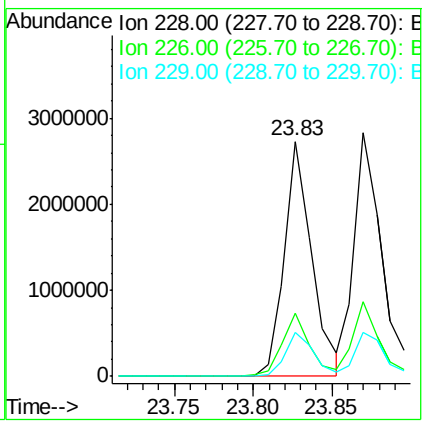


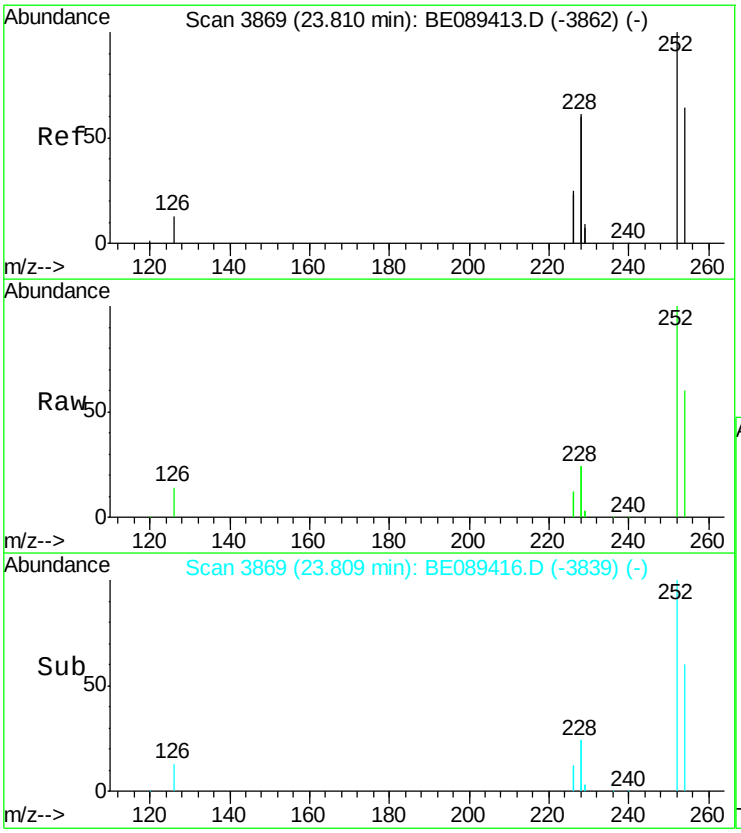
#23
Benzo(a)anthracene
Concen: 9.31 ng
RT: 23.83 min Scan# 3871
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:228 Resp: 3286058

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	18.9	14.5	21.7

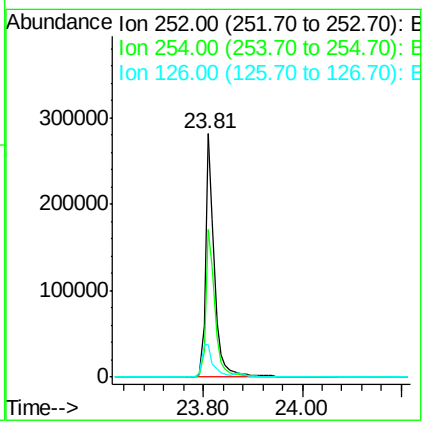


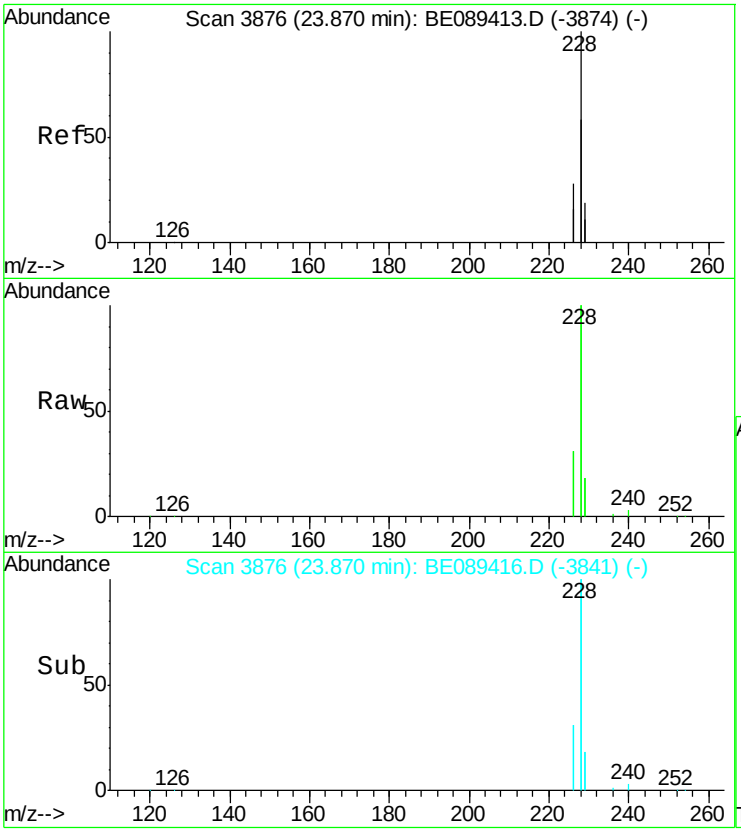


#24
3,3'-Dichlorobenzidine
Concen: 12.37 ng
RT: 23.81 min Scan# 3869
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion:252 Resp: 348397

Ion	Ratio	Lower	Upper
252	100		
254	60.5	51.1	76.7
126	13.5	11.5	17.3



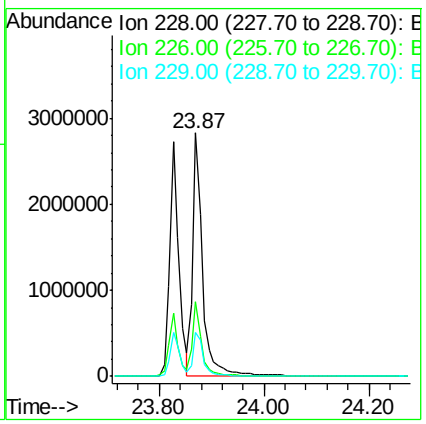


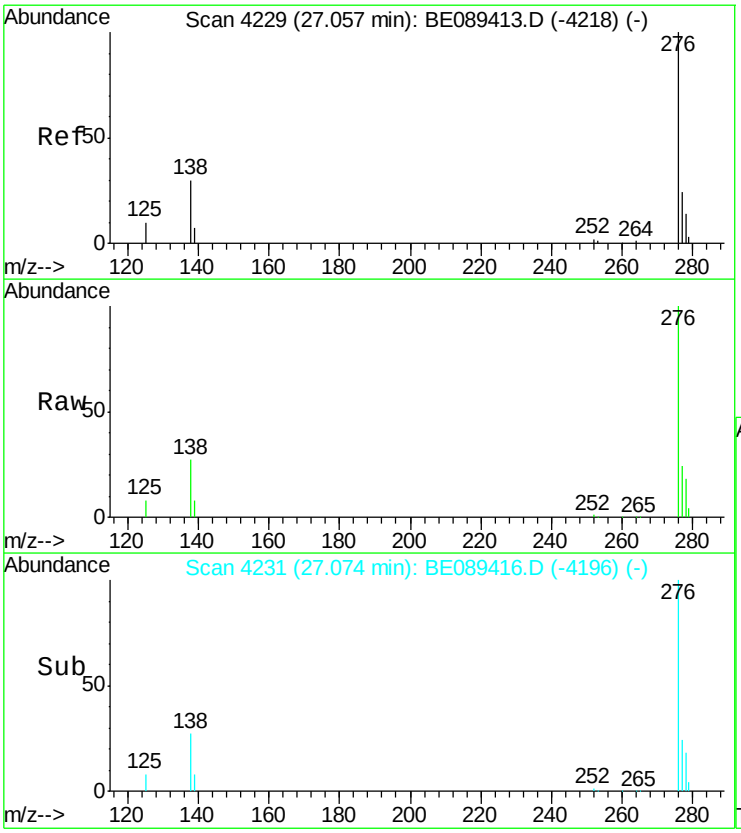
#25
Chrysene
Concen: 8.59 ng
RT: 23.87 min Scan# 3876
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:228 Resp: 3743672

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	18.1	15.5	23.3

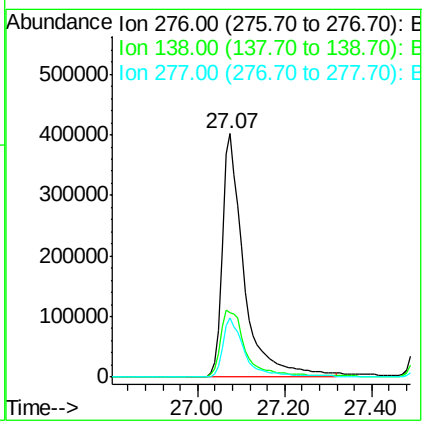


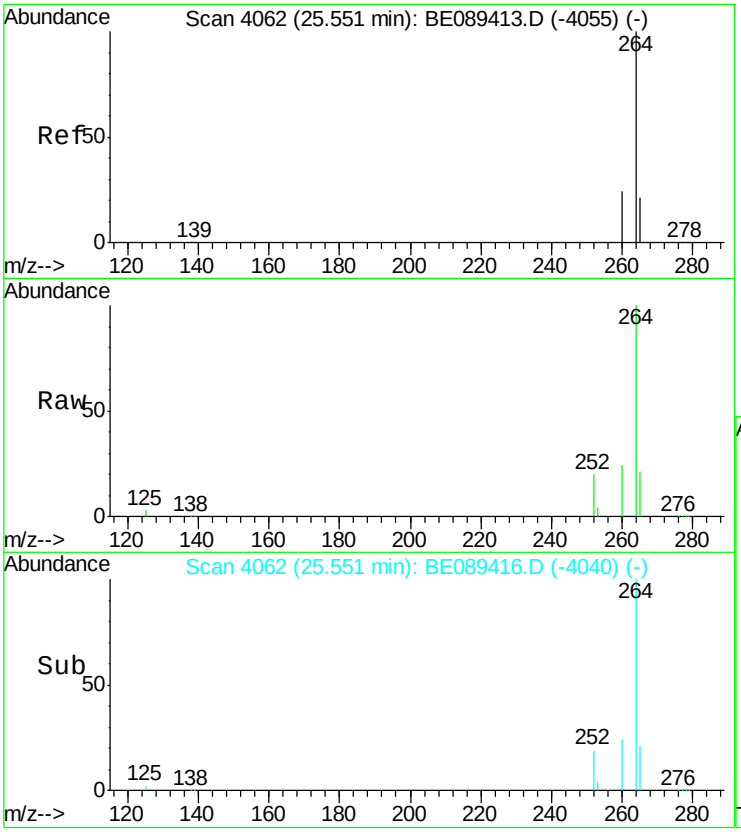


#26
Indeno(1,2,3-cd)pyrene
Concen: 14.00 ng
RT: 27.07 min Scan# 4231
Delta R.T. 0.02 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion:276 Resp: 1411226

Ion	Ratio	Lower	Upper
276	100		
138	32.6	0.0	0.0#
277	24.9	0.0	0.0#



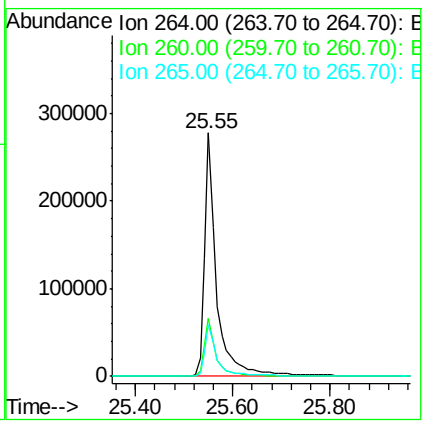


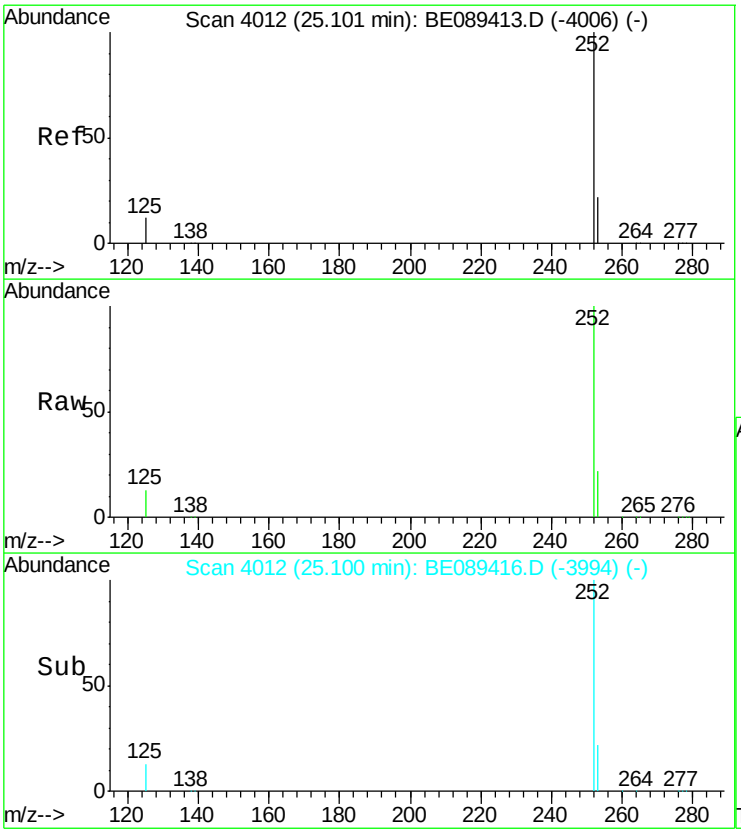
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.55 min Scan# 4062
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:264 Resp: 479544

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.4	17.1	25.7

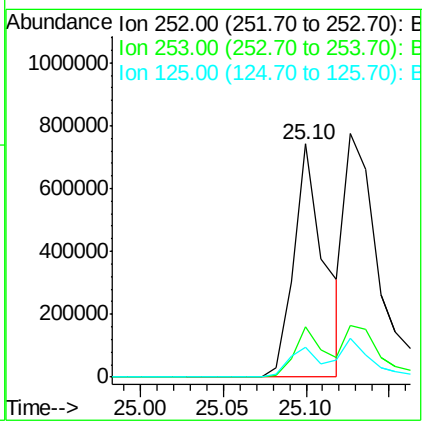


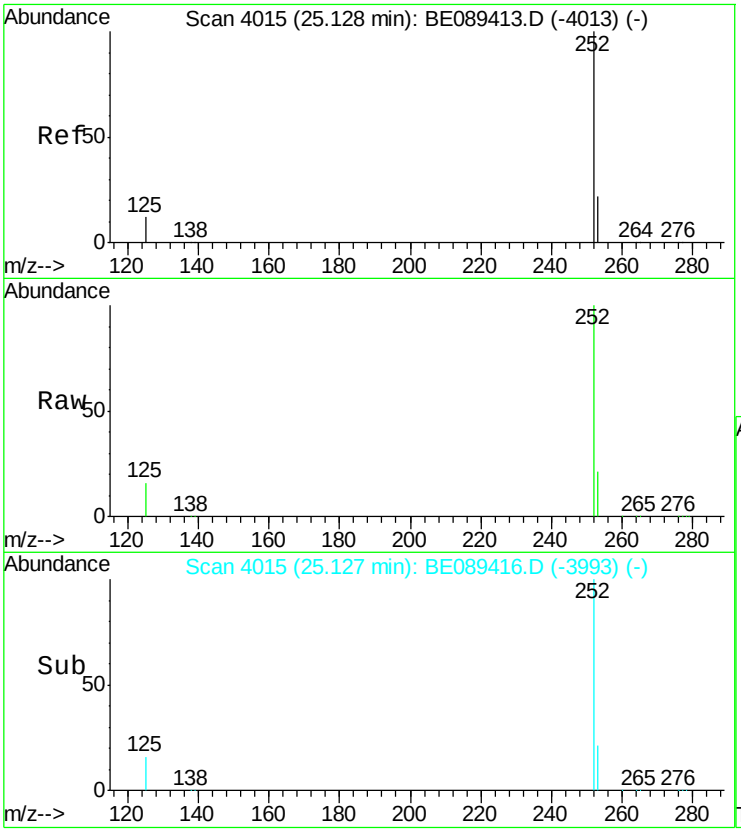


#28
Benzo(b)fluoranthene
Concen: 15.68 ng
RT: 25.10 min Scan# 4012
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion:252 Resp: 952848

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	12.9	10.5	15.7



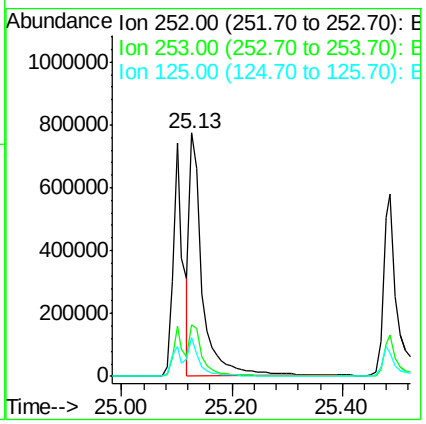


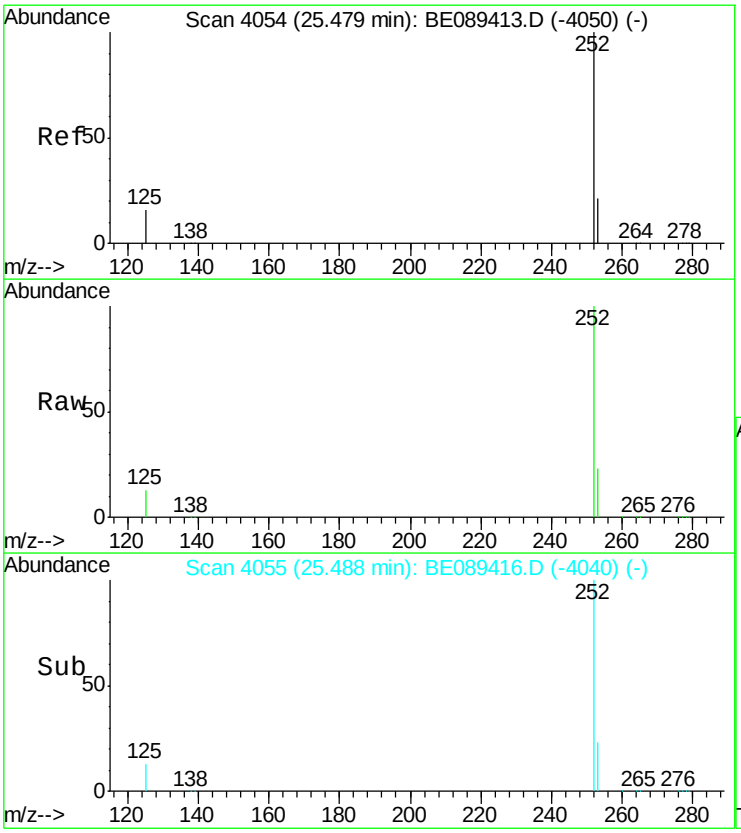
#29
Benzo(k)fluoranthene
Concen: 8.90 ng
RT: 25.13 min Scan# 4015
Delta R.T. -0.00 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:252 Resp: 1223796

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.2
125	15.8	11.0	16.6

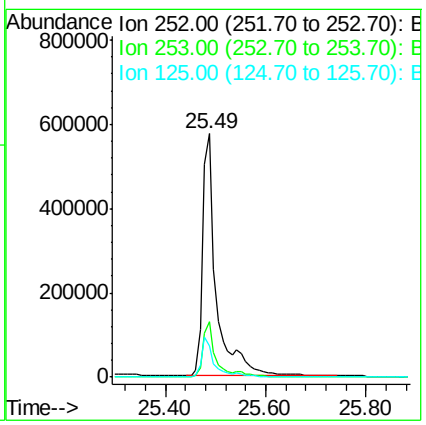


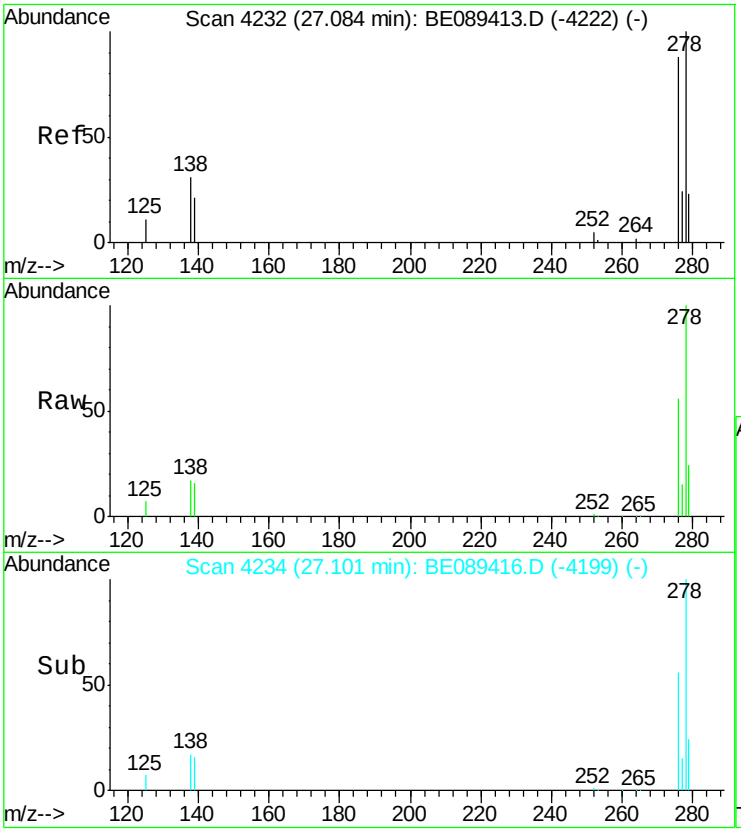


#30
Benzo(a)pyrene
Concen: 14.88 ng
RT: 25.49 min Scan# 4055
Delta R.T. 0.01 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Tgt Ion:252 Resp: 1095895

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	12.8	13.0	19.6#





#31
Dibenzo(a,h)anthracene
Concen: 15.19 ng
RT: 27.10 min Scan# 4234
Delta R.T. 0.02 min
Lab File: BE089416.D
Acq: 29 Jan 2015 15:19

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:278 Resp: 1143764

Ion	Ratio	Lower	Upper
278	100		
139	16.3	17.2	25.8#
279	24.1	19.2	28.8