Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
Data File : BE092993.D
Acq On : 11 May 2017 13:13
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: May 11 14:14:47 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:12:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	768	0.40	ng		-0.02
7) Naphthalene-d8	10.52	136	3281	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1656	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	4393	0.40	ng		0.00
27) Chrysene-d12	21.28	240	4489	0.40	ng		0.00
34) Perylene-d12	23.70	264	3473	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	3414	1.62	ng		0.00
5) Phenol-d6	6.92	99	4545	1.75	ng		-0.02
8) Nitrobenzene-d5	8.88	82	4272	1.68	ng		-0.02
11) 2-Methylnaphthalene-d10	12.11	152	7789	1.70	ng		-0.02
14) 2,4,6-Tribromophenol	15.87	330	764	1.76	ng		-0.01
15) 2-Fluorobiphenyl	13.01	172	11083	1.71	ng		0.00
25) Fluoranthene-d10	19.14	212	17876	1.53	ng		-0.01
29) Terphenyl-d14	19.74	244	14196	1.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2354	1.49	ng		97
3) n-Nitrosodimethylamine	3.59	42	2236	1.70	ng	#	98
6) bis(2-Chloroethyl)ether	7.18	93	4358	1.69	ng	#	99
9) Naphthalene	10.58	128	13924	1.59	ng		95
10) Hexachlorobutadiene	10.89	225	1874	1.56	ng		98
12) 2-Methylnaphthalene	12.19	142	8815	1.75	ng		98
16) Acenaphthylene	14.10	152	49575	1.83	ng		99
17) Acenaphthene	14.44	154	8455	1.68	ng		99
18) Fluorene	15.43	166	10944	1.73	ng		100
20) 4-Bromophenyl-phenylether	16.33	248	2132	1.52	ng	#	1
21) Hexachlorobenzene	16.47	284	3023	1.38	ng	#	100
22) Pentachlorophenol	16.81	266	820	1.24	ng	#	86
23) Phenanthrene	17.19	178	13758	1.25	ng	#	77
24) Anthracene	17.28	178	14329	1.52	ng		97
26) Fluoranthene	19.16	202	88859	1.55	ng	#	59
28) Pyrene	19.53	202	89174	1.56	ng	#	96
30) Benzo(a)anthracene	21.25	228	19800	1.84	ng	#	83
31) Chrysene	21.30	228	22080	1.59	ng	#	82
32) Bis(2-ethylhexyl)phthalate	21.20	149	7518	1.59	ng		98
33) Indeno(1,2,3-cd)pyrene	26.24	276	73600	1.69	ng		99
35) Benzo(b)fluoranthene	22.95	252	18377	1.66	ng		95
36) Benzo(k)fluoranthene	22.99	252	19801	1.81	ng		93
37) Benzo(a)pyrene	23.58	252	16499	1.73	ng	#	93
38) Dibenzo(a,h)anthracene	26.25	278	15701	1.82	ng		92
39) Benzo(g,h,i)perylene	27.00	276	68167	1.71	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
Data File : BE092993.D
Acq On : 11 May 2017 13:13
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: May 11 14:14:47 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:12:45 2017
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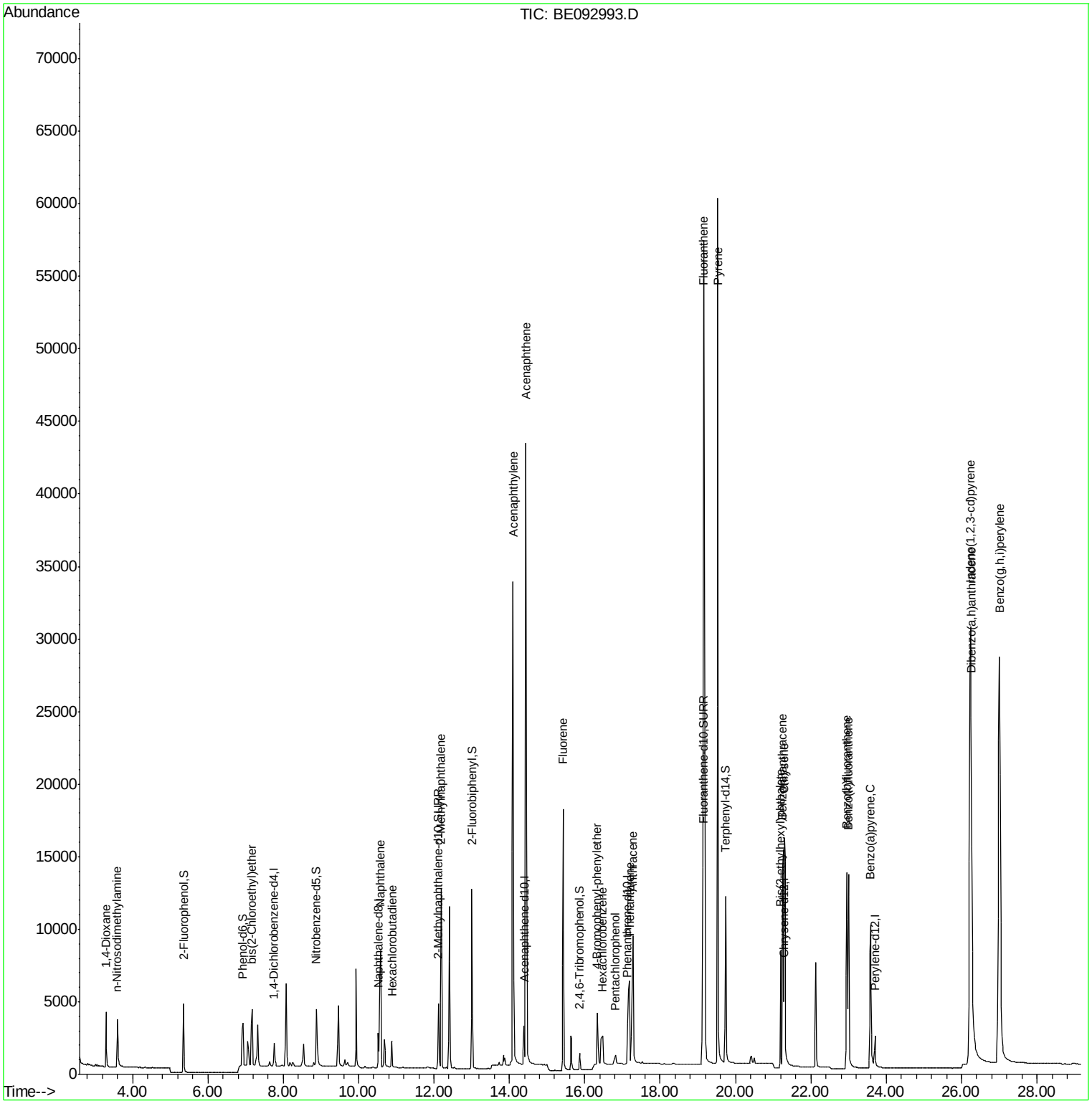
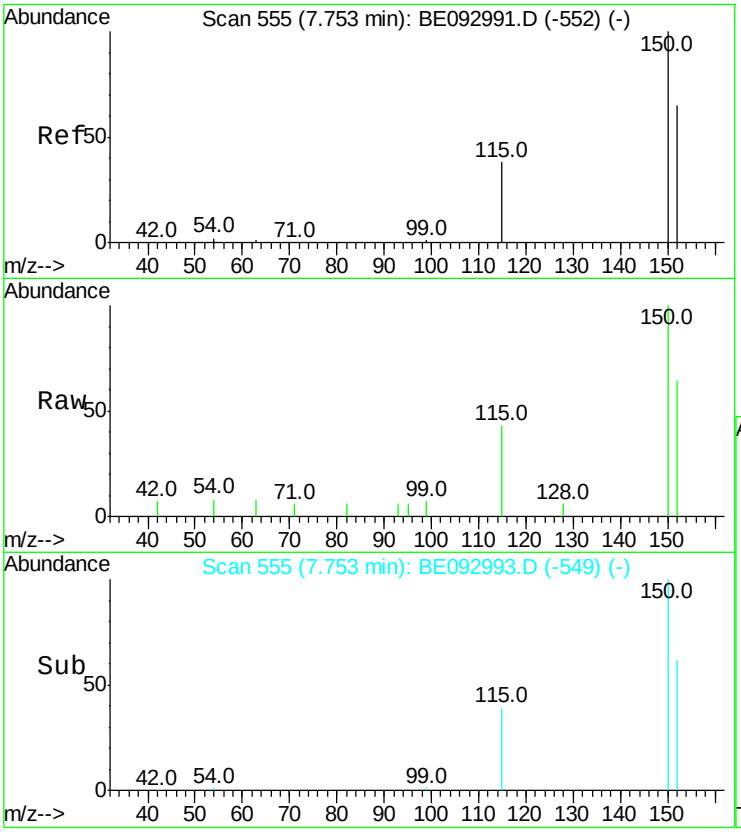


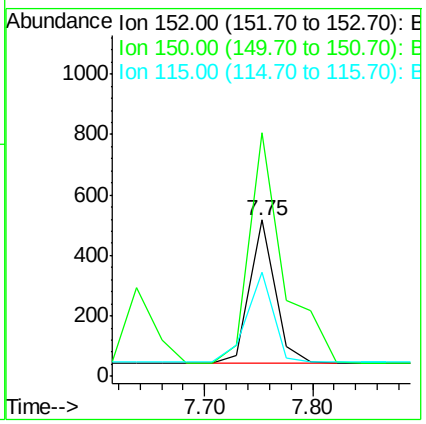


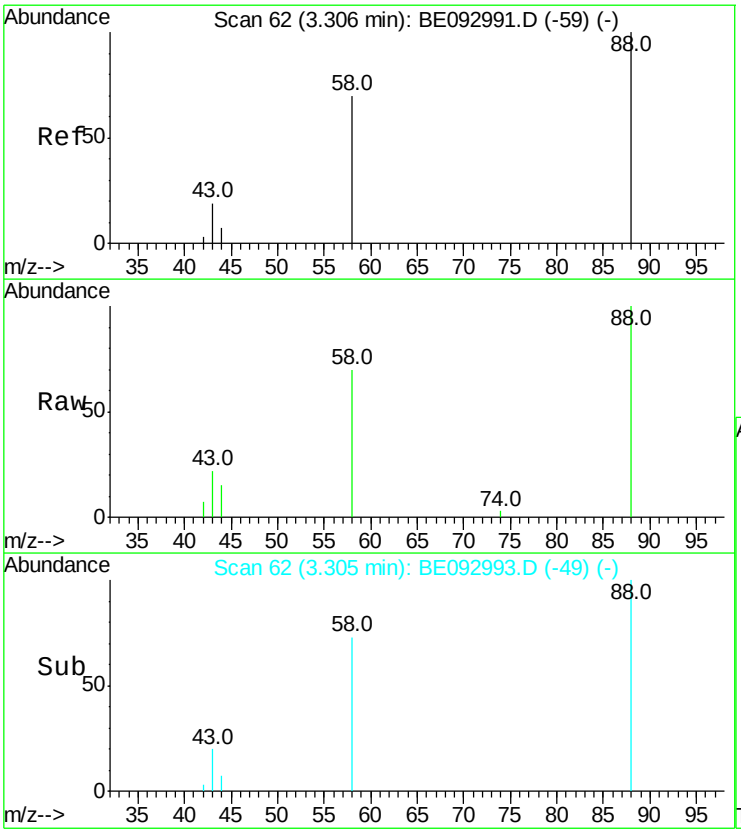
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 768

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.1	187.7
115	66.4	55.7	83.5

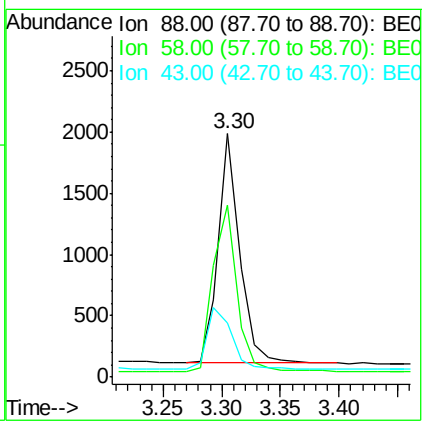


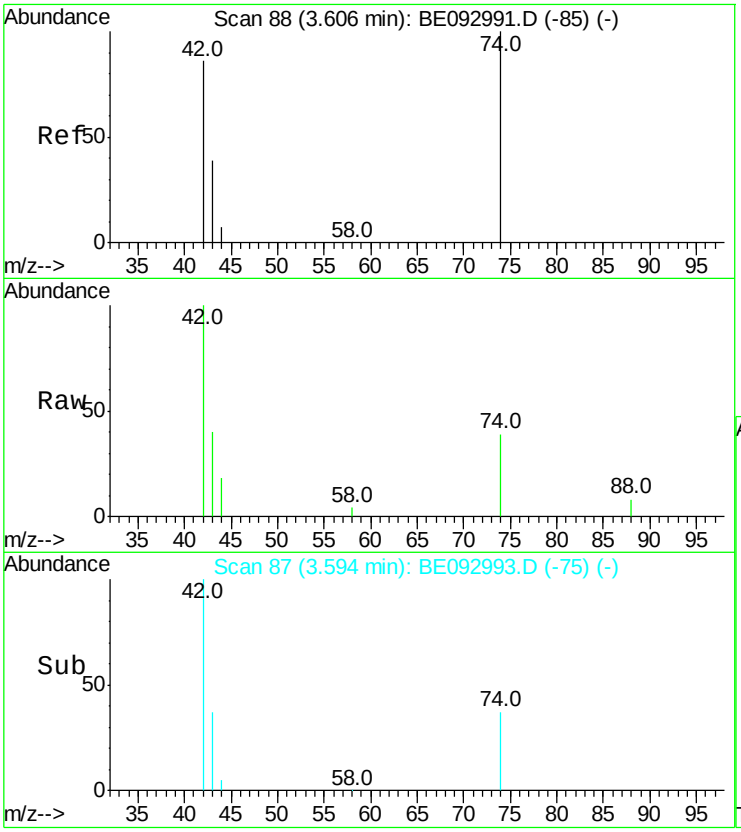


#2
1,4-Dioxane
Concen: 1.49 ng
RT: 3.30 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion: 88 Resp: 2354

Ion	Ratio	Lower	Upper
88	100		
58	80.6	62.2	93.4
43	30.8	23.2	34.8



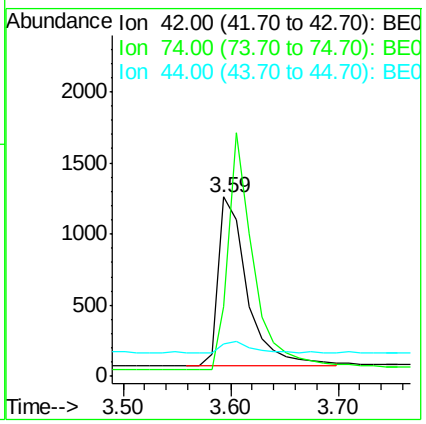


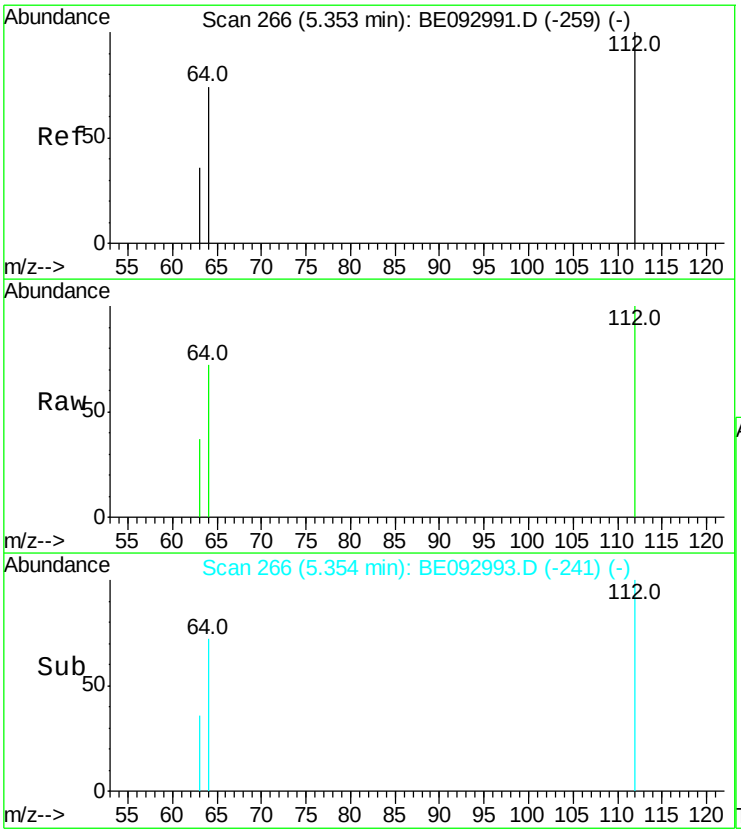
#3
n-Nitrosodimethylamine
Concen: 1.70 ng
RT: 3.59 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 2236

Ion	Ratio	Lower	Upper
42	100		
74	122.2	99.1	148.7
44	6.6	7.4	11.2#

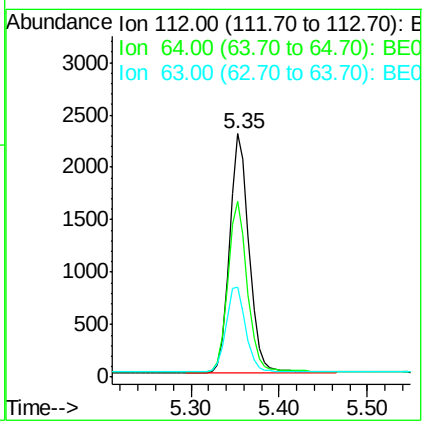


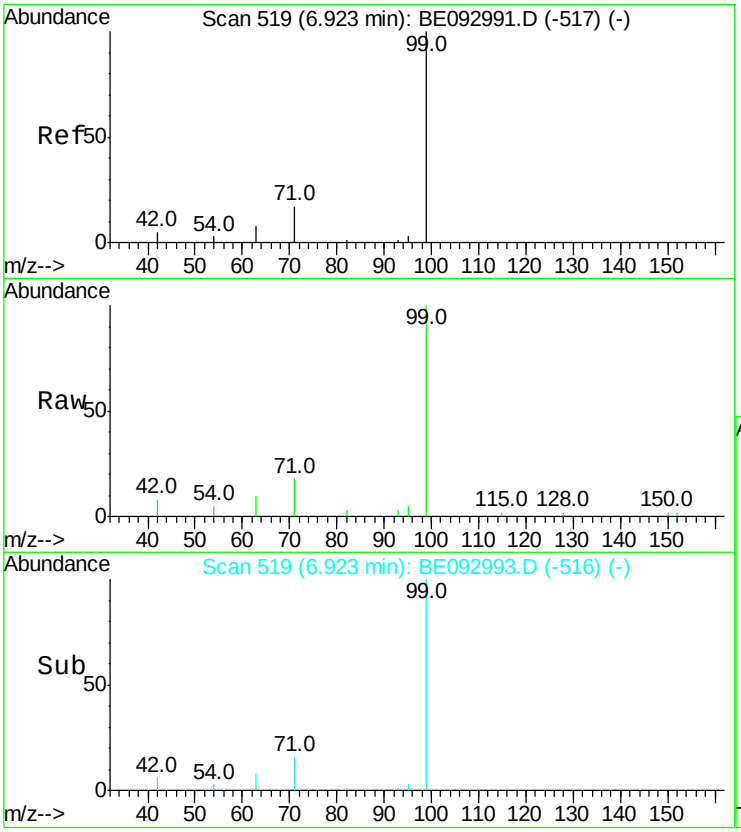


#4
2-Fluorophenol
Concen: 1.62 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:112 Resp: 3414

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.4	84.6
63	36.8	29.3	43.9



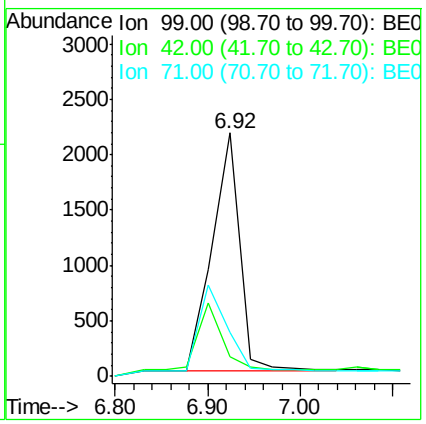


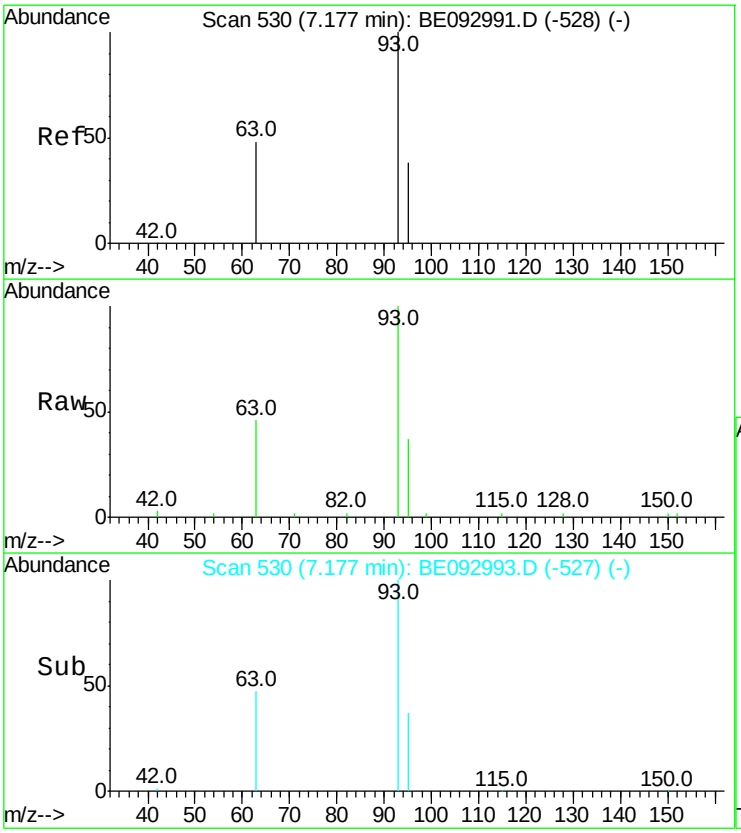
#5
Phenol-d6
Concen: 1.75 ng
RT: 6.92 min Scan# 519
Delta R.T. -0.02 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 4545

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

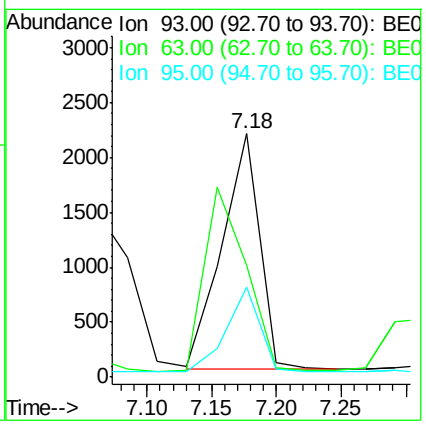


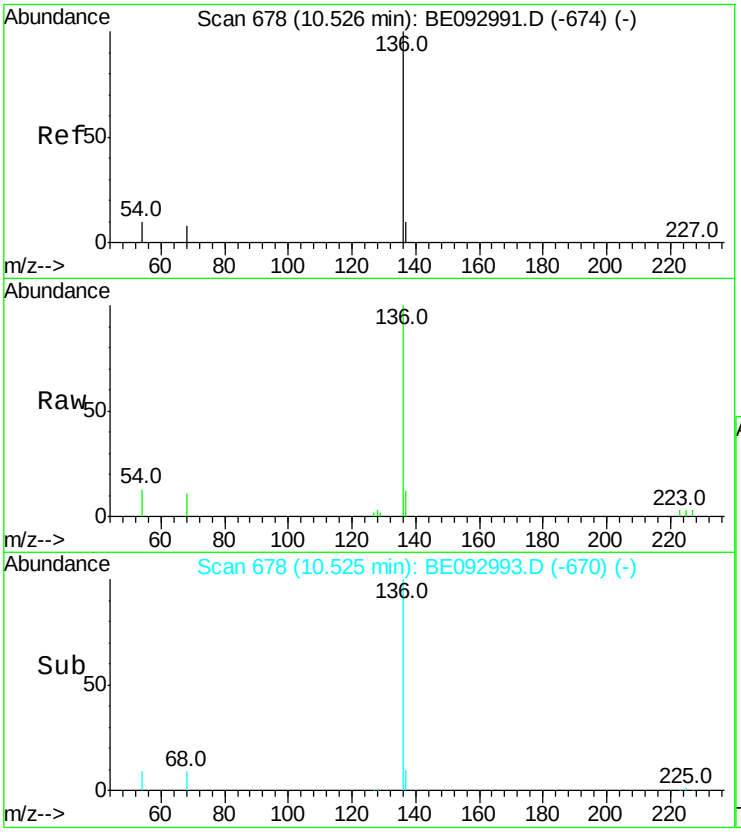


#6
bis(2-Chloroethyl)ether
Concen: 1.69 ng
RT: 7.18 min Scan# 530
Delta R.T. -0.02 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion: 93 Resp: 4358

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	32.2	25.4	38.0



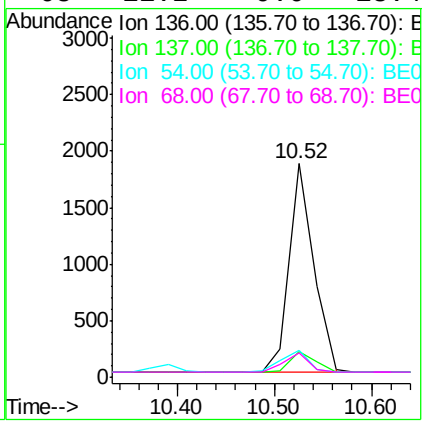


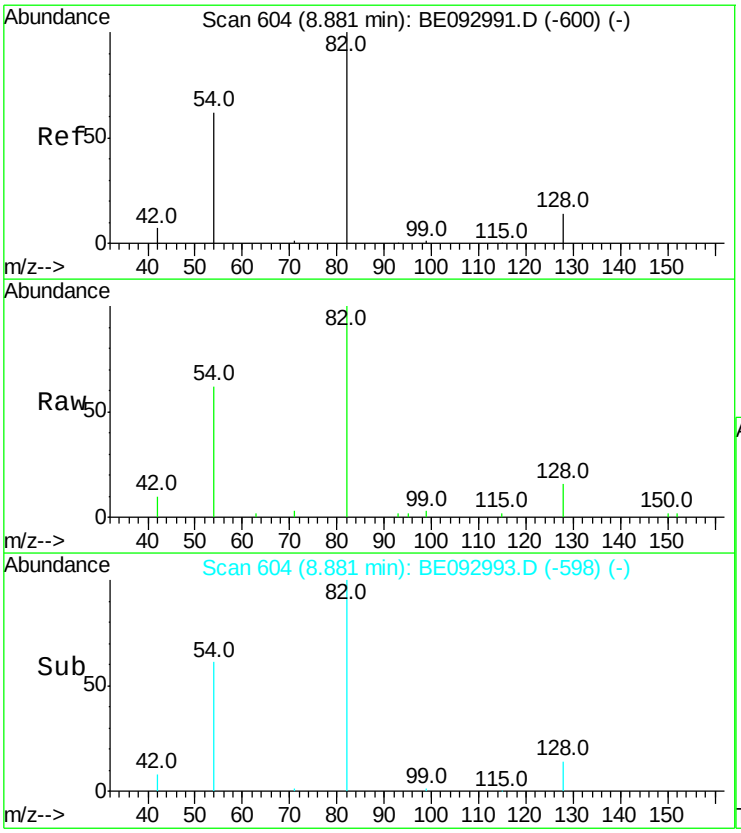
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.52 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 3281

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.8	14.8
54	12.8	10.3	15.5
68	11.2	9.0	13.4

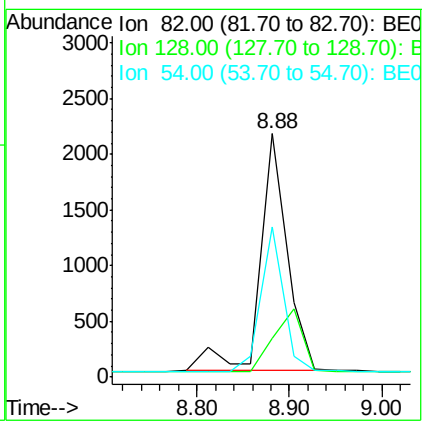


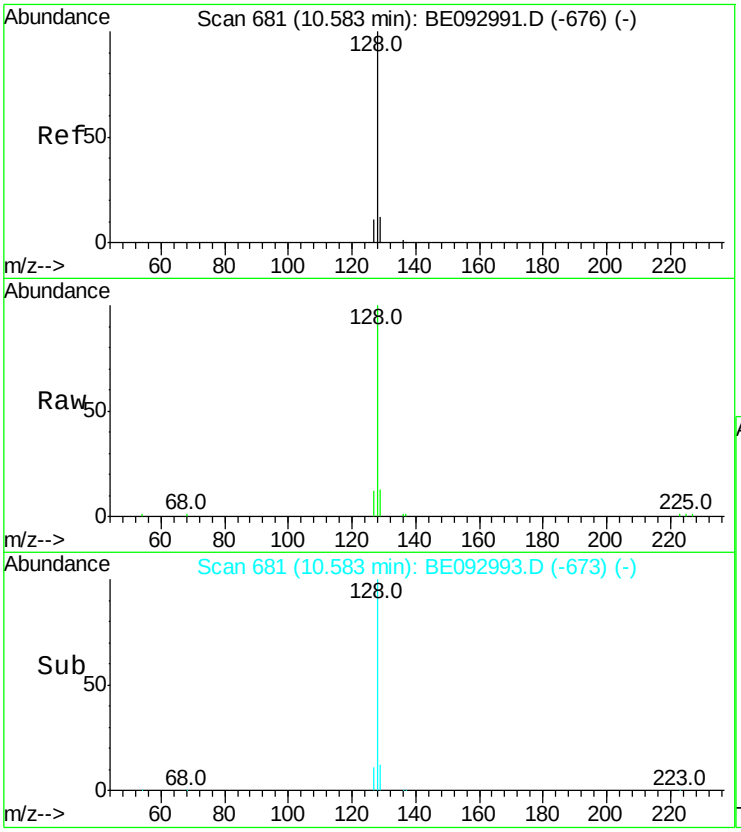


#8
Nitrobenzene-d5
Concen: 1.68 ng
RT: 8.88 min Scan# 604
Delta R.T. -0.02 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion: 82 Resp: 4272

Ion	Ratio	Lower	Upper
82	100		
128	16.0	17.0	25.4#
54	61.6	53.8	80.6



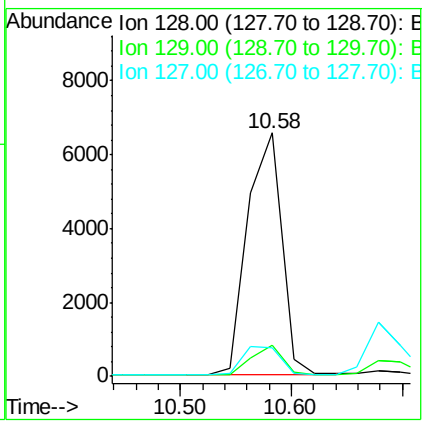


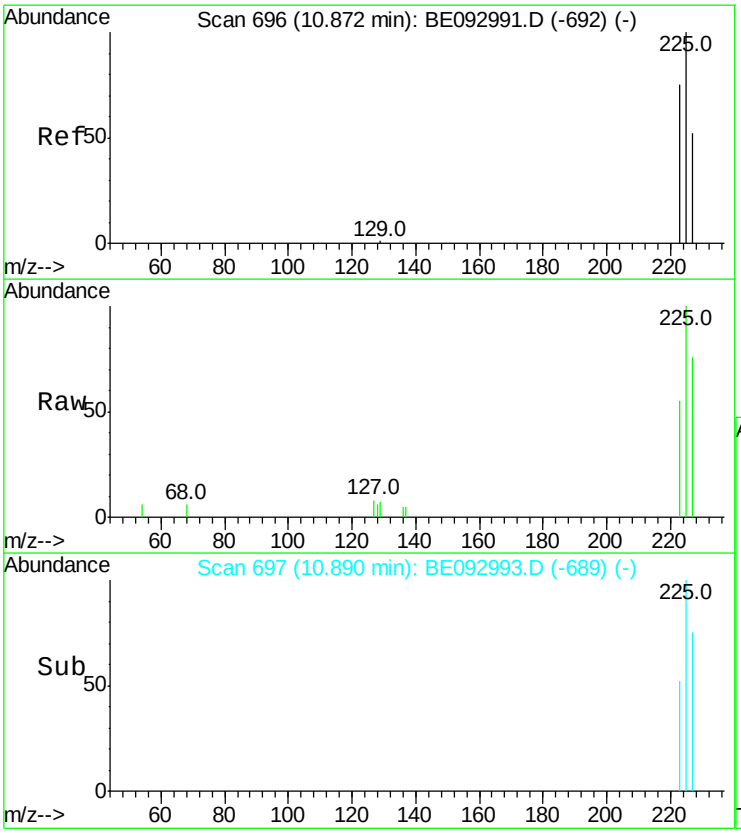
#9
Naphthalene
Concen: 1.59 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 13924

Ion	Ratio	Lower	Upper
128	100		
129	12.7	11.4	17.0
127	11.8	11.2	16.8

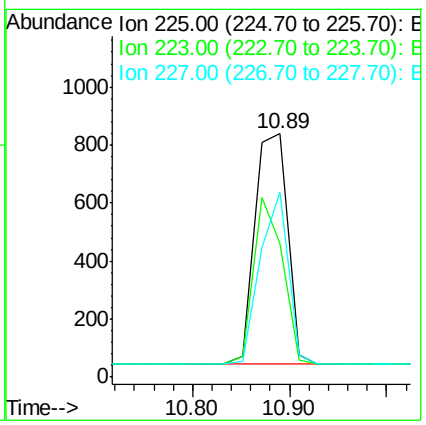


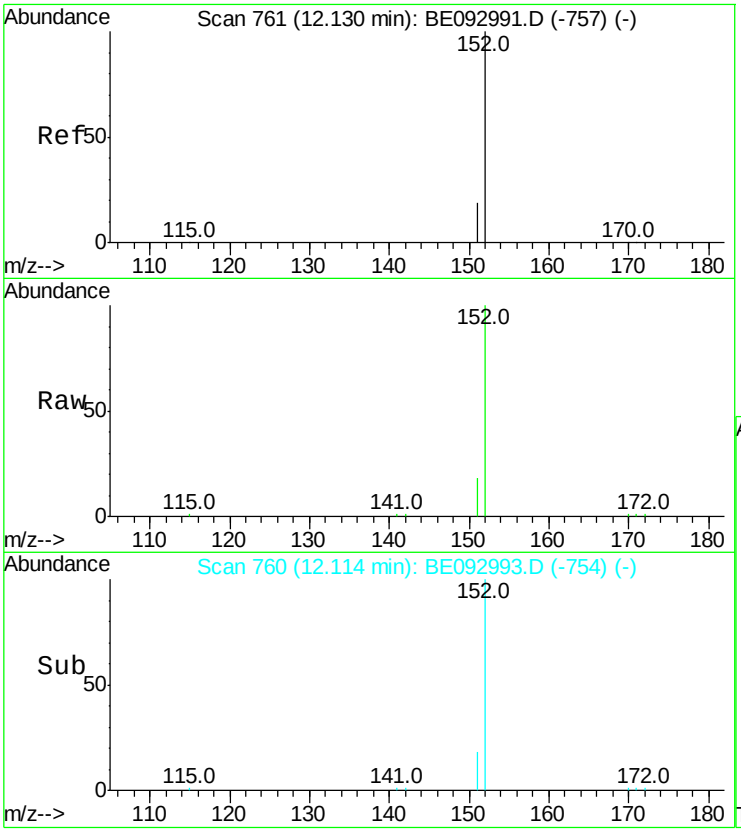


#10
Hexachlorobutadiene
Concen: 1.56 ng
RT: 10.89 min Scan# 697
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:225 Resp: 1874

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	64.0	50.3	75.5



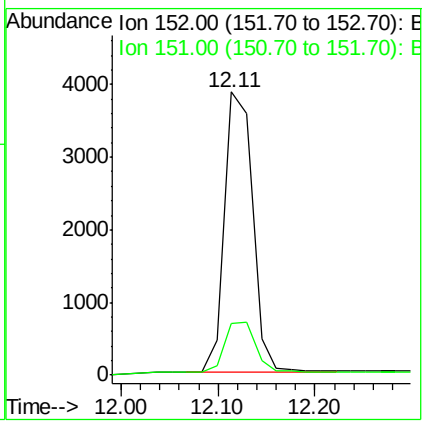


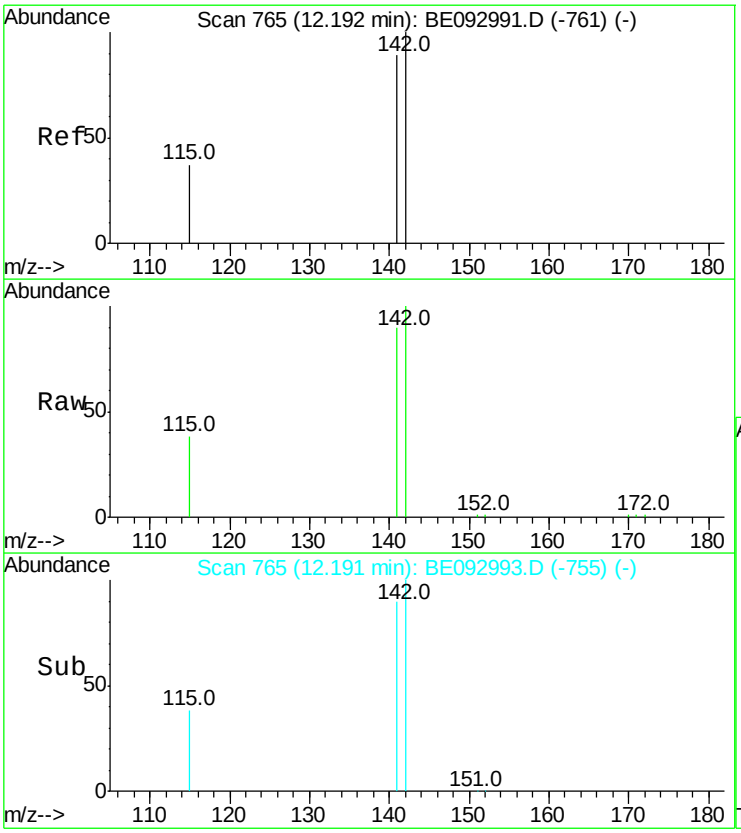
#11
2-Methylnaphthalene-d10
Concen: 1.70 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 7789

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

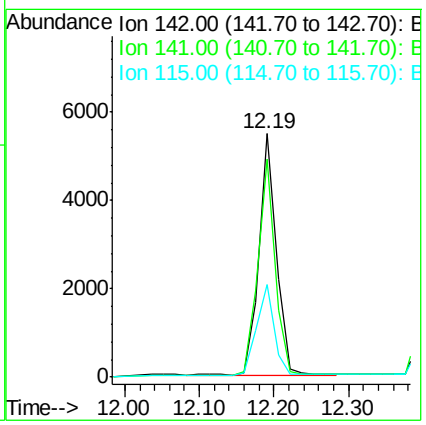


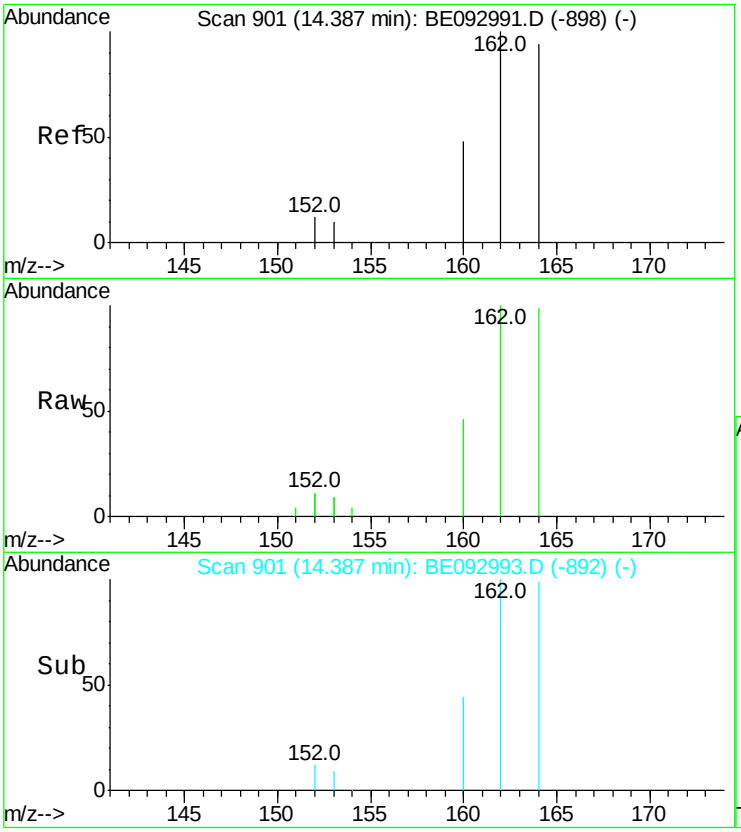


#12
2-Methylnaphthalene
Concen: 1.75 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:142 Resp: 8815

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8
115	38.1	32.2	48.2



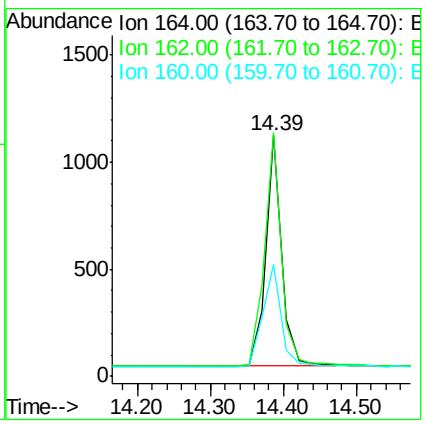


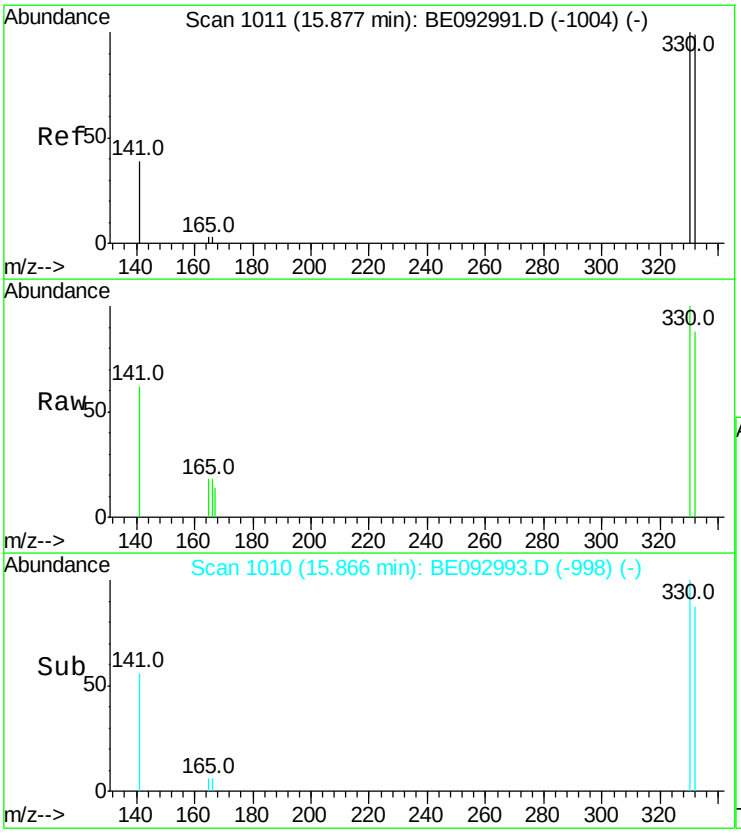
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 1656

Ion	Ratio	Lower	Upper
164	100		
162	101.1	84.6	127.0
160	46.6	41.8	62.6

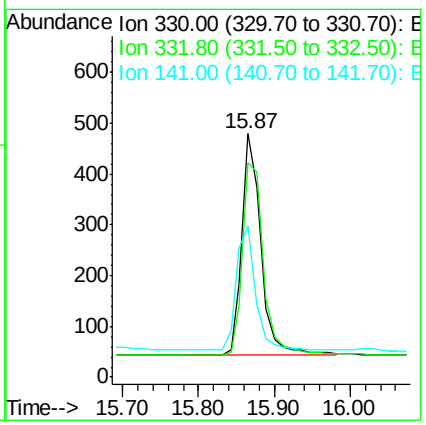


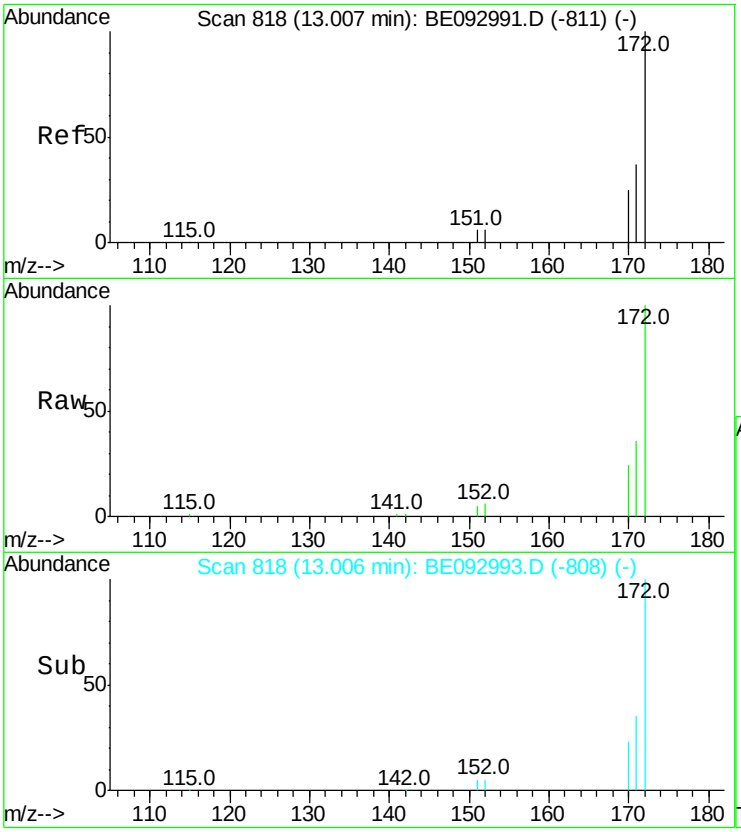


#14
2,4,6-Tribromophenol
Concen: 1.76 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:330 Resp: 764

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.7	116.5
141	57.3	56.2	84.4



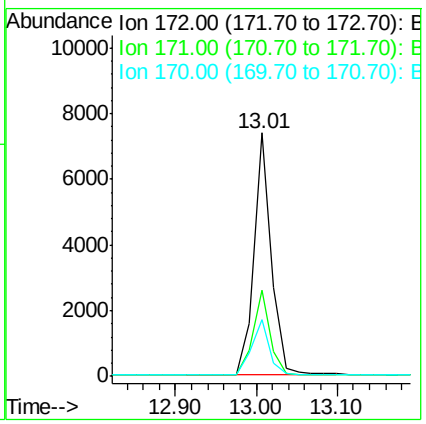


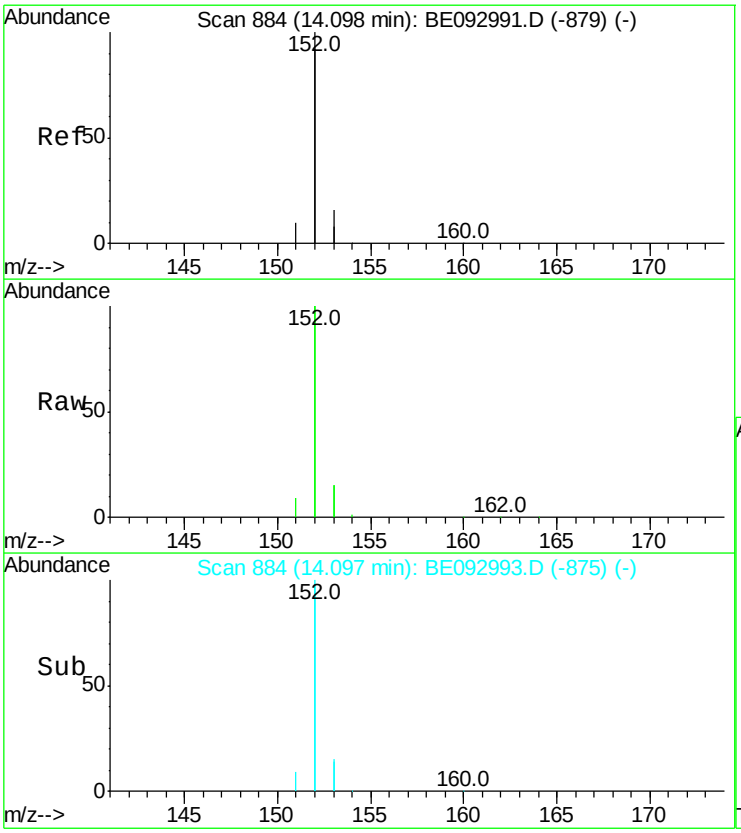
#15
2-Fluorobiphenyl
Concen: 1.71 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 11083

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.8	44.6
170	23.5	20.7	31.1

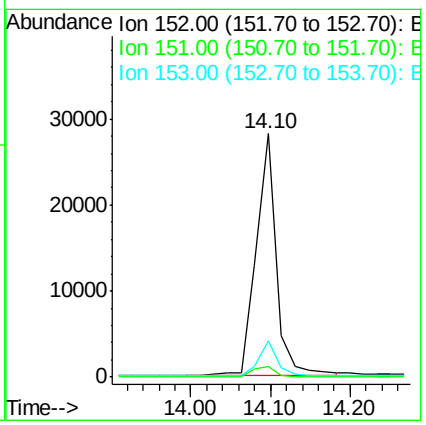


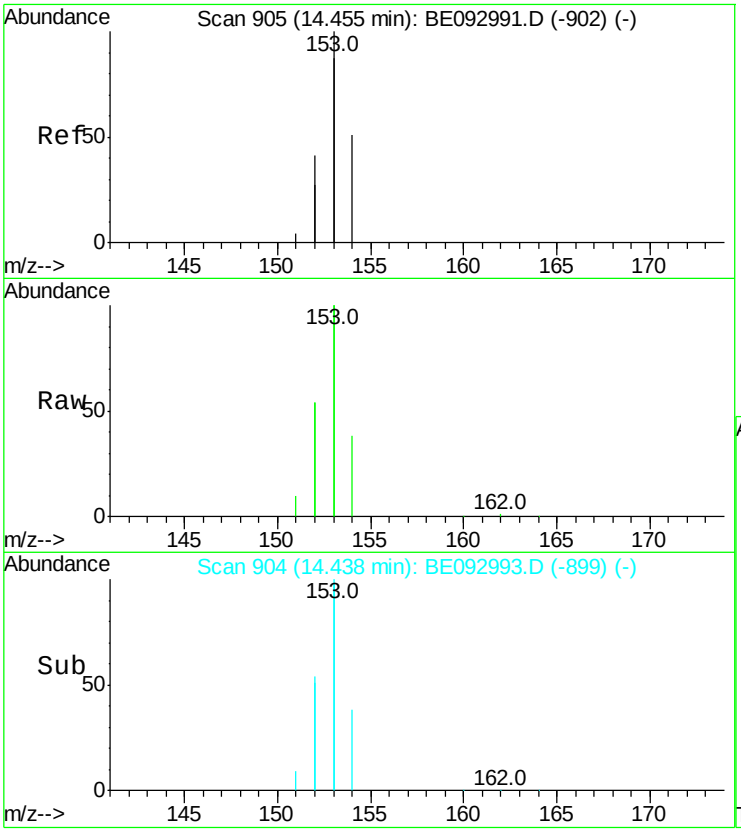


#16
Acenaphthylene
Concen: 1.83 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:152 Resp: 49575

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.1	10.3	15.5



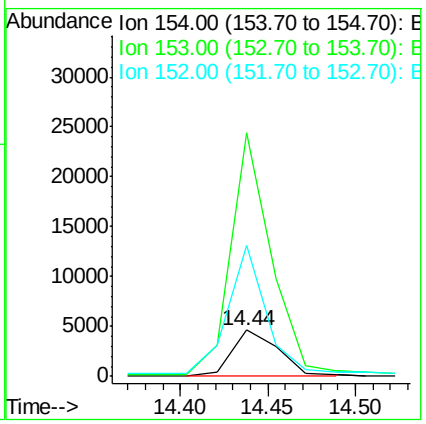


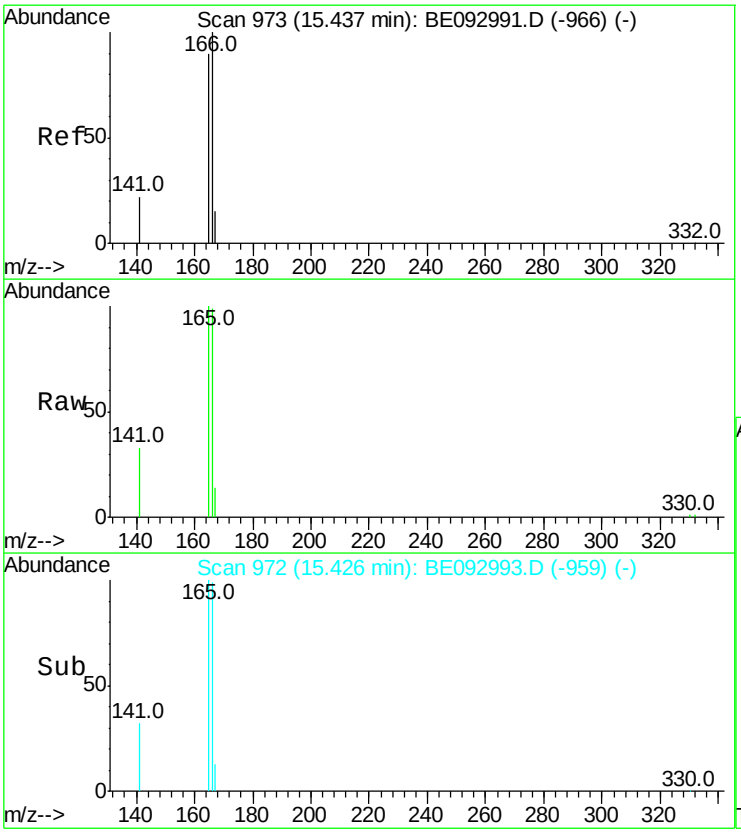
#17
Acenaphthene
Concen: 1.68 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 8455

Ion	Ratio	Lower	Upper
154	100		
153	459.3	367.8	551.6
152	232.7	188.2	282.2

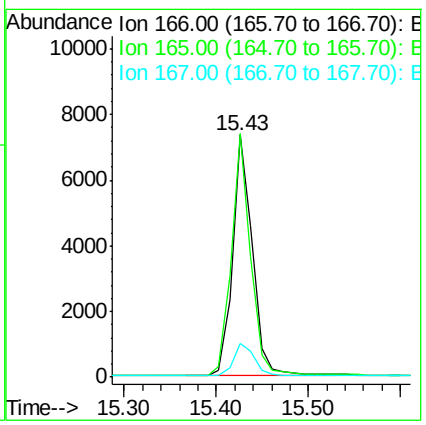


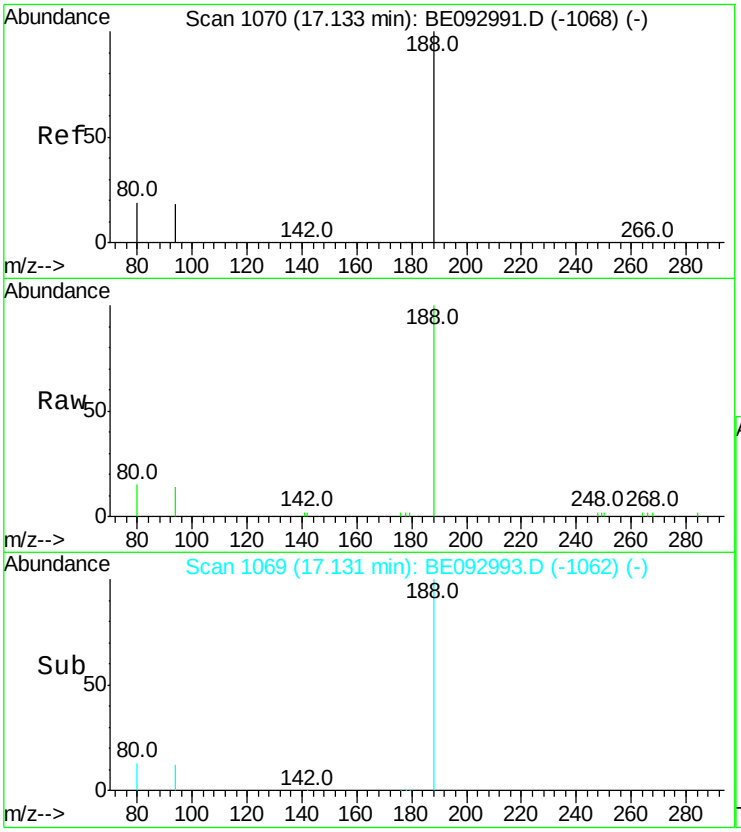


#18
Fluorene
Concen: 1.73 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:166 Resp: 10944

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.9	11.1	16.7



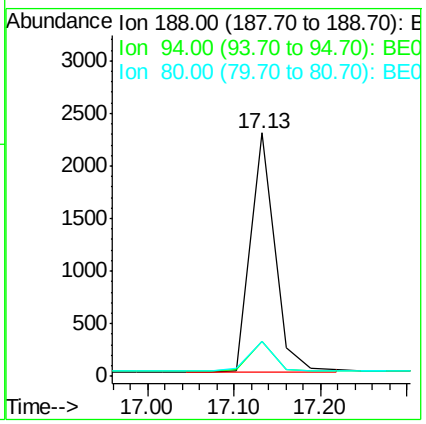


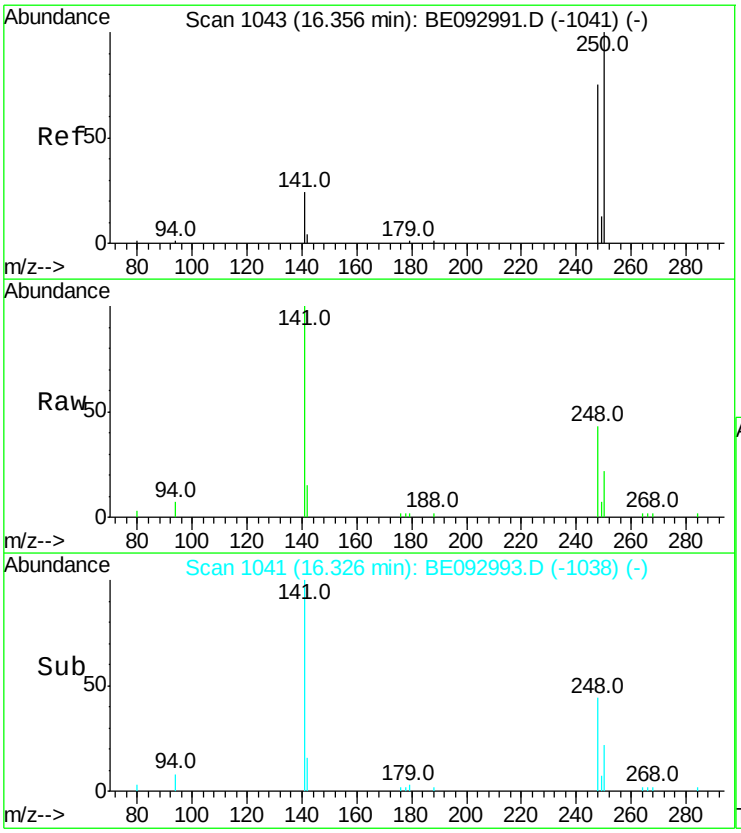
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 4393

Ion	Ratio	Lower	Upper
188	100		
94	14.1	11.3	16.9
80	14.6	11.7	17.5

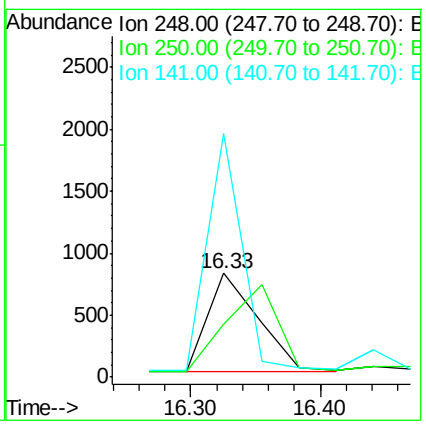


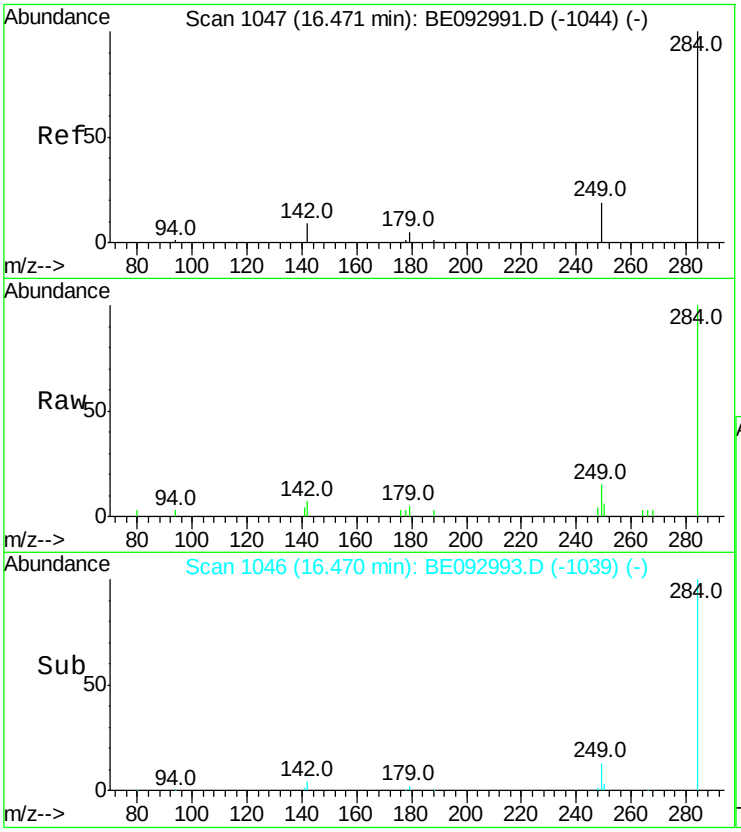


#20
4-Bromophenyl-phenylether
Concen: 1.52 ng
RT: 16.33 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:248 Resp: 2132

Ion	Ratio	Lower	Upper
248	100		
250	51.1	100.0	150.0#
141	234.2	40.0	60.0#



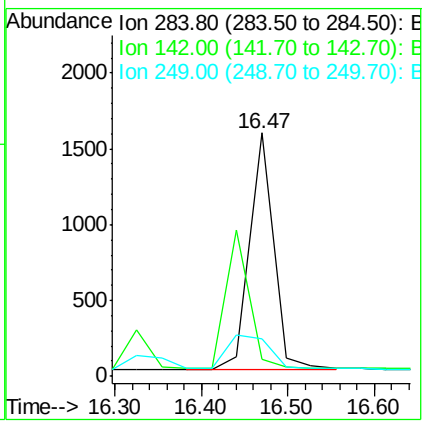


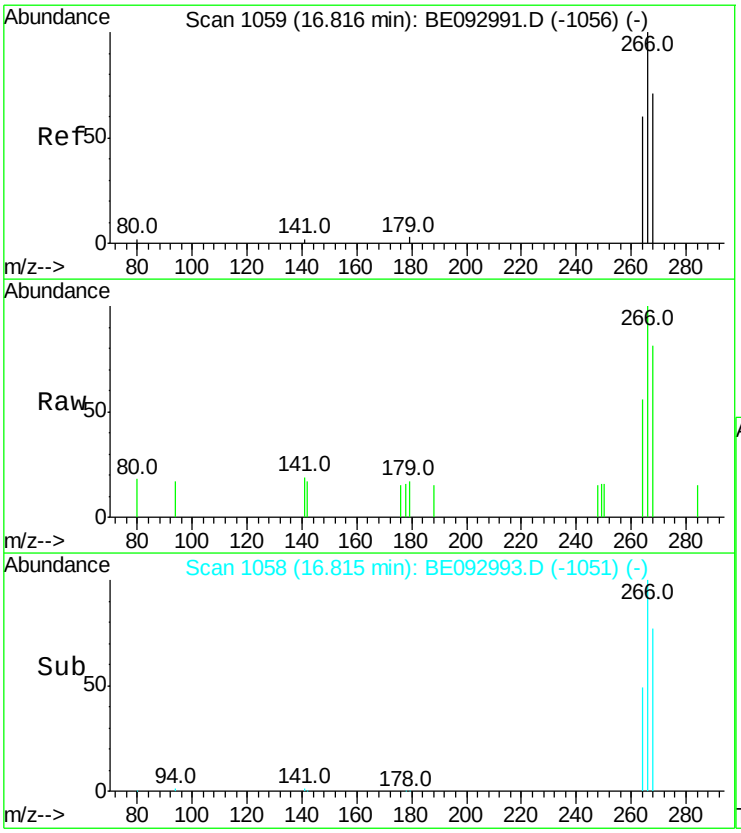
#21
Hexachlorobenzene
Concen: 1.38 ng
RT: 16.47 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 3023

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

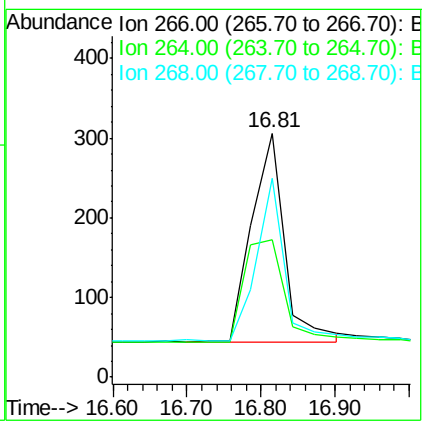


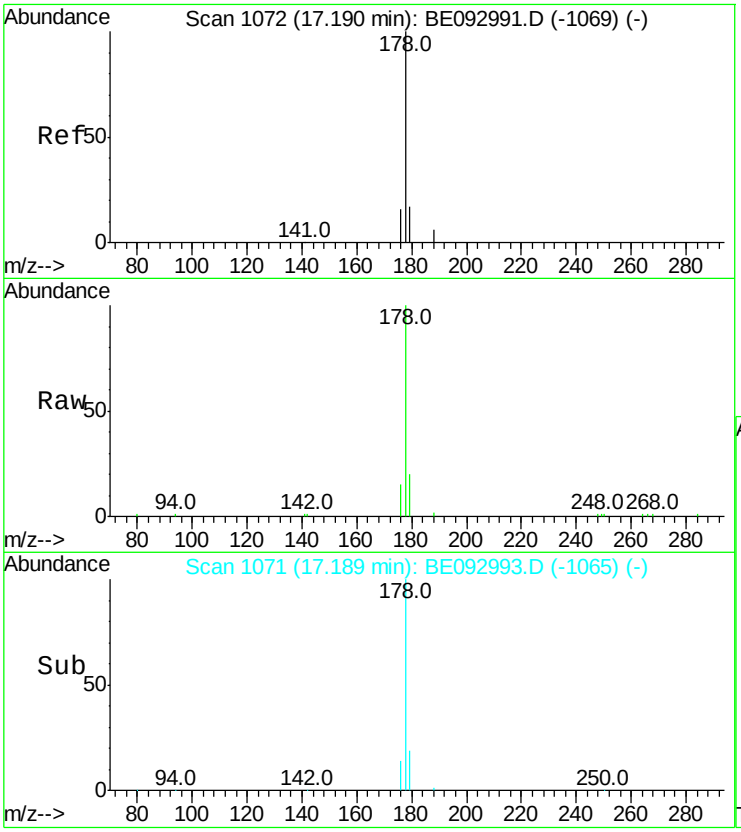


#22
Pentachlorophenol
Concen: 1.24 ng
RT: 16.81 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:266 Resp: 820

Ion	Ratio	Lower	Upper
266	100		
264	56.2	58.2	87.2#
268	81.4	71.9	107.9



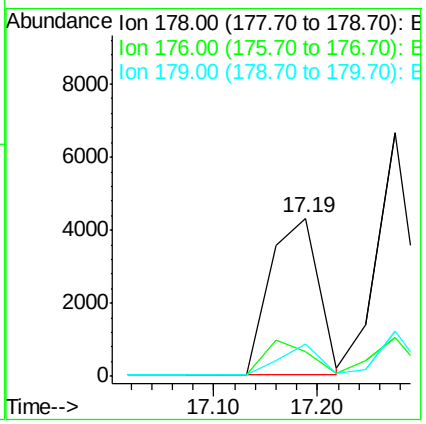


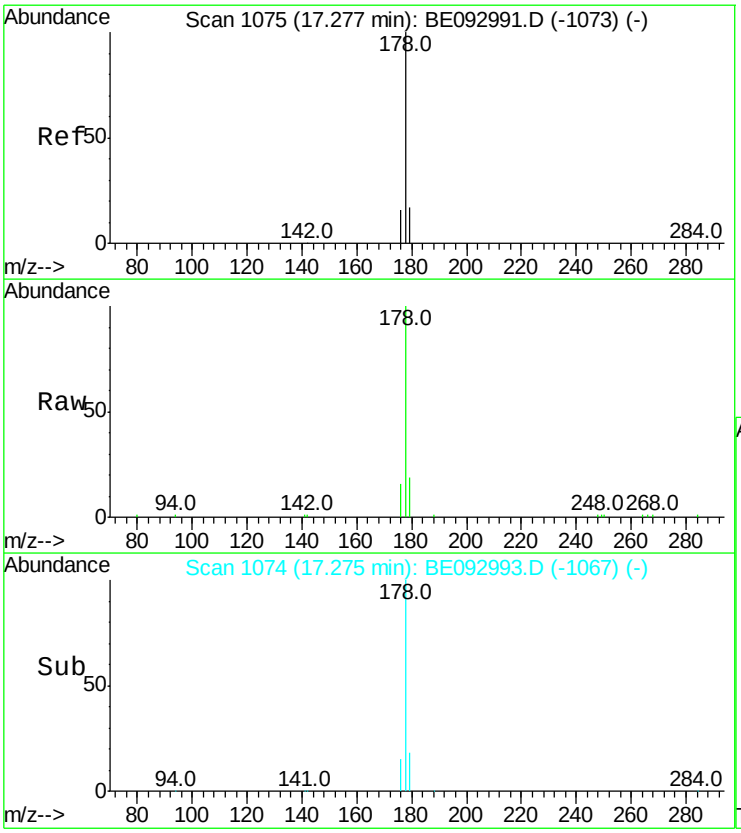
#23
Phenanthrene
Concen: 1.25 ng
RT: 17.19 min Scan# 1071
Delta R.T. 0.01 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 13758

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	15.7	12.7	19.1

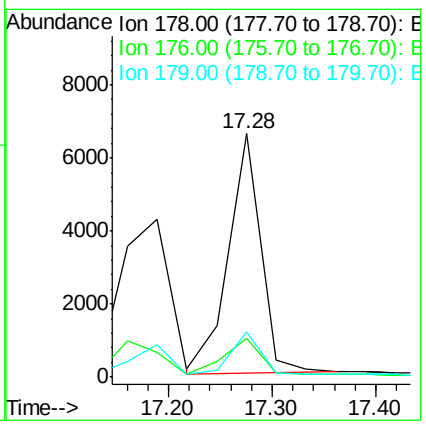


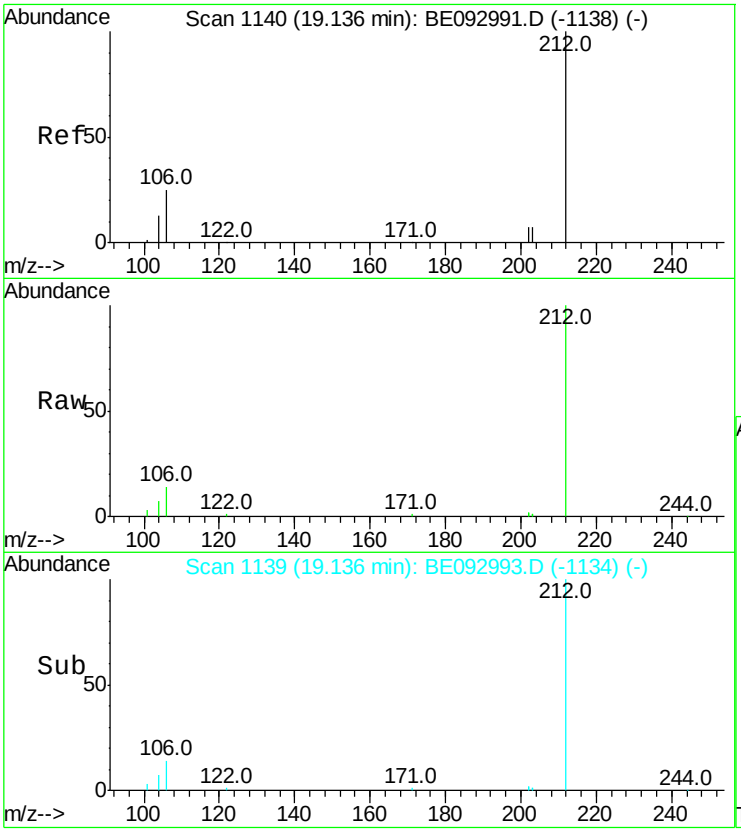


#24
Anthracene
Concen: 1.52 ng
RT: 17.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:178 Resp: 14329

Ion	Ratio	Lower	Upper
178	100		
176	17.2	14.6	22.0
179	16.7	12.0	18.0



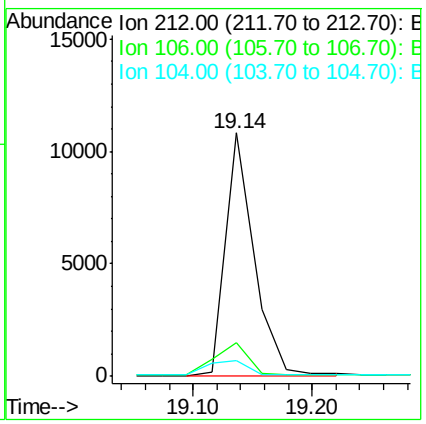


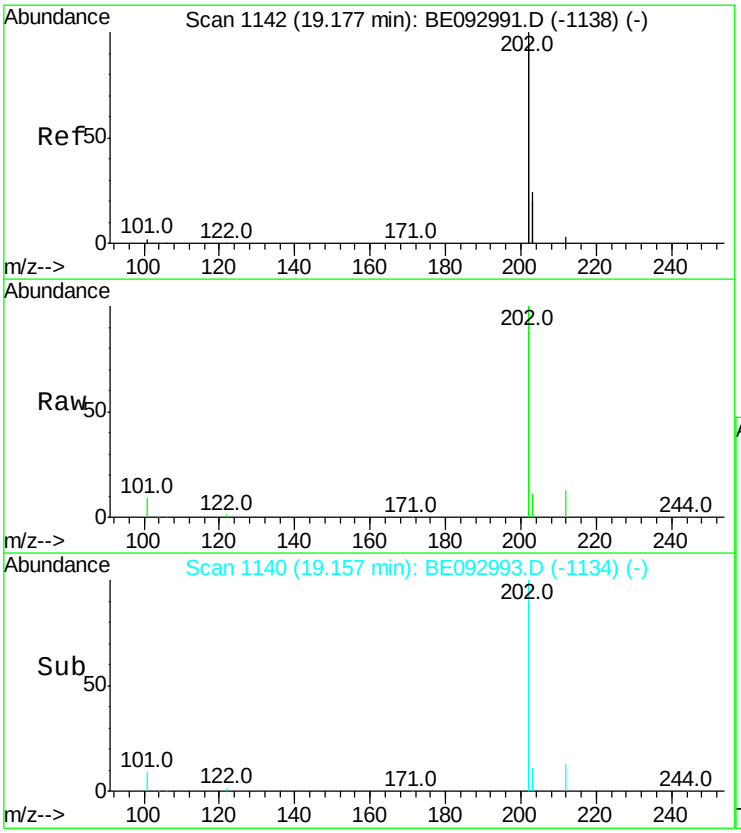
#25
Fluoranthene-d10
Concen: 1.53 ng
RT: 19.14 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 17876

Ion	Ratio	Lower	Upper
212	100		
106	16.0	0.0	0.0#
104	8.6	0.0	0.0#

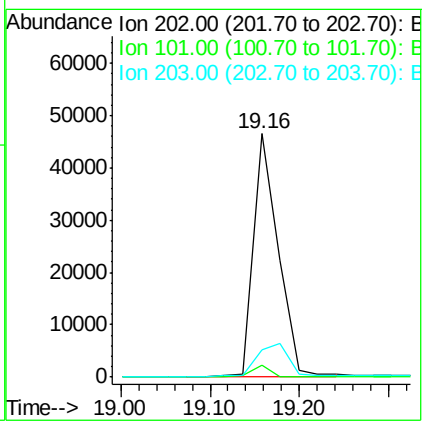


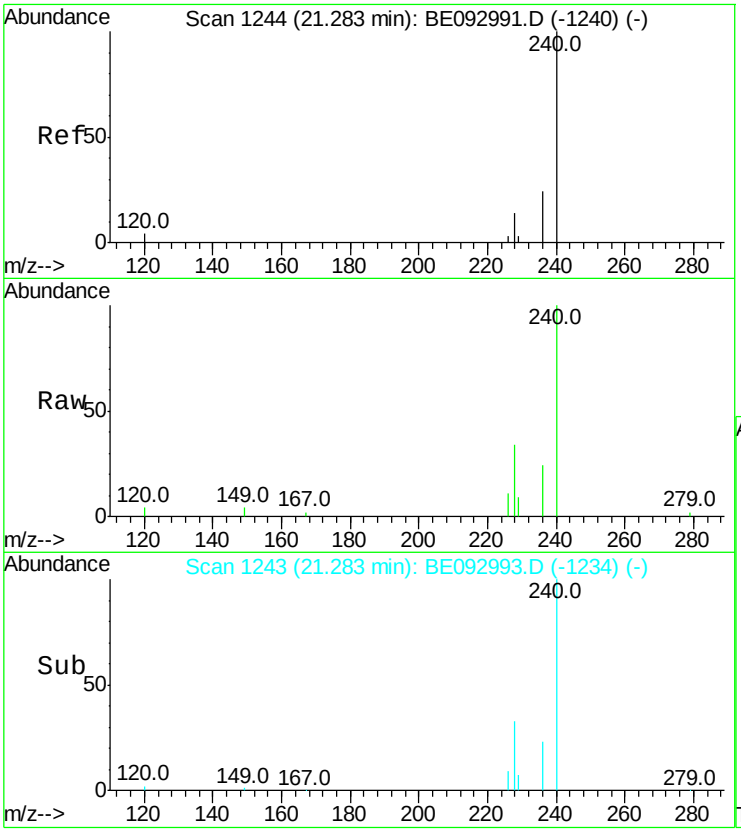


#26
Fluoranthene
Concen: 1.55 ng
RT: 19.16 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:202 Resp: 88859

Ion	Ratio	Lower	Upper
202	100		
101	3.6	0.0	0.0#
203	0.0	14.4	21.6#



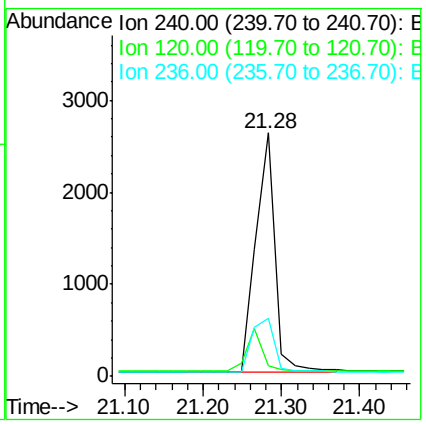


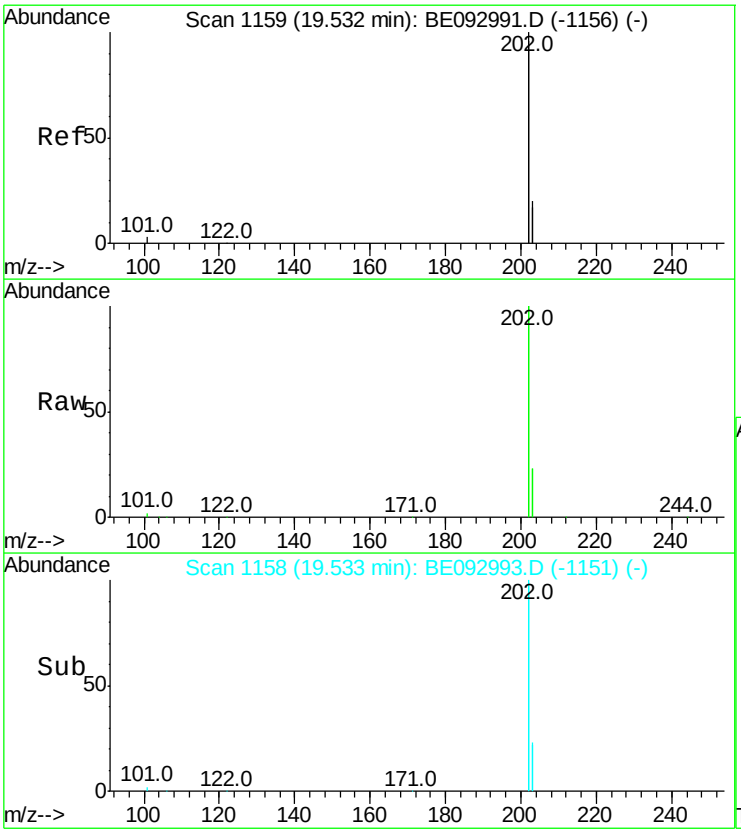
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 4489

Ion	Ratio	Lower	Upper
240	100		
120	4.2	4.6	7.0#
236	23.9	20.8	31.2

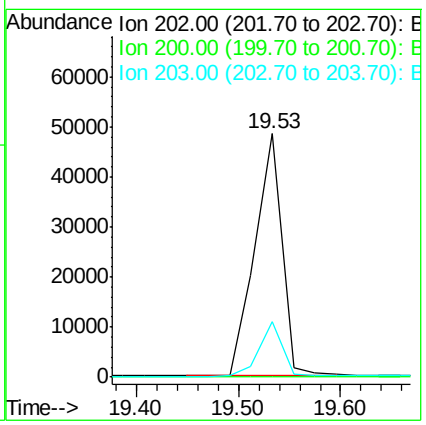


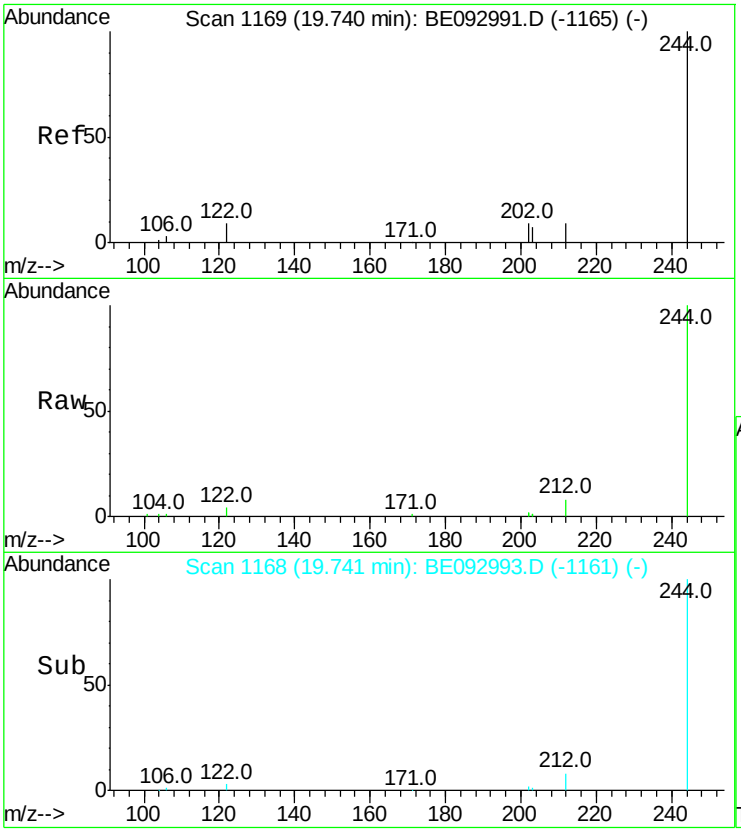


#28
Pyrene
Concen: 1.56 ng
RT: 19.53 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:202 Resp: 89174

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.6	13.7	20.5



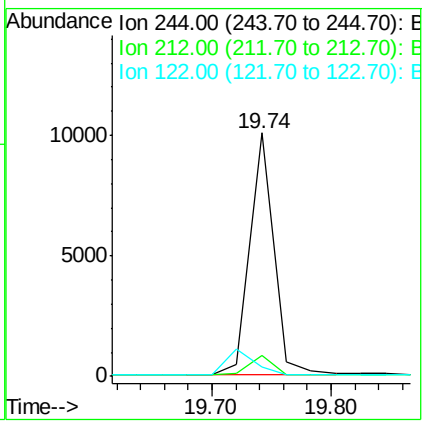


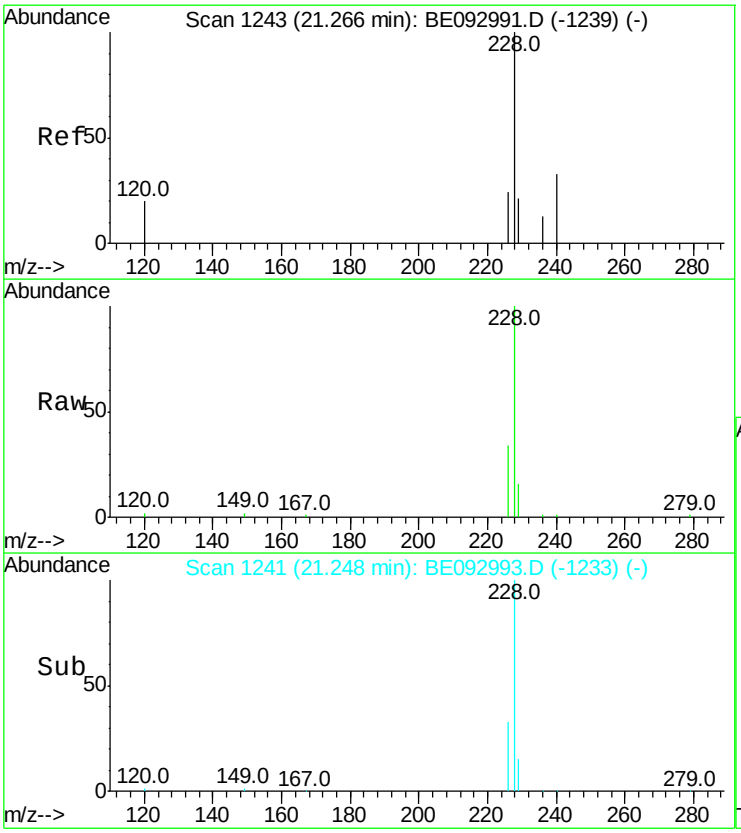
#29
Terphenyl-d14
Concen: 1.81 ng
RT: 19.74 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 14196

Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.6	16.0#
122	3.8	15.4	23.0#

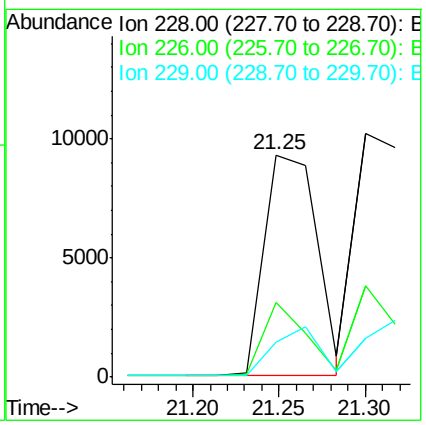


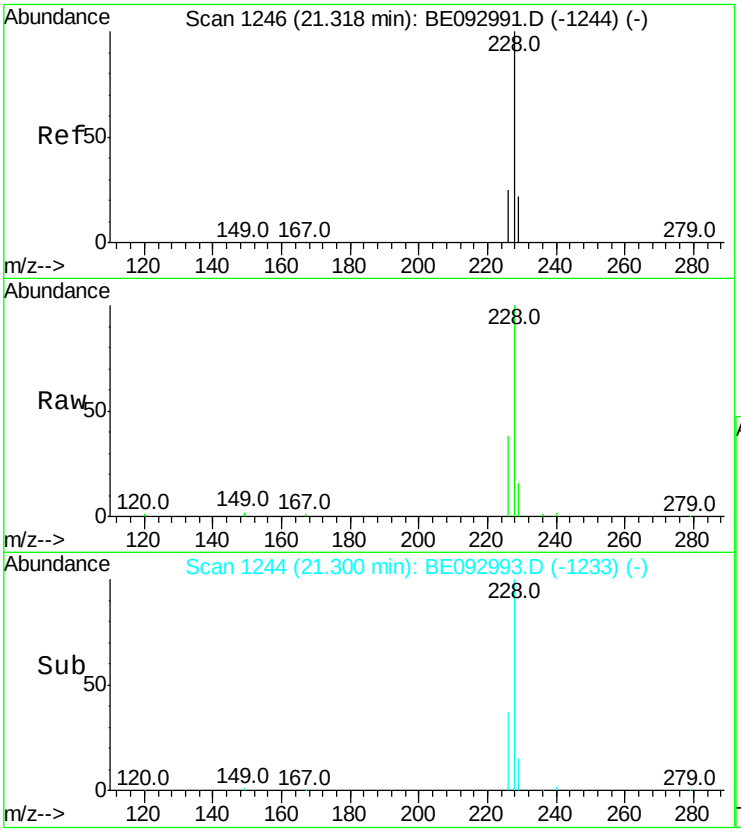


#30
Benzo(a)anthracene
Concen: 1.84 ng
RT: 21.25 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:228 Resp: 19800

Ion	Ratio	Lower	Upper
228	100		
226	33.8	19.7	29.5#
229	15.8	19.2	28.8#



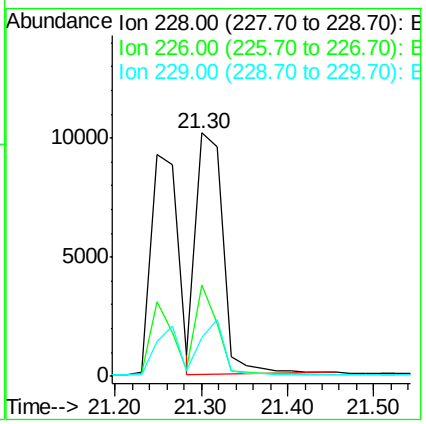


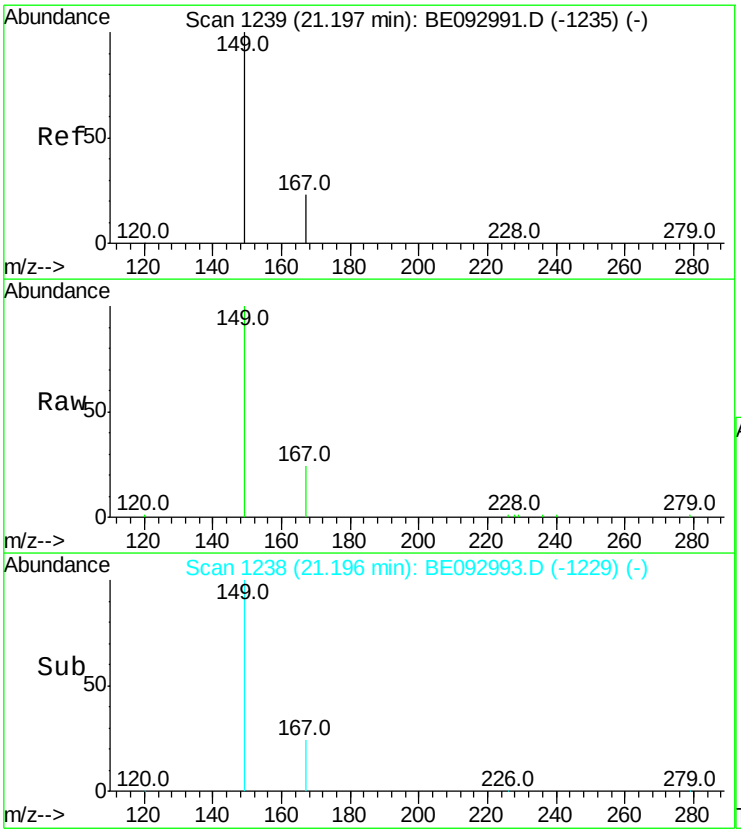
#31
Chrysene
Concen: 1.59 ng
RT: 21.30 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 22080

Ion	Ratio	Lower	Upper
228	100		
226	37.6	21.5	32.3#
229	15.7	18.6	28.0#

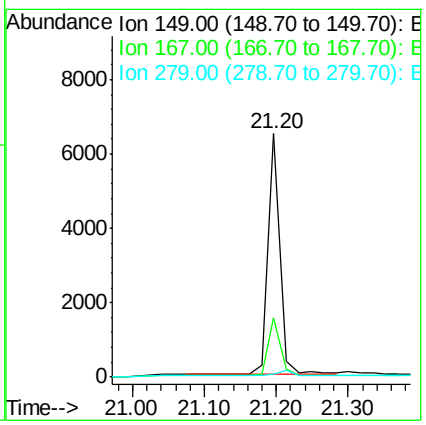


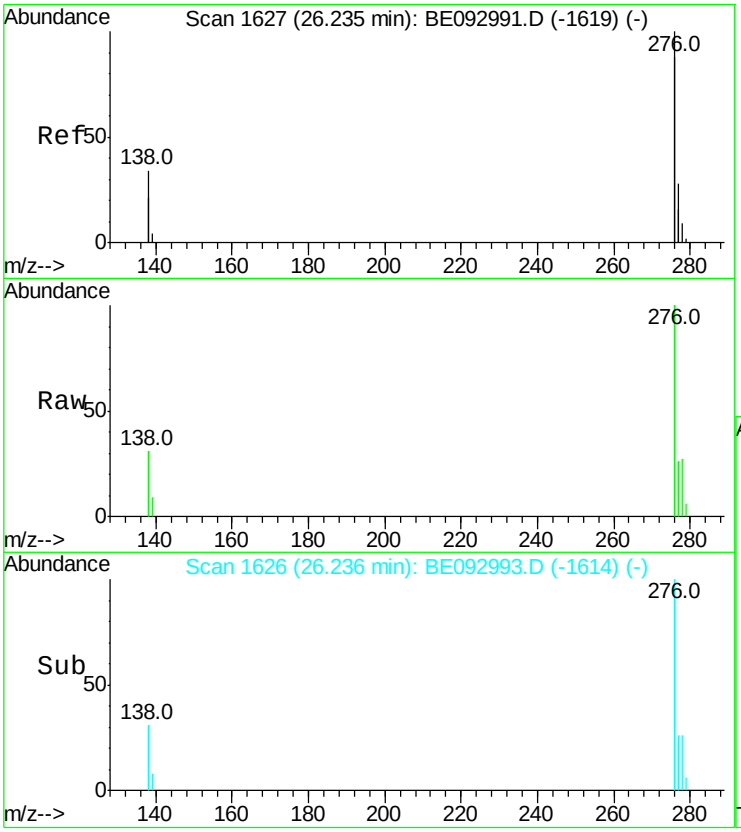


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.59 ng
RT: 21.20 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:149 Resp: 7518

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.1	30.1
279	2.3	2.2	3.4



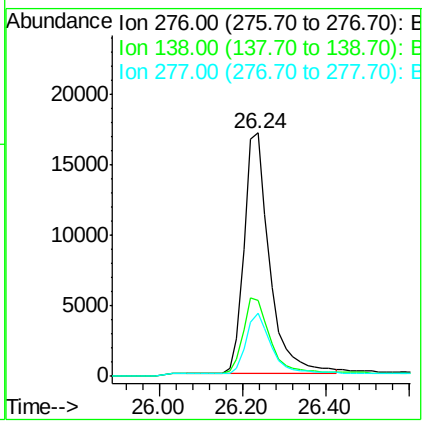


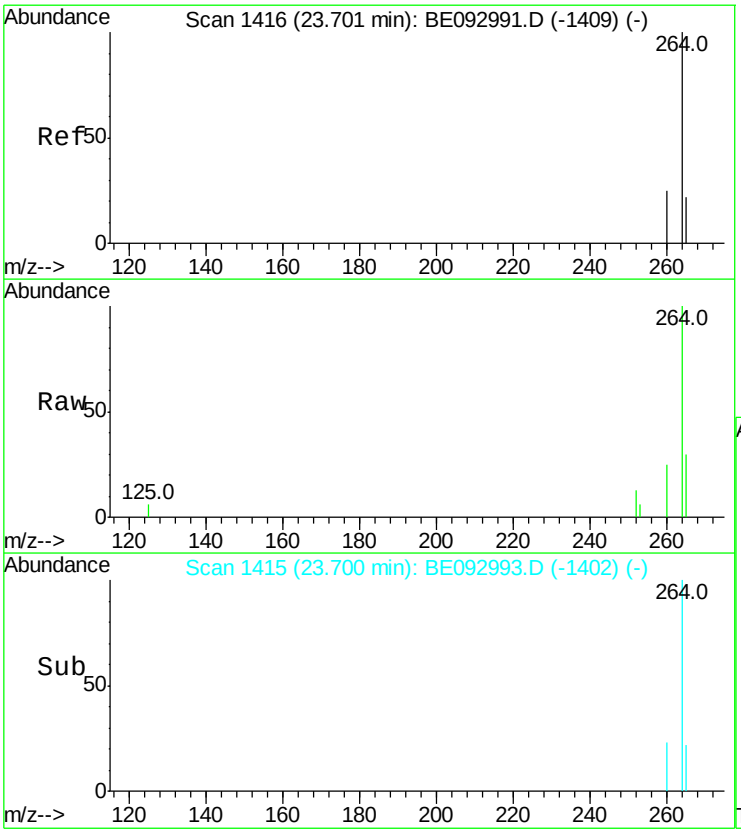
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.69 ng
RT: 26.24 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 73600

Ion	Ratio	Lower	Upper
276	100		
138	33.3	27.4	41.2
277	24.8	20.1	30.1

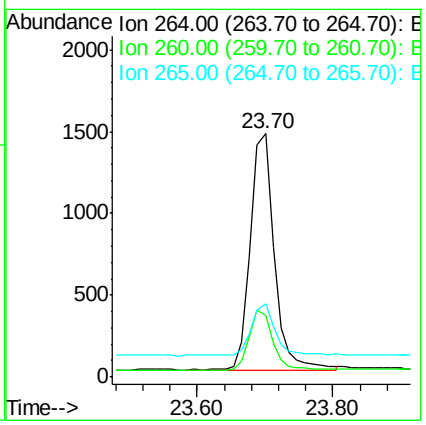


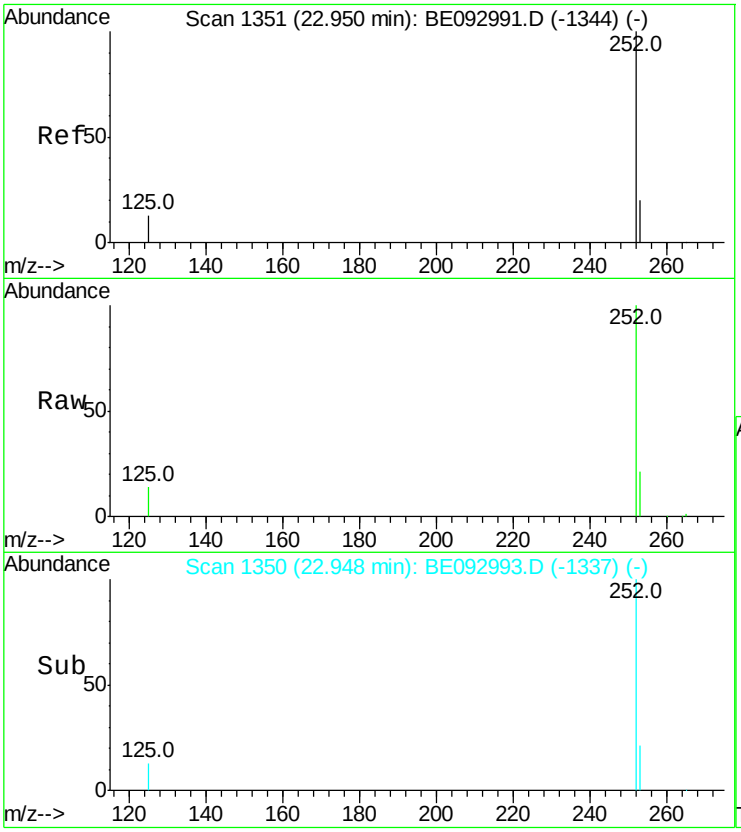


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:264 Resp: 3473

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.0	31.4
265	30.2	24.6	36.8



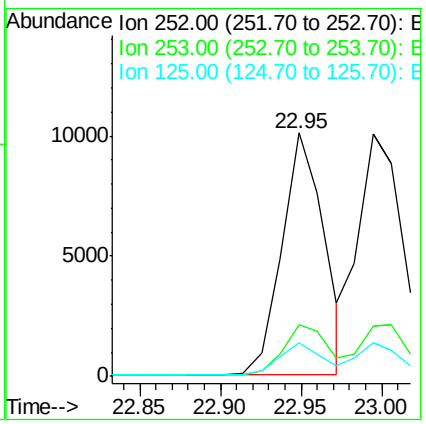


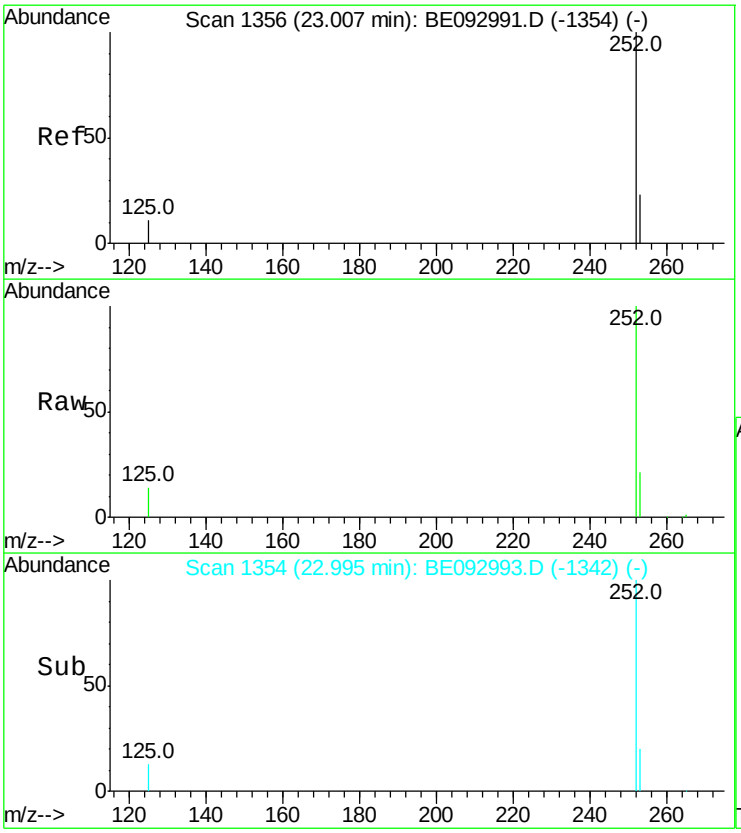
#35
Benzo(b)fluoranthene
Concen: 1.66 ng
RT: 22.95 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 18377

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.5	27.7
125	13.8	13.4	20.0

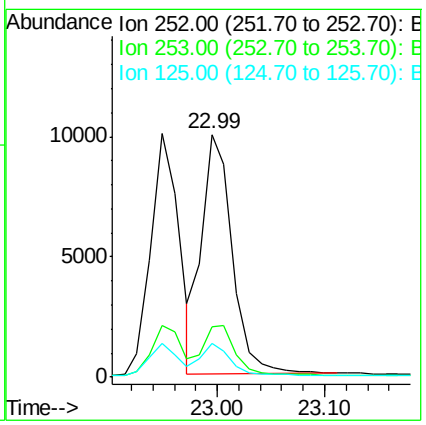


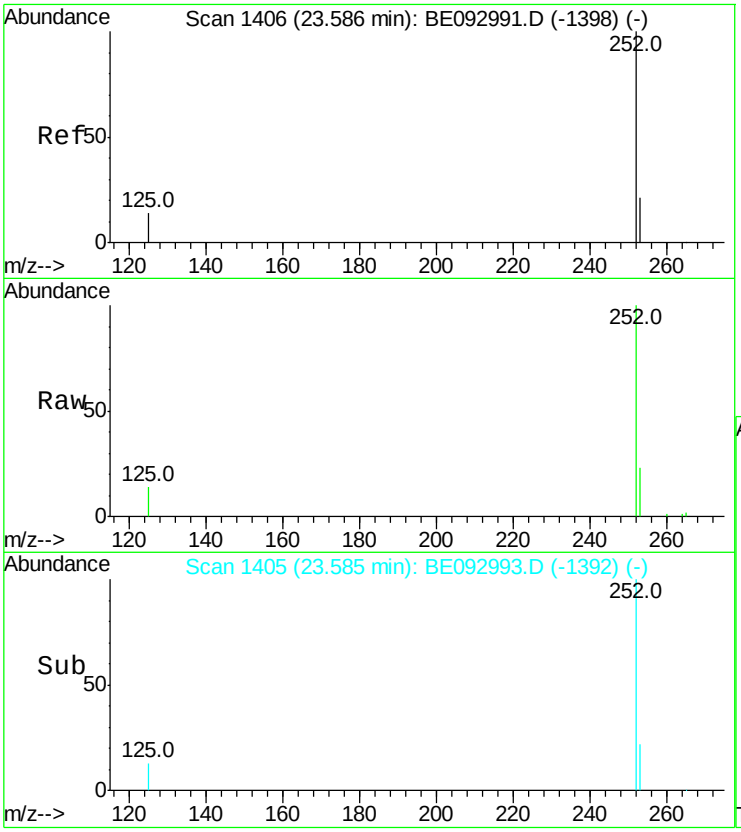


#36
Benzo(k)fluoranthene
Concen: 1.81 ng
RT: 22.99 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:252 Resp: 19801

Ion	Ratio	Lower	Upper
252	100		
253	20.6	20.3	30.5
125	14.0	12.2	18.4



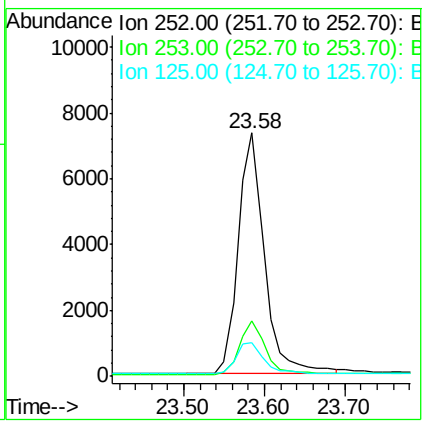


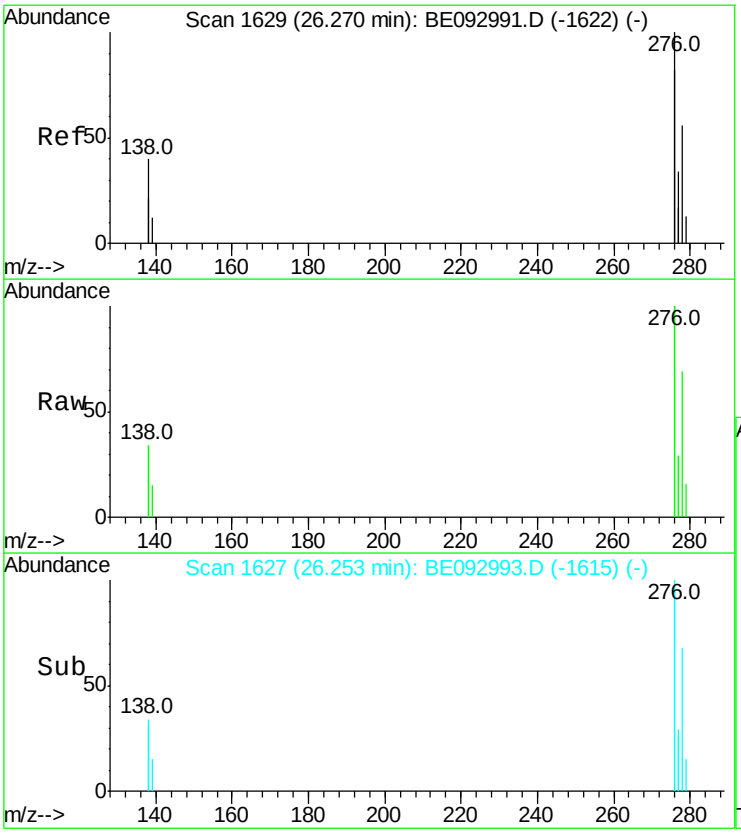
#37
Benzo(a)pyrene
Concen: 1.73 ng
RT: 23.58 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 16499

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.9	29.9
125	14.1	14.6	21.8#

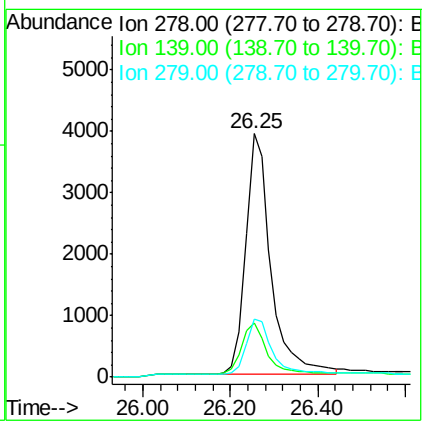


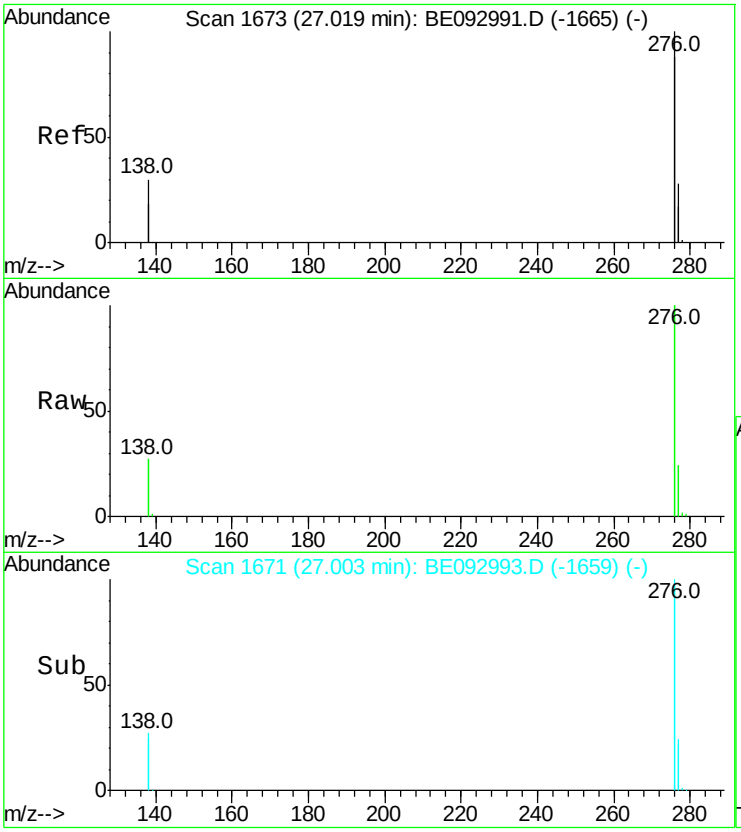


#38
Dibenzo(a,h)anthracene
Concen: 1.82 ng
RT: 26.25 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Tgt Ion:278 Resp: 15701

Ion	Ratio	Lower	Upper
278	100		
139	22.4	21.4	32.0
279	23.6	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 1.71 ng
RT: 27.00 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE092993.D
Acq: 11 May 2017 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 68167

Ion	Ratio	Lower	Upper
276	100		
277	24.4	21.2	31.8
138	27.1	24.5	36.7