Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062217\

Quantitation Report (Not Reviewed)

Data File : BE093332.D
Acq On : 22 Jun 2017 17:25
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 23 07:12:43 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	206	0.40	ng		-0.02
7) Naphthalene-d8	10.51	136	1086	0.40	ng		-0.02
13) Acenaphthene-d10	14.37	164	641	0.40	ng		0.00
19) Phenanthrene-d10	17.10	188	1269	0.40	ng		-0.03
27) Chrysene-d12	21.25	240	1538	0.40	ng		-0.02
34) Perylene-d12	23.65	264	1242	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	274	0.45	ng		0.00
5) Phenol-d6	6.90	99	954	1.07	ng		0.00
8) Nitrobenzene-d5	8.86	82	399	0.46	ng		-0.02
11) 2-Methylnaphthalene-d10	12.10	152	760	0.47	ng		-0.01
14) 2,4,6-Tribromophenol	15.85	330	78	0.53	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	1101	0.40	ng		0.00
25) Fluoranthene-d10	19.11	212	2507	0.60	ng		0.00
29) Terphenyl-d14	19.72	244	1298	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	161	0.35	ng		99
3) n-Nitrosodimethylamine	3.58	42	152	0.39	ng	#	94
6) bis(2-Chloroethyl)ether	7.15	93	319	0.41	ng	#	97
9) Naphthalene	10.56	128	1223	0.42	ng	#	90
10) Hexachlorobutadiene	10.85	225	163	0.41	ng		94
12) 2-Methylnaphthalene	12.18	142	826	0.46	ng		93
16) Acenaphthylene	14.08	152	5043	0.45	ng		100
17) Acenaphthene	14.42	154	880	0.42	ng		95
18) Fluorene	15.40	166	1079	0.43	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	188	0.24	ng	#	88
21) Hexachlorobenzene	16.44	284	352	0.52	ng	#	100
22) Pentachlorophenol	16.79	266	104	0.47	ng		91
23) Phenanthrene	17.16	178	1864	0.33	ng		97
24) Anthracene	17.25	178	1935	0.40	ng		98
26) Fluoranthene	19.14	202	8116	0.39	ng	#	59
28) Pyrene	19.51	202	8105	0.43	ng	#	96
30) Benzo(a)anthracene	21.23	228	1962	0.47	ng	#	91
31) Chrysene	21.23	228	1962	0.44	ng		94
32) Bis(2-ethylhexyl)phthalate	21.16	149	842	0.50	ng		99
33) Indeno(1,2,3-cd)pyrene	26.17	276	7042	0.43	ng		100
35) Benzo(b)fluoranthene	22.91	252	1684	0.42	ng		95
36) Benzo(k)fluoranthene	22.96	252	1745	0.45	ng	#	95
37) Benzo(a)pyrene	23.55	252	1530	0.44	ng		94
38) Dibenzo(a,h)anthracene	26.20	278	1542	0.43	ng		96
39) Benzo(g,h,i)perylene	26.95	276	6138	0.42	ng		94

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

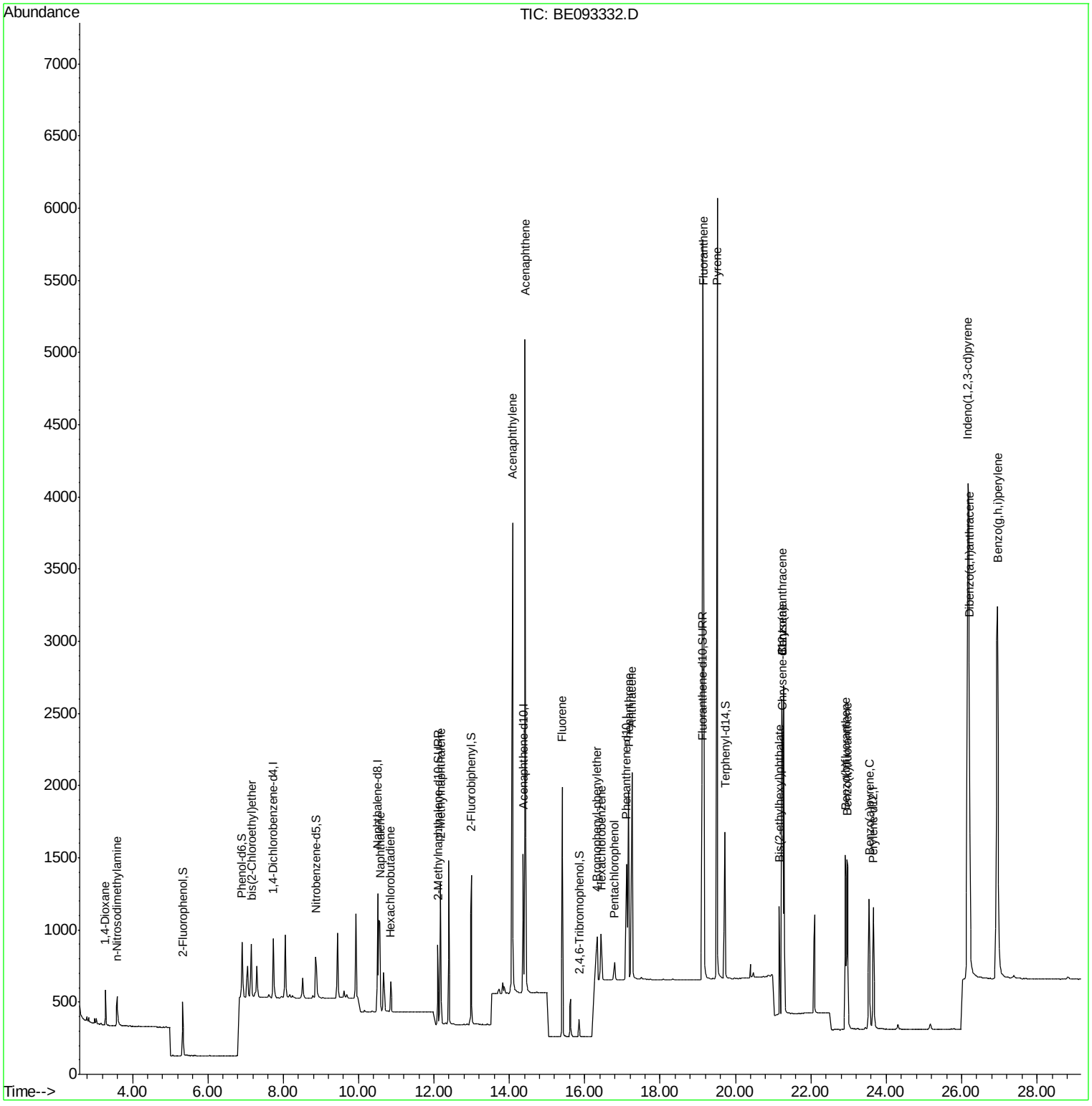
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062217\

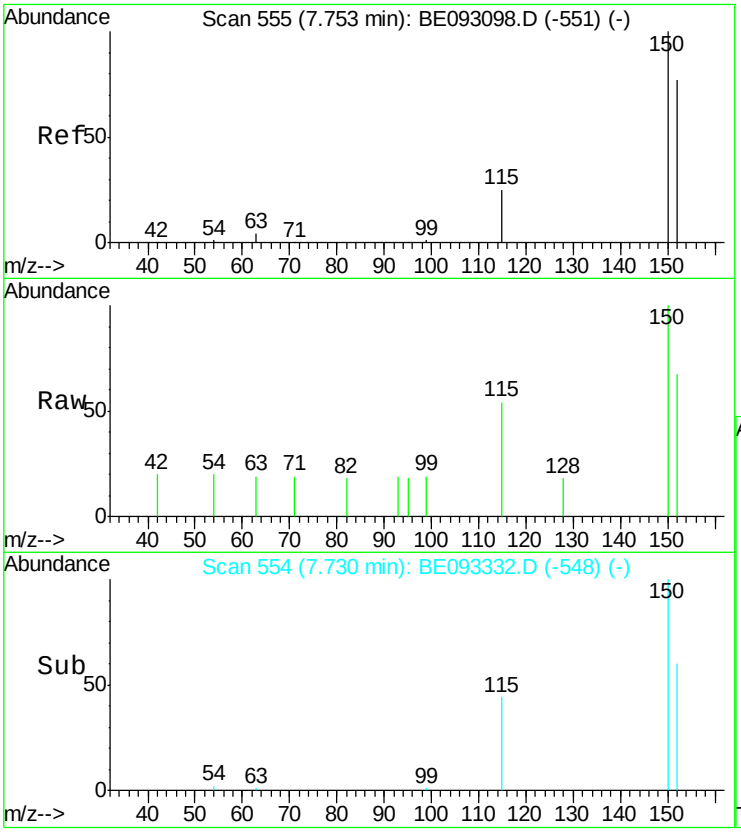
Quantitation Report (Not Reviewed)

Data File : BE093332.D
Acq On : 22 Jun 2017 17:25
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 23 07:12:43 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration



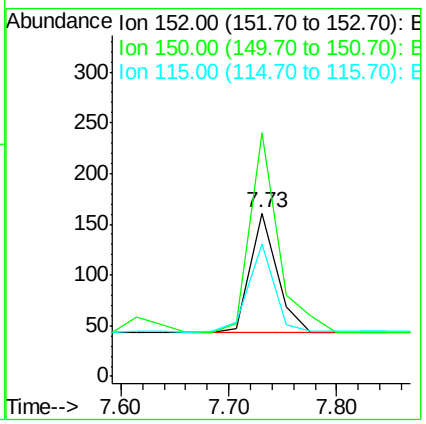


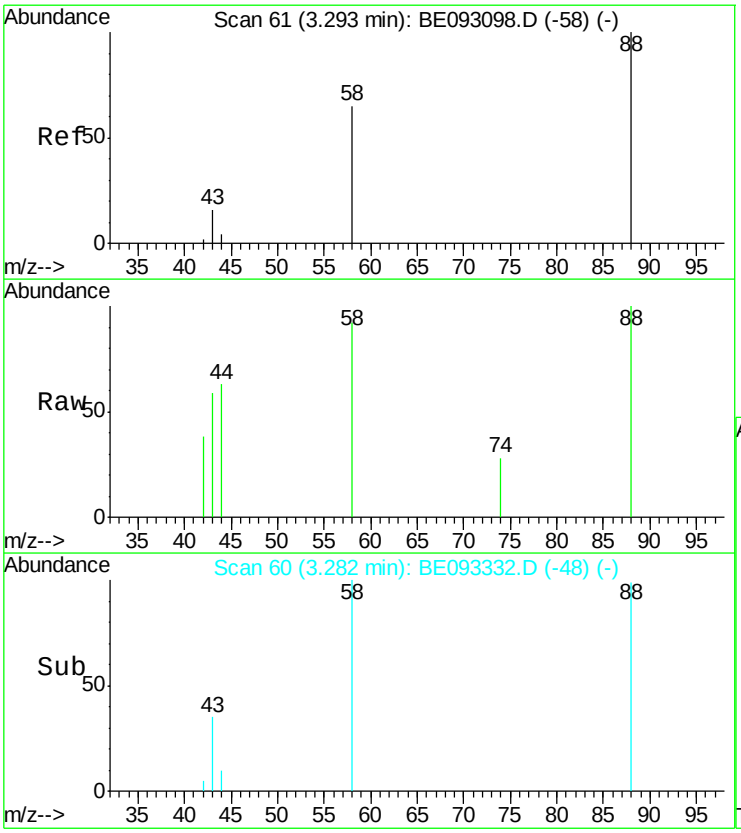
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.73 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 206

Ion	Ratio	Lower	Upper
152	100		
150	149.1	125.1	187.7
115	80.7	55.7	83.5

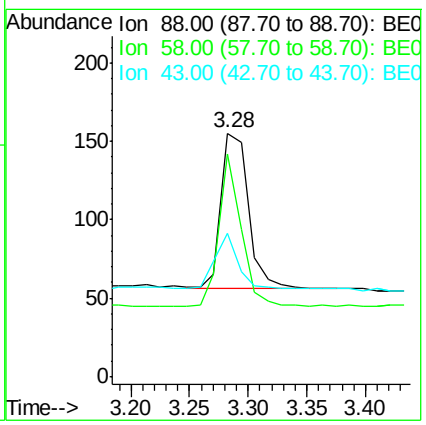


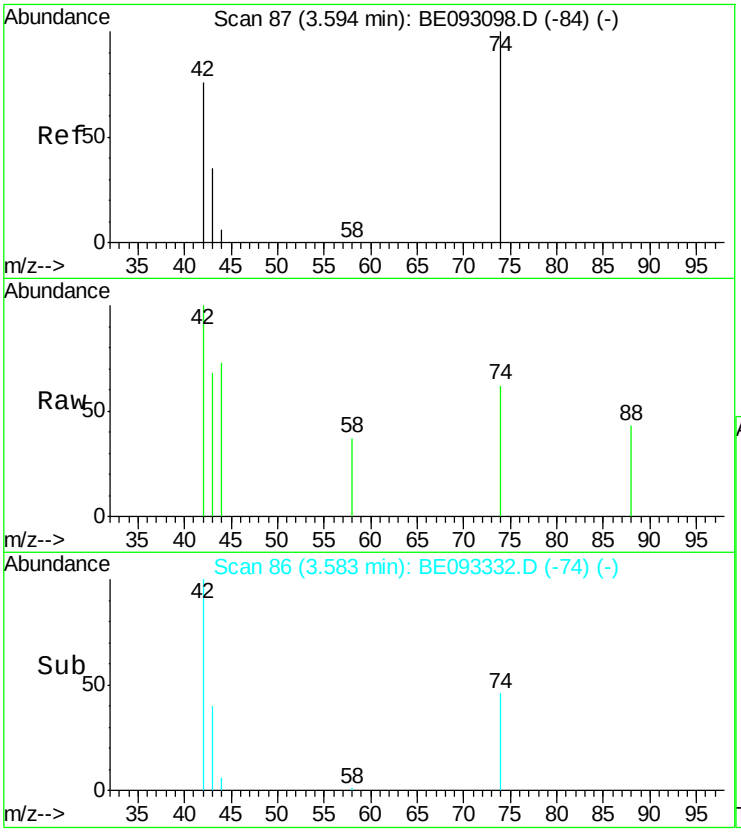


#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.28 min Scan# 60
Delta R.T. -0.01 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion: 88 Resp: 161

Ion	Ratio	Lower	Upper
88	100		
58	78.3	62.2	93.4
43	28.6	23.2	34.8



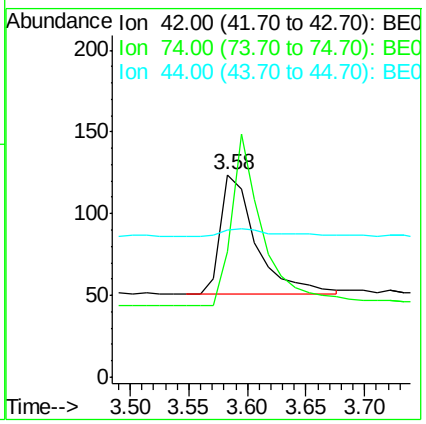


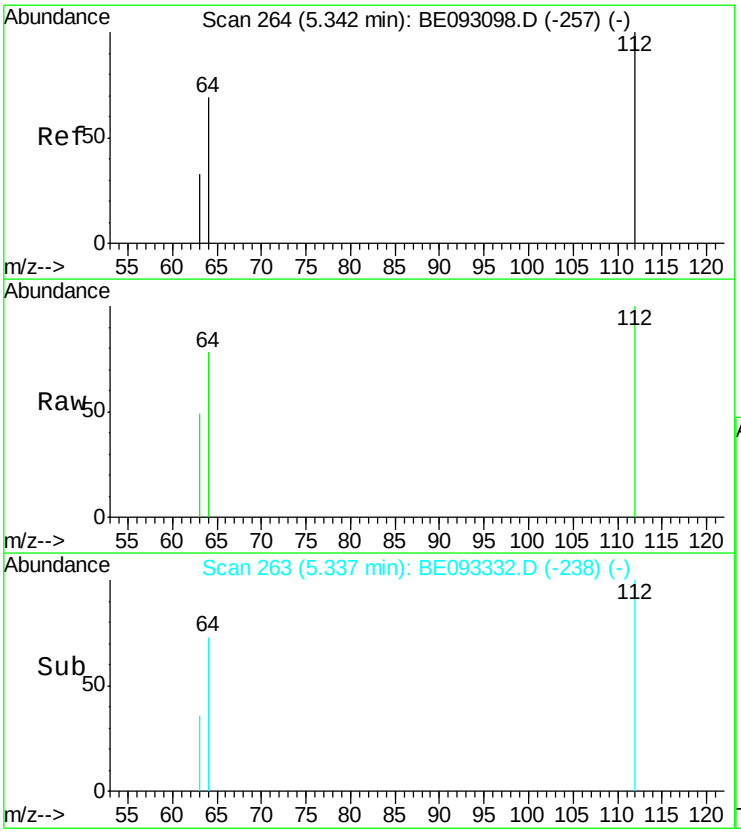
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.58 min Scan# 86
Delta R.T. -0.01 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 152

Ion	Ratio	Lower	Upper
42	100		
74	130.3	99.1	148.7
44	11.2	7.4	11.2#

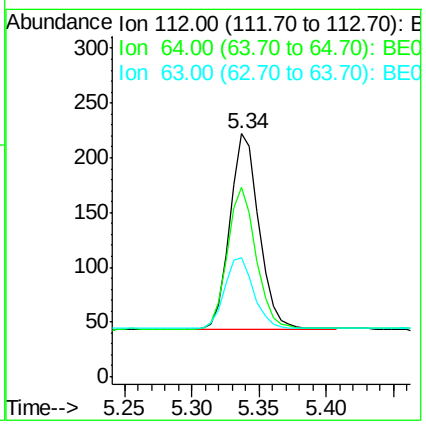


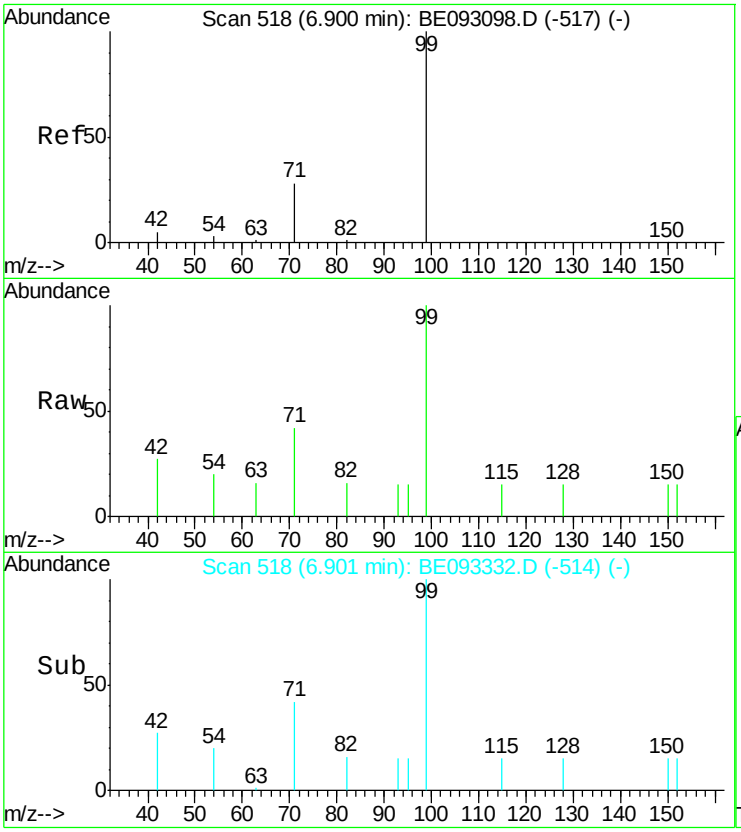


#4
2-Fluorophenol
Concen: 0.45 ng
RT: 5.34 min Scan# 263
Delta R.T. -0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:112 Resp: 274

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.4	84.6
63	36.1	29.3	43.9



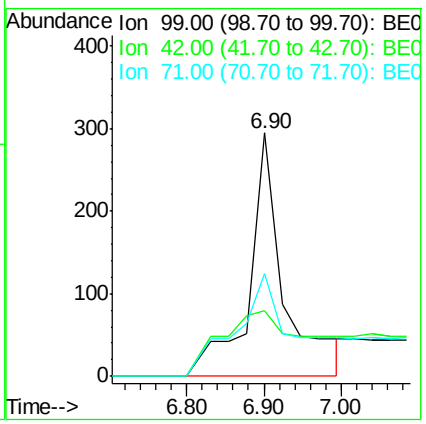


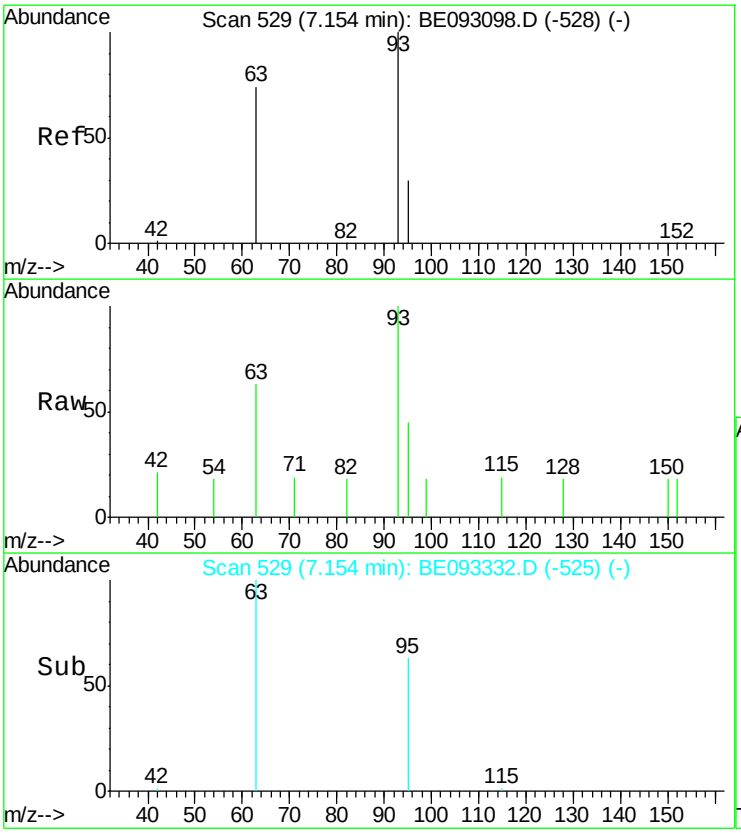
#5
Phenol-d6
Concen: 1.07 ng
RT: 6.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 954

Ion	Ratio	Lower	Upper
99	100		
42	60.7	0.0	0.0#
71	64.7	0.0	0.0#

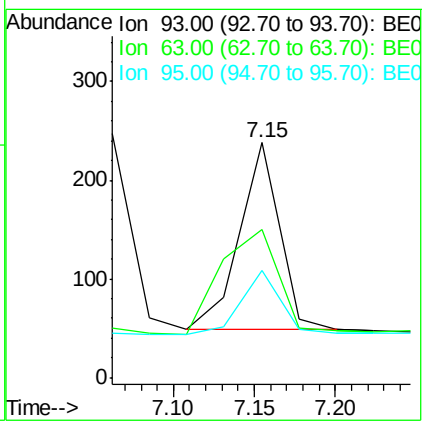


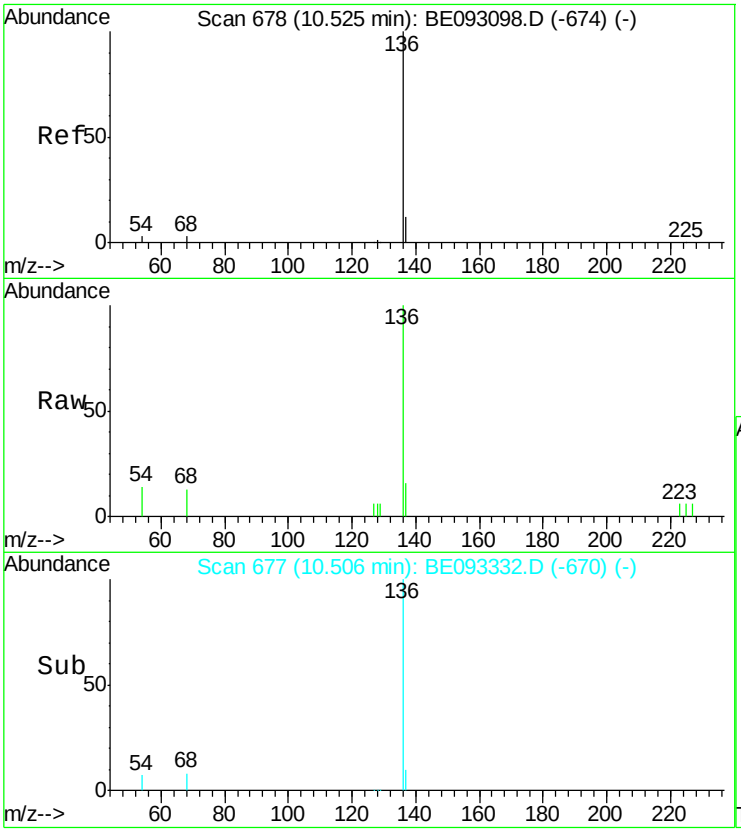


#6
bis(2-Chloroethyl)ether
Concen: 0.41 ng
RT: 7.15 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion: 93 Resp: 319

Ion	Ratio	Lower	Upper
93	100		
63	82.8	0.0	0.0#
95	33.2	25.4	38.0



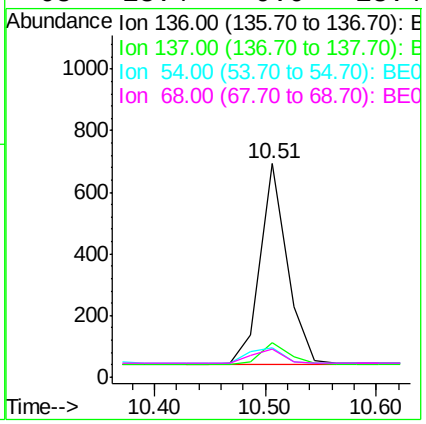


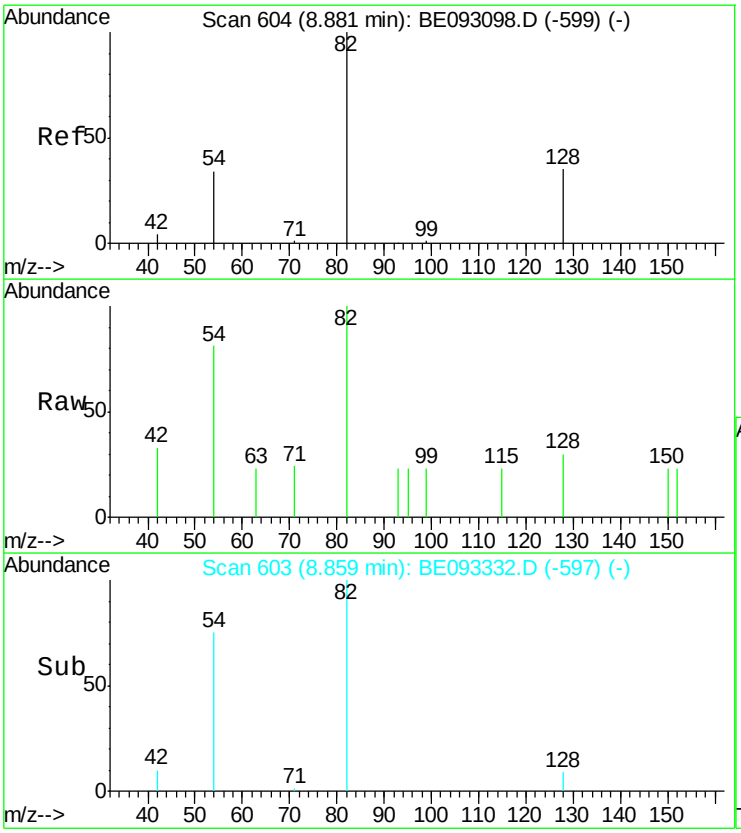
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.51 min Scan# 677
Delta R.T. -0.02 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 1086

Ion	Ratio	Lower	Upper
136	100		
137	16.0	9.8	14.8#
54	14.0	10.3	15.5
68	13.4	9.0	13.4

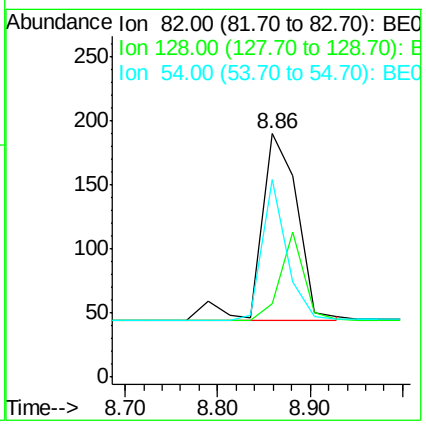


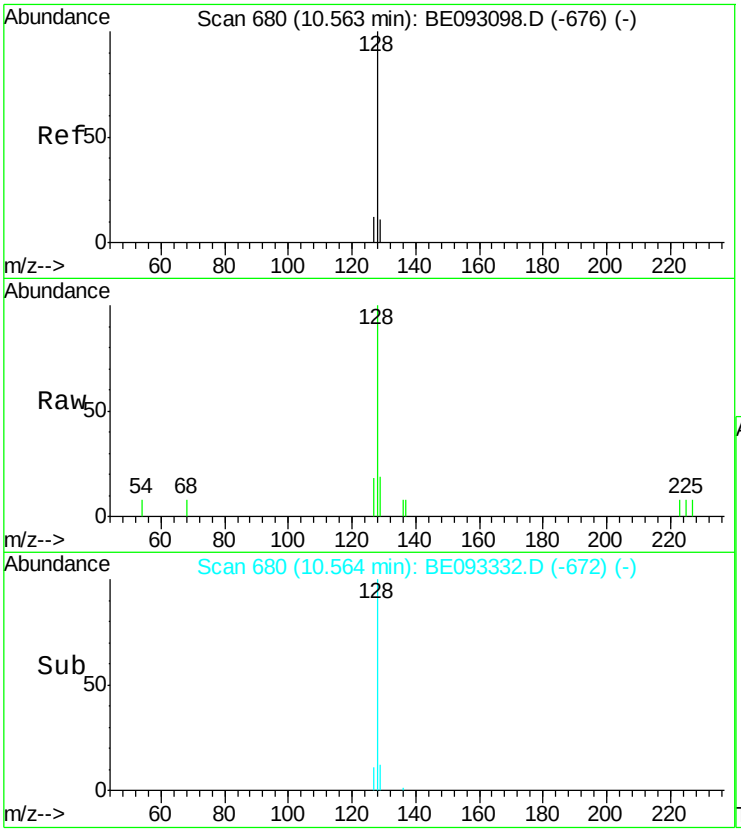


#8
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.86 min Scan# 603
Delta R.T. -0.02 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion: 82 Resp: 399

Ion	Ratio	Lower	Upper
82	100		
128	30.0	17.0	25.4#
54	81.1	53.8	80.6#



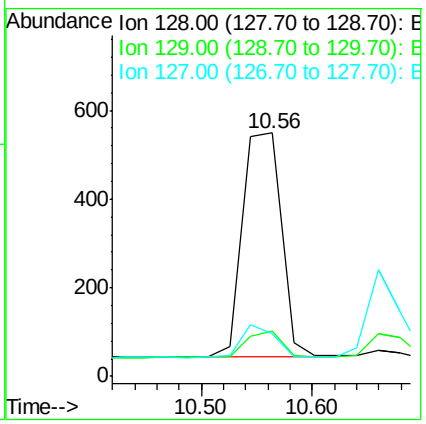


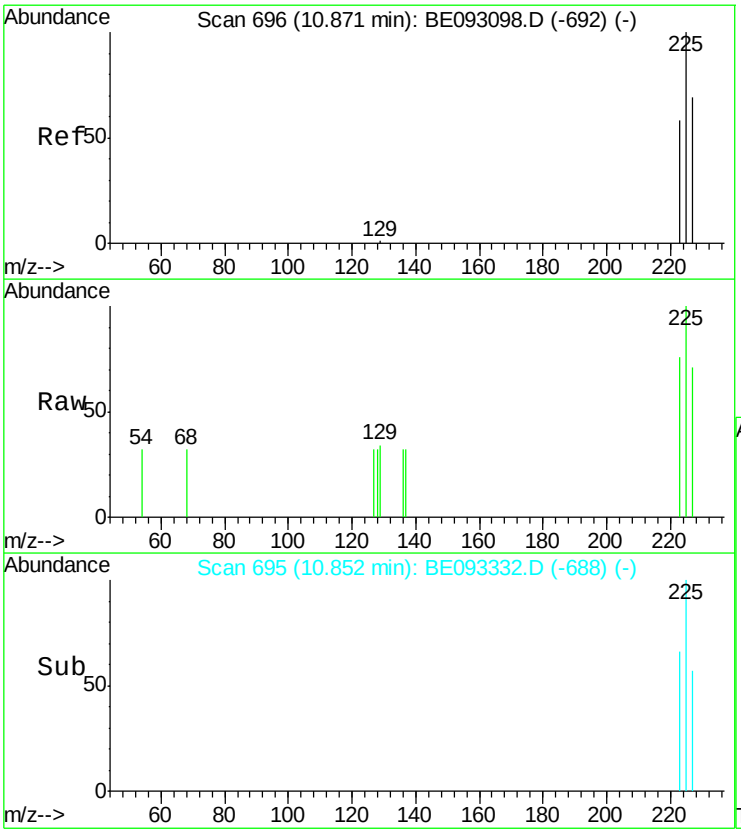
#9
Naphthalene
Concen: 0.42 ng
RT: 10.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 1223

Ion	Ratio	Lower	Upper
128	100		
129	18.8	11.4	17.0#
127	17.9	11.2	16.8#

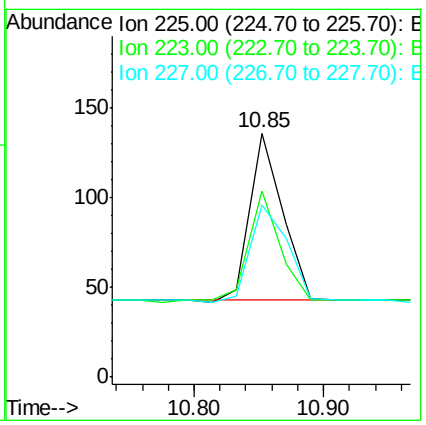


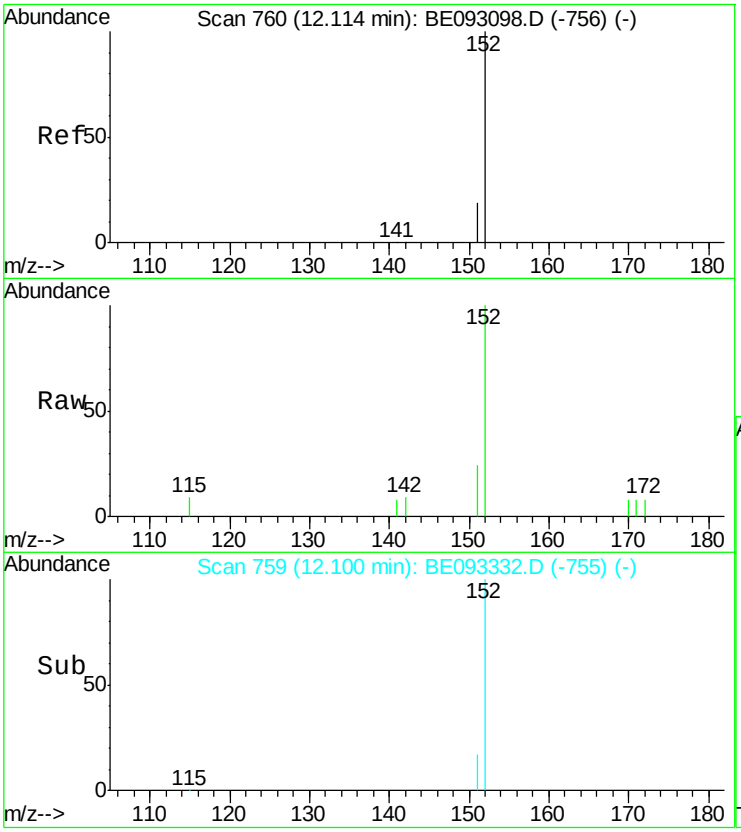


#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.85 min Scan# 695
Delta R.T. -0.02 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:225 Resp: 163

Ion	Ratio	Lower	Upper
225	100		
223	66.3	49.7	74.5
227	67.5	50.3	75.5



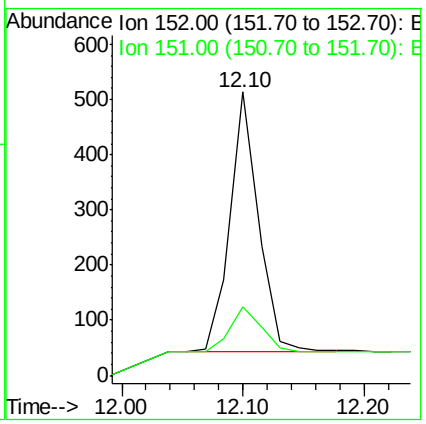


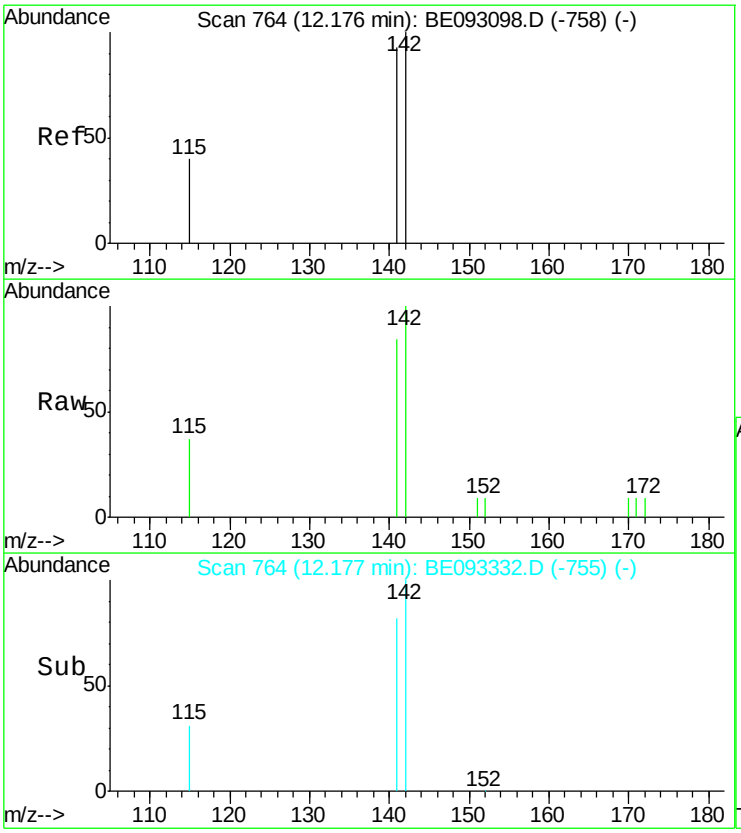
#11
2-Methylnaphthalene-d10
Concen: 0.47 ng
RT: 12.10 min Scan# 759
Delta R.T. -0.01 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 760

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

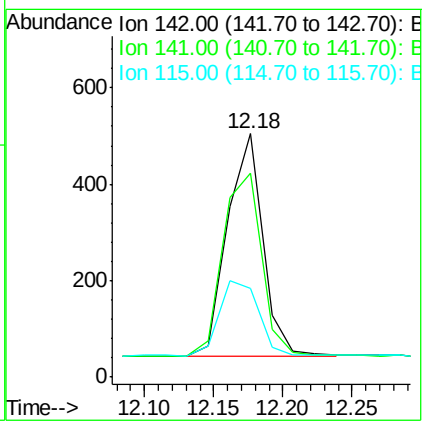


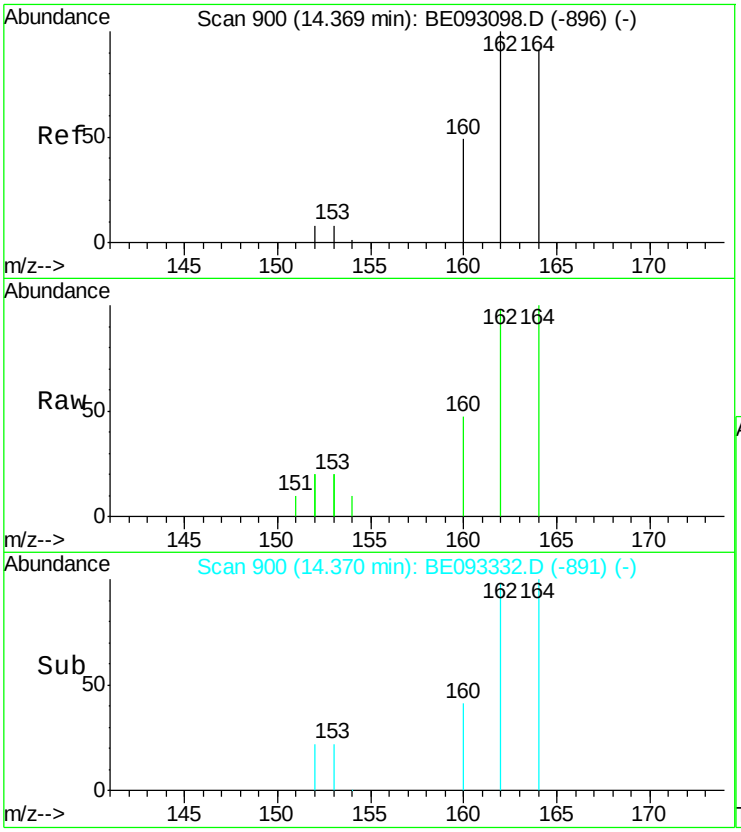


#12
2-Methylnaphthalene
Concen: 0.46 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:142 Resp: 826

Ion	Ratio	Lower	Upper
142	100		
141	83.6	72.6	108.8
115	36.6	32.2	48.2



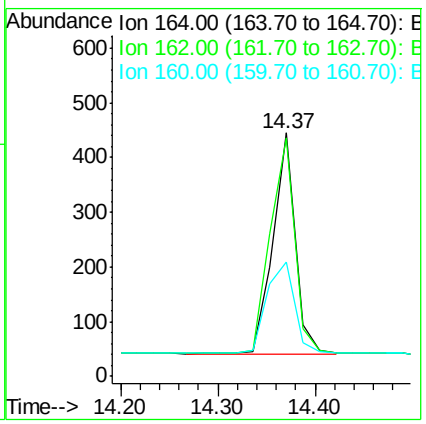


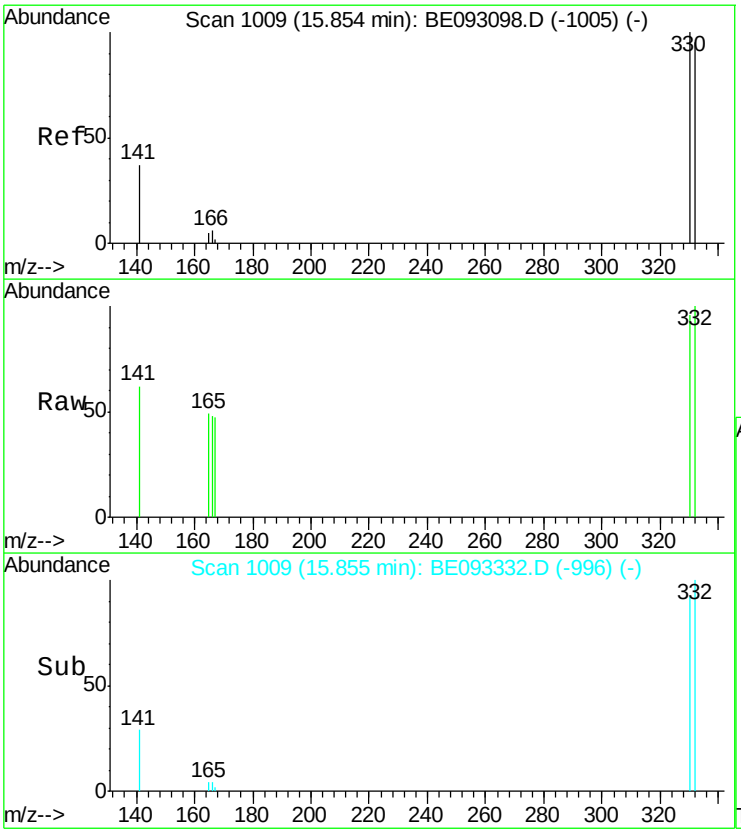
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 641

Ion	Ratio	Lower	Upper
164	100		
162	98.0	84.6	127.0
160	47.0	41.8	62.6

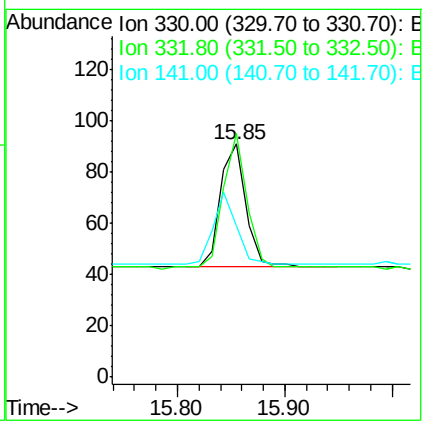


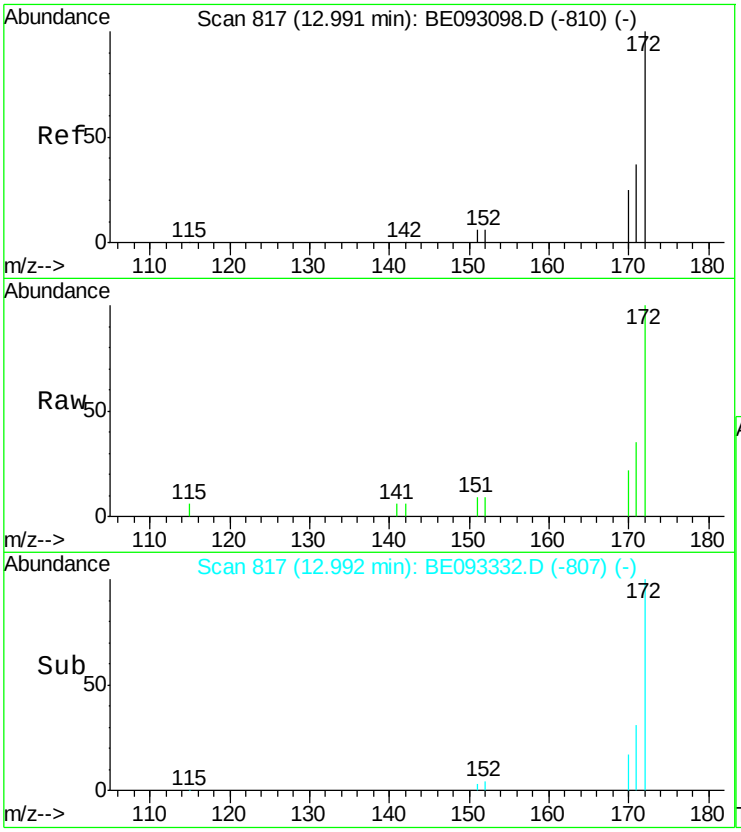


#14
2,4,6-Tribromophenol
Concen: 0.53 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:330 Resp: 78

Ion	Ratio	Lower	Upper
330	100		
332	111.5	77.7	116.5
141	53.8	56.2	84.4#



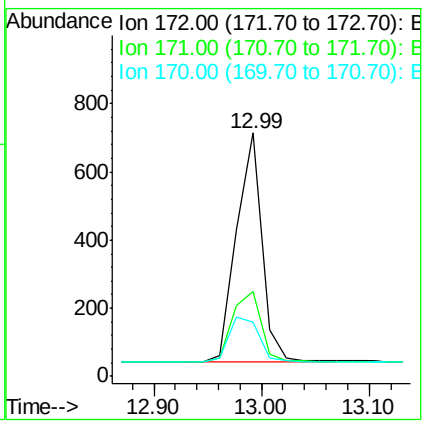


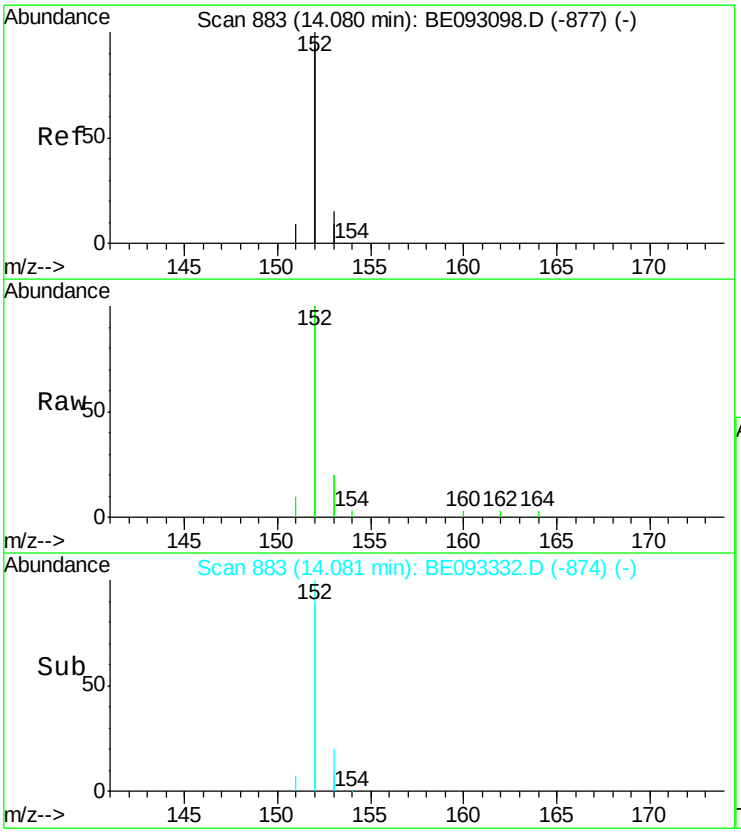
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 1101

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.8	44.6
170	22.1	20.7	31.1

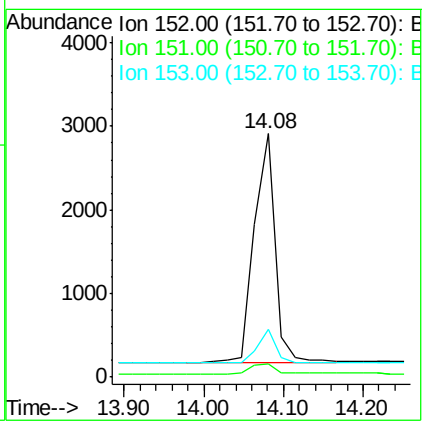


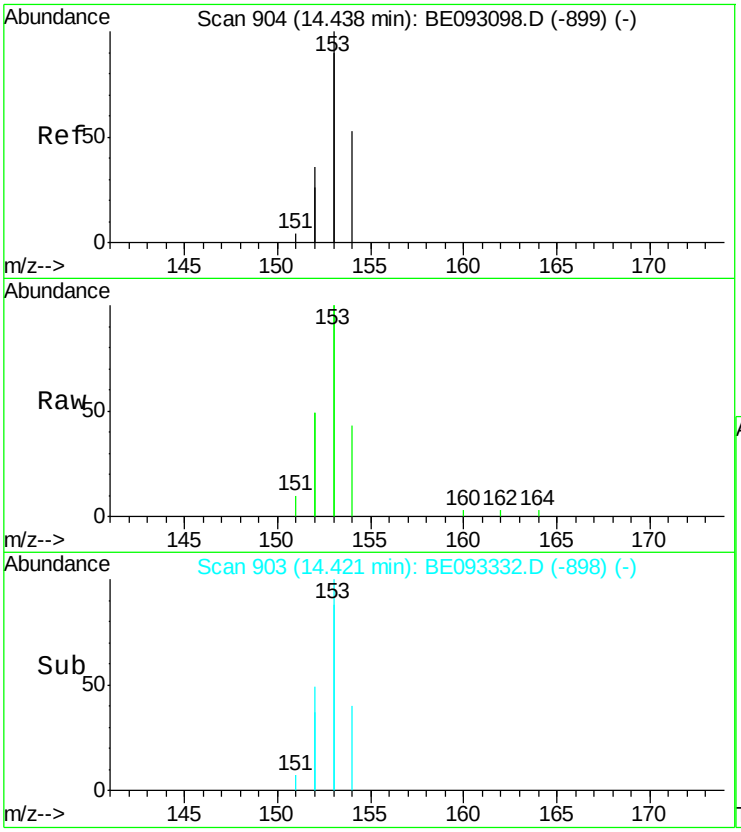


#16
Acenaphthylene
Concen: 0.45 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:152 Resp: 5043

Ion	Ratio	Lower	Upper
152	100		
151	4.8	4.0	6.0
153	12.9	10.3	15.5



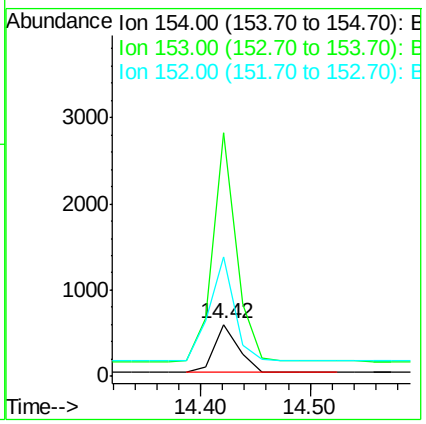


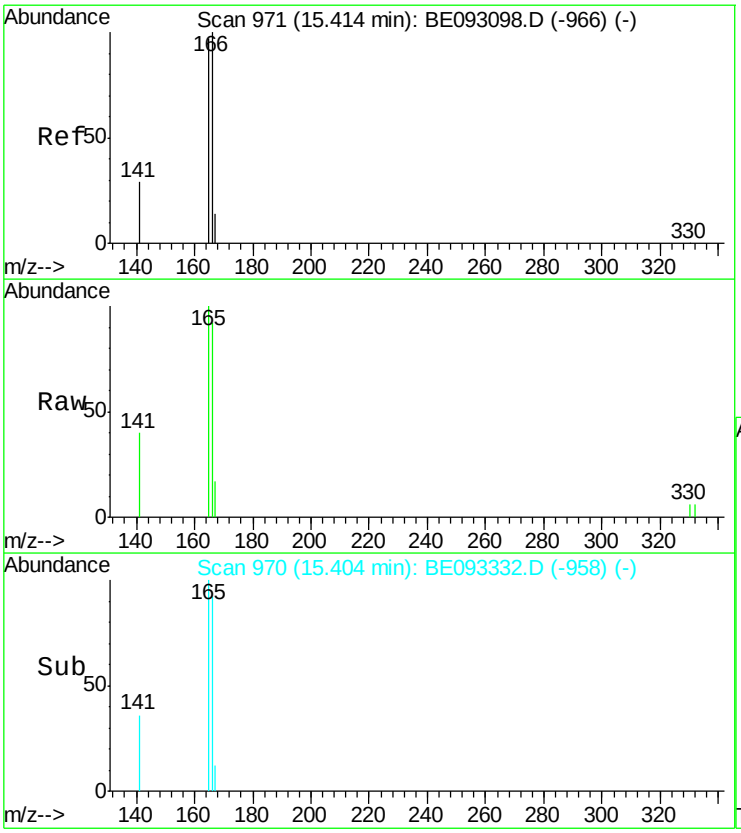
#17
Acenaphthene
Concen: 0.42 ng
RT: 14.42 min Scan# 903
Delta R.T. -0.02 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 880

Ion	Ratio	Lower	Upper
154	100		
153	450.3	367.8	551.6
152	221.4	188.2	282.2

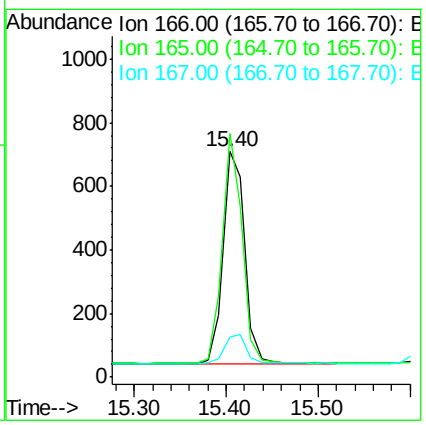


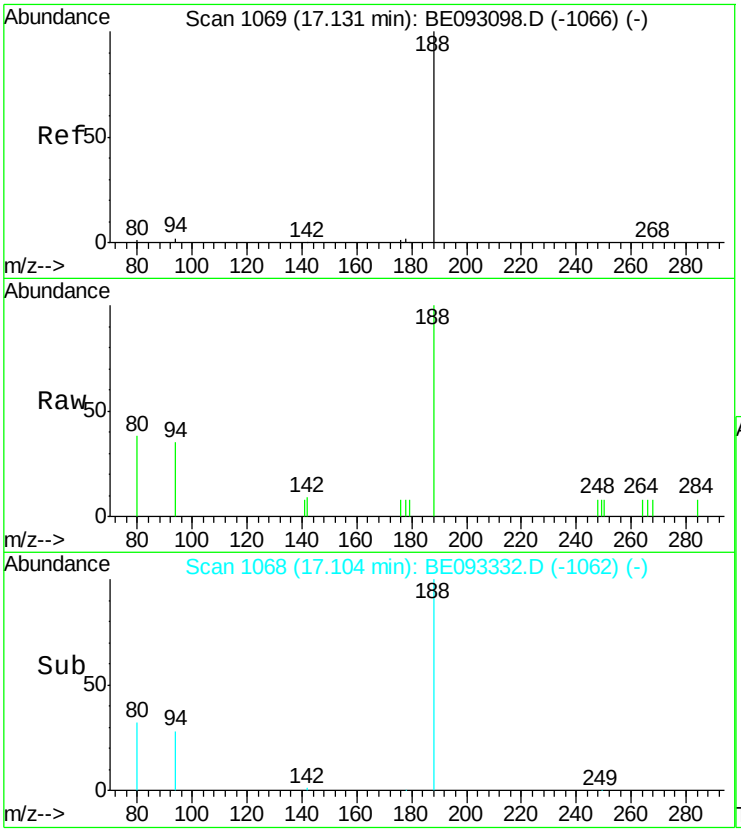


#18
Fluorene
Concen: 0.43 ng
RT: 15.40 min Scan# 970
Delta R.T. -0.01 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:166 Resp: 1079

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	117.8
167	14.2	11.1	16.7



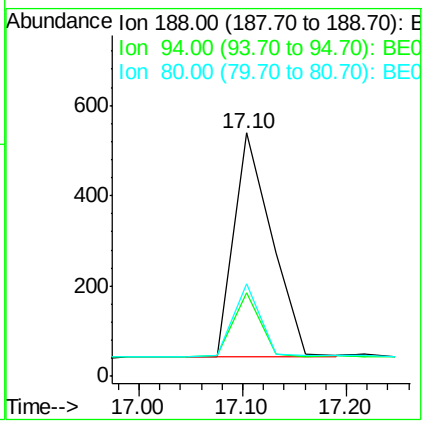


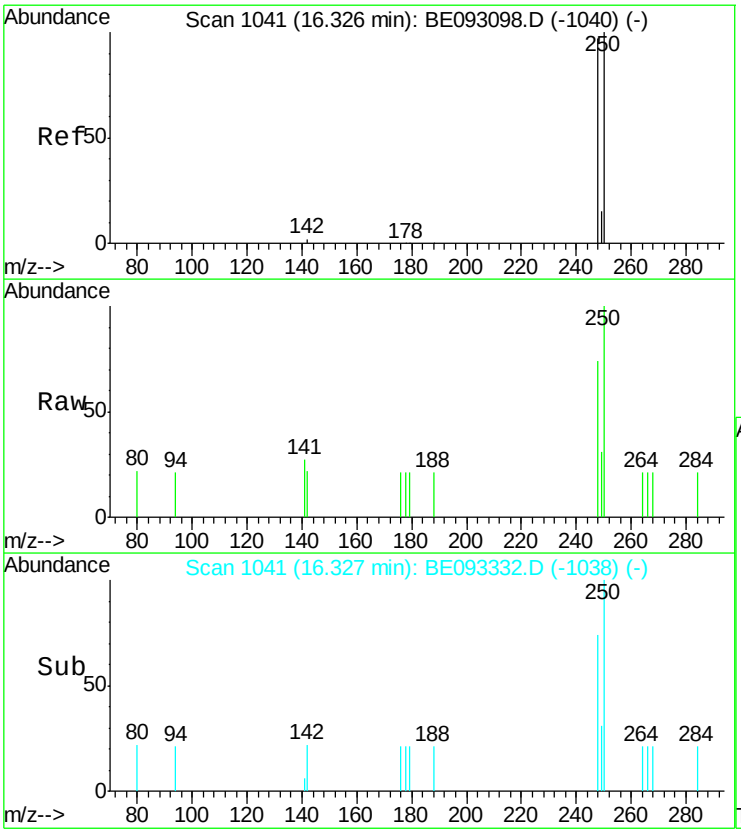
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.10 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 1269

Ion	Ratio	Lower	Upper
188	100		
94	34.5	11.3	16.9#
80	38.2	11.7	17.5#

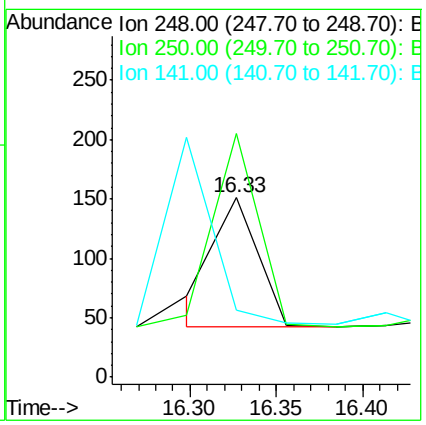


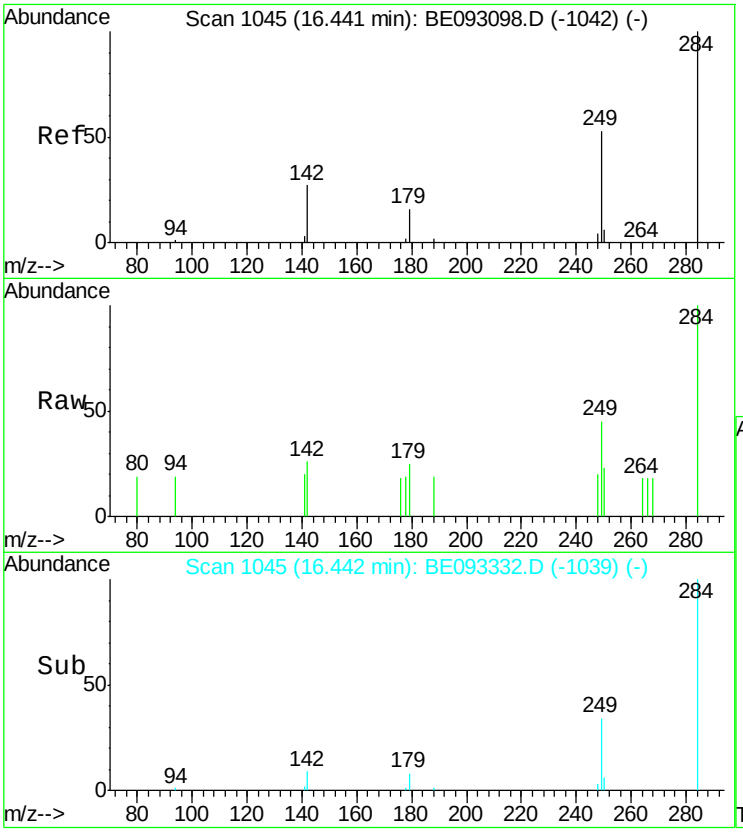


#20
4-Bromophenyl-phenylether
Concen: 0.24 ng
RT: 16.33 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:248 Resp: 188

Ion	Ratio	Lower	Upper
248	100		
250	135.8	100.0	150.0
141	37.1	40.0	60.0#



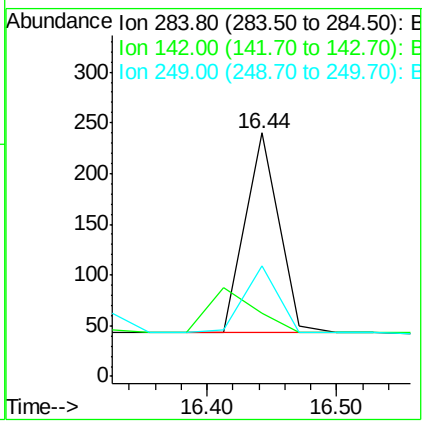


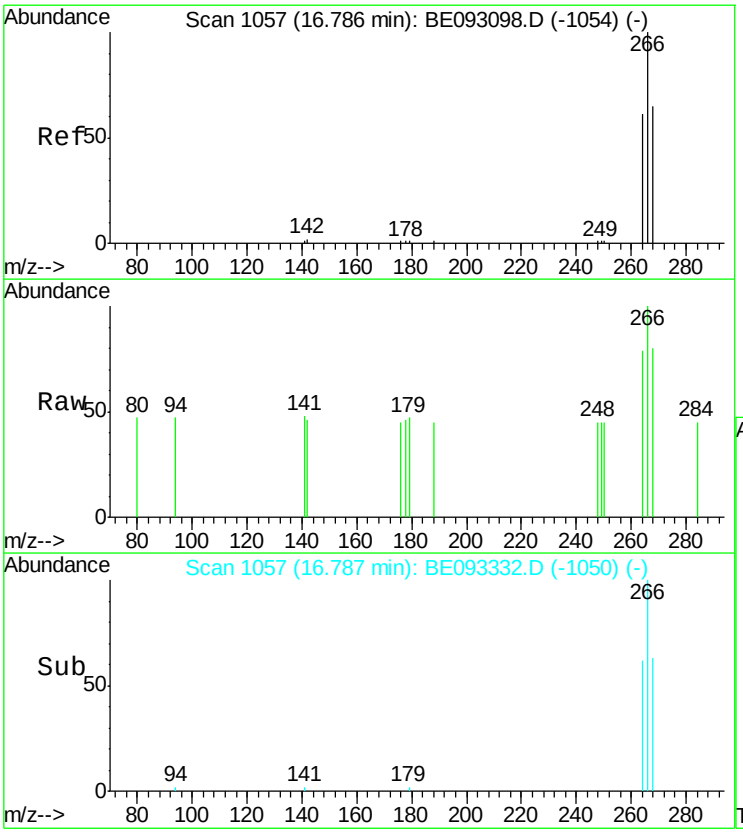
#21
Hexachlorobenzene
Concen: 0.52 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 352

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	34.4	0.0	0.0#

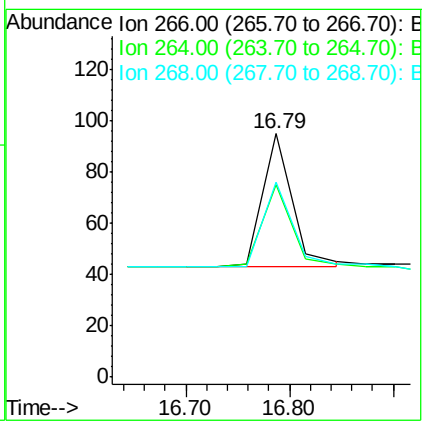


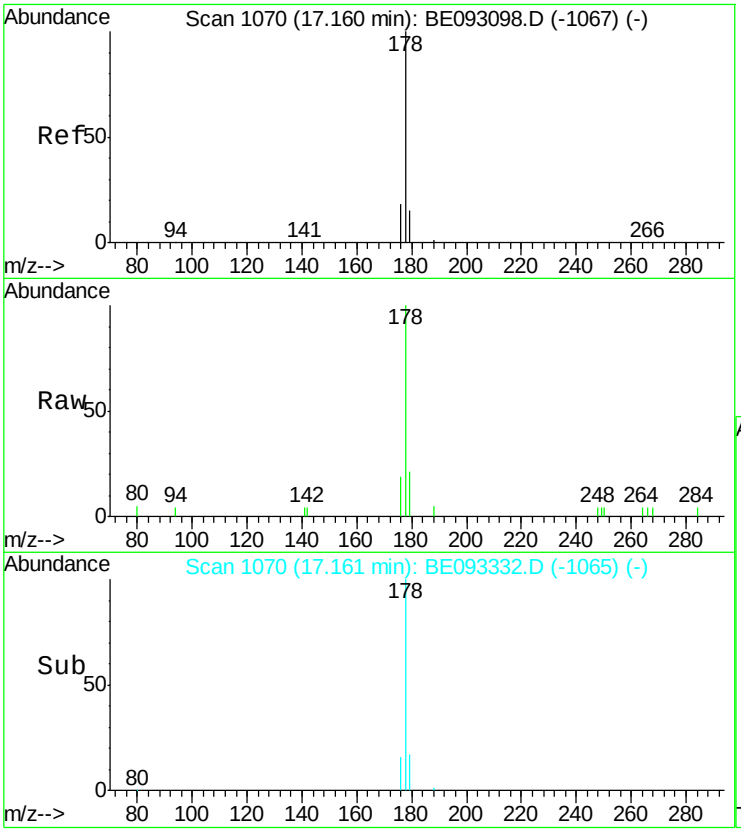


#22
Pentachlorophenol
Concen: 0.47 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:266 Resp: 104

Ion	Ratio	Lower	Upper
266	100		
264	78.9	58.2	87.2
268	80.0	71.9	107.9



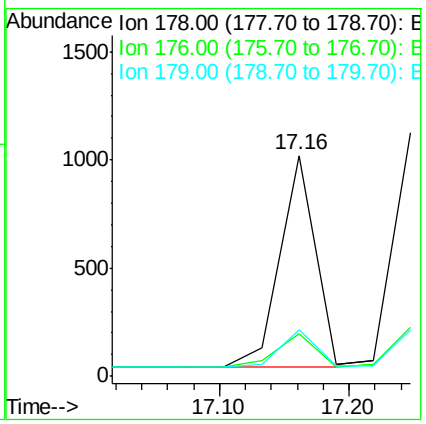


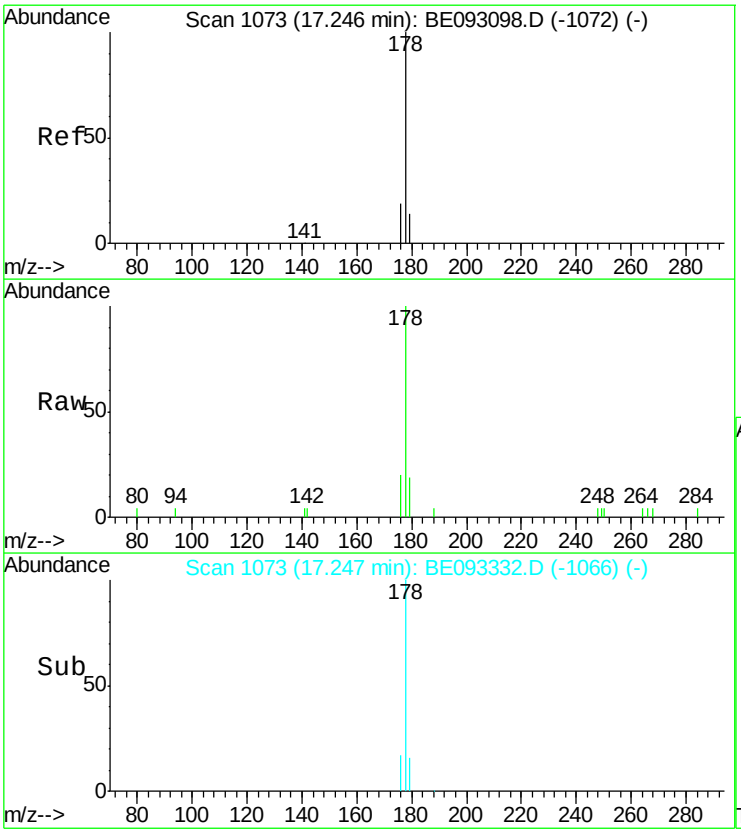
#23
Phenanthrene
Concen: 0.33 ng
RT: 17.16 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 1864

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.0	22.4
179	16.7	12.7	19.1

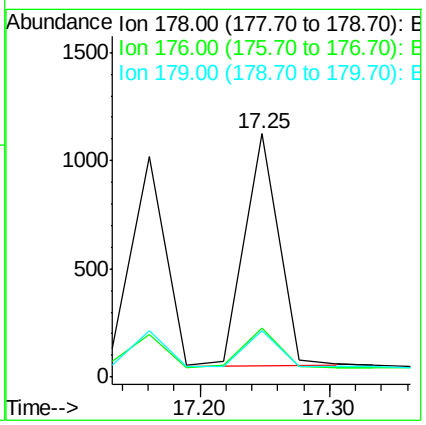


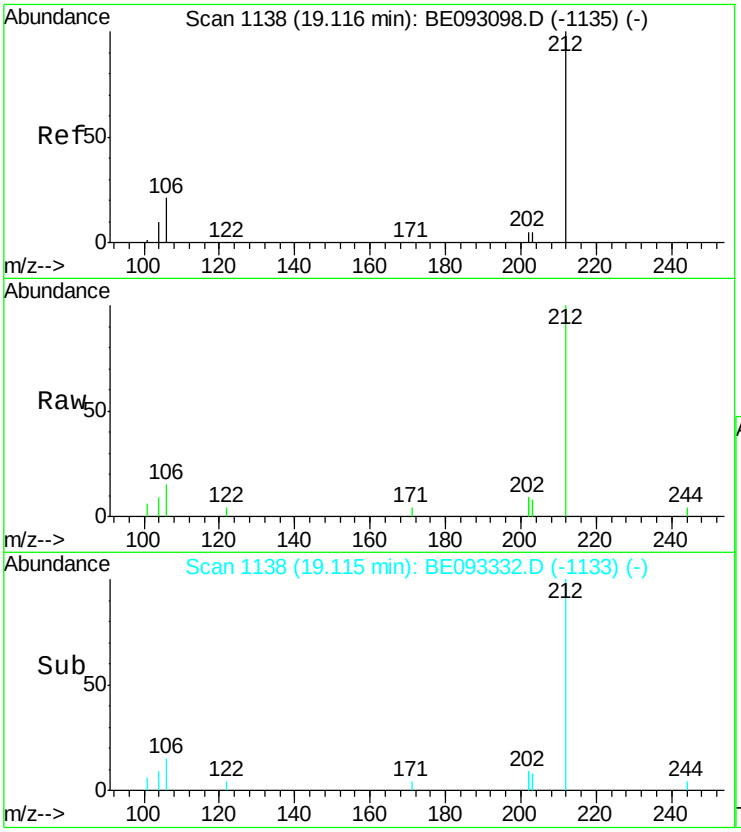


#24
Anthracene
Concen: 0.40 ng
RT: 17.25 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:178 Resp: 1935

Ion	Ratio	Lower	Upper
178	100		
176	17.2	14.6	22.0
179	15.6	12.0	18.0



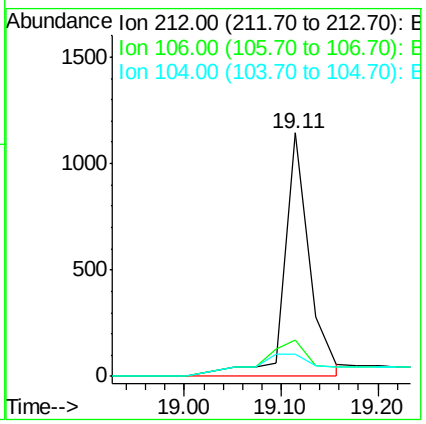


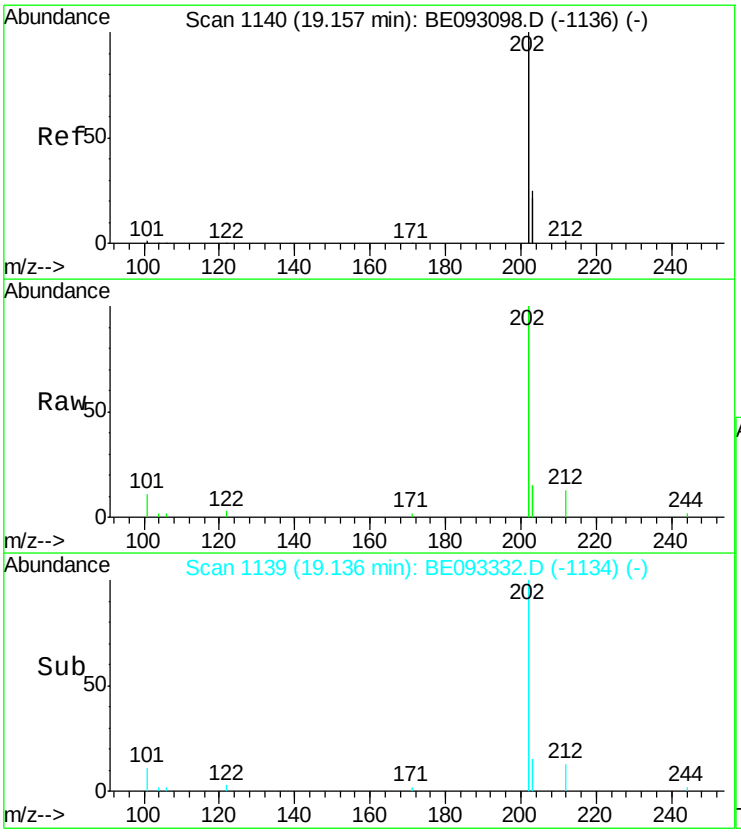
#25
Fluoranthene-d10
Concen: 0.60 ng
RT: 19.11 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 2507

Ion	Ratio	Lower	Upper
212	100		
106	29.5	0.0	0.0#
104	0.0	0.0	0.0

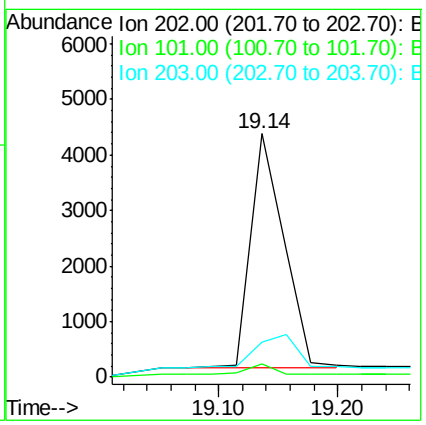


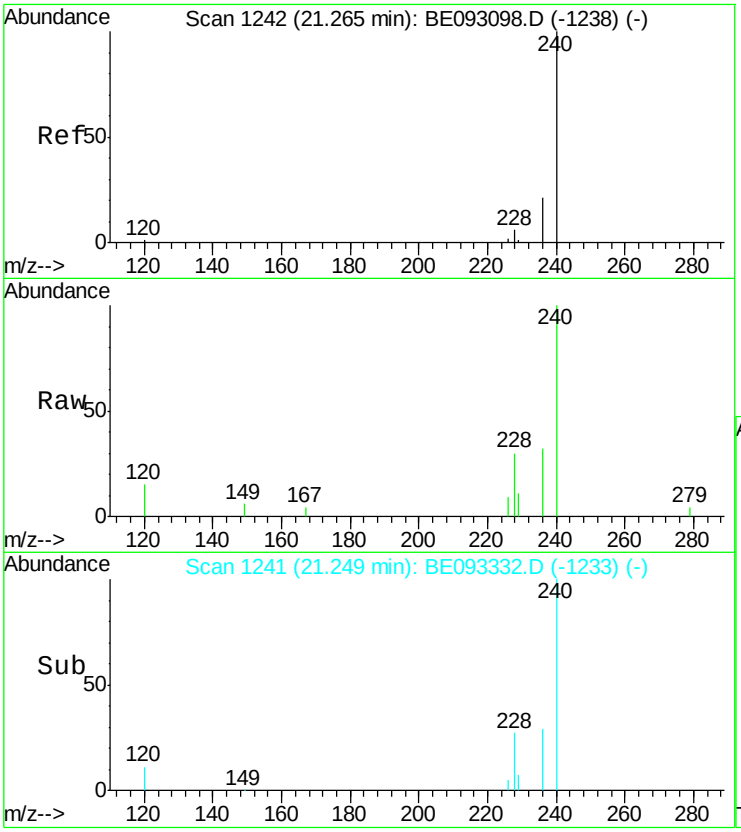


#26
Fluoranthene
Concen: 0.39 ng
RT: 19.14 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:202 Resp: 8116

Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	0.0#
203	0.0	14.4	21.6#



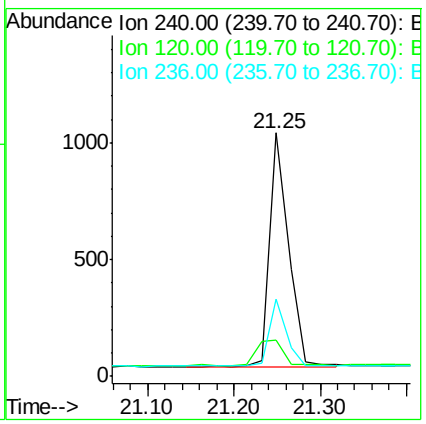


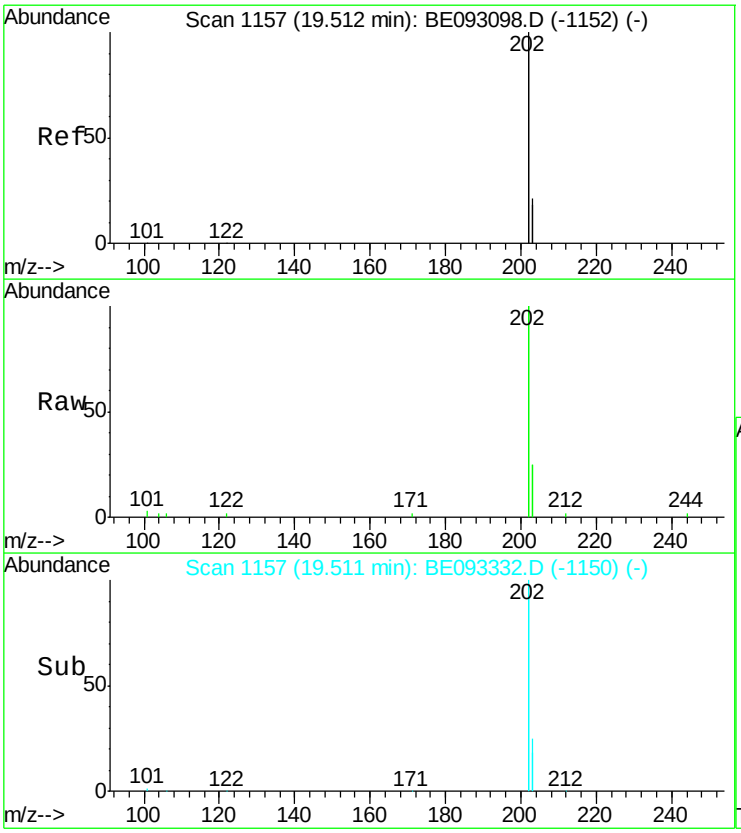
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.25 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 1538

Ion	Ratio	Lower	Upper
240	100		
120	15.0	4.6	7.0#
236	31.9	20.8	31.2#

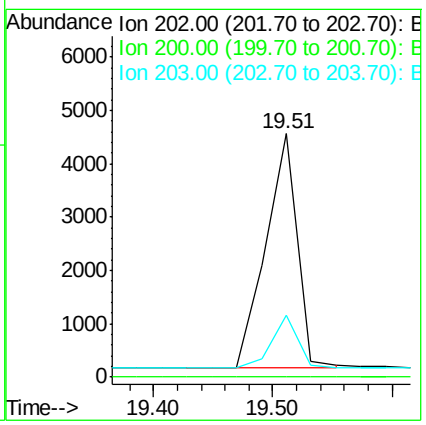


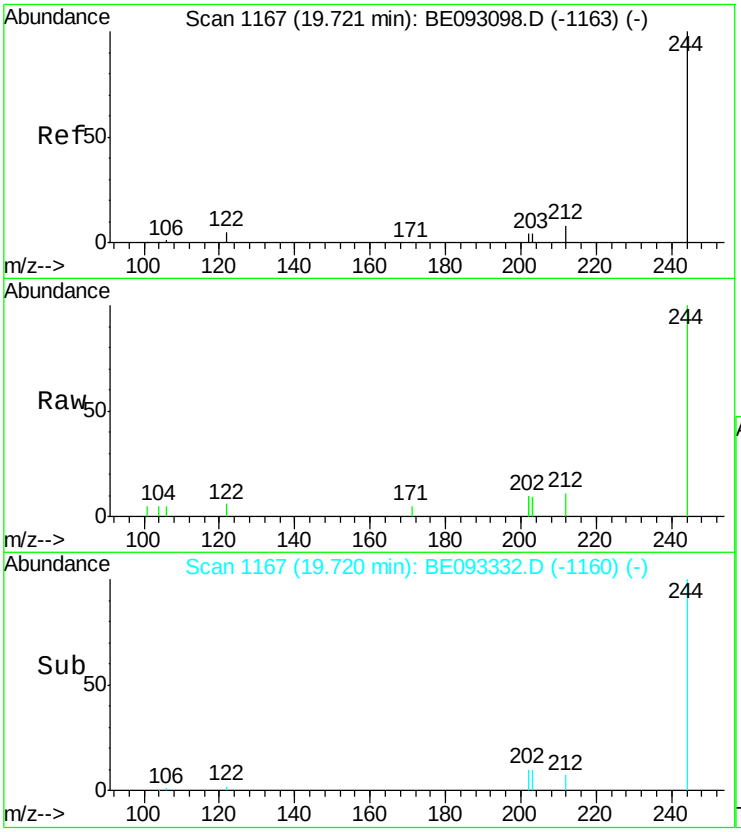


#28
Pyrene
Concen: 0.43 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:202 Resp: 8105

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.7	13.7	20.5



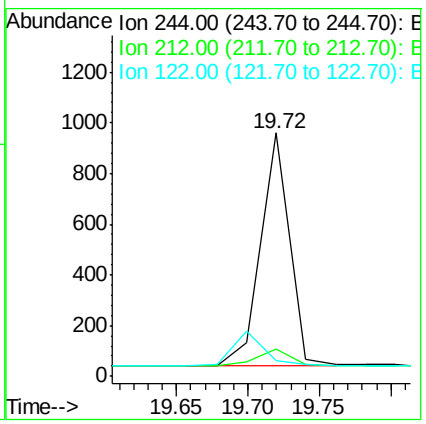


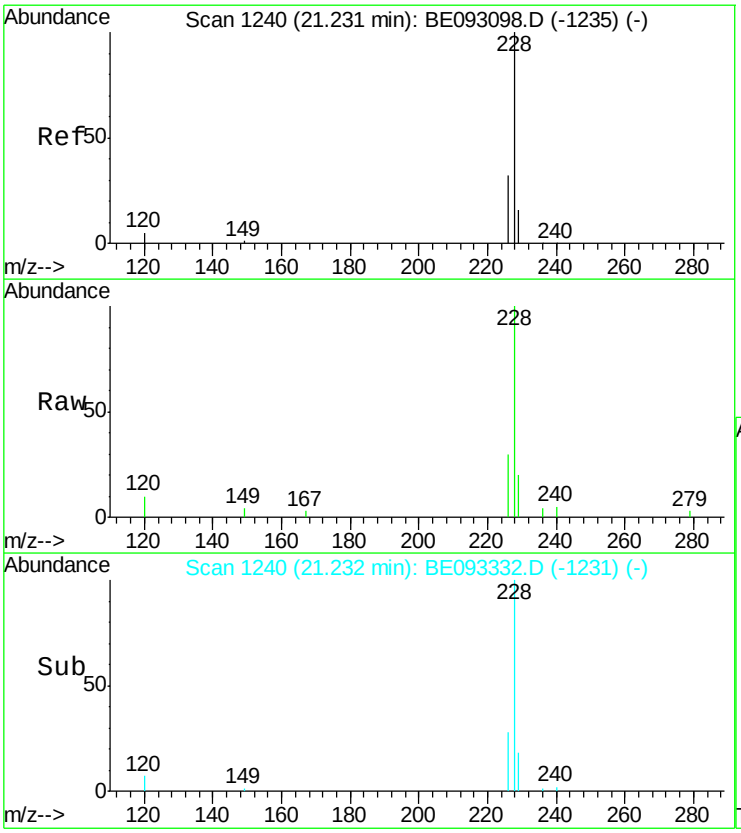
#29
Terphenyl-d14
Concen: 0.44 ng
RT: 19.72 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 1298

Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.6	16.0
122	6.2	15.4	23.0#

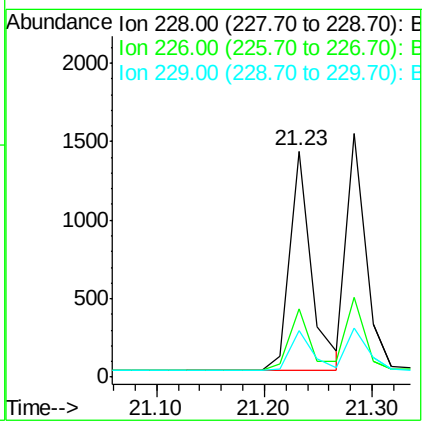


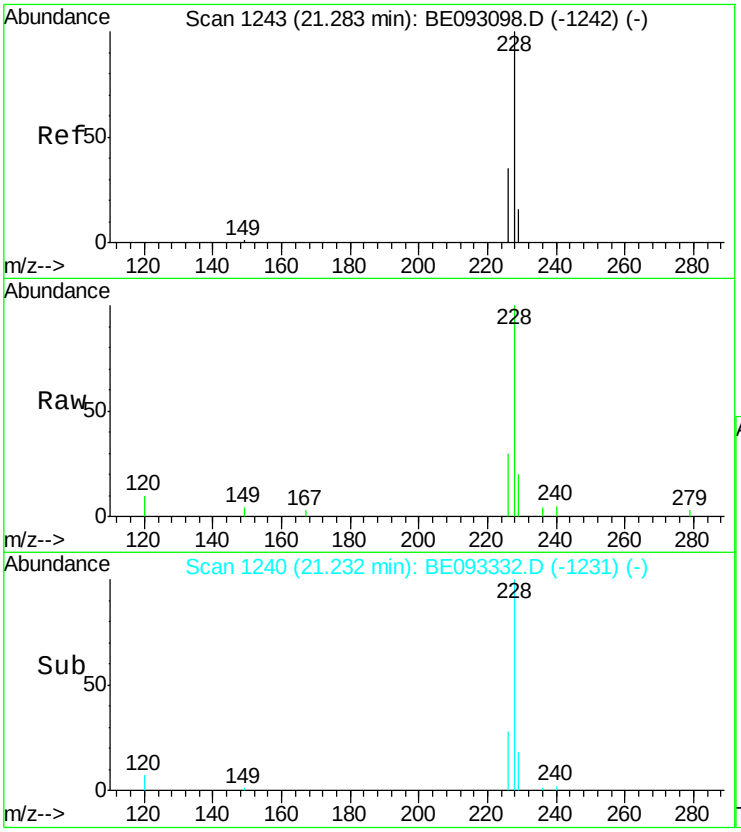


#30
Benzo(a)anthracene
Concen: 0.47 ng
RT: 21.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:228 Resp: 1962

Ion	Ratio	Lower	Upper
228	100		
226	30.1	19.7	29.5#
229	20.4	19.2	28.8



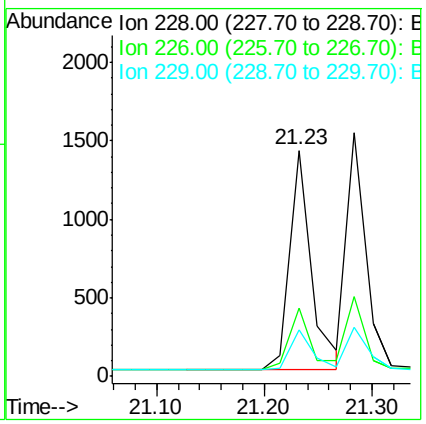


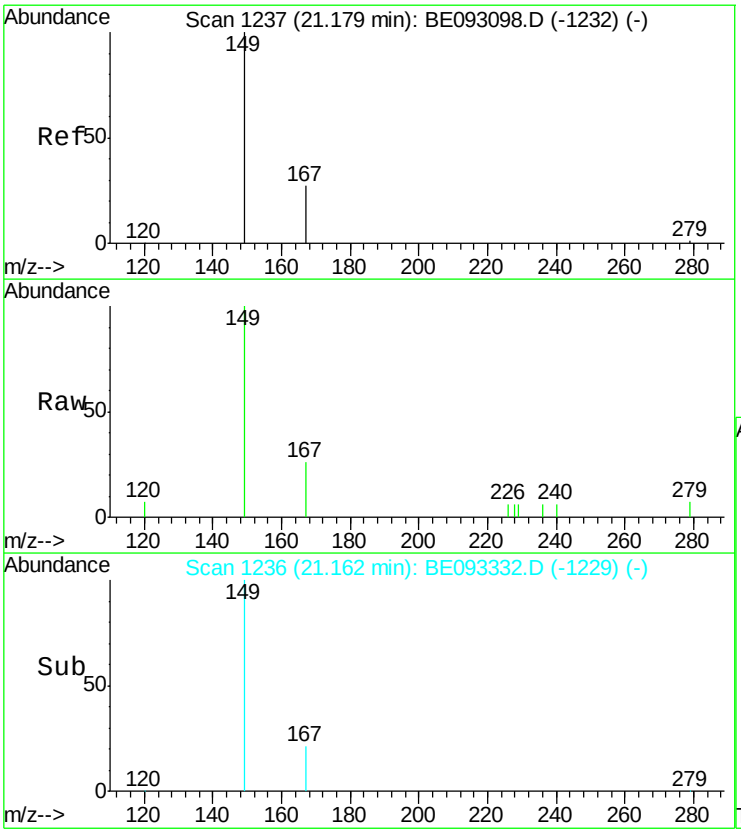
#31
Chrysene
Concen: 0.44 ng
RT: 21.23 min Scan# 1240
Delta R.T. -0.05 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 1962

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.5	32.3
229	20.4	18.6	28.0

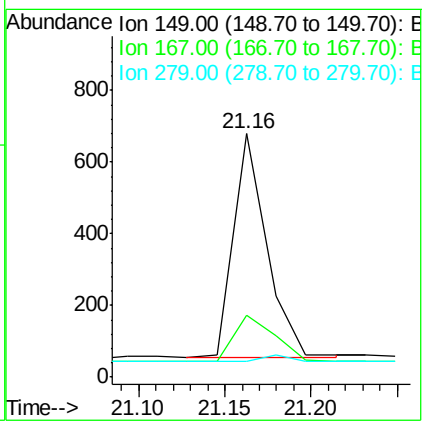


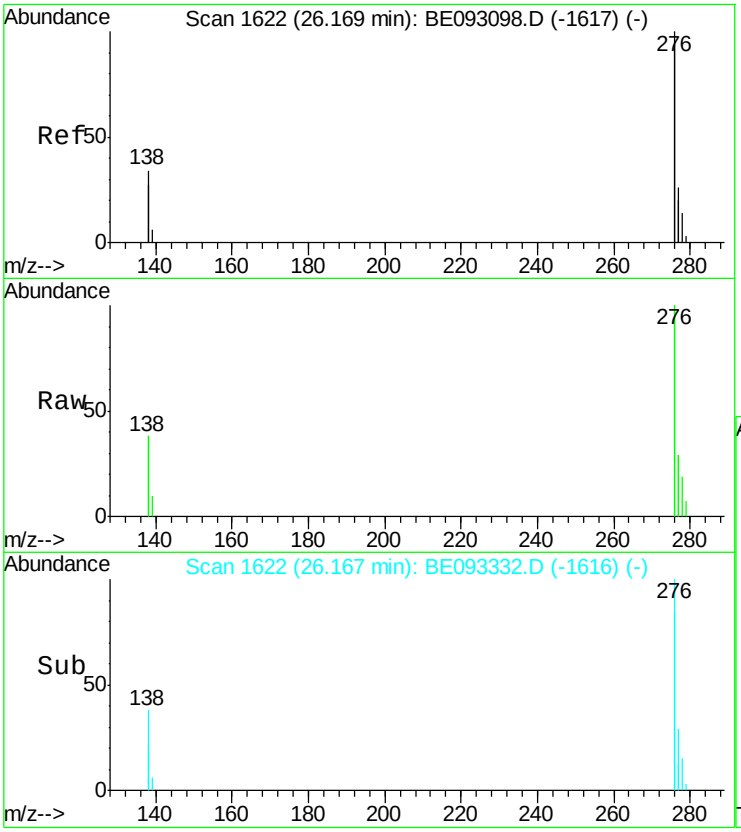


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.50 ng
RT: 21.16 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:149 Resp: 842

Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.1	30.1
279	2.9	2.2	3.4



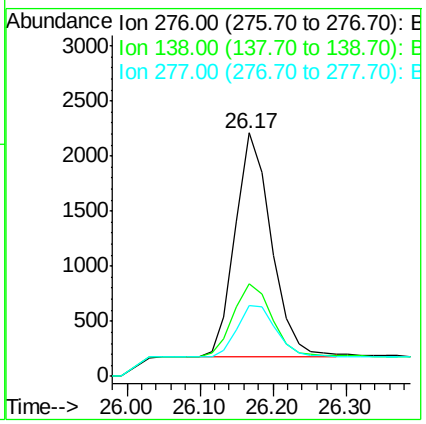


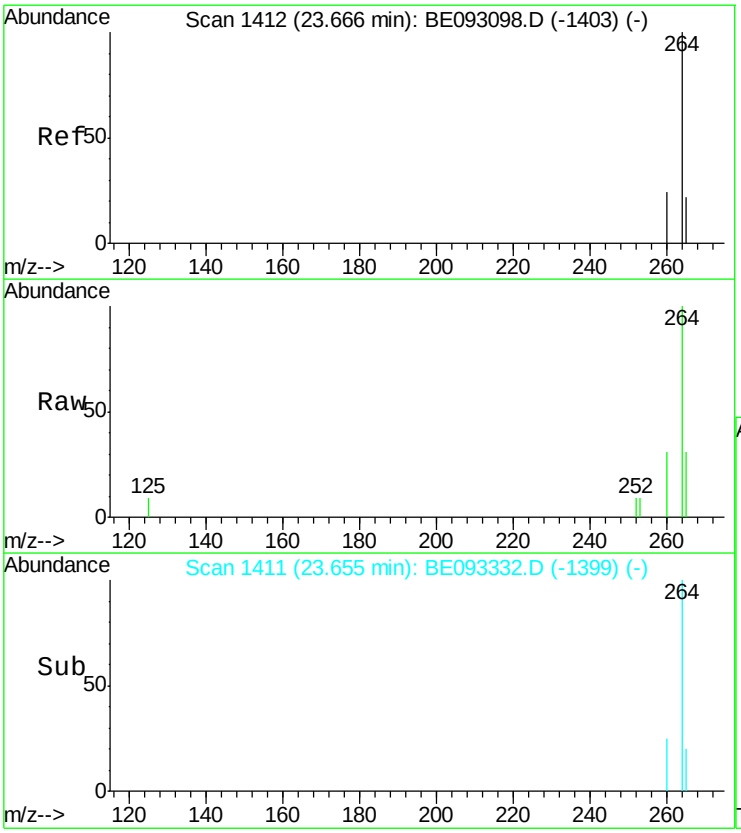
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 26.17 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 7042

Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.4	41.2
277	25.1	20.1	30.1

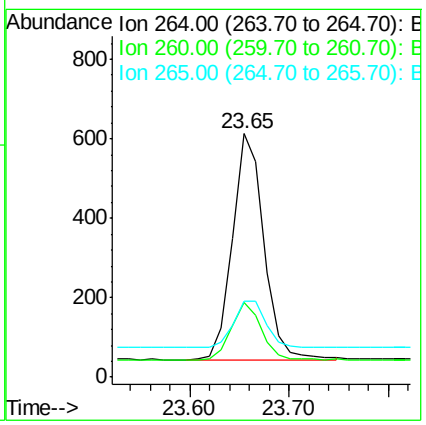


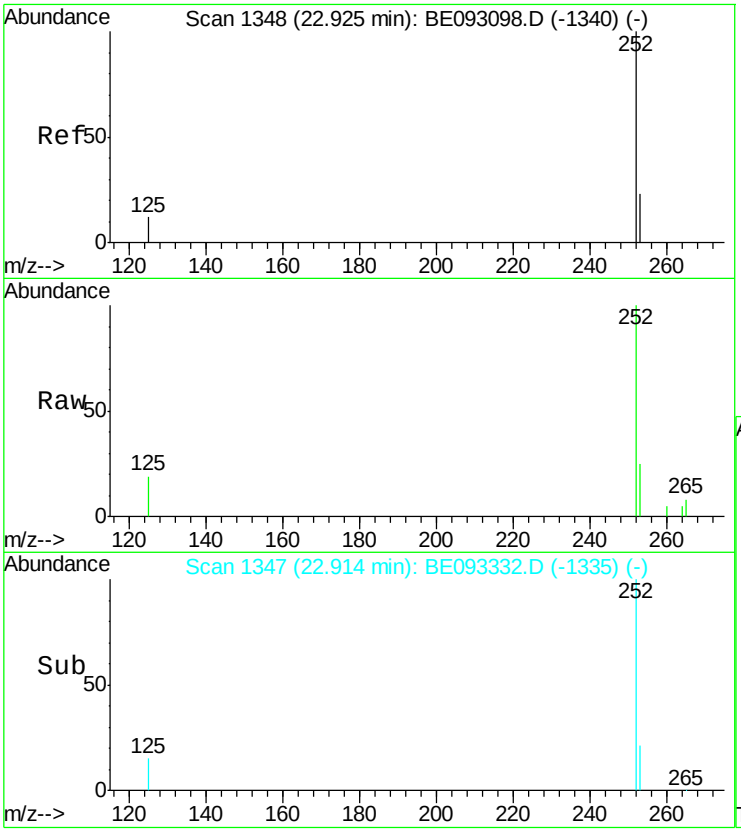


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.65 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:264 Resp: 1242

Ion	Ratio	Lower	Upper
264	100		
260	30.5	21.0	31.4
265	31.0	24.6	36.8



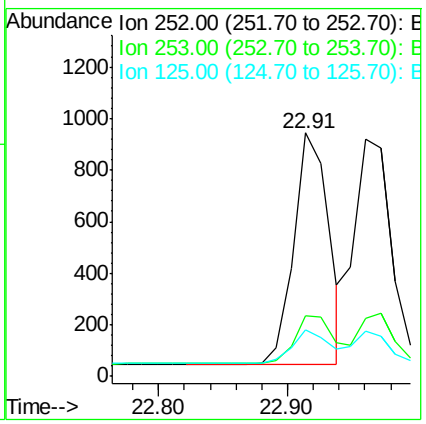


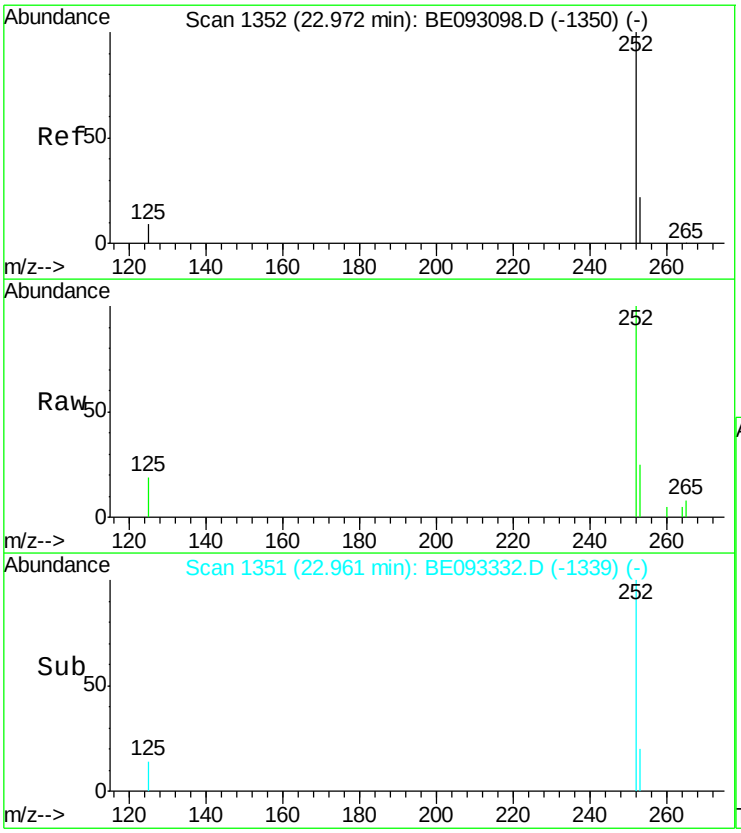
#35
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 22.91 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 1684

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.5	27.7
125	19.4	13.4	20.0

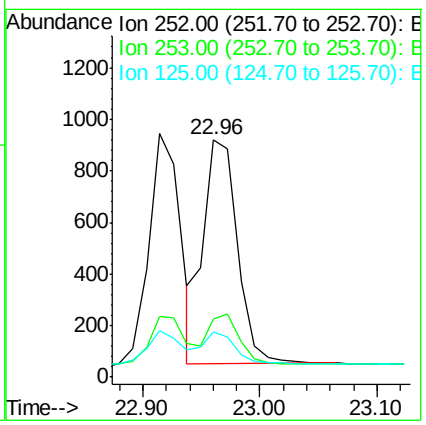


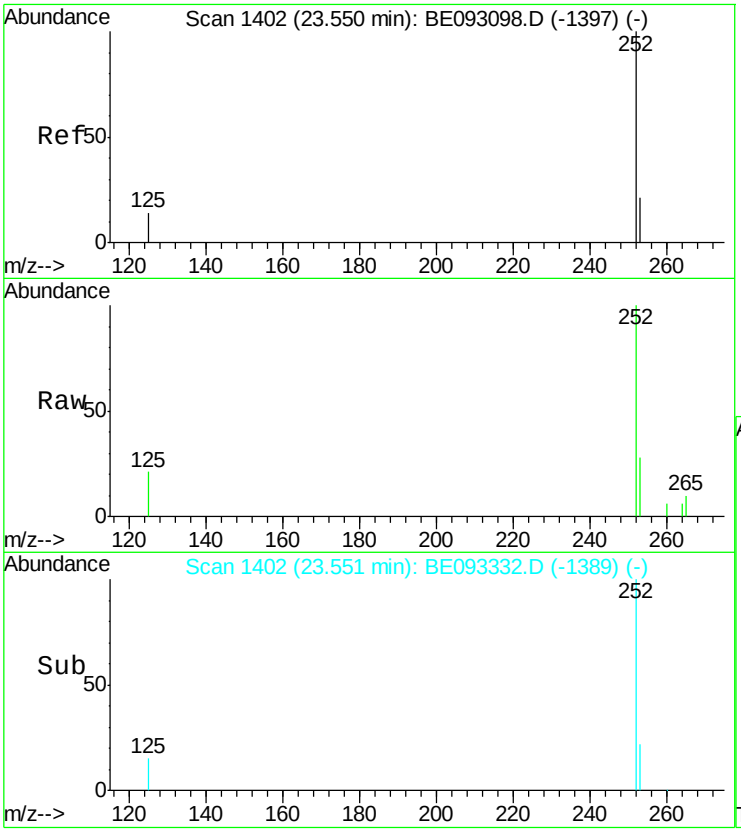


#36
Benzo(k)fluoranthene
Concen: 0.45 ng
RT: 22.96 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:252 Resp: 1745

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.3	30.5
125	19.3	12.2	18.4#



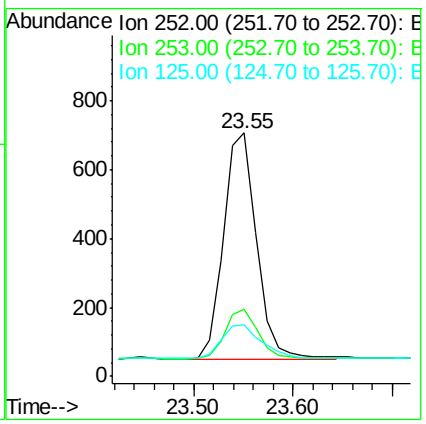


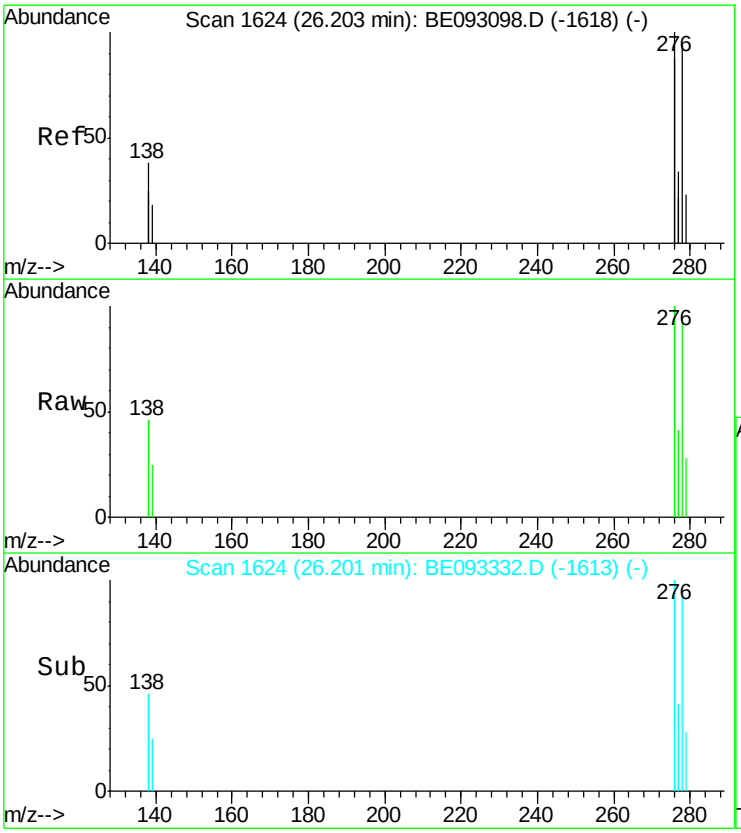
#37
Benzo(a)pyrene
Concen: 0.44 ng
RT: 23.55 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 1530

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.9	29.9
125	21.2	14.6	21.8

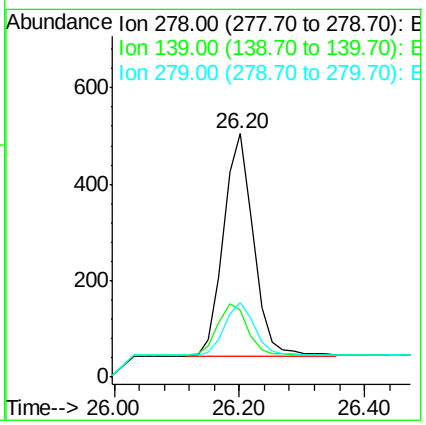


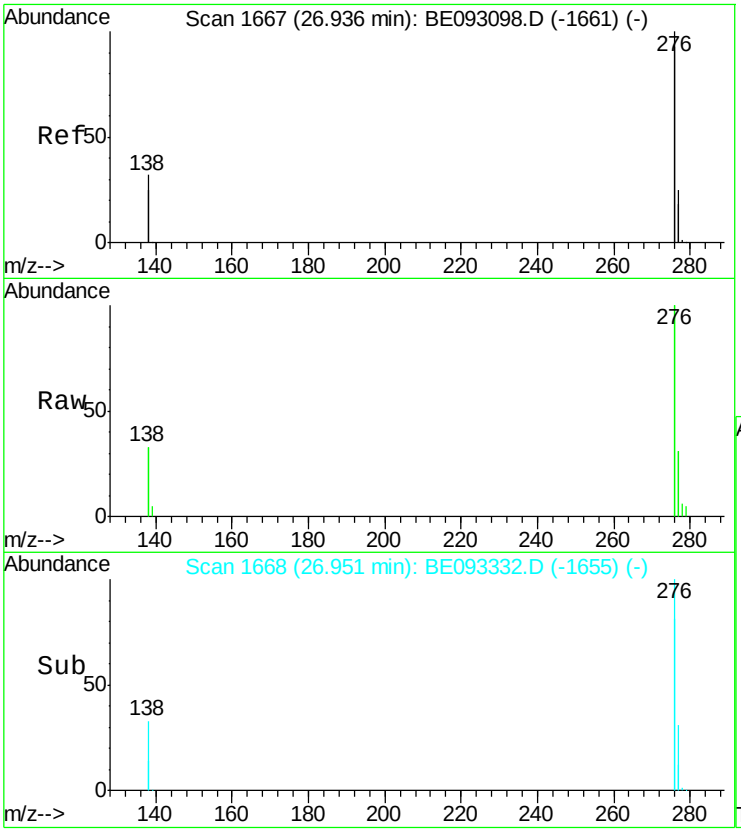


#38
Dibenzo(a,h)anthracene
Concen: 0.43 ng
RT: 26.20 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:278 Resp: 1542

Ion	Ratio	Lower	Upper
278	100		
139	27.3	21.4	32.0
279	30.9	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 26.95 min Scan# 1668
Delta R.T. 0.02 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 6138

Ion	Ratio	Lower	Upper
276	100		
277	30.8	21.2	31.8
138	32.8	24.5	36.7