Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
Data File : BE093903.D
Acq On : 1 Sep 2017 15:43
Operator : SJ/JU
Sample : PB101940BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB101940BS

Quant Time: Sep 02 01:19:13 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:31:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1761	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	7856	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	4113	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	9471	0.40	ng		0.00
27) Chrysene-d12	21.42	240	13966	0.40	ng		0.00
34) Perylene-d12	23.93	264	12044	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	1992	0.37	ng		0.00
5) Phenol-d6	7.10	99	2614	0.32	ng		0.01
8) Nitrobenzene-d5	9.06	82	2397	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	4434	0.36	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	401	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5427	0.33	ng		0.00
25) Fluoranthene-d10	19.27	212	50887	0.47	ng		0.00
29) Terphenyl-d14	19.87	244	10890	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	884	0.365	ng	#	18
3) n-Nitrosodimethylamine	3.74	42	983	0.365	ng		96
6) bis(2-Chloroethyl)ether	7.34	93	1919	0.301	ng		96
9) Naphthalene	10.76	128	25874	0.289	ng		100
10) Hexachlorobutadiene	11.04	225	1012	0.320	ng		99
12) 2-Methylnaphthalene	12.36	142	4209	0.282	ng		96
16) Acenaphthylene	14.24	152	6080	0.299	ng		99
17) Acenaphthene	14.58	154	4012	0.292	ng		98
18) Fluorene	15.56	166	5447	0.307	ng		100
20) 4-Bromophenyl-phenylether	16.45	248	1373	0.365	ng		88
21) Hexachlorobenzene	16.58	284	1080	0.312	ng	#	100
22) Pentachlorophenol	16.94	266	591	0.398	ng		98
23) Phenanthrene	17.30	178	7541	0.313	ng	#	99
24) Anthracene	17.36	178	8707	0.303	ng	#	98
26) Fluoranthene	19.30	202	12775	0.387	ng		100
28) Pyrene	19.67	202	13371	0.285	ng		99
30) Benzo(a)anthracene	21.39	228	12422	0.299	ng		97
31) Chrysene	21.45	228	13141	0.285	ng		99
32) Bis(2-ethylhexyl)phthalate	21.30	149	34296	0.392	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.59	276	10462	0.333	ng		97
35) Benzo(b)fluoranthene	23.15	252	10836	0.282	ng		97
36) Benzo(k)fluoranthene	23.21	252	13525	0.308	ng		95
37) Benzo(a)pyrene	23.82	252	11526	0.302	ng		96
38) Dibenzo(a,h)anthracene	26.61	278	8174	0.303	ng	#	93
39) Benzo(g,h,i)perylene	27.39	276	9342	0.318	ng		96

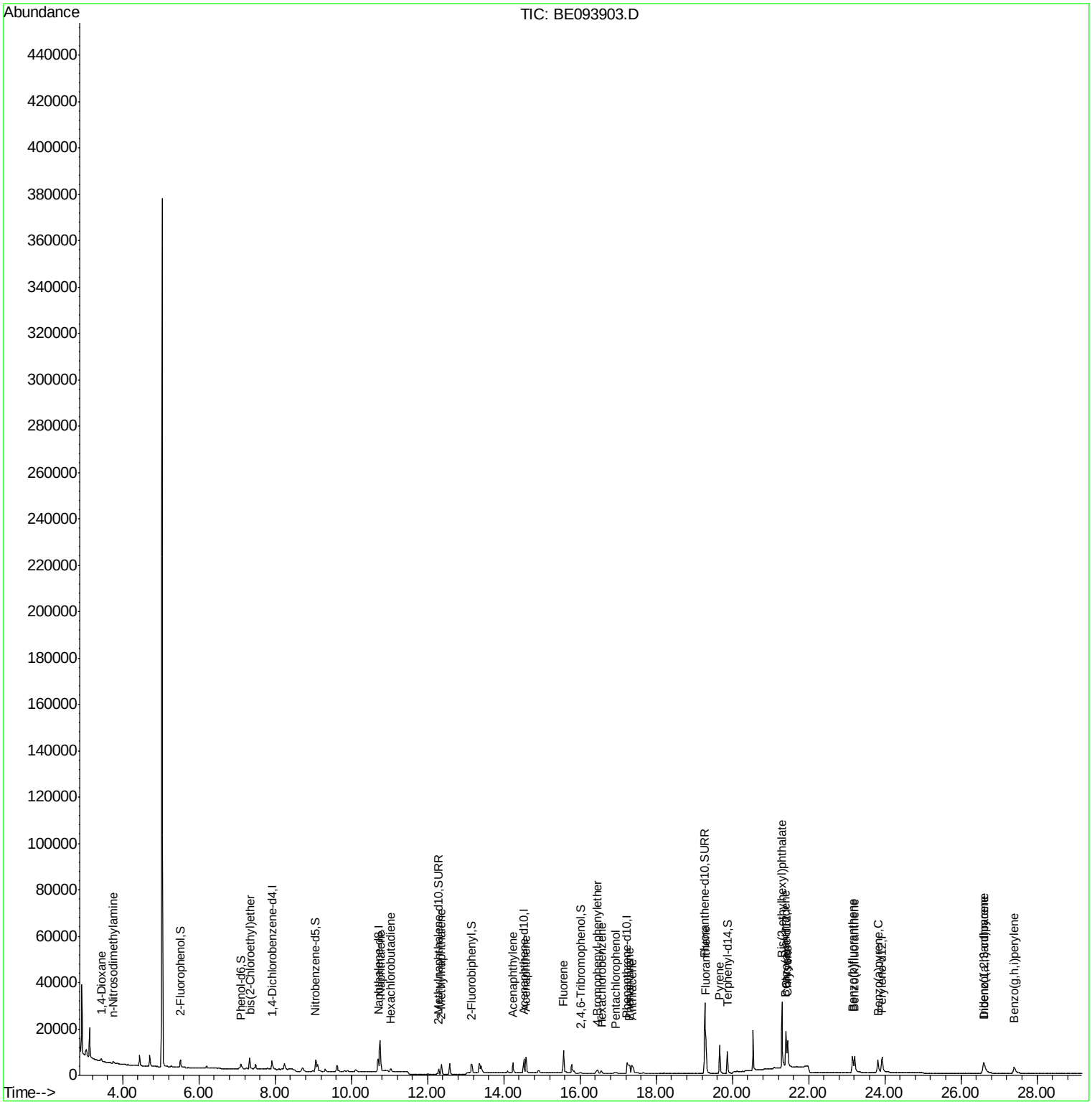
(#) = qualifier out of range (m) = manual integration (+) = signals summed

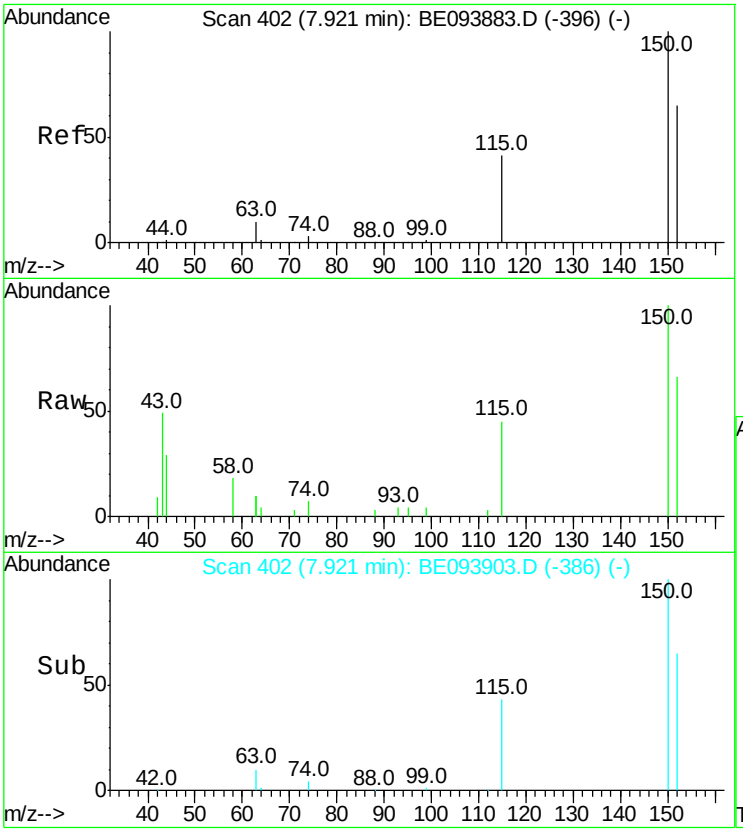
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
Data File : BE093903.D
Acq On : 1 Sep 2017 15:43
Operator : SJ/JU
Sample : PB101940BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Quant Time: Sep 02 01:19:13 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:31:36 2017
Response via : Initial Calibration



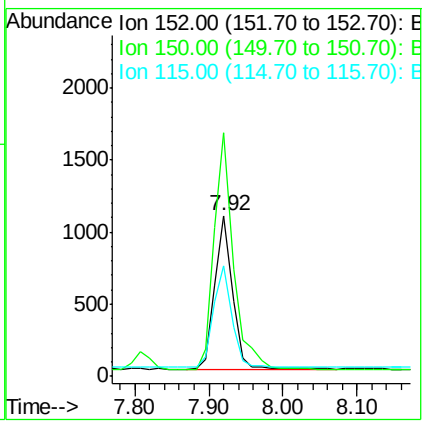


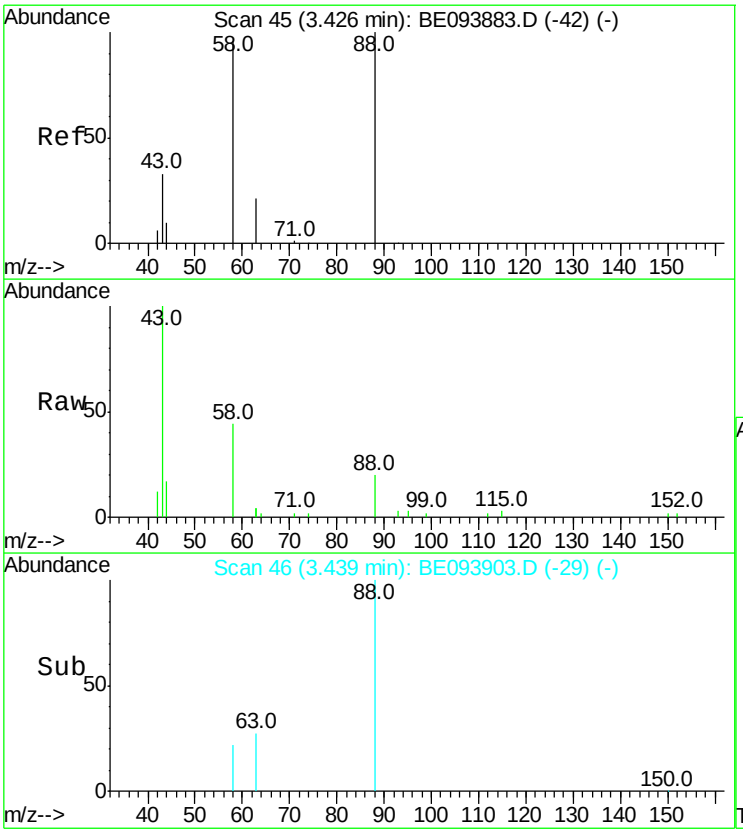
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:152 Resp: 1761

Ion	Ratio	Lower	Upper
152	100		
150	151.2	121.8	182.6
115	68.8	52.6	79.0

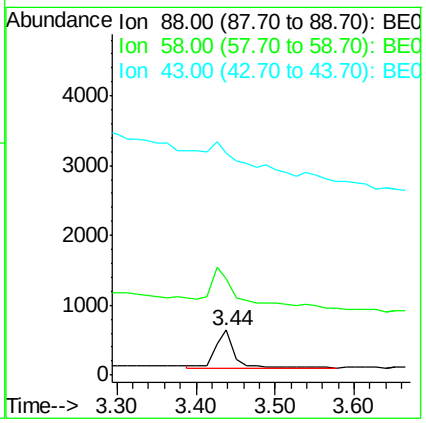


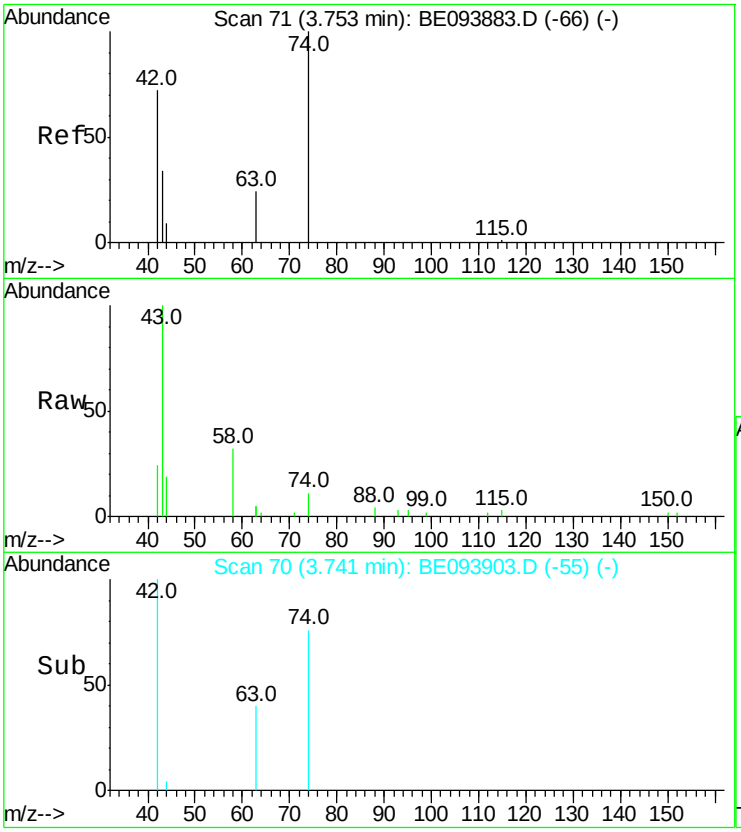


#2
1,4-Dioxane
Concen: 0.365 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion: 88 Resp: 884

Ion	Ratio	Lower	Upper
88	100		
58	164.0	65.4	98.0#
43	0.0	23.9	35.9#



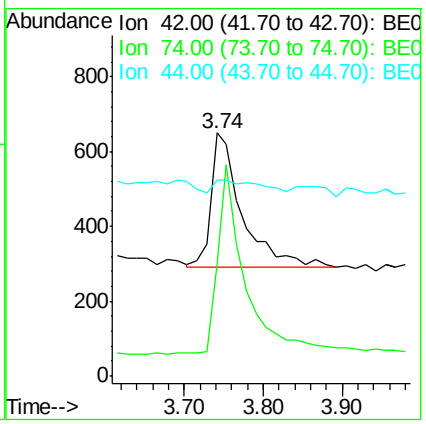


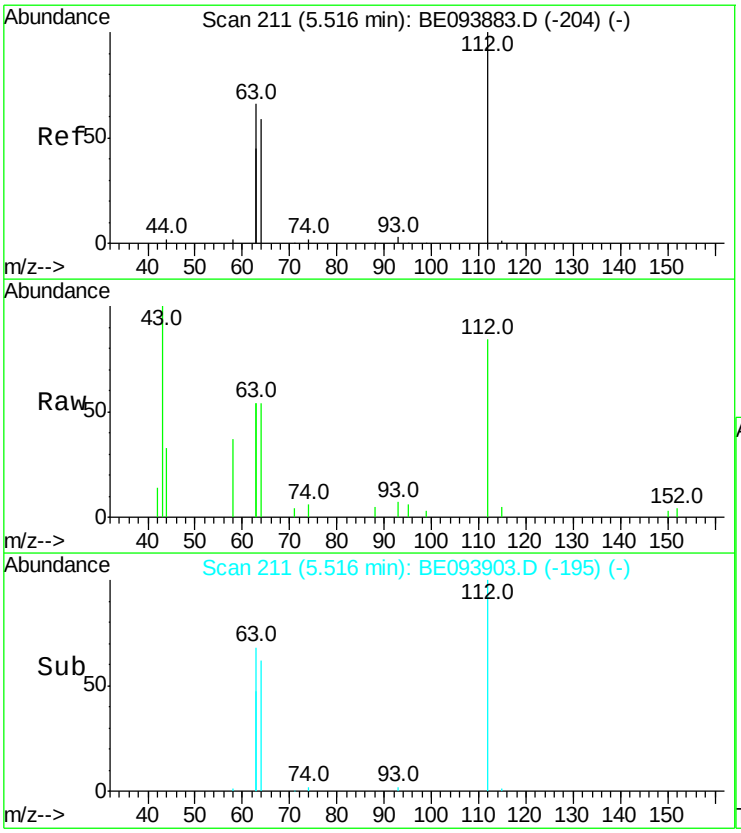
#3
n-Nitrosodimethylamine
Concen: 0.365 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion: 42 Resp: 983

Ion	Ratio	Lower	Upper
42	100		
74	124.7	104.0	156.0
44	15.5	13.8	20.8

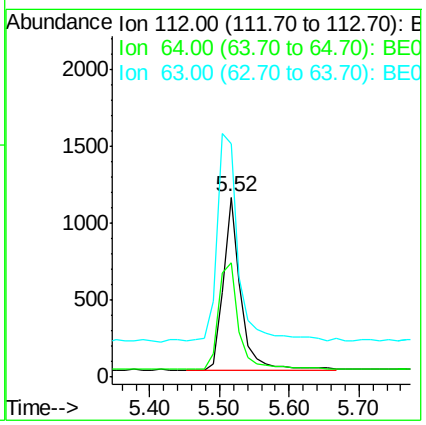


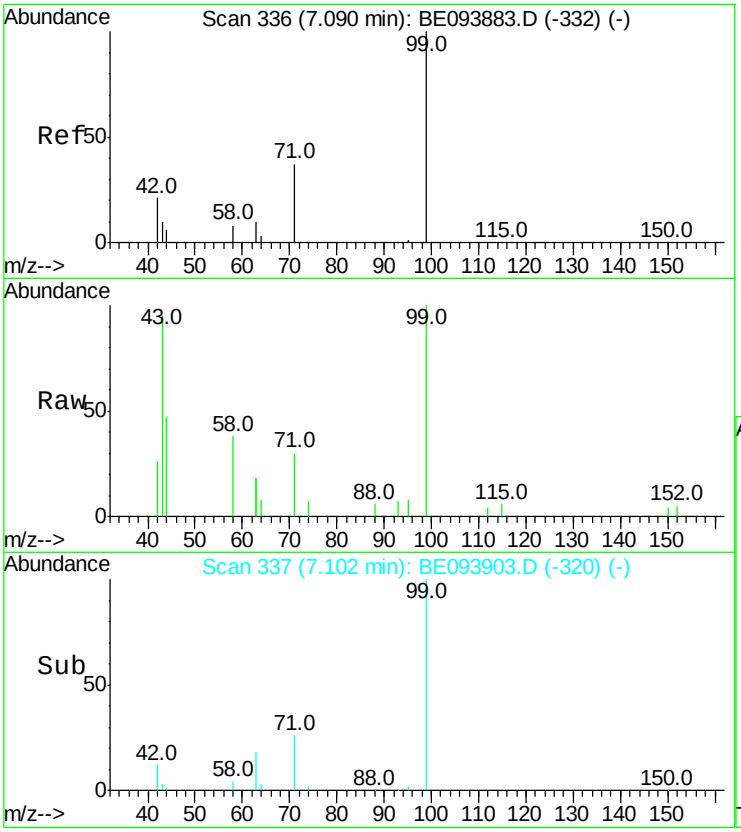


#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.52 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:112 Resp: 1992

Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.7	86.5
63	147.1	116.0	174.0



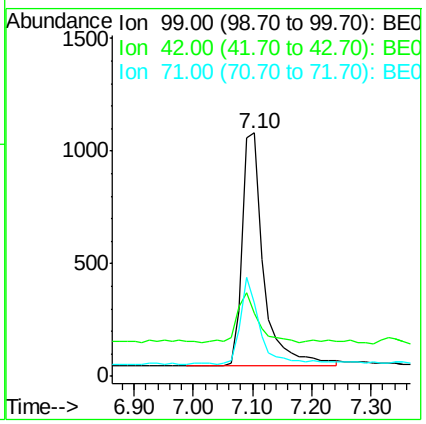


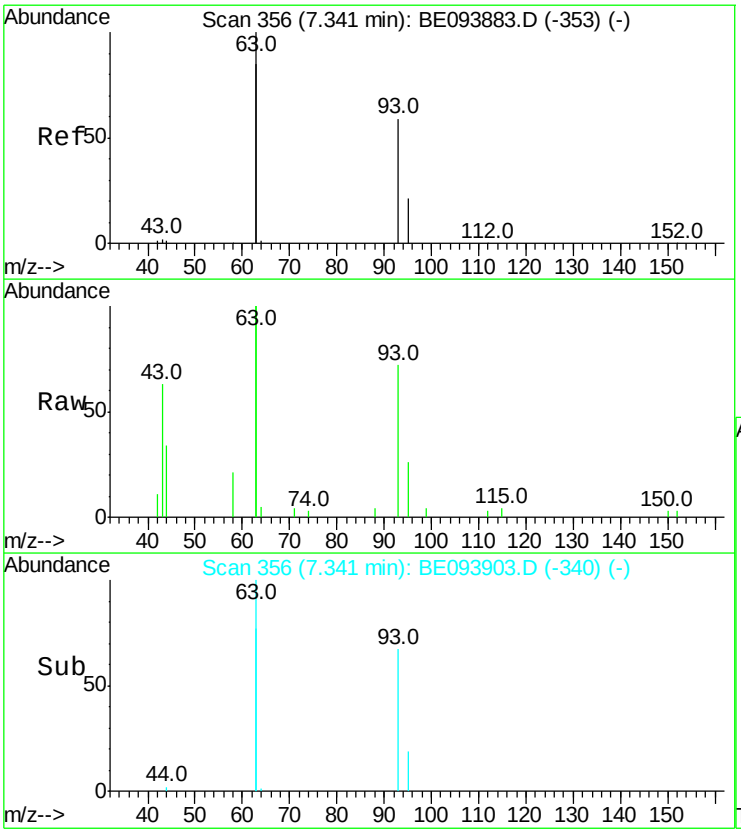
#5
Phenol-d6
Concen: 0.316 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion: 99 Resp: 2614

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.1	25.7
71	33.2	26.6	39.8

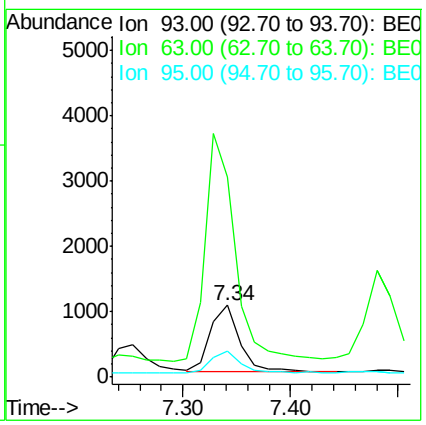


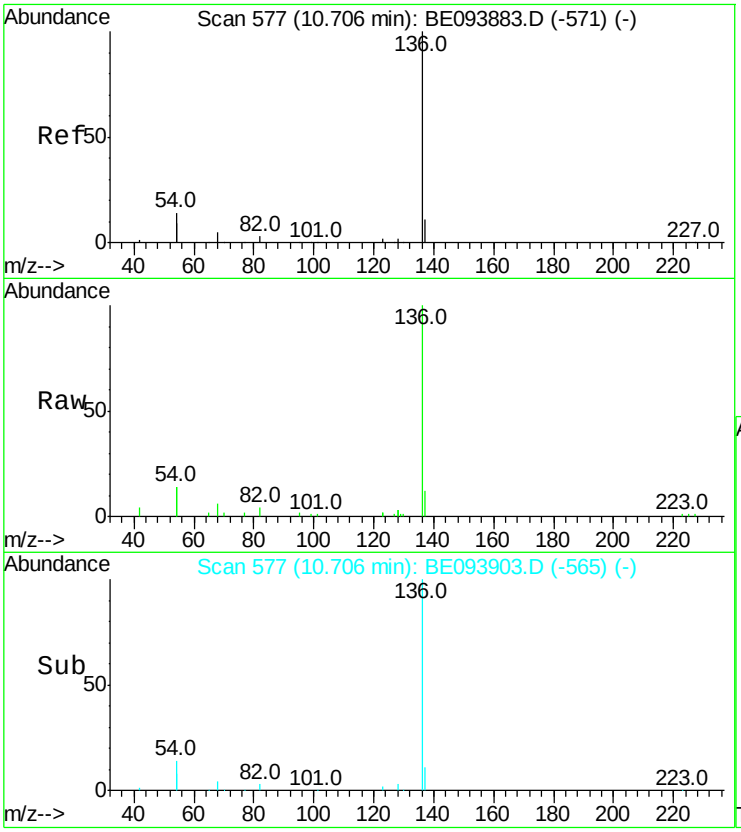


#6
bis(2-Chloroethyl)ether
Concen: 0.301 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion: 93 Resp: 1919

Ion	Ratio	Lower	Upper
93	100		
63	346.1	283.4	425.2
95	32.2	26.9	40.3



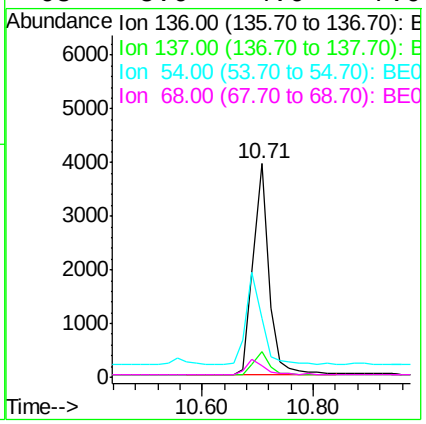


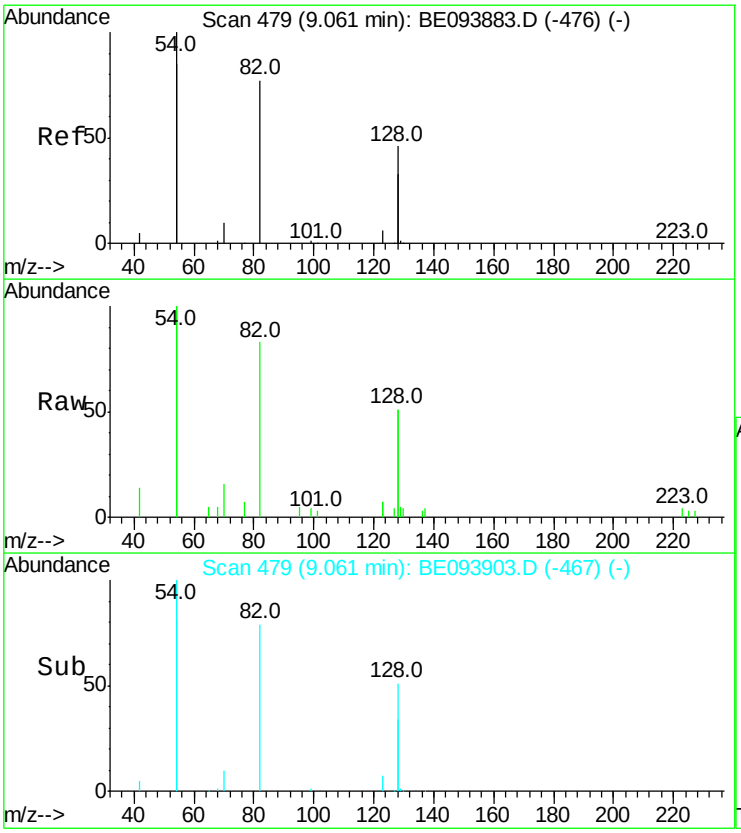
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:136 Resp: 7856

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	27.4	21.9	32.9
68	5.6	4.6	7.0

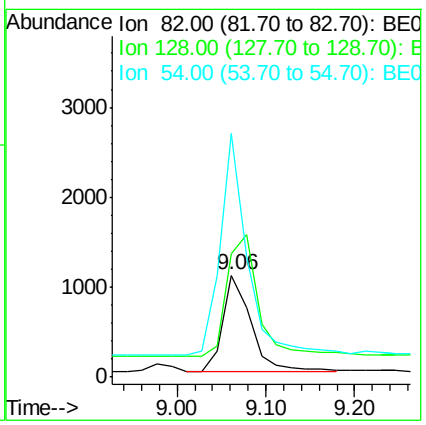


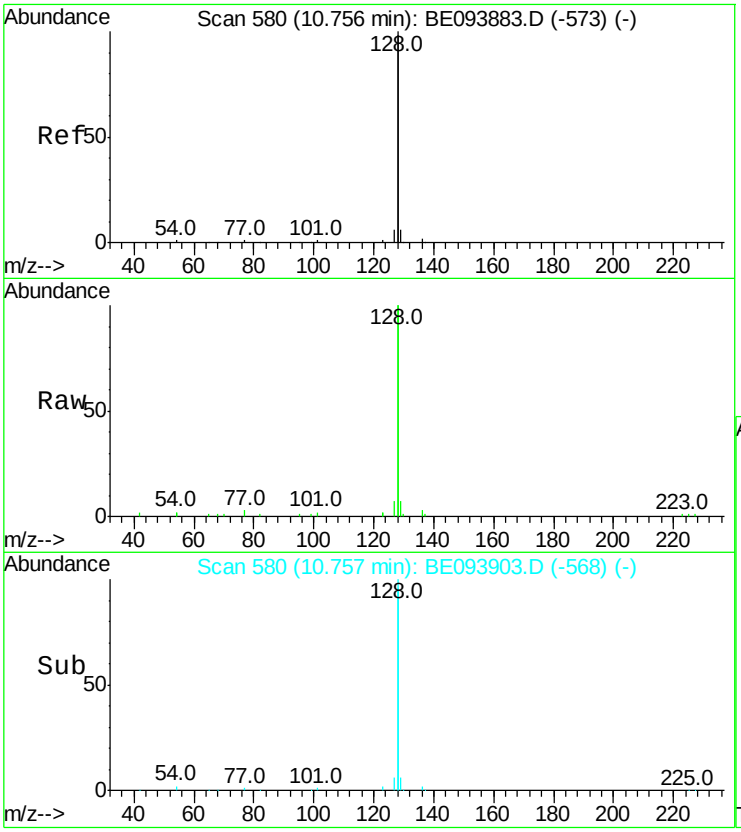


#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion: 82 Resp: 2397

Ion	Ratio	Lower	Upper
82	100		
128	121.8	91.4	137.0
54	239.6	197.8	296.8



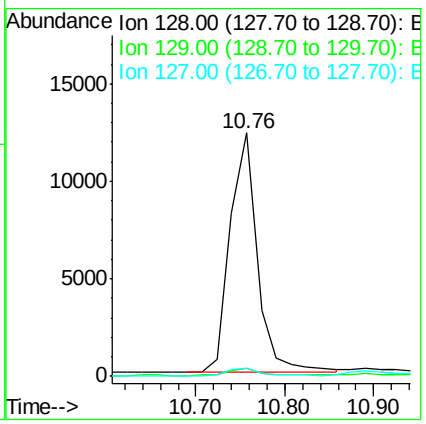


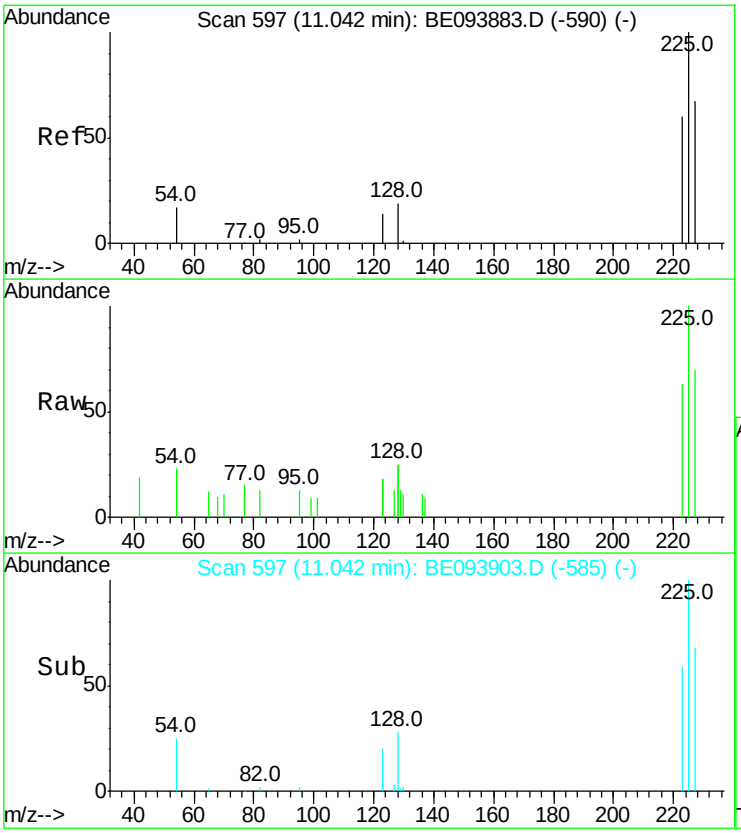
#9
Naphthalene
Concen: 0.289 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:128 Resp: 25874

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.5	3.7
127	3.4	2.6	4.0

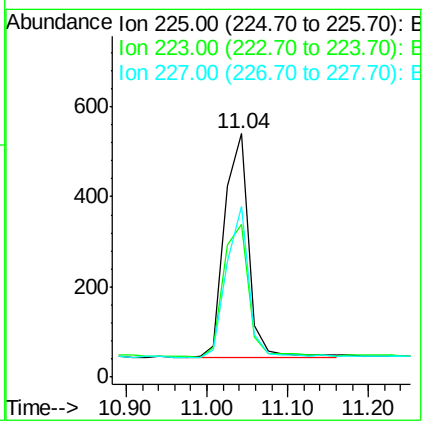


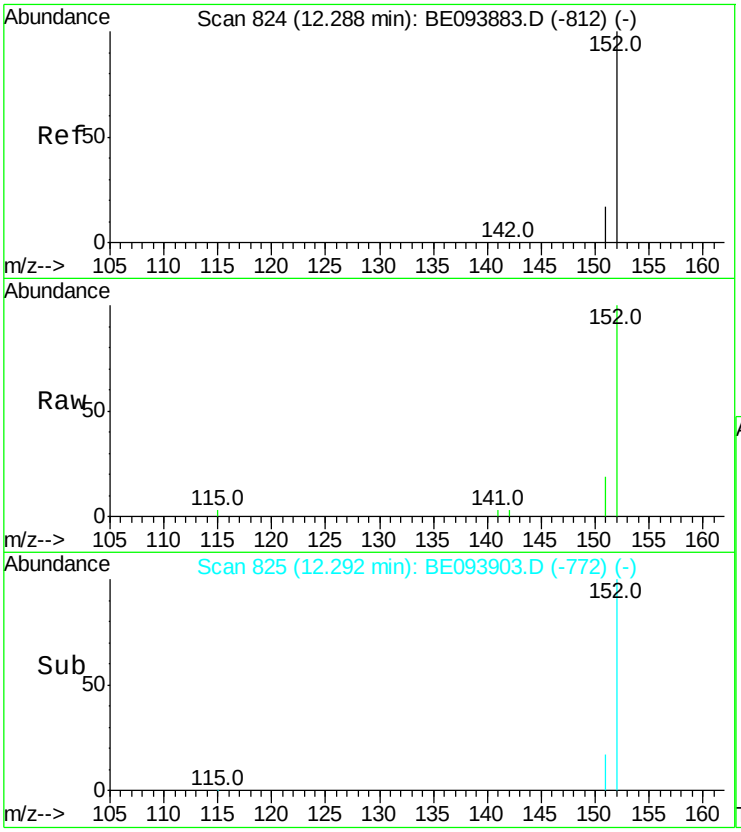


#10
Hexachlorobutadiene
Concen: 0.320 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:225 Resp: 1012

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.0
227	62.5	50.5	75.7



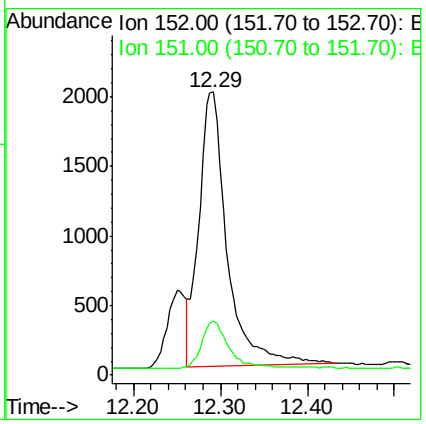


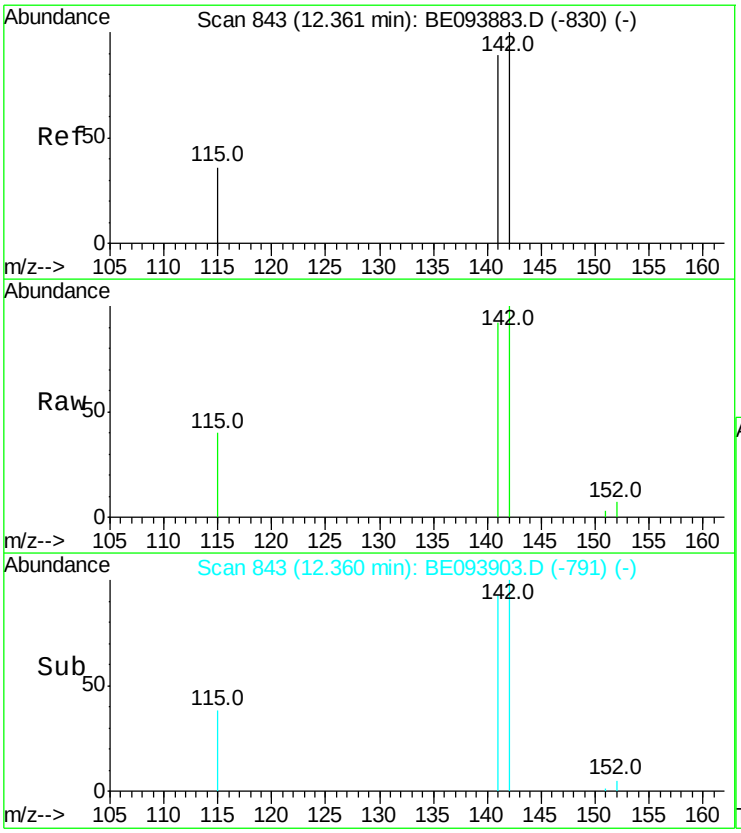
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.29 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:152 Resp: 4434

Ion	Ratio	Lower	Upper
152	100		
151	17.2	15.4	23.0

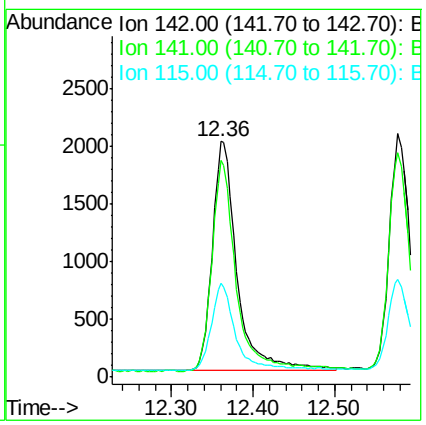


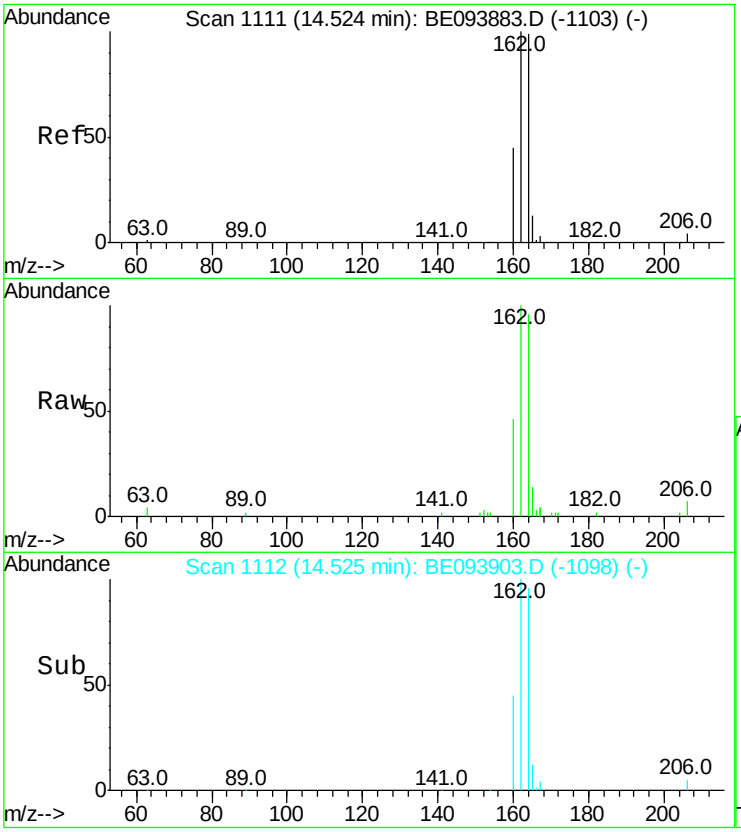


#12
2-Methylnaphthalene
Concen: 0.282 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:142 Resp: 4209

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.4	107.2
115	40.1	29.4	44.0



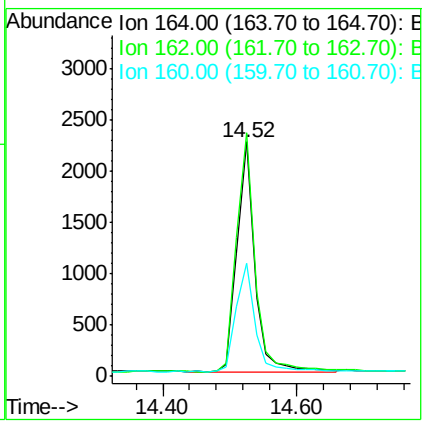


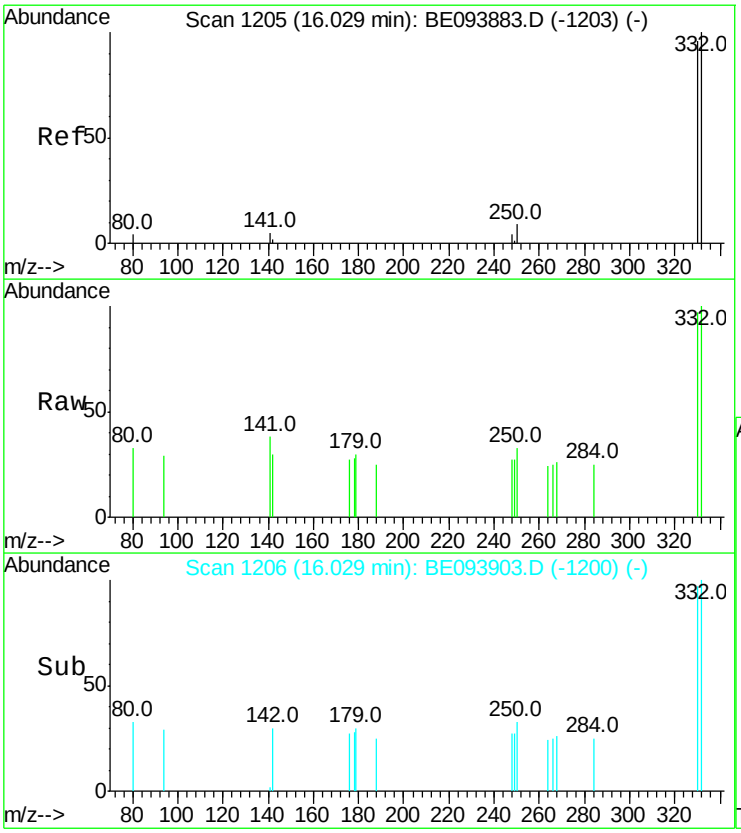
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:164 Resp: 4113

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.8	121.2
160	48.2	37.0	55.4

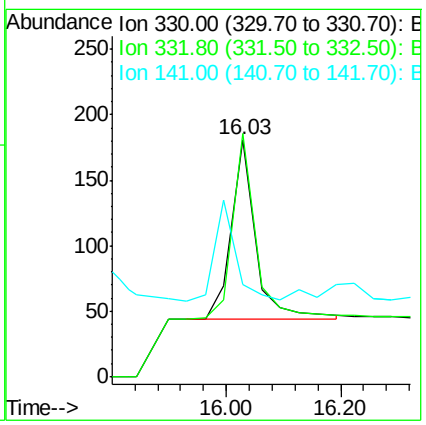


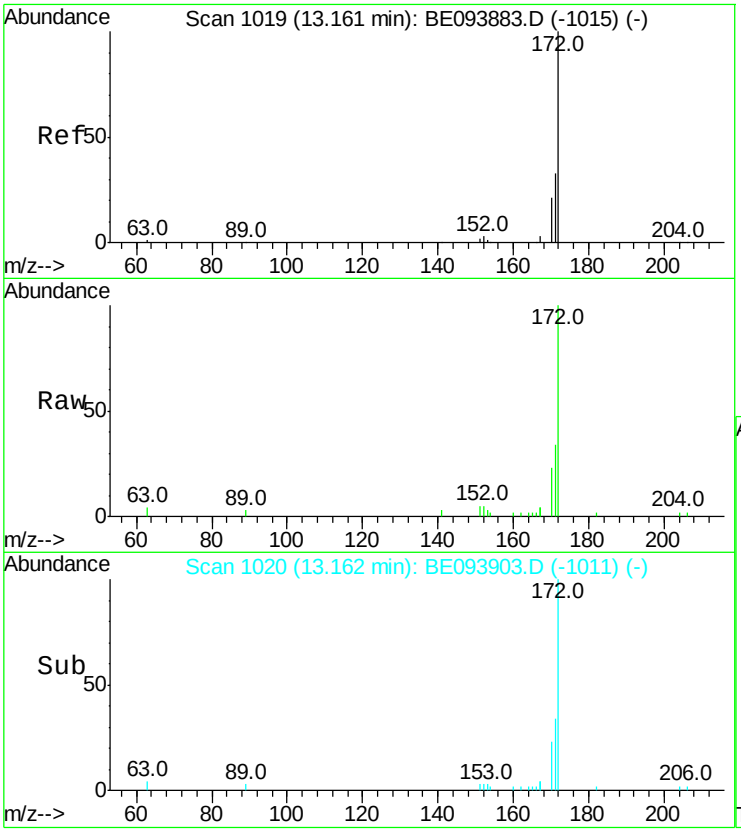


#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:330 Resp: 401

Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.9	115.3
141	0.0	0.0	0.0



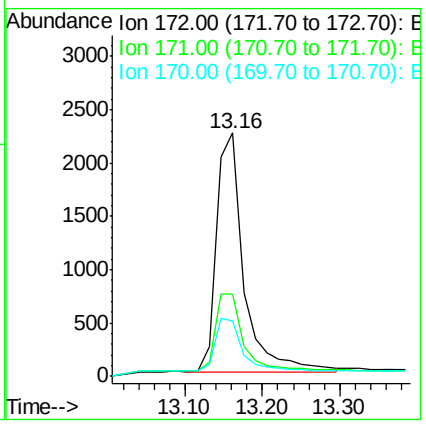


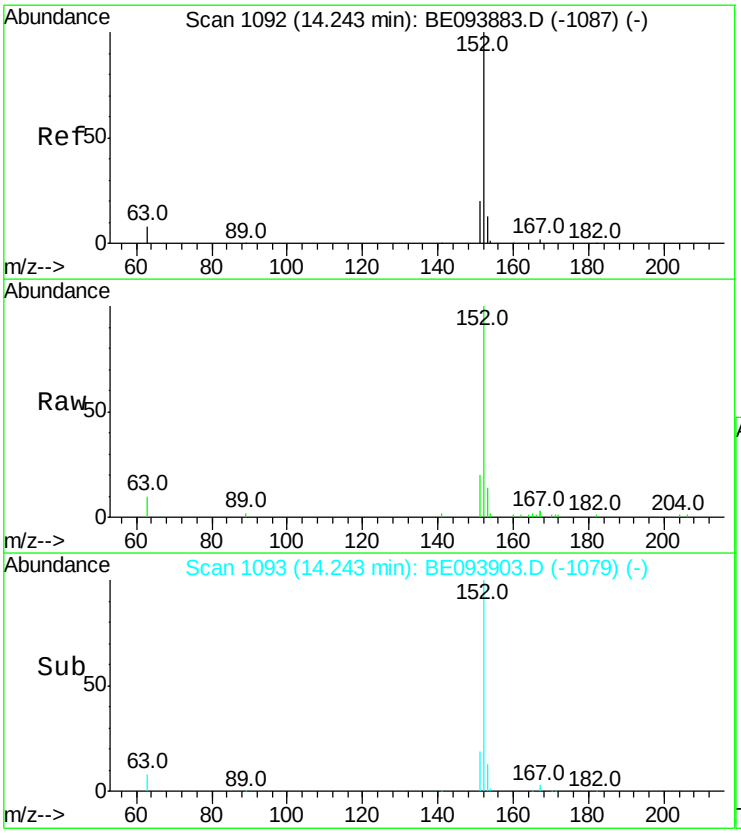
#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:172 Resp: 5427

Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.9	40.3
170	22.8	17.3	25.9

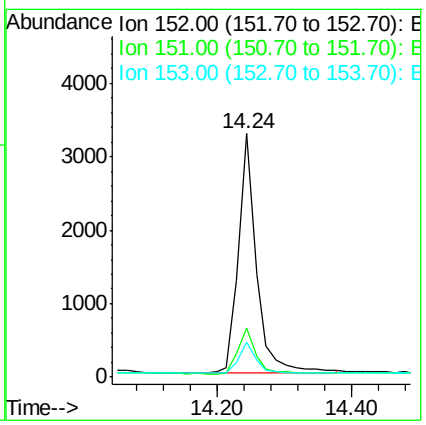


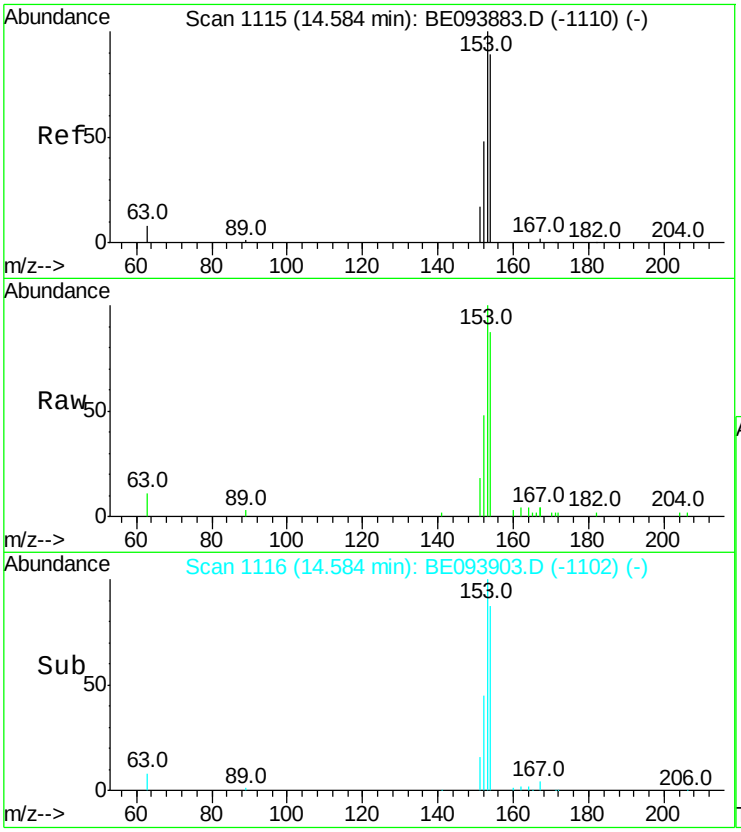


#16
Acenaphthylene
Concen: 0.299 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:152 Resp: 6080

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.3	10.6	16.0



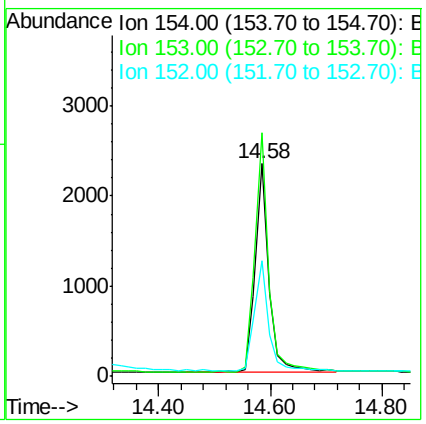


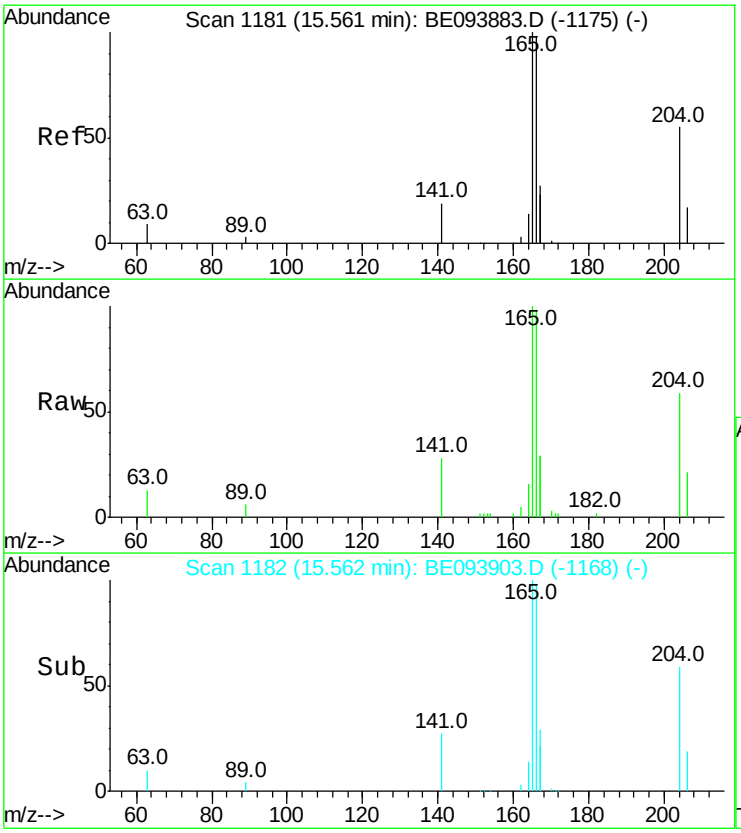
#17
Acenaphthene
Concen: 0.292 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:154 Resp: 4012

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.8	137.6
152	54.2	44.9	67.3

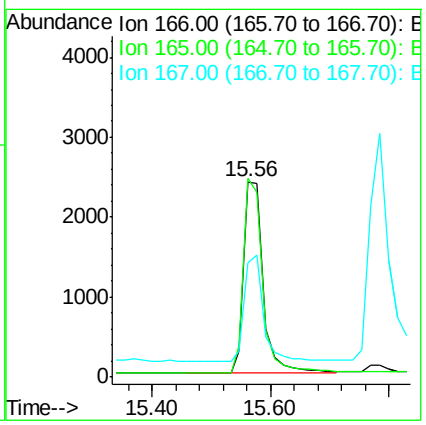


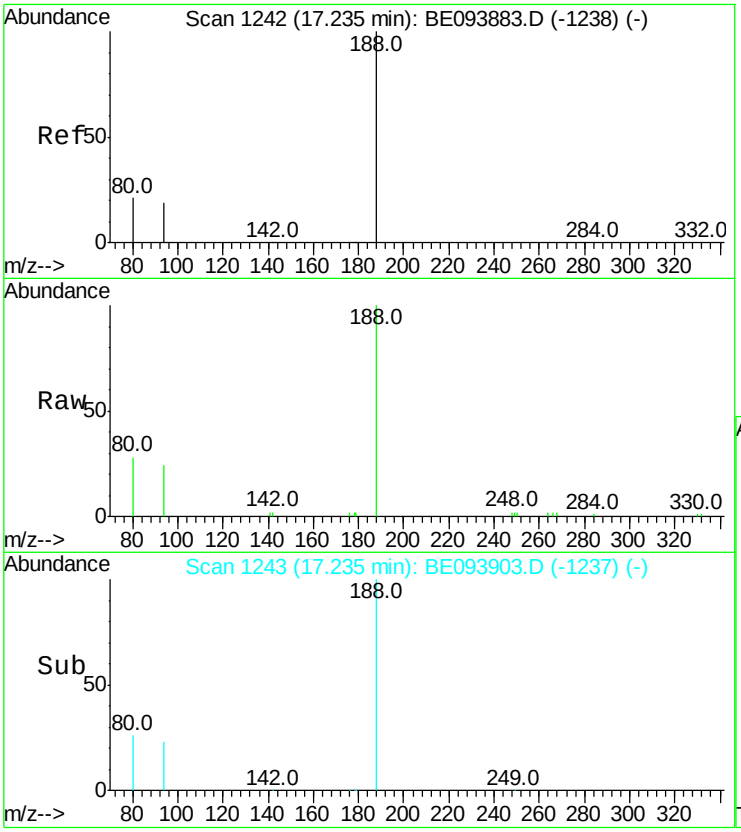


#18
Fluorene
Concen: 0.307 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:166 Resp: 5447

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.4	119.0
167	54.3	43.5	65.3



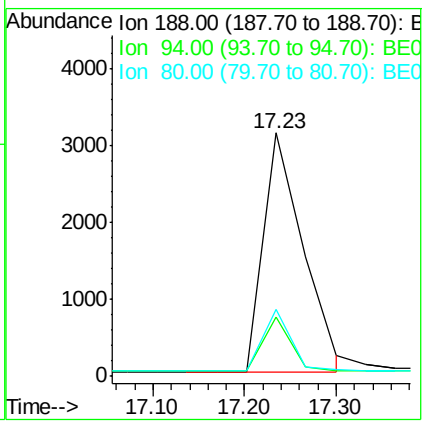


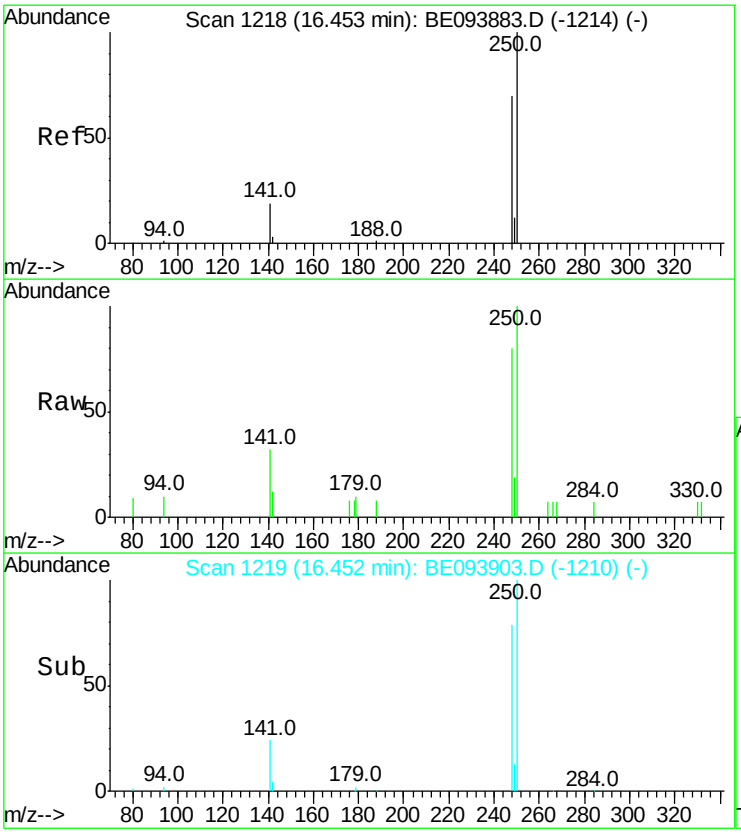
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:188 Resp: 9471

Ion	Ratio	Lower	Upper
188	100		
94	24.3	16.1	24.1#
80	27.8	18.2	27.2#

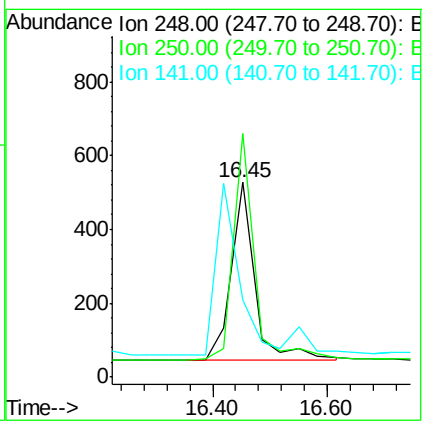


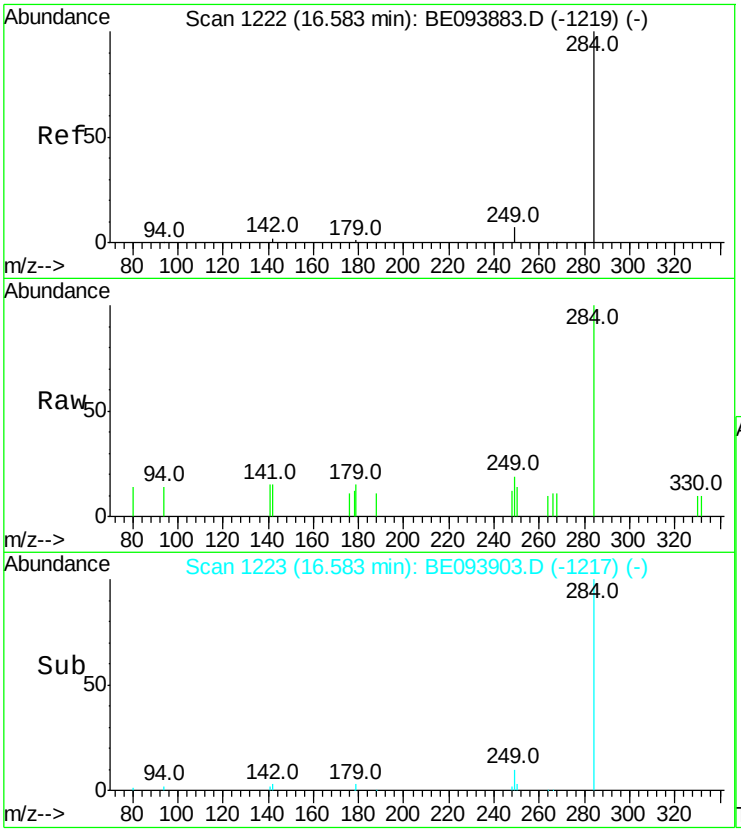


#20
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:248 Resp: 1373

Ion	Ratio	Lower	Upper
248	100		
250	125.2	111.8	167.8
141	39.7	27.1	40.7



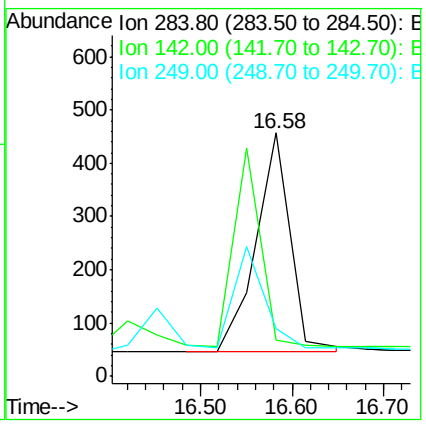


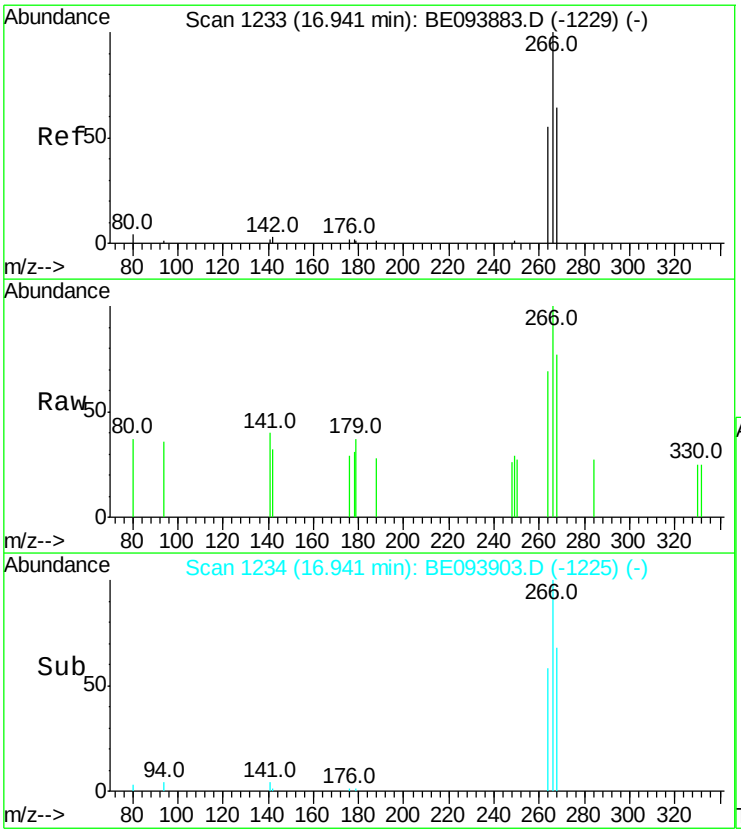
#21
Hexachlorobenzene
Concen: 0.312 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:284 Resp: 1080

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

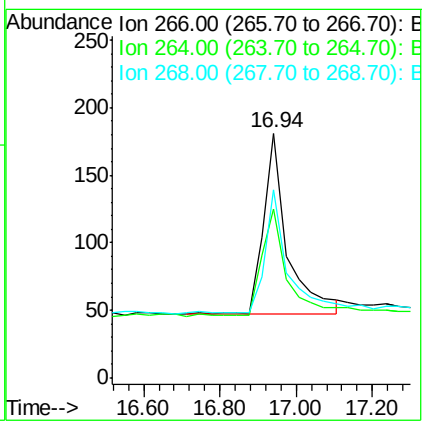


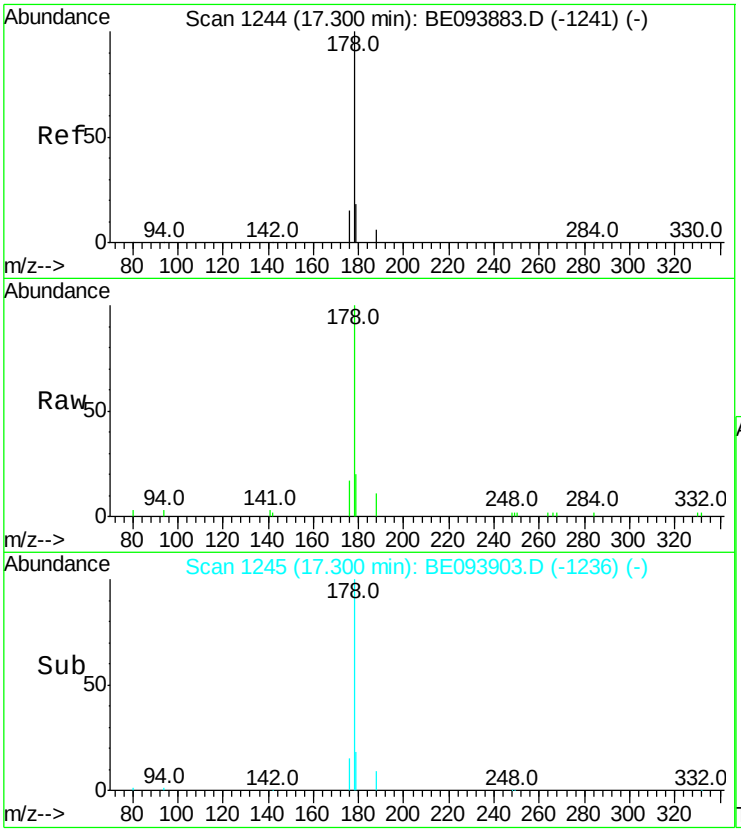


#22
Pentachlorophenol
Concen: 0.398 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:266 Resp: 591

Ion	Ratio	Lower	Upper
266	100		
264	69.1	53.5	80.3
268	76.8	60.0	90.0



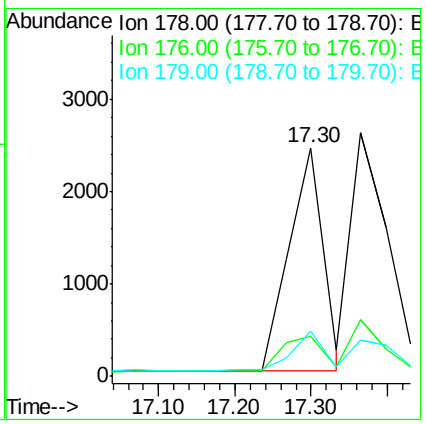


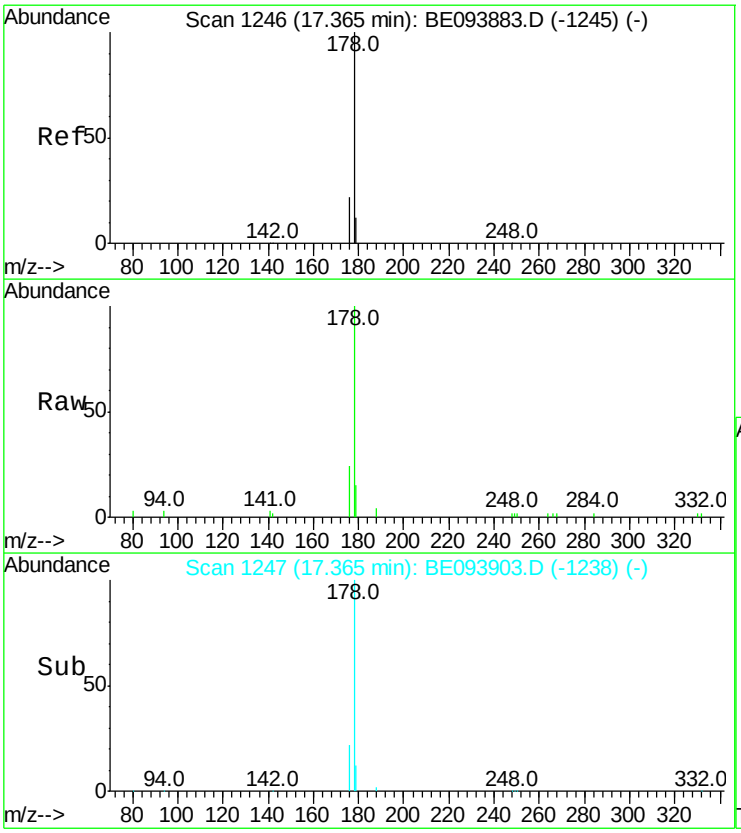
#23
Phenanthrene
Concen: 0.313 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:178 Resp: 7541

Ion	Ratio	Lower	Upper
178	100		
176	18.9	0.0	0.0#
179	16.0	12.6	18.8

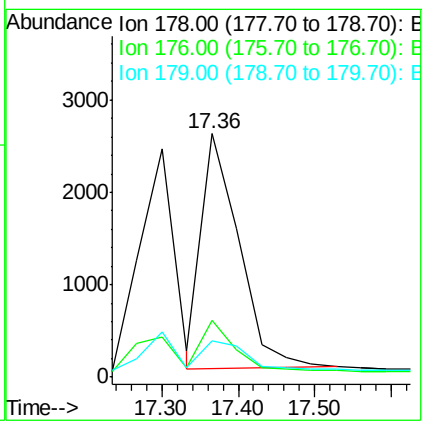


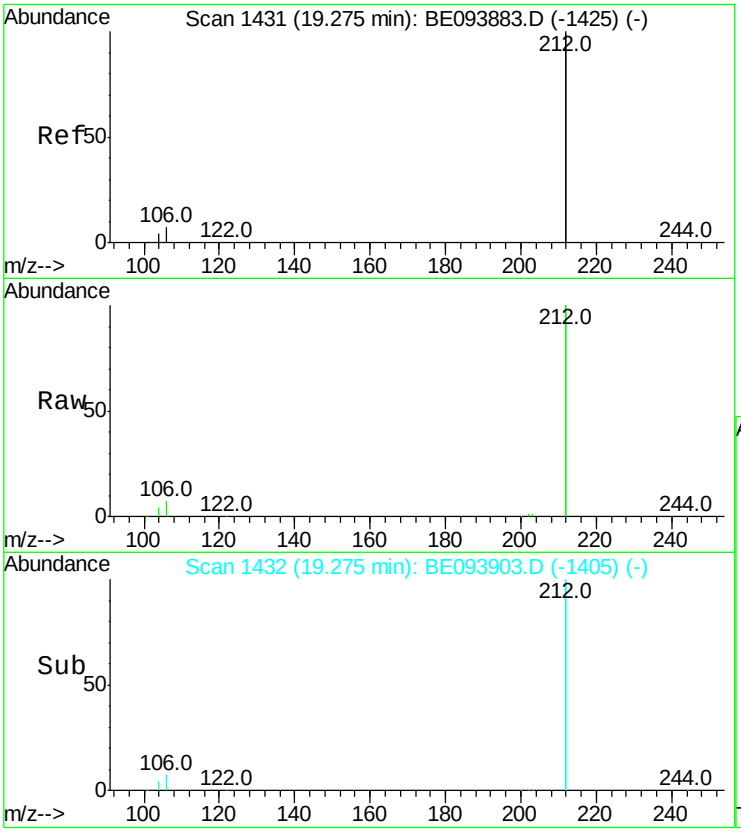


#24
Anthracene
Concen: 0.303 ng
RT: 17.36 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:178 Resp: 8707

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	0.0	0.0	0.0



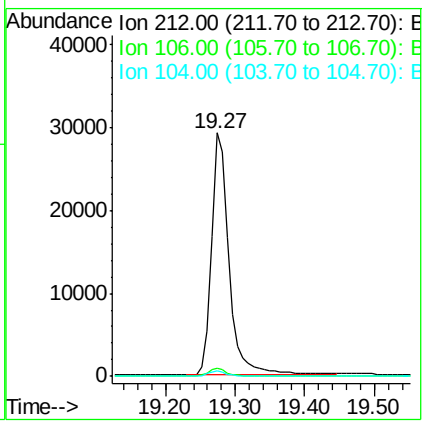


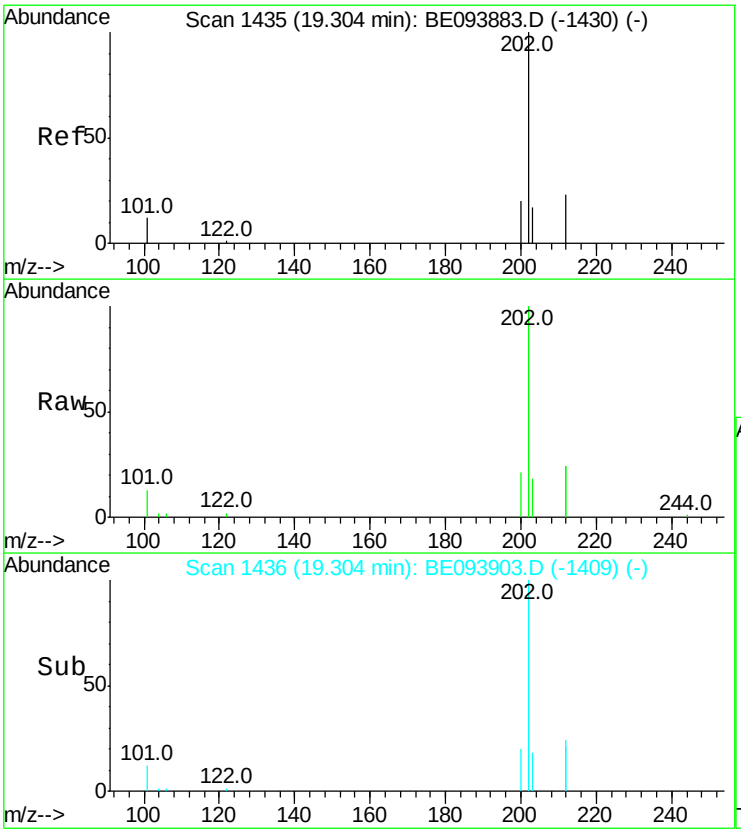
#25
Fluoranthene-d10
Concen: 0.466 ng
RT: 19.27 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:212 Resp: 50887

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.7	4.1
104	1.9	1.6	2.4

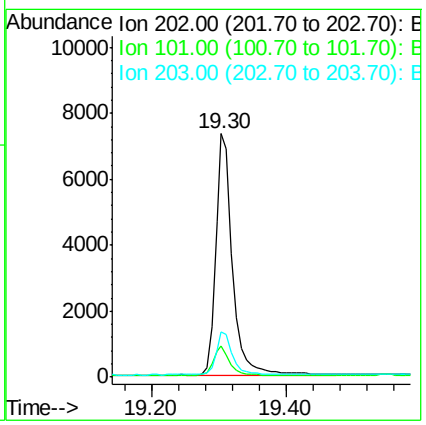


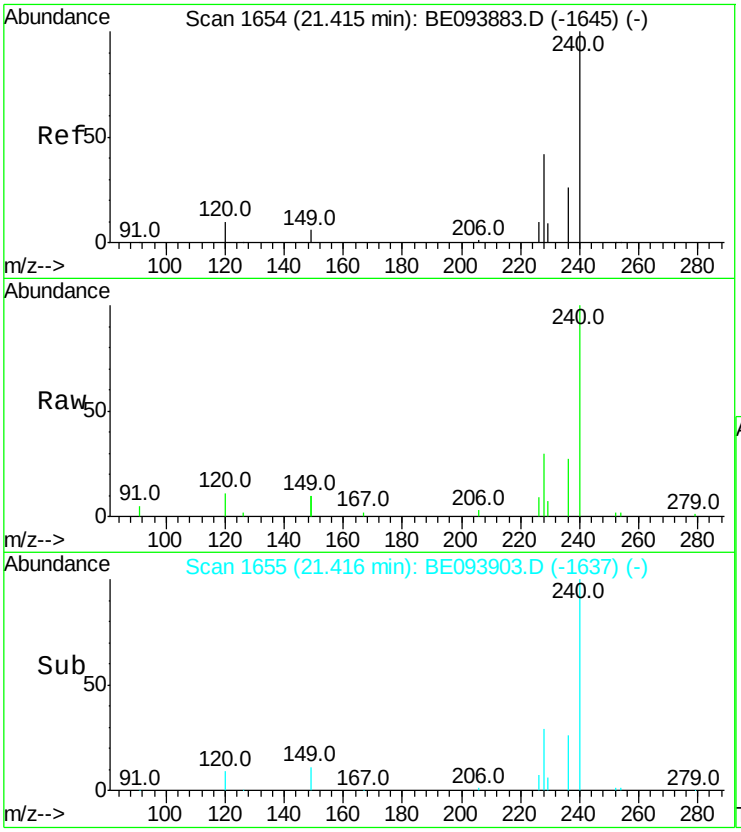


#26
Fluoranthene
Concen: 0.387 ng
RT: 19.30 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:202 Resp: 12775

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.7	14.5
203	17.0	13.7	20.5



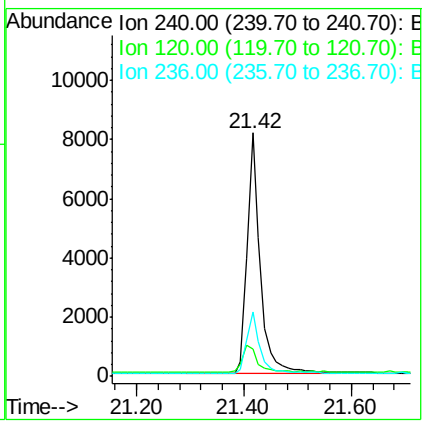


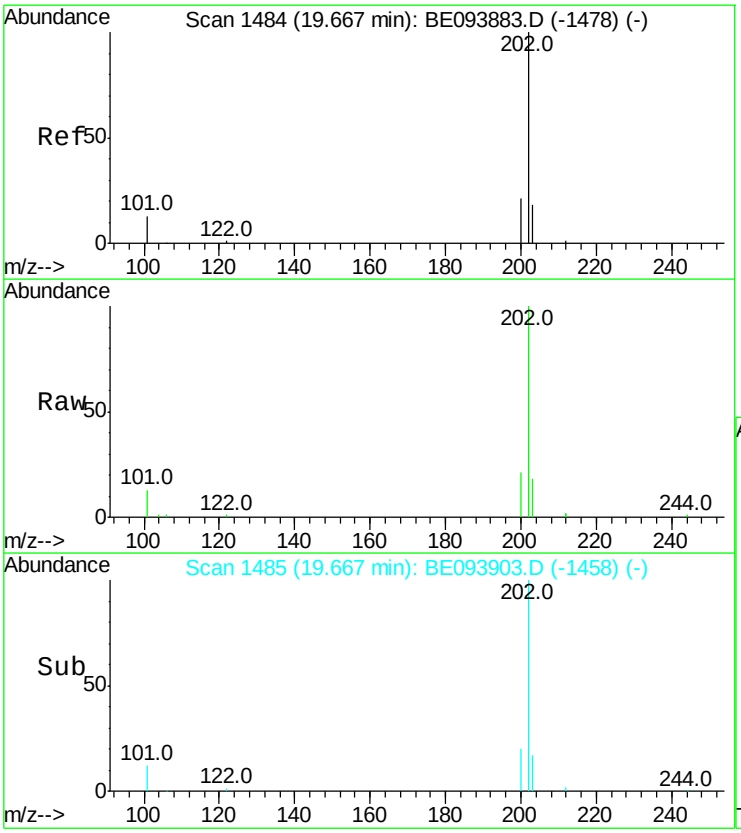
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:240 Resp: 13966

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.7	13.1
236	26.7	21.3	31.9

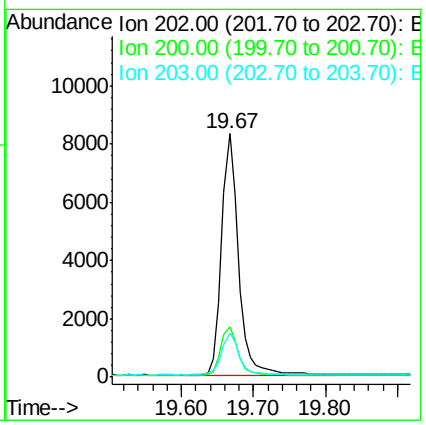


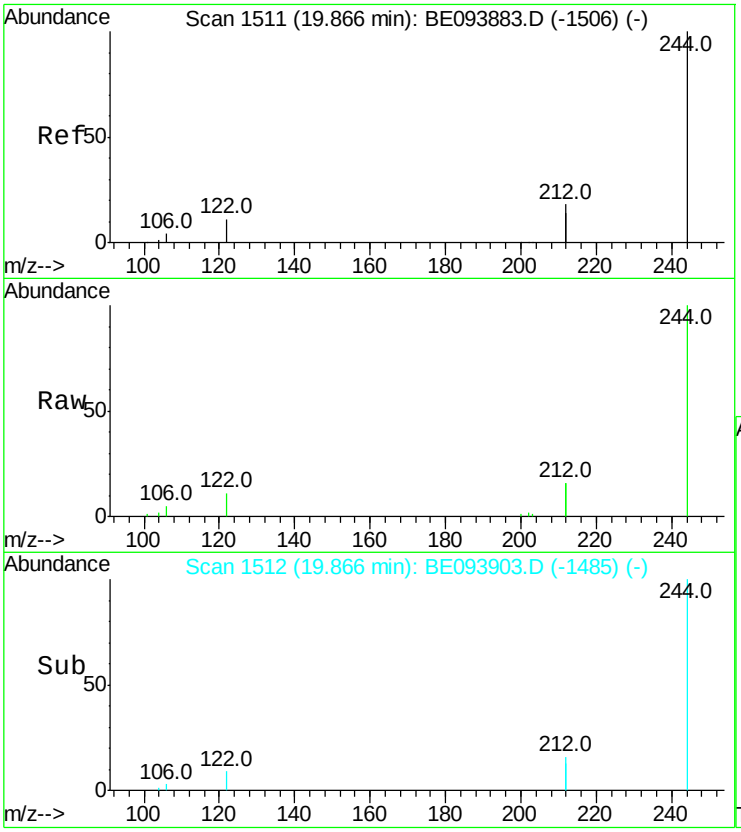


#28
Pyrene
Concen: 0.285 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:202 Resp: 13371

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	18.3	14.2	21.4



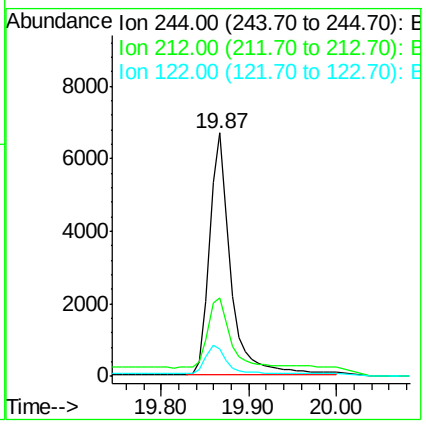


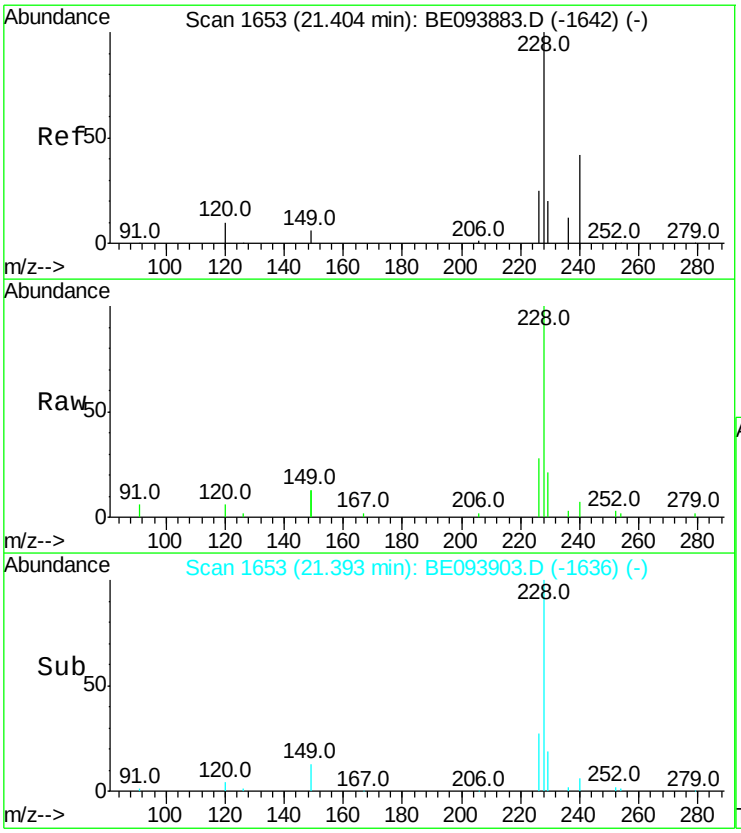
#29
Terphenyl-d14
Concen: 0.431 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:244 Resp: 10890

Ion	Ratio	Lower	Upper
244	100		
212	32.5	28.3	42.5
122	11.1	9.4	14.0

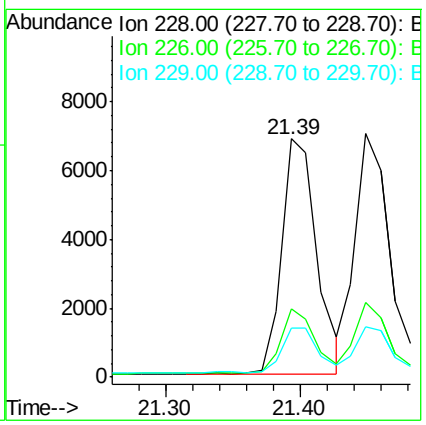


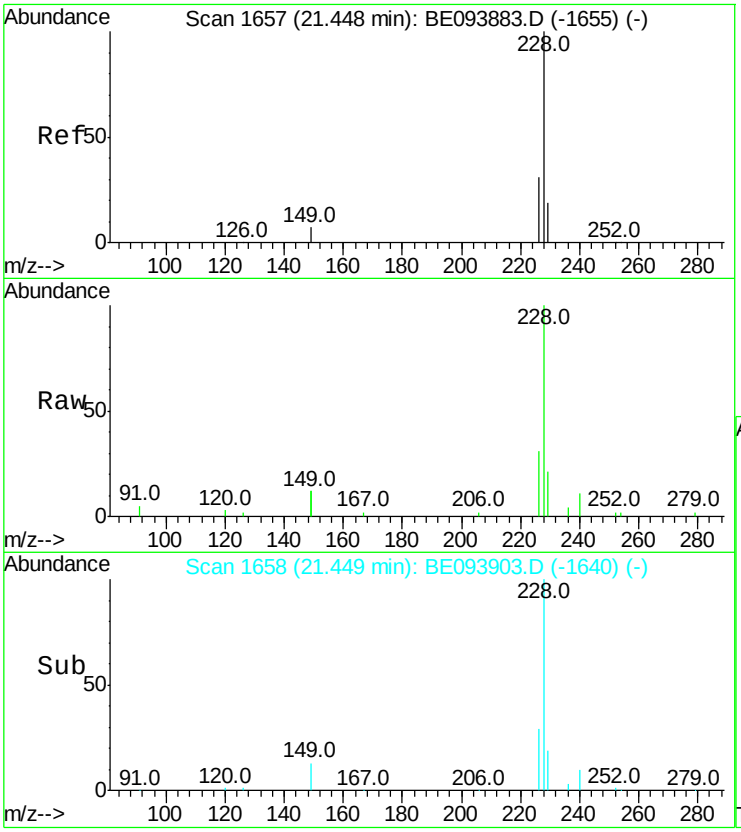


#30
Benzo(a)anthracene
Concen: 0.299 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:228 Resp: 12422

Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.8	31.2
229	20.6	16.6	25.0



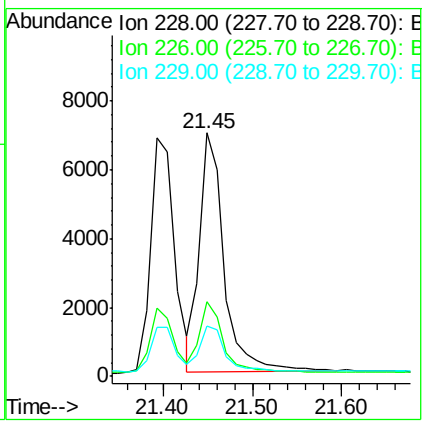


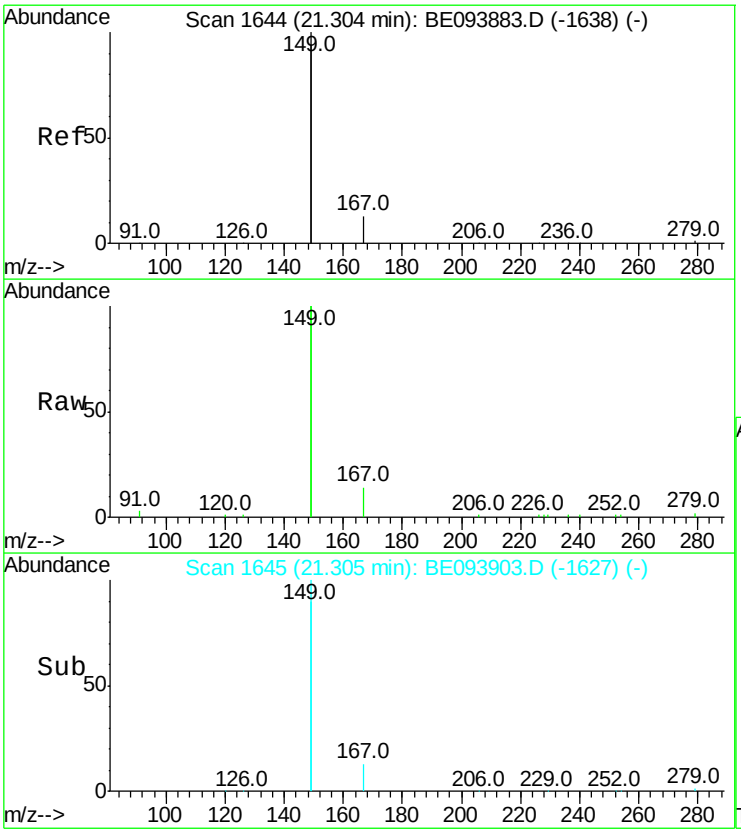
#31
Chrysene
Concen: 0.285 ng
RT: 21.45 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:228 Resp: 13141

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	20.8	15.8	23.8

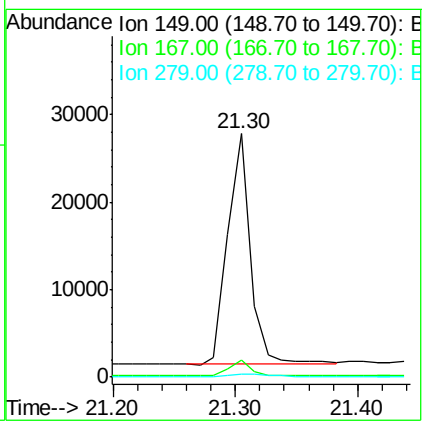


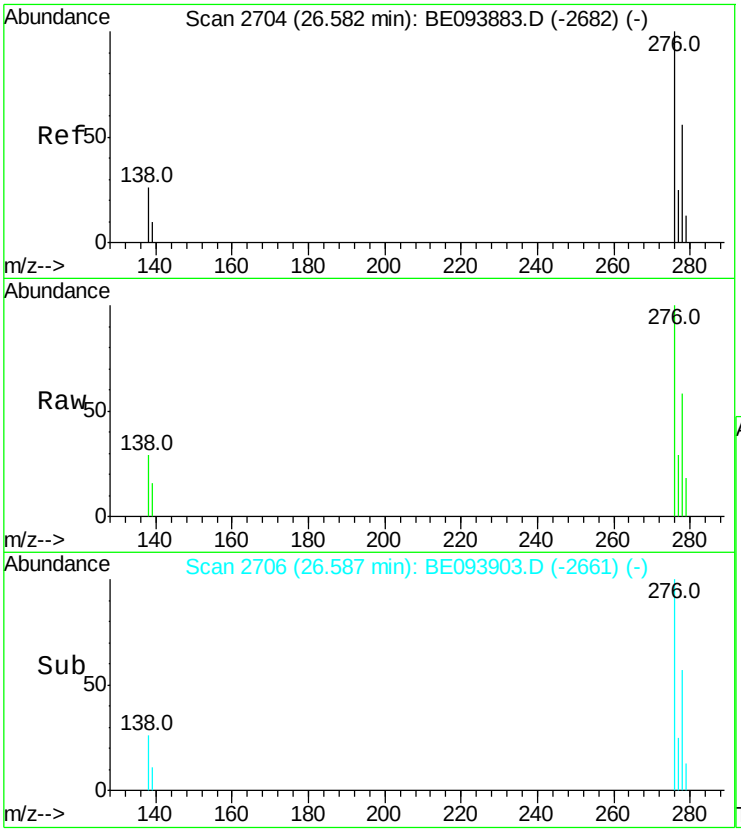


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.392 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:149 Resp: 34296

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	0.7	1.1#



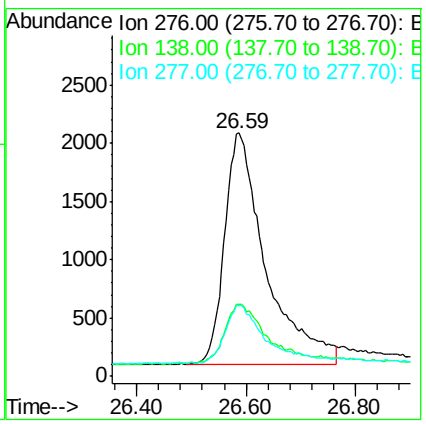


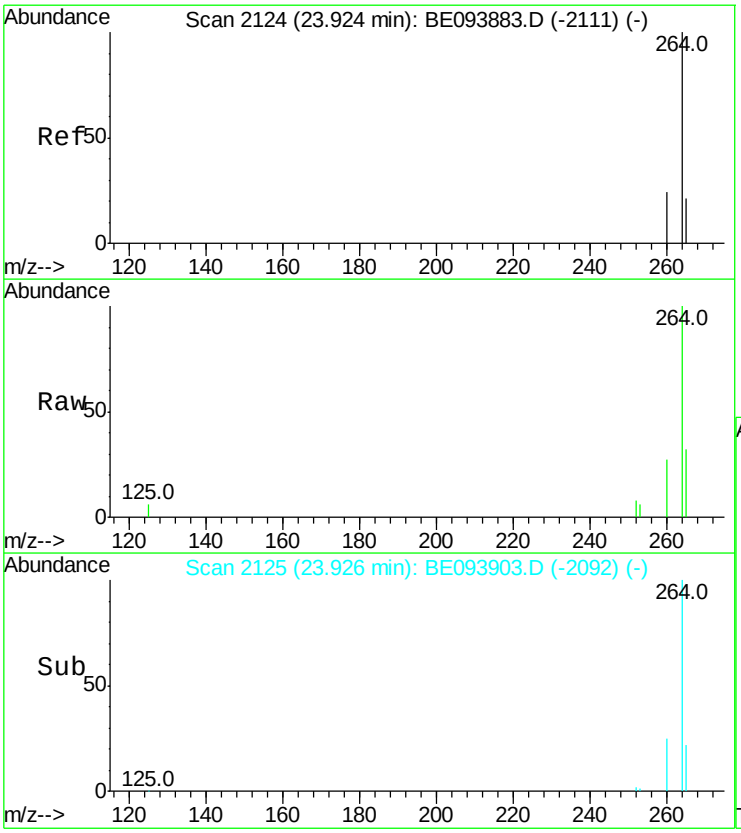
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng
RT: 26.59 min Scan# 2706
Delta R.T. 0.01 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:276 Resp: 10462

Ion	Ratio	Lower	Upper
276	100		
138	25.6	22.2	33.2
277	24.0	19.5	29.3

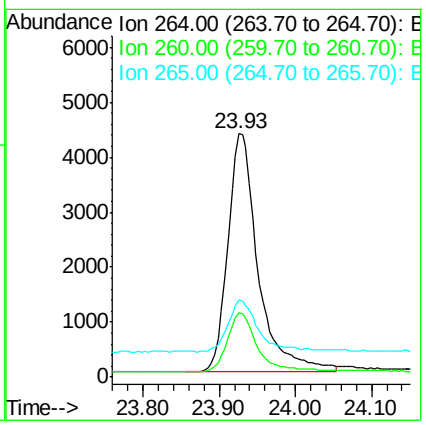


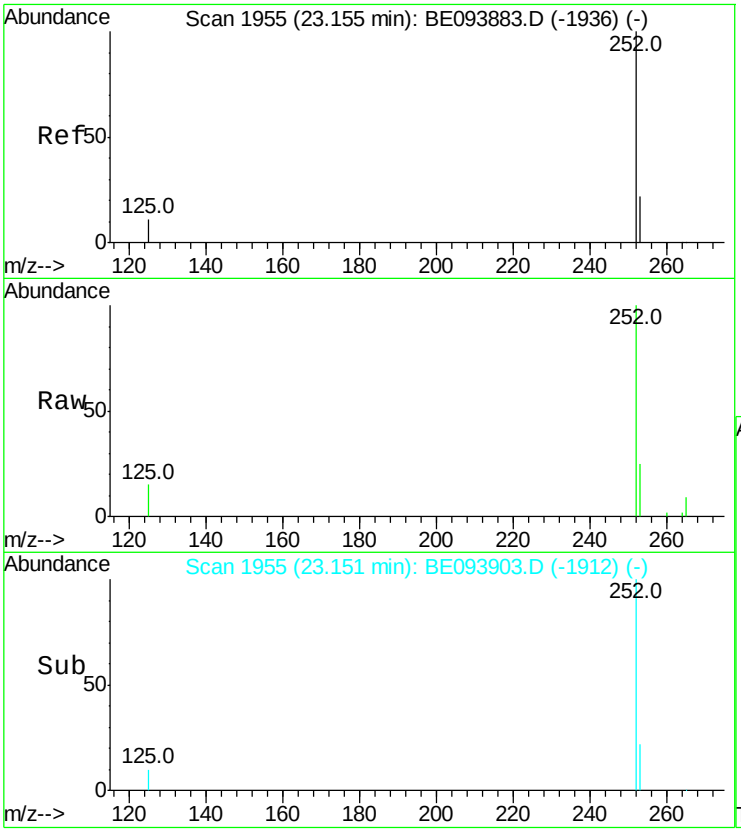


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:264 Resp: 12044

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.0	30.0
265	31.7	24.0	36.0



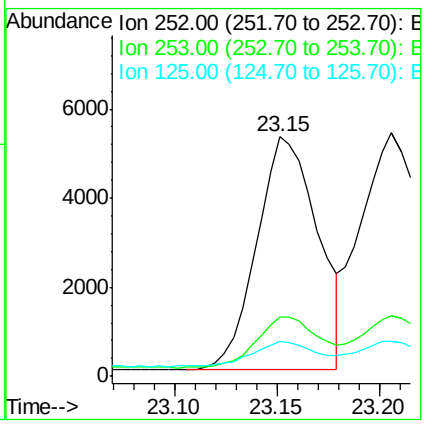


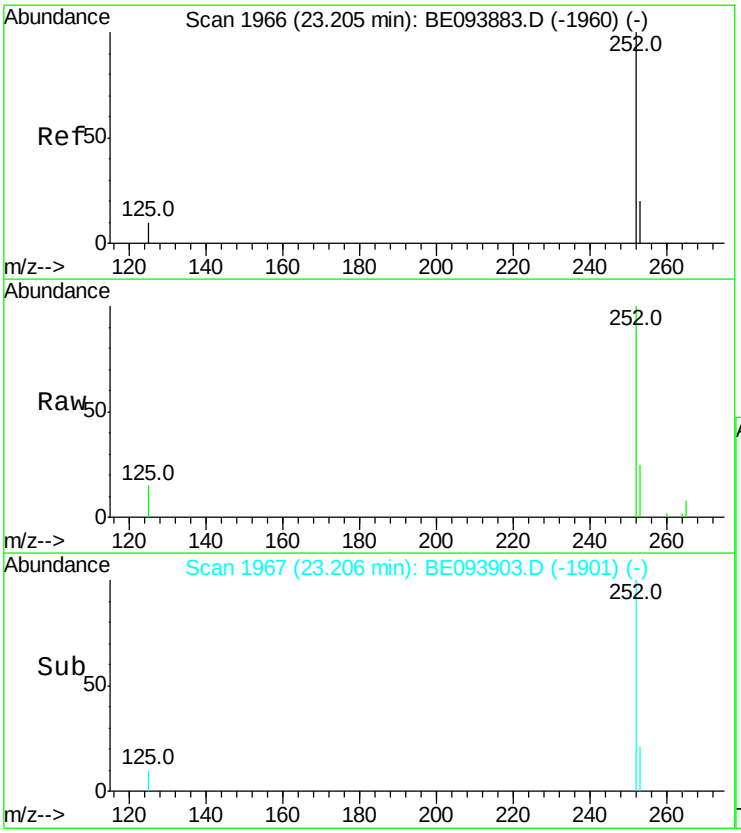
#35
Benzo(b)fluoranthene
Concen: 0.282 ng
RT: 23.15 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:252 Resp: 10836

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.4	29.0
125	14.7	10.0	15.0

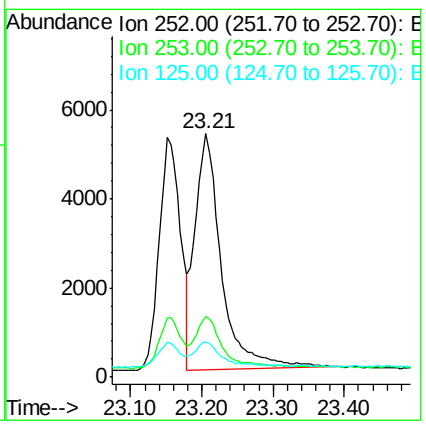


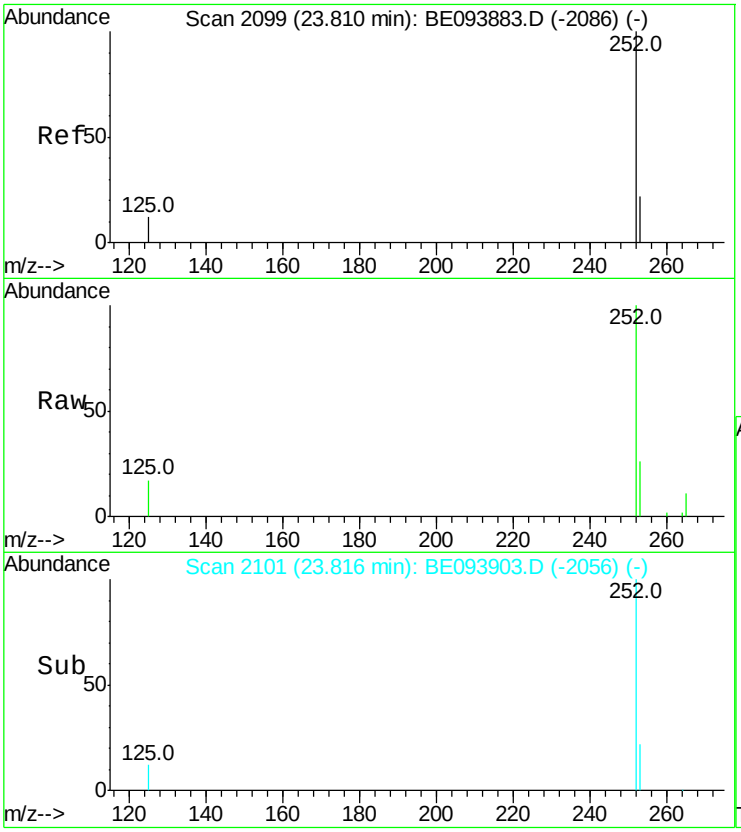


#36
Benzo(k)fluoranthene
Concen: 0.308 ng
RT: 23.21 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:252 Resp: 13525

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	14.6	9.8	14.6



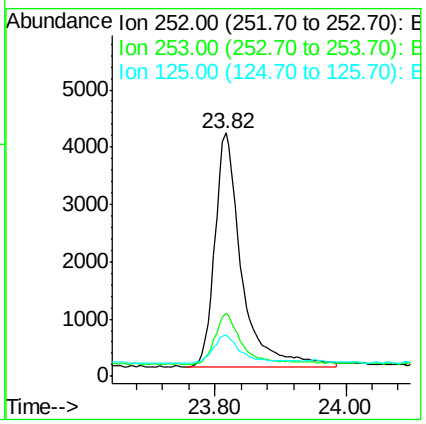


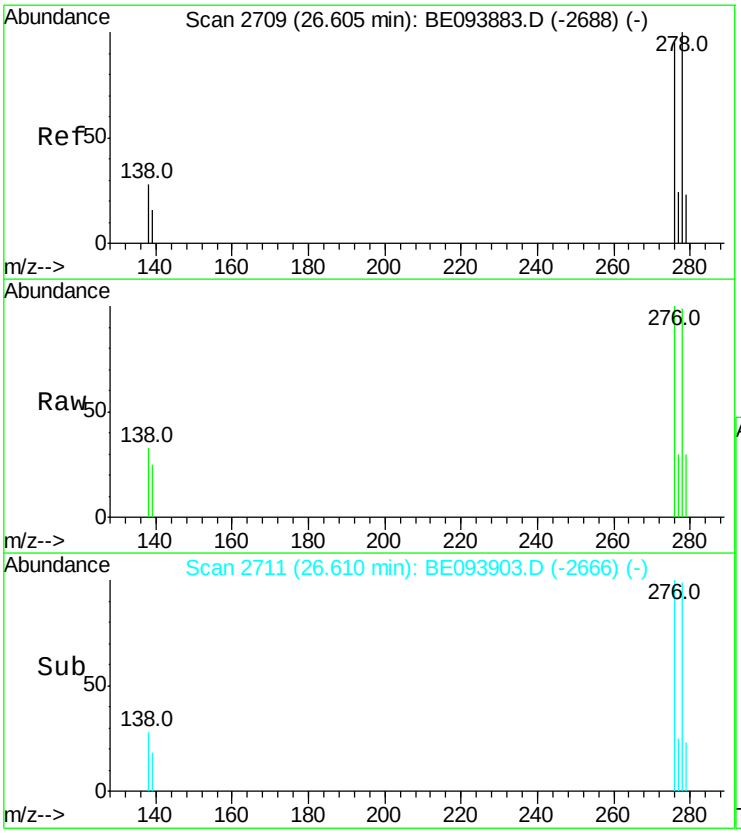
#37
Benzo(a)pyrene
Concen: 0.302 ng
RT: 23.82 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:252 Resp: 11526

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.6	29.4
125	17.0	11.8	17.8

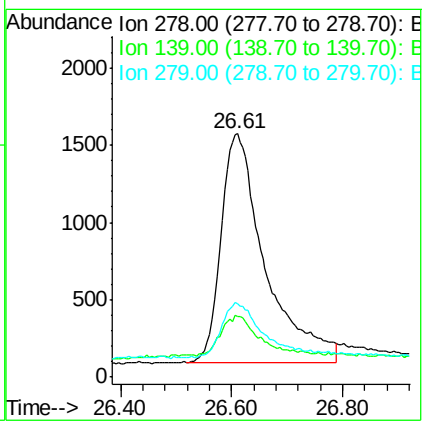


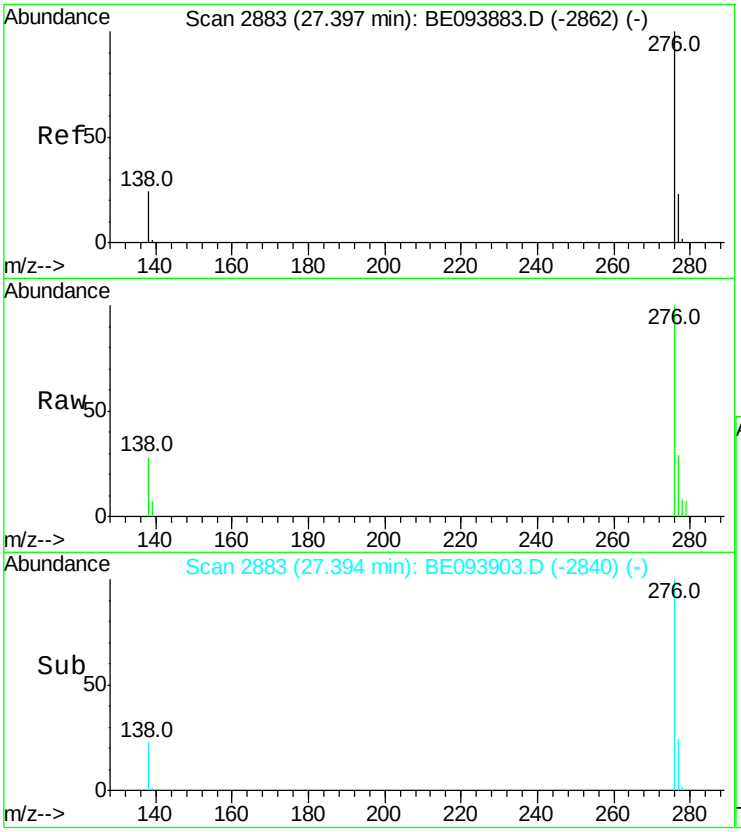


#38
Dibenzo(a,h)anthracene
Concen: 0.303 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.01 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Tgt Ion:278 Resp: 8174

Ion	Ratio	Lower	Upper
278	100		
139	25.1	16.7	25.1#
279	30.2	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.318 ng
RT: 27.39 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BE093903.D
Acq: 1 Sep 2017 15:43

Instrument :
BNA_E
ClientSampleId :
PB101940BS

Tgt Ion:276 Resp: 9342

Ion	Ratio	Lower	Upper
276	100		
277	28.7	20.6	30.8
138	28.2	21.9	32.9