Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093973.D
Acq On : 11 Sep 2017 21:28
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 12 07:44:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1999	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	10387	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	5767	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	10276	0.40	ng		0.00
27) Chrysene-d12	21.42	240	13606	0.40	ng		-0.01
34) Perylene-d12	23.94	264	10907	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	2554	0.39	ng		0.00
5) Phenol-d6	7.11	99	3772	0.39	ng		0.00
8) Nitrobenzene-d5	9.08	82	3465	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	6600	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	724	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	9095	0.40	ng		0.00
25) Fluoranthene-d10	19.28	212	61143	0.40	ng		0.00
29) Terphenyl-d14	19.87	244	10049	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	1190	0.432	ng		96
3) n-Nitrosodimethylamine	3.75	42	1241	0.385	ng	#	96
6) bis(2-Chloroethyl)ether	7.34	93	3153	0.398	ng		87
9) Naphthalene	10.76	128	47518	0.399	ng		100
10) Hexachlorobutadiene	11.04	225	1657	0.383	ng		97
12) 2-Methylnaphthalene	12.37	142	7796	0.394	ng		99
16) Acenaphthylene	14.24	152	11367	0.395	ng		99
17) Acenaphthene	14.58	154	7781	0.400	ng		99
18) Fluorene	15.58	166	9866	0.393	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	2617	0.450	ng		85
21) Hexachlorobenzene	16.58	284	2253	0.371	ng	#	100
22) Pentachlorophenol	16.94	266	761	0.467	ng		95
23) Phenanthrene	17.30	178	17057	0.539	ng	#	99
24) Anthracene	17.40	178	10350	0.331	ng	#	56
26) Fluoranthene	19.31	202	18362	0.401	ng		100
28) Pyrene	19.67	202	18886	0.403	ng		100
30) Benzo(a)anthracene	21.40	228	15840	0.379	ng		99
31) Chrysene	21.46	228	18546	0.419	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	36185	0.357	ng		100
33) Indeno(1,2,3-cd)pyrene	26.60	276	10356	0.351	ng		97
35) Benzo(b)fluoranthene	23.16	252	13952	0.402	ng		99
36) Benzo(k)fluoranthene	23.21	252	16950	0.398	ng		97
37) Benzo(a)pyrene	23.82	252	14342	0.406	ng		96
38) Dibenzo(a,h)anthracene	26.63	278	8869	0.378	ng		93
39) Benzo(g,h,i)perylene	27.42	276	9478	0.383	ng		98

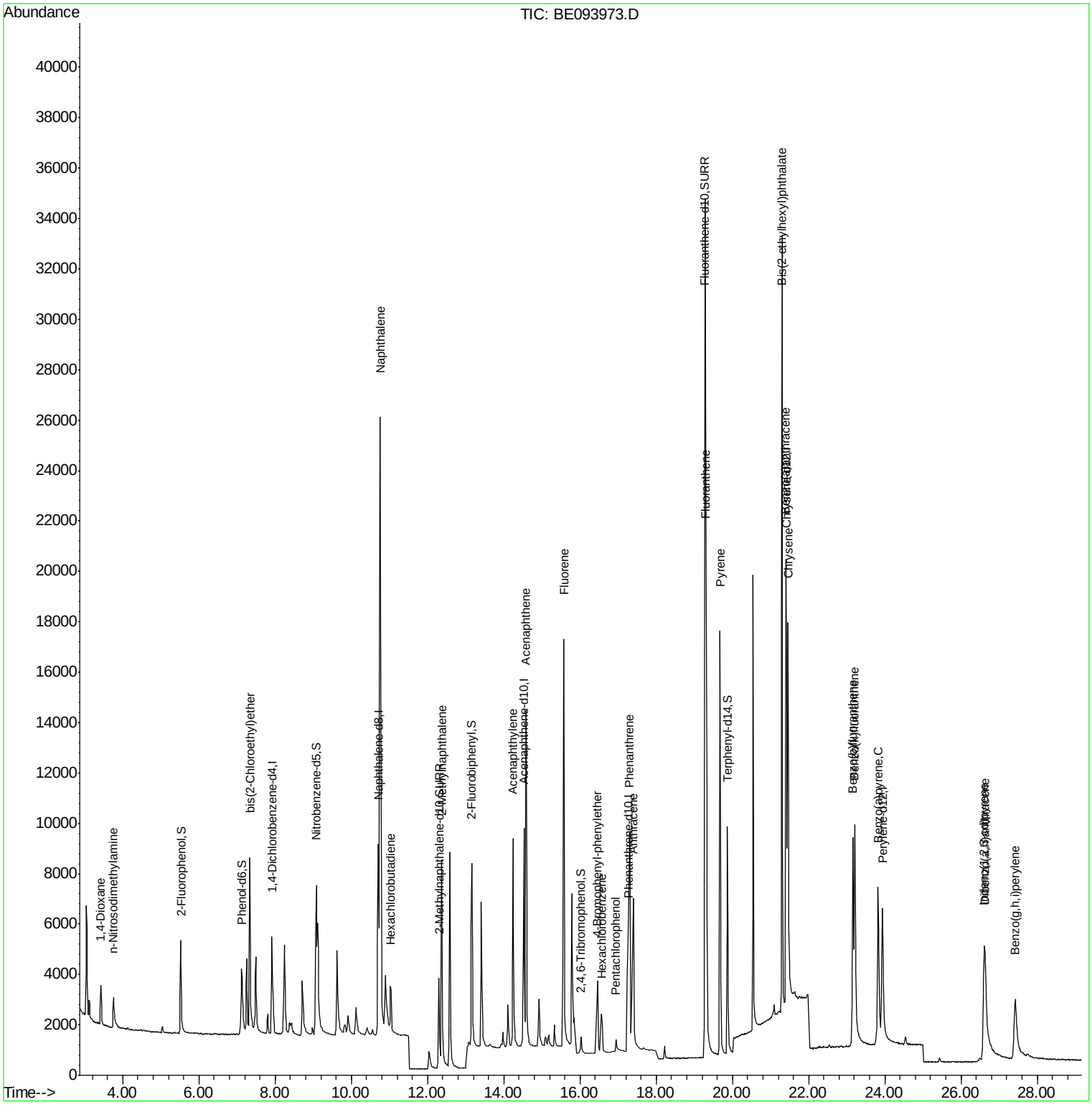
(#) = qualifier out of range (m) = manual integration (+) = signals summed

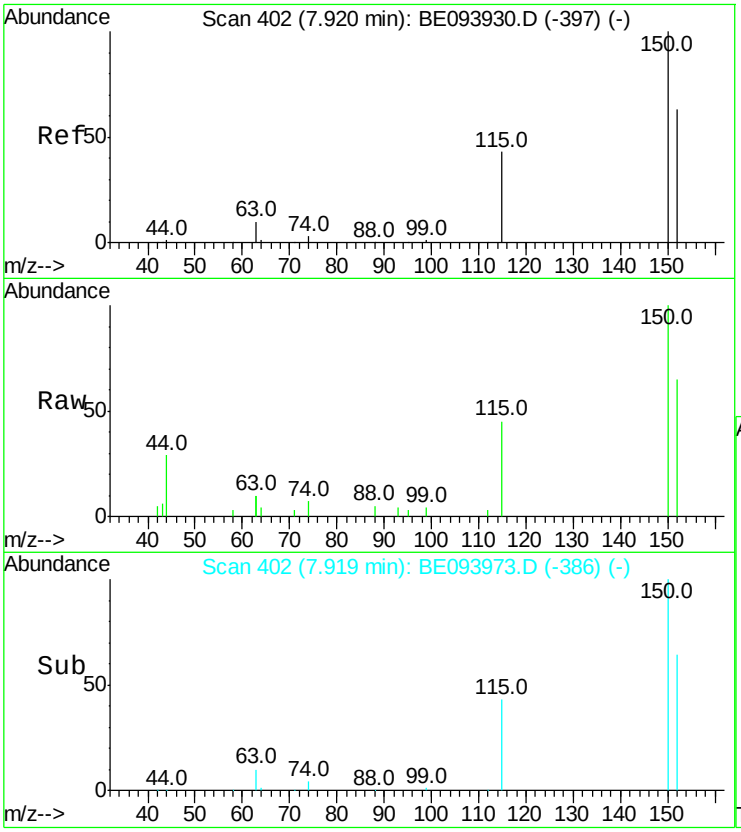
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093973.D
Acq On : 11 Sep 2017 21:28
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 12 07:44:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration



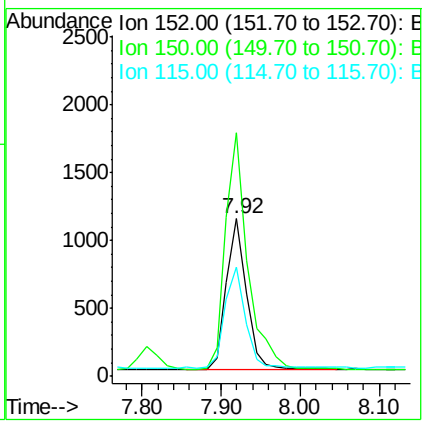


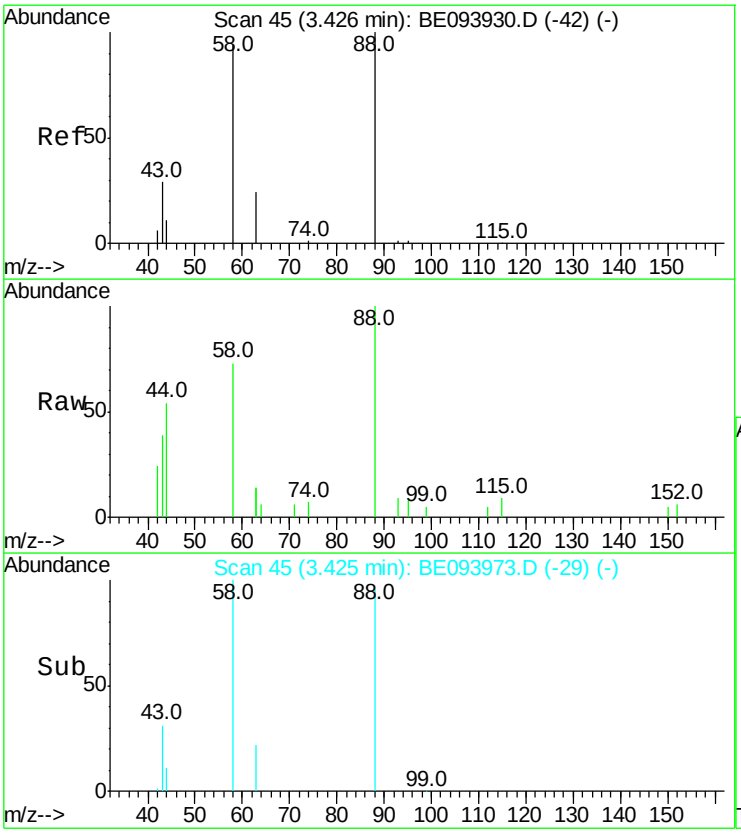
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1999

Ion	Ratio	Lower	Upper
152	100		
150	154.4	121.8	182.6
115	69.5	52.6	79.0

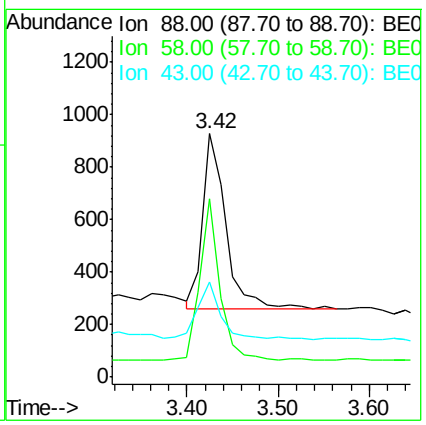


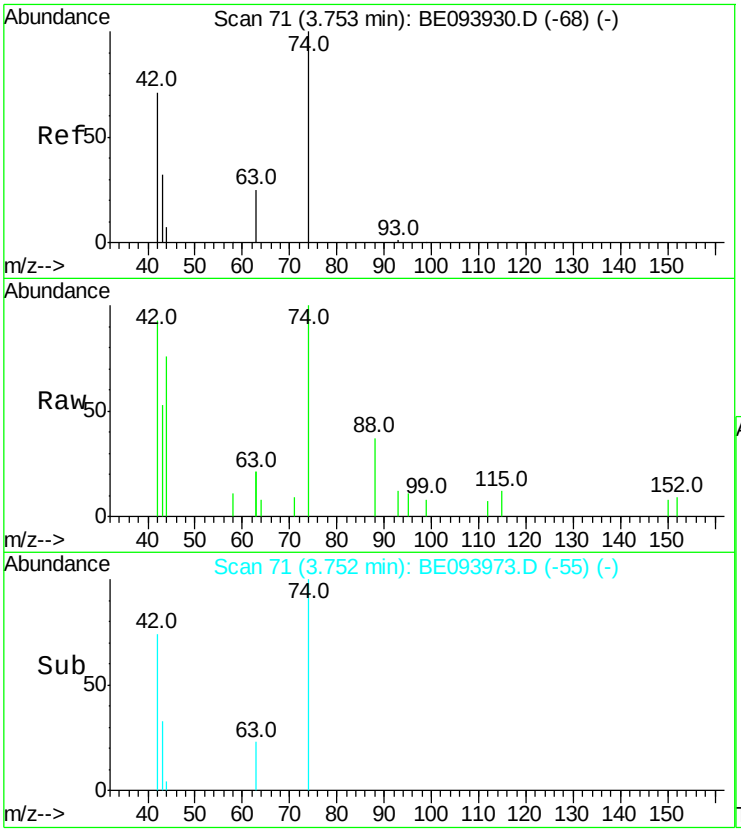


#2
1,4-Dioxane
Concen: 0.432 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion: 88 Resp: 1190

Ion	Ratio	Lower	Upper
88	100		
58	78.7	65.4	98.0
43	32.4	23.9	35.9



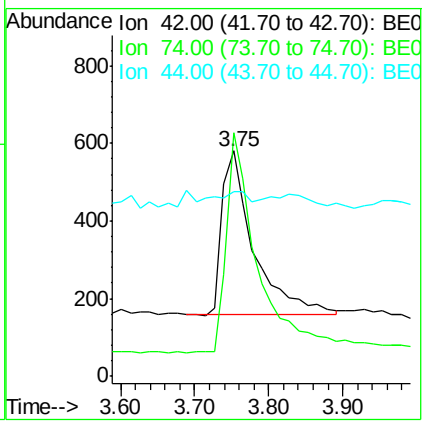


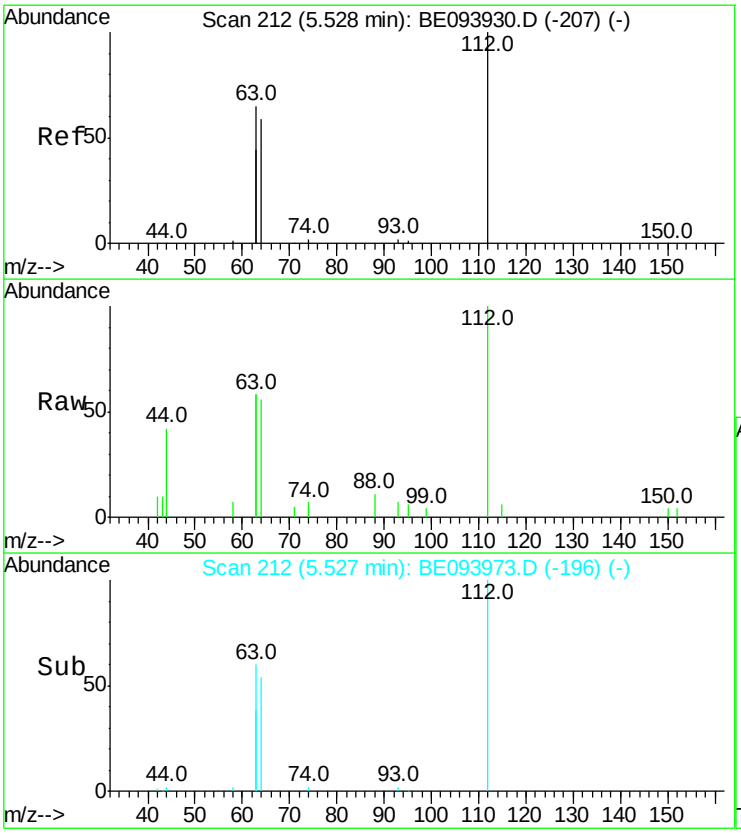
#3
n-Nitrosodimethylamine
Concen: 0.385 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1241

Ion	Ratio	Lower	Upper
42	100		
74	133.0	104.0	156.0
44	9.3	13.8	20.8#

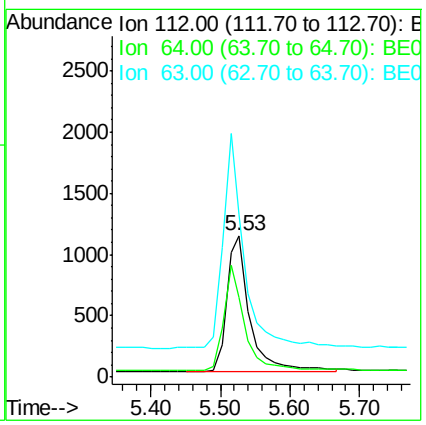


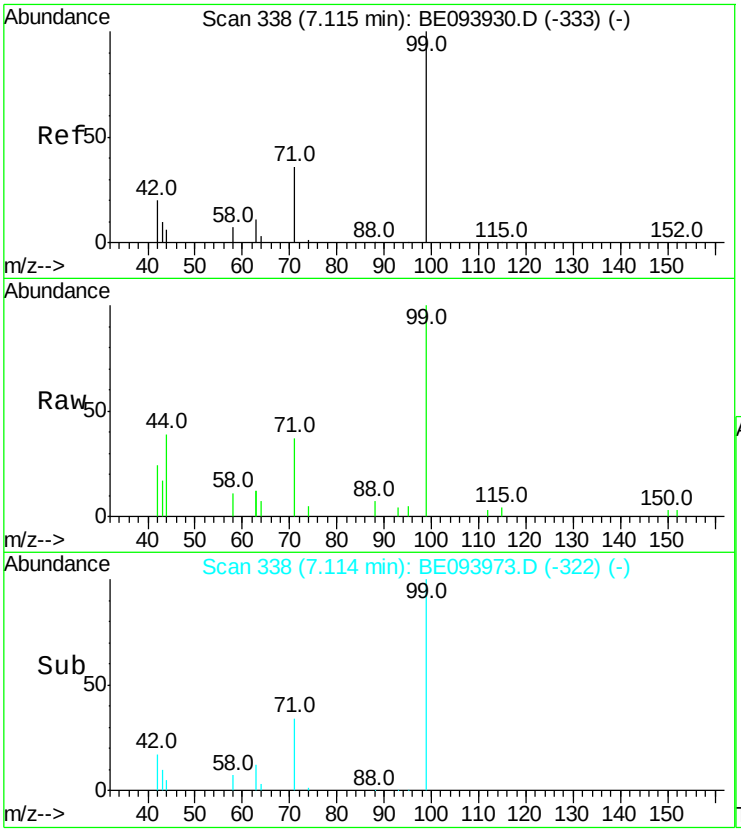


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:112 Resp: 2554

Ion	Ratio	Lower	Upper
112	100		
64	72.4	57.7	86.5
63	144.1	116.0	174.0



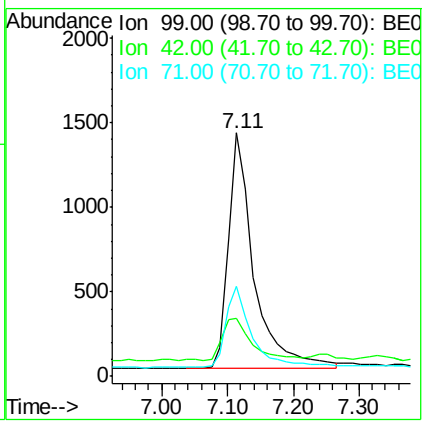


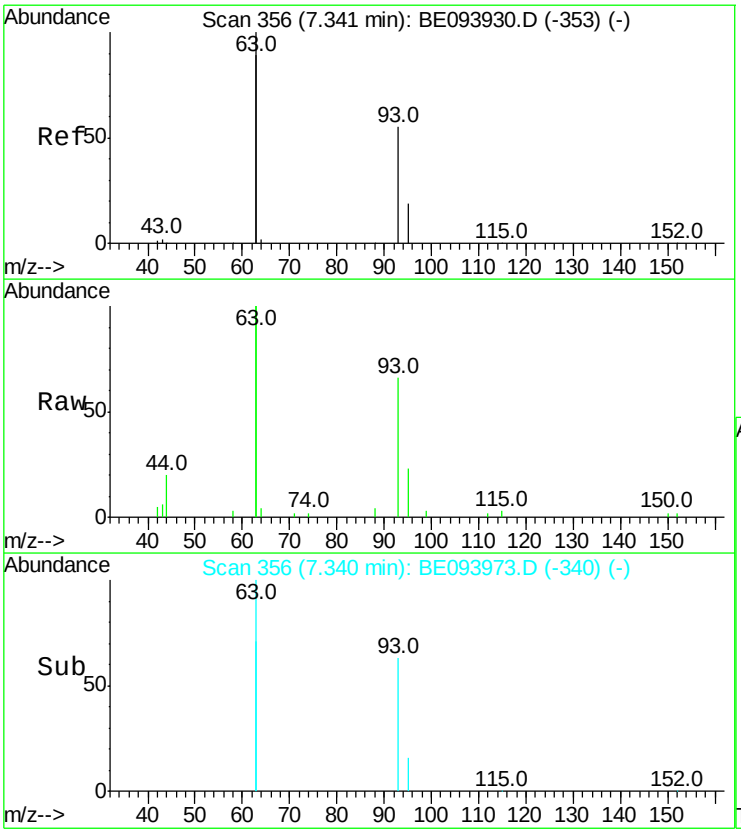
#5
Phenol-d6
Concen: 0.389 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3772

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.1	25.7
71	34.9	26.6	39.8

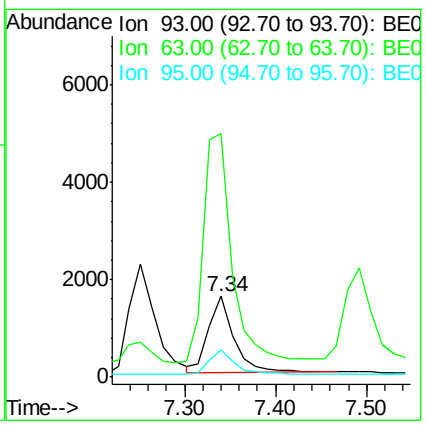


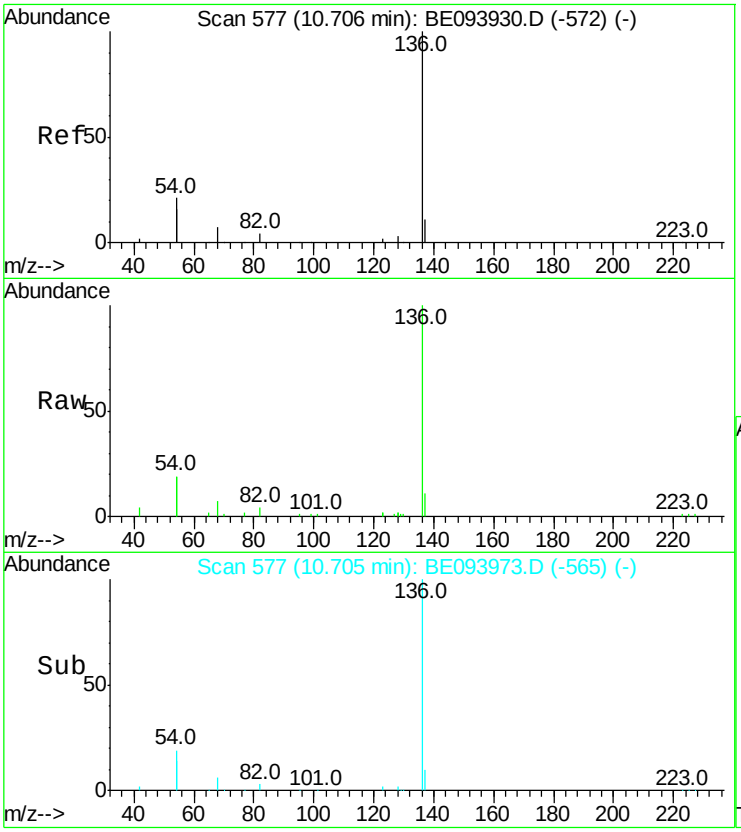


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion: 93 Resp: 3153

Ion	Ratio	Lower	Upper
93	100		
63	323.4	283.4	425.2
95	31.8	26.9	40.3



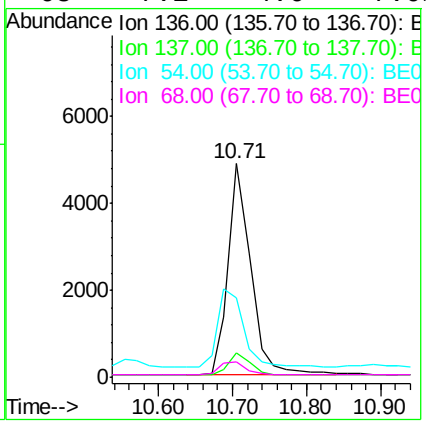


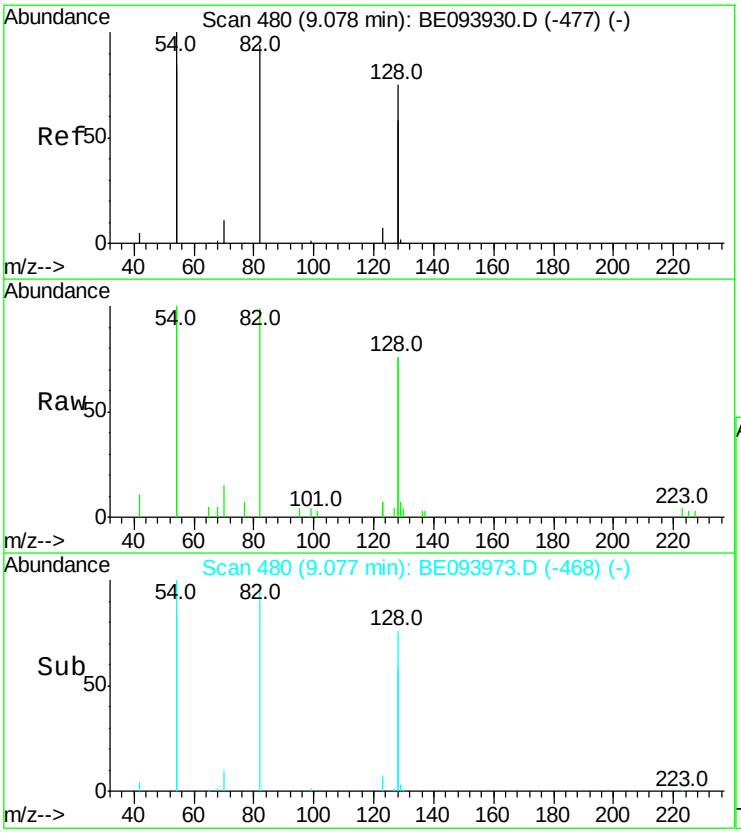
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 10387

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	37.2	21.9	32.9#
68	7.1	4.6	7.0#

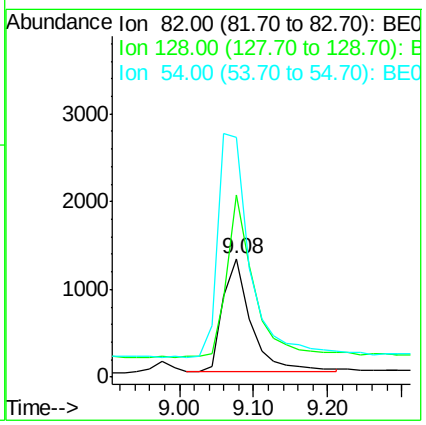


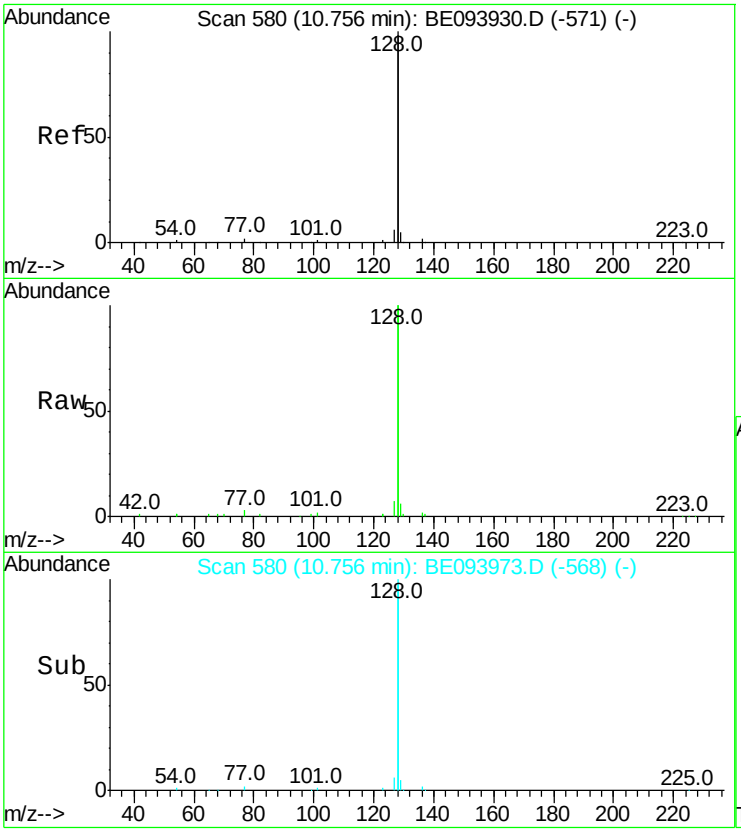


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion: 82 Resp: 3465

Ion	Ratio	Lower	Upper
82	100		
128	154.0	91.4	137.0#
54	202.7	197.8	296.8



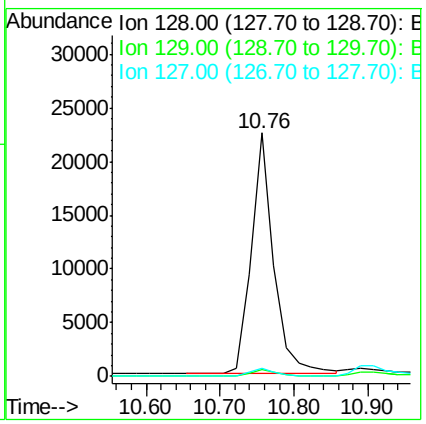


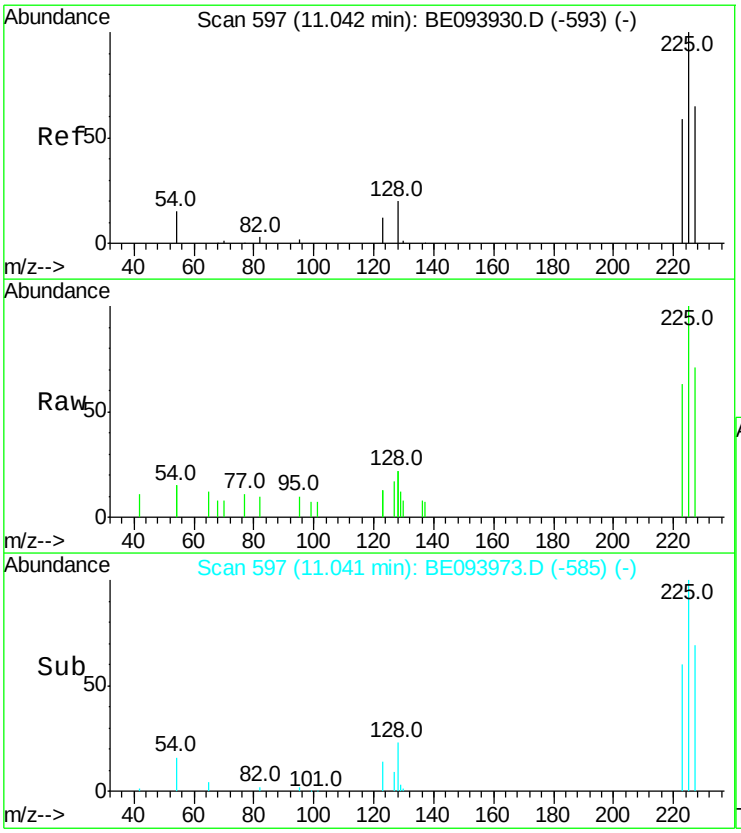
#9
Naphthalene
Concen: 0.399 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 47518

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.3	2.6	4.0

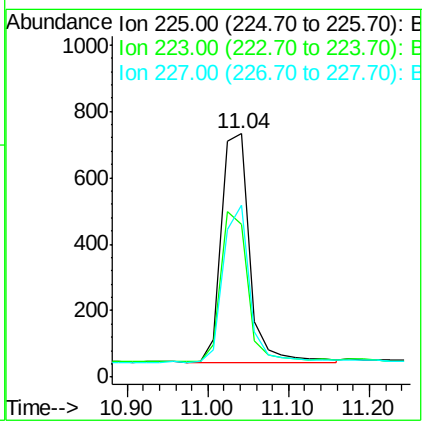


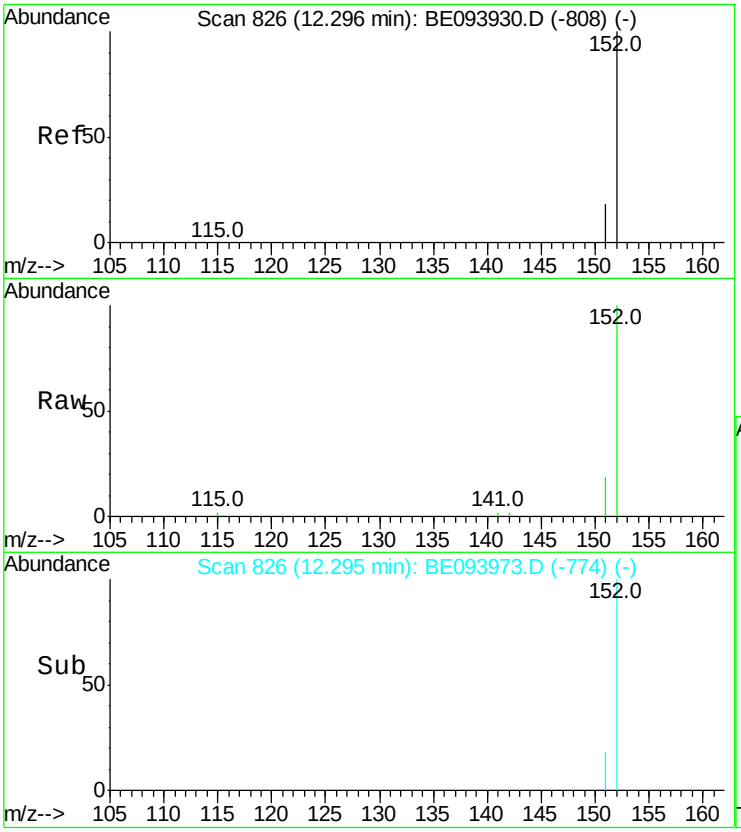


#10
Hexachlorobutadiene
Concen: 0.383 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:225 Resp: 1657

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.0
227	66.4	50.5	75.7



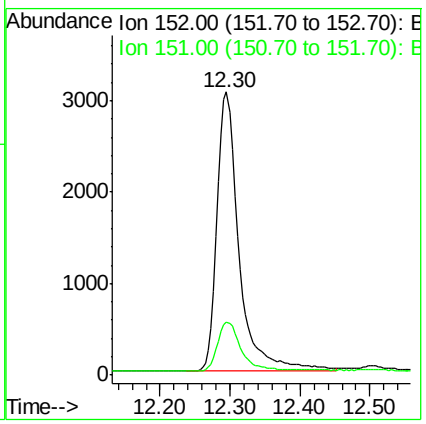


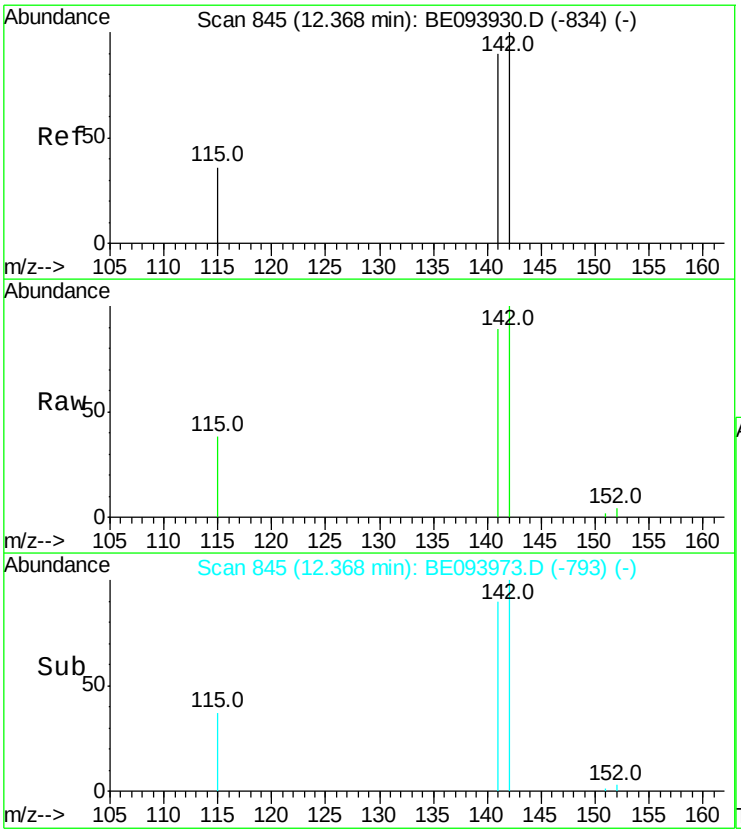
#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.30 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6600

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

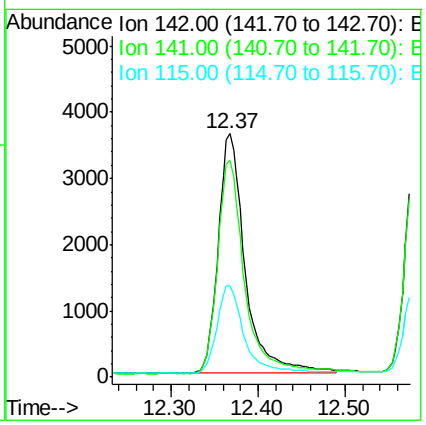


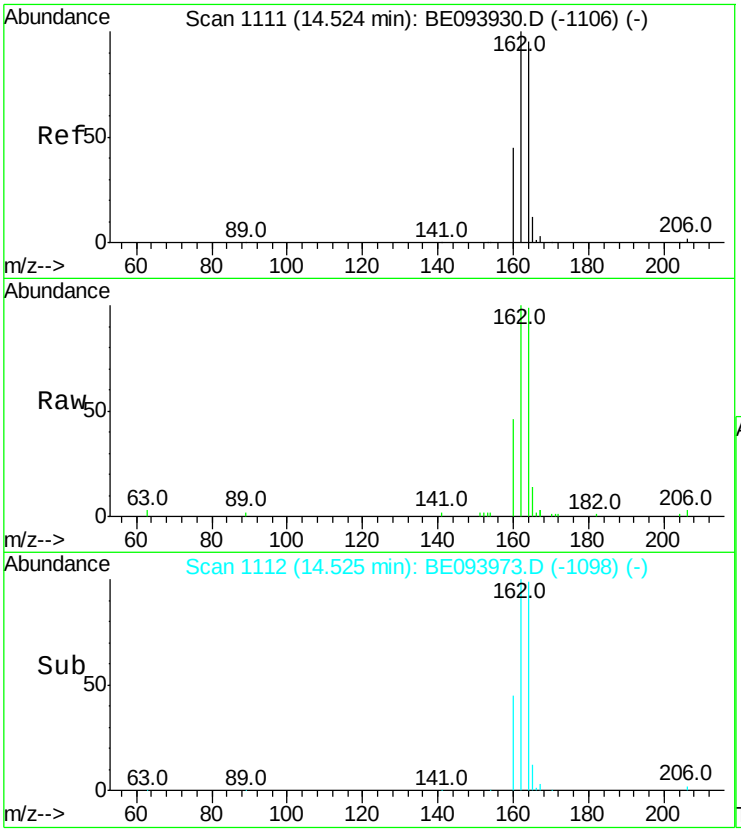


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.37 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:142 Resp: 7796

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	37.7	29.4	44.0



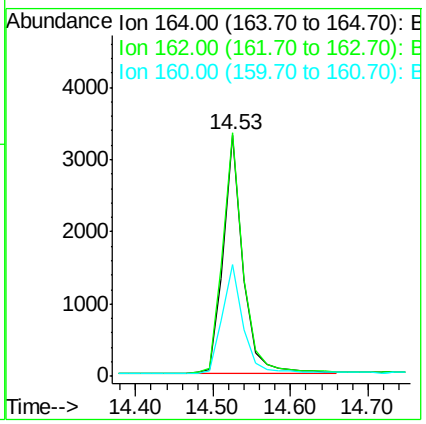


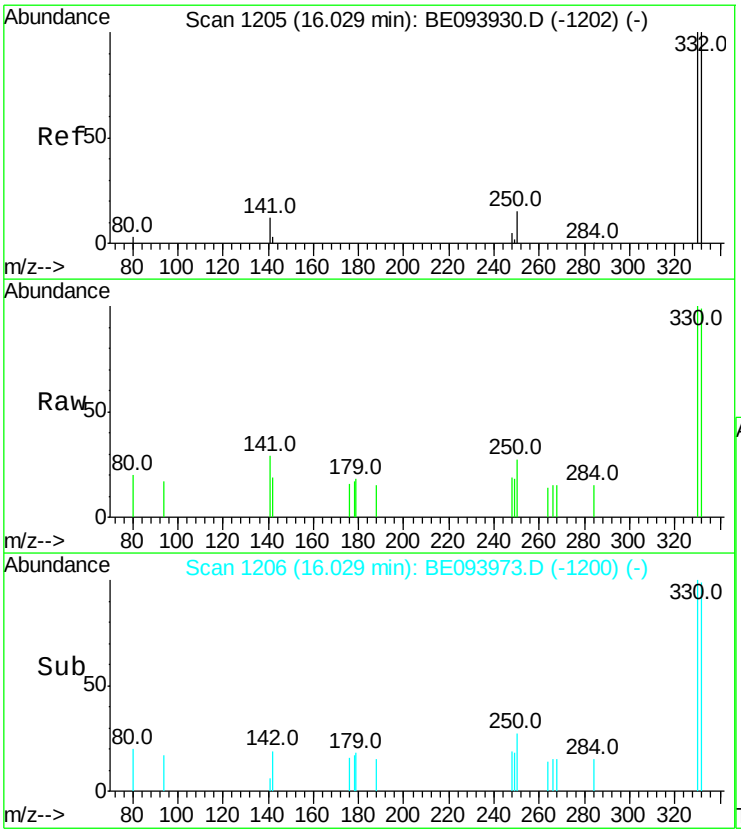
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 5767

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.8	121.2
160	46.2	37.0	55.4

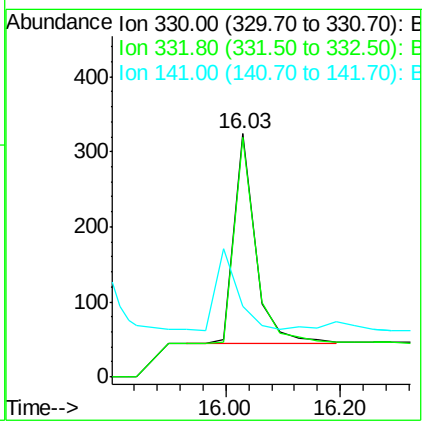


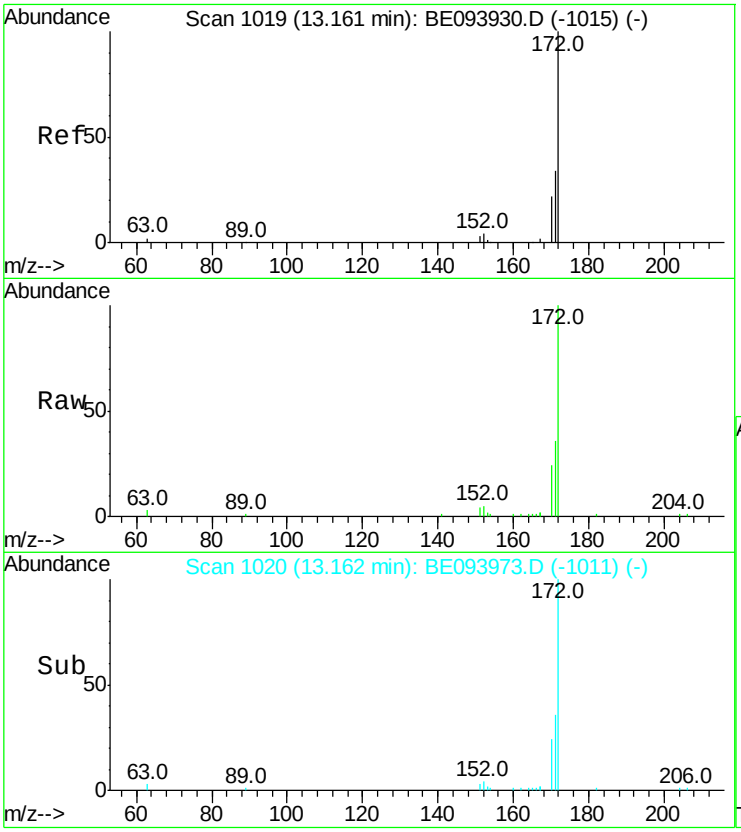


#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:330 Resp: 724

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.9	115.3
141	0.0	0.0	0.0



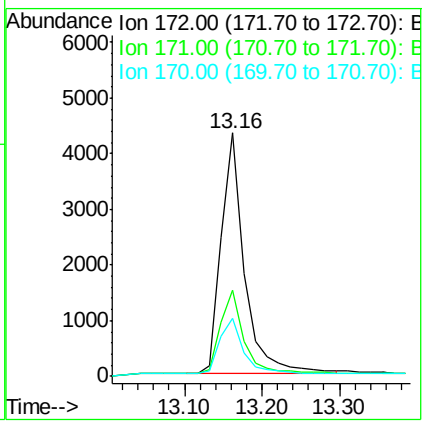


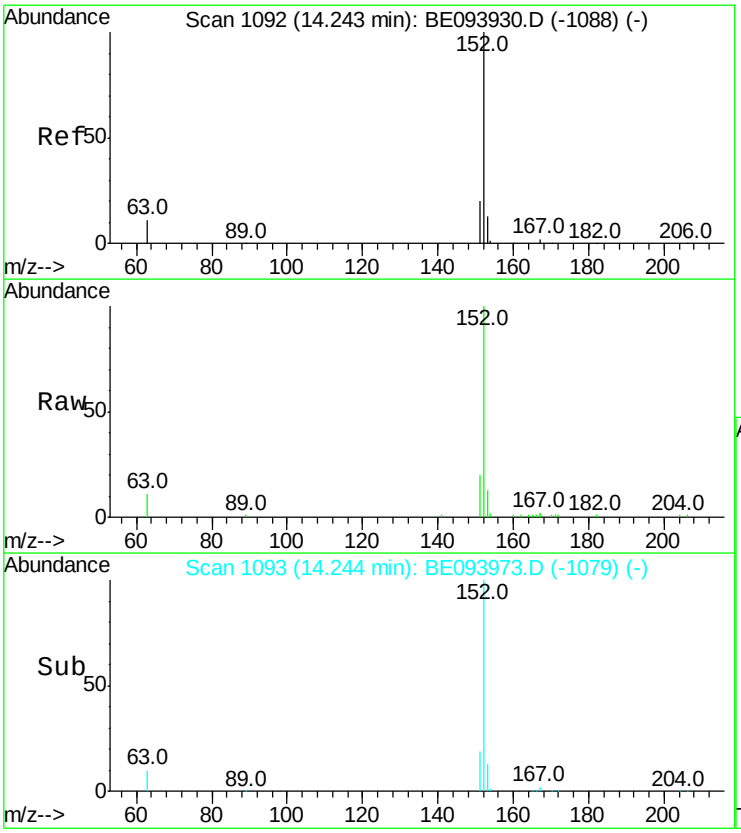
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 9095

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.9	40.3
170	23.8	17.3	25.9

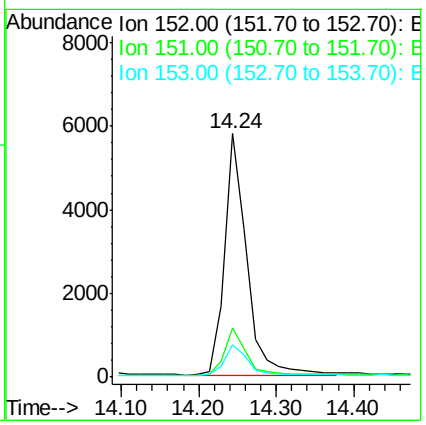


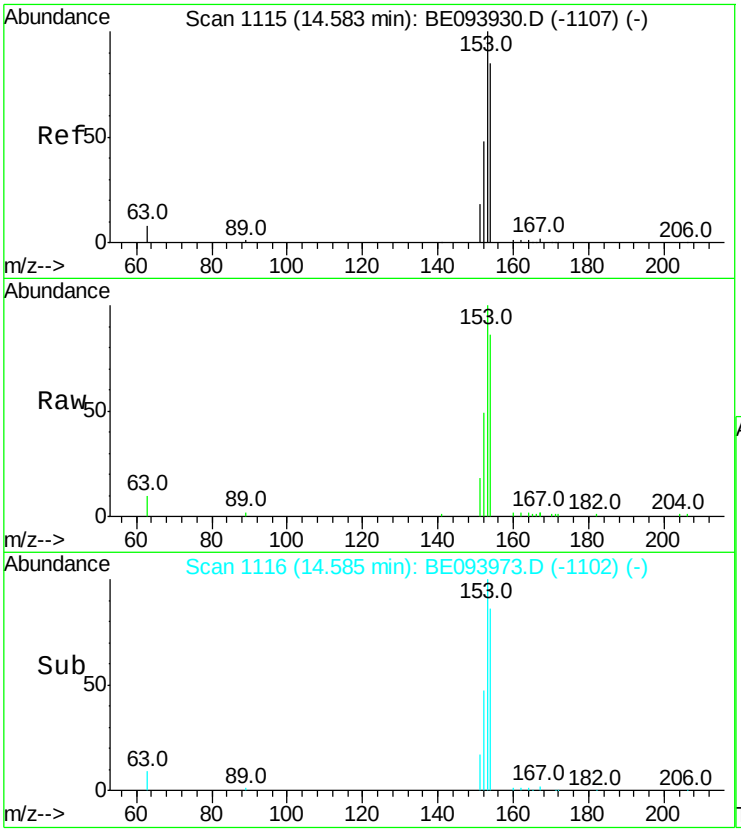


#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:152 Resp: 11367

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	12.9	10.6	16.0



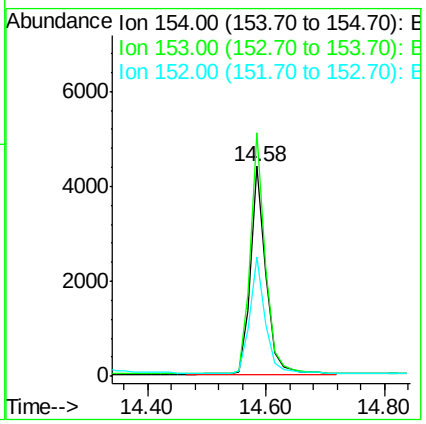


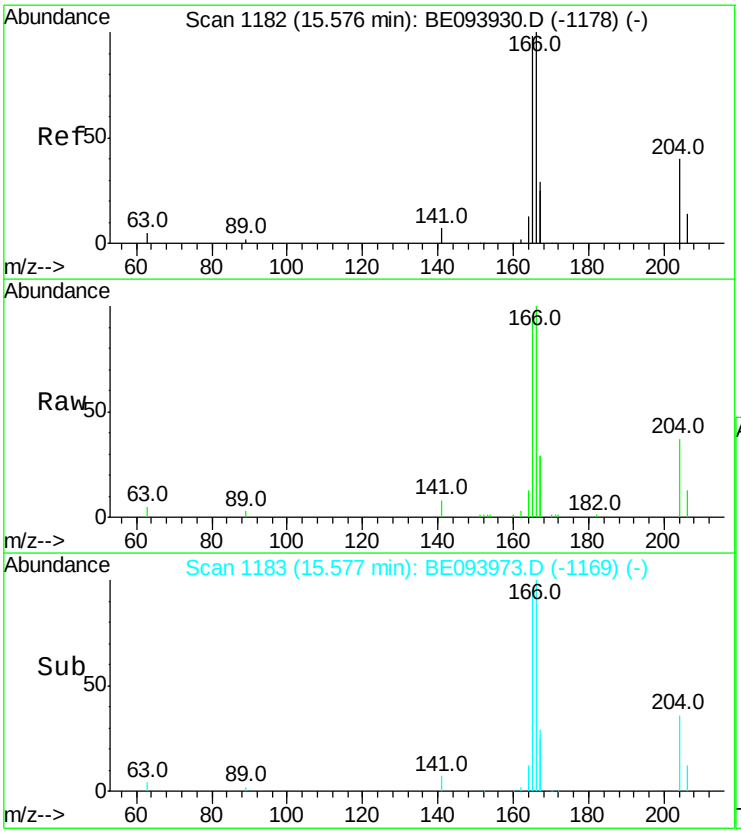
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 7781

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.8	137.6
152	55.2	44.9	67.3

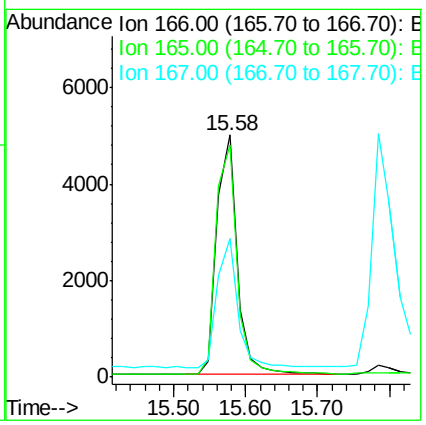


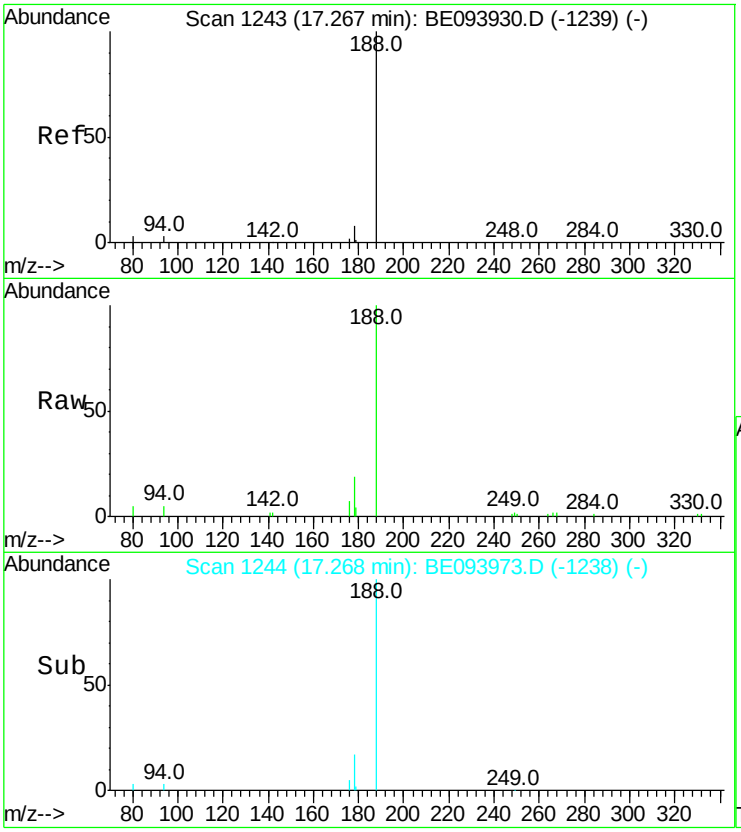


#18
Fluorene
Concen: 0.393 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:166 Resp: 9866

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.4	119.0
167	53.5	43.5	65.3



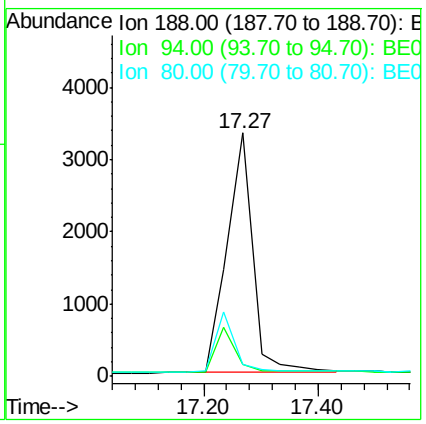


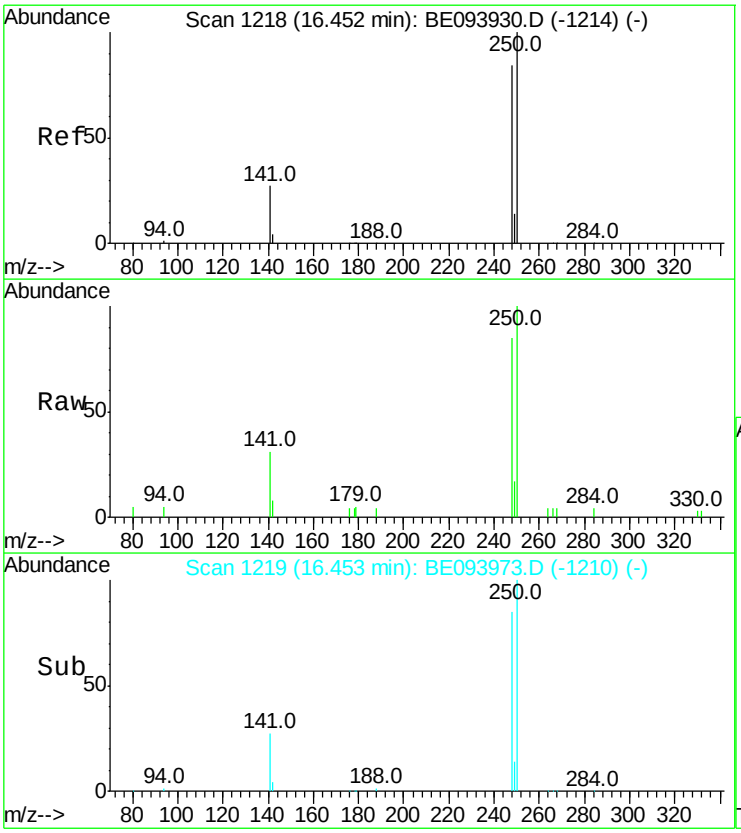
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 10276

Ion	Ratio	Lower	Upper
188	100		
94	5.0	16.1	24.1#
80	5.1	18.2	27.2#

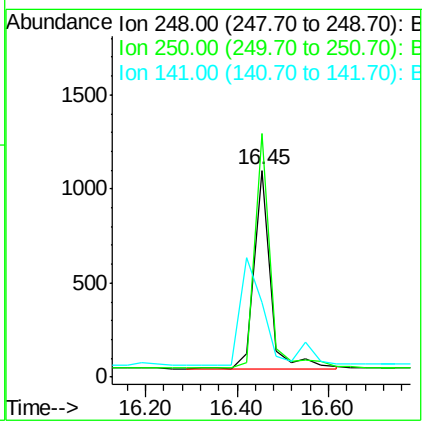


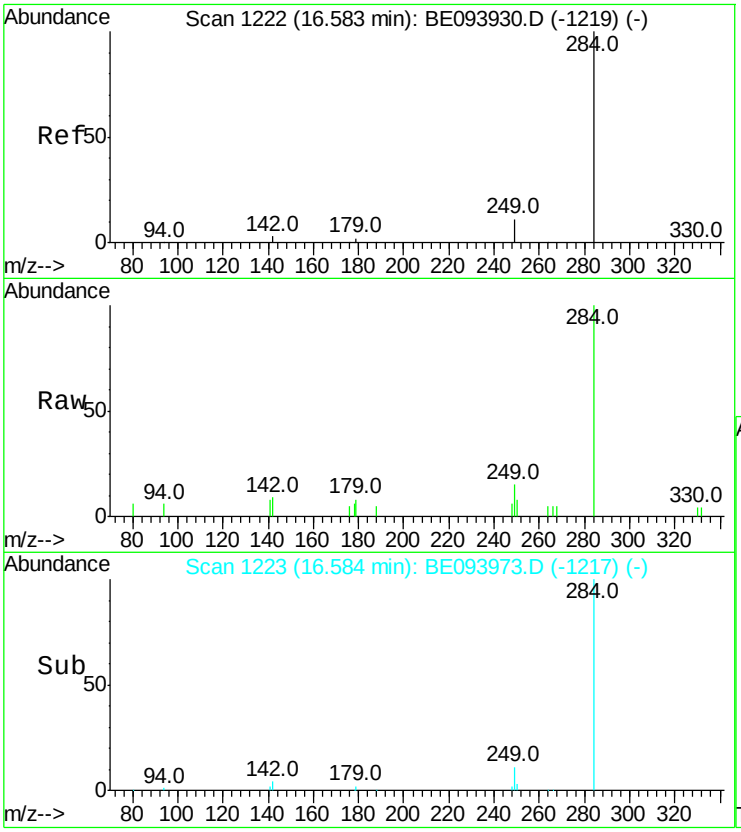


#20
4-Bromophenyl-phenylether
Concen: 0.450 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:248 Resp: 2617

Ion	Ratio	Lower	Upper
248	100		
250	117.9	111.8	167.8
141	36.0	27.1	40.7



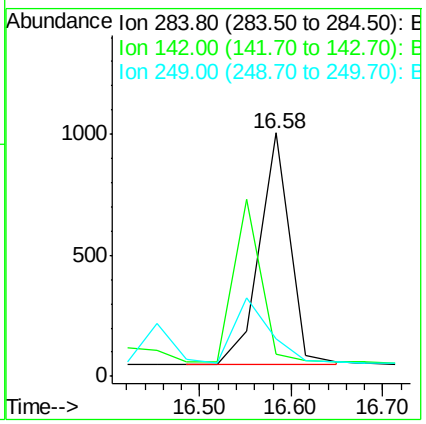


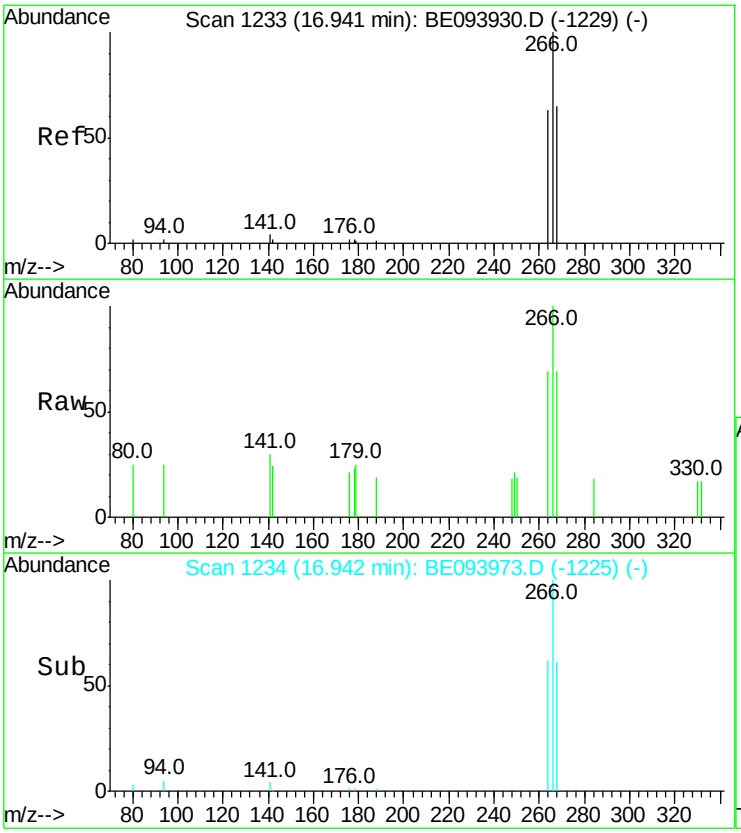
#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2253

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

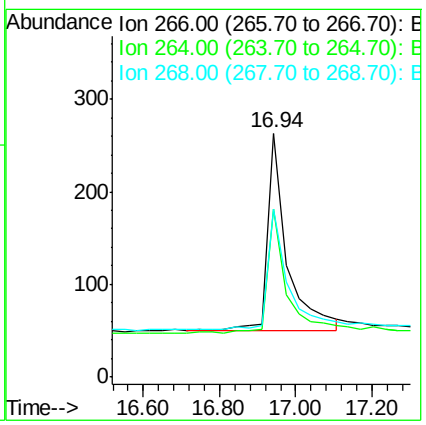


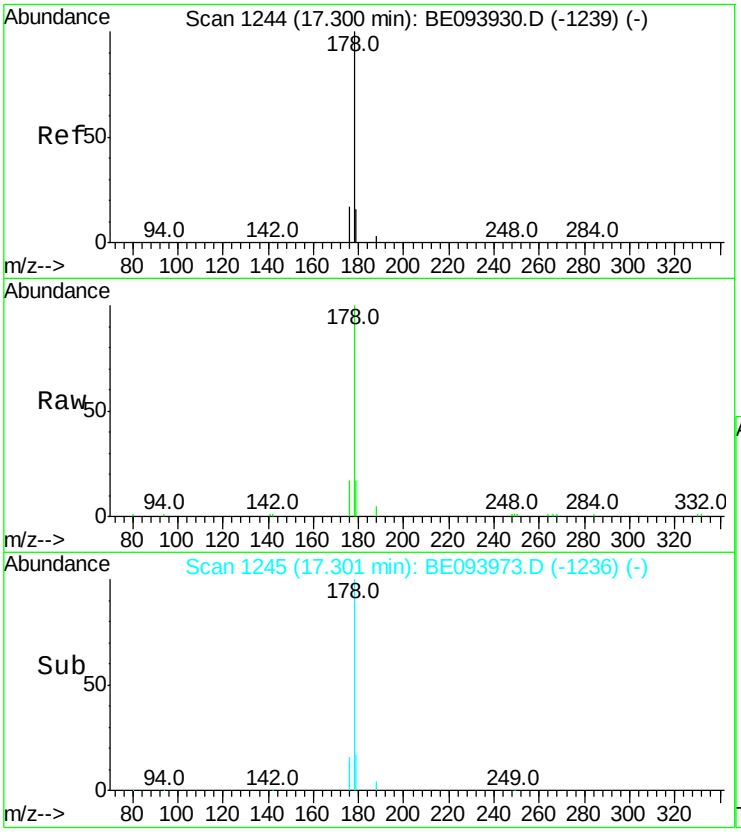


#22
Pentachlorophenol
Concen: 0.467 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:266 Resp: 761

Ion	Ratio	Lower	Upper
266	100		
264	68.8	53.5	80.3
268	69.2	60.0	90.0



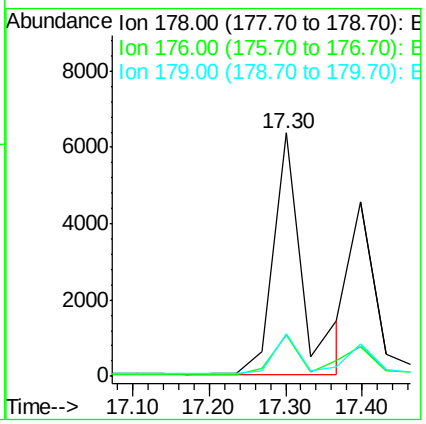


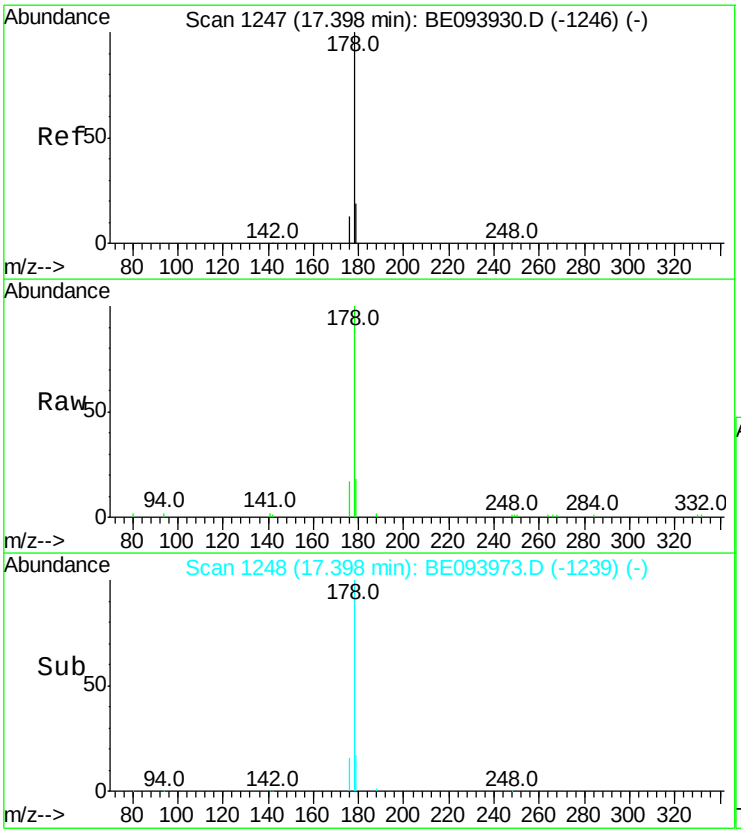
#23
Phenanthrene
Concen: 0.539 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 17057

Ion	Ratio	Lower	Upper
178	100		
176	18.7	0.0	0.0#
179	15.5	12.6	18.8

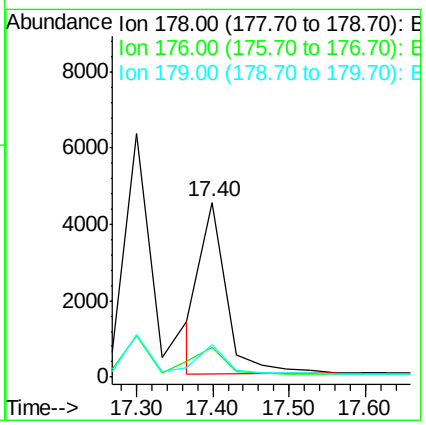


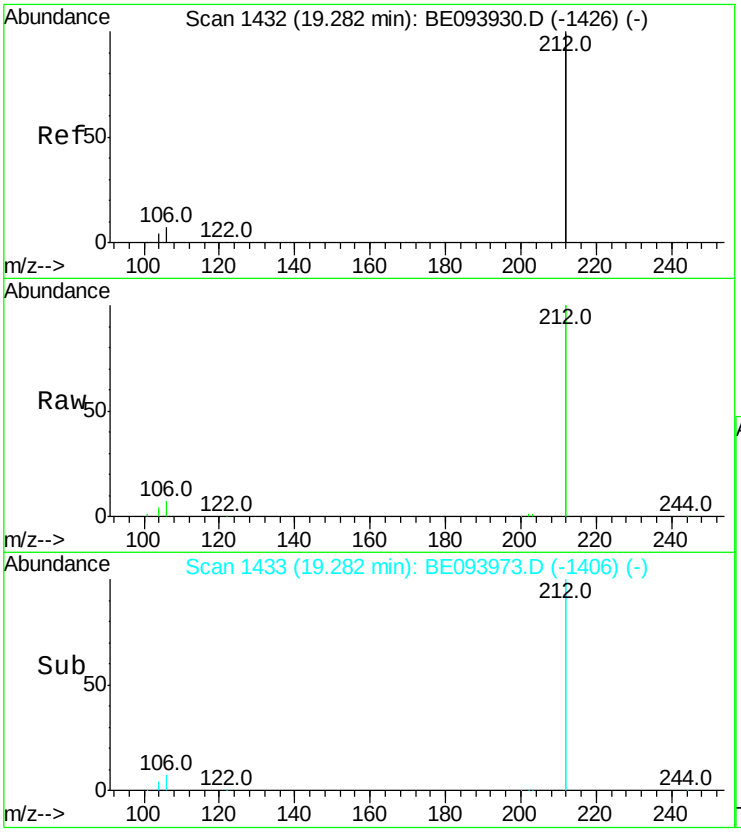


#24
Anthracene
Concen: 0.331 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:178 Resp: 10350

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	17.4	0.0	0.0#



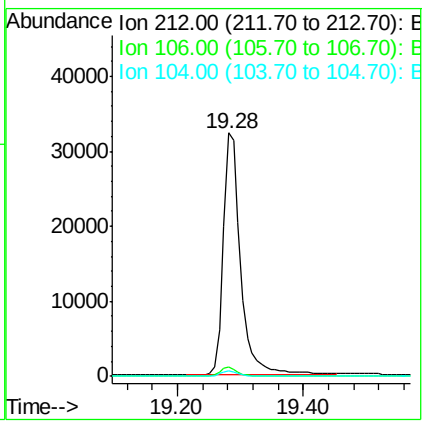


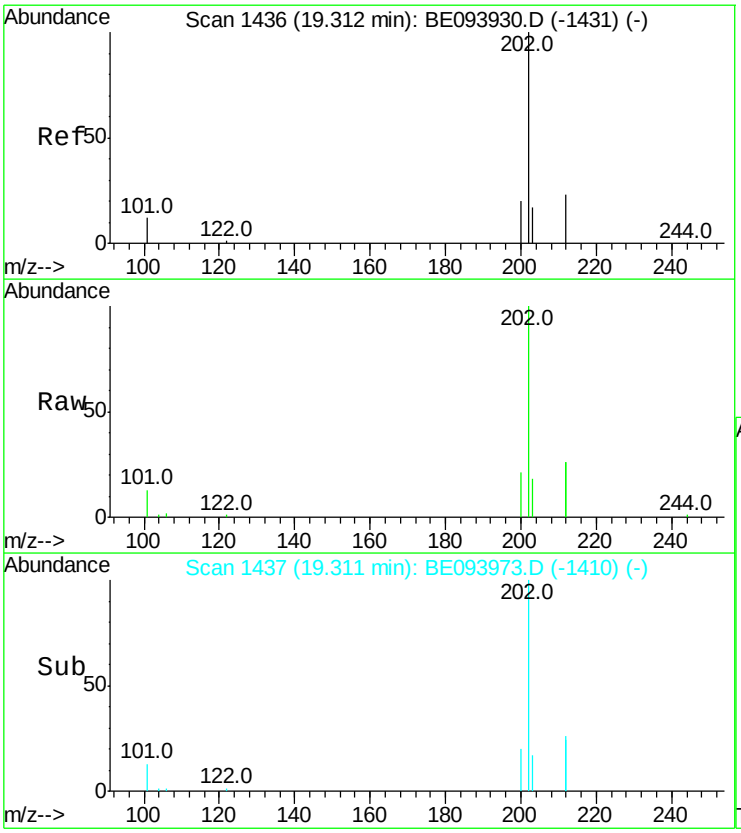
#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 61143

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.7	4.1
104	1.9	1.6	2.4

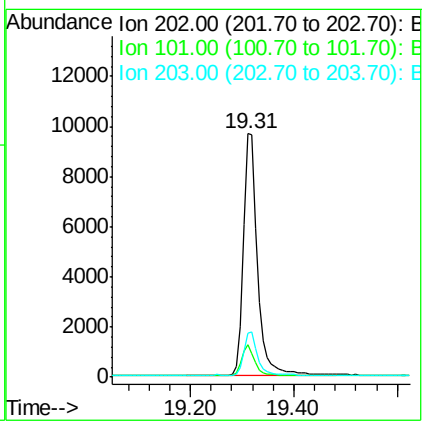


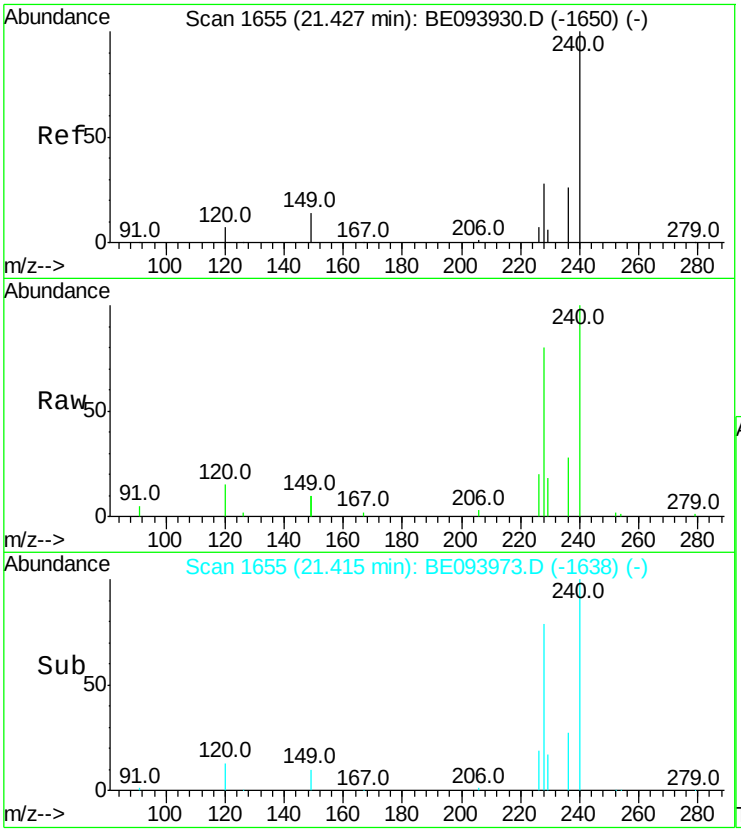


#26
Fluoranthene
Concen: 0.401 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:202 Resp: 18362

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
203	17.4	13.7	20.5



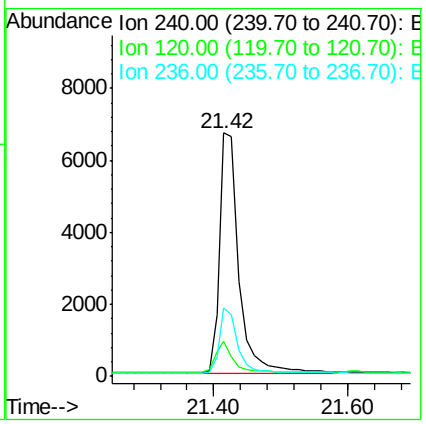


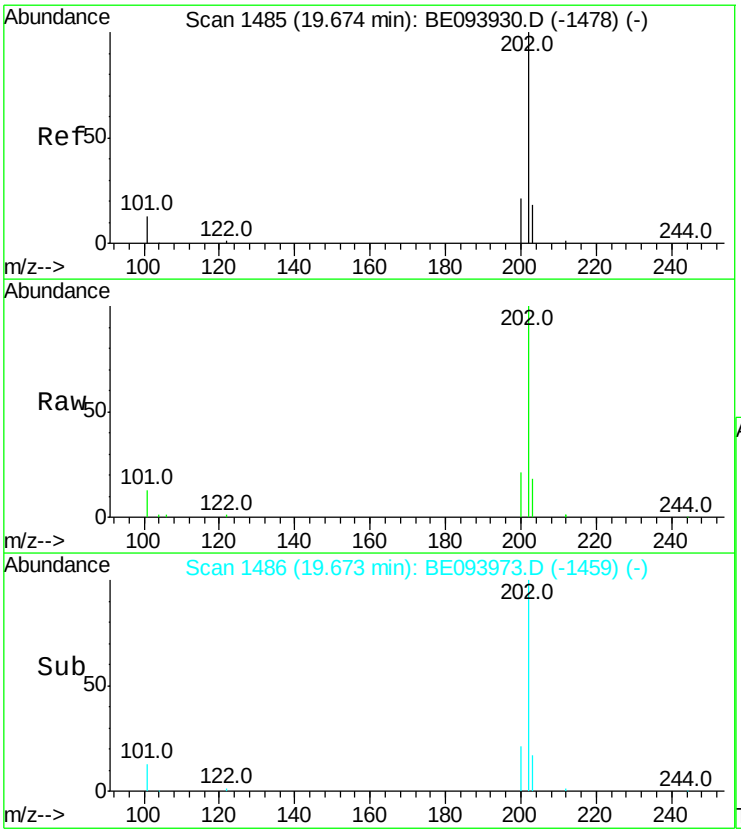
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 13606

Ion	Ratio	Lower	Upper
240	100		
120	14.6	8.7	13.1#
236	28.2	21.3	31.9

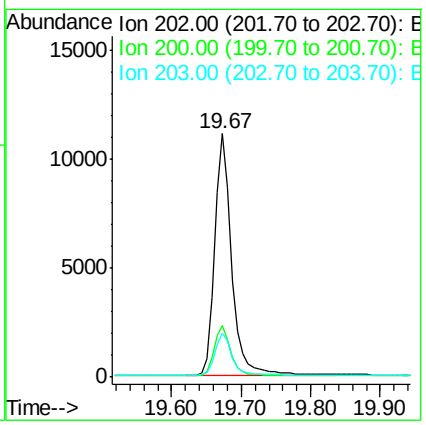


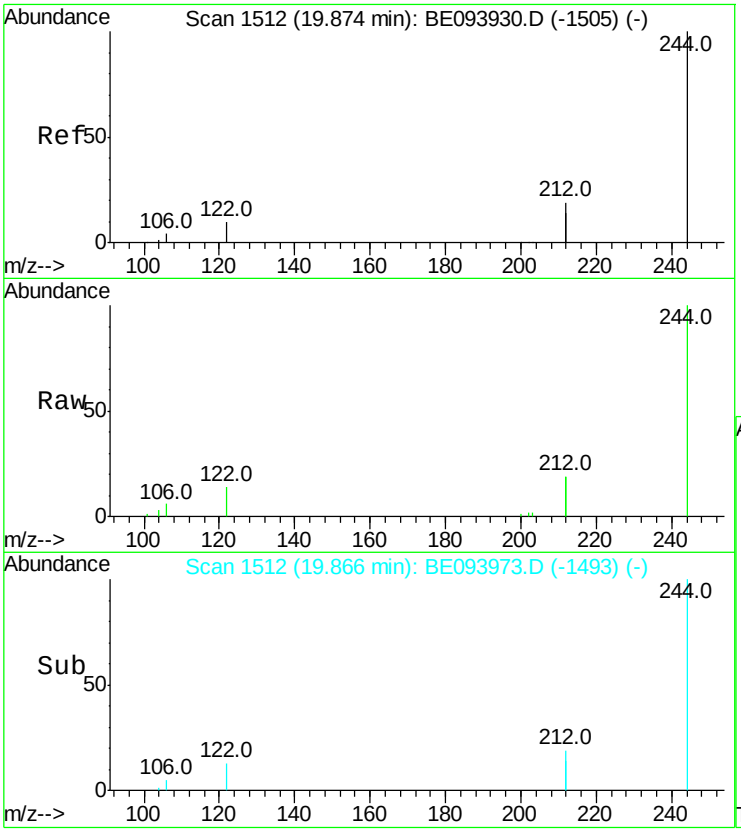


#28
Pyrene
Concen: 0.403 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:202 Resp: 18886

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.5	14.2	21.4



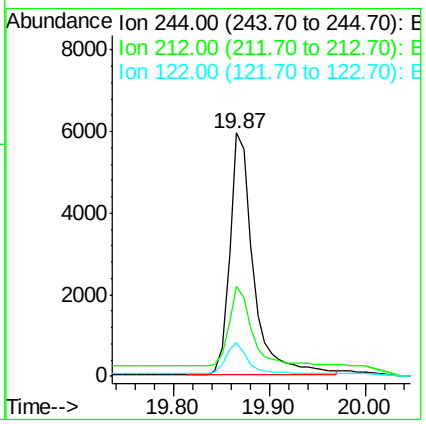


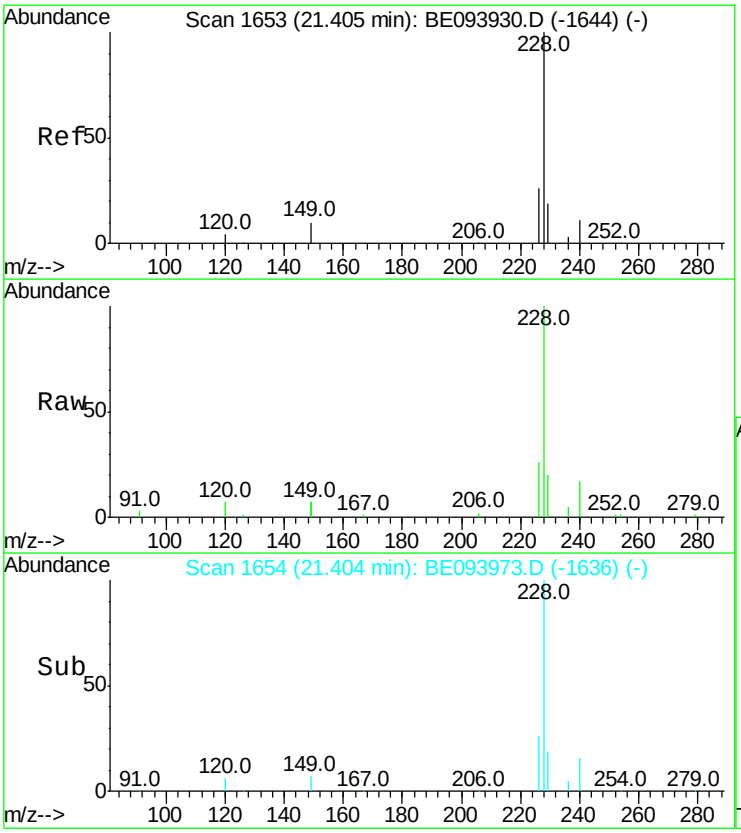
#29
Terphenyl-d14
Concen: 0.401 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 10049

Ion	Ratio	Lower	Upper
244	100		
212	37.2	28.3	42.5
122	13.7	9.4	14.0

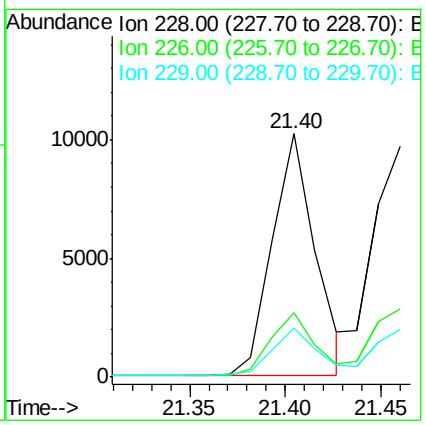


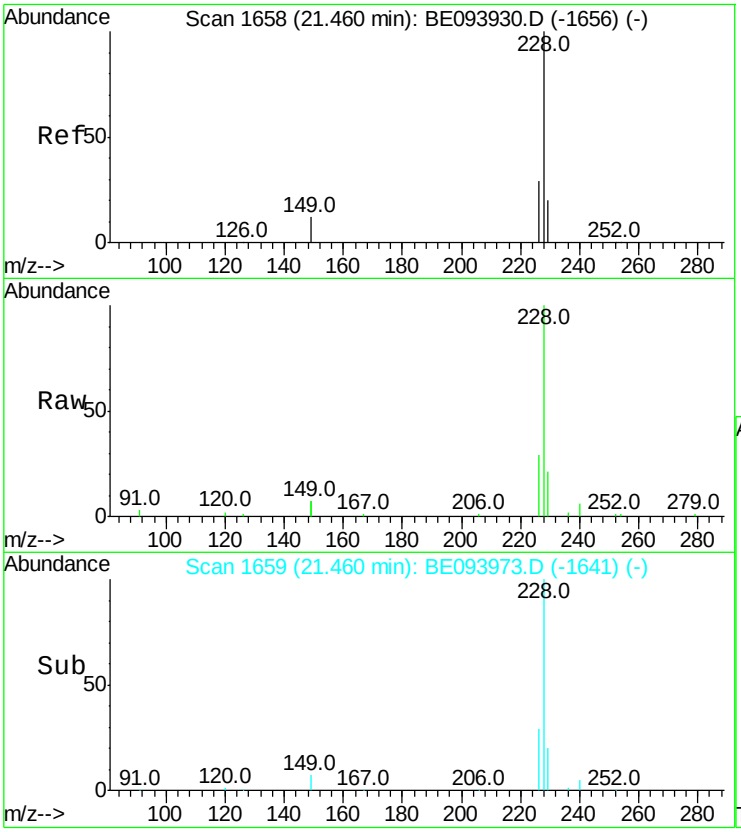


#30
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:228 Resp: 15840

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.8	31.2
229	19.9	16.6	25.0



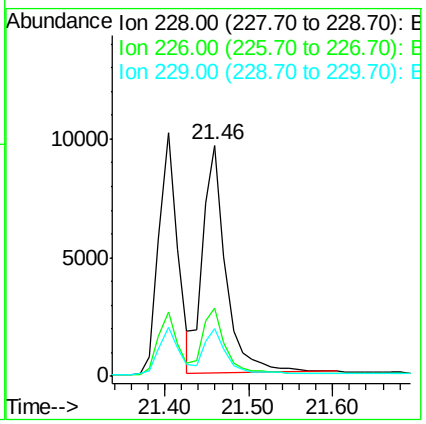


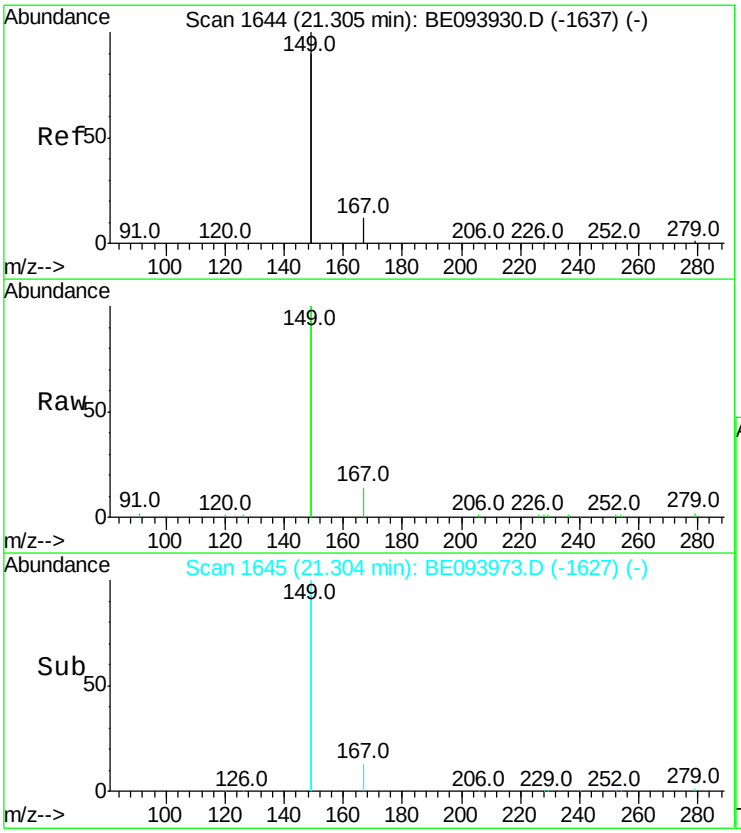
#31
Chrysene
Concen: 0.419 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 18546

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	20.7	15.8	23.8

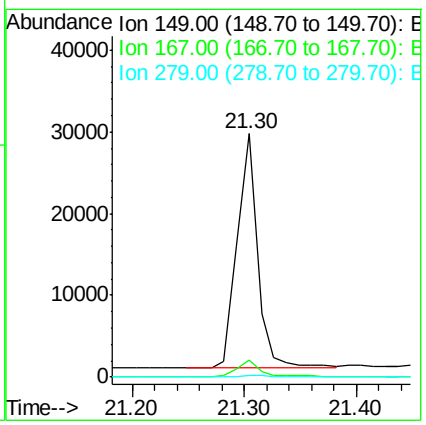


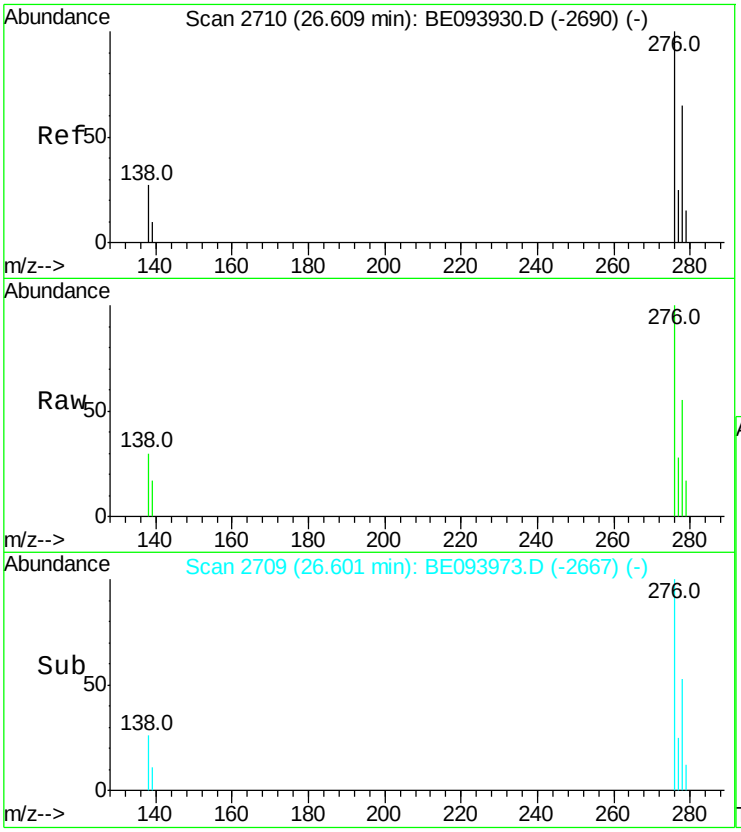


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.357 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:149 Resp: 36185

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1



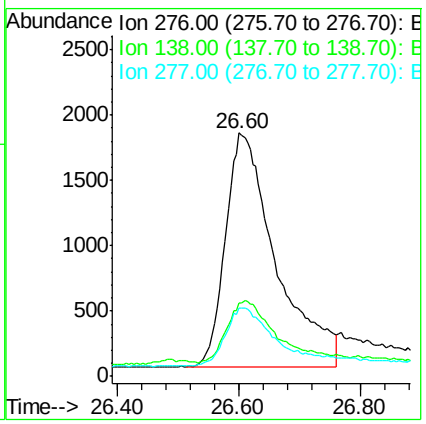


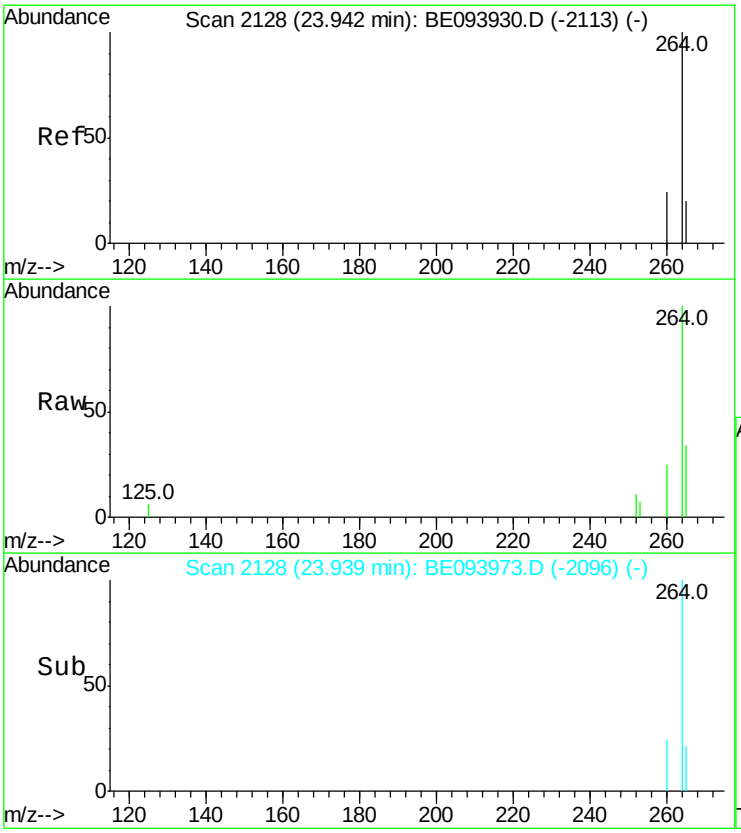
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10356

Ion	Ratio	Lower	Upper
276	100		
138	25.8	22.2	33.2
277	25.2	19.5	29.3

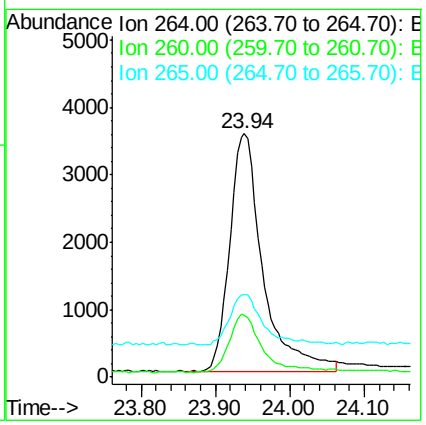


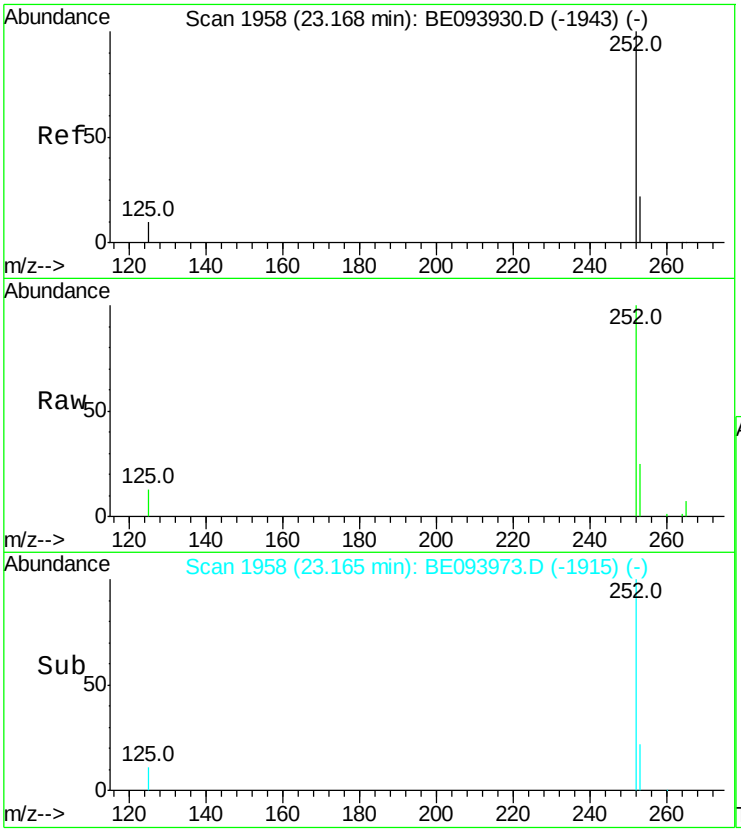


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:264 Resp: 10907

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	34.0	24.0	36.0



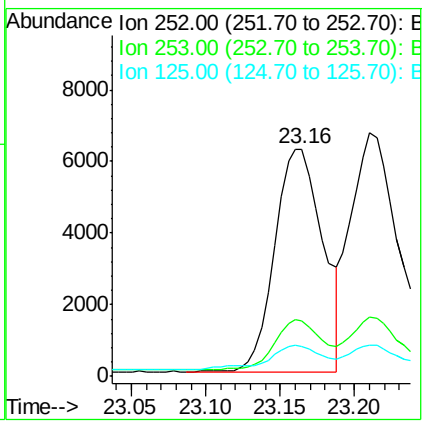


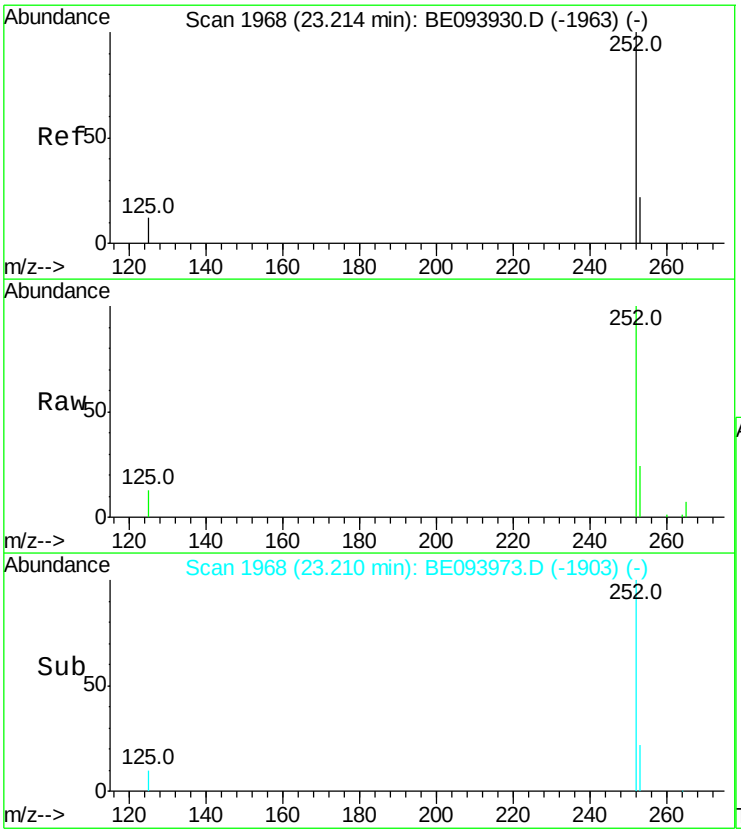
#35
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13952

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.0
125	13.4	10.0	15.0

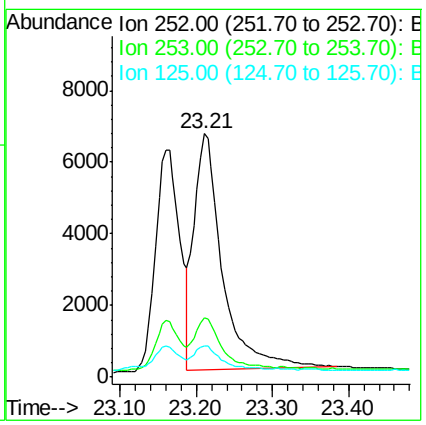


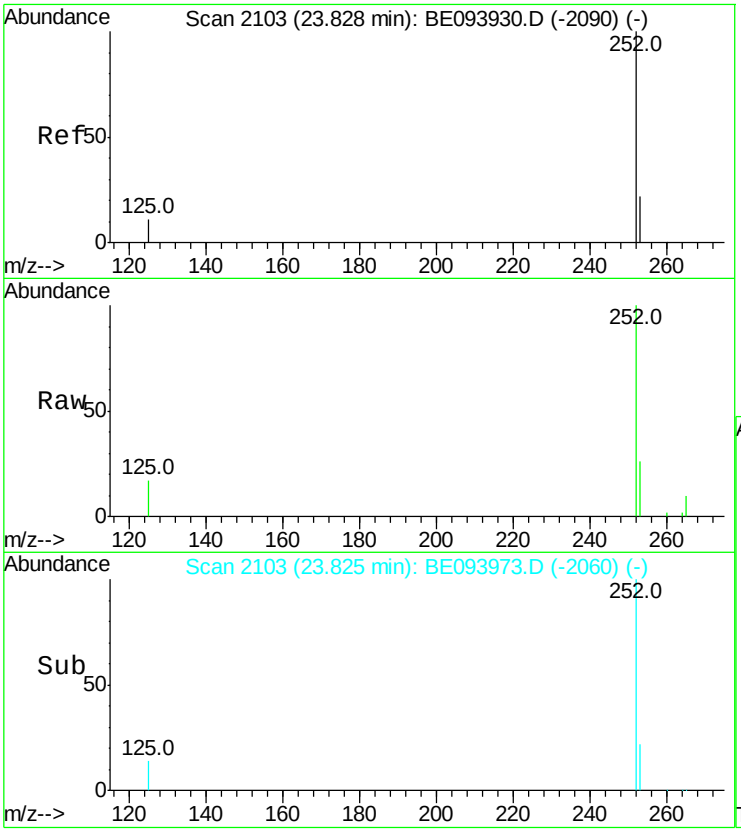


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.21 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:252 Resp: 16950

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	12.8	9.8	14.6



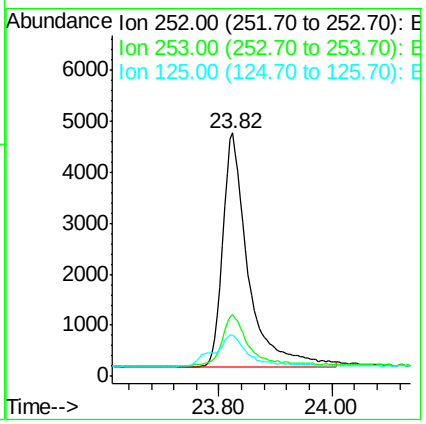


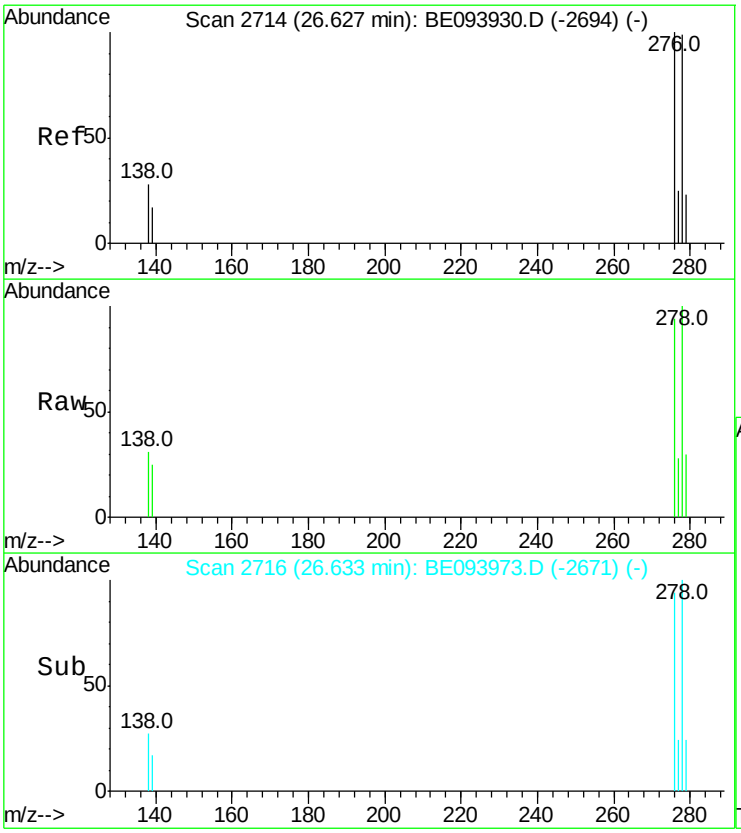
#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.82 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 14342

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.6	29.4
125	17.3	11.8	17.8

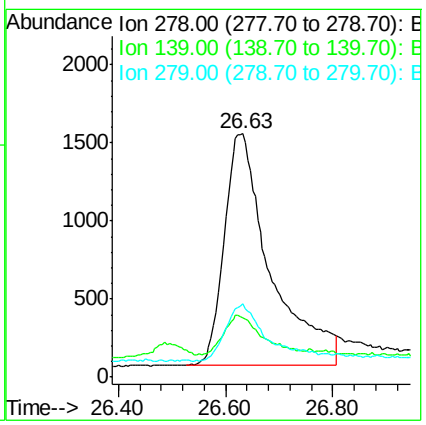


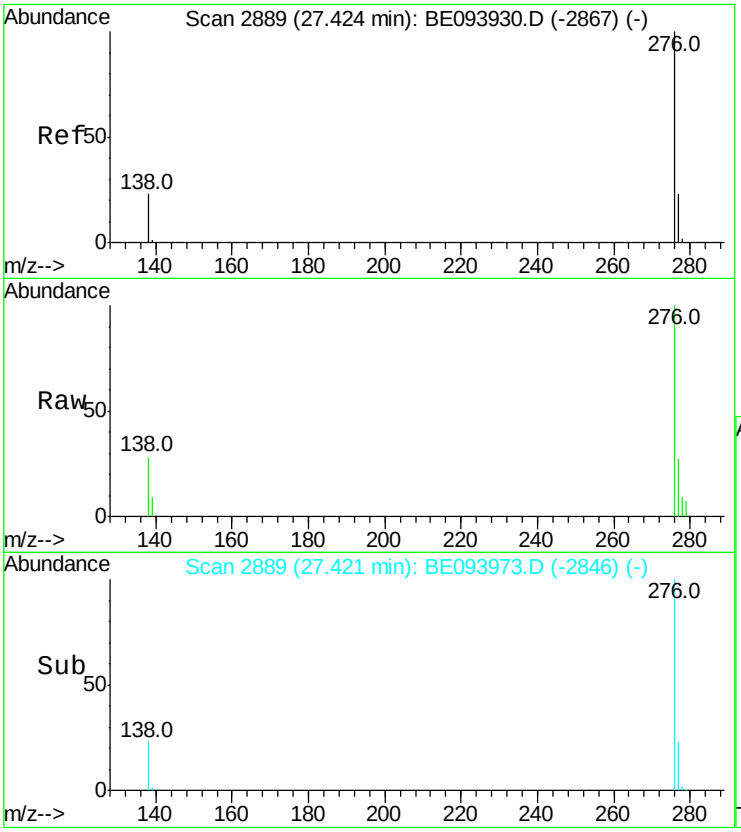


#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.01 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Tgt Ion:278 Resp: 8869

Ion	Ratio	Lower	Upper
278	100		
139	24.6	16.7	25.1
279	30.1	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 27.42 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BE093973.D
Acq: 11 Sep 2017 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9478

Ion	Ratio	Lower	Upper
276	100		
277	26.9	20.6	30.8
138	27.8	21.9	32.9