Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090517\
Data File : BE093930.D
Acq On : 5 Sep 2017 10:43
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Sep 05 12:11:39 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 12:08:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1879	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	9676	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	5485	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	10518	0.40	ng		0.00
27) Chrysene-d12	21.43	240	13822	0.40	ng		0.00
34) Perylene-d12	23.94	264	11333	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	2400	0.41	ng		0.00
5) Phenol-d6	7.11	99	3546	0.40	ng		0.00
8) Nitrobenzene-d5	9.08	82	3259	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	6354	0.42	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	704	0.48	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	8880	0.41	ng		0.00
25) Fluoranthene-d10	19.28	212	61232	0.50	ng		0.00
29) Terphenyl-d14	19.87	244	10174	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	1024	0.397	ng		96
3) n-Nitrosodimethylamine	3.75	42	1212	0.422	ng	#	97
6) bis(2-Chloroethyl)ether	7.34	93	2967	0.436	ng		87
9) Naphthalene	10.76	128	44969	0.408	ng		100
10) Hexachlorobutadiene	11.04	225	1622	0.417	ng		98
12) 2-Methylnaphthalene	12.37	142	7519	0.408	ng		99
16) Acenaphthylene	14.24	152	10666	0.393	ng		99
17) Acenaphthene	14.58	154	7516	0.411	ng		98
18) Fluorene	15.58	166	9397	0.397	ng		100
20) 4-Bromophenyl-phenylether	16.45	248	2719	0.624	ng		85
21) Hexachlorobenzene	16.58	284	2656	0.700	ng	#	100
22) Pentachlorophenol	16.94	266	667	0.405	ng		97
23) Phenanthrene	17.30	178	17463	0.653	ng	#	100
24) Anthracene	17.40	178	10327	0.324	ng	#	56
26) Fluoranthene	19.31	202	18087	0.494	ng		99
28) Pyrene	19.67	202	18958	0.408	ng		100
30) Benzo(a)anthracene	21.40	228	17119	0.417	ng		98
31) Chrysene	21.46	228	17830	0.391	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	39429	0.456	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	11819	0.380	ng		98
35) Benzo(b)fluoranthene	23.17	252	14487	0.400	ng		97
36) Benzo(k)fluoranthene	23.17	252	14487	0.350	ng		94
37) Benzo(a)pyrene	23.83	252	14646	0.408	ng		95
38) Dibenzo(a,h)anthracene	26.63	278	9791	0.386	ng	#	91
39) Benzo(g,h,i)perylene	27.42	276	10254	0.371	ng		98

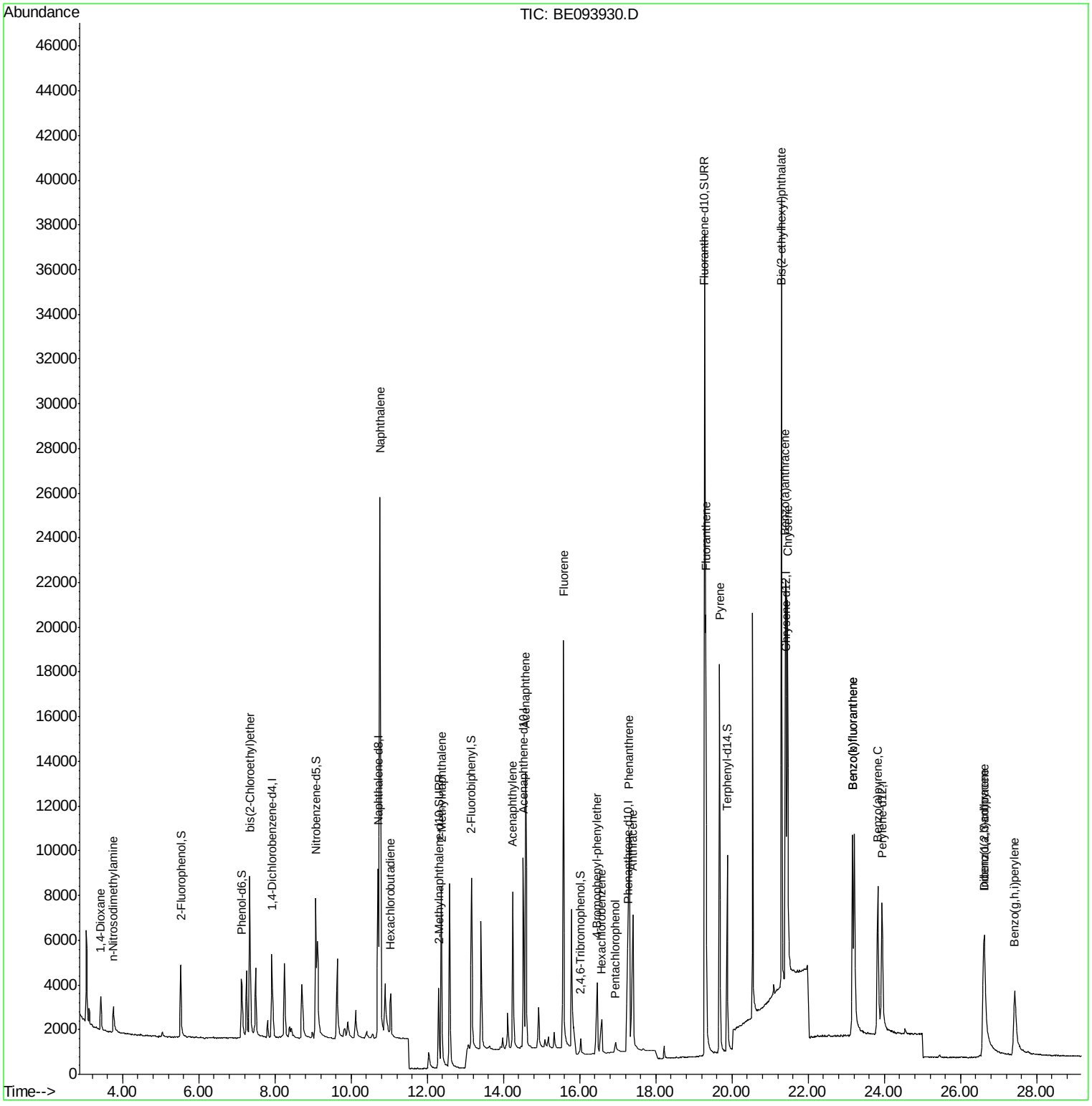
(#) = qualifier out of range (m) = manual integration (+) = signals summed

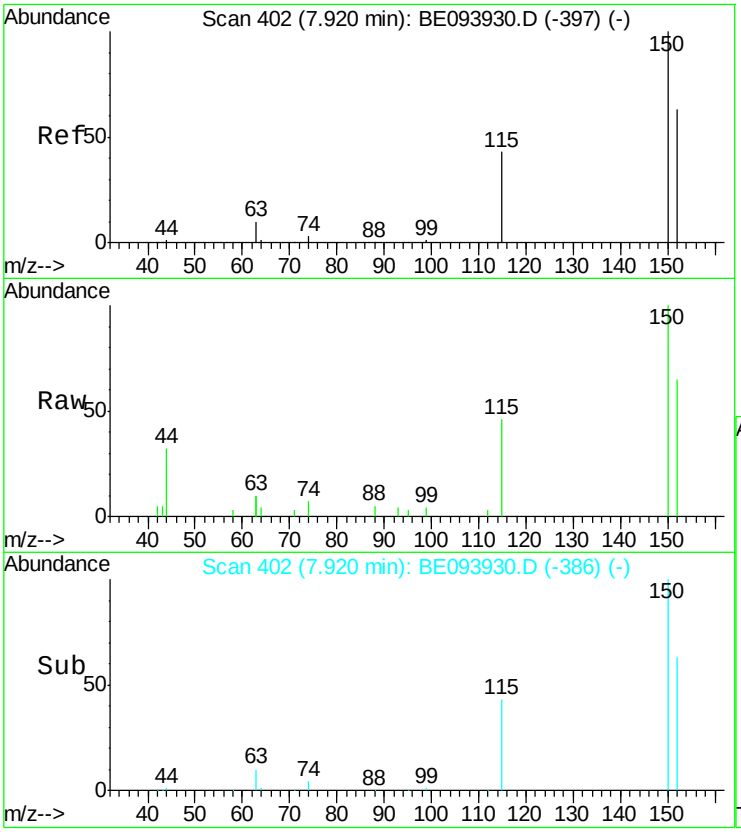
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090517\
Data File : BE093930.D
Acq On : 5 Sep 2017 10:43
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 05 12:11:39 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 12:08:29 2017
Response via : Initial Calibration



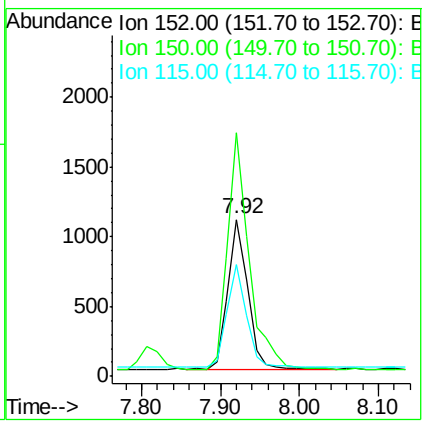


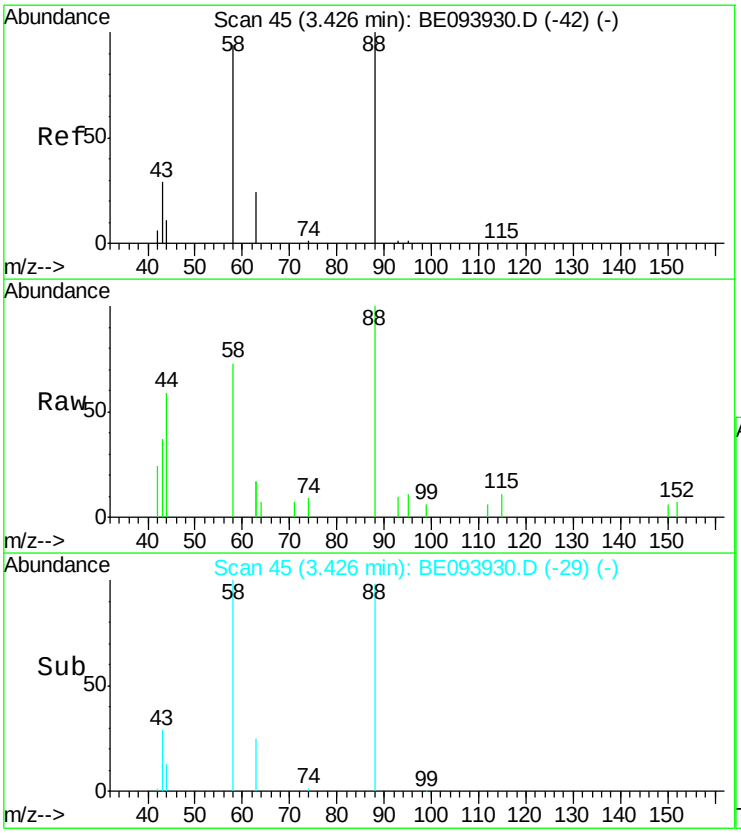
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1879

Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.8	182.6
115	70.9	52.6	79.0

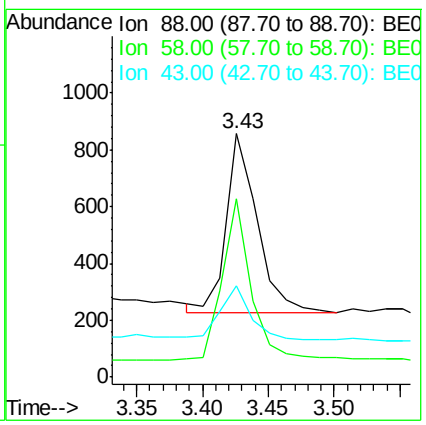


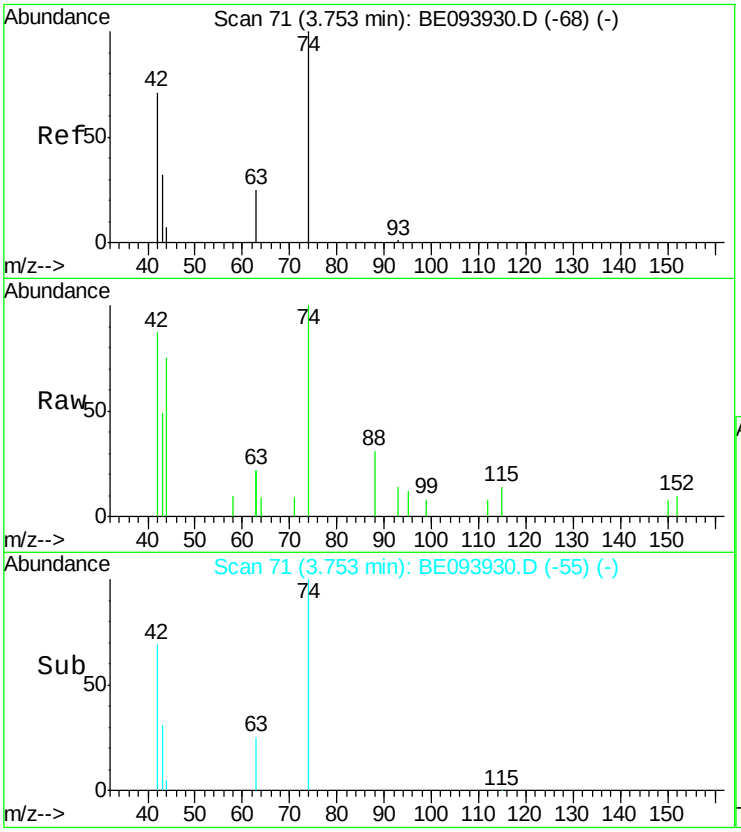


#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.43 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion: 88 Resp: 1024

Ion	Ratio	Lower	Upper
88	100		
58	86.4	65.4	98.0
43	30.7	23.9	35.9



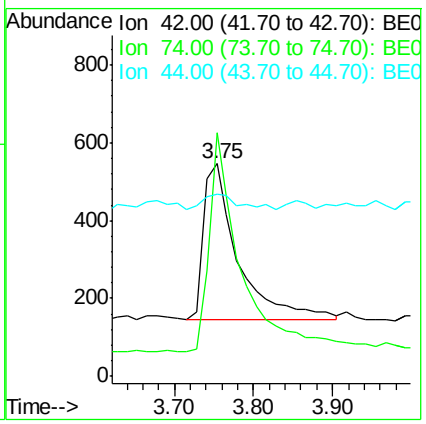


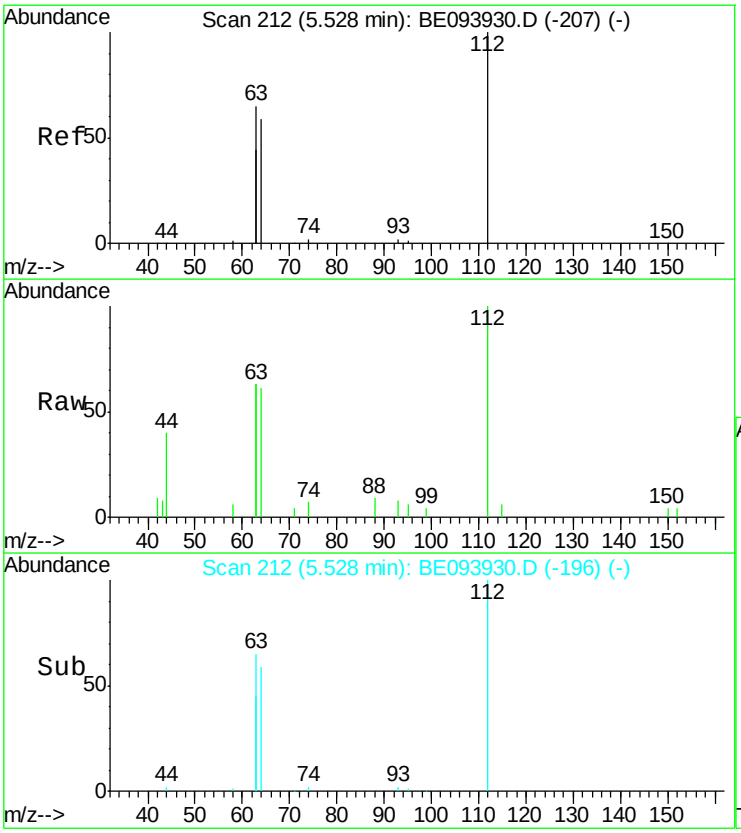
#3
n-Nitrosodimethylamine
Concen: 0.422 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1212

Ion	Ratio	Lower	Upper
42	100		
74	129.0	104.0	156.0
44	10.1	13.8	20.8#

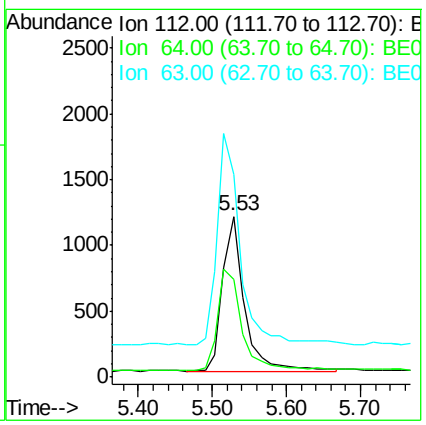


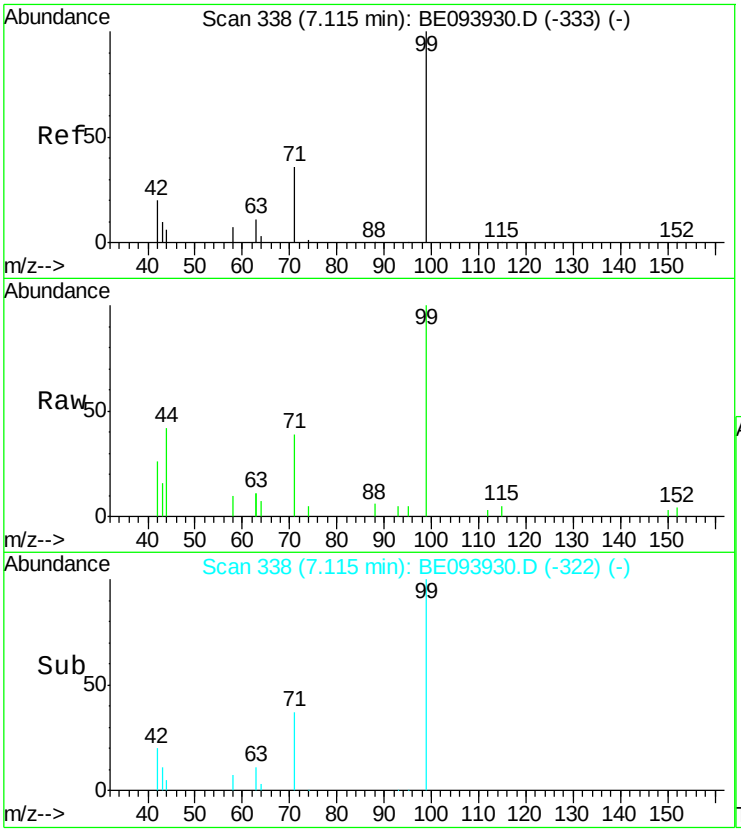


#4
2-Fluorophenol
Concen: 0.415 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:112 Resp: 2400

Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.7	86.5
63	141.9	116.0	174.0



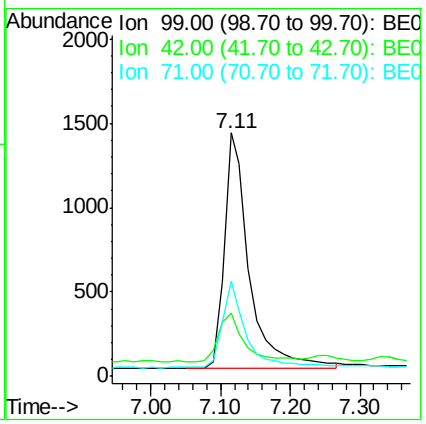


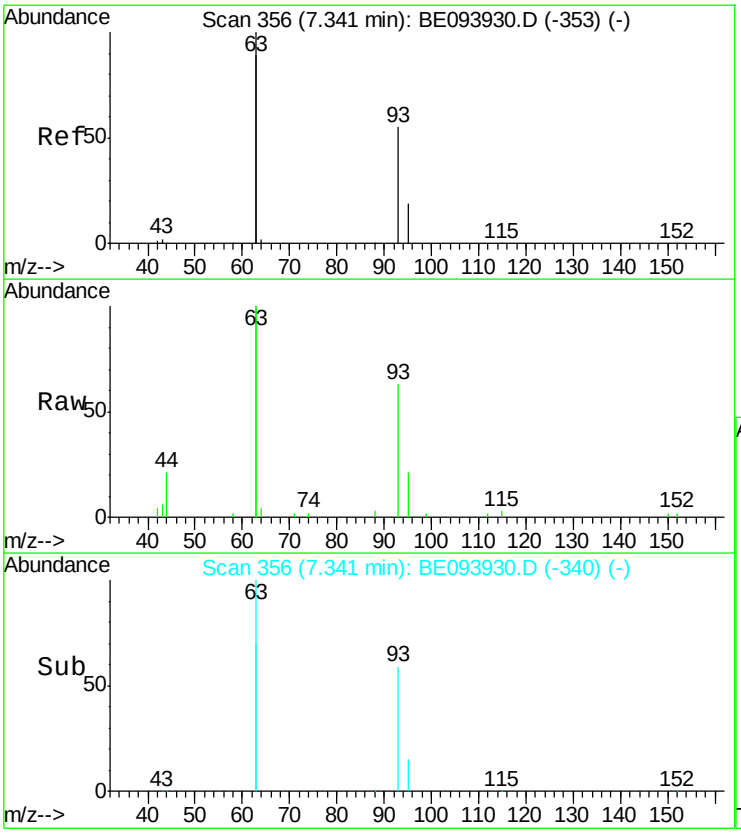
#5
Phenol-d6
Concen: 0.401 ng
RT: 7.11 min Scan# 338
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 3546

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	34.7	26.6	39.8

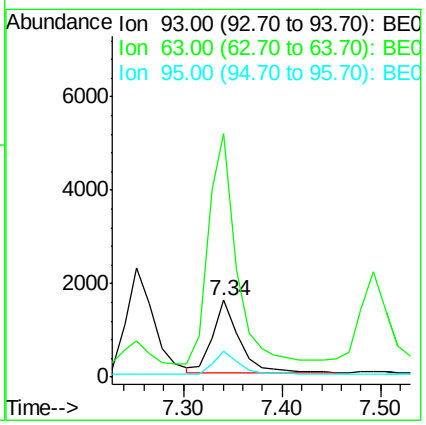


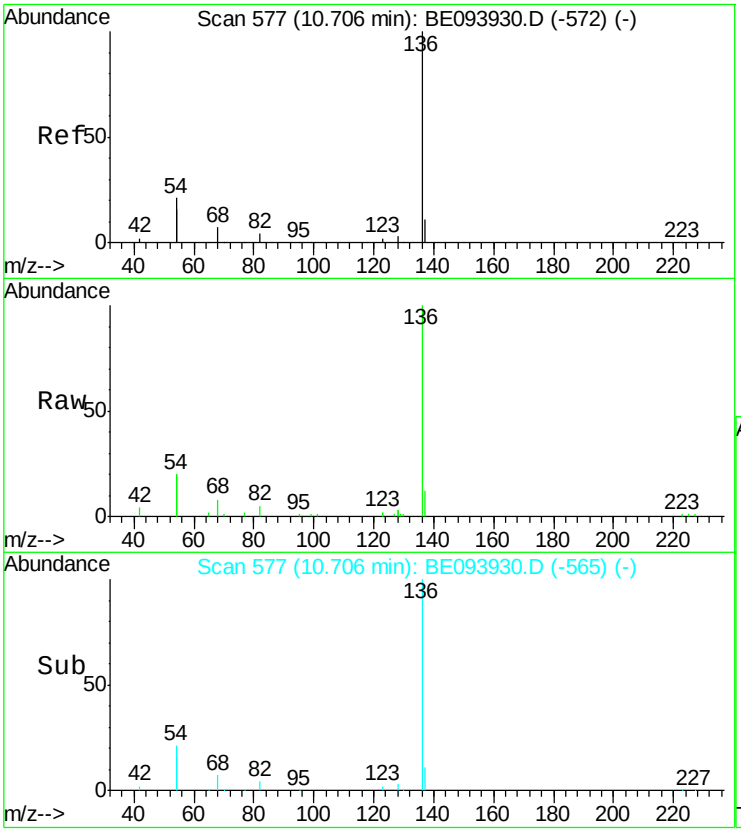


#6
bis(2-Chloroethyl)ether
Concen: 0.436 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion: 93 Resp: 2967

Ion	Ratio	Lower	Upper
93	100		
63	324.7	283.4	425.2
95	30.4	26.9	40.3



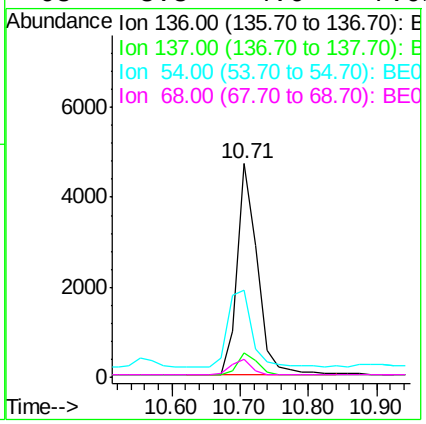


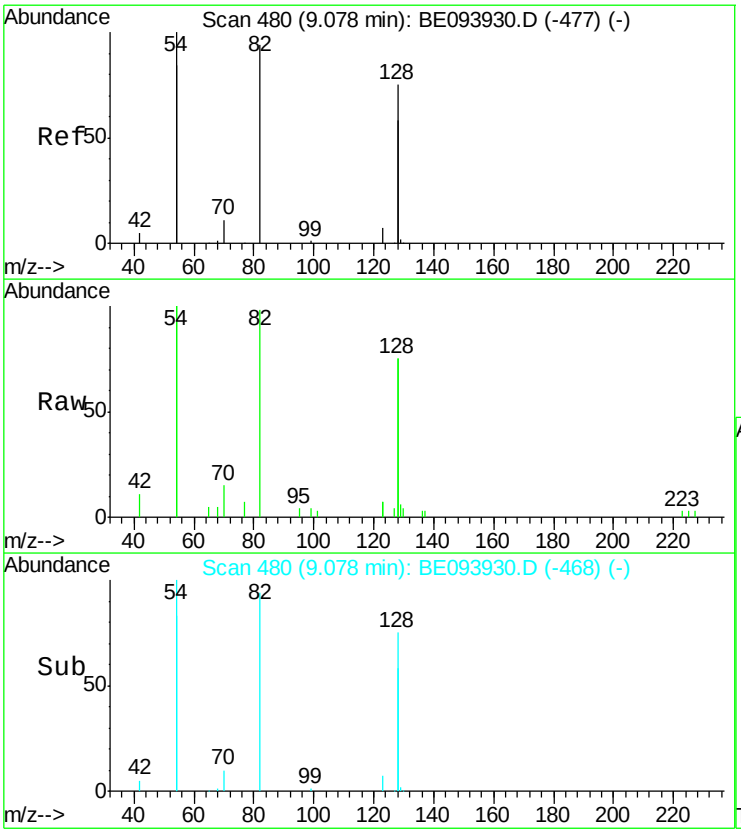
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 9676

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	40.7	21.9	32.9#
68	8.3	4.6	7.0#

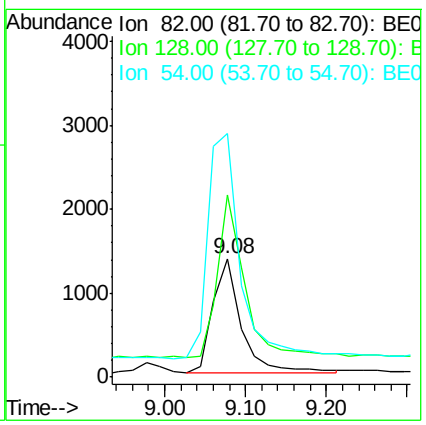


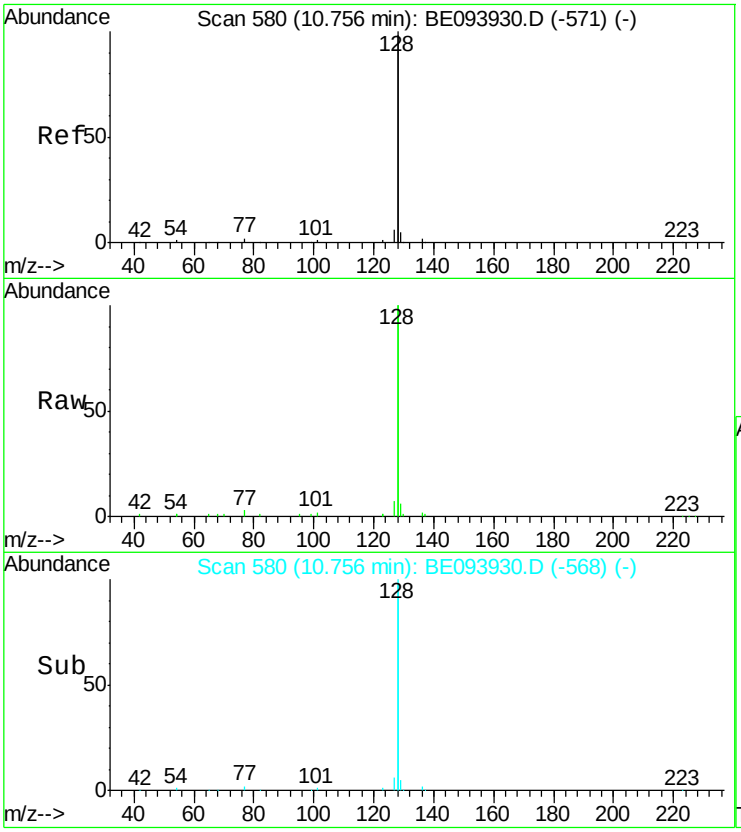


#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion: 82 Resp: 3259

Ion	Ratio	Lower	Upper
82	100		
128	153.0	91.4	137.0#
54	204.9	197.8	296.8



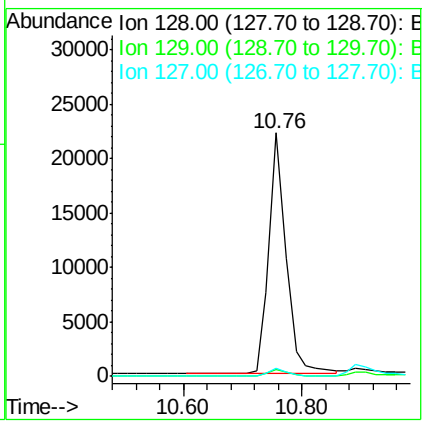


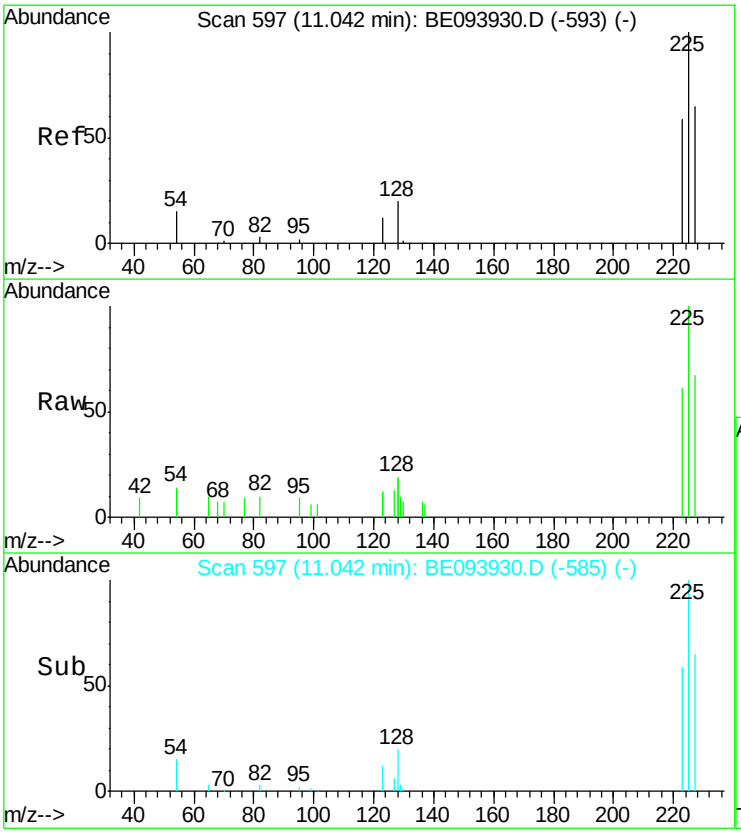
#9
Naphthalene
Concen: 0.408 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 44969

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.4	2.6	4.0

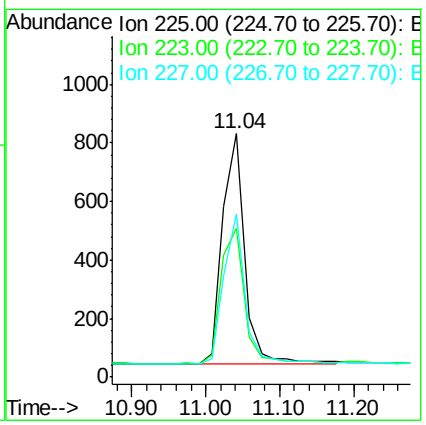


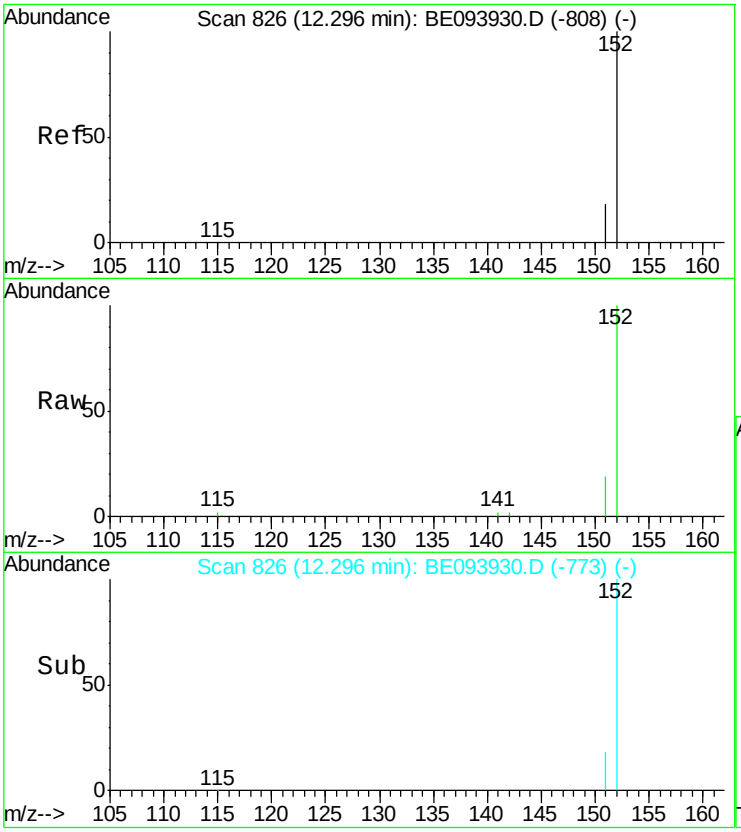


#10
Hexachlorobutadiene
Concen: 0.417 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:225 Resp: 1622

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.4	74.0
227	63.9	50.5	75.7



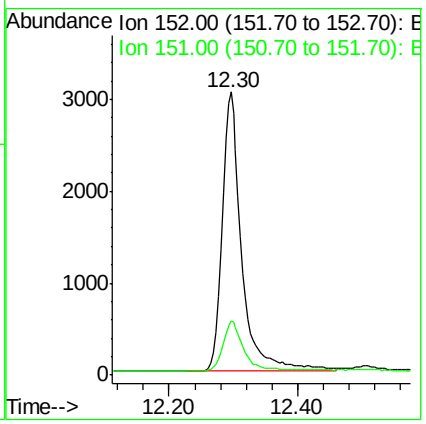


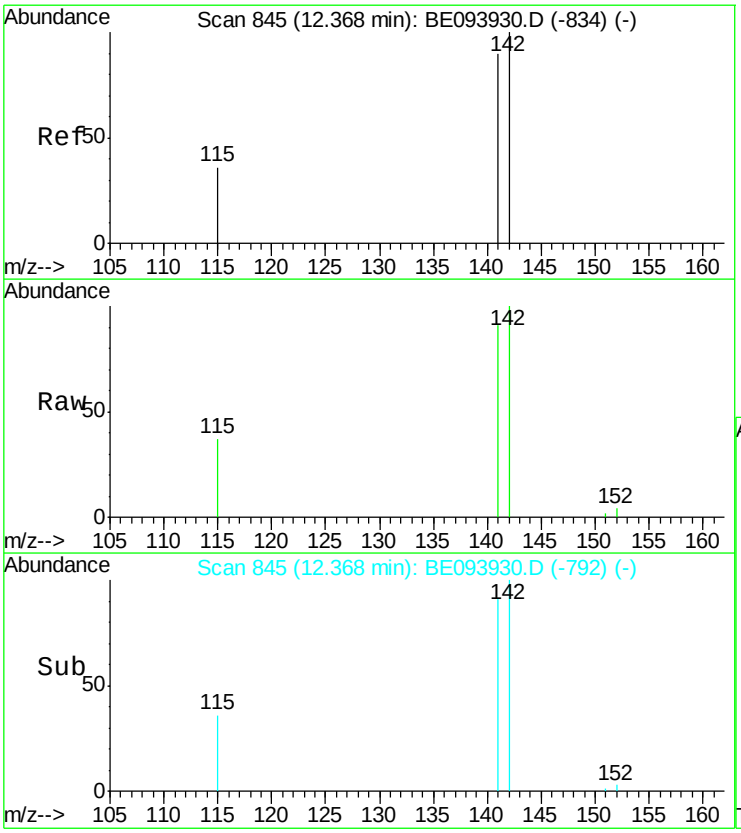
#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.30 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 6354

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.0

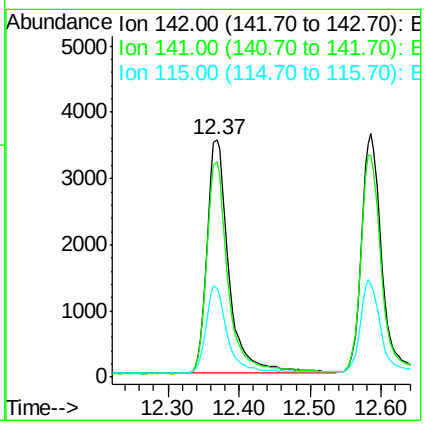


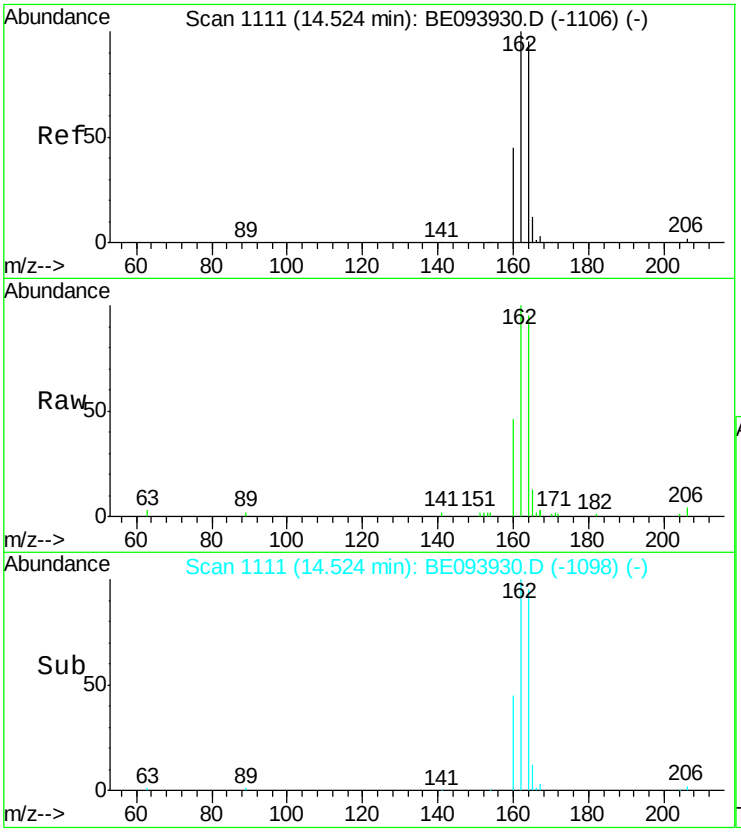


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.37 min Scan# 845
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:142 Resp: 7519

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.4	107.2
115	37.3	29.4	44.0



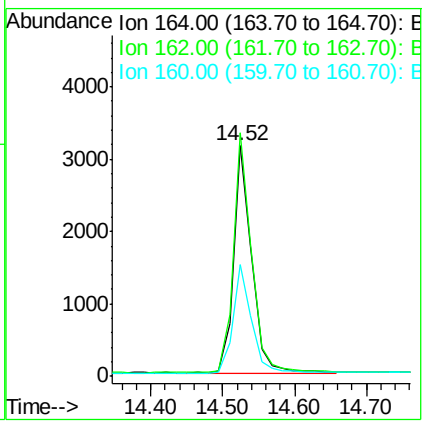


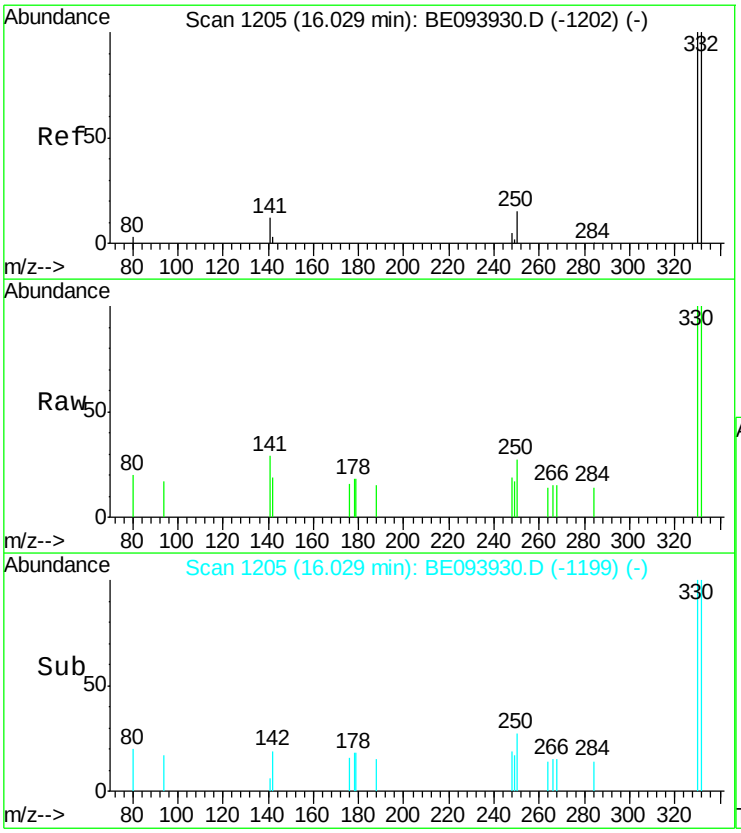
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 5485

Ion	Ratio	Lower	Upper
164	100		
162	105.6	80.8	121.2
160	48.5	37.0	55.4

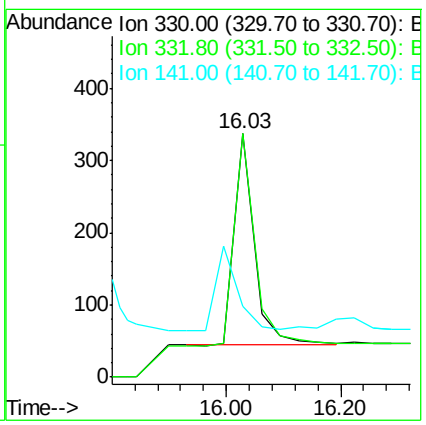


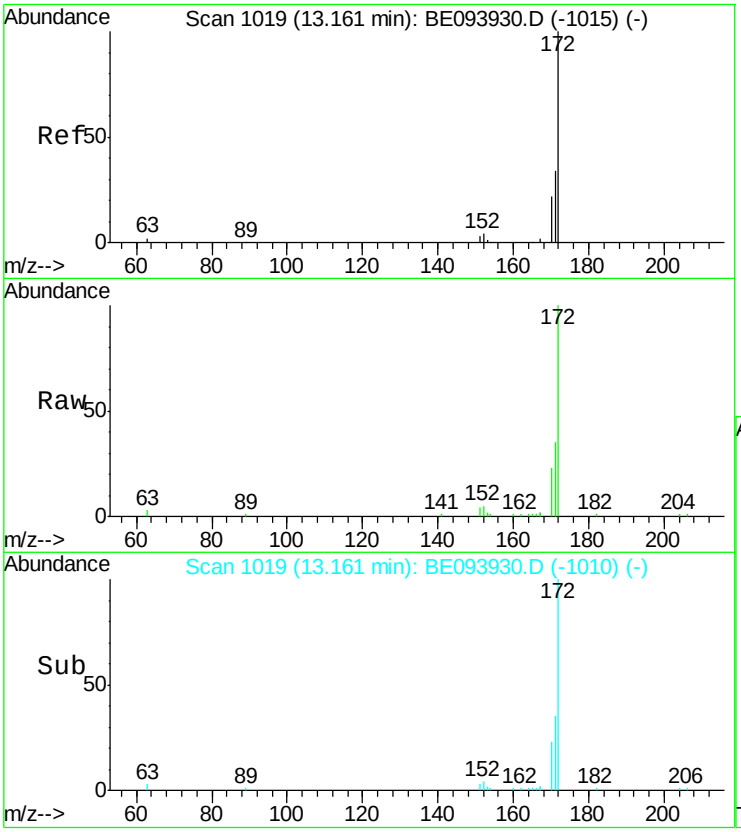


#14
2,4,6-Tribromophenol
Concen: 0.479 ng
RT: 16.03 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:330 Resp: 704

Ion	Ratio	Lower	Upper
330	100		
332	104.4	76.9	115.3
141	0.0	0.0	0.0



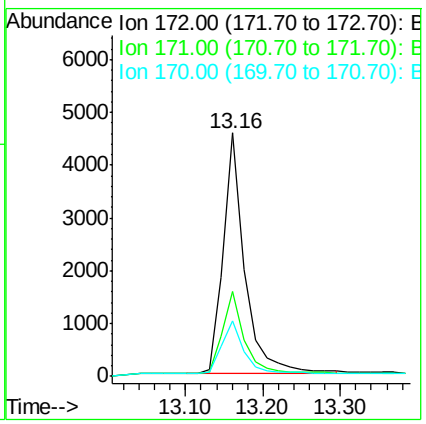


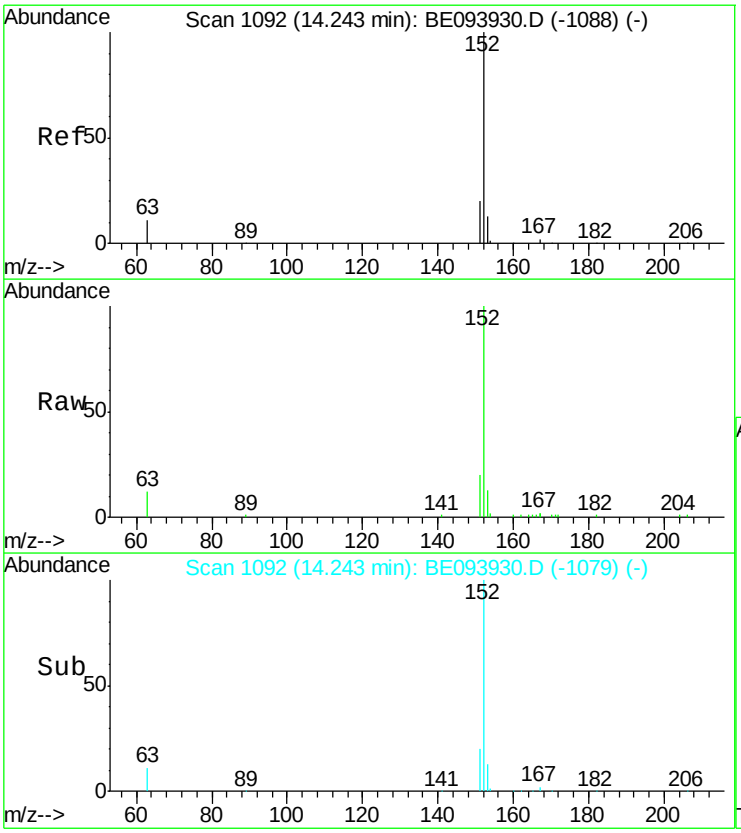
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.16 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 8880

Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.9	40.3
170	23.0	17.3	25.9

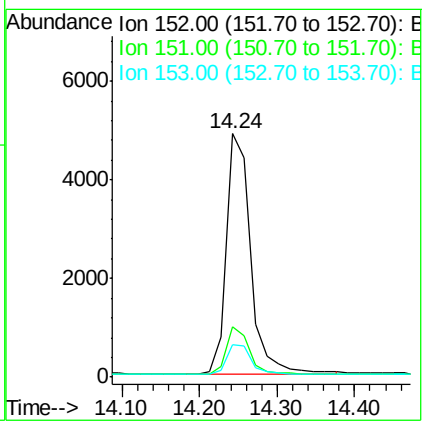


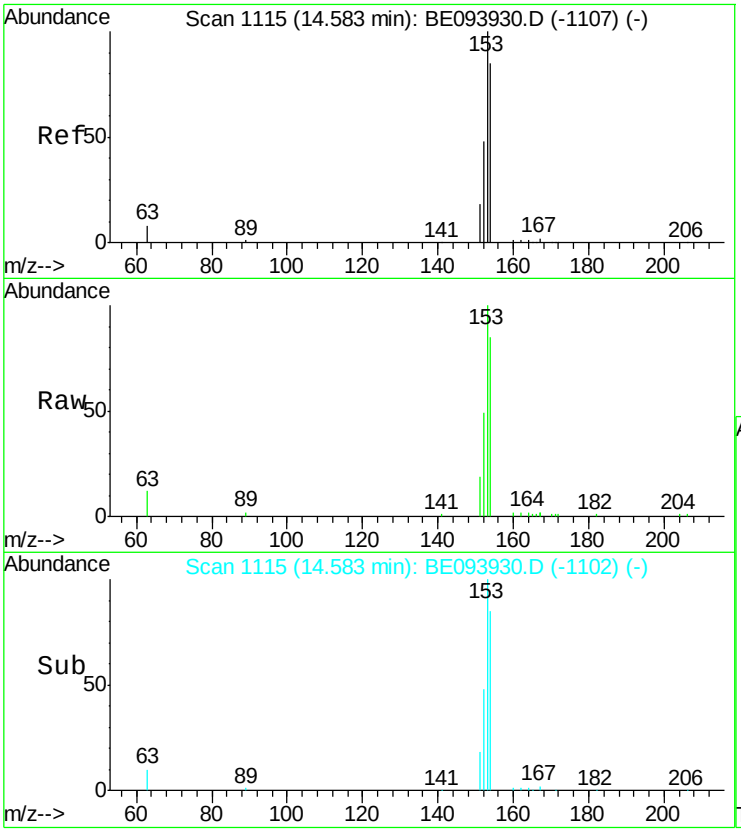


#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.24 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:152 Resp: 10666

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	13.0	10.6	16.0



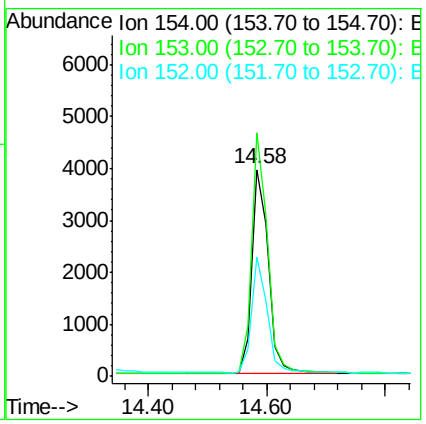


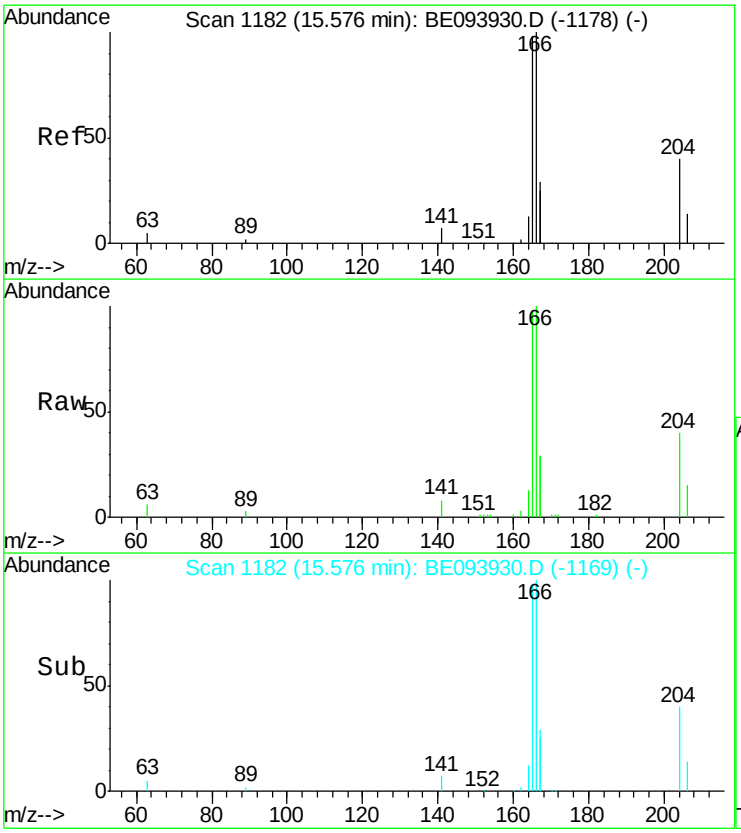
#17
Acenaphthene
Concen: 0.411 ng
RT: 14.58 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 7516

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.8	137.6
152	53.8	44.9	67.3

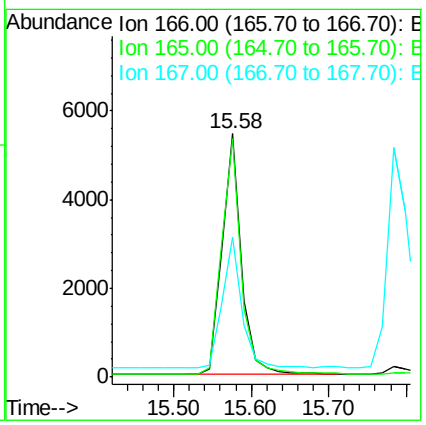


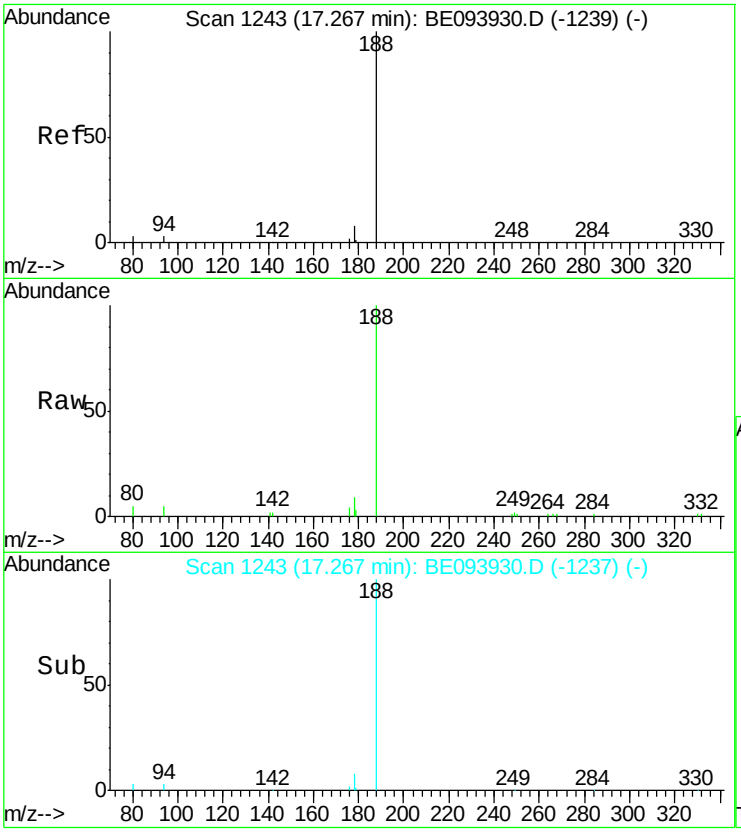


#18
Fluorene
Concen: 0.397 ng
RT: 15.58 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:166 Resp: 9397

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.4	119.0
167	54.4	43.5	65.3



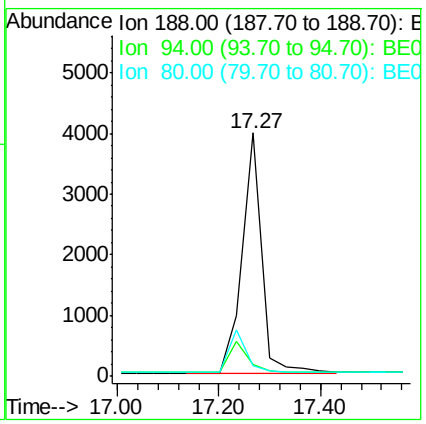


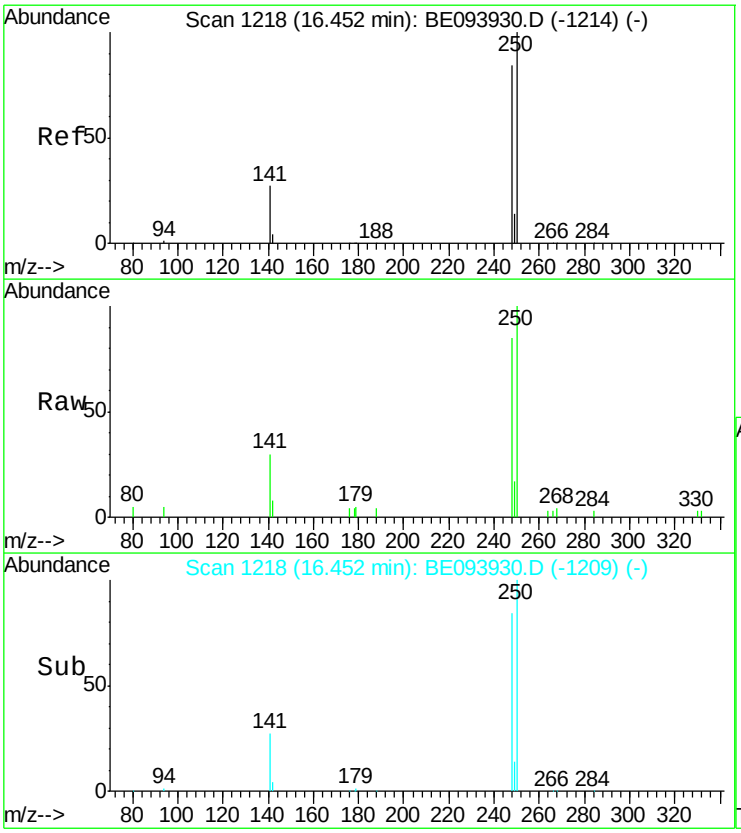
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 10518

Ion	Ratio	Lower	Upper
188	100		
94	4.7	16.1	24.1#
80	4.6	18.2	27.2#

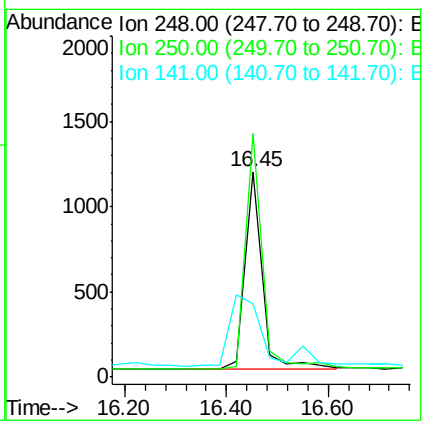


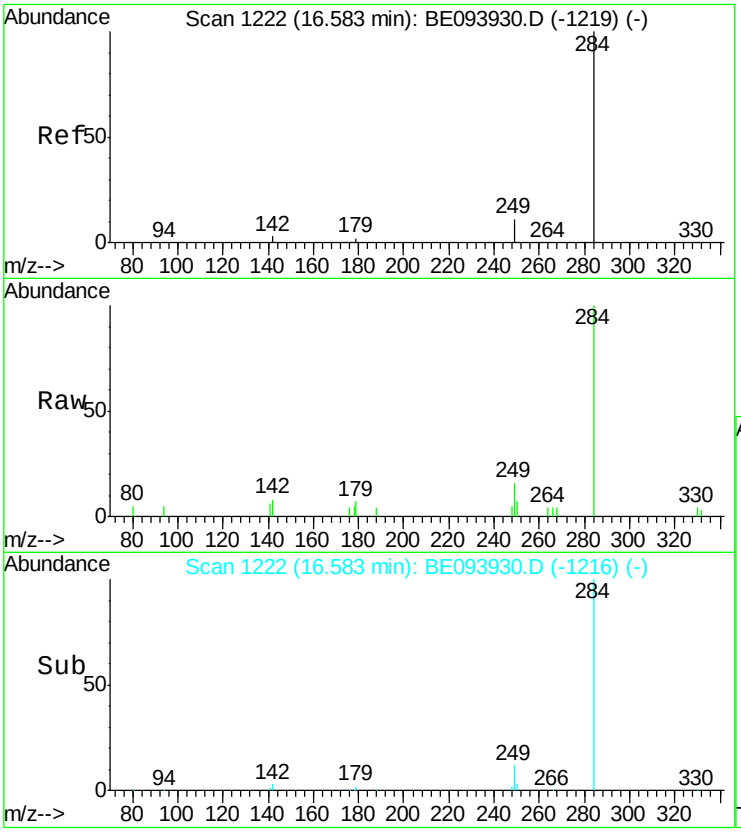


#20
4-Bromophenyl-phenylether
Concen: 0.624 ng
RT: 16.45 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:248 Resp: 2719

Ion	Ratio	Lower	Upper
248	100		
250	118.3	111.8	167.8
141	35.9	27.1	40.7



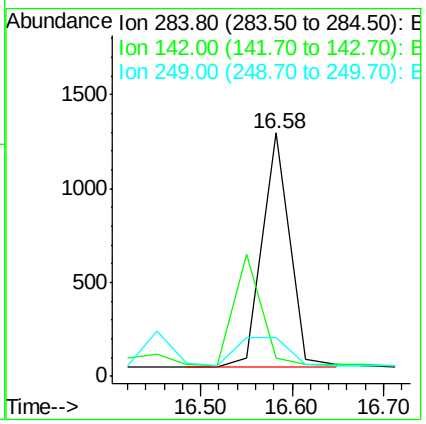


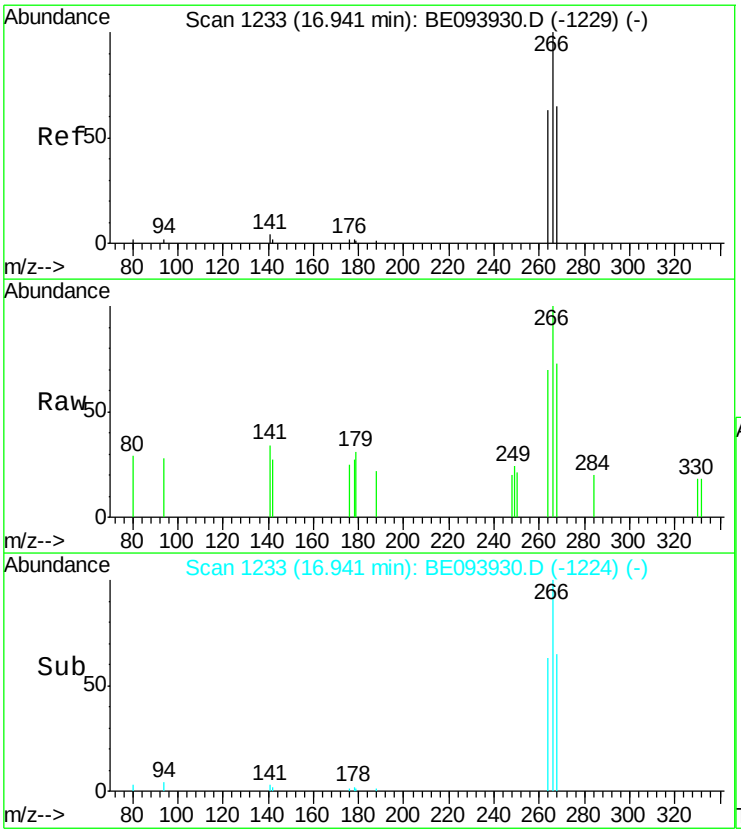
#21
Hexachlorobenzene
Concen: 0.700 ng
RT: 16.58 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 2656

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	22.3	0.0	0.0#

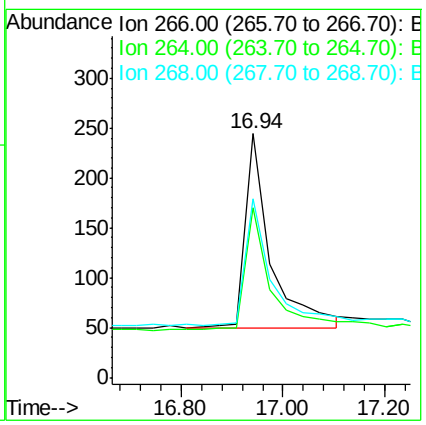


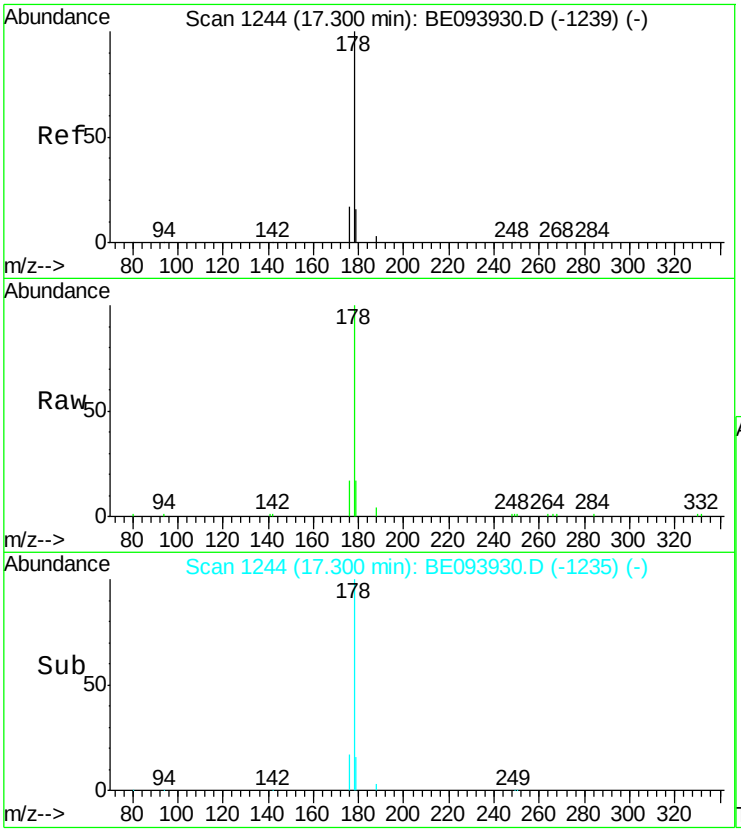


#22
Pentachlorophenol
Concen: 0.405 ng
RT: 16.94 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:266 Resp: 667

Ion	Ratio	Lower	Upper
266	100		
264	69.7	53.5	80.3
268	73.4	60.0	90.0



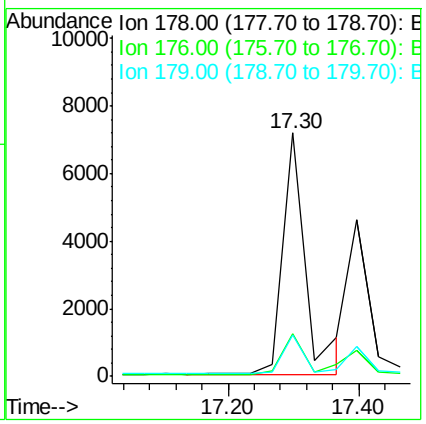


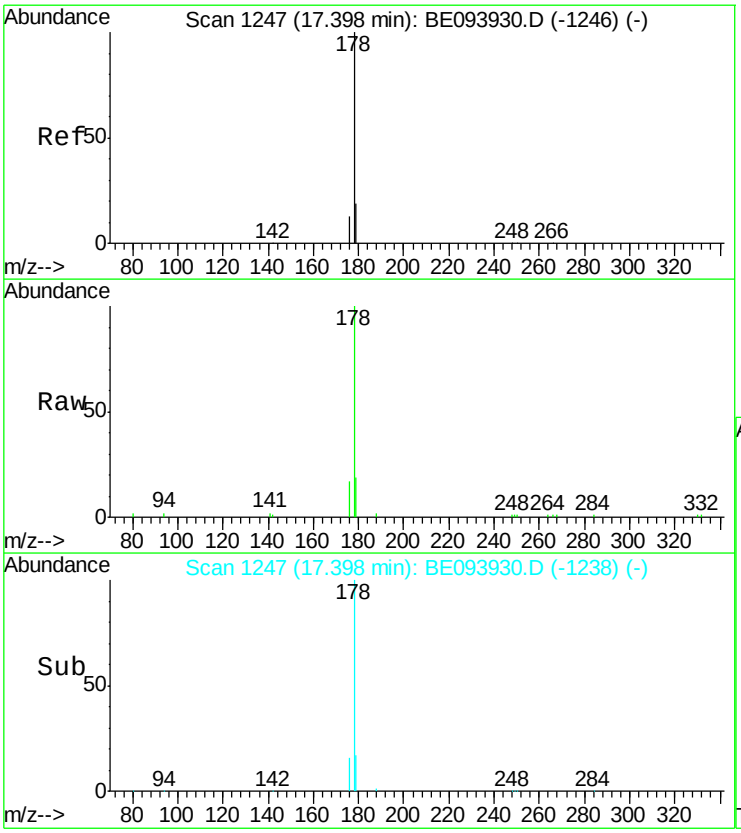
#23
Phenanthrene
Concen: 0.653 ng
RT: 17.30 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 17463

Ion	Ratio	Lower	Upper
178	100		
176	18.6	0.0	0.0#
179	15.5	12.6	18.8

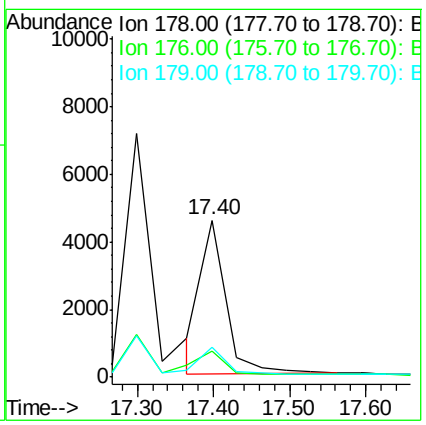


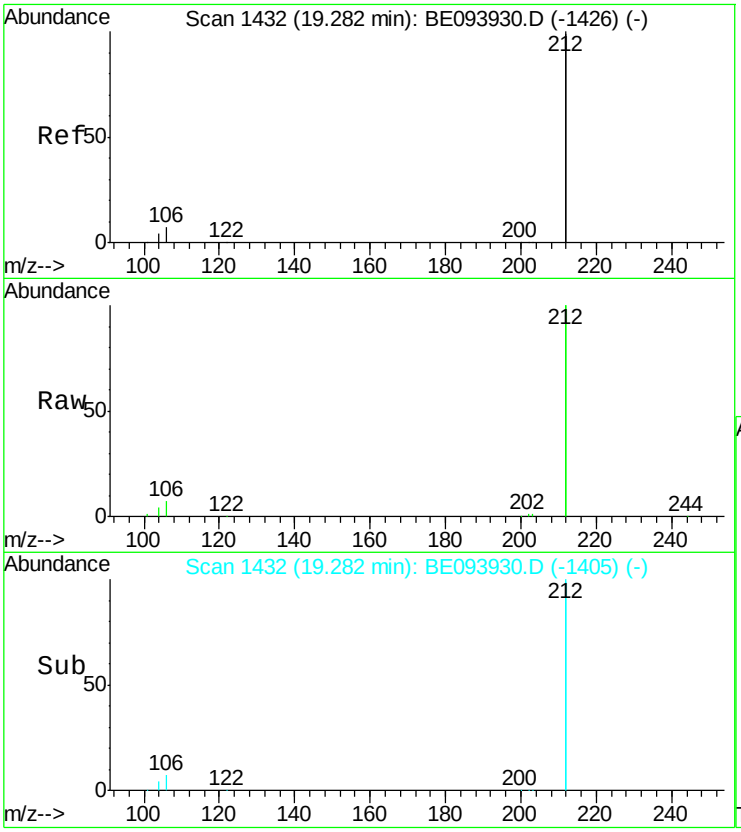


#24
Anthracene
Concen: 0.324 ng
RT: 17.40 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:178 Resp: 10327

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	17.2	0.0	0.0#



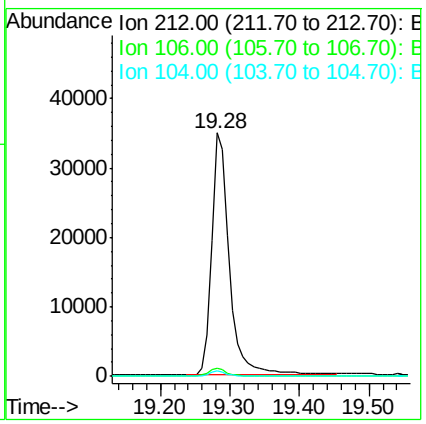


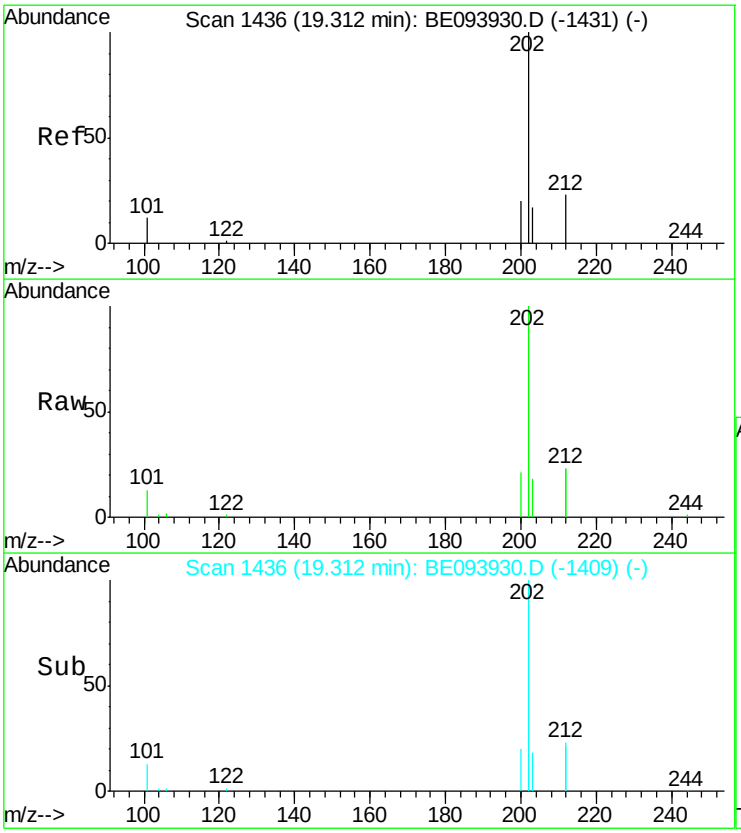
#25
Fluoranthene-d10
Concen: 0.505 ng
RT: 19.28 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 61232

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

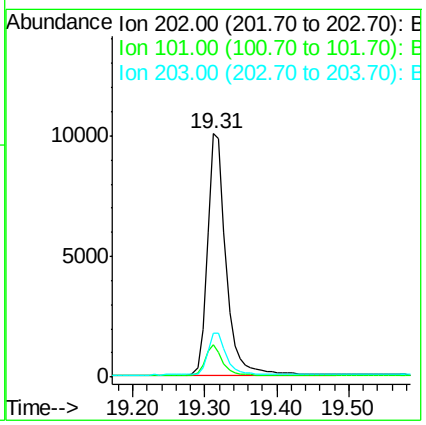


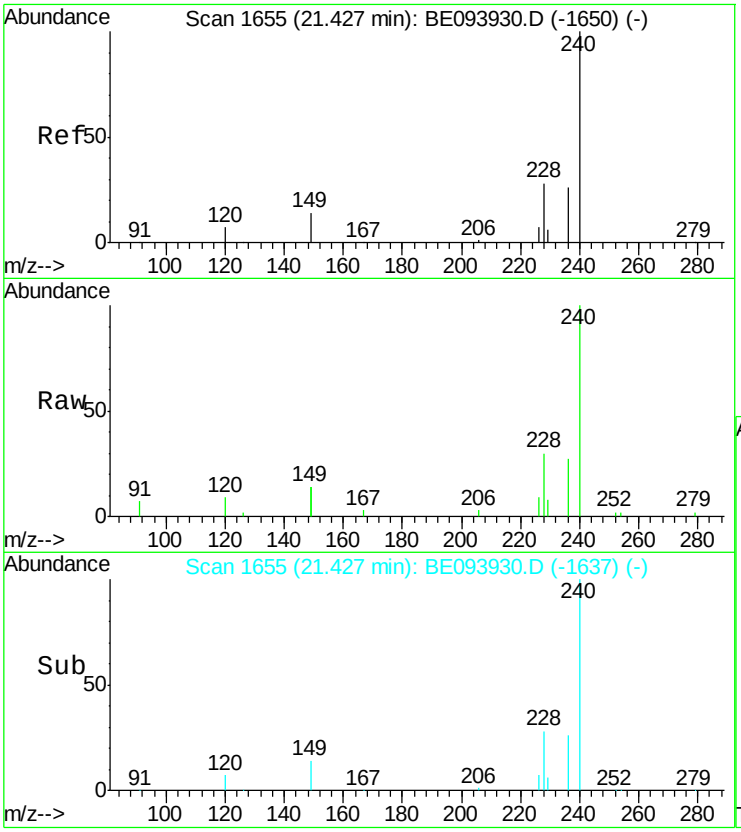


#26
Fluoranthene
Concen: 0.494 ng
RT: 19.31 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:202 Resp: 18087

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
203	16.6	13.7	20.5



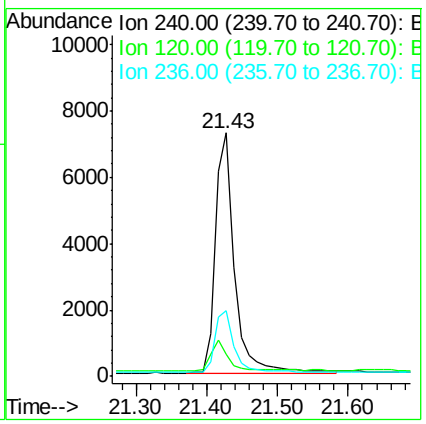


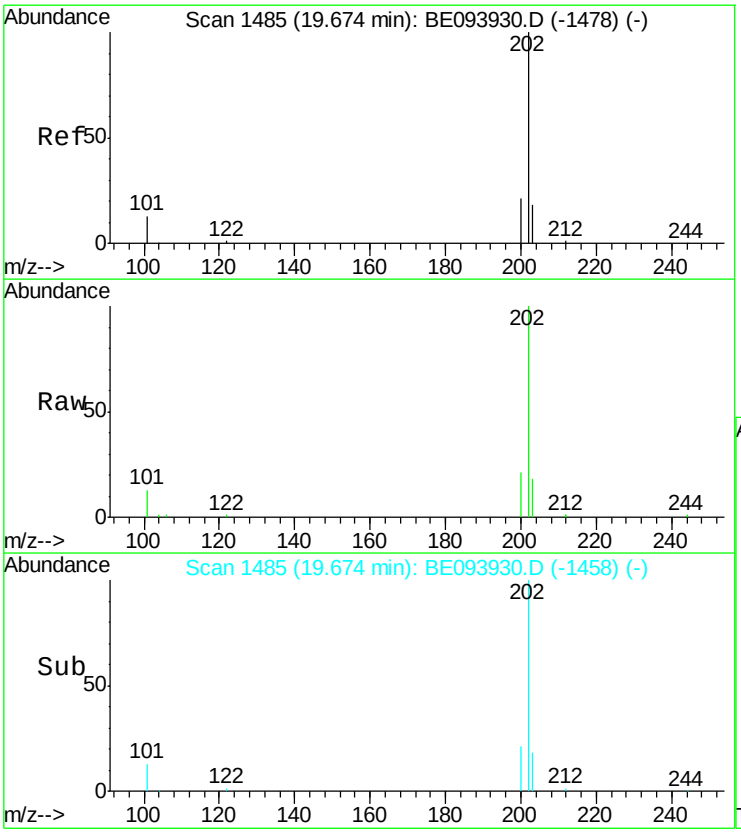
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 13822

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.7	13.1
236	26.8	21.3	31.9

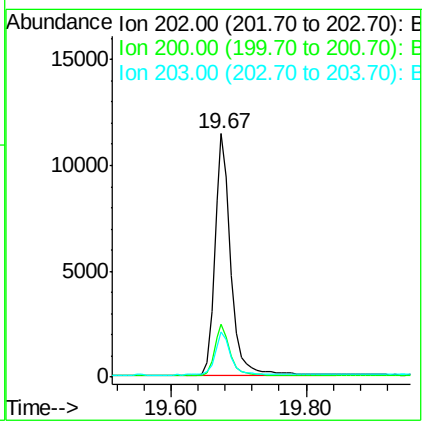


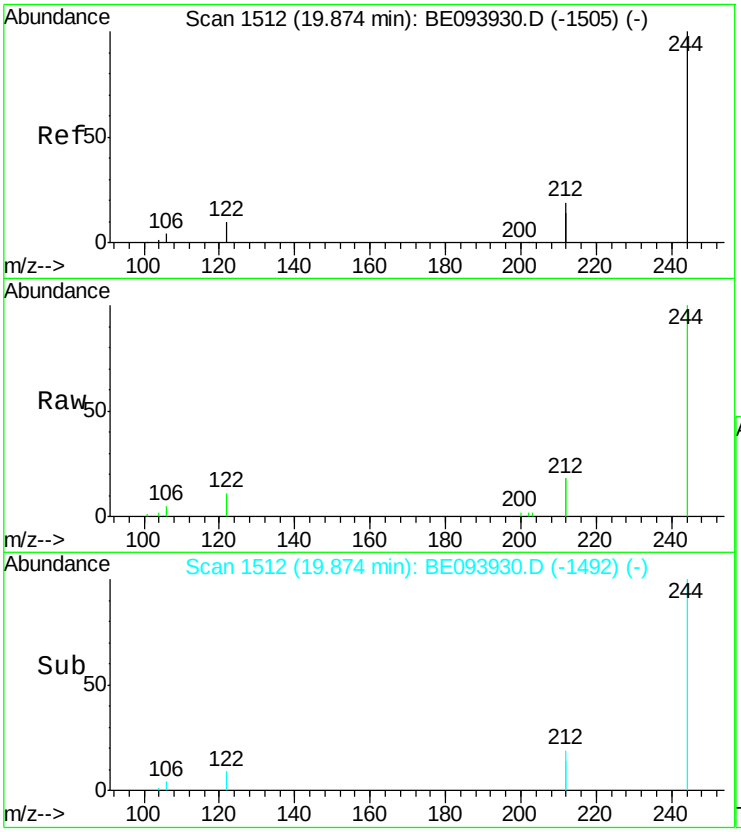


#28
Pyrene
Concen: 0.408 ng
RT: 19.67 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:202 Resp: 18958

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.8	14.2	21.4



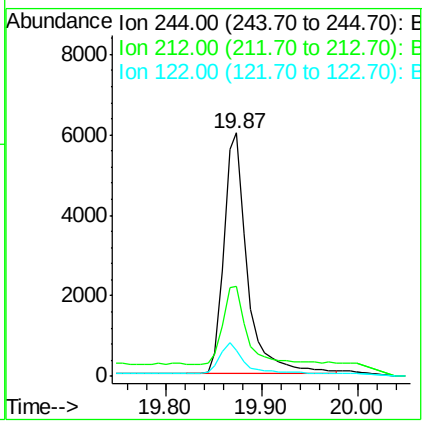


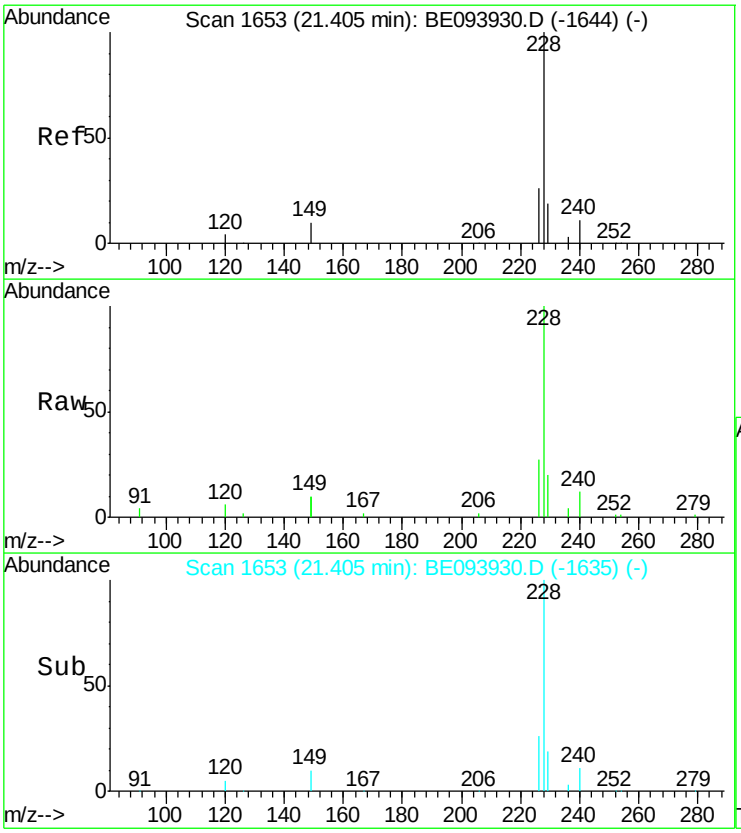
#29
Terphenyl-d14
Concen: 0.407 ng
RT: 19.87 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 10174

Ion	Ratio	Lower	Upper
244	100		
212	37.0	28.3	42.5
122	10.6	9.4	14.0

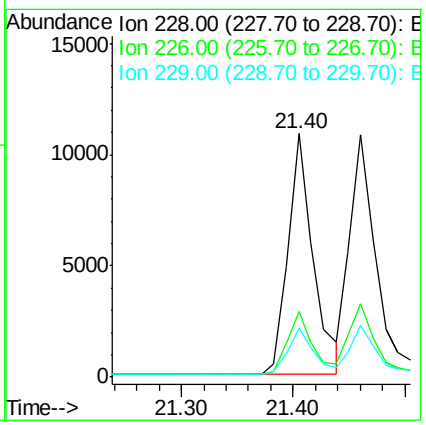


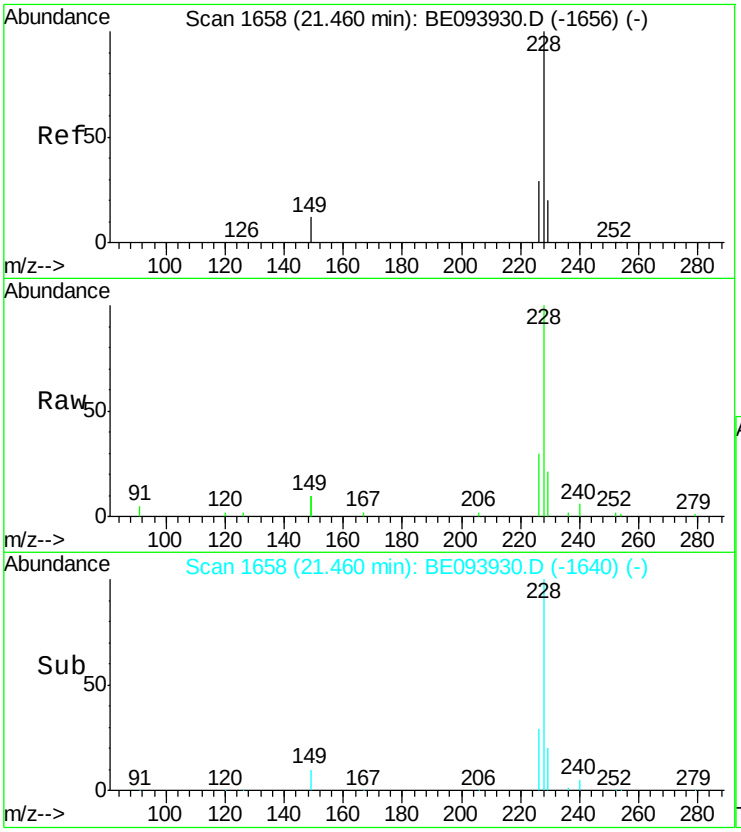


#30
Benzo(a)anthracene
Concen: 0.417 ng
RT: 21.40 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:228 Resp: 17119

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.8	31.2
229	20.1	16.6	25.0



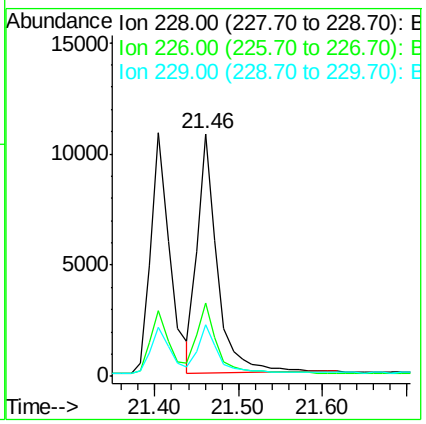


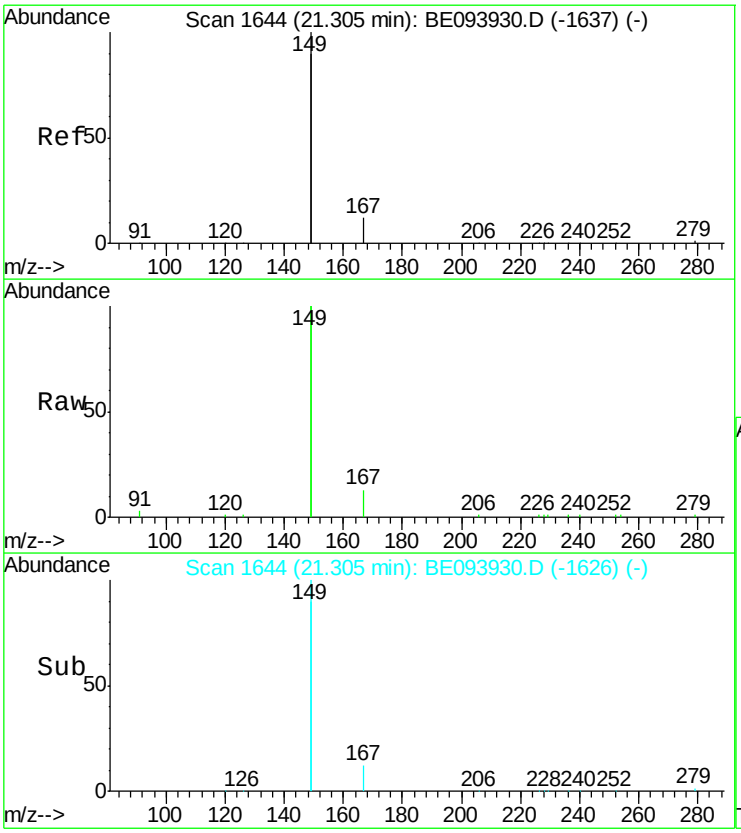
#31
Chrysene
Concen: 0.391 ng
RT: 21.46 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 17830

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	21.1	15.8	23.8

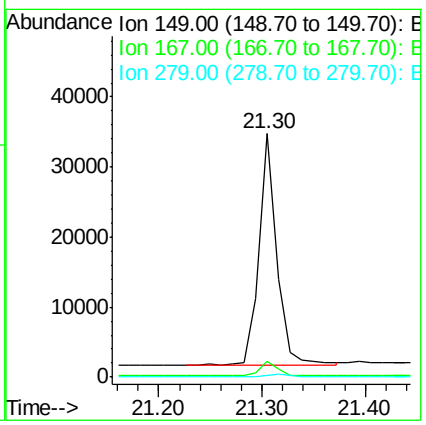


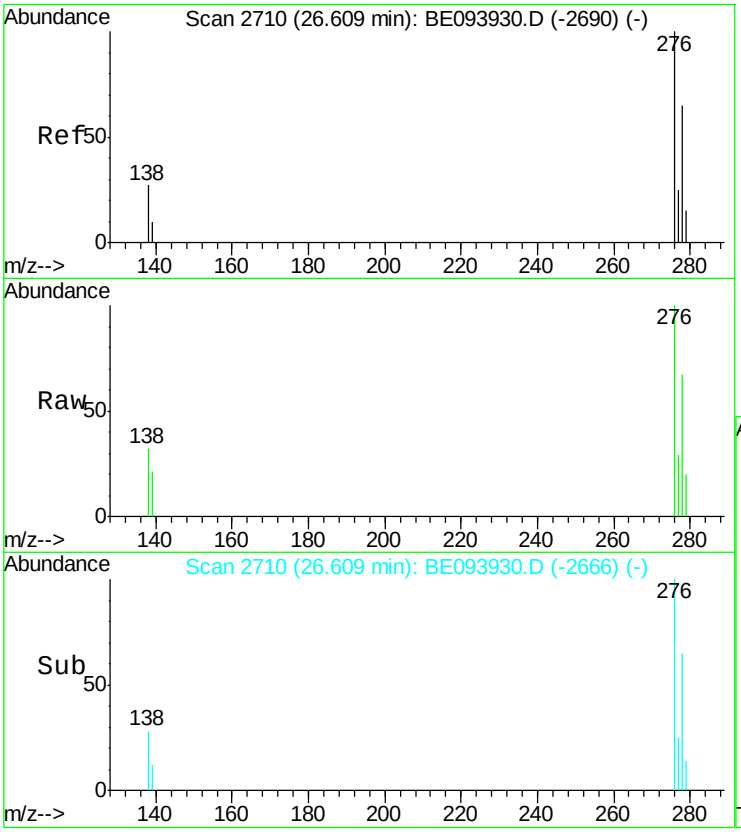


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.456 ng
RT: 21.30 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:149 Resp: 39429

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



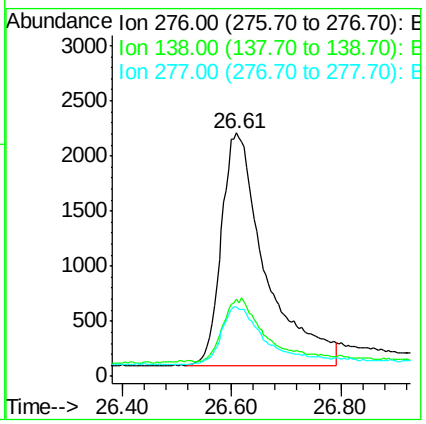


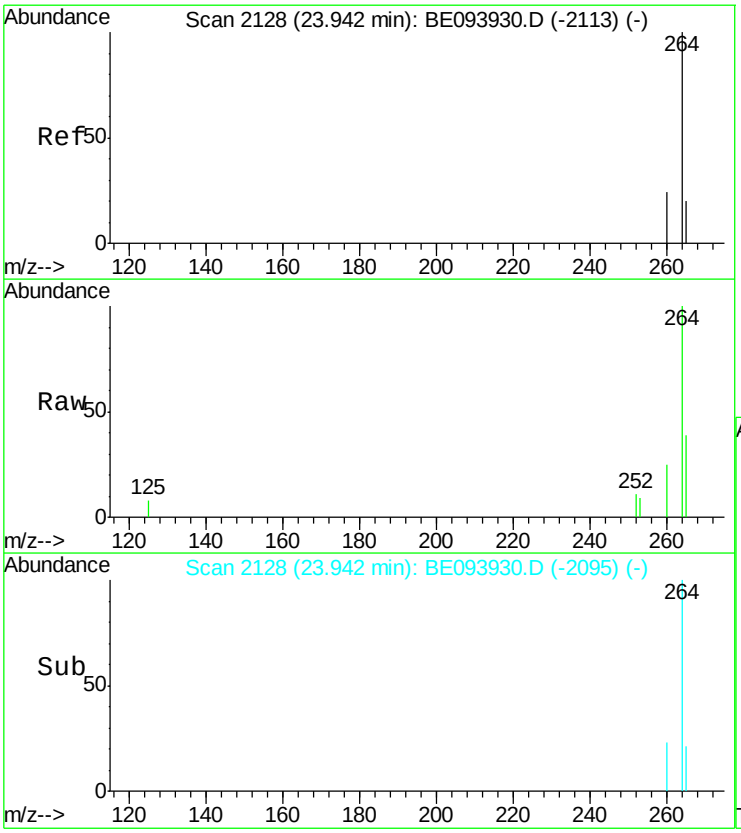
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 26.61 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 11819

Ion	Ratio	Lower	Upper
276	100		
138	26.5	22.2	33.2
277	23.7	19.5	29.3

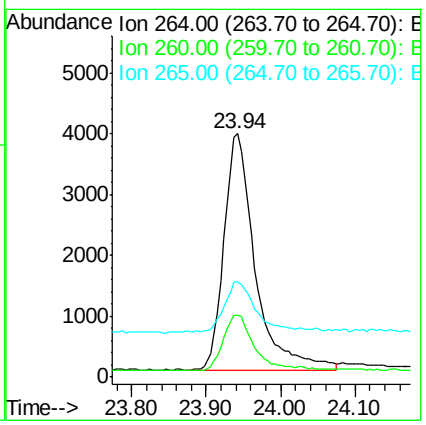


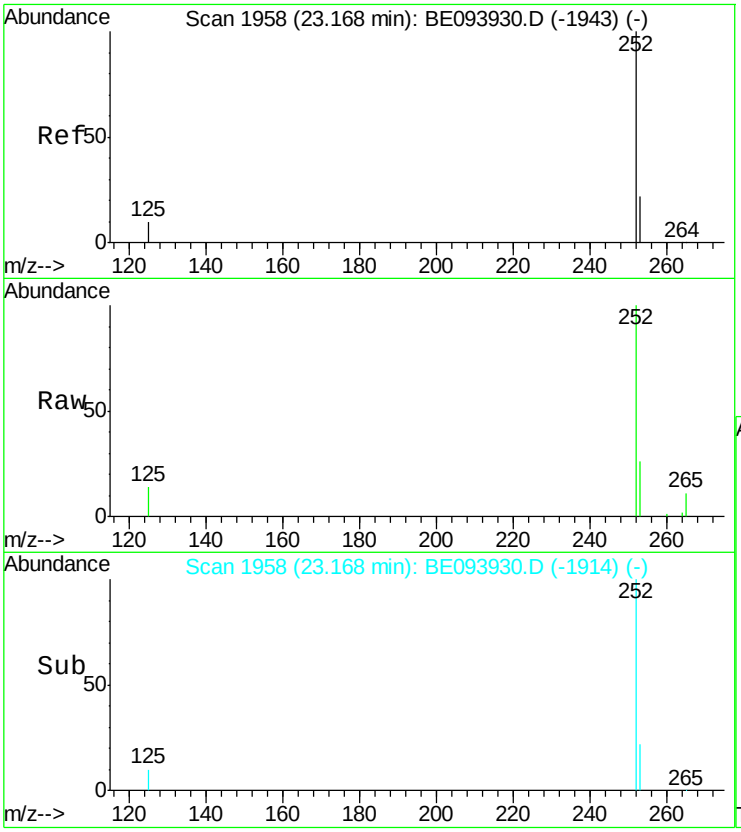


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:264 Resp: 11333

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	38.8	24.0	36.0#



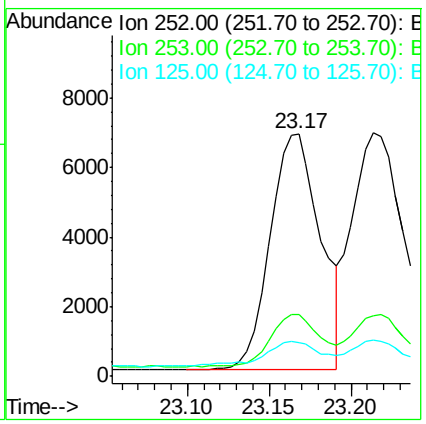


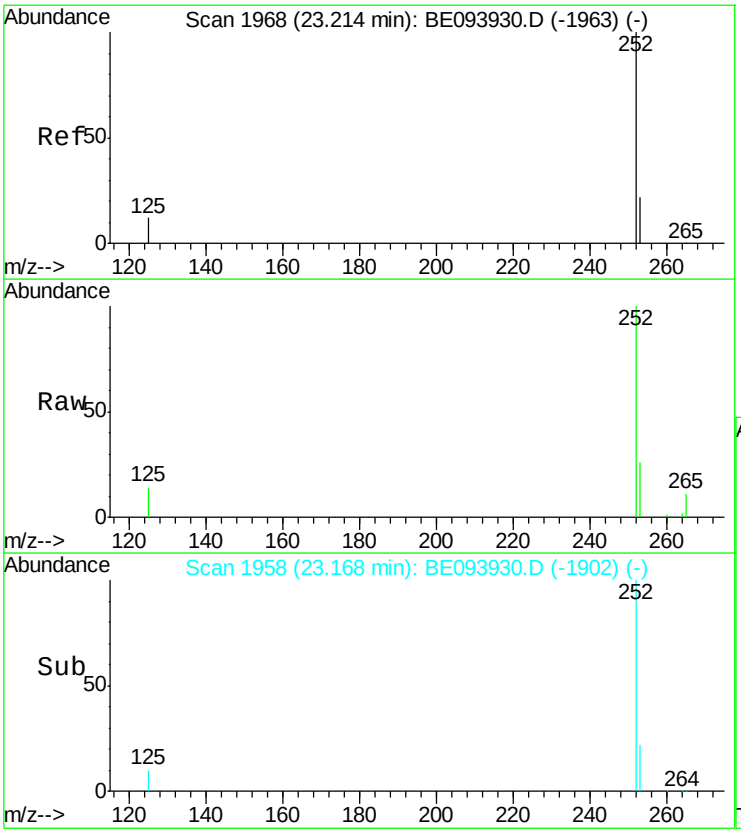
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.17 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 14487

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.4	29.0
125	14.1	10.0	15.0

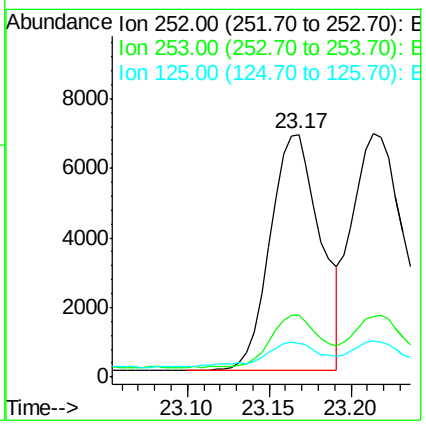


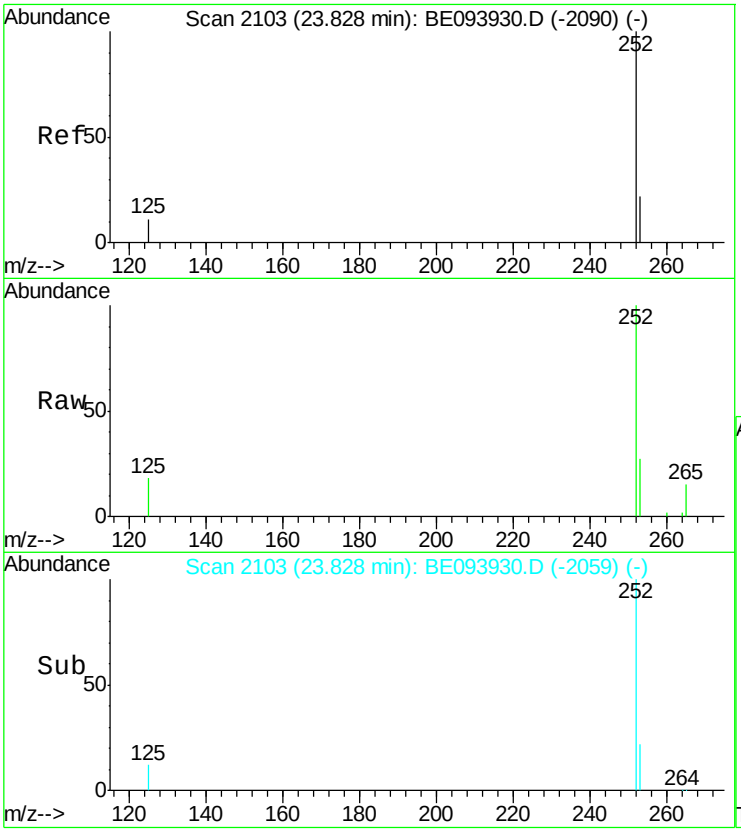


#36
Benzo(k)fluoranthene
Concen: 0.350 ng
RT: 23.17 min Scan# 1958
Delta R.T. -0.05 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:252 Resp: 14487

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.1	27.1
125	14.1	9.8	14.6



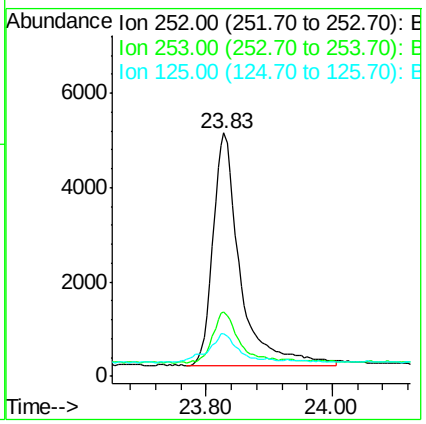


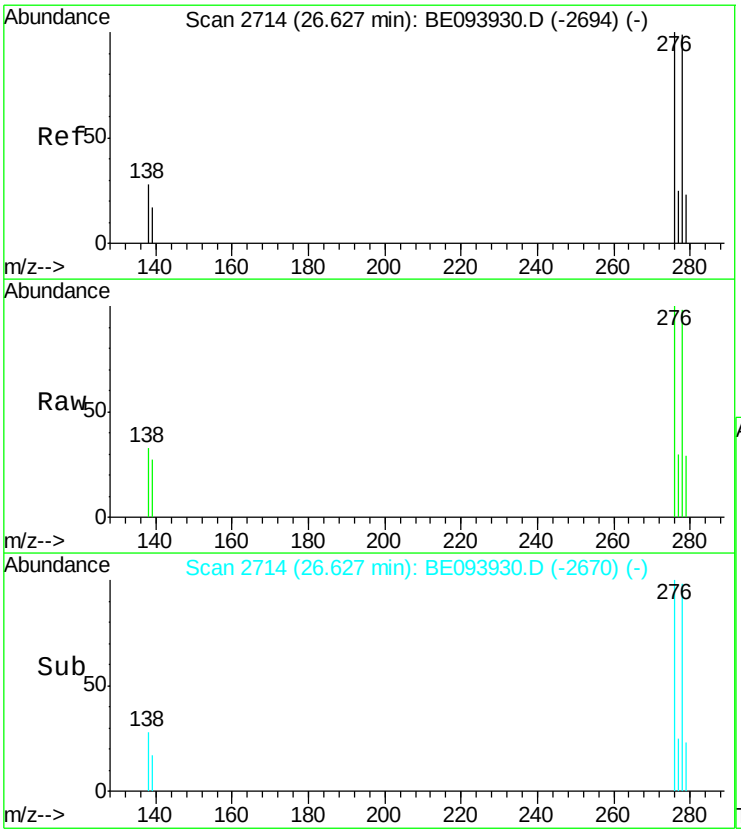
#37
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.83 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 14646

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.6	29.4
125	17.5	11.8	17.8

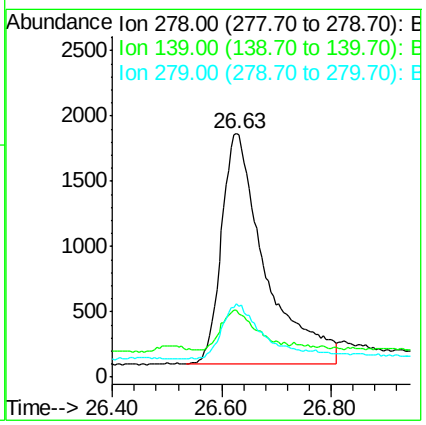


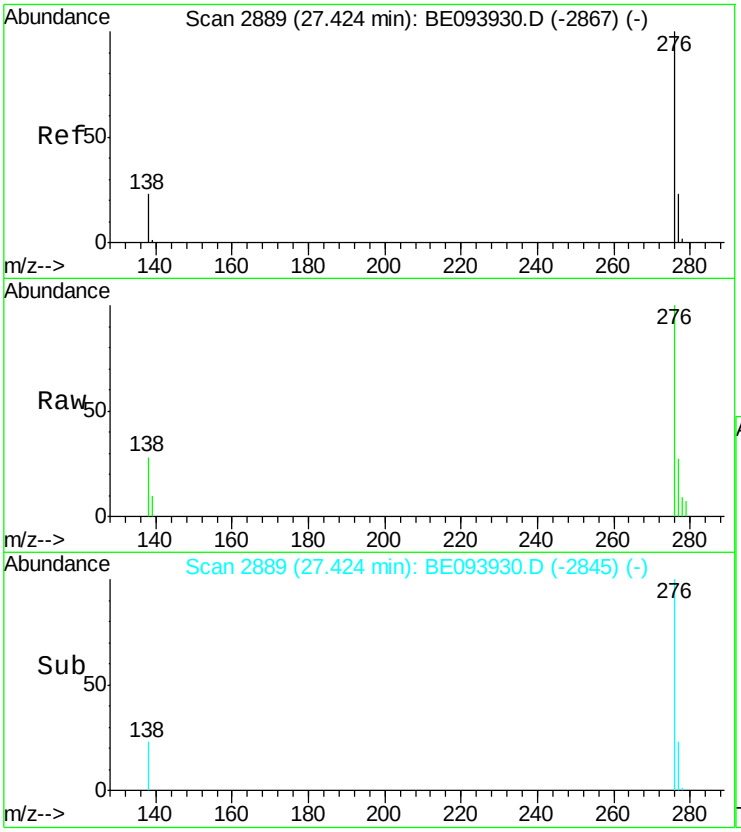


#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 26.63 min Scan# 2714
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:278 Resp: 9791

Ion	Ratio	Lower	Upper
278	100		
139	27.3	16.7	25.1#
279	29.9	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 27.42 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 10254

Ion	Ratio	Lower	Upper
276	100		
277	27.0	20.6	30.8
138	28.1	21.9	32.9