Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093383.D
Acq On : 30 Jun 2017 19:04
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Jun 30 19:43:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 19:04:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3132	0.40	ng		-0.01
7) Naphthalene-d8	10.74	136	16319	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	10608	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	39249	0.40	ng		0.00
27) Chrysene-d12	21.44	240	40866	0.40	ng		0.00
34) Perylene-d12	23.95	264	34619	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	31472	3.23	ng		0.00
5) Phenol-d6	7.10	99	48367	3.34	ng		0.00
8) Nitrobenzene-d5	9.09	82	35165	3.71	ng		0.00
11) 2-Methylnaphthalene-d10	12.32	152	87191	3.37	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	18564	4.31	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	133833	3.23	ng		0.00
25) Fluoranthene-d10	19.30	212	1250844	3.51	ng		0.00
29) Terphenyl-d14	19.89	244	251876	3.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	19222	2.931	ng		91
3) n-Nitrosodimethylamine	3.75	42	15265	4.402	ng		90
6) bis(2-Chloroethyl)ether	7.36	93	35814	3.551	ng	#	98
9) Naphthalene	10.79	128	548297	3.242	ng	#	73
10) Hexachlorobutadiene	11.08	225	22271	3.277	ng		99
12) 2-Methylnaphthalene	12.39	142	97044	3.393	ng		97
16) Acenaphthylene	14.27	152	163677	3.629	ng	#	88
17) Acenaphthene	14.61	154	107975	3.352	ng		98
18) Fluorene	15.59	166	146317	3.293	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	36240	4.282	ng		83
21) Hexachlorobenzene	16.58	284	55671	3.829	ng	#	100
22) Pentachlorophenol	16.94	266	8361	5.325	ng	#	85
23) Phenanthrene	17.30	178	337287	3.631	ng		96
24) Anthracene	17.40	178	318335	3.359	ng		97
26) Fluoranthene	19.33	202	358019	3.541	ng		99
28) Pyrene	19.68	202	365756	3.433	ng	#	99
30) Benzo(a)anthracene	21.42	228	376560	3.427	ng		94
31) Chrysene	21.47	228	379152	3.278	ng		94
32) Bis(2-ethylhexyl)phthalate	21.35	149	651928	4.154	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.60	276	385710	3.438	ng	#	90
35) Benzo(b)fluoranthene	23.17	252	369493	3.443	ng	#	92
36) Benzo(k)fluoranthene	23.22	252	367712	3.407	ng	#	91
37) Benzo(a)pyrene	23.83	252	334159	3.518	ng	#	90
38) Dibenzo(a,h)anthracene	26.63	278	346479	3.595	ng	#	85
39) Benzo(g,h,i)perylene	27.42	276	341061	3.441	ng	#	88

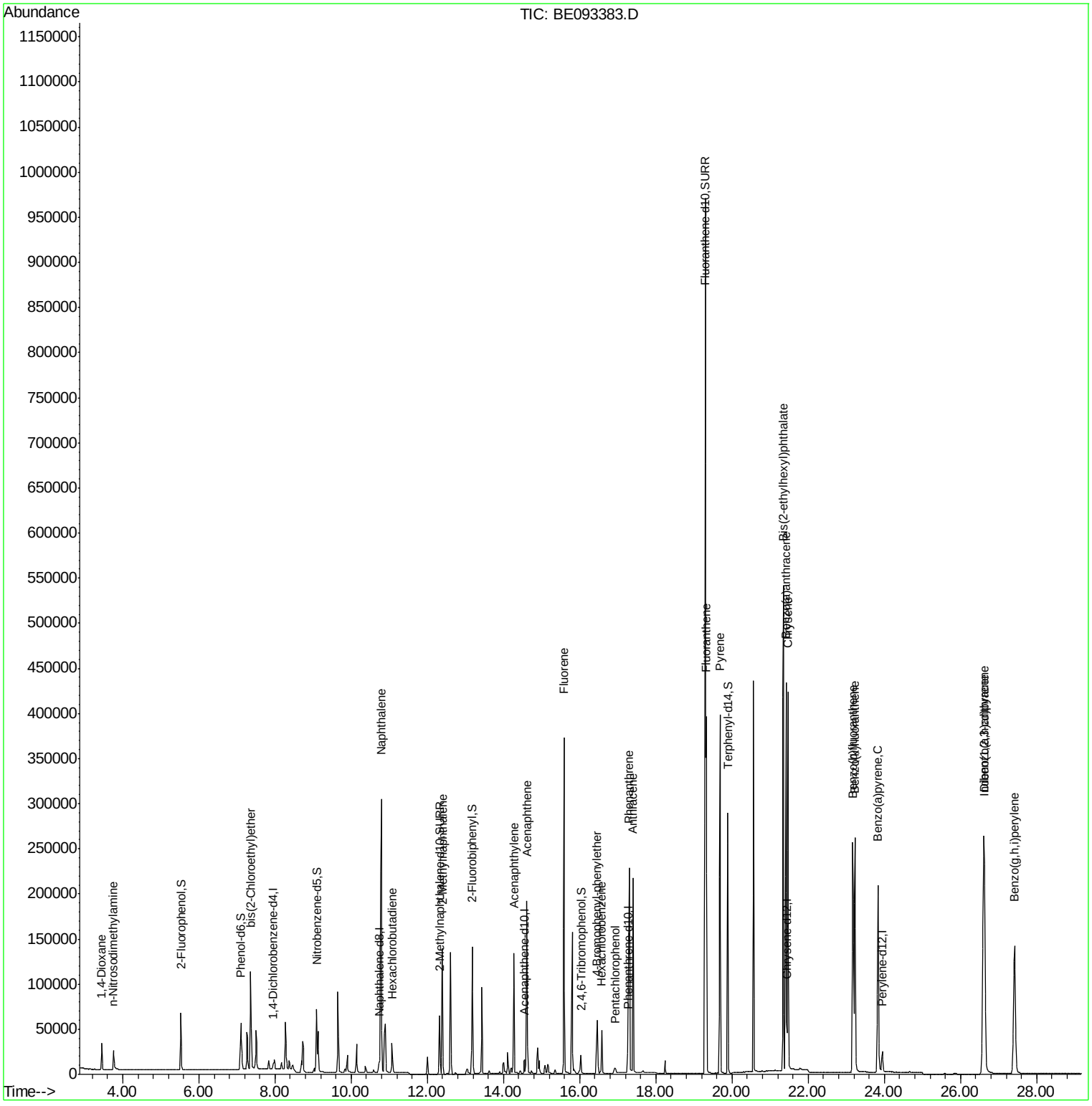
(#) = qualifier out of range (m) = manual integration (+) = signals summed

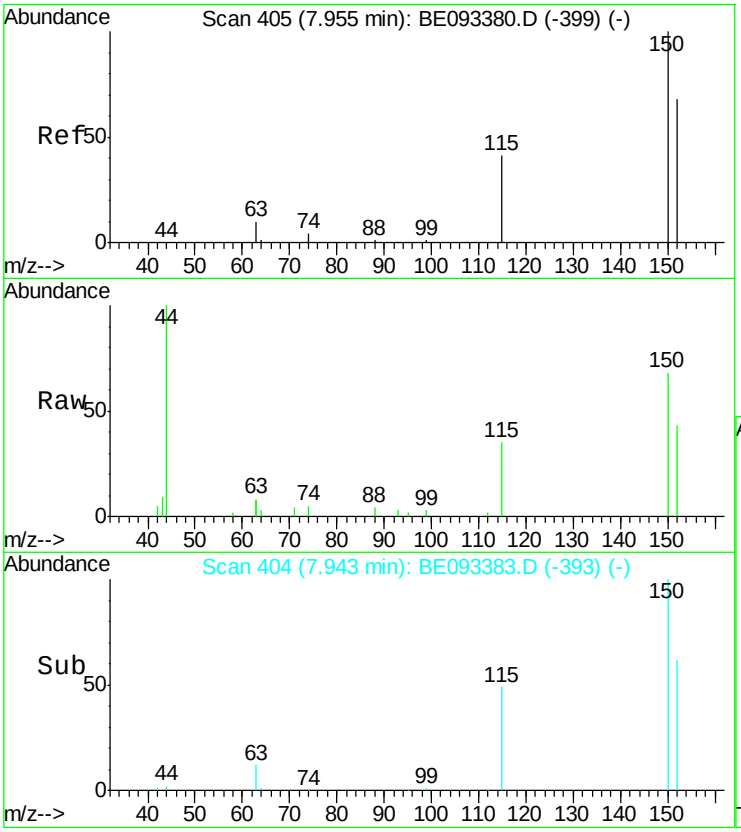
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093383.D
Acq On : 30 Jun 2017 19:04
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 30 19:43:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 19:04:55 2017
Response via : Initial Calibration



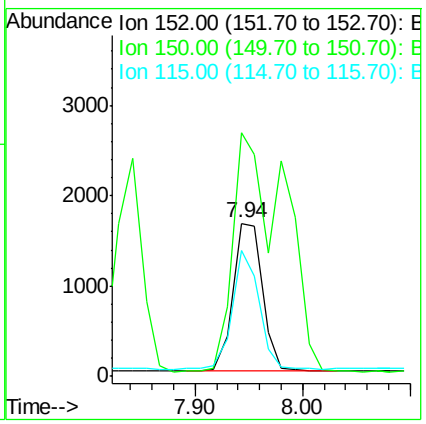


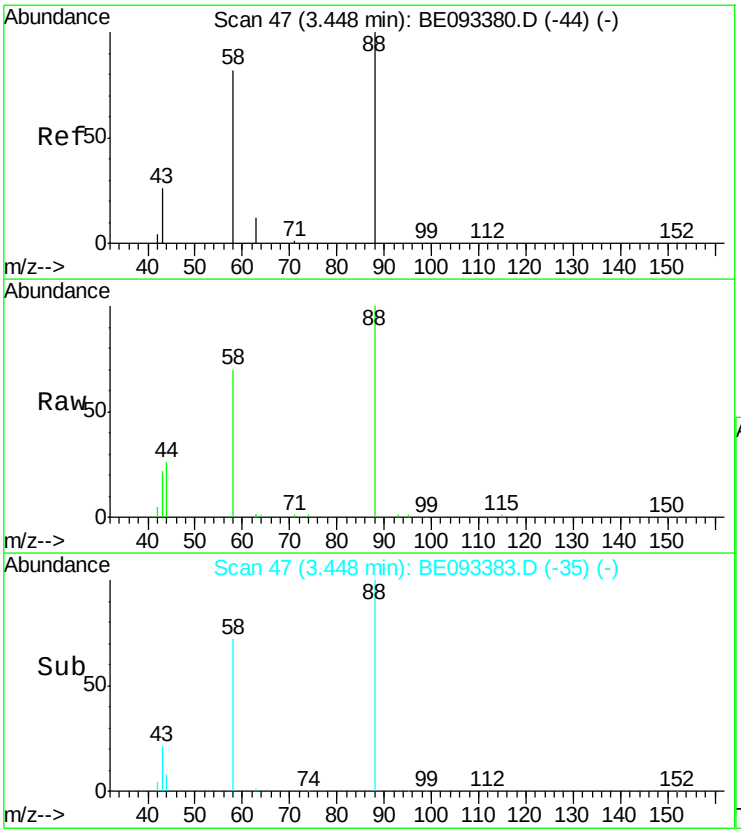
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.01 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 3132

Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.1	187.7
115	82.2	55.7	83.5

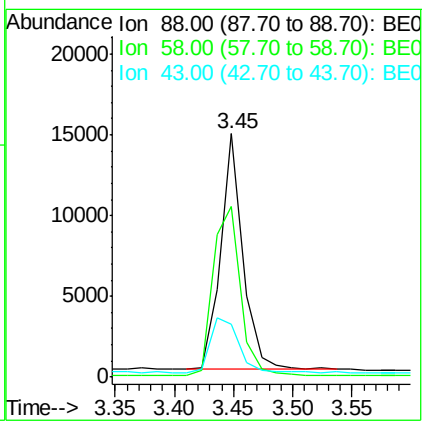


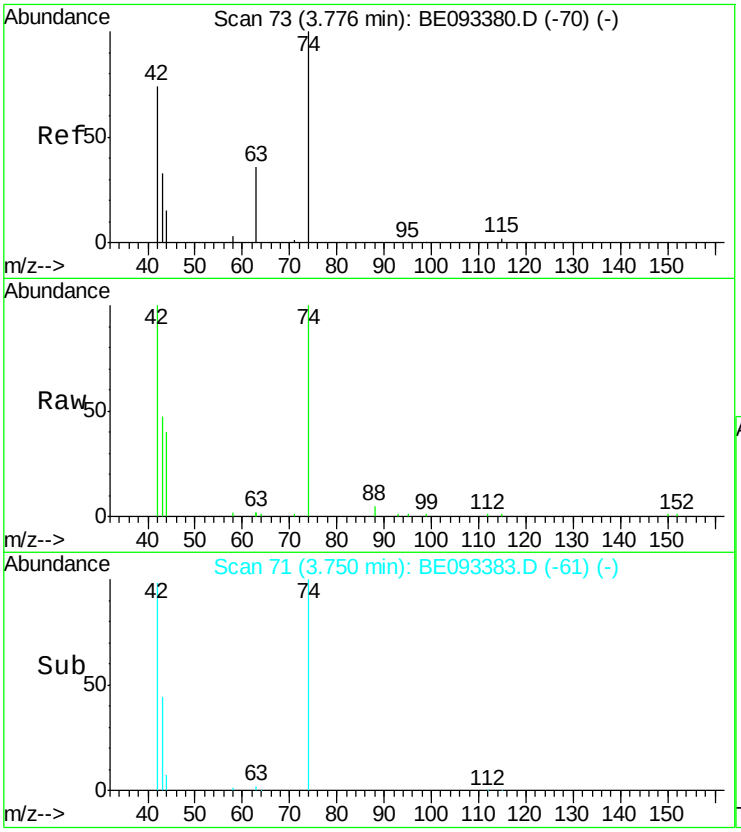


#2
1,4-Dioxane
Concen: 2.931 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion: 88 Resp: 19222

Ion	Ratio	Lower	Upper
88	100		
58	88.4	62.2	93.4
43	29.6	23.2	34.8



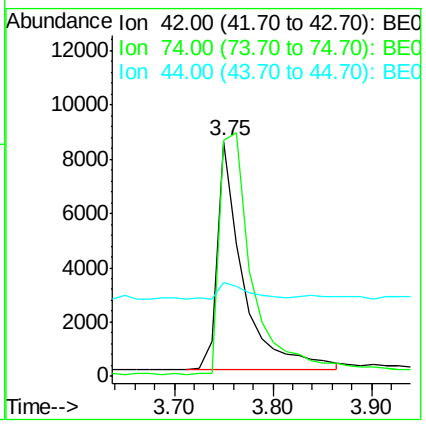


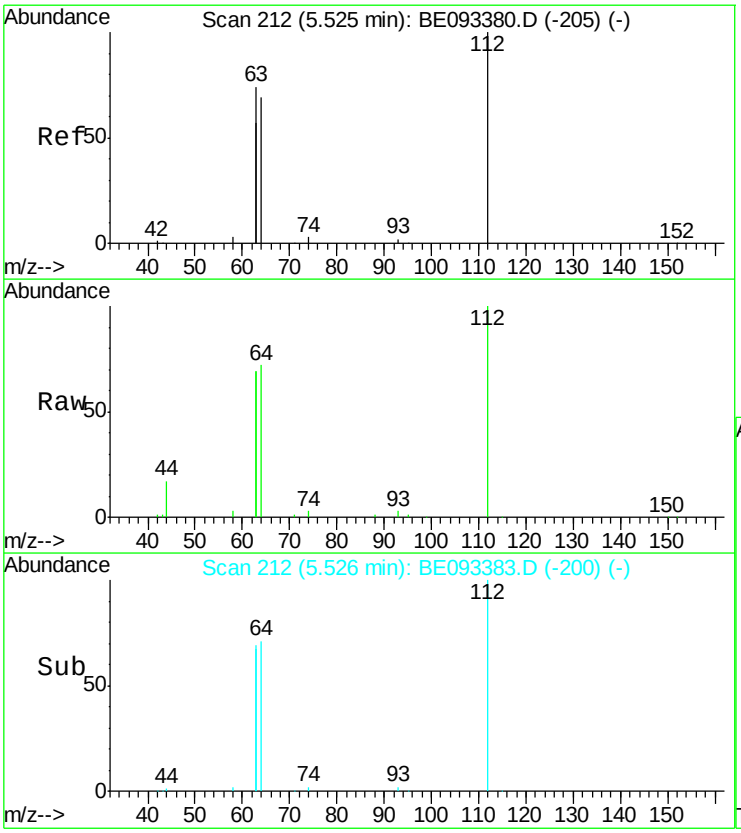
#3
n-Nitrosodimethylamine
Concen: 4.402 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.03 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 15265

Ion	Ratio	Lower	Upper
42	100		
74	135.4	99.1	148.7
44	8.1	7.4	11.2

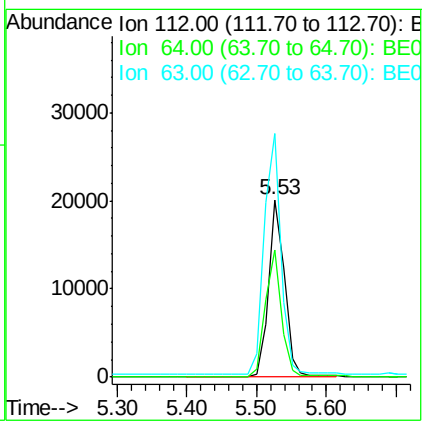


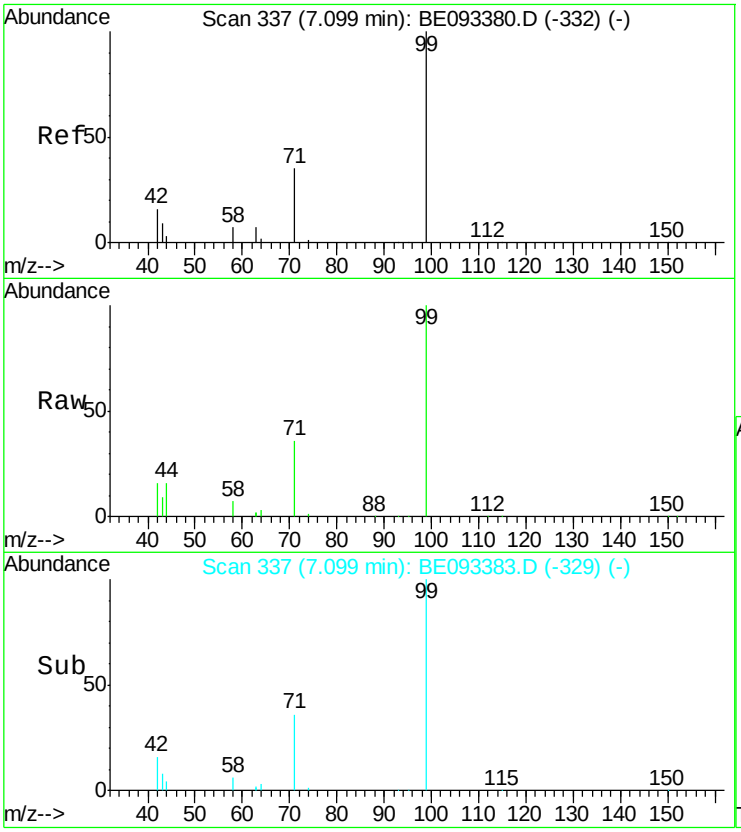


#4
2-Fluorophenol
Concen: 3.228 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:112 Resp: 31472

Ion	Ratio	Lower	Upper
112	100		
64	71.3	56.4	84.6
63	142.6	29.3	43.9#



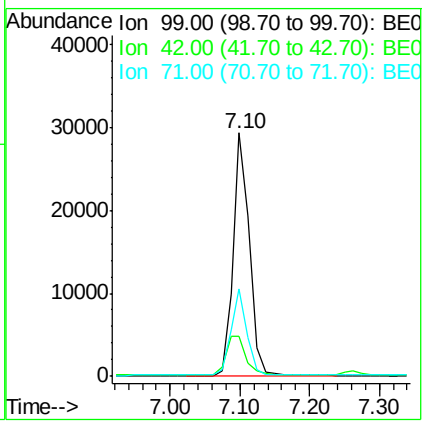


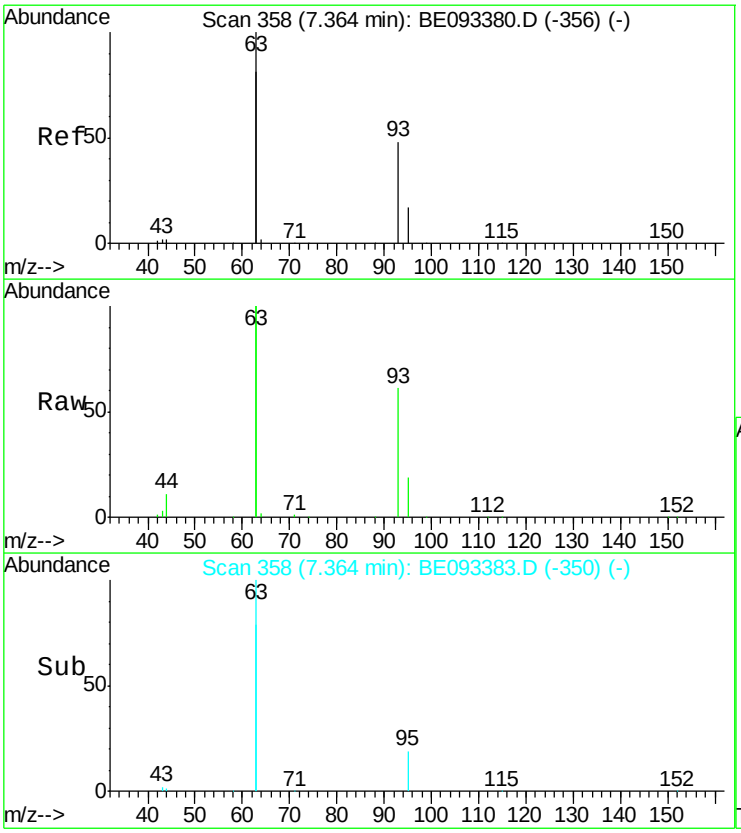
#5
Phenol-d6
Concen: 3.345 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 48367

Ion	Ratio	Lower	Upper
99	100		
42	19.5	0.0	0.0#
71	34.9	0.0	0.0#

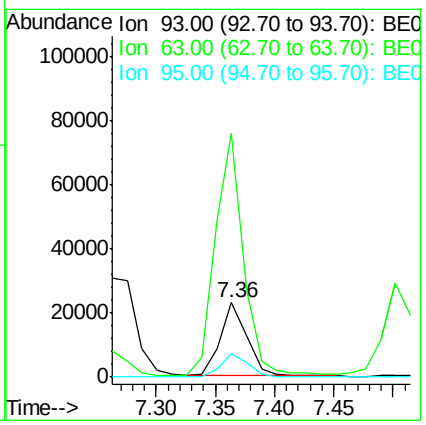


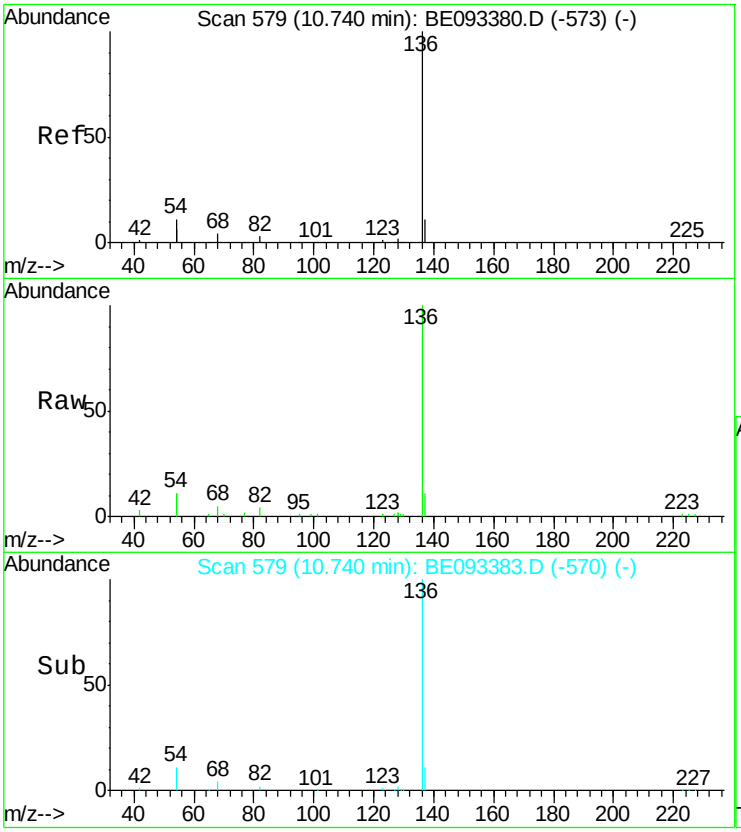


#6
bis(2-Chloroethyl)ether
Concen: 3.551 ng
RT: 7.36 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion: 93 Resp: 35814

Ion	Ratio	Lower	Upper
93	100		
63	350.0	0.0	0.0#
95	32.6	25.4	38.0



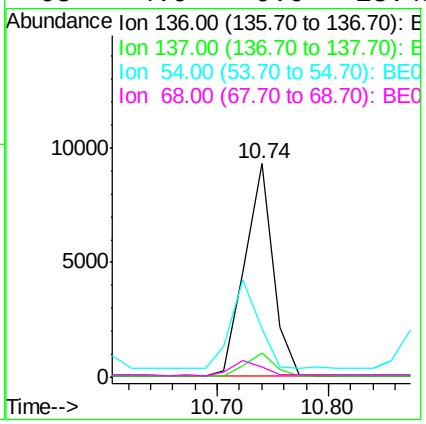


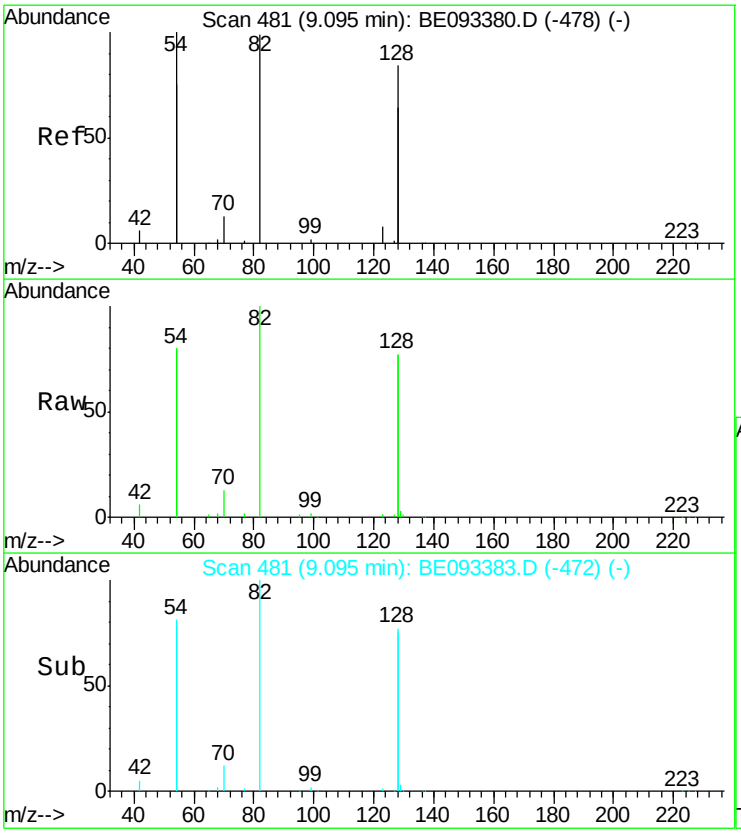
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 16319

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.8
54	22.7	10.3	15.5#
68	4.9	9.0	13.4#

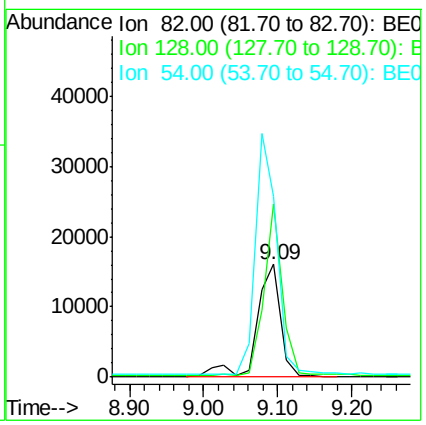


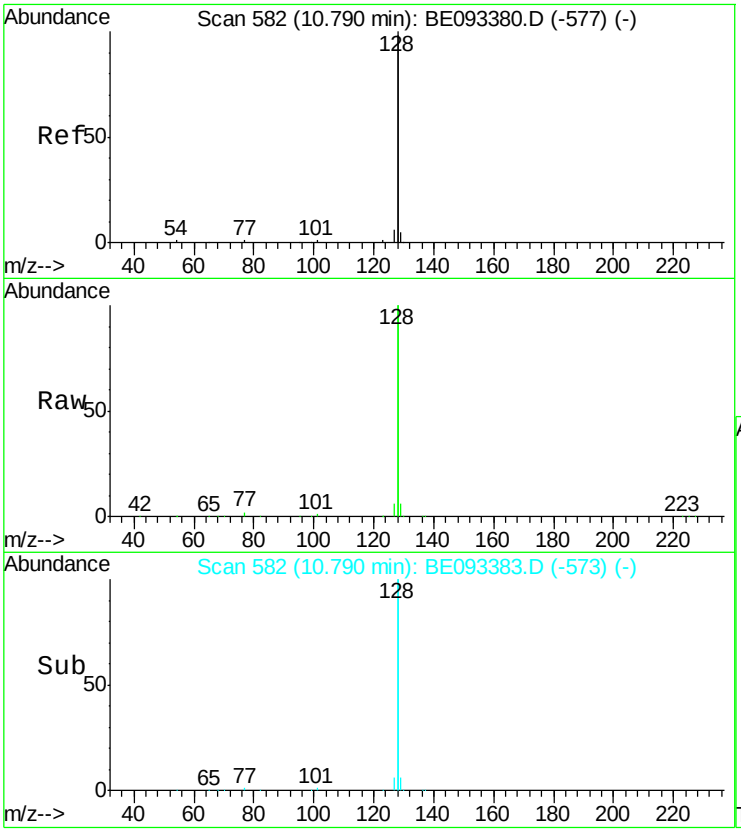


#8
Nitrobenzene-d5
Concen: 3.713 ng
RT: 9.09 min Scan# 481
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion: 82 Resp: 35165

Ion	Ratio	Lower	Upper
82	100		
128	153.8	17.0	25.4#
54	160.8	53.8	80.6#



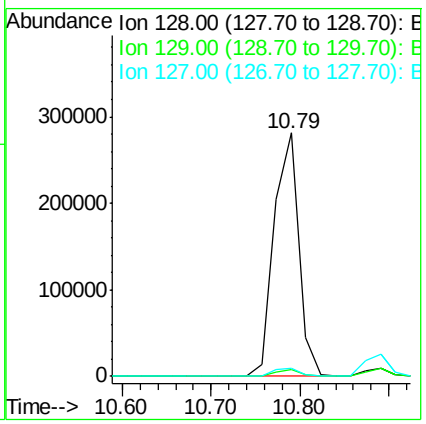


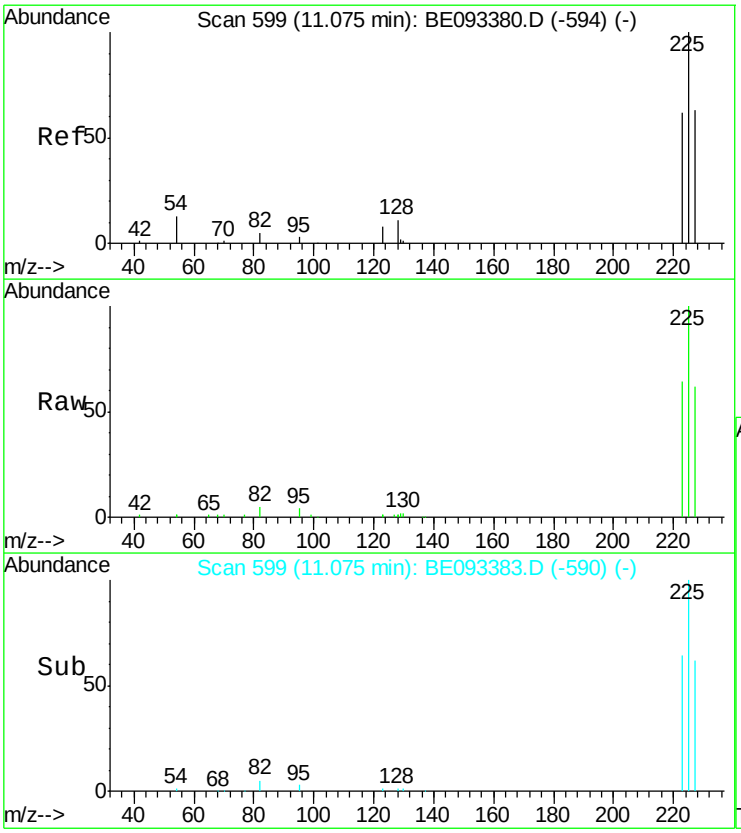
#9
Naphthalene
Concen: 3.242 ng
RT: 10.79 min Scan# 582
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 548297

Ion	Ratio	Lower	Upper
128	100		
129	2.9	11.4	17.0#
127	3.1	11.2	16.8#

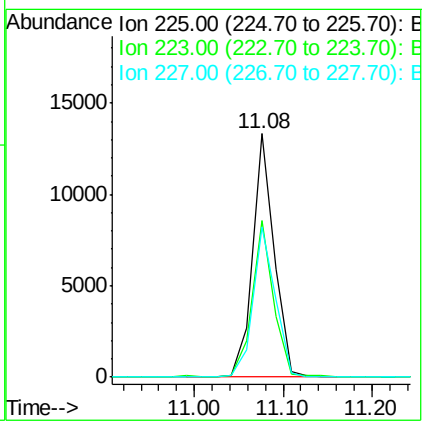


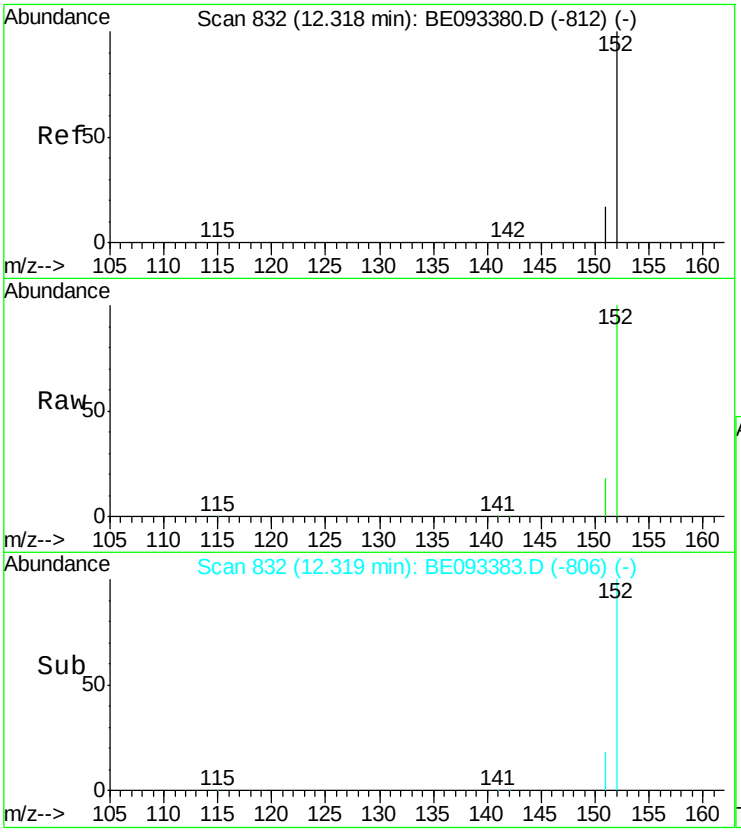


#10
Hexachlorobutadiene
Concen: 3.277 ng
RT: 11.08 min Scan# 599
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:225 Resp: 22271

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	63.6	50.3	75.5



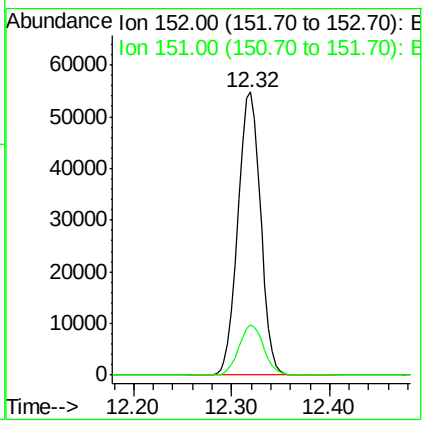


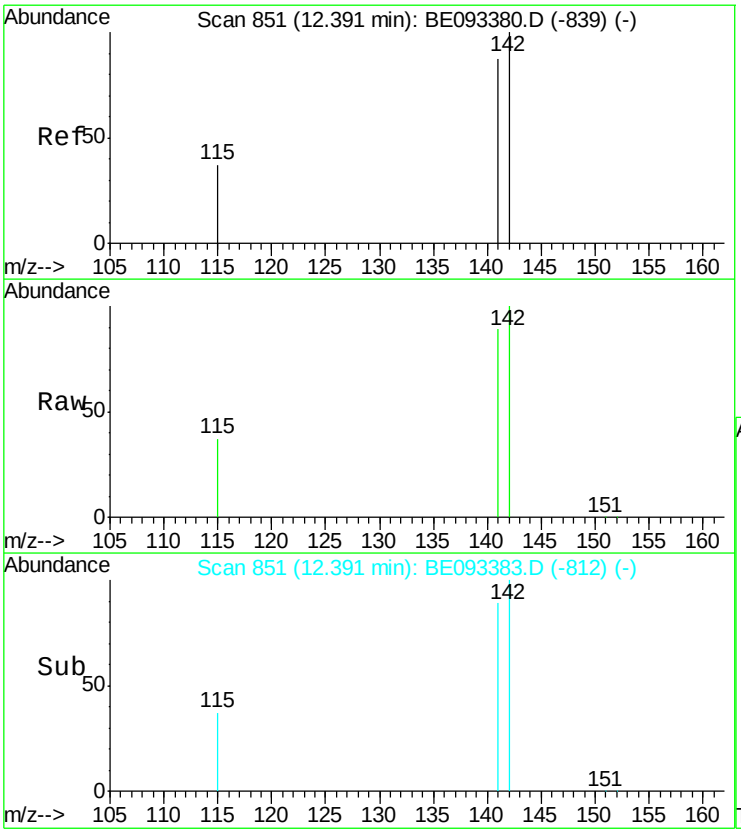
#11
2-Methylnaphthalene-d10
Concen: 3.374 ng
RT: 12.32 min Scan# 832
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 87191

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

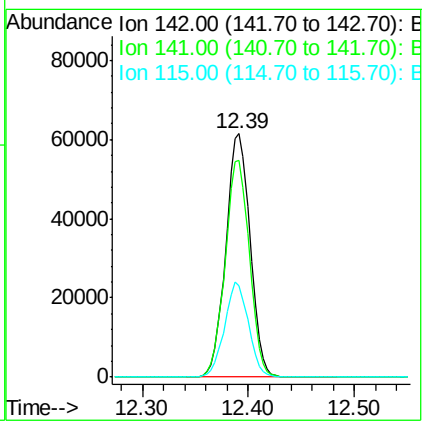


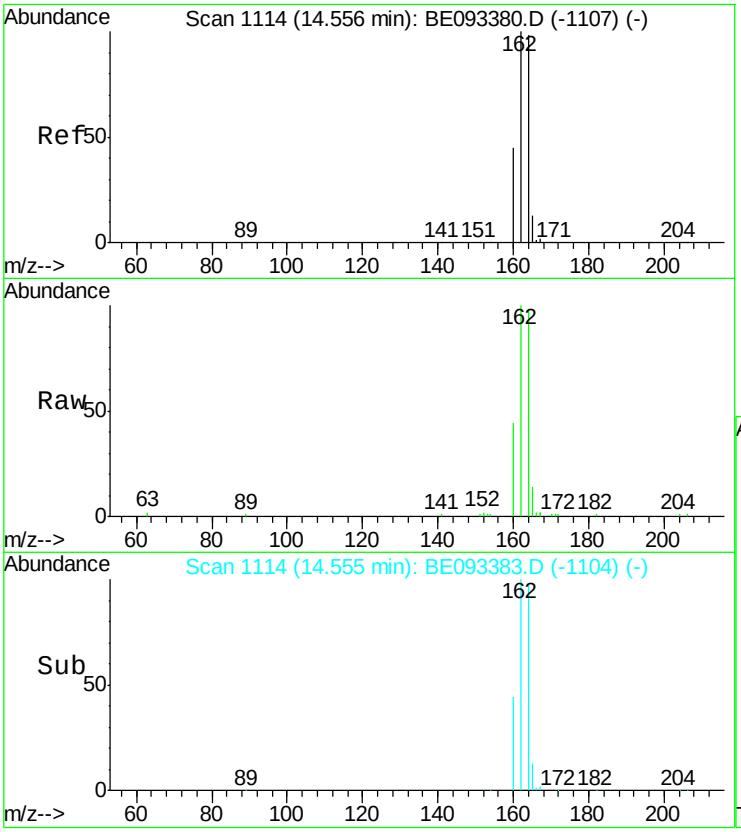


#12
2-Methylnaphthalene
Concen: 3.393 ng
RT: 12.39 min Scan# 851
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:142 Resp: 97044

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8
115	37.4	32.2	48.2



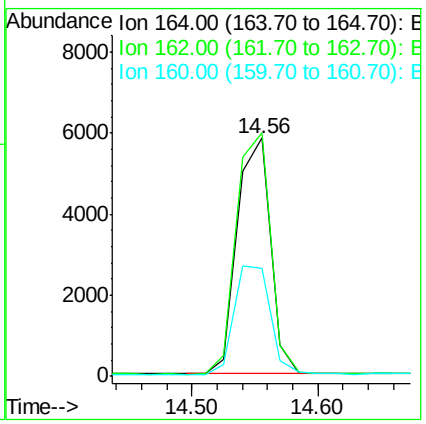


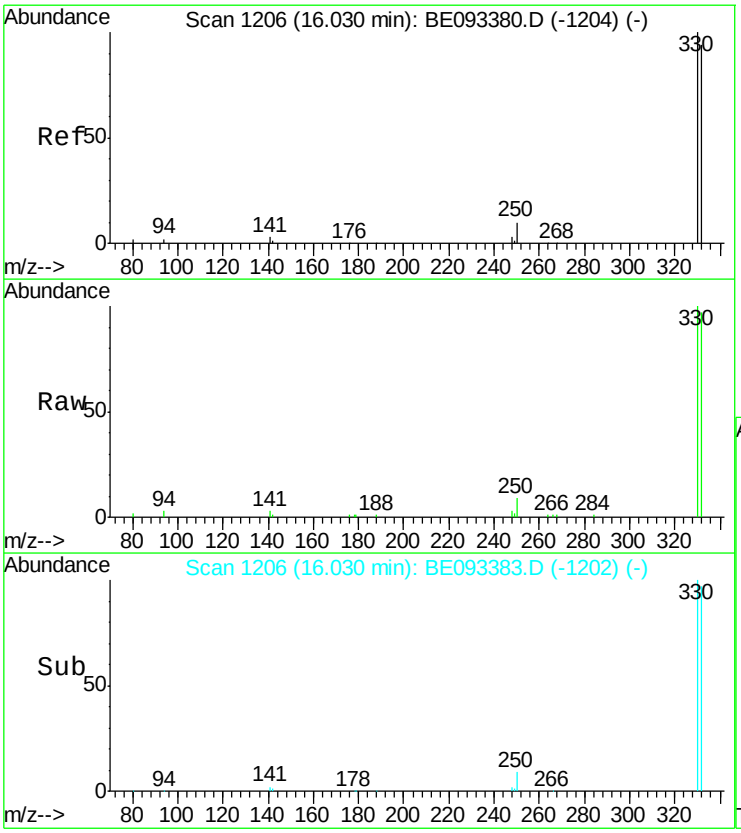
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 10608

Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.6	127.0
160	45.1	41.8	62.6

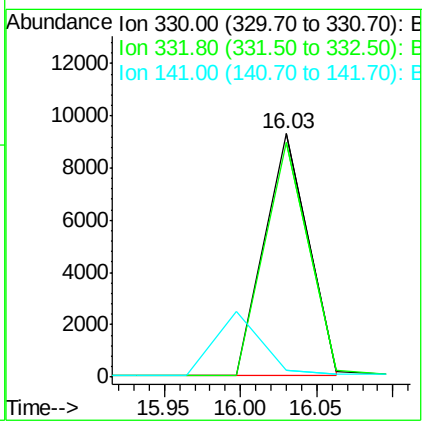


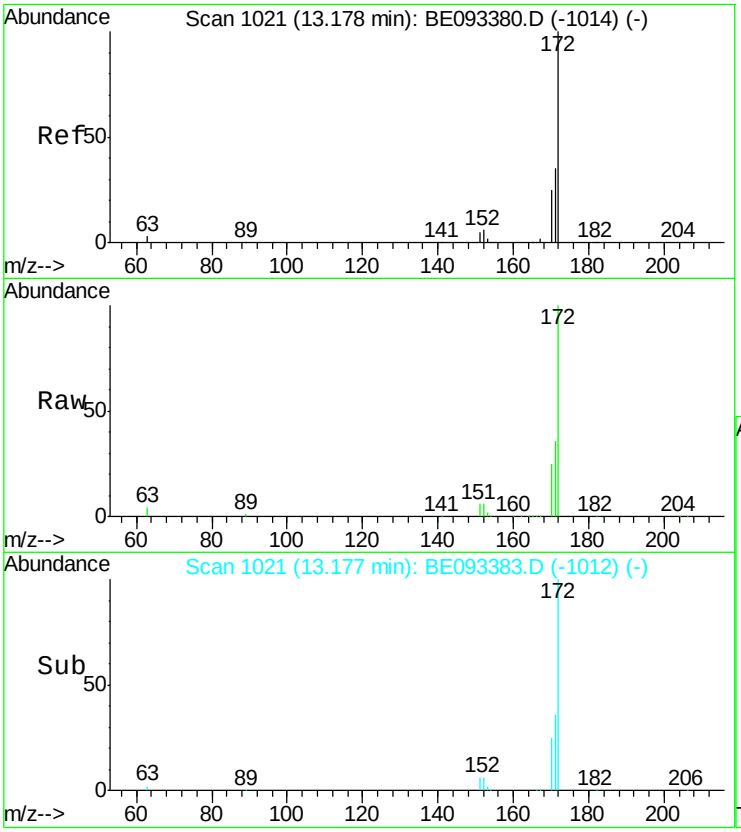


#14
2,4,6-Tribromophenol
Concen: 4.307 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:330 Resp: 18564

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	0.0	56.2	84.4#



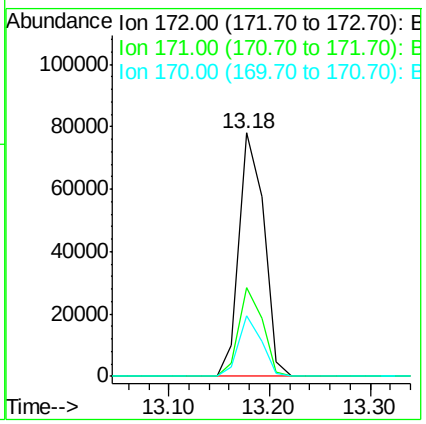


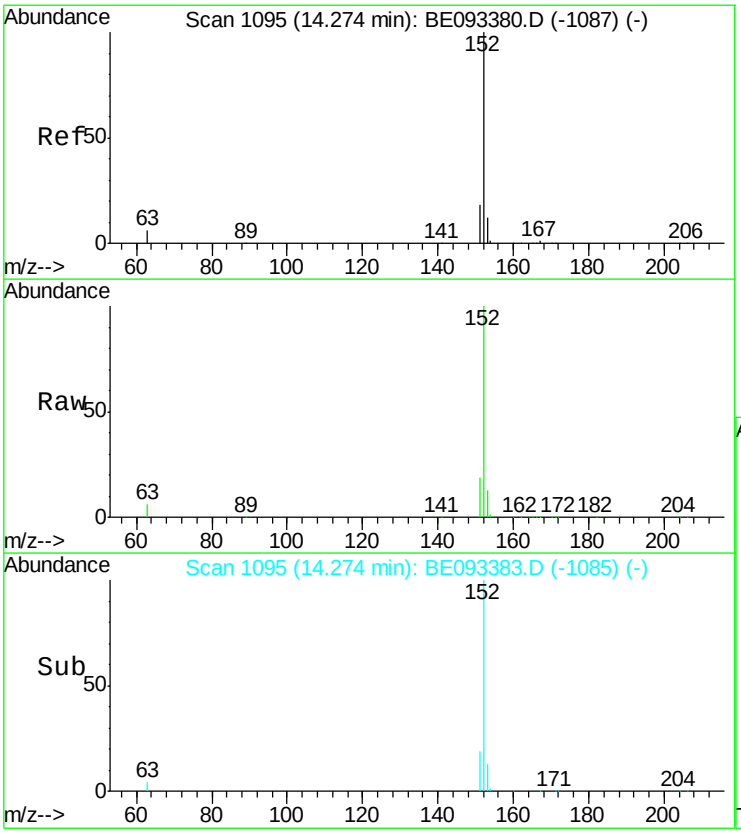
#15
2-Fluorobiphenyl
Concen: 3.228 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 133833

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	24.9	20.7	31.1

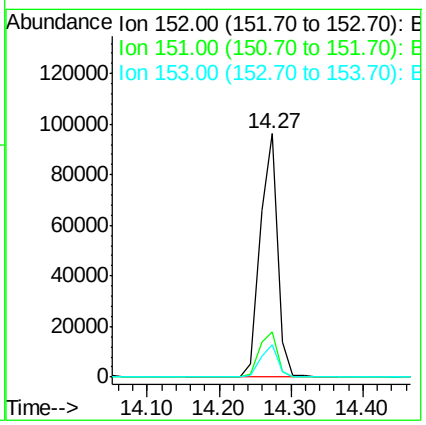


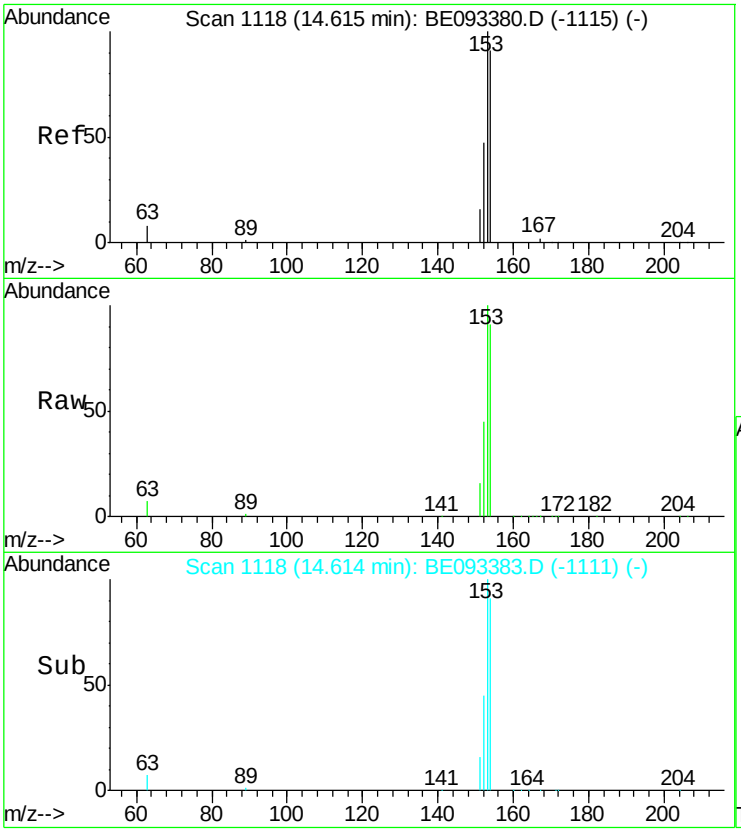


#16
Acenaphthylene
Concen: 3.629 ng
RT: 14.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:152 Resp: 163677

Ion	Ratio	Lower	Upper
152	100		
151	19.4	4.0	6.0#
153	13.0	10.3	15.5



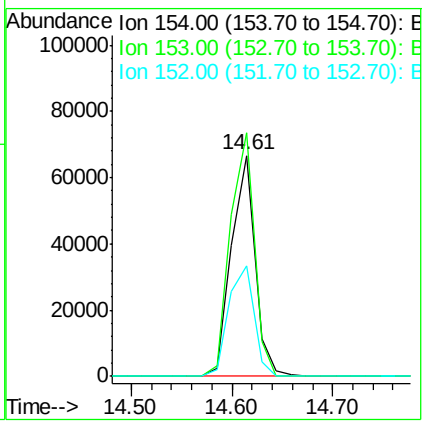


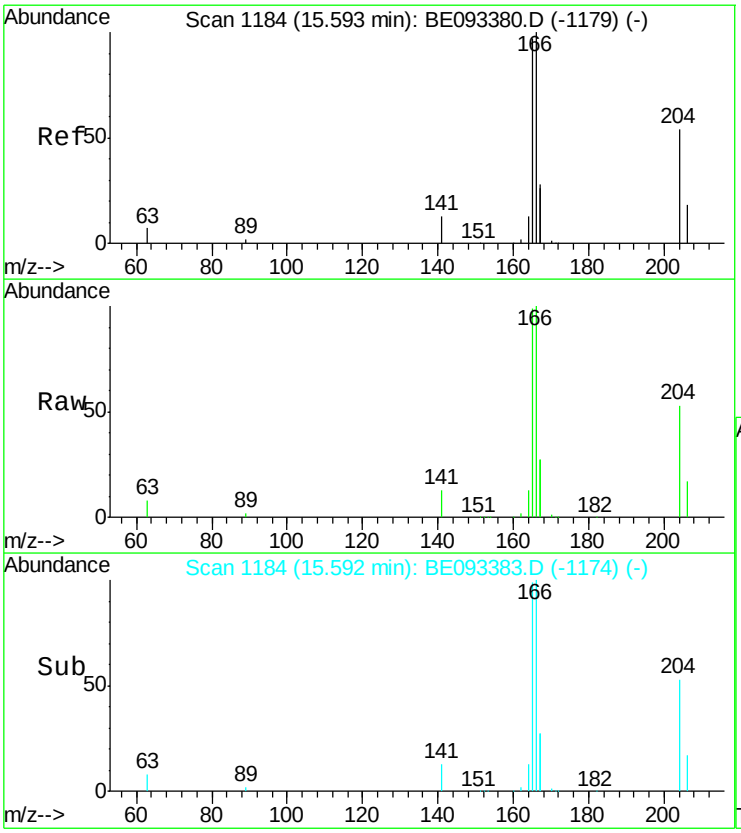
#17
Acenaphthene
Concen: 3.352 ng
RT: 14.61 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 107975

Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.2	136.8
152	53.8	44.8	67.2

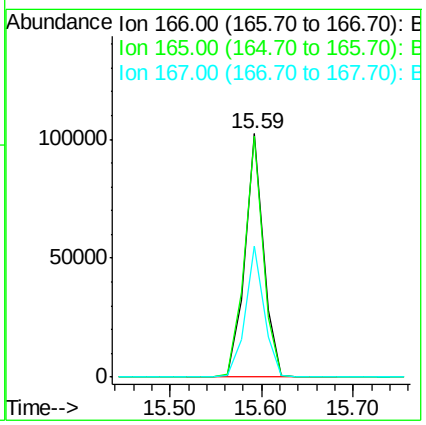


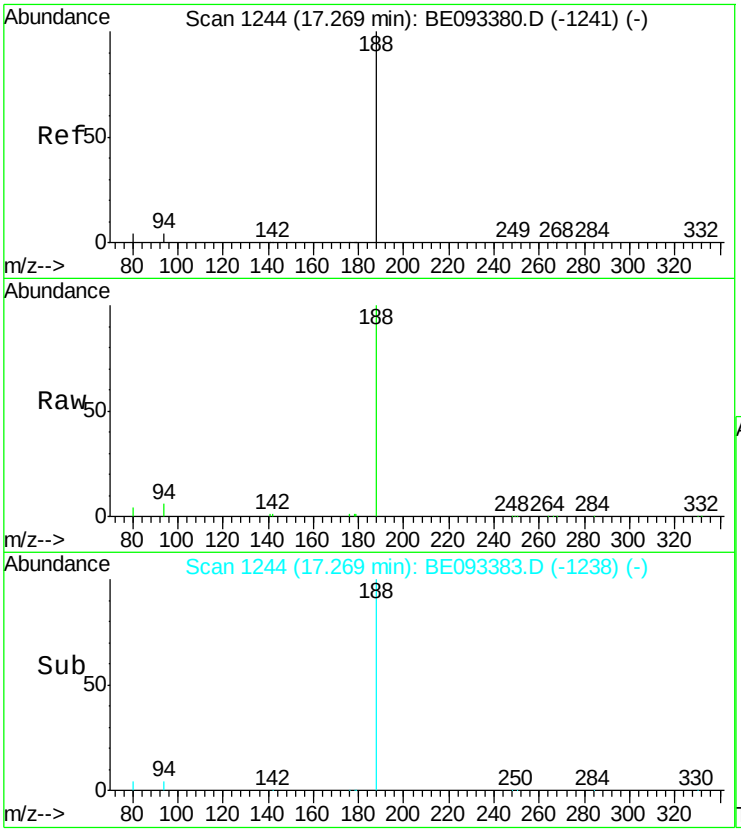


#18
Fluorene
Concen: 3.293 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:166 Resp: 146317

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	117.8
167	53.8	11.1	16.7#



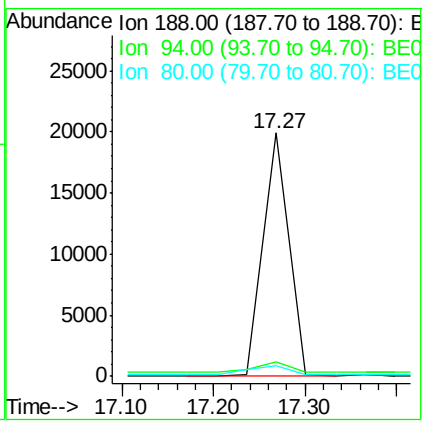


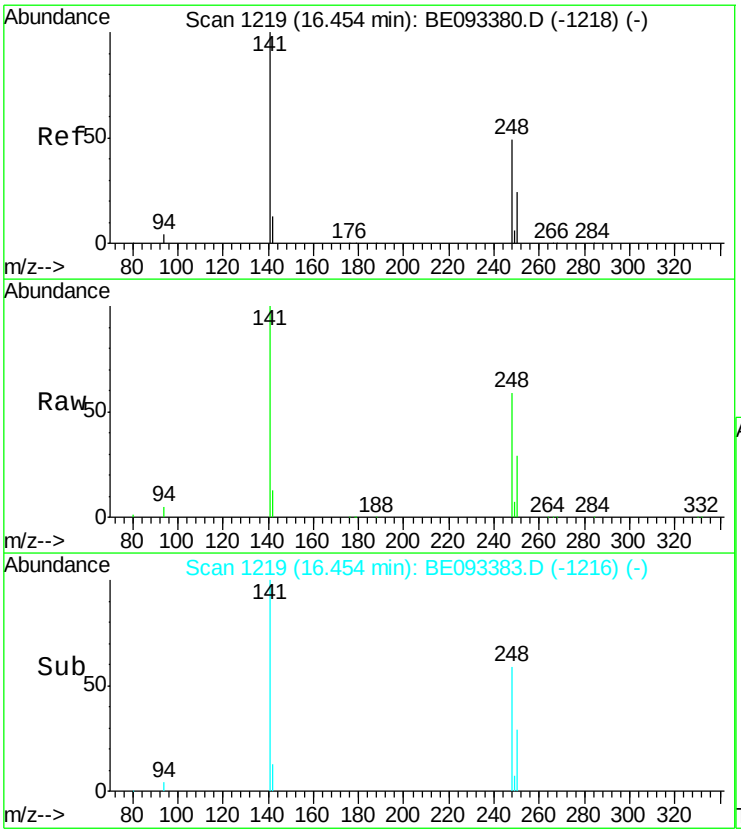
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 39249

Ion	Ratio	Lower	Upper
188	100		
94	6.0	11.3	16.9#
80	4.3	11.7	17.5#

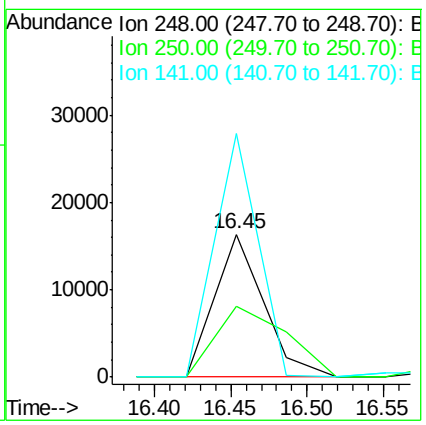


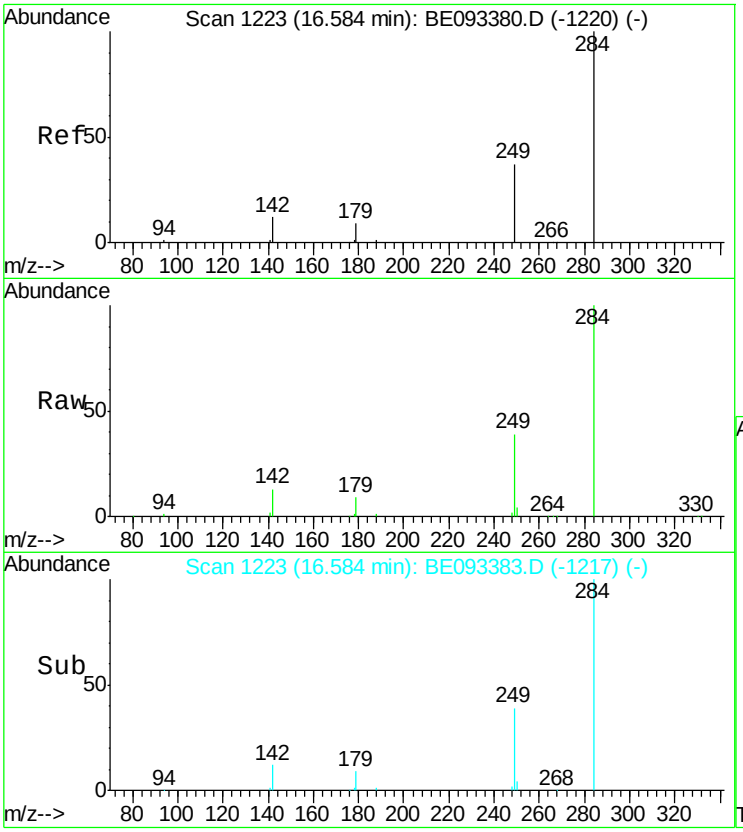


#20
4-Bromophenyl-phenylether
Concen: 4.282 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:248 Resp: 36240

Ion	Ratio	Lower	Upper
248	100		
250	49.7	40.8	61.2
141	170.3	161.6	242.4



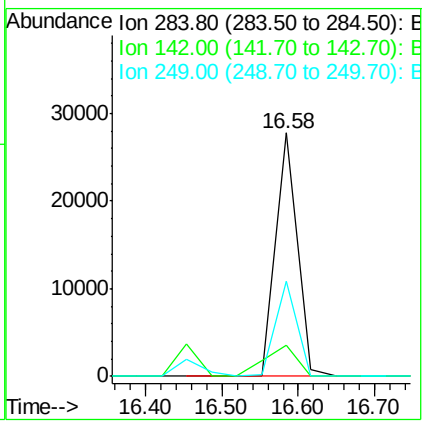


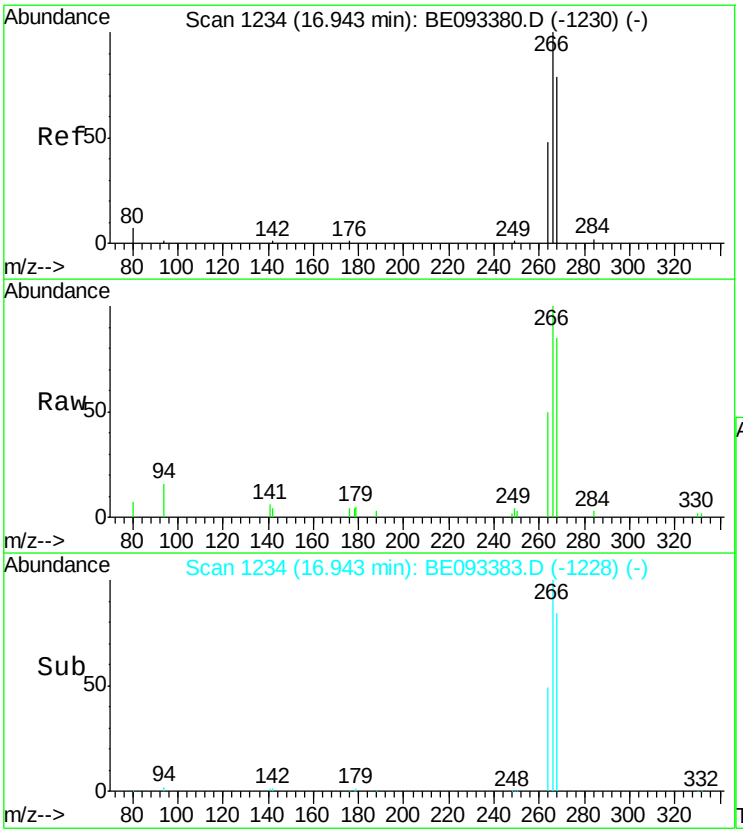
#21
Hexachlorobenzene
Concen: 3.829 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 55671

Ion	Ratio	Lower	Upper
284	100		
142	18.4	0.0	0.0#
249	37.9	0.0	0.0#

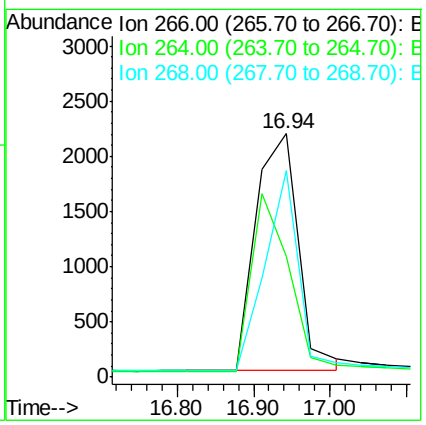


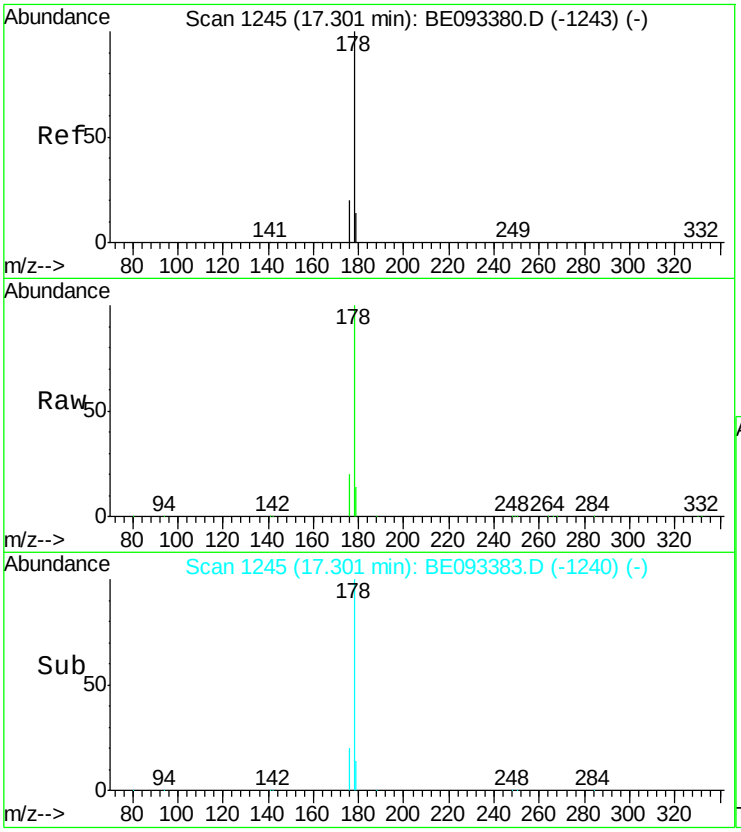


#22
Pentachlorophenol
Concen: 5.325 ng
RT: 16.94 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:266 Resp: 8361

Ion	Ratio	Lower	Upper
266	100		
264	49.7	58.2	87.2#
268	84.9	71.9	107.9



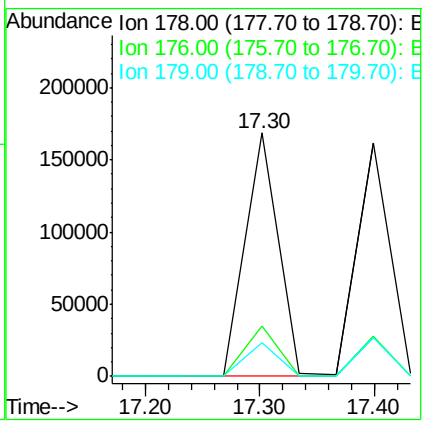


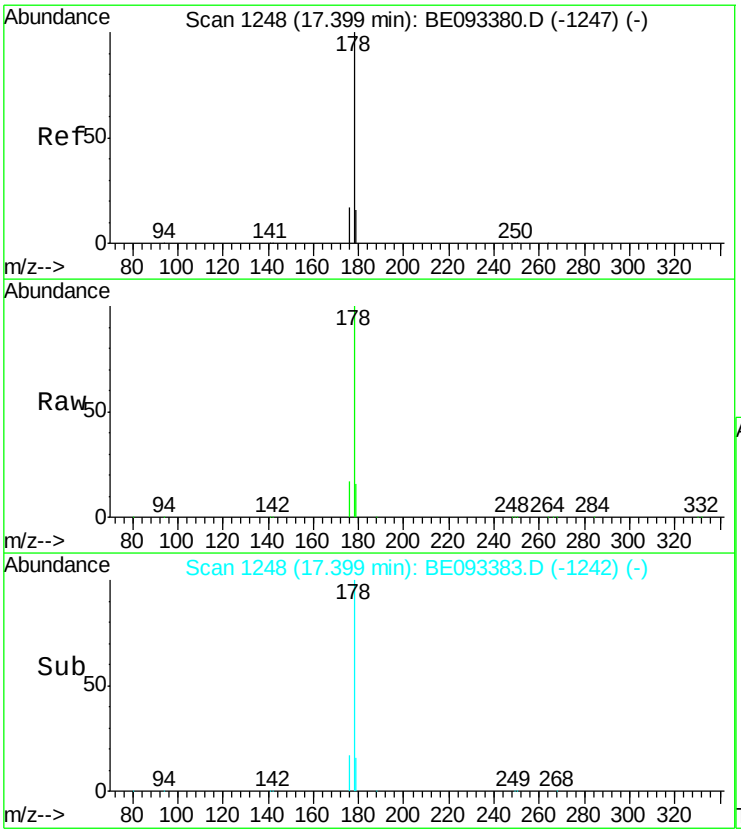
#23
Phenanthrene
Concen: 3.631 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 337287

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.4
179	14.1	12.7	19.1

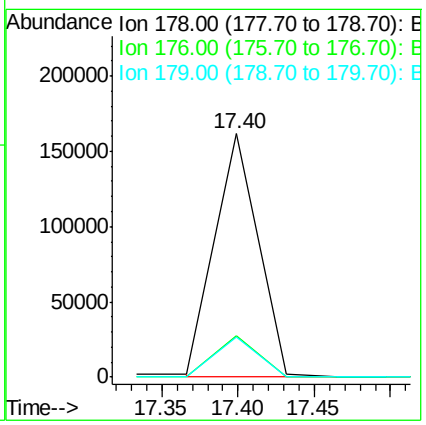


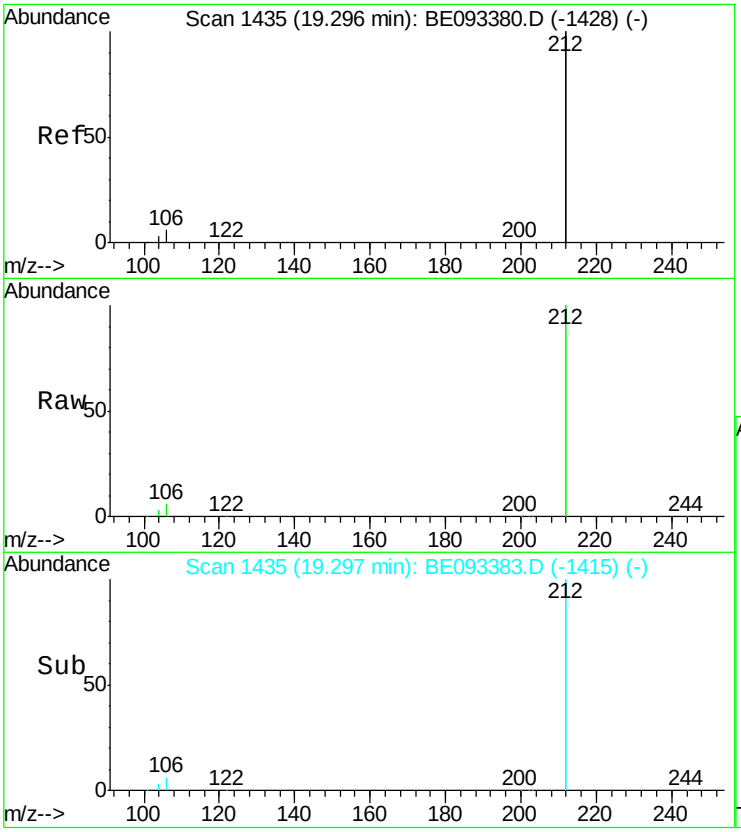


#24
Anthracene
Concen: 3.359 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:178 Resp: 318335

Ion	Ratio	Lower	Upper
178	100		
176	16.9	14.6	22.0
179	16.4	12.0	18.0



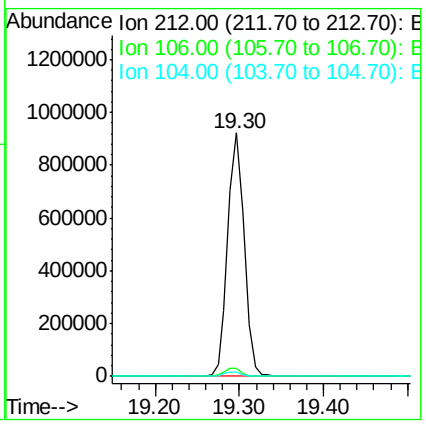


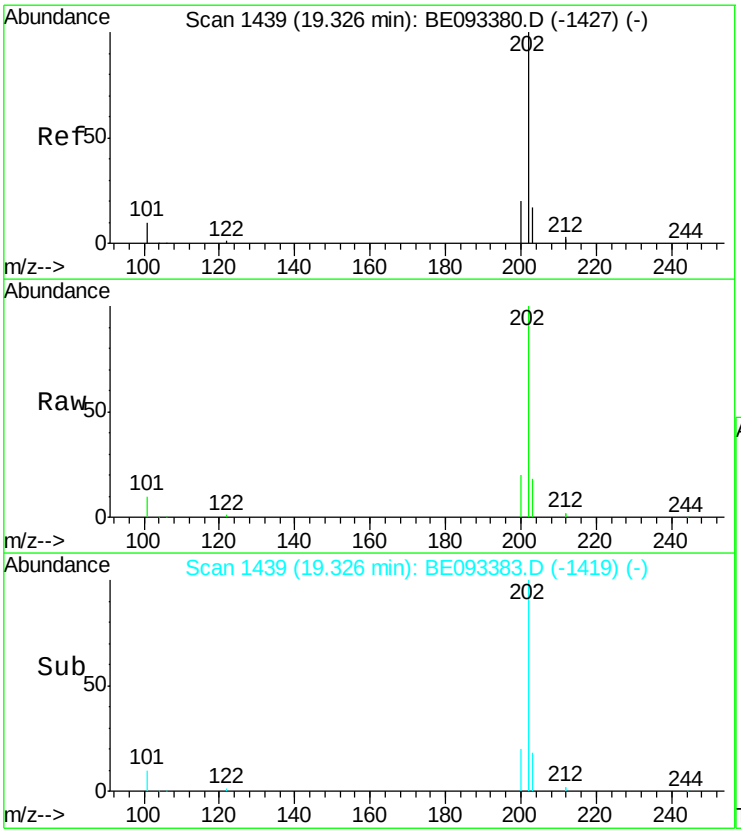
#25
Fluoranthene-d10
Concen: 3.512 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 1250844

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4

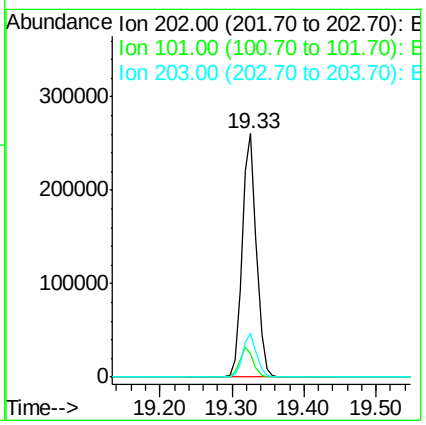


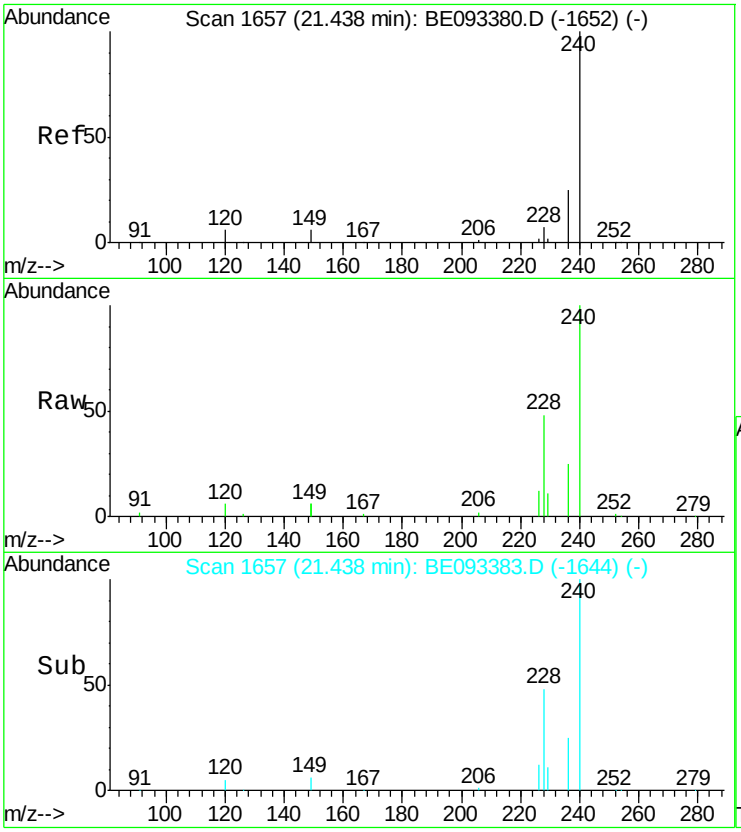


#26
Fluoranthene
Concen: 3.541 ng
RT: 19.33 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:202 Resp: 358019

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	17.4	14.4	21.6



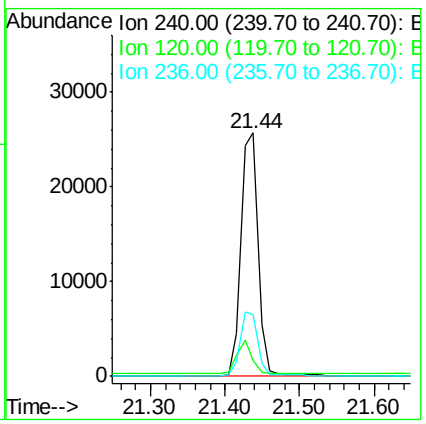


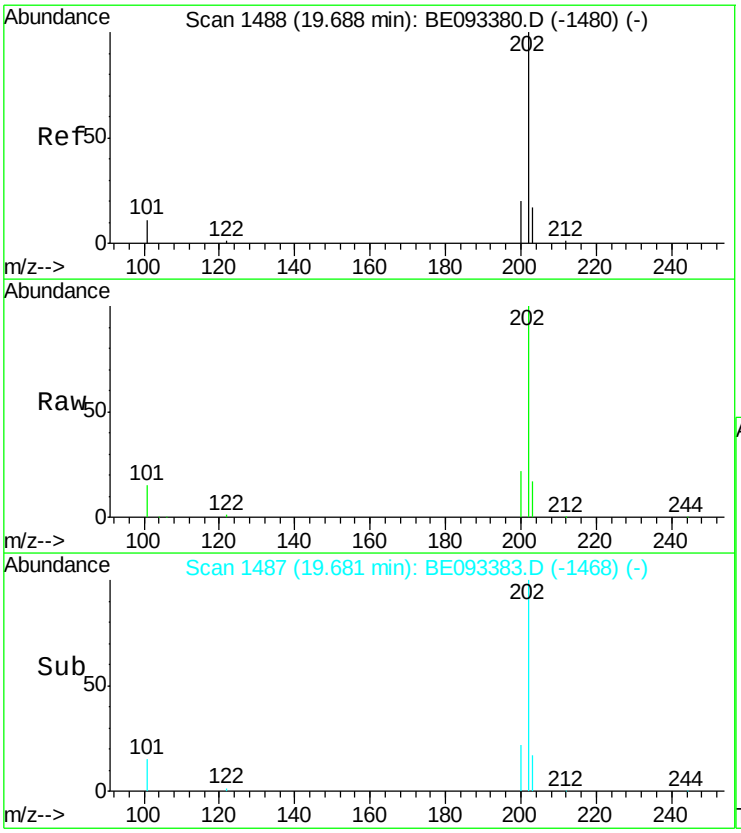
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 40866

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.6	7.0
236	25.3	20.8	31.2

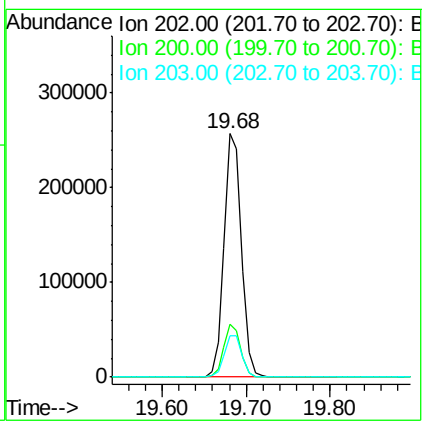


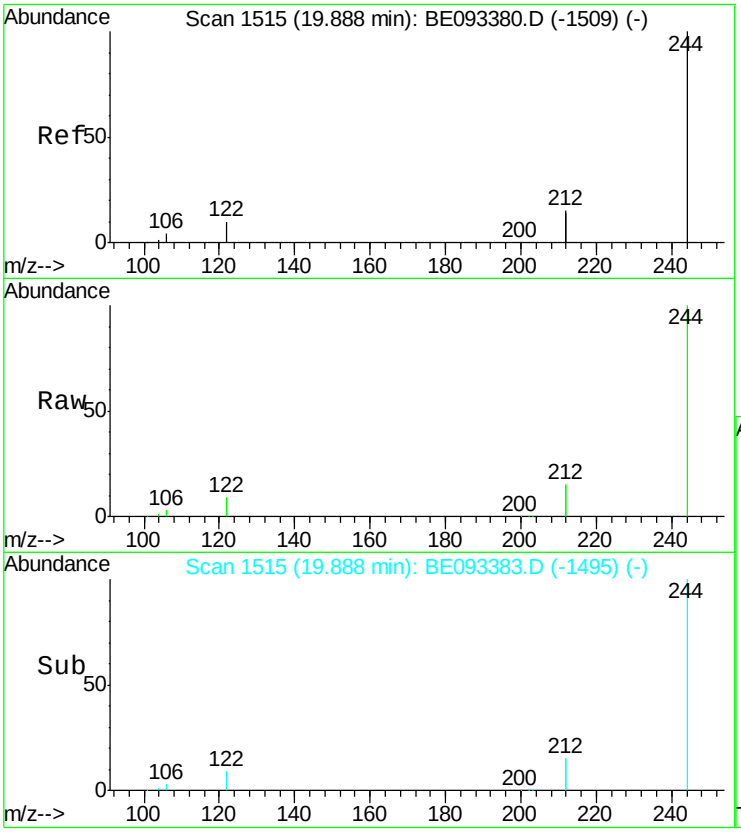


#28
Pyrene
Concen: 3.433 ng
RT: 19.68 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:202 Resp: 365756

Ion	Ratio	Lower	Upper
202	100		
200	21.1	0.0	0.0#
203	17.6	13.7	20.5



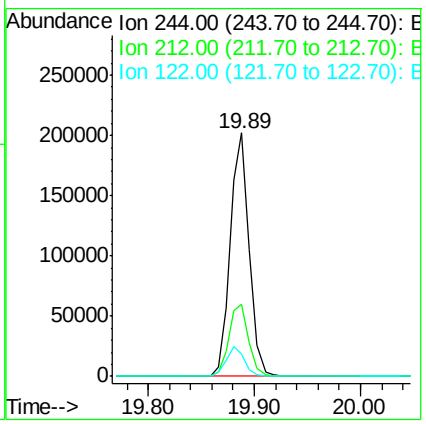


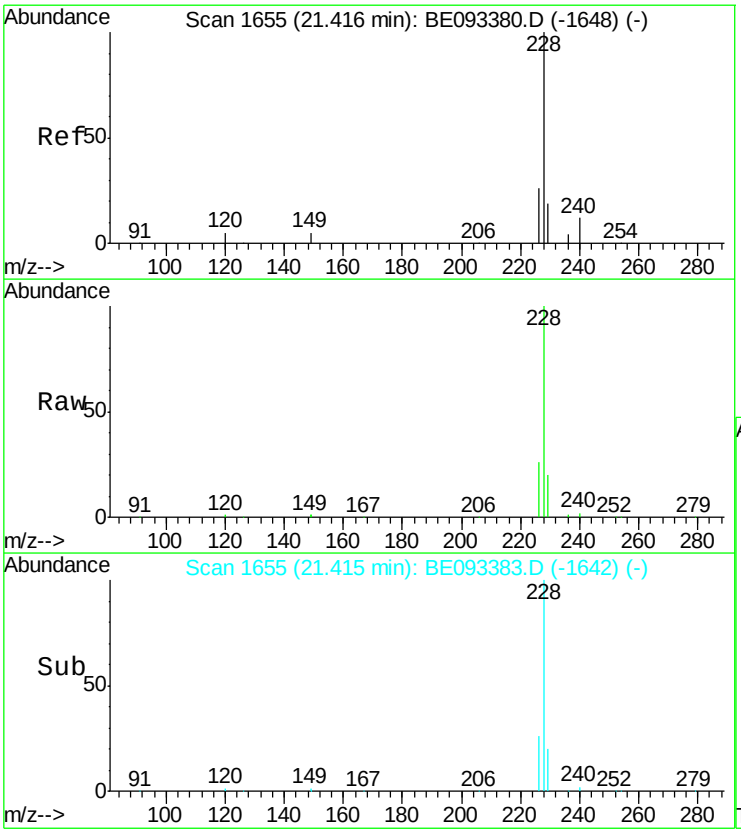
#29
Terphenyl-d14
Concen: 3.350 ng
RT: 19.89 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 251876

Ion	Ratio	Lower	Upper
244	100		
212	29.4	10.6	16.0#
122	9.0	15.4	23.0#

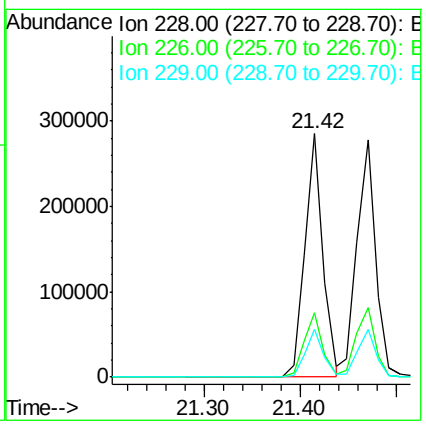


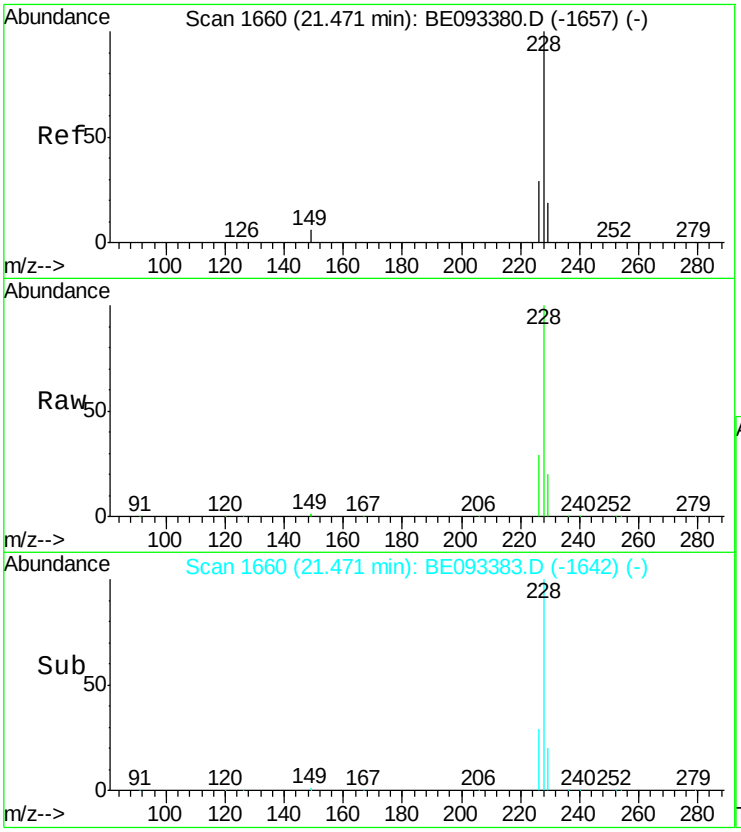


#30
Benzo(a)anthracene
Concen: 3.427 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:228 Resp: 376560

Ion	Ratio	Lower	Upper
228	100		
226	26.4	19.7	29.5
229	19.9	19.2	28.8



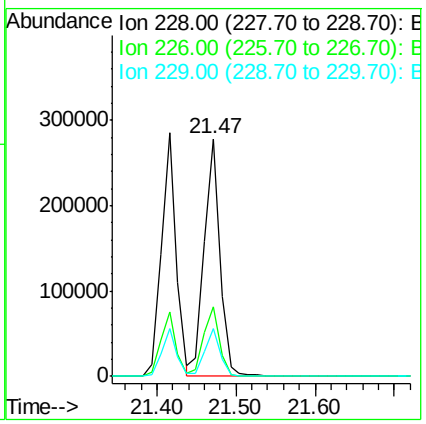


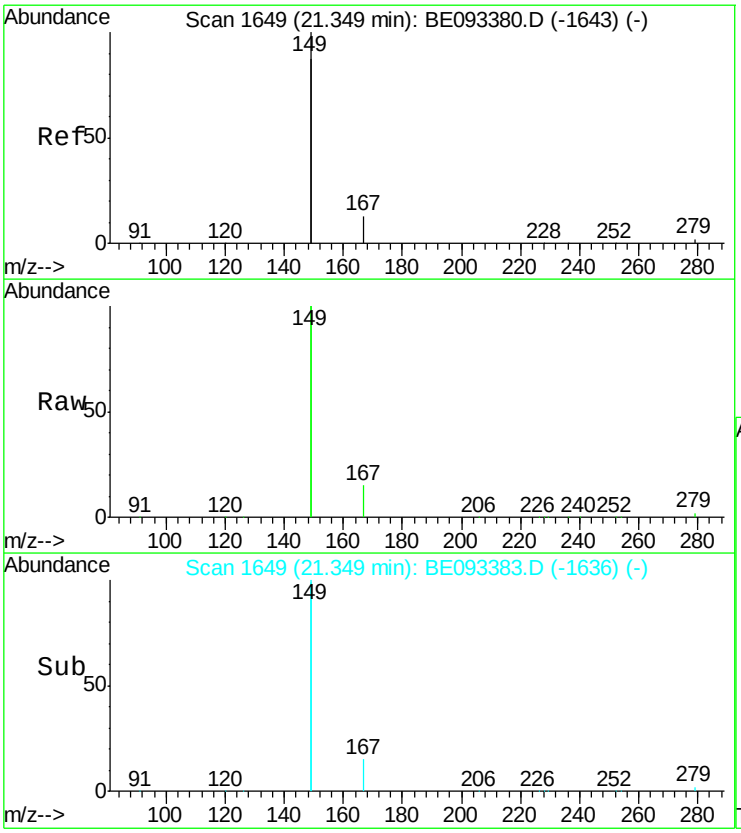
#31
Chrysene
Concen: 3.278 ng
RT: 21.47 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 379152

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.5	32.3
229	19.9	18.6	28.0

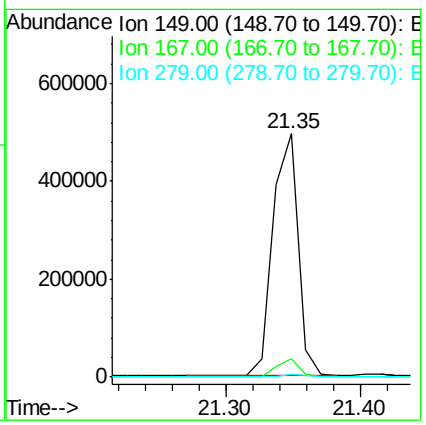


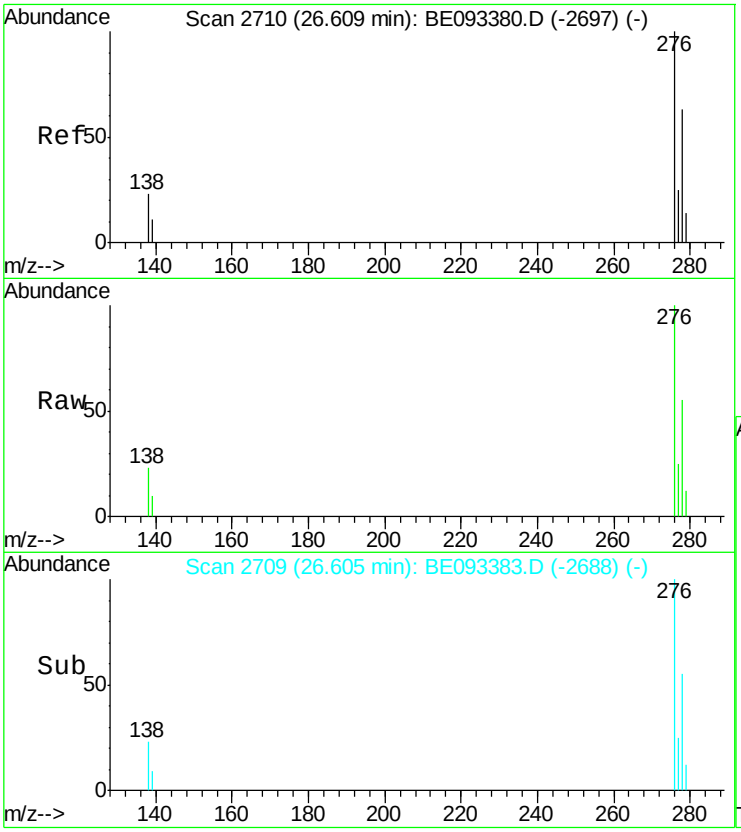


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.154 ng
RT: 21.35 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:149 Resp: 651928

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	1.0	2.2	3.4#



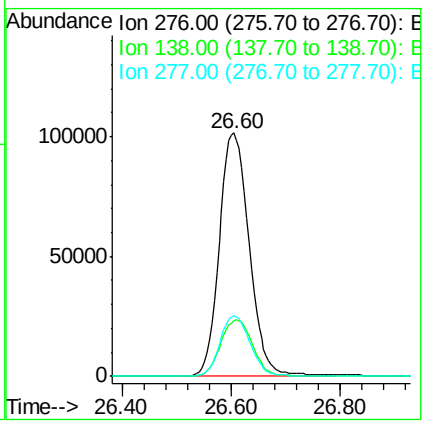


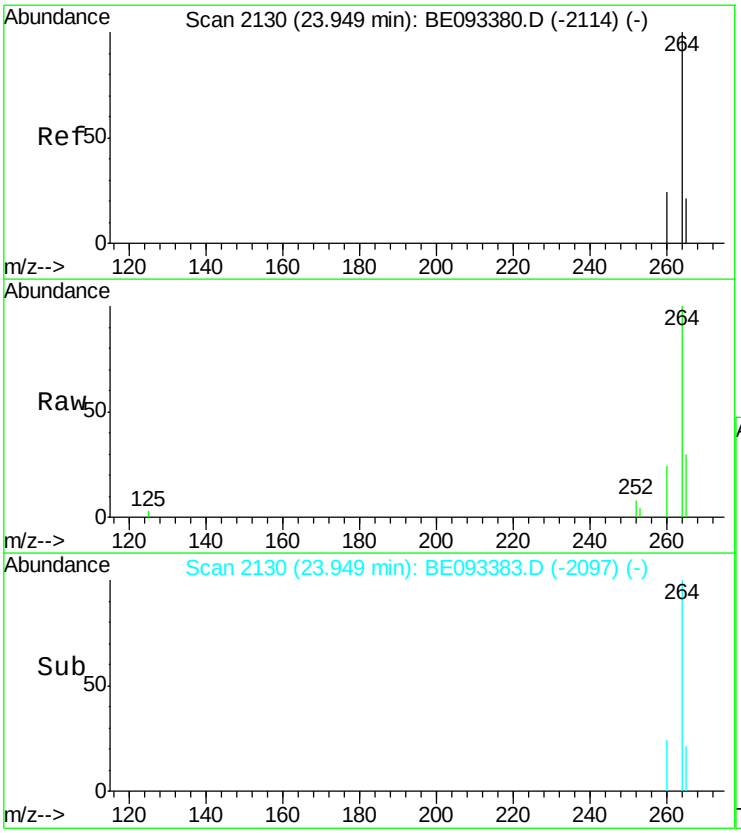
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.438 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 385710

Ion	Ratio	Lower	Upper
276	100		
138	24.6	27.4	41.2#
277	25.1	20.1	30.1

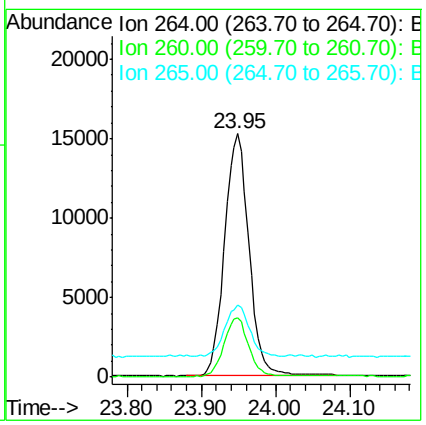


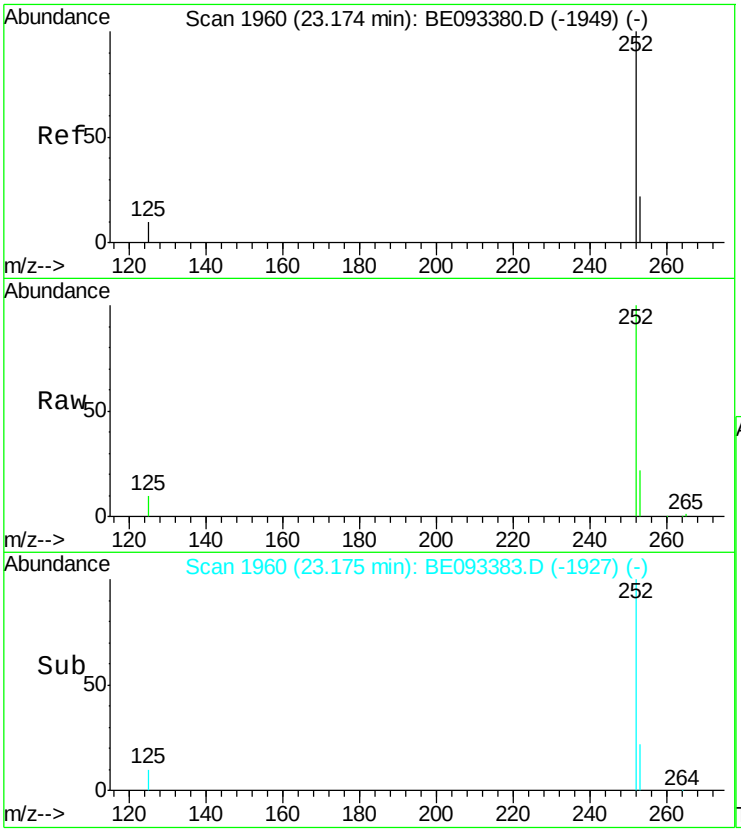


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:264 Resp: 34619

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.0	31.4
265	29.9	24.6	36.8



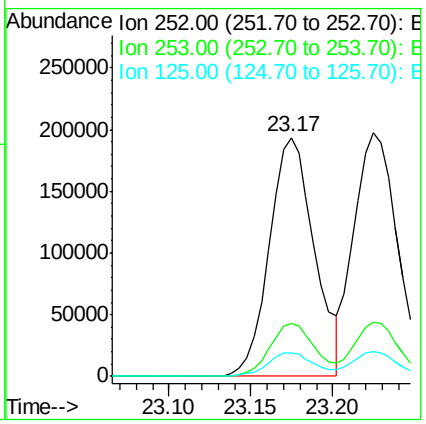


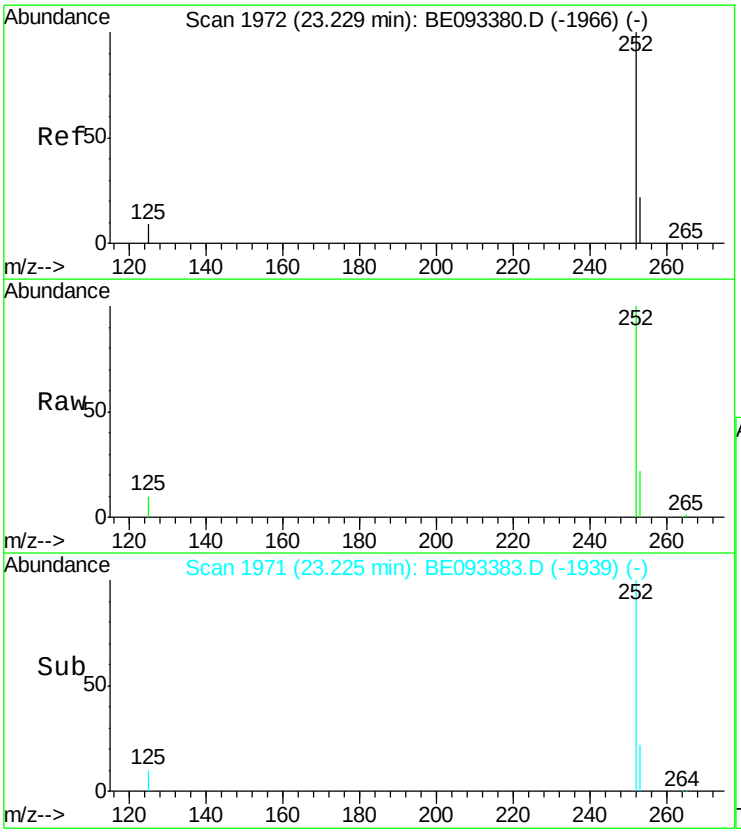
#35
Benzo(b)fluoranthene
Concen: 3.443 ng
RT: 23.17 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 369493

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	10.1	13.4	20.0#

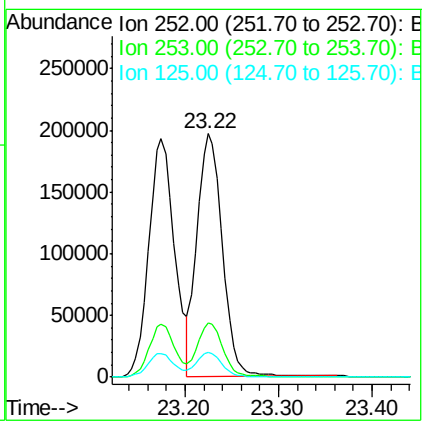


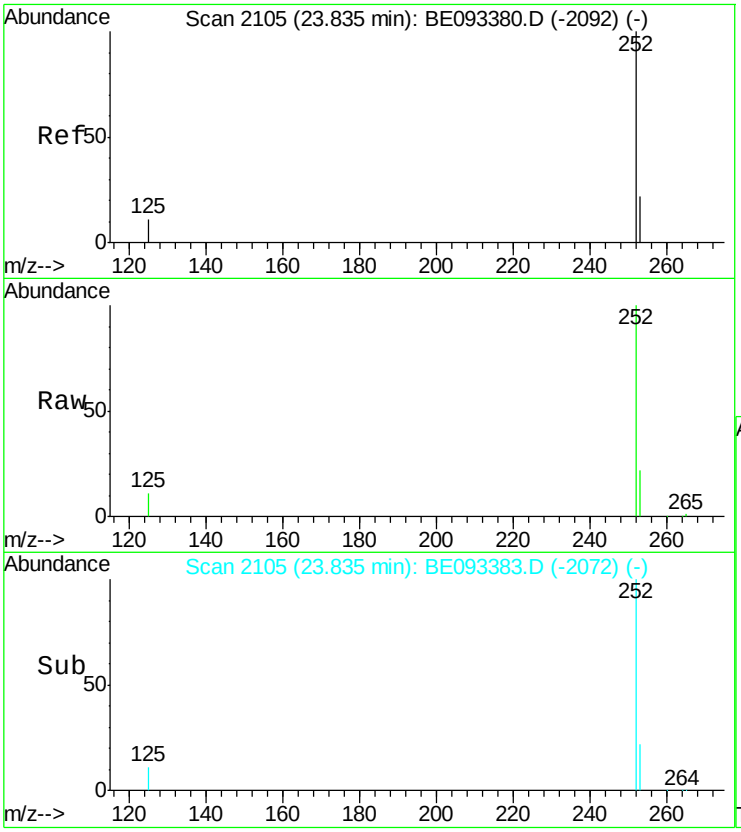


#36
Benzo(k)fluoranthene
Concen: 3.407 ng
RT: 23.22 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:252 Resp: 367712

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.3	30.5
125	10.0	12.2	18.4#



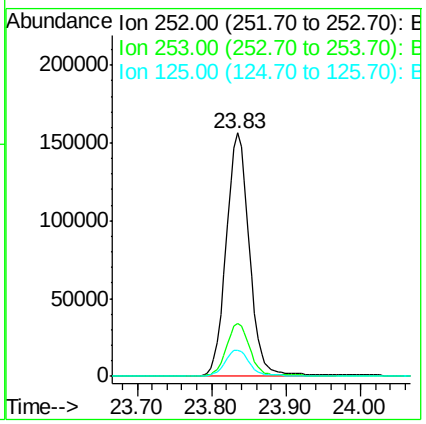


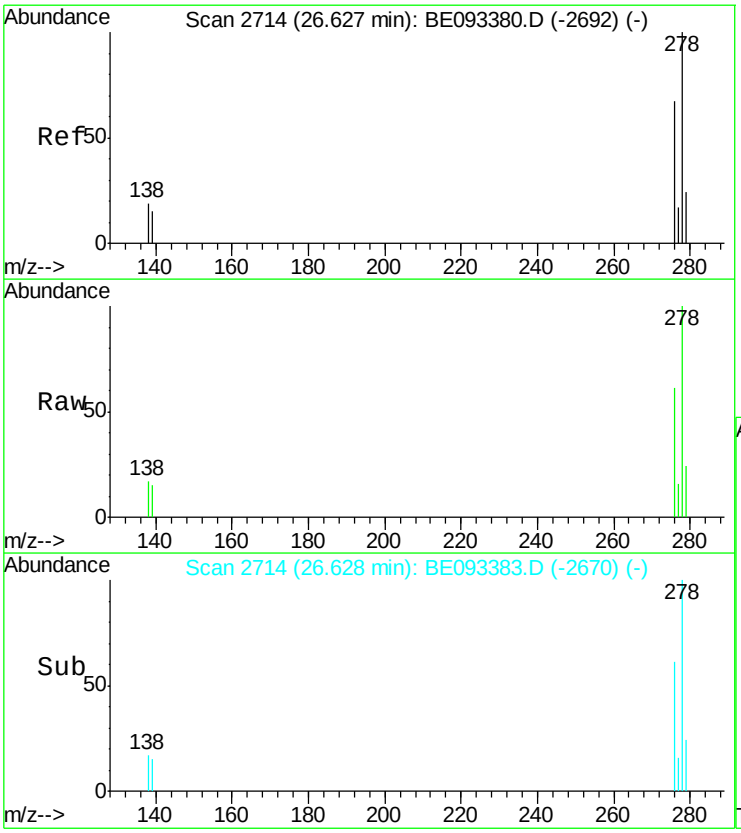
#37
Benzo(a)pyrene
Concen: 3.518 ng
RT: 23.83 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 334159

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.9	29.9
125	10.9	14.6	21.8#

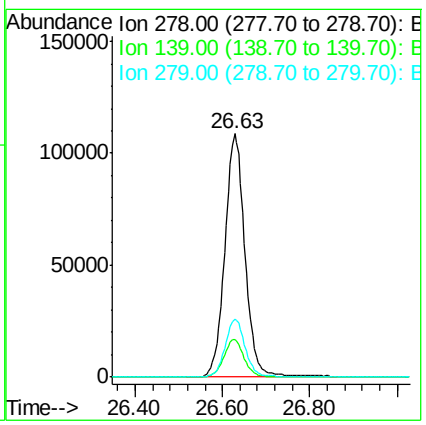


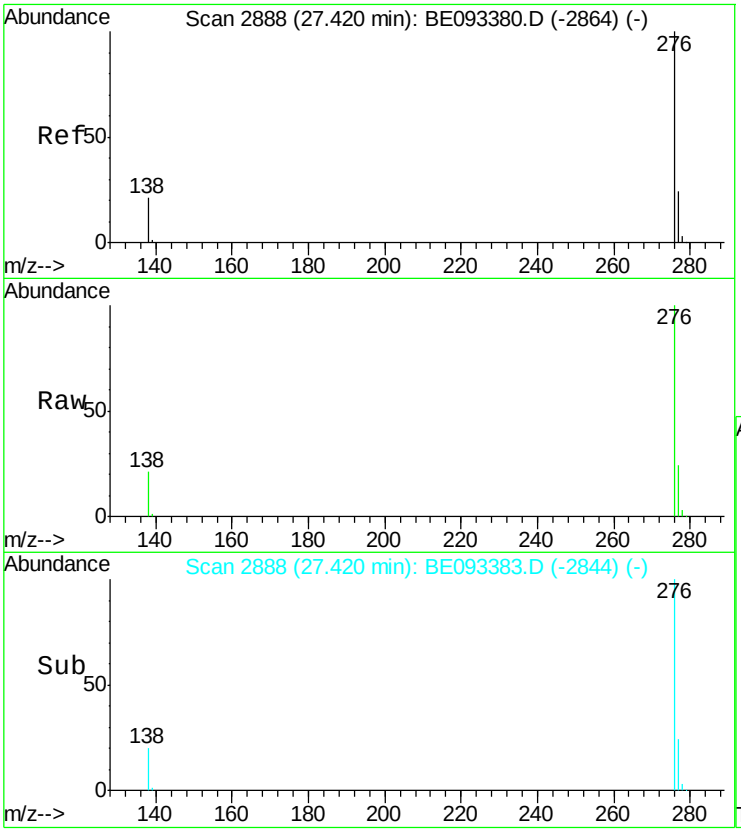


#38
Dibenzo(a,h)anthracene
Concen: 3.595 ng
RT: 26.63 min Scan# 2714
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Tgt Ion:278 Resp: 346479

Ion	Ratio	Lower	Upper
278	100		
139	15.4	21.4	32.0#
279	23.8	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 3.441 ng
RT: 27.42 min Scan# 2888
Delta R.T. 0.00 min
Lab File: BE093383.D
Acq: 30 Jun 2017 19:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 341061

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.2	31.8
138	20.5	24.5	36.7#