Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093382.D
Acq On : 30 Jun 2017 18:26
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Jun 30 19:01:17 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 18:48:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3097	0.40	ng		-0.01
7) Naphthalene-d8	10.74	136	15492	0.40	ng		0.00
13) Acenaphthene-d10	14.55	164	9958	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	39990	0.40	ng		0.00
27) Chrysene-d12	21.44	240	41581	0.40	ng		0.00
34) Perylene-d12	23.95	264	35152	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	15222	1.67	ng		0.00
5) Phenol-d6	7.10	99	22807	1.70	ng		0.00
8) Nitrobenzene-d5	9.10	82	13852	1.12	ng		0.00
11) 2-Methylnaphthalene-d10	12.32	152	41007	1.76	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	7651	3.37	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	62876	1.48	ng		0.00
25) Fluoranthene-d10	19.30	212	603690	4.58	ng		0.00
29) Terphenyl-d14	19.89	244	123925	1.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	9607	1.398	ng		90
3) n-Nitrosodimethylamine	3.75	42	7113	1.212	ng	#	96
6) bis(2-Chloroethyl)ether	7.36	93	16966	1.451	ng	#	98
9) Naphthalene	10.79	128	261696	6.296	ng	#	73
10) Hexachlorobutadiene	11.08	225	10774	1.910	ng		99
12) 2-Methylnaphthalene	12.39	142	45637	1.768	ng		97
16) Acenaphthylene	14.27	152	71789	0.414	ng	#	87
17) Acenaphthene	14.61	154	49573	1.535	ng		99
18) Fluorene	15.59	166	68967	1.772	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	15399	0.632	ng		98
21) Hexachlorobenzene	16.58	284	26171	1.221	ng	#	100
22) Pentachlorophenol	16.94	266	3213	0.465	ng	#	87
23) Phenanthrene	17.30	178	161640	0.894	ng		95
24) Anthracene	17.40	178	162148	1.059	ng		98
26) Fluoranthene	19.33	202	172441	0.263	ng		99
28) Pyrene	19.68	202	175094	0.346	ng	#	99
30) Benzo(a)anthracene	21.42	228	183103	1.632	ng		94
31) Chrysene	21.47	228	190259	1.587	ng		94
32) Bis(2-ethylhexyl)phthalate	21.35	149	273954	5.017	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.61	276	188858	0.422	ng	#	90
35) Benzo(b)fluoranthene	23.17	252	184155	1.630	ng	#	92
36) Benzo(k)fluoranthene	23.23	252	184876	1.697	ng	#	91
37) Benzo(a)pyrene	23.83	252	164907	1.689	ng	#	90
38) Dibenzo(a,h)anthracene	26.62	278	169170	1.662	ng	#	86
39) Benzo(g,h,i)perylene	27.42	276	168606	0.410	ng	#	88

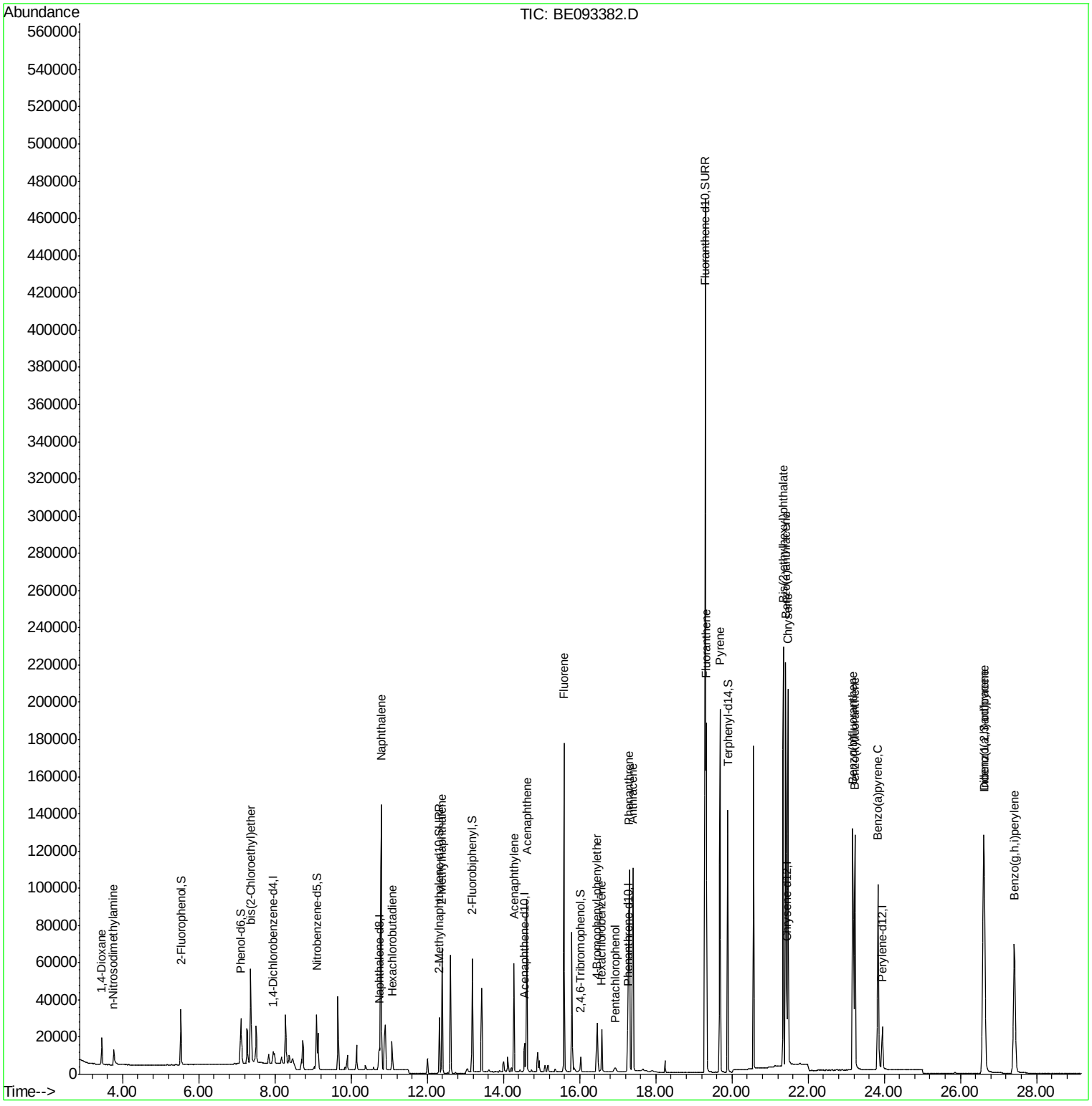
(#) = qualifier out of range (m) = manual integration (+) = signals summed

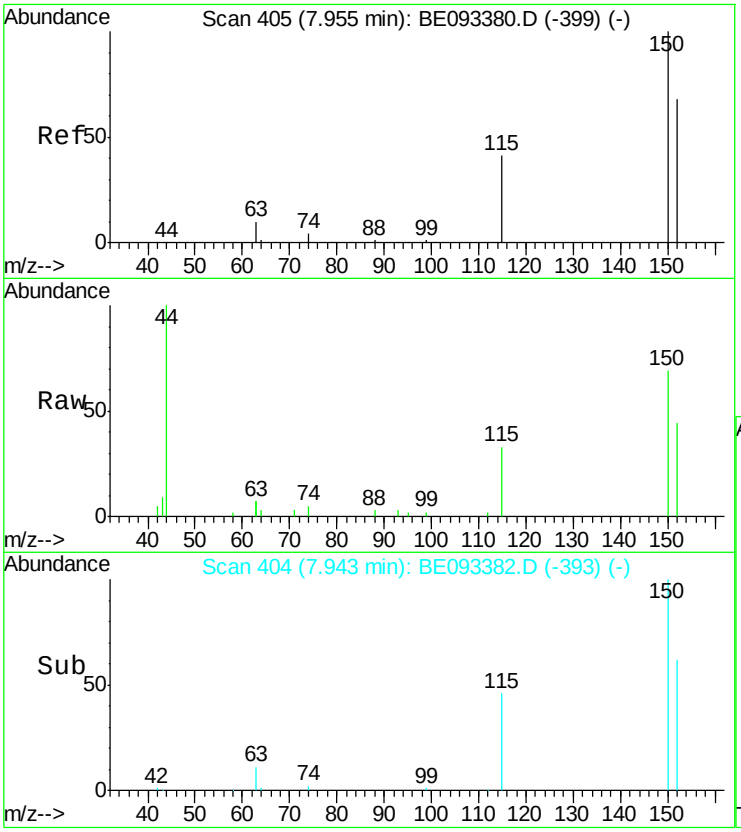
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093382.D
Acq On : 30 Jun 2017 18:26
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Jun 30 19:01:17 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 18:48:18 2017
Response via : Initial Calibration



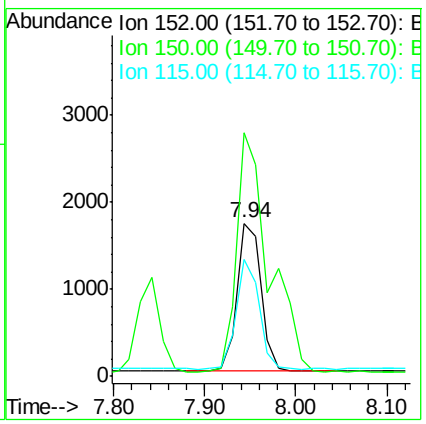


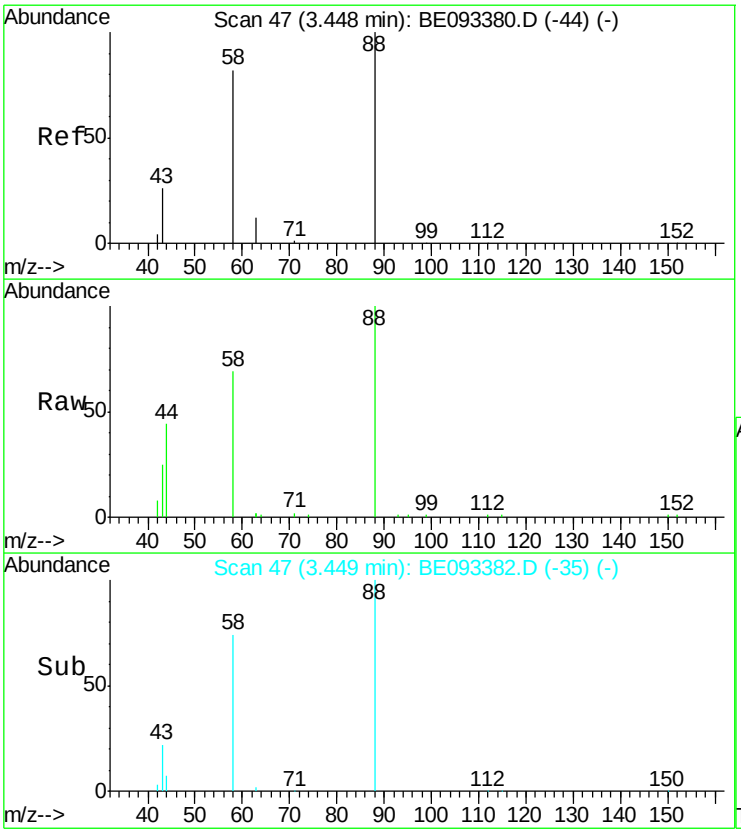
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.01 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 3097

Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.1	187.7
115	76.8	55.7	83.5

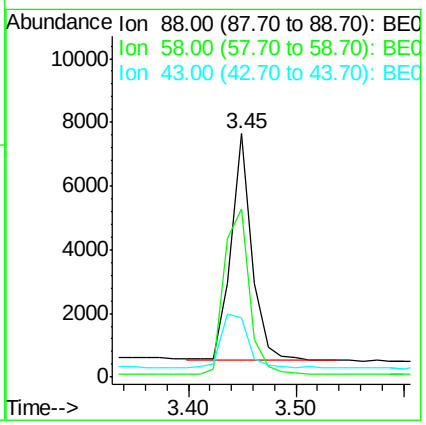


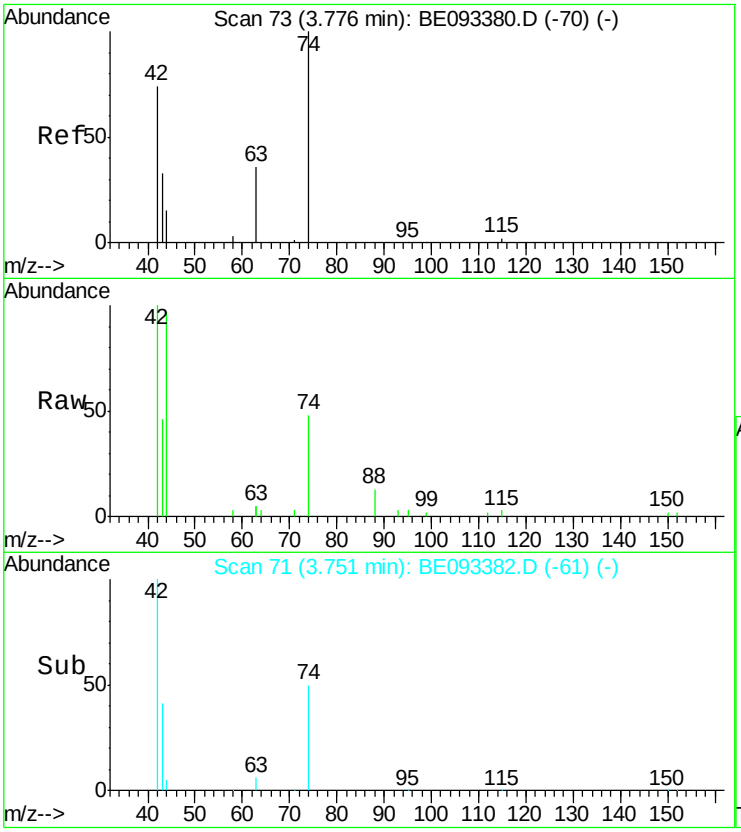


#2
1,4-Dioxane
Concen: 1.398 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion: 88 Resp: 9607

Ion	Ratio	Lower	Upper
88	100		
58	88.4	62.2	93.4
43	31.3	23.2	34.8



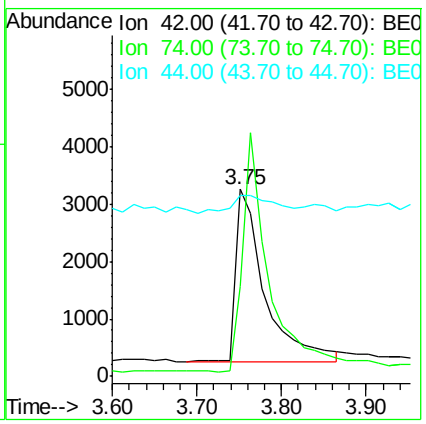


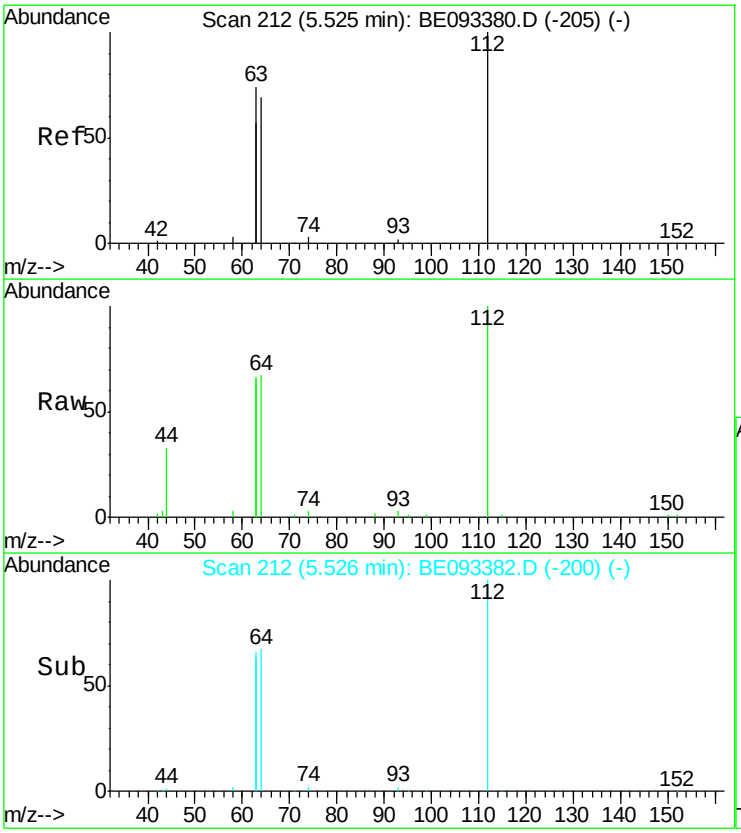
#3
n-Nitrosodimethylamine
Concen: 1.212 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.02 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 7113

Ion	Ratio	Lower	Upper
42	100		
74	126.9	99.1	148.7
44	16.2	7.4	11.2#

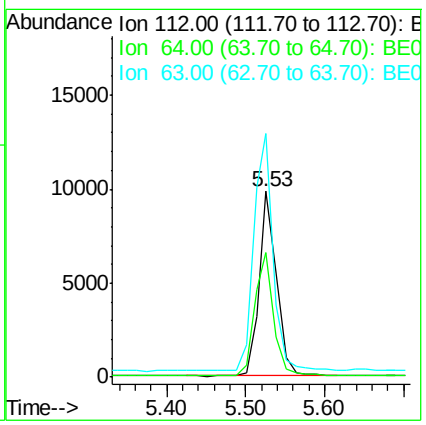


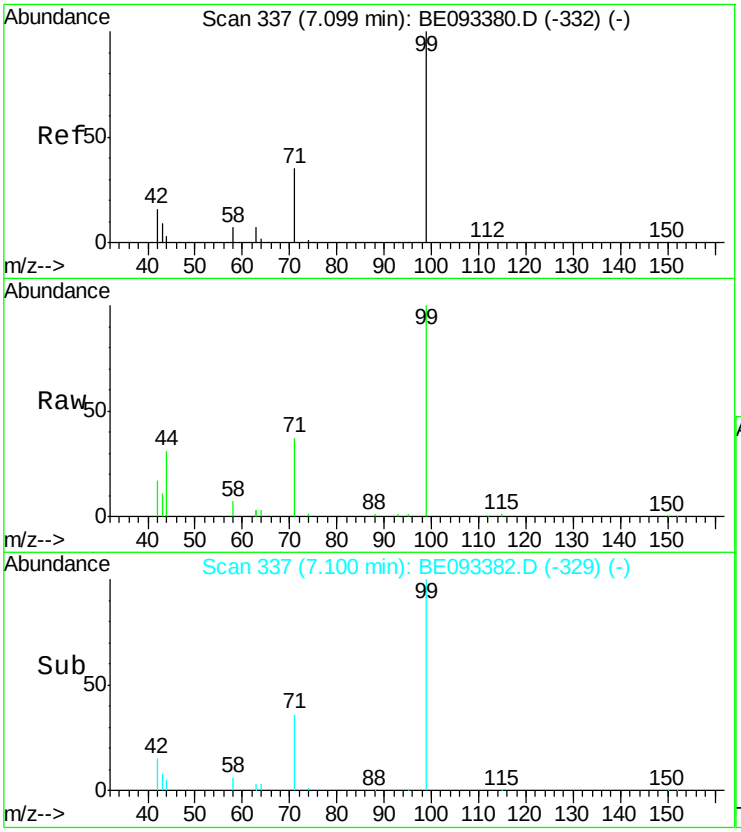


#4
2-Fluorophenol
Concen: 1.666 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:112 Resp: 15222

Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.4	84.6
63	140.6	29.3	43.9#



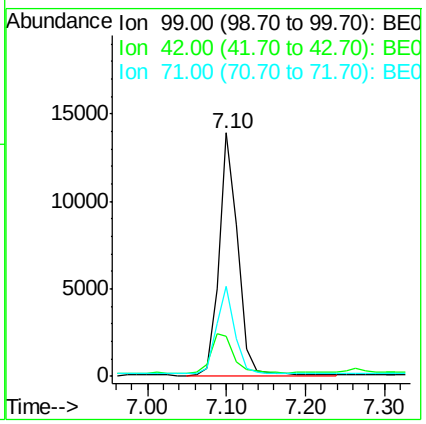


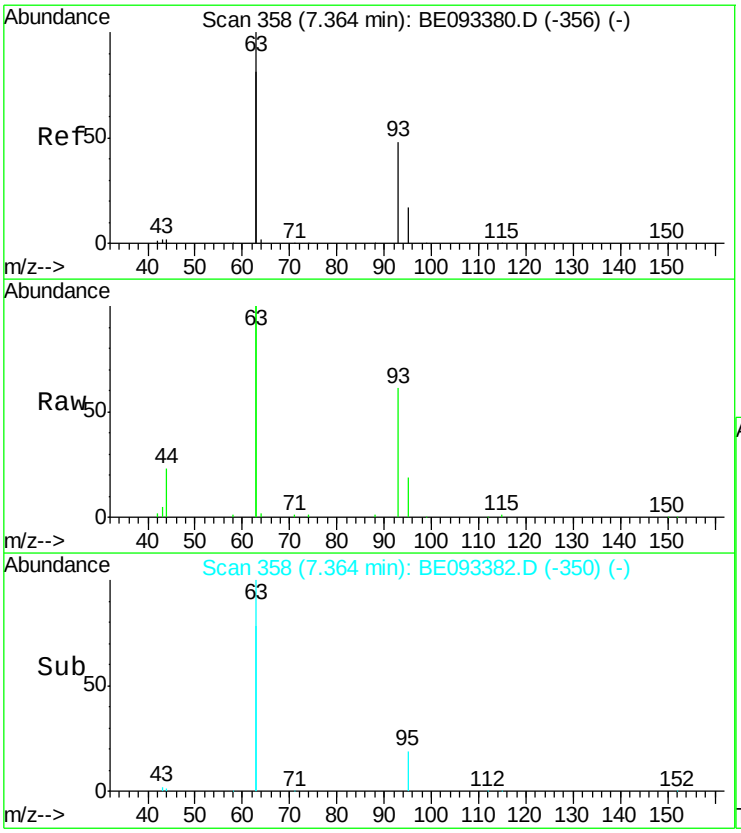
#5
Phenol-d6
Concen: 1.704 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 22807

Ion	Ratio	Lower	Upper
99	100		
42	19.3	0.0	0.0#
71	35.9	0.0	0.0#

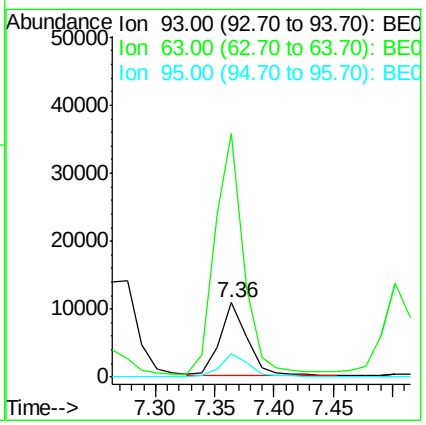


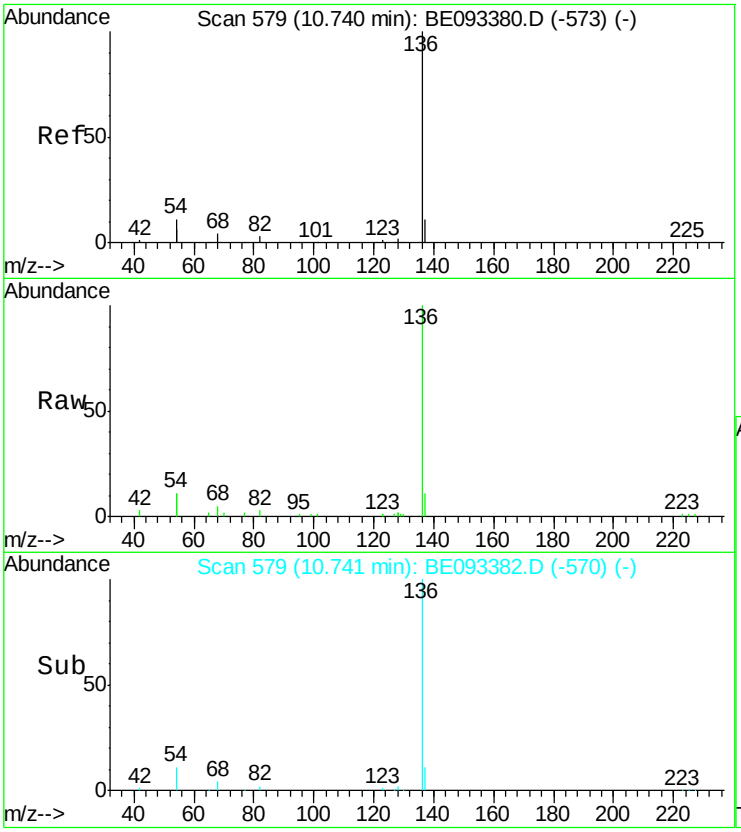


#6
bis(2-Chloroethyl)ether
Concen: 1.451 ng
RT: 7.36 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion: 93 Resp: 16966

Ion	Ratio	Lower	Upper
93	100		
63	354.2	0.0	0.0#
95	33.0	25.4	38.0



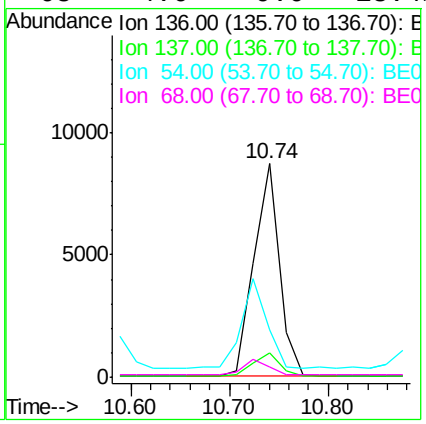


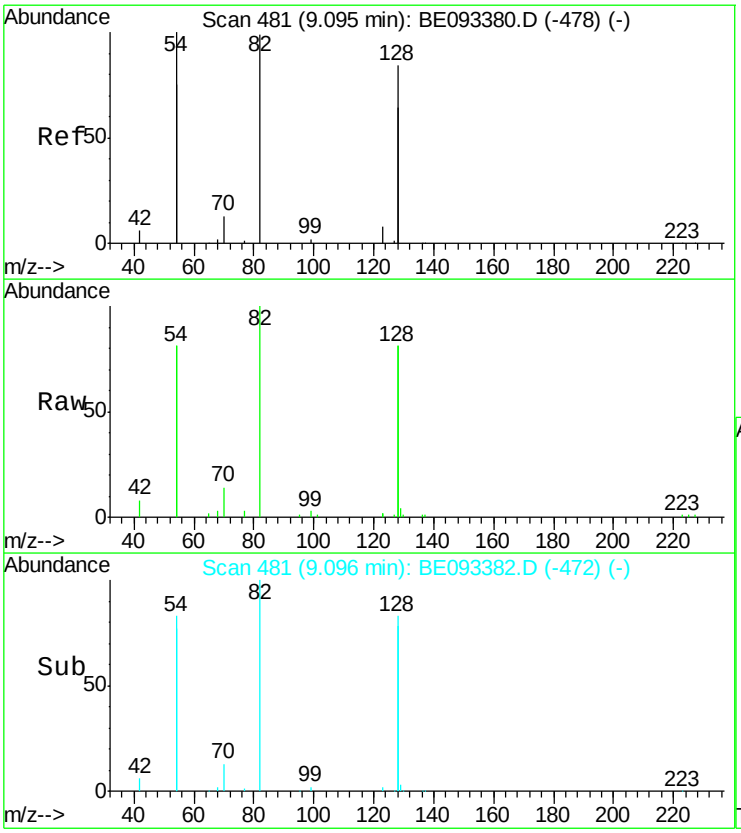
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 15492

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	22.2	10.3	15.5#
68	4.6	9.0	13.4#

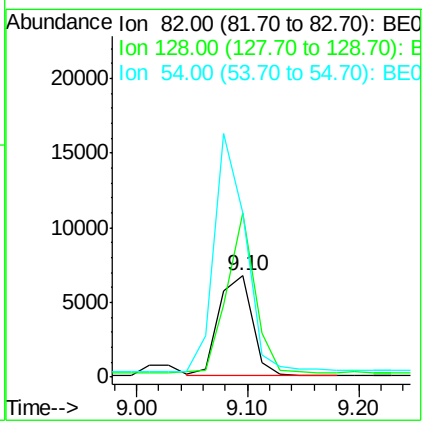


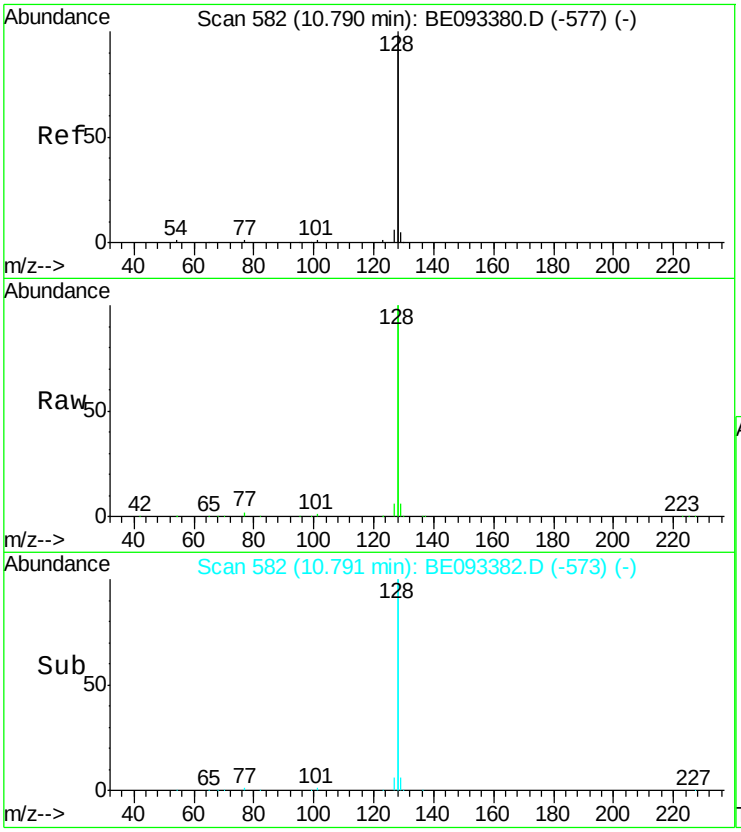


#8
Nitrobenzene-d5
Concen: 1.120 ng
RT: 9.10 min Scan# 481
Delta R.T. 0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion: 82 Resp: 13852

Ion	Ratio	Lower	Upper
82	100		
128	162.7	17.0	25.4#
54	162.9	53.8	80.6#



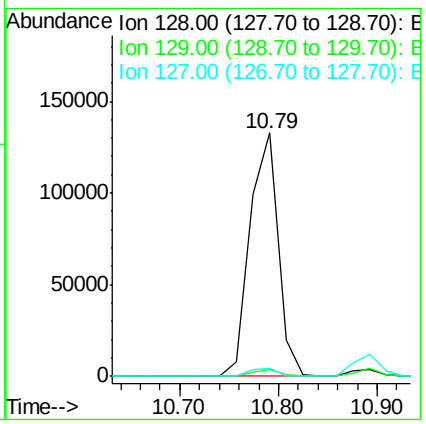


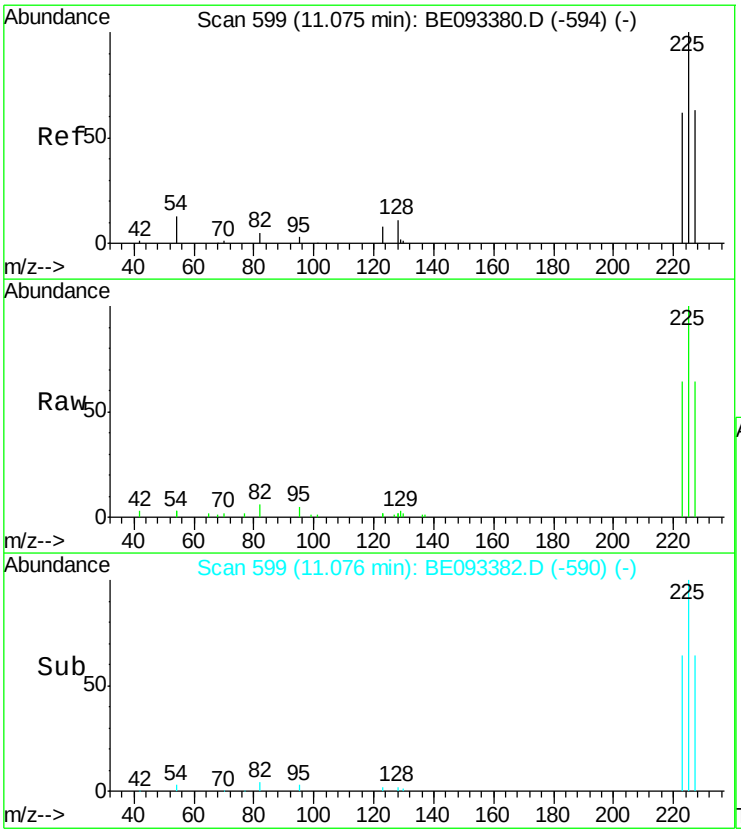
#9
Naphthalene
Concen: 6.296 ng
RT: 10.79 min Scan# 582
Delta R.T. 0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 261696

Ion	Ratio	Lower	Upper
128	100		
129	3.0	11.4	17.0#
127	3.1	11.2	16.8#

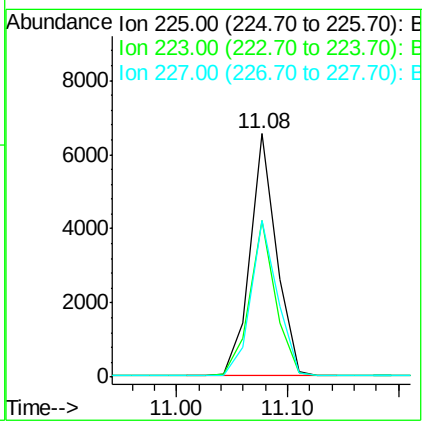


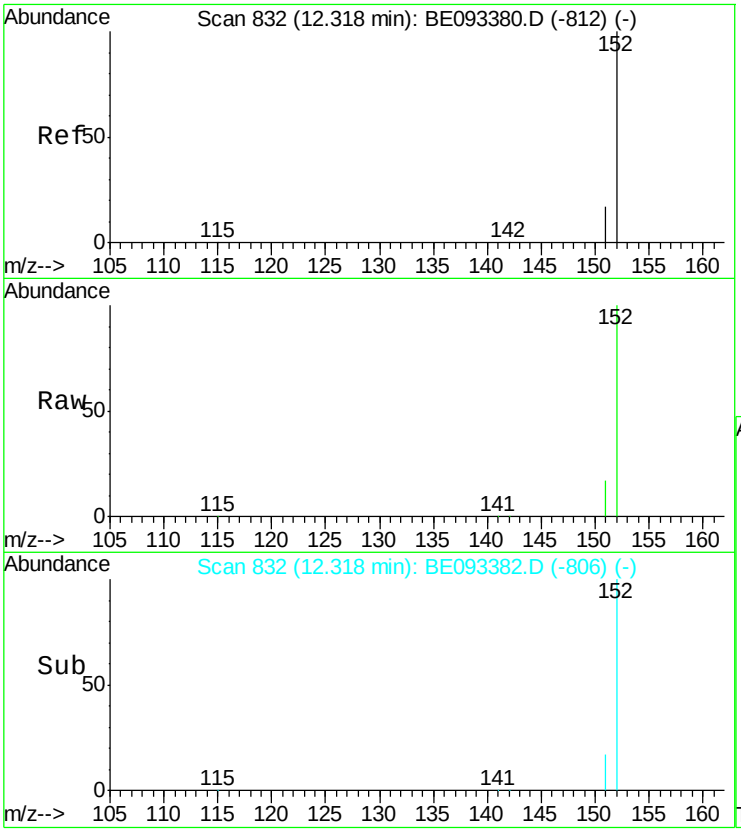


#10
Hexachlorobutadiene
Concen: 1.910 ng
RT: 11.08 min Scan# 599
Delta R.T. 0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:225 Resp: 10774

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	64.5	50.3	75.5



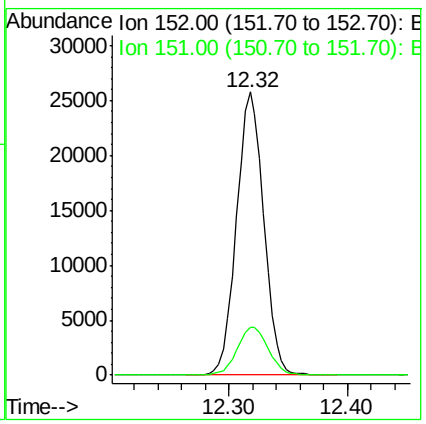


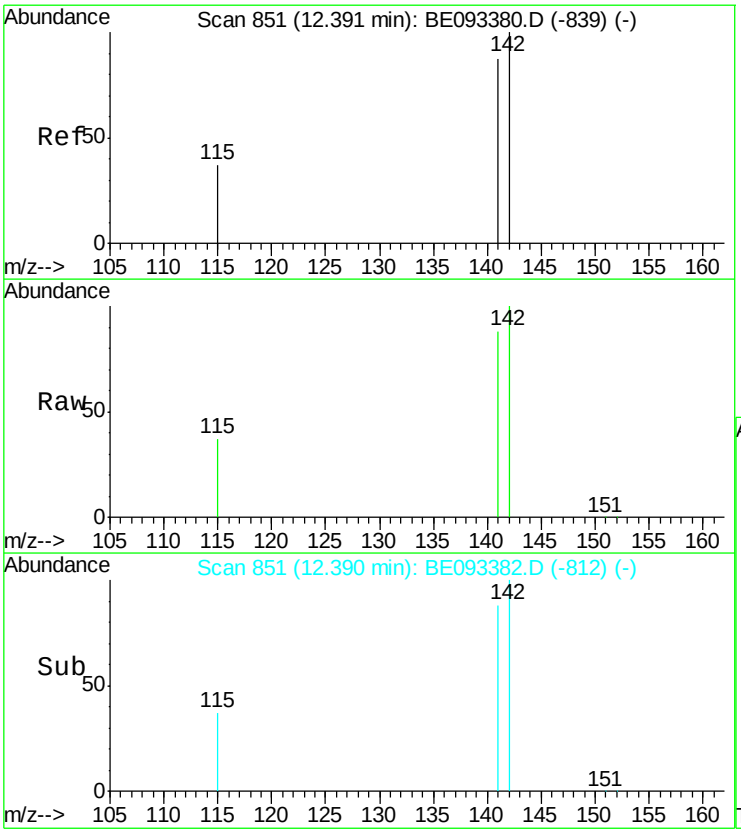
#11
2-Methylnaphthalene-d10
Concen: 1.761 ng
RT: 12.32 min Scan# 832
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 41007

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

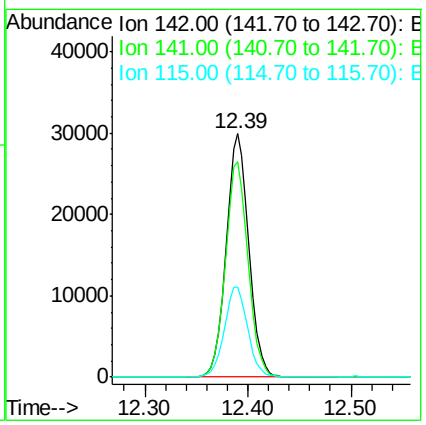


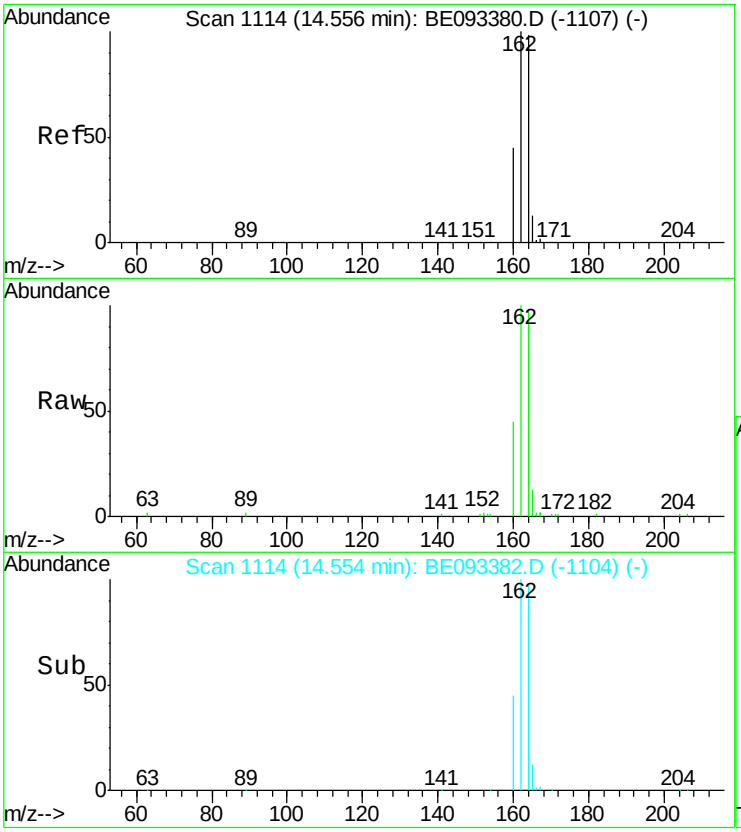


#12
2-Methylnaphthalene
Concen: 1.768 ng
RT: 12.39 min Scan# 851
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:142 Resp: 45637

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8
115	36.8	32.2	48.2



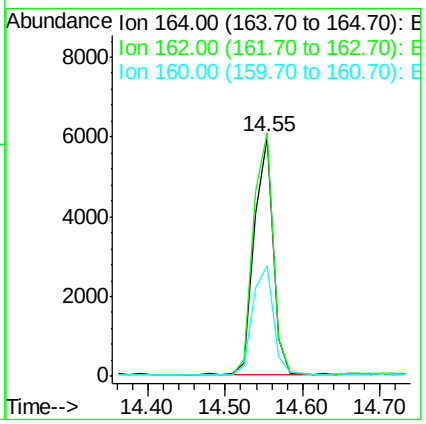


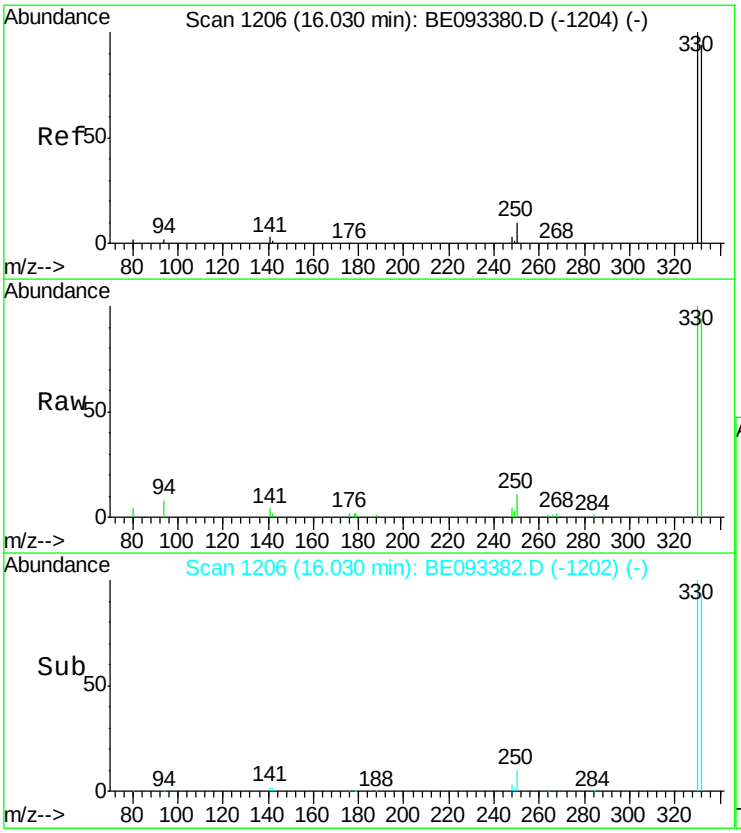
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.55 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 9958

Ion	Ratio	Lower	Upper
164	100		
162	101.9	84.6	127.0
160	46.0	41.8	62.6

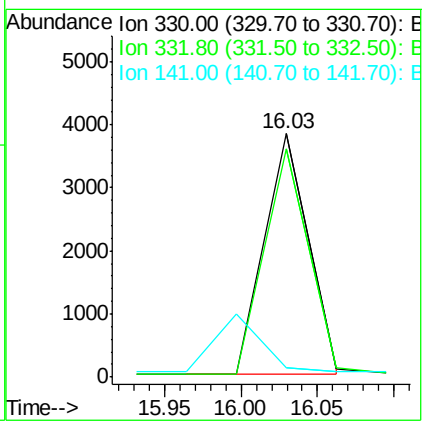


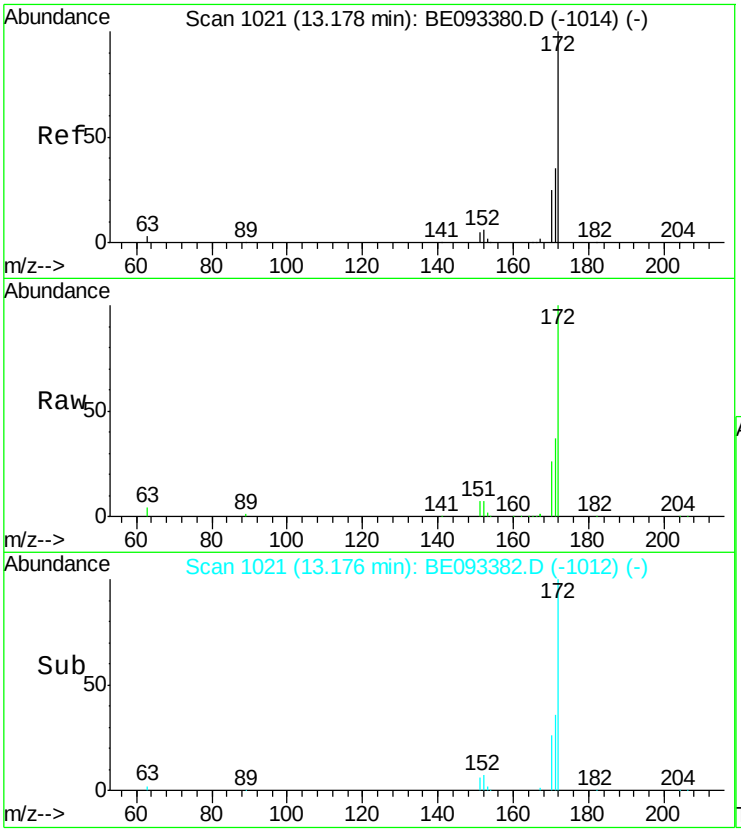


#14
2,4,6-Tribromophenol
Concen: 3.373 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:330 Resp: 7651

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.7	116.5
141	0.0	56.2	84.4#



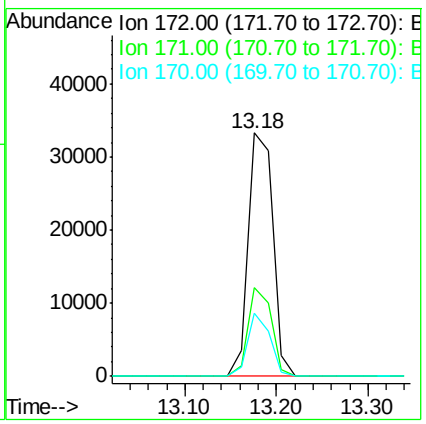


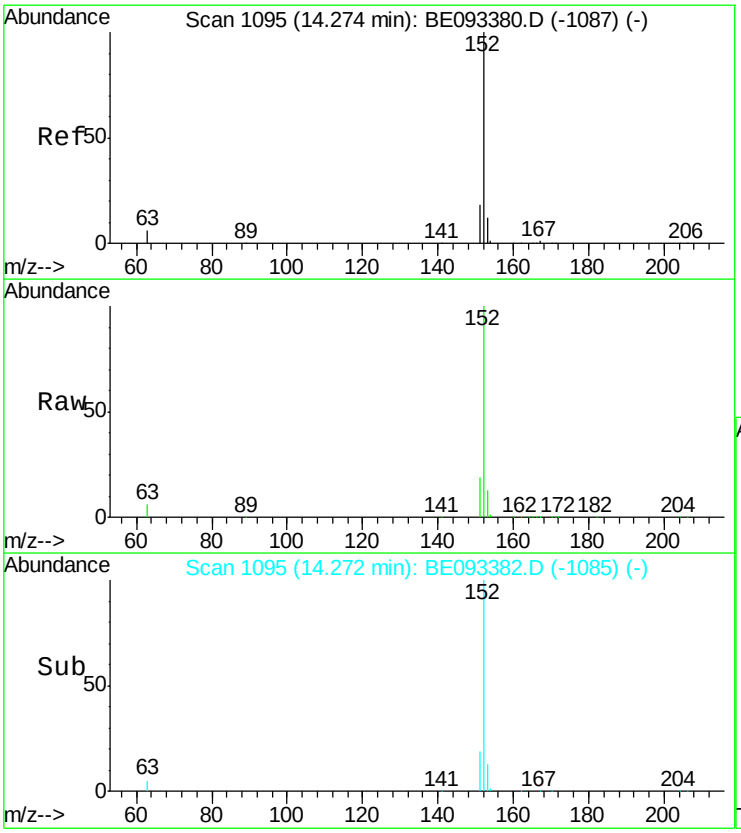
#15
2-Fluorobiphenyl
Concen: 1.479 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 62876

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	25.9	20.7	31.1

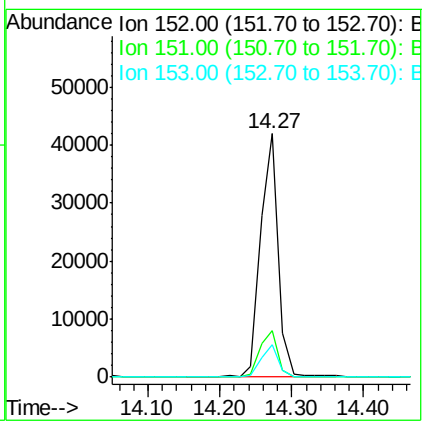


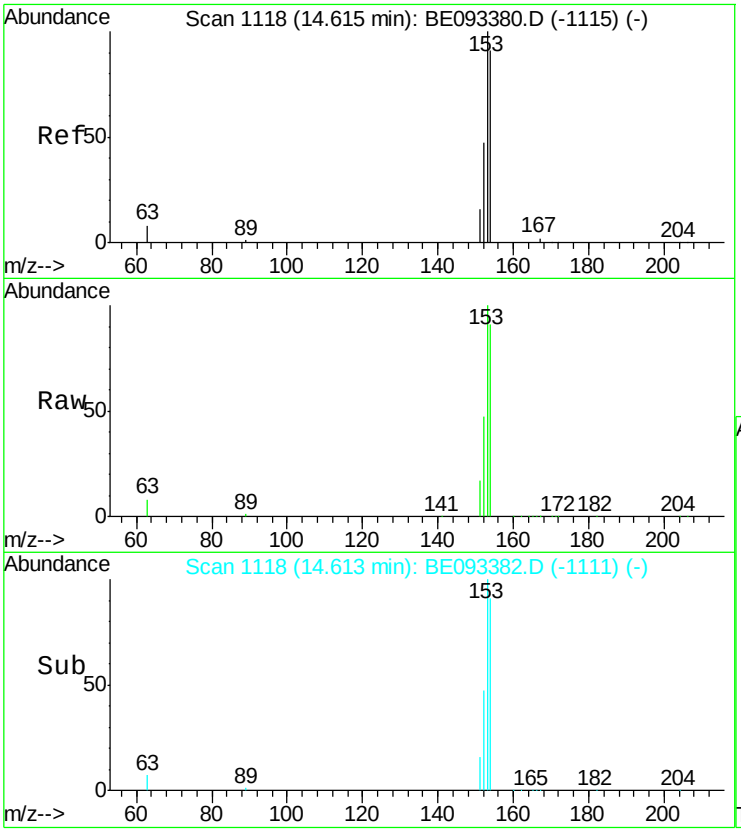


#16
Acenaphthylene
Concen: 0.414 ng
RT: 14.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:152 Resp: 71789

Ion	Ratio	Lower	Upper
152	100		
151	19.6	4.0	6.0#
153	13.0	10.3	15.5



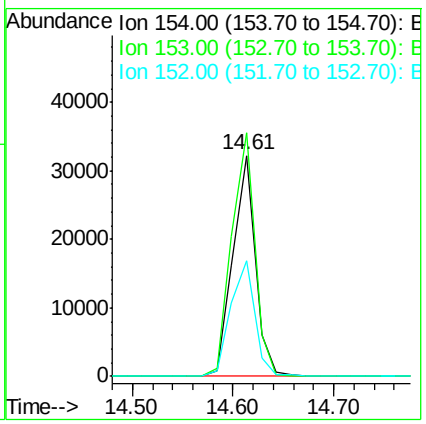


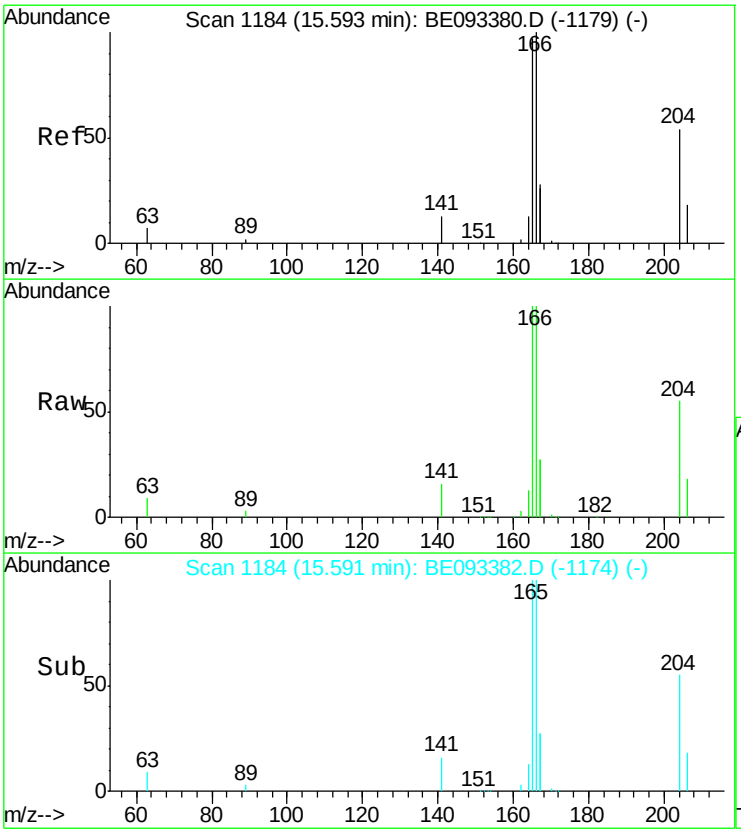
#17
Acenaphthene
Concen: 1.535 ng
RT: 14.61 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 49573

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.2	136.8
152	55.3	44.8	67.2

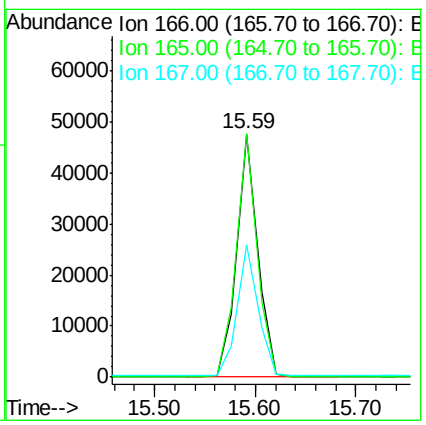


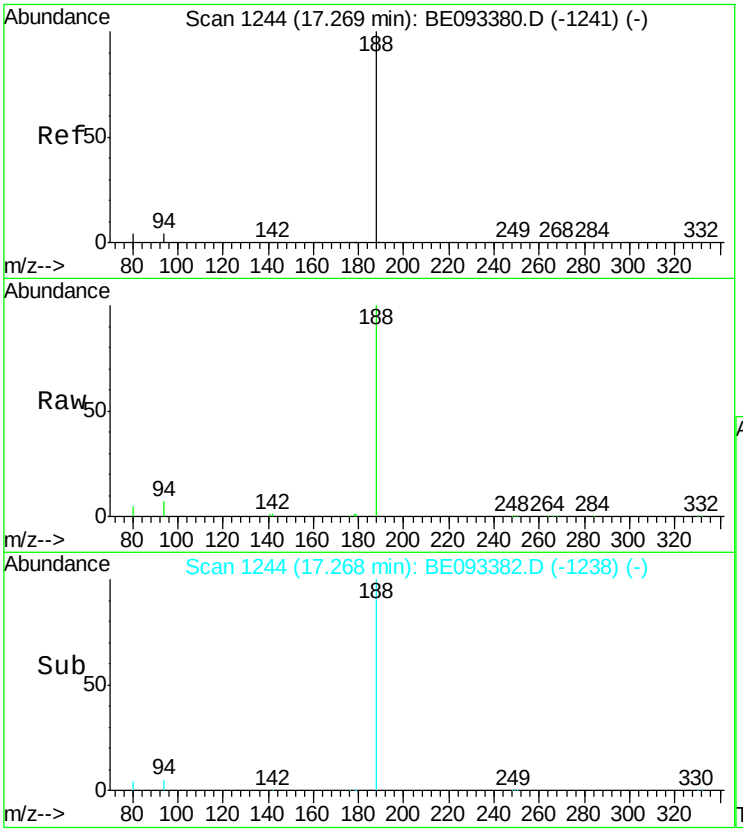


#18
Fluorene
Concen: 1.772 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:166 Resp: 68967

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	53.4	11.1	16.7#



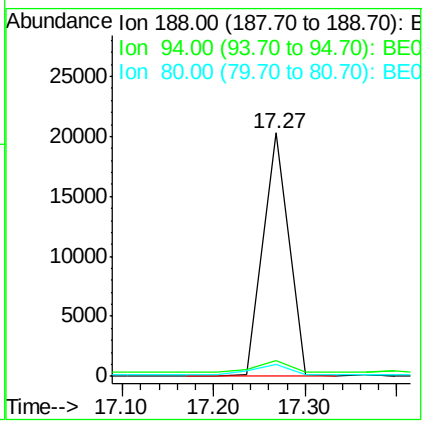


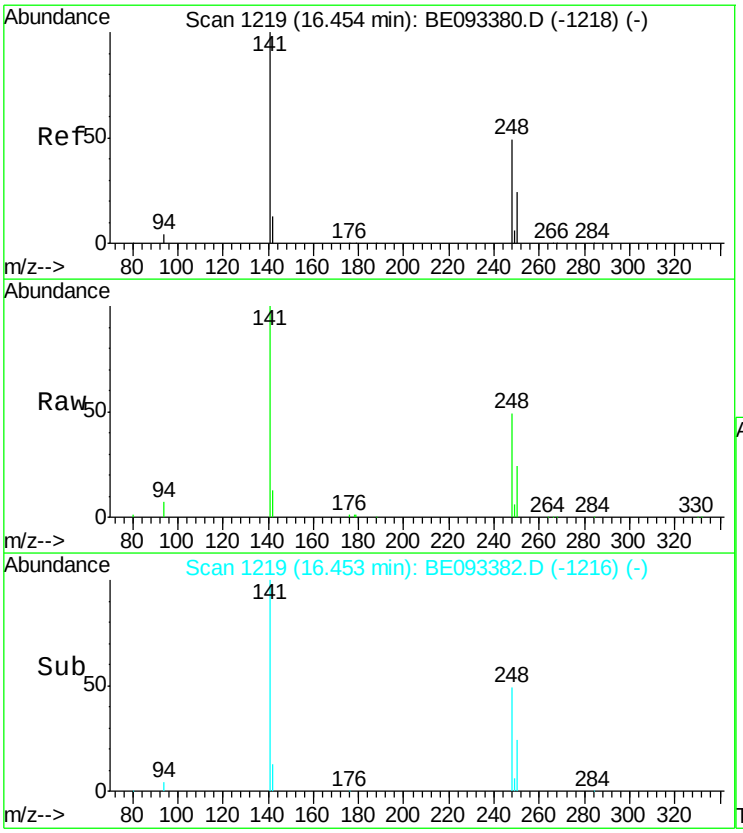
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 39990

Ion	Ratio	Lower	Upper
188	100		
94	6.6	11.3	16.9#
80	4.6	11.7	17.5#

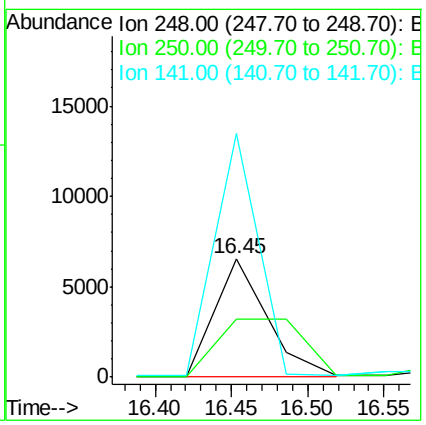


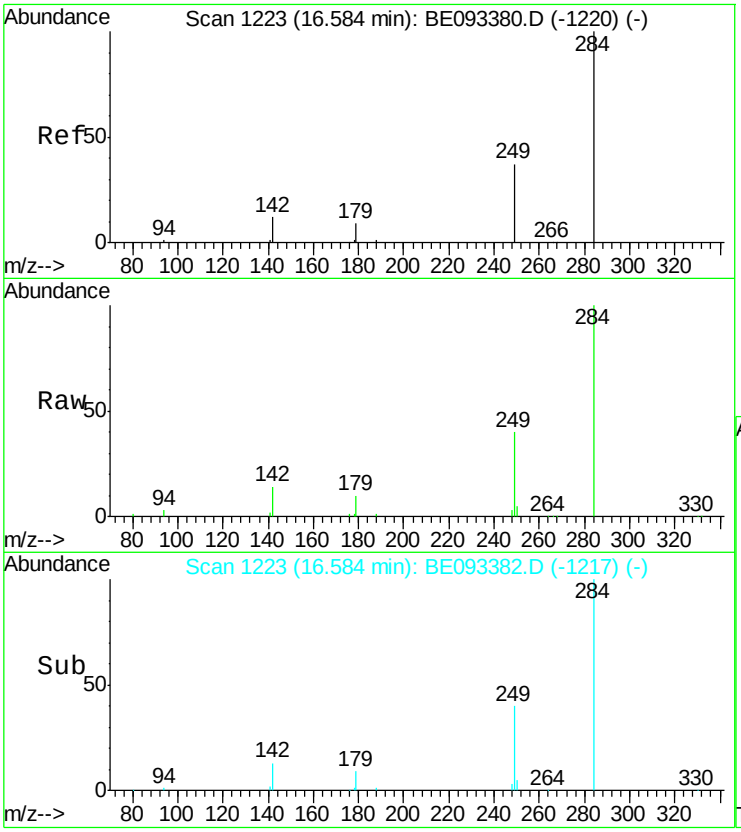


#20
4-Bromophenyl-phenylether
Concen: 0.632 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:248 Resp: 15399

Ion	Ratio	Lower	Upper
248	100		
250	48.8	40.8	61.2
141	205.0	161.6	242.4



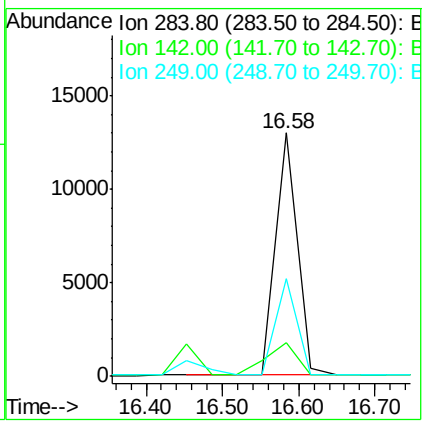


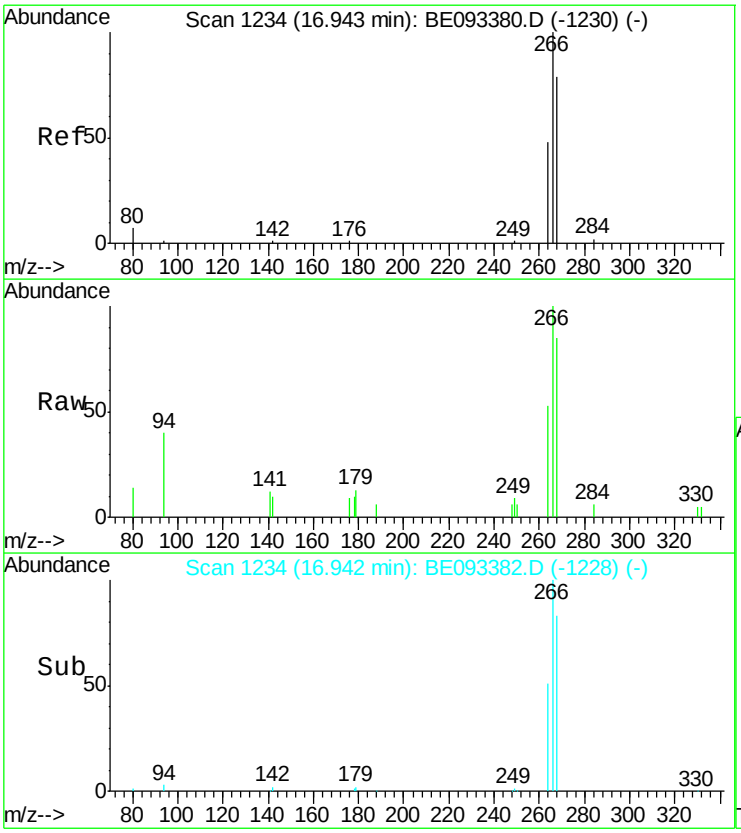
#21
Hexachlorobenzene
Concen: 1.221 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 26171

Ion	Ratio	Lower	Upper
284	100		
142	18.7	0.0	0.0#
249	38.8	0.0	0.0#

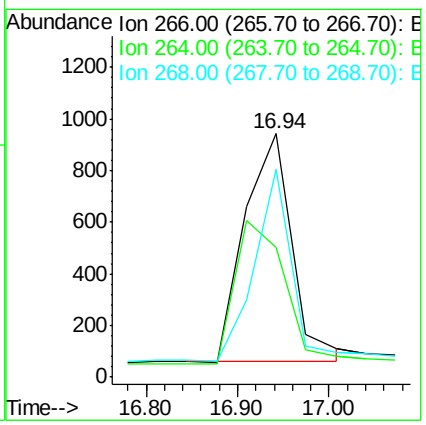


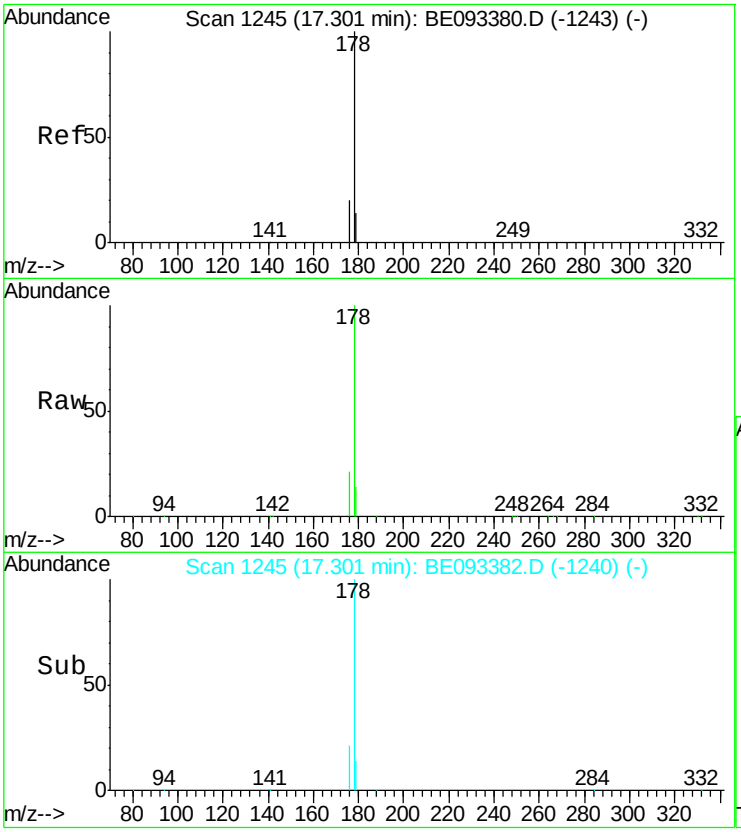


#22
Pentachlorophenol
Concen: 0.465 ng
RT: 16.94 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:266 Resp: 3213

Ion	Ratio	Lower	Upper
266	100		
264	53.2	58.2	87.2#
268	85.2	71.9	107.9



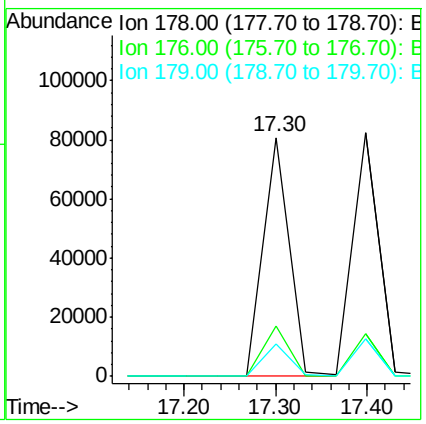


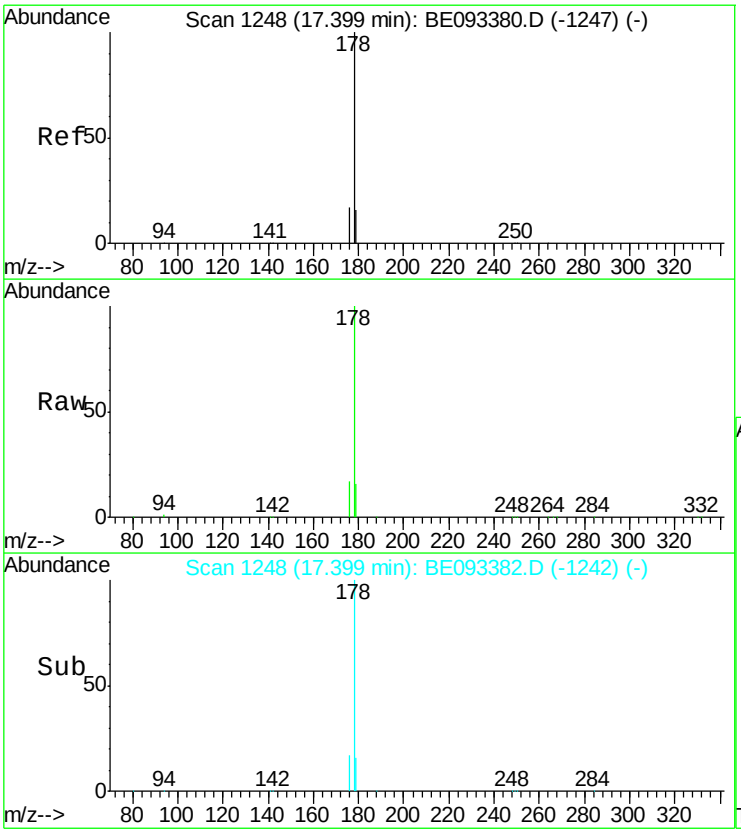
#23
Phenanthrene
Concen: 0.894 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 161640

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.0	22.4
179	13.8	12.7	19.1

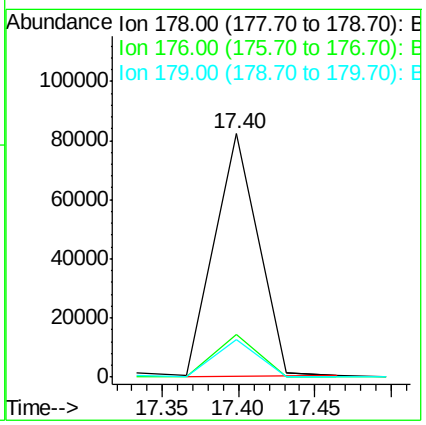


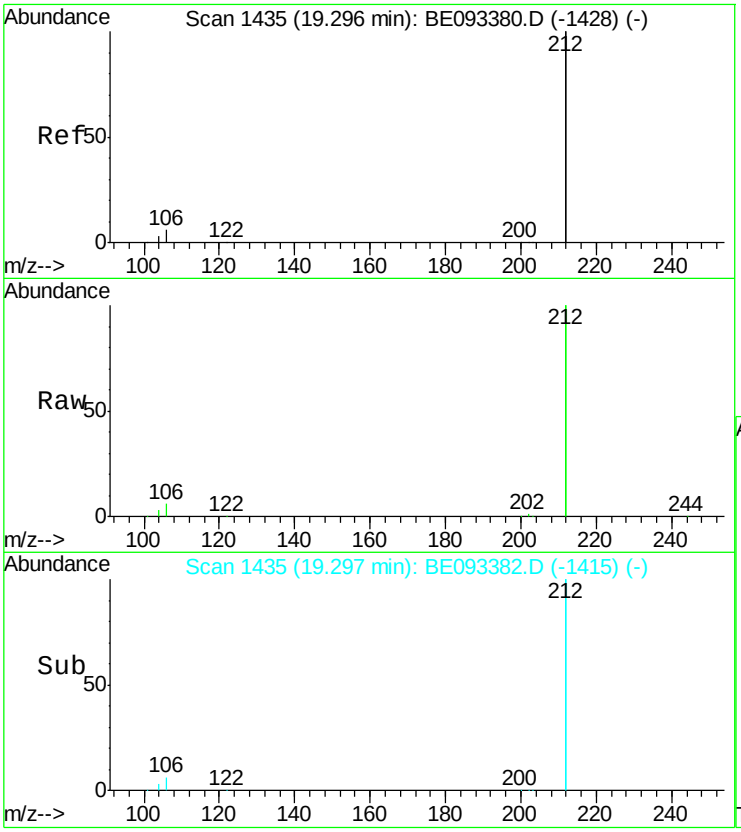


#24
Anthracene
Concen: 1.059 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:178 Resp: 162148

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.6	22.0
179	15.6	12.0	18.0



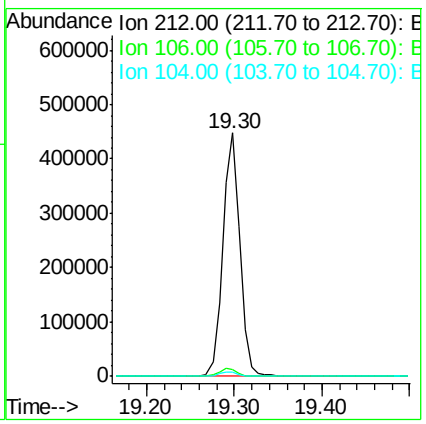


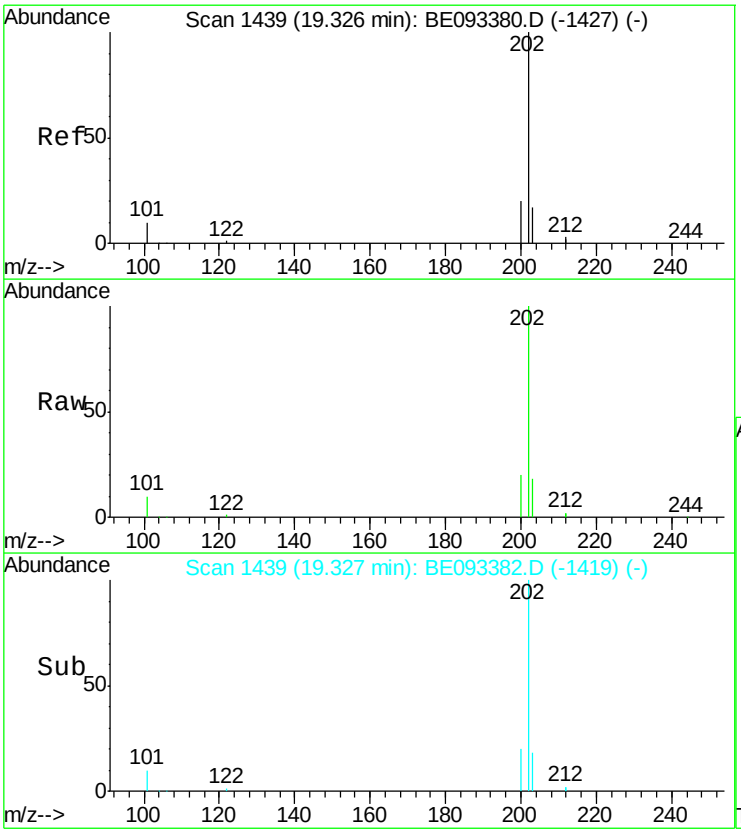
#25
Fluoranthene-d10
Concen: 4.581 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 603690

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

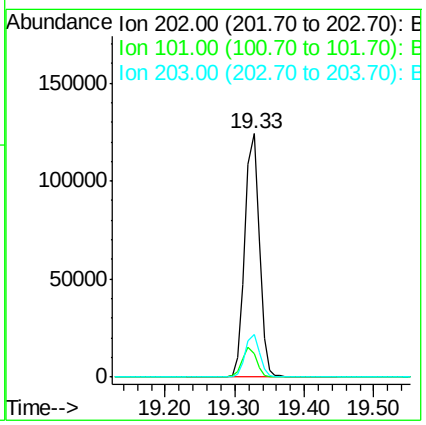


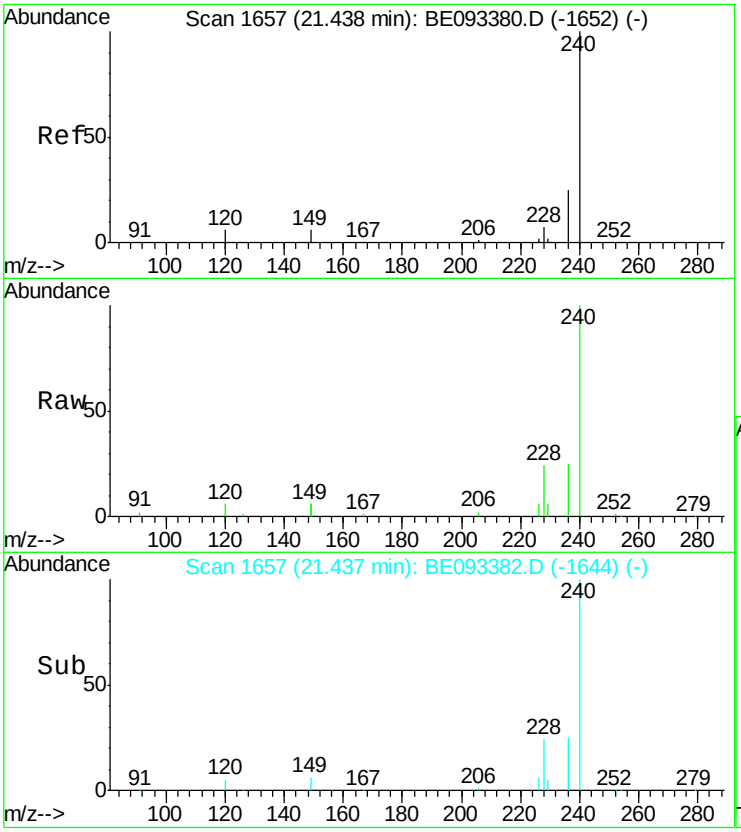


#26
Fluoranthene
Concen: 0.263 ng
RT: 19.33 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:202 Resp: 172441

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	17.3	14.4	21.6



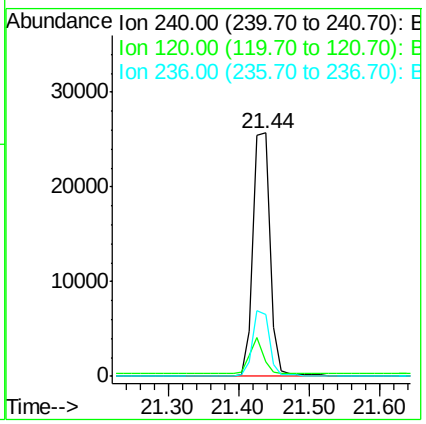


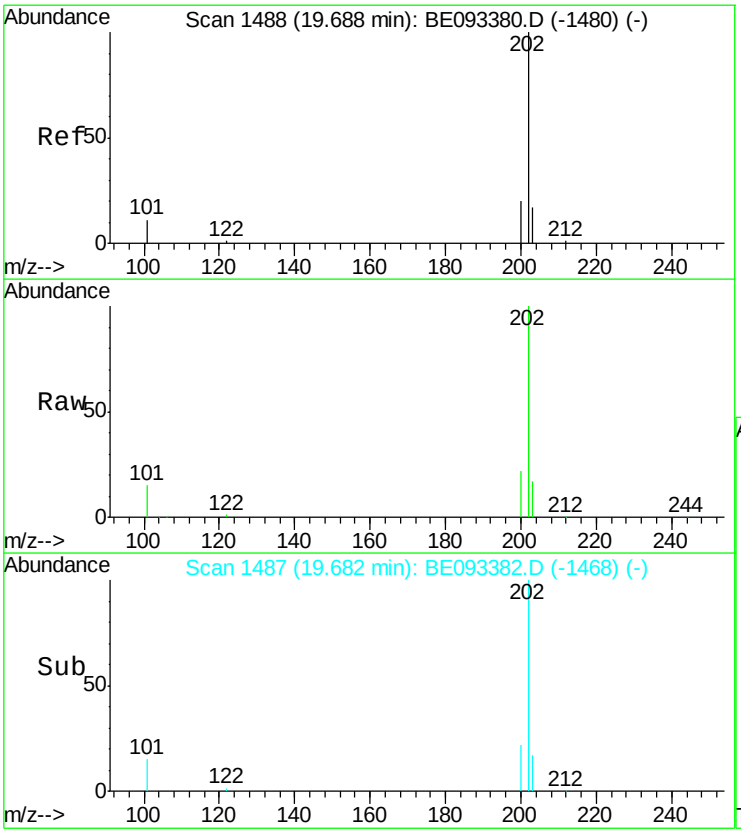
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 41581

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.6	7.0
236	25.2	20.8	31.2

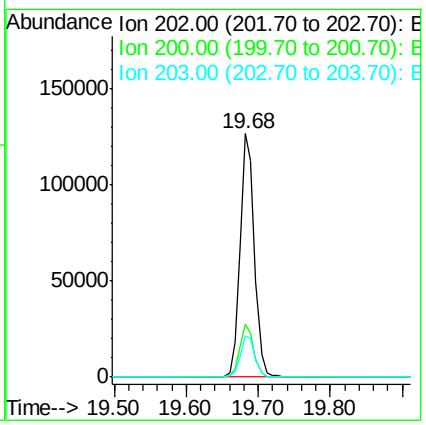


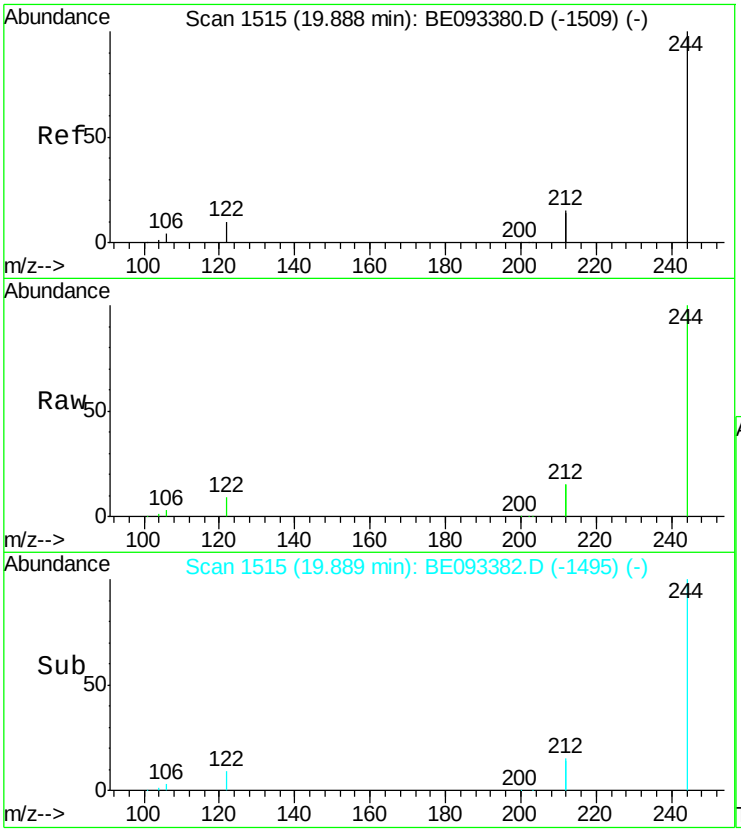


#28
Pyrene
Concen: 0.346 ng
RT: 19.68 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:202 Resp: 175094

Ion	Ratio	Lower	Upper
202	100		
200	21.1	0.0	0.0#
203	17.5	13.7	20.5



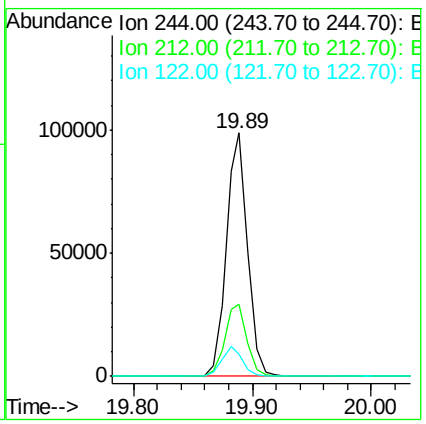


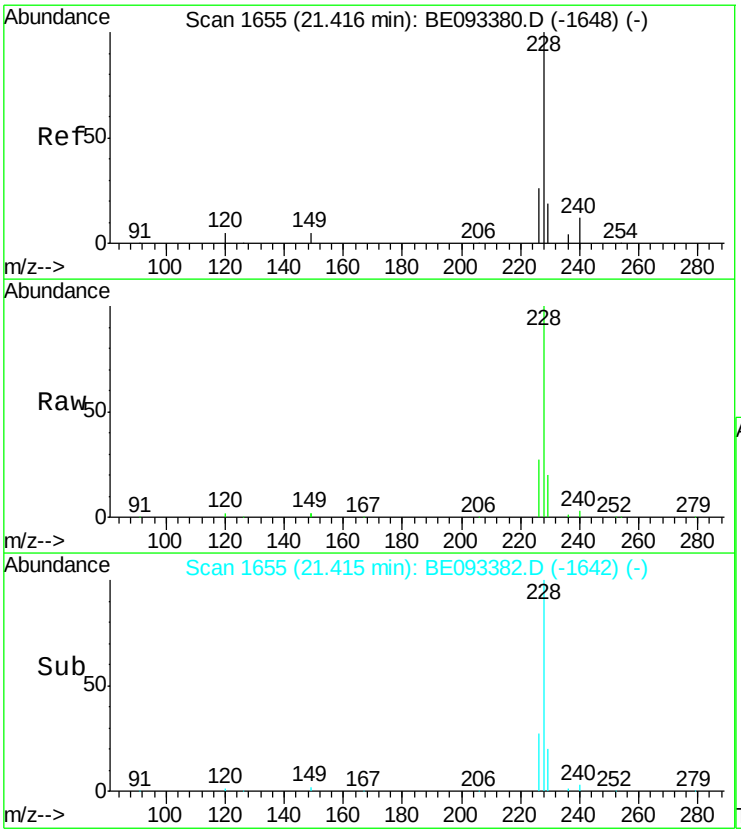
#29
Terphenyl-d14
Concen: 1.545 ng
RT: 19.89 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 123925

Ion	Ratio	Lower	Upper
244	100		
212	29.5	10.6	16.0#
122	9.2	15.4	23.0#

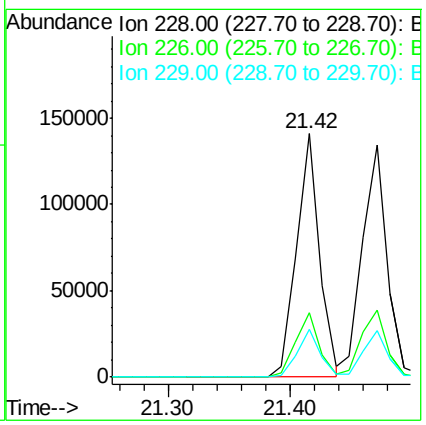


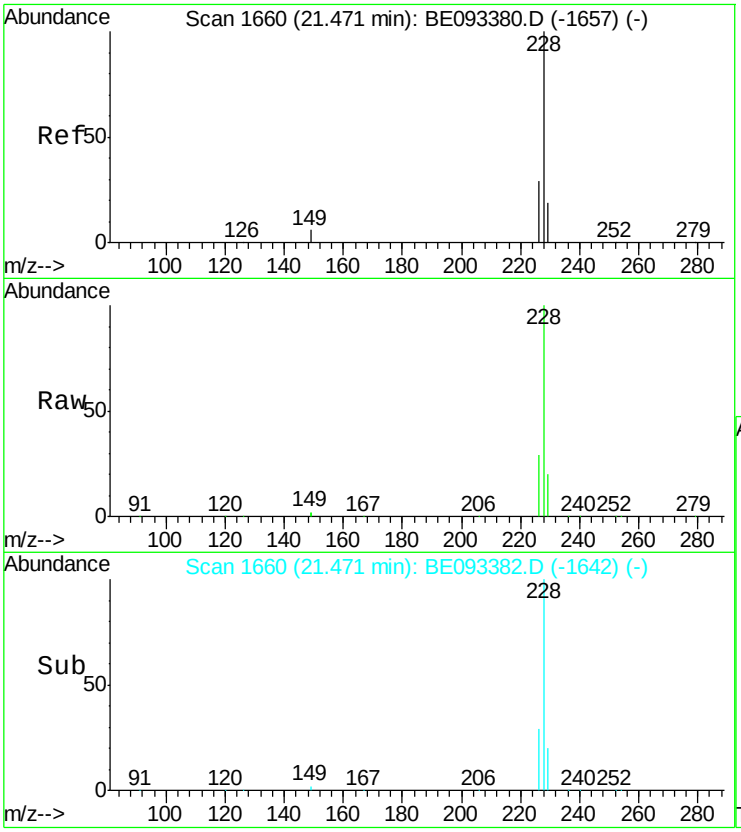


#30
Benzo(a)anthracene
Concen: 1.632 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:228 Resp: 183103

Ion	Ratio	Lower	Upper
228	100		
226	26.6	19.7	29.5
229	19.7	19.2	28.8



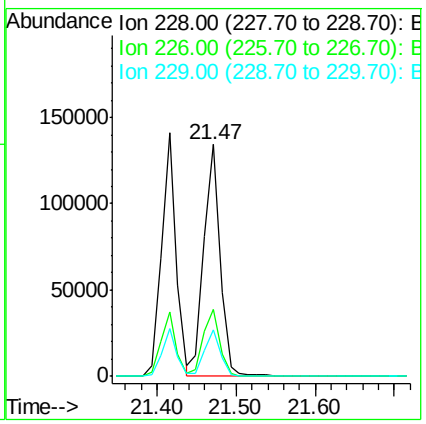


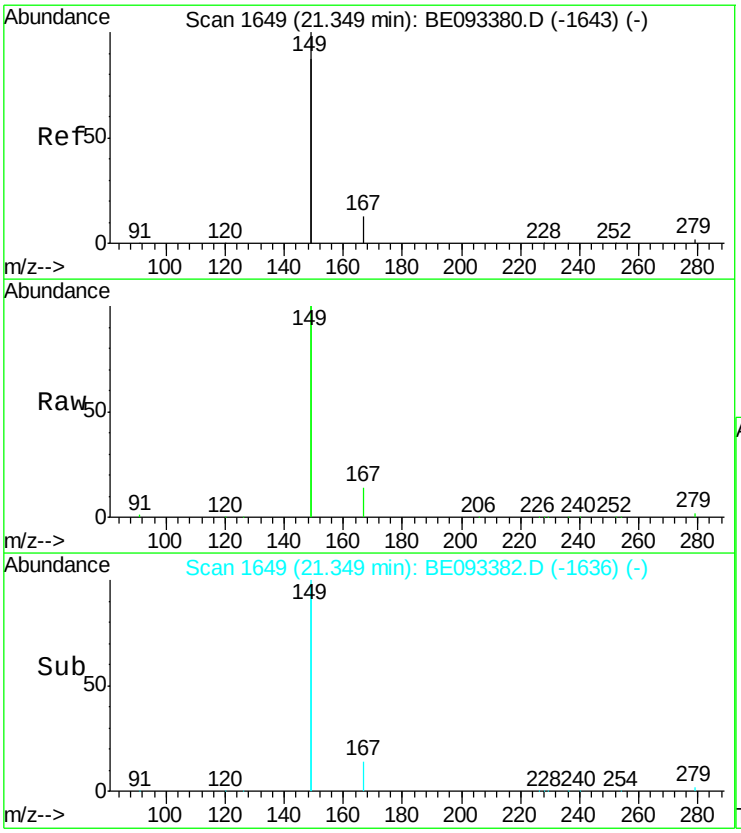
#31
Chrysene
Concen: 1.587 ng
RT: 21.47 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 190259

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.5	32.3
229	19.9	18.6	28.0

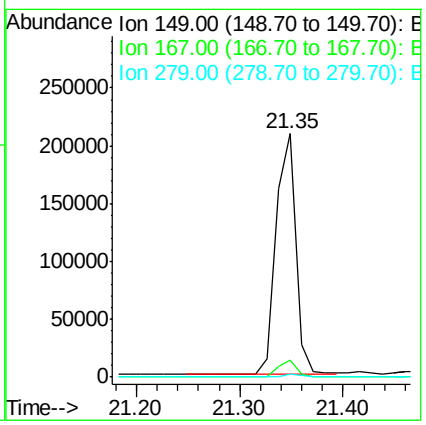


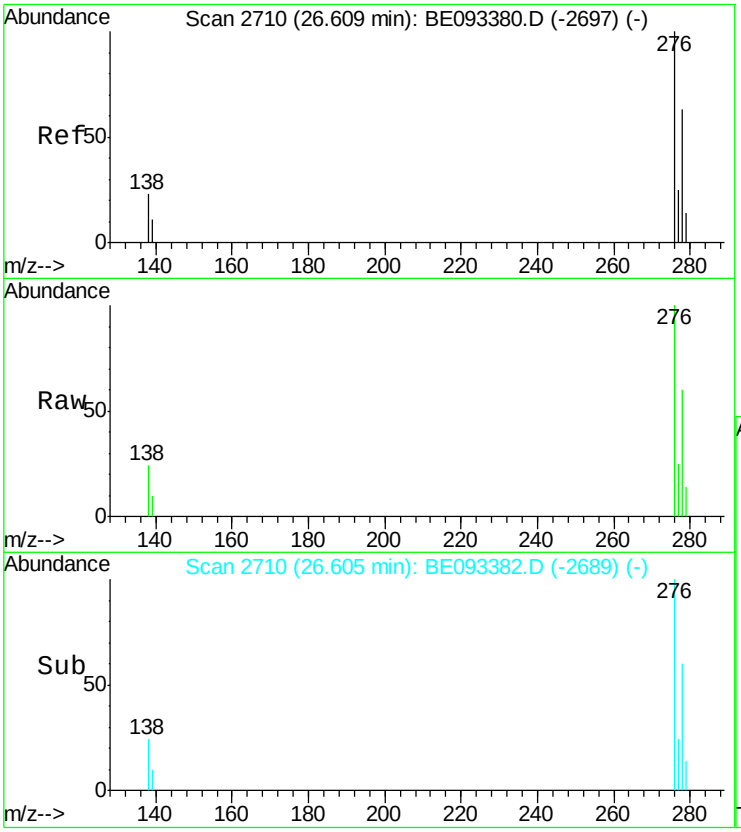


#32
Bis(2-ethylhexyl)phthalate
Concen: 5.017 ng
RT: 21.35 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:149 Resp: 273954

Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	1.0	2.2	3.4#



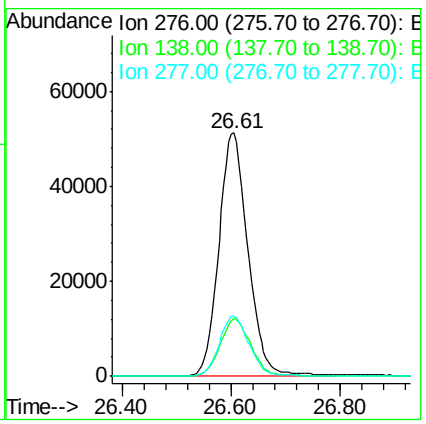


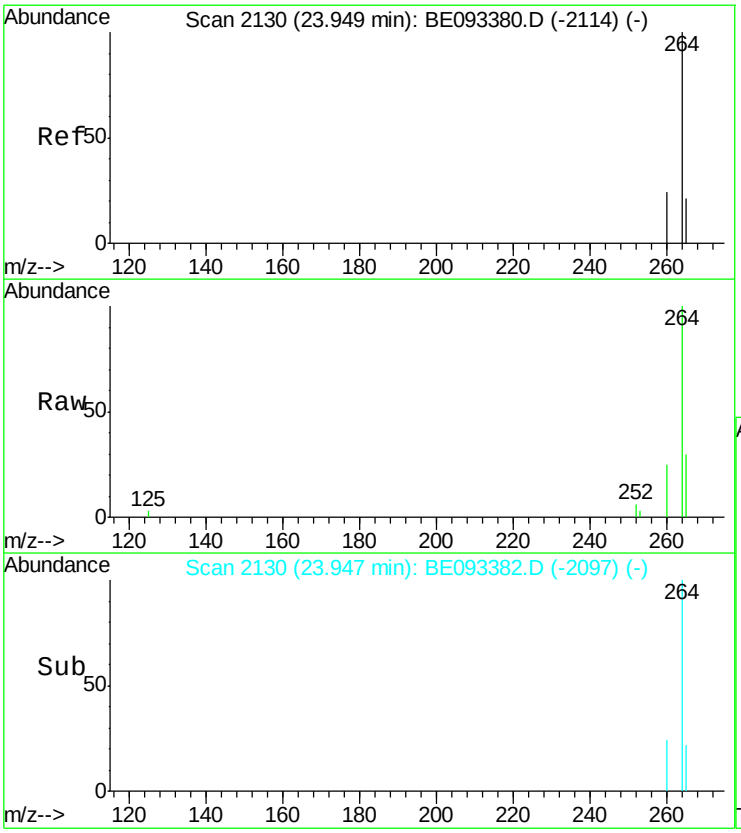
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng
RT: 26.61 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 188858

Ion	Ratio	Lower	Upper
276	100		
138	24.7	27.4	41.2#
277	25.0	20.1	30.1

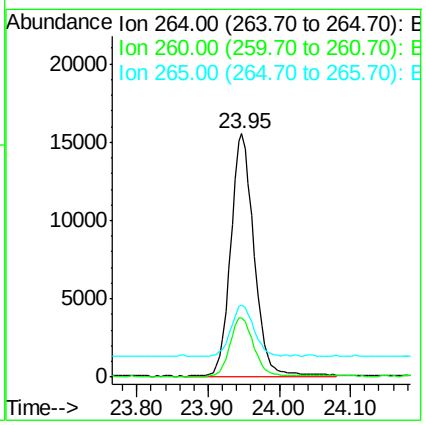


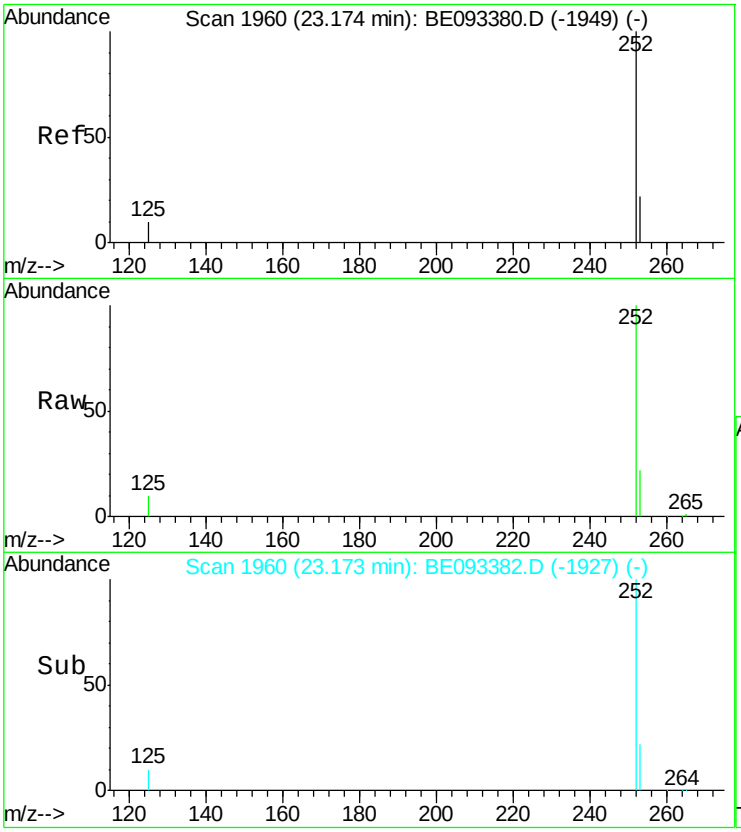


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:264 Resp: 35152

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.0	31.4
265	29.7	24.6	36.8



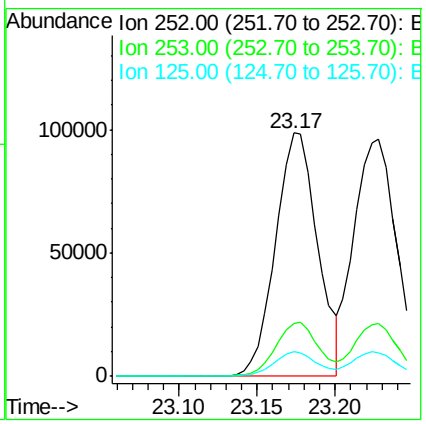


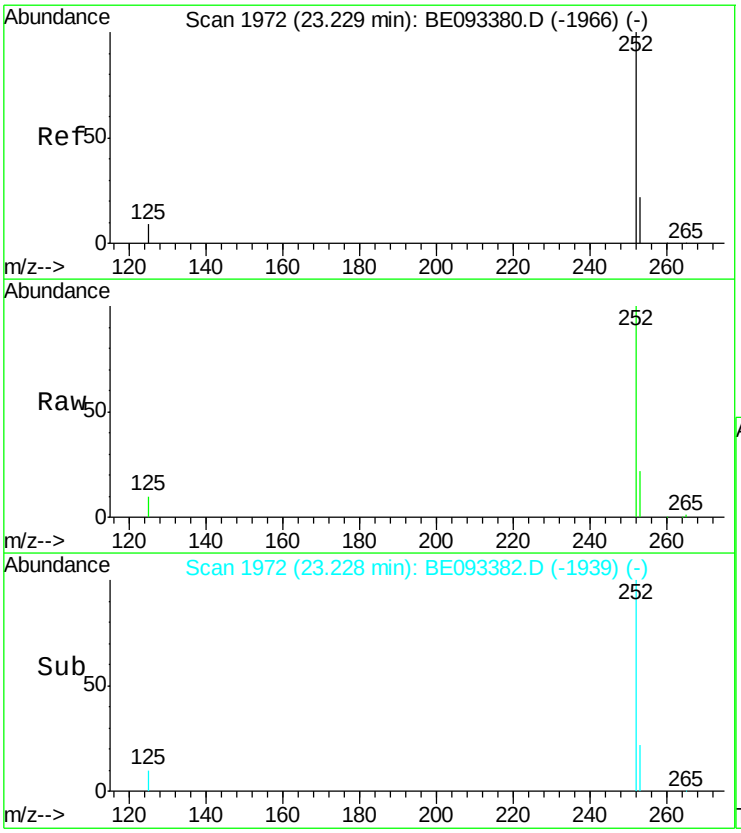
#35
Benzo(b)fluoranthene
Concen: 1.630 ng
RT: 23.17 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 184155

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	10.4	13.4	20.0#

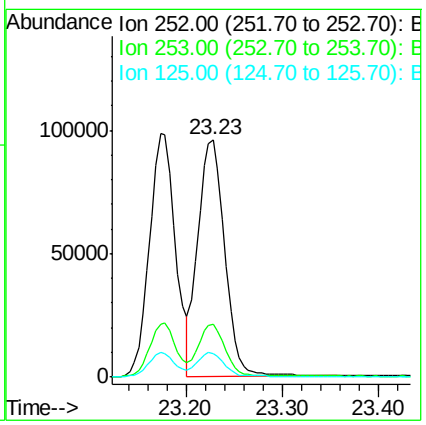


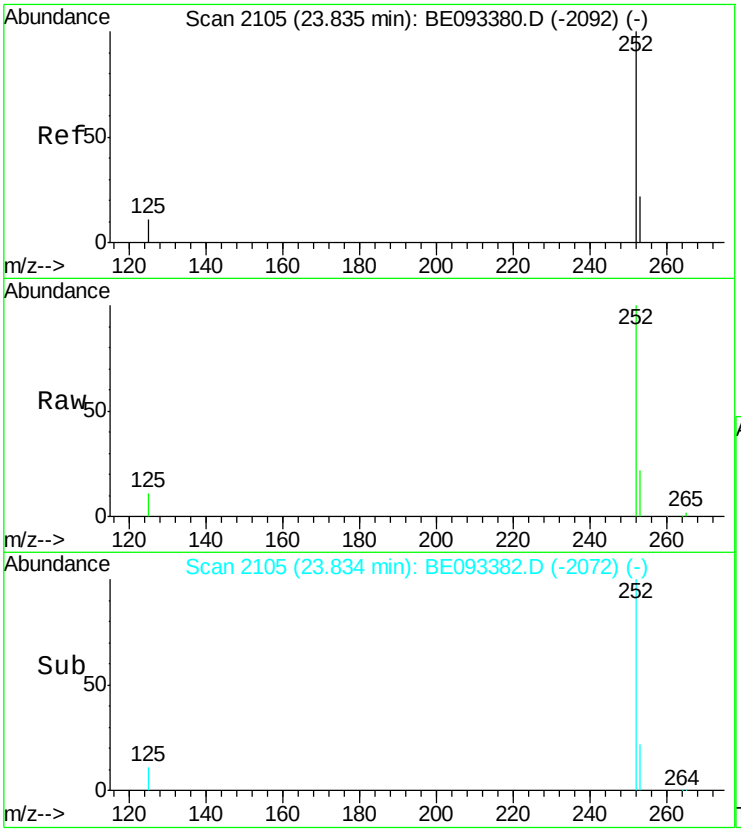


#36
Benzo(k)fluoranthene
Concen: 1.697 ng
RT: 23.23 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:252 Resp: 184876

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.3	30.5
125	10.0	12.2	18.4#



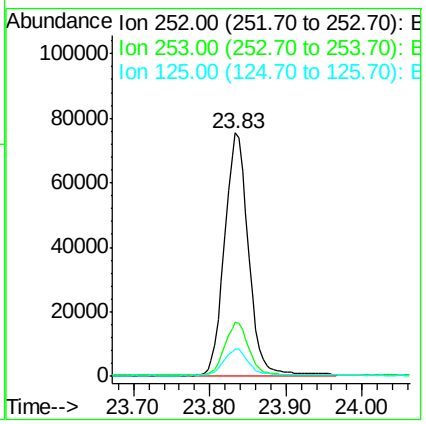


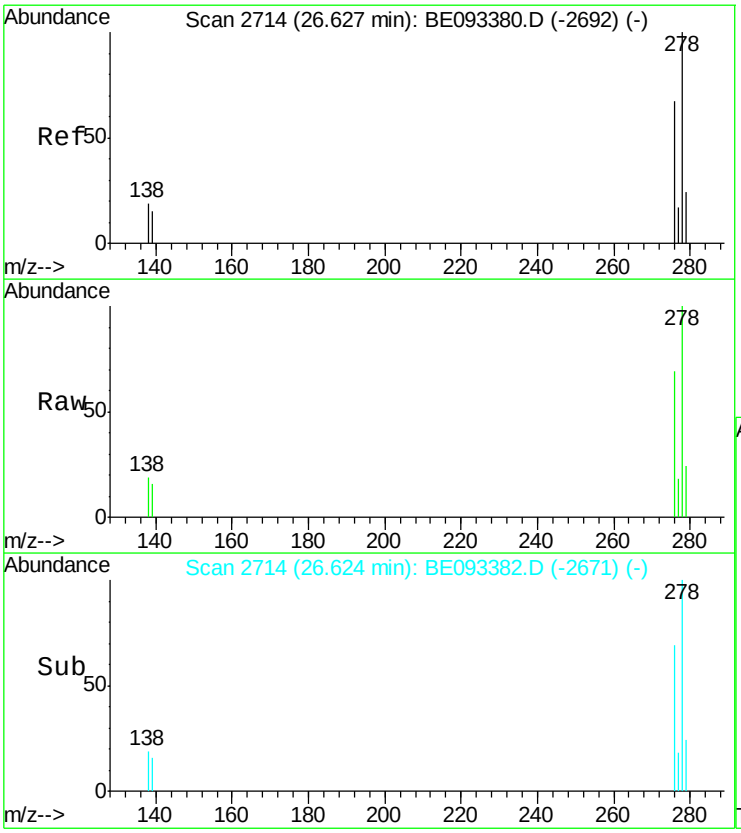
#37
Benzo(a)pyrene
Concen: 1.689 ng
RT: 23.83 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 164907

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.9	29.9
125	11.1	14.6	21.8#

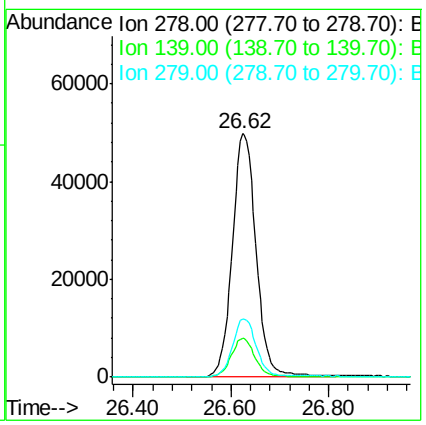


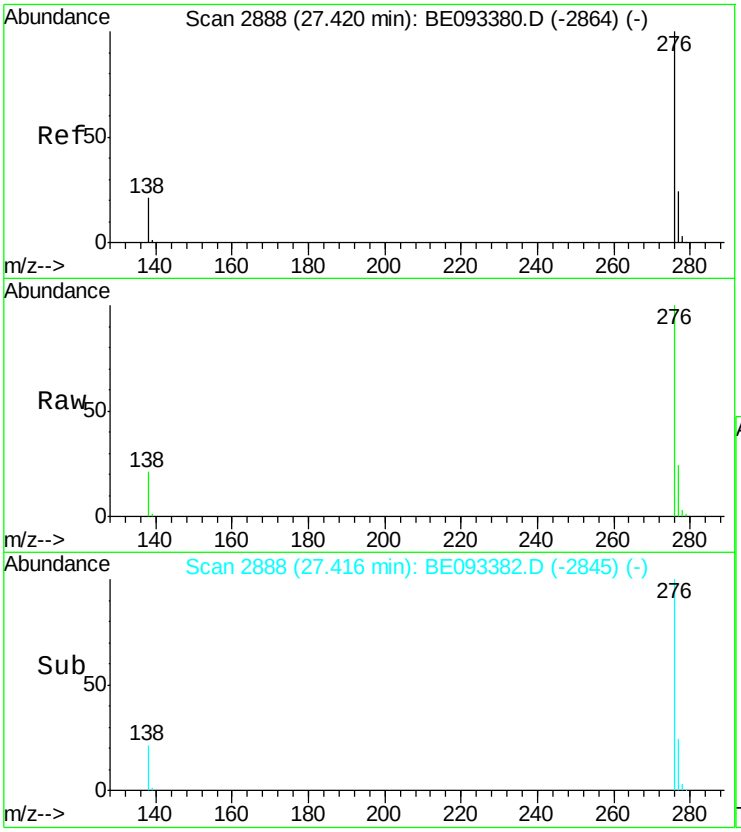


#38
Dibenzo(a,h)anthracene
Concen: 1.662 ng
RT: 26.62 min Scan# 2714
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Tgt Ion:278 Resp: 169170

Ion	Ratio	Lower	Upper
278	100		
139	15.9	21.4	32.0#
279	24.0	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.410 ng
RT: 27.42 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BE093382.D
Acq: 30 Jun 2017 18:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 168606

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.2	31.8
138	20.8	24.5	36.7#