Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093378.D
Acq On : 30 Jun 2017 15:56
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Jun 30 18:54:01 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	7.95	152	3172	0.40	ng		0.00
7) Naphthalene-d8	10.74	136	15233	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	9548	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	38493	0.40	ng		0.00
27) Chrysene-d12	21.44	240	38537	0.40	ng		0.00
34) Perylene-d12	23.95	264	35625	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1017	0.11	ng		0.00
5) Phenol-d6	7.10	99	1519	0.11	ng		0.00
8) Nitrobenzene-d5	9.09	82	980	0.08	ng		0.00
11) 2-Methylnaphthalene-d10	12.32	152	2319	0.10	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	348	0.16	ng		0.00
15) 2-Fluorobiphenyl	13.19	172	3625	0.09	ng		0.01
25) Fluoranthene-d10	19.30	212	34348	0.27	ng		0.00
29) Terphenyl-d14	19.89	244	6950	0.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	725	0.103	ng	#	91
3) n-Nitrosodimethylamine	3.79	42	267	0.044	ng	#	75
6) bis(2-Chloroethyl)ether	7.36	93	1012	0.085	ng	#	91
9) Naphthalene	10.79	128	15791	0.386	ng	#	74
10) Hexachlorobutadiene	11.08	225	605	0.109	ng		92
12) 2-Methylnaphthalene	12.39	142	2559	0.101	ng		96
16) Acenaphthylene	14.27	152	3865	0.023	ng	#	86
17) Acenaphthene	14.61	154	2800	0.090	ng		97
18) Fluorene	15.59	166	3840	0.103	ng	#	86
20) 4-Bromophenyl-phenylether	16.45	248	729	0.031	ng	#	51
21) Hexachlorobenzene	16.58	284	1207	0.059	ng	#	100
22) Pentachlorophenol	16.94	266	153	0.023	ng		97
23) Phenanthrene	17.30	178	8247	0.047	ng		95
24) Anthracene	17.40	178	9092	0.062	ng		98
26) Fluoranthene	19.33	202	9683	0.015	ng	#	99
28) Pyrene	19.69	202	9983	0.021	ng	#	97
30) Benzo(a)anthracene	21.42	228	10423	0.100	ng		93
31) Chrysene	21.47	228	10749	0.097	ng		92
32) Bis(2-ethylhexyl)phthalate	21.35	149	16416	0.324	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.61	276	10381	0.025	ng	#	92
35) Benzo(b)fluoranthene	23.23	252	10228	0.089	ng		94
36) Benzo(k)fluoranthene	23.23	252	10478	0.095	ng		97
37) Benzo(a)pyrene	23.84	252	9367	0.095	ng	#	94
38) Dibenzo(a,h)anthracene	26.64	278	9248	0.090	ng	#	90
39) Benzo(g,h,i)perylene	27.43	276	9707	0.023	ng	#	91

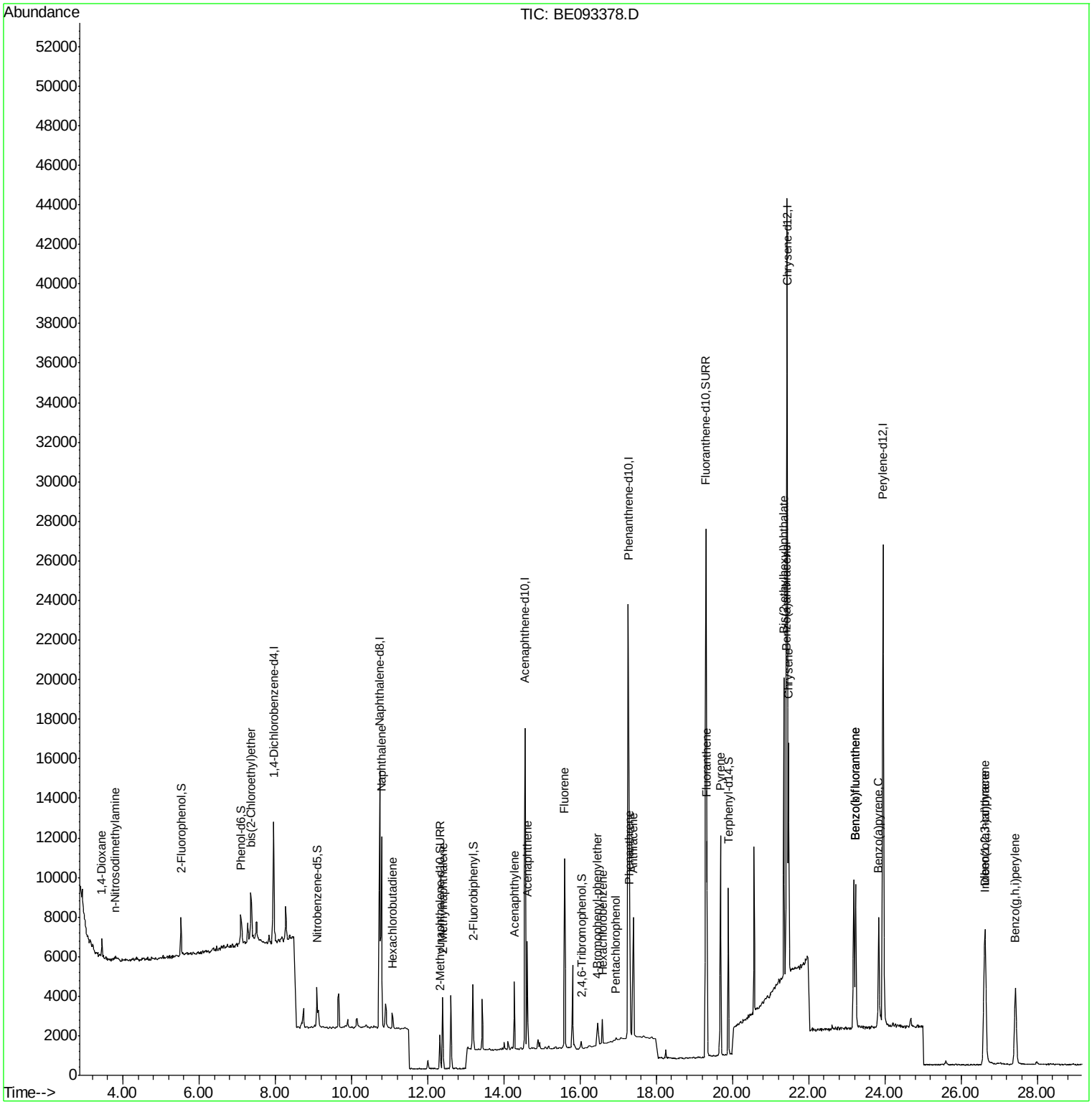
(#) = qualifier out of range (m) = manual integration (+) = signals summed

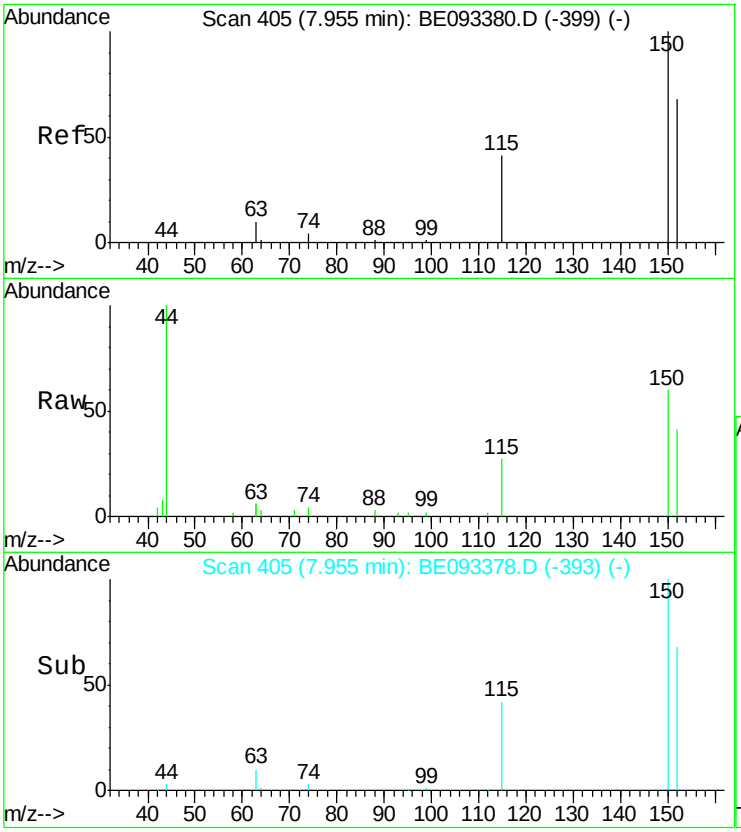
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093378.D
Acq On : 30 Jun 2017 15:56
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 30 18:54:01 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



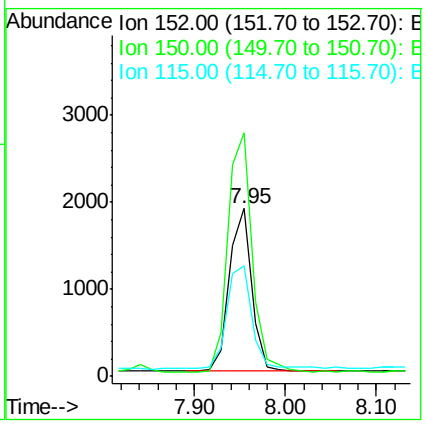


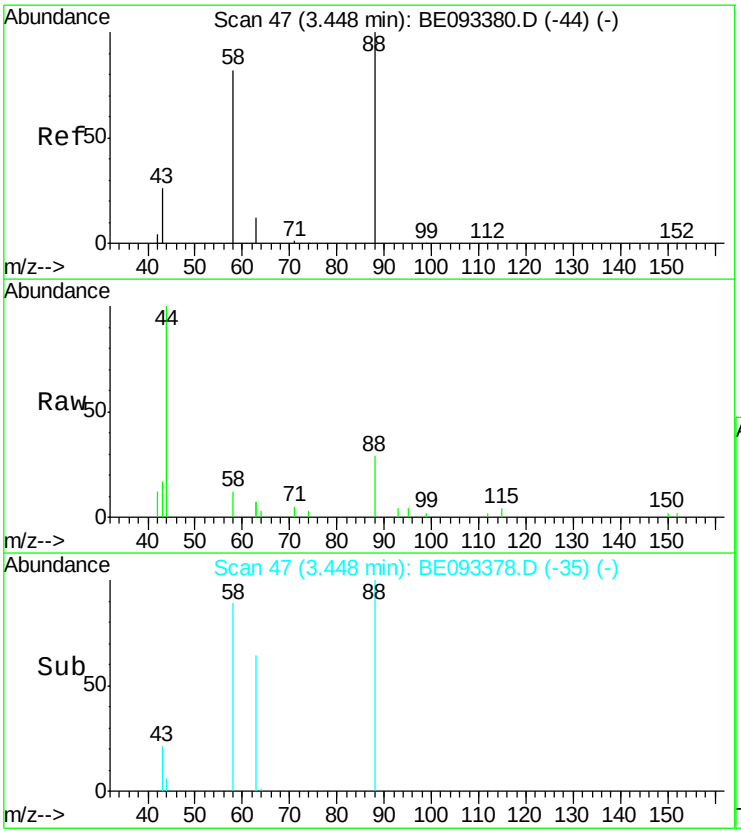
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 405
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3172

Ion	Ratio	Lower	Upper
152	100		
150	145.4	125.1	187.7
115	65.6	55.7	83.5

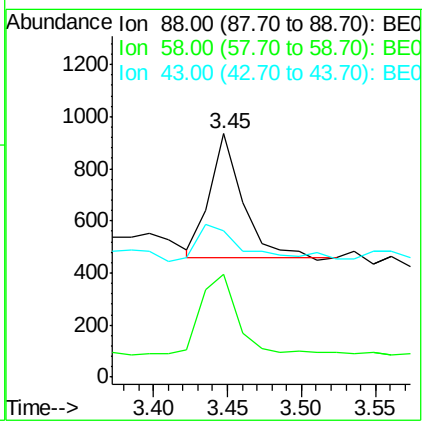


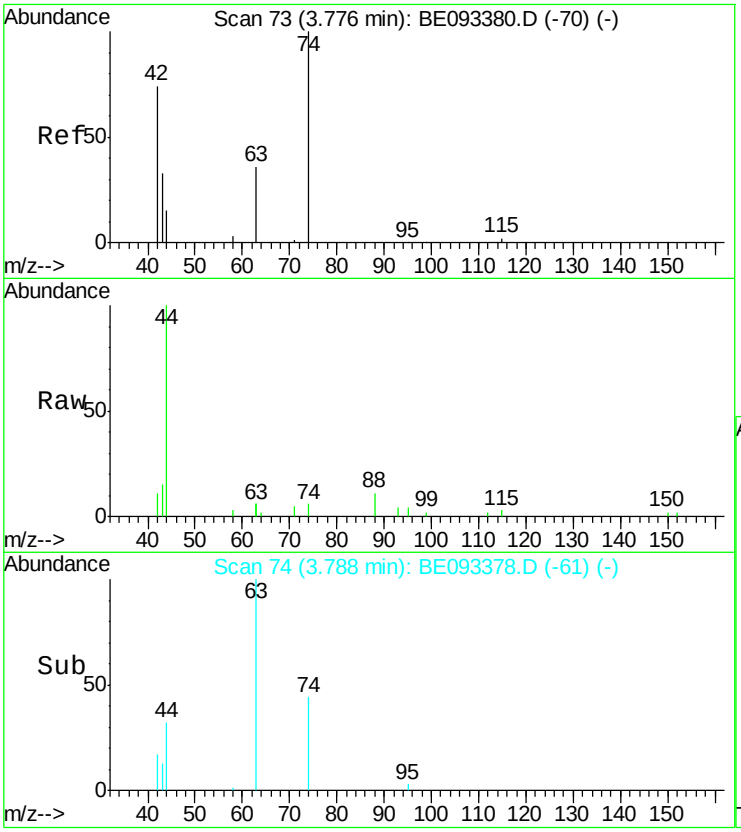


#2
1,4-Dioxane
Concen: 0.103 ng
RT: 3.45 min Scan# 47
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion: 88 Resp: 725

Ion	Ratio	Lower	Upper
88	100		
58	77.8	62.2	93.4
43	47.6	23.2	34.8#



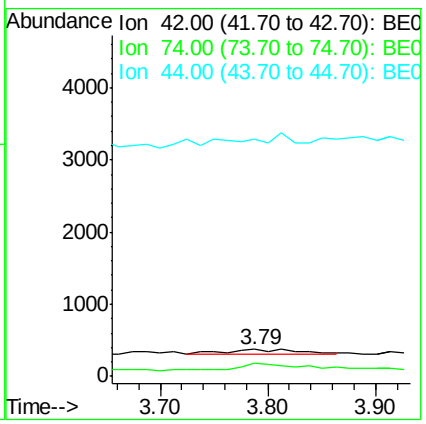


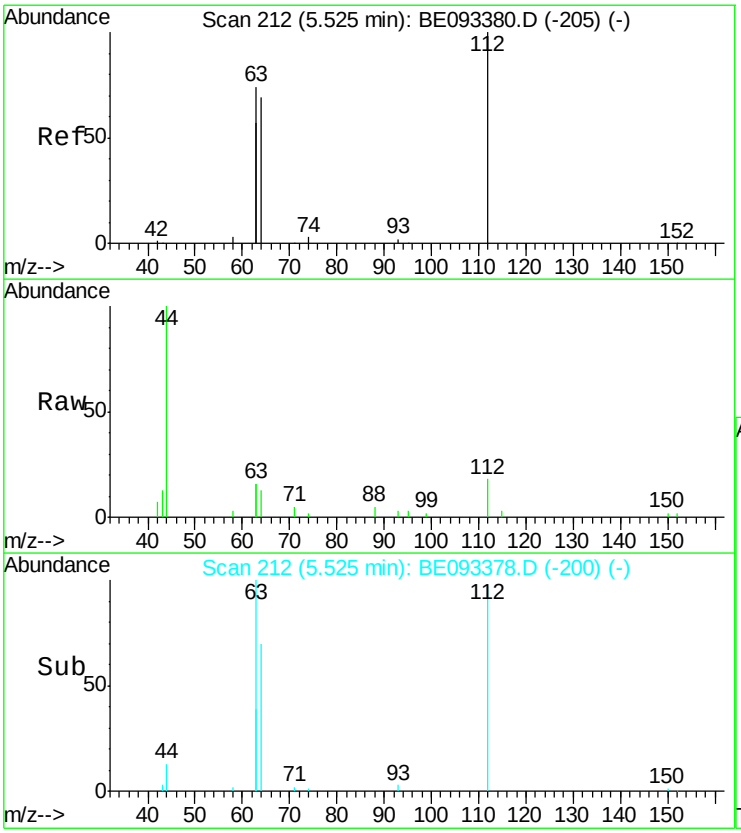
#3
n-Nitrosodimethylamine
Concen: 0.044 ng
RT: 3.79 min Scan# 74
Delta R.T. 0.01 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 267

Ion	Ratio	Lower	Upper
42	100		
74	151.7	99.1	148.7#
44	0.0	7.4	11.2#

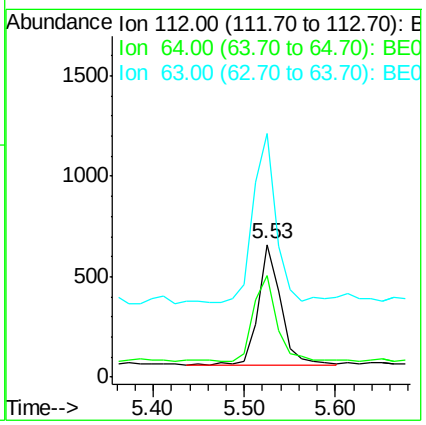


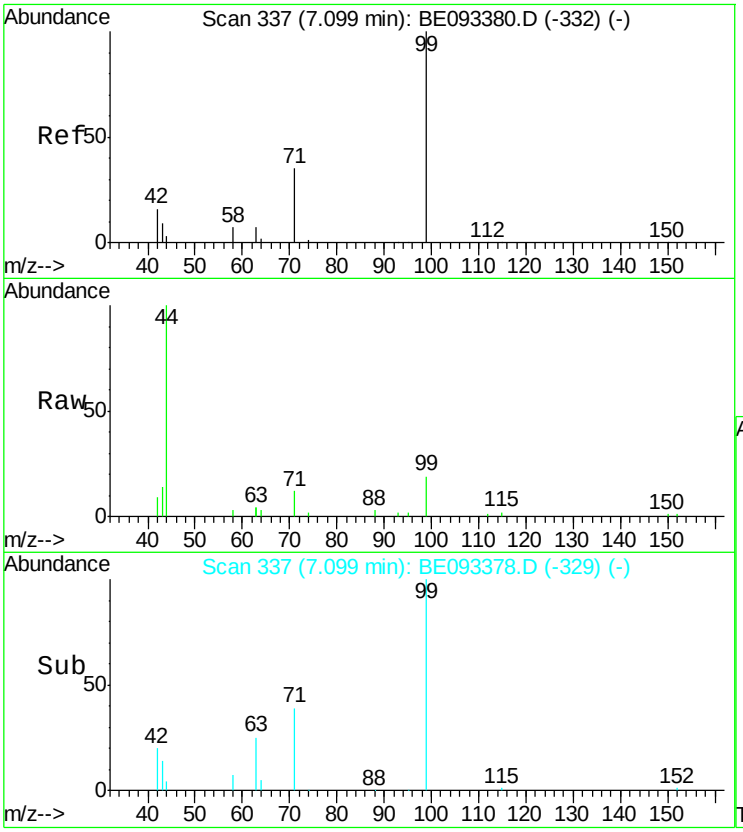


#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:112 Resp: 1017

Ion	Ratio	Lower	Upper
112	100		
64	76.2	56.4	84.6
63	146.6	29.3	43.9#



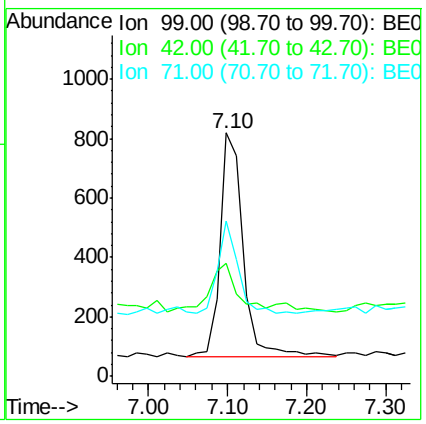


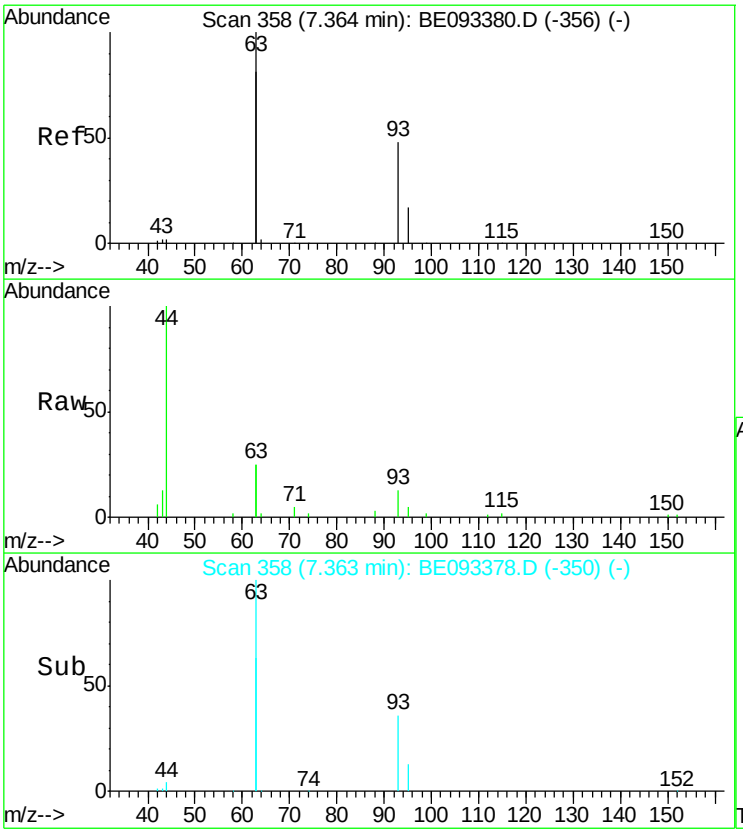
#5
Phenol-d6
Concen: 0.111 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1519

Ion	Ratio	Lower	Upper
99	100		
42	20.0	0.0	0.0#
71	36.7	0.0	0.0#

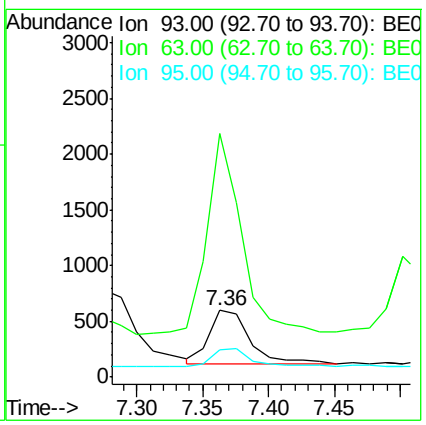


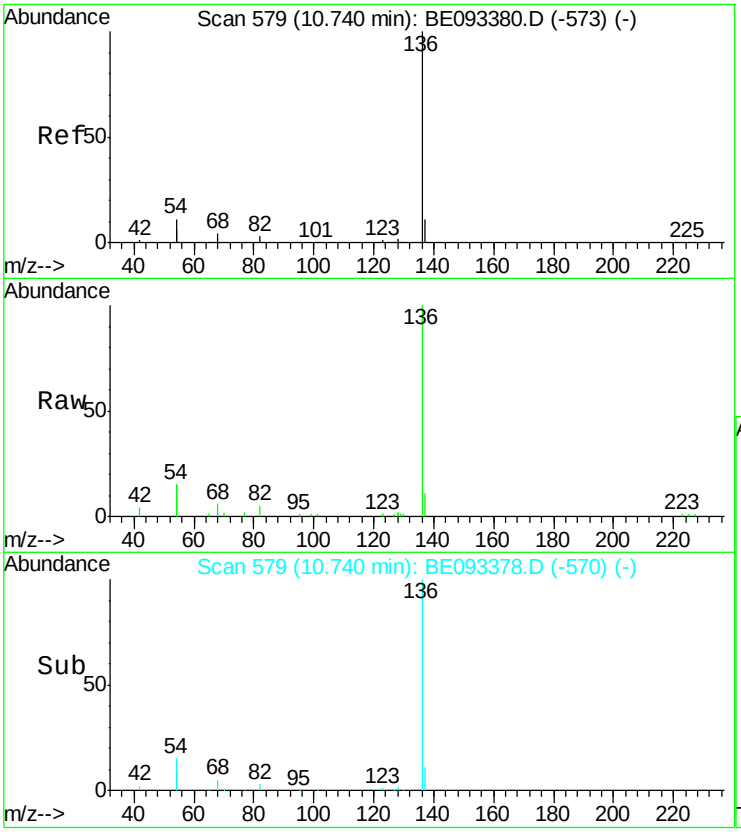


#6
bis(2-Chloroethyl)ether
Concen: 0.085 ng
RT: 7.36 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion: 93 Resp: 1012

Ion	Ratio	Lower	Upper
93	100		
63	317.7	0.0	0.0#
95	36.5	25.4	38.0



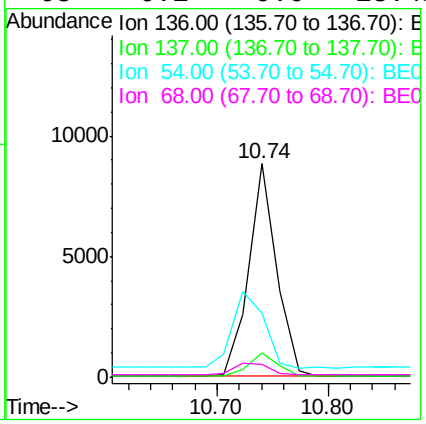


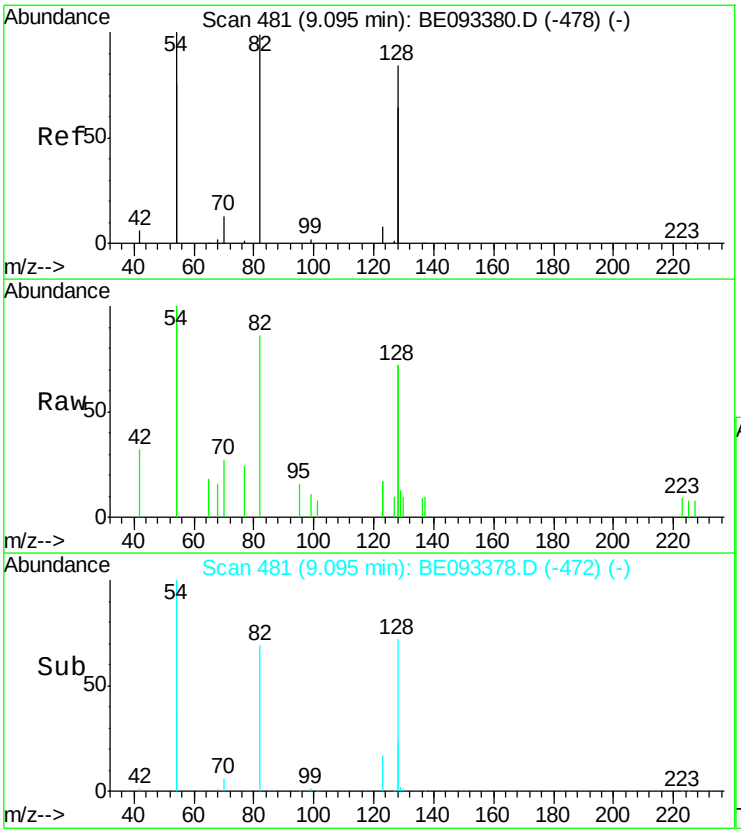
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 15233

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	30.1	10.3	15.5#
68	6.1	9.0	13.4#

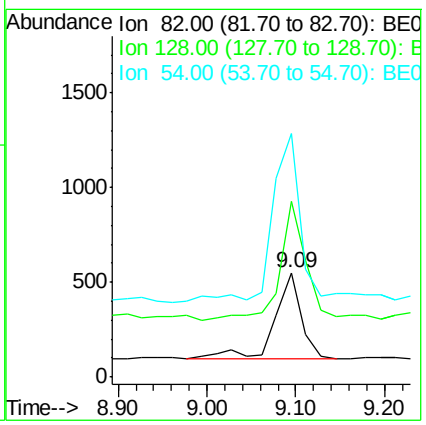


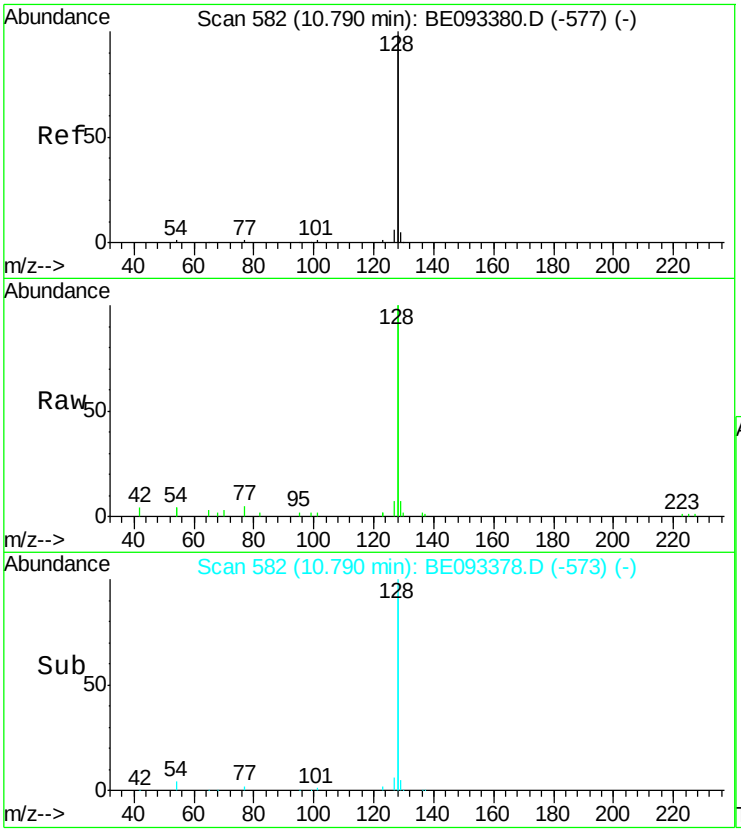


#8
Nitrobenzene-d5
Concen: 0.081 ng
RT: 9.09 min Scan# 481
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion: 82 Resp: 980

Ion	Ratio	Lower	Upper
82	100		
128	168.8	17.0	25.4#
54	233.0	53.8	80.6#



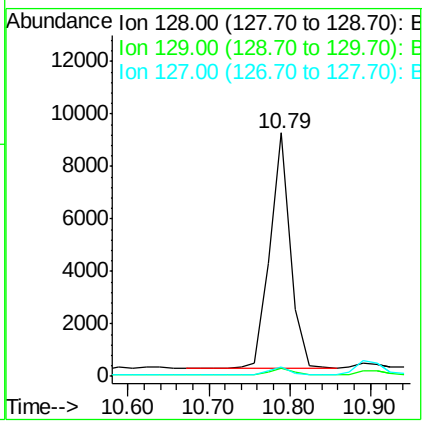


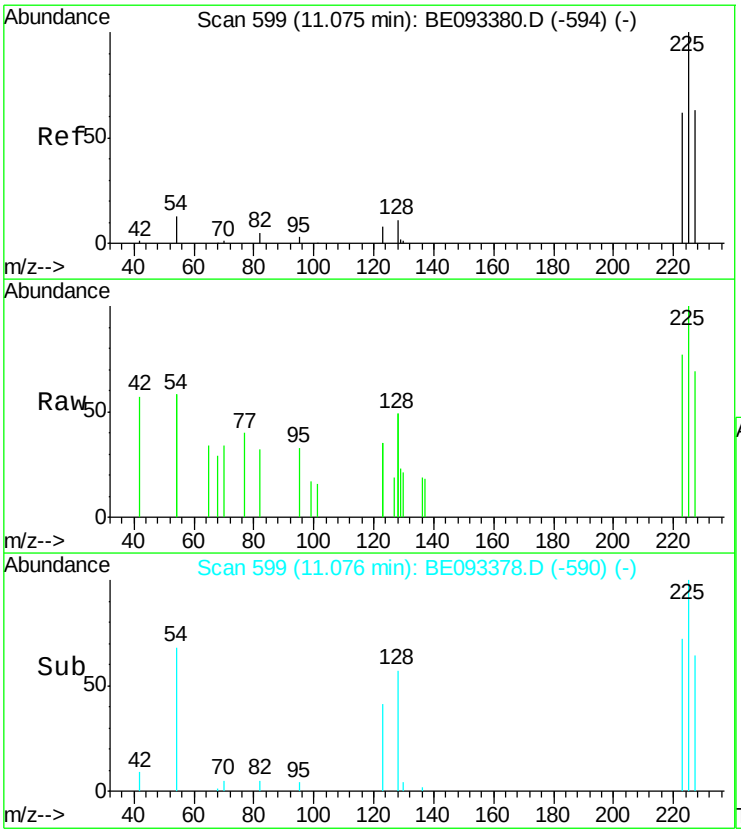
#9
Naphthalene
Concen: 0.386 ng
RT: 10.79 min Scan# 582
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 15791

Ion	Ratio	Lower	Upper
128	100		
129	3.5	11.4	17.0#
127	3.7	11.2	16.8#

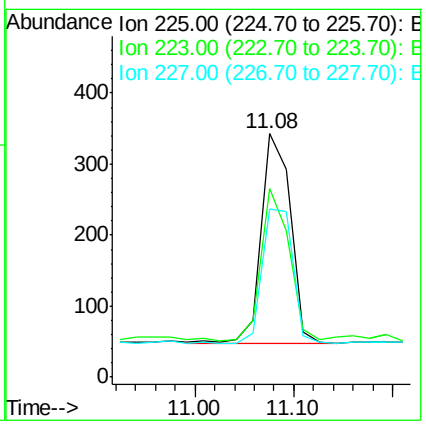


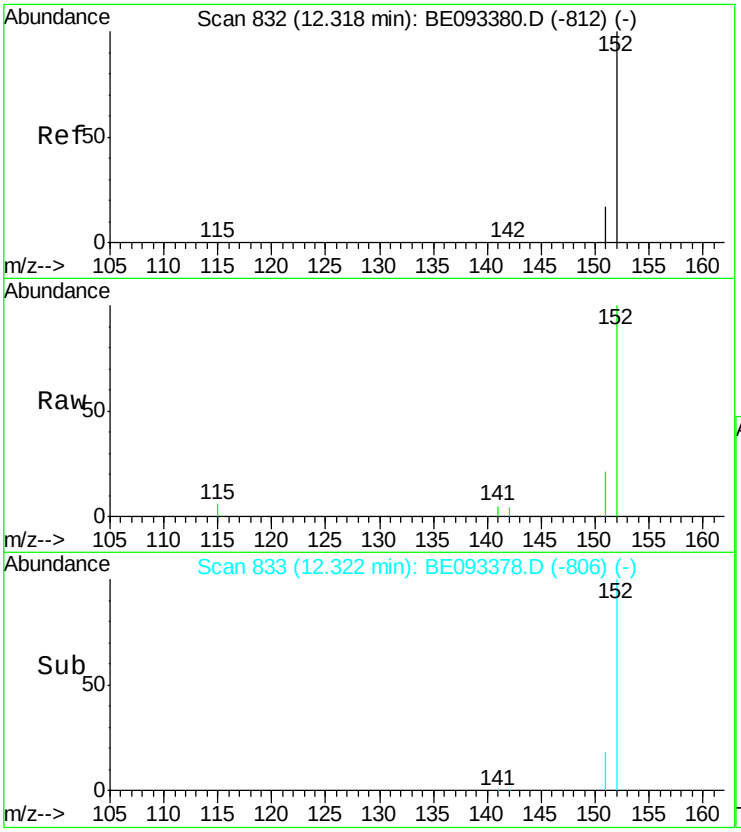


#10
Hexachlorobutadiene
Concen: 0.109 ng
RT: 11.08 min Scan# 599
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:225 Resp: 605

Ion	Ratio	Lower	Upper
225	100		
223	70.7	49.7	74.5
227	66.4	50.3	75.5



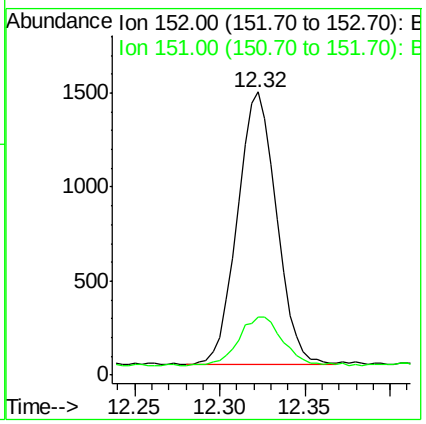


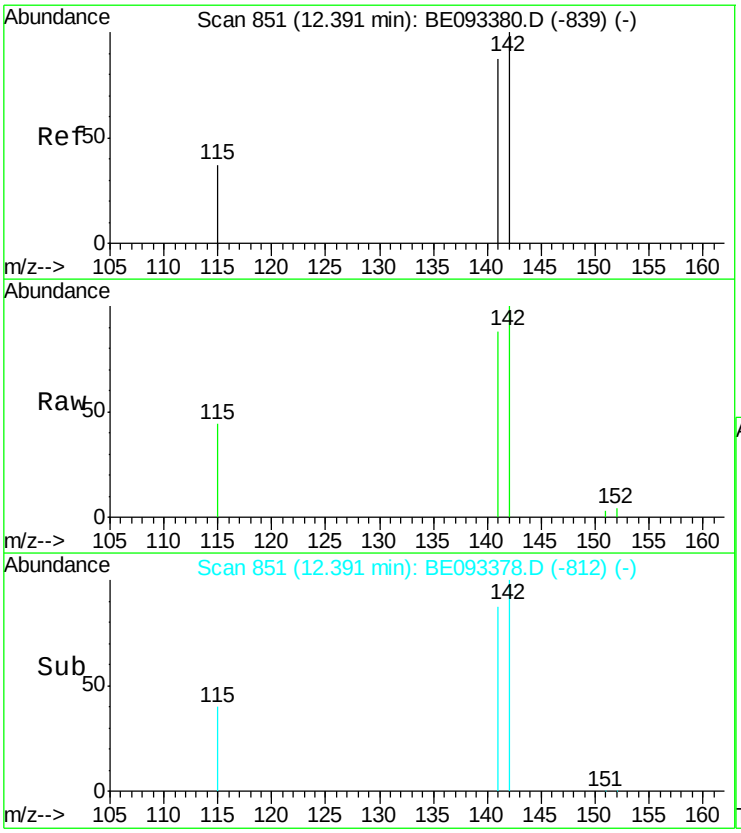
#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 12.32 min Scan# 833
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2319

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.1	22.7

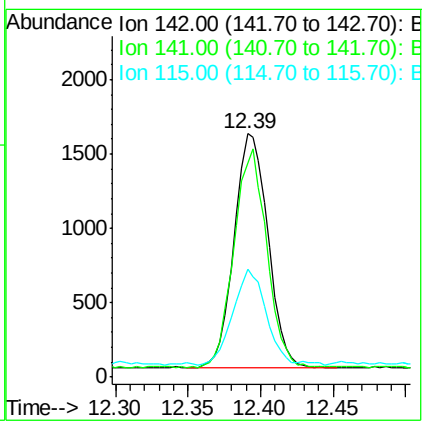


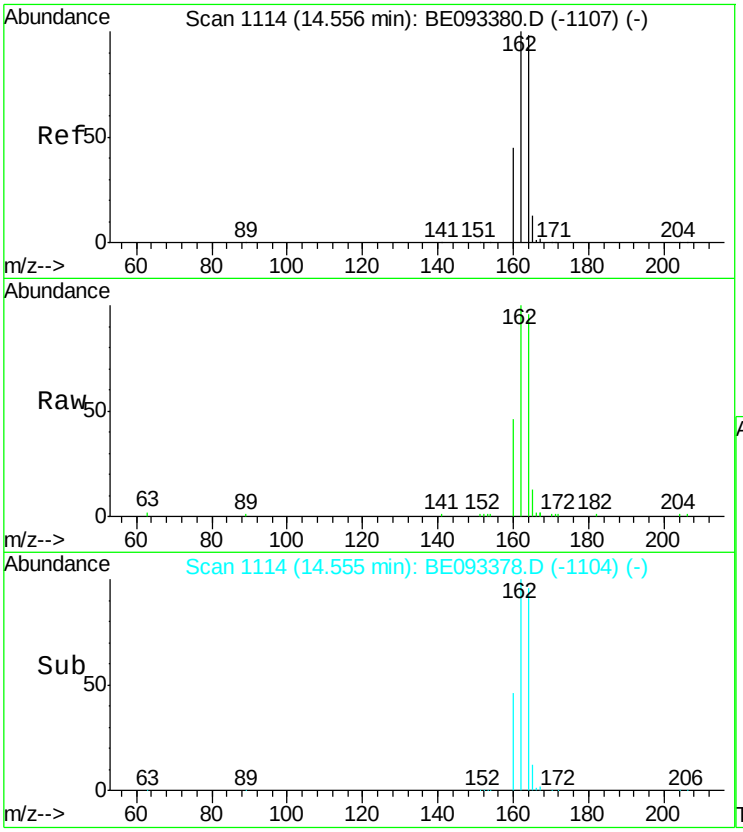


#12
2-Methylnaphthalene
Concen: 0.101 ng
RT: 12.39 min Scan# 851
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:142 Resp: 2559

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8
115	44.2	32.2	48.2



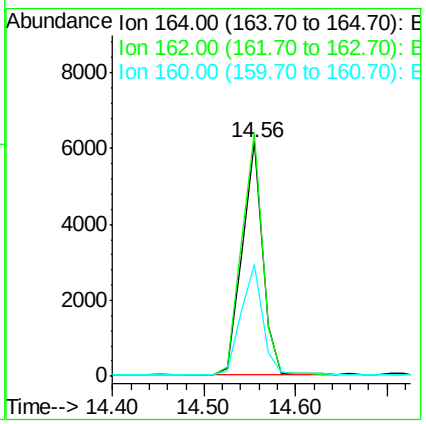


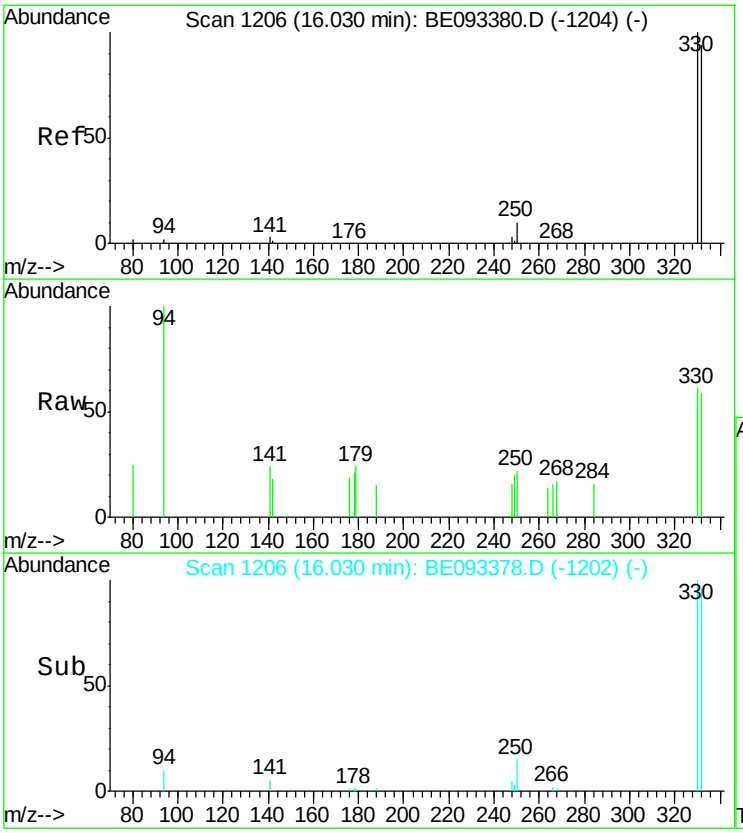
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 9548

Ion	Ratio	Lower	Upper
164	100		
162	104.0	84.6	127.0
160	47.9	41.8	62.6

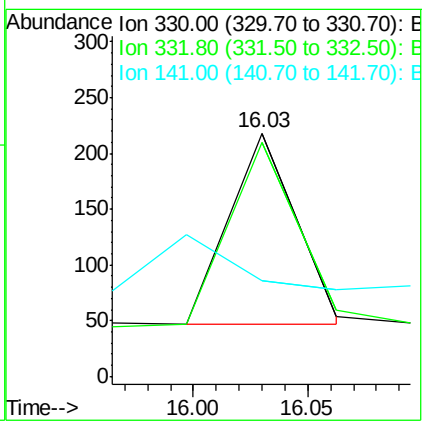


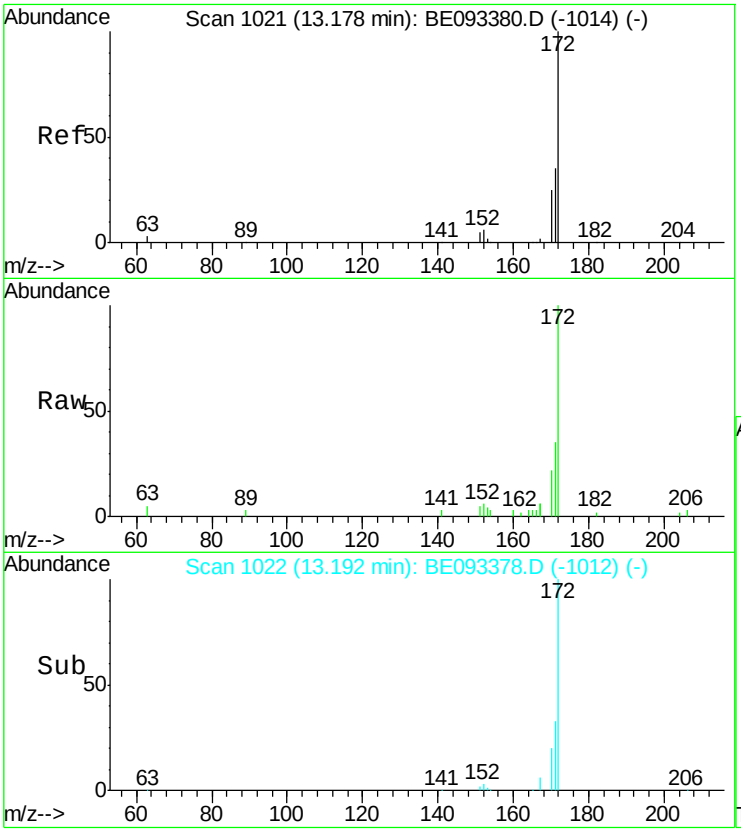


#14
2,4,6-Tribromophenol
Concen: 0.160 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:330 Resp: 348

Ion	Ratio	Lower	Upper
330	100		
332	101.7	77.7	116.5
141	0.0	56.2	84.4#



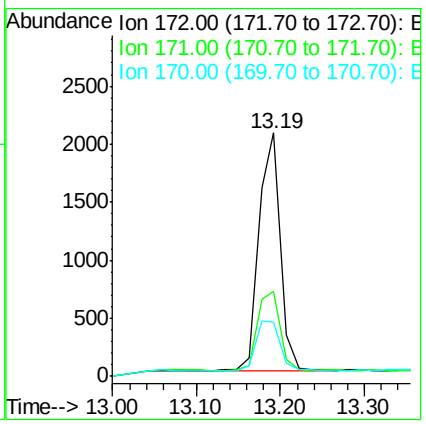


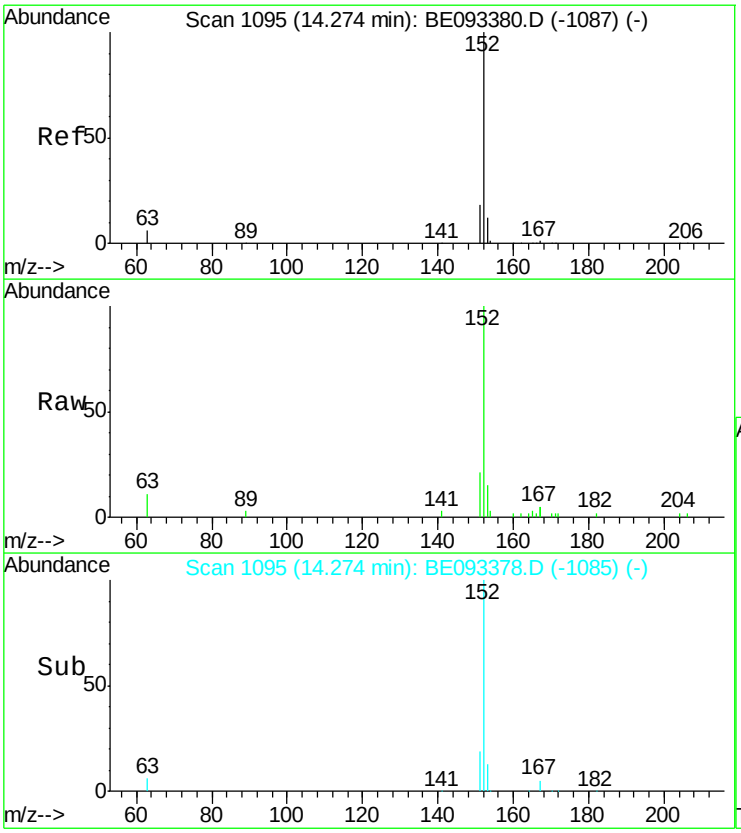
#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 13.19 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3625

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.8	44.6
170	22.3	20.7	31.1

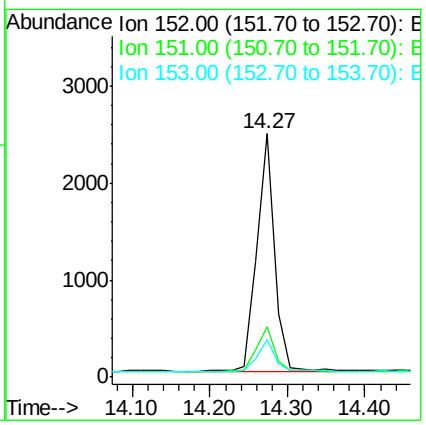


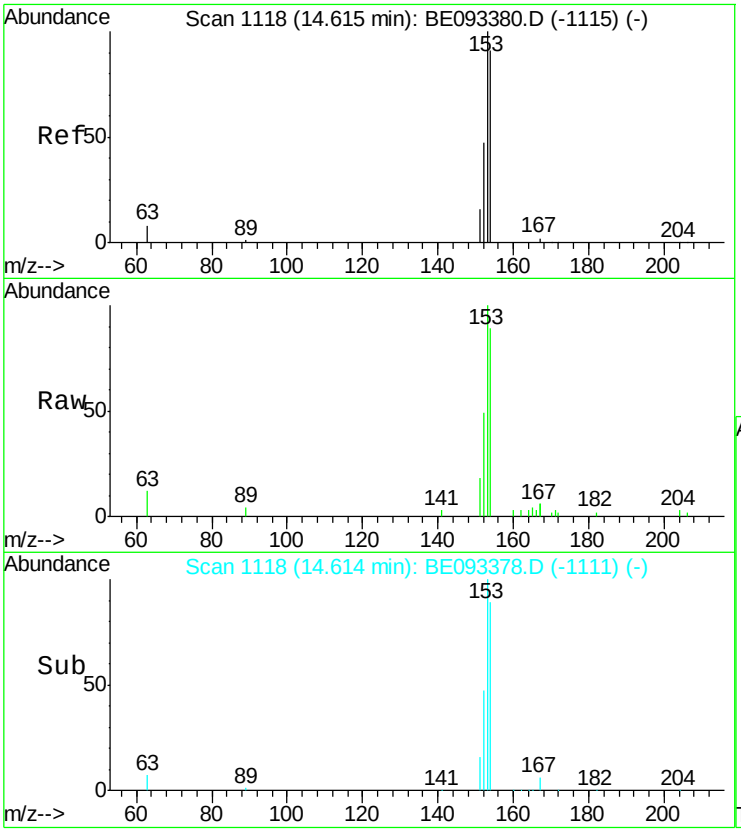


#16
Acenaphthylene
Concen: 0.023 ng
RT: 14.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:152 Resp: 3865

Ion	Ratio	Lower	Upper
152	100		
151	19.6	4.0	6.0#
153	13.7	10.3	15.5



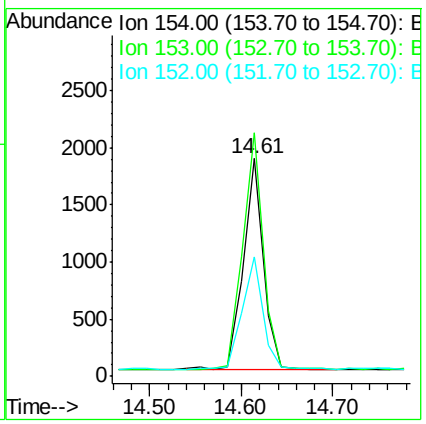


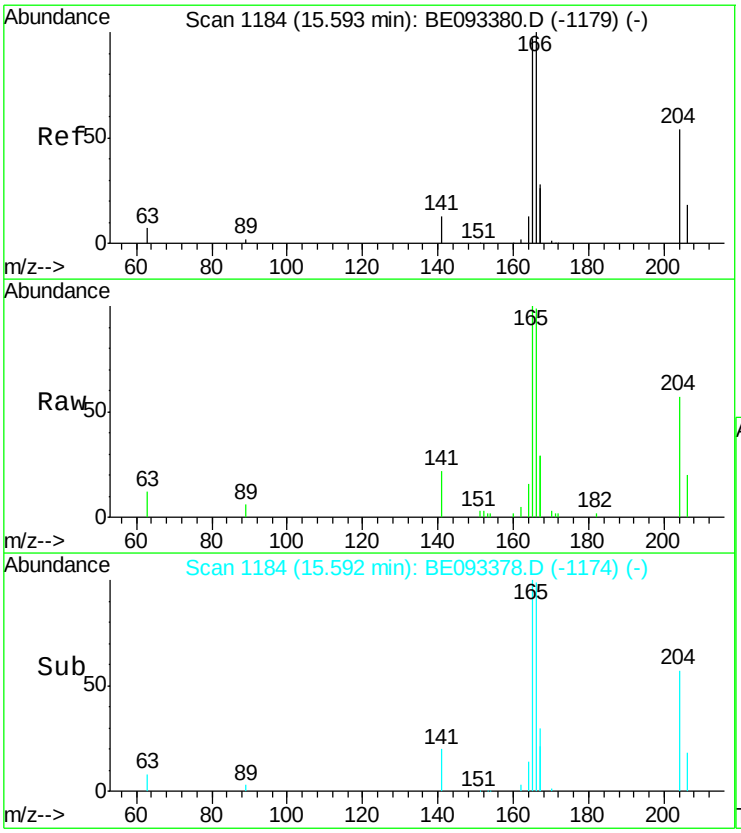
#17
Acenaphthene
Concen: 0.090 ng
RT: 14.61 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2800

Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.2	136.8
152	54.7	44.8	67.2

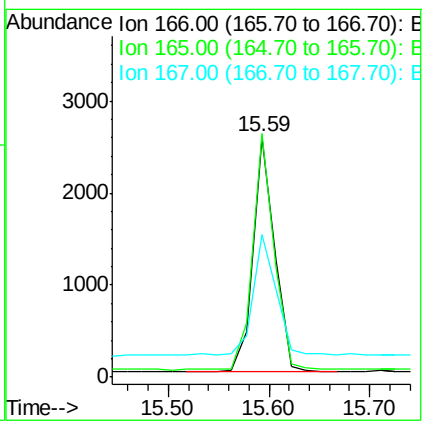


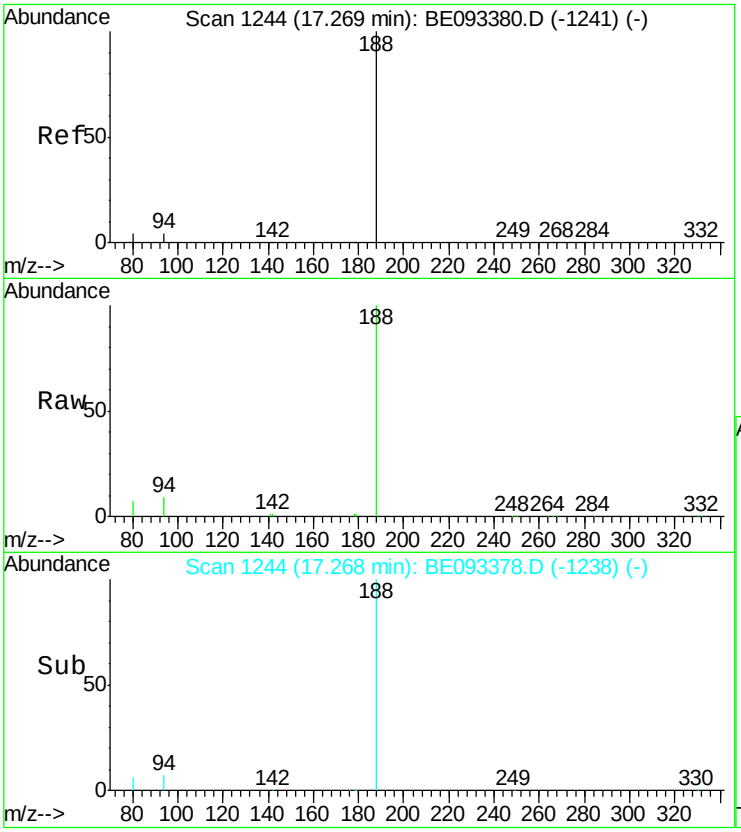


#18
Fluorene
Concen: 0.103 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:166 Resp: 3840

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	117.8
167	55.3	11.1	16.7#



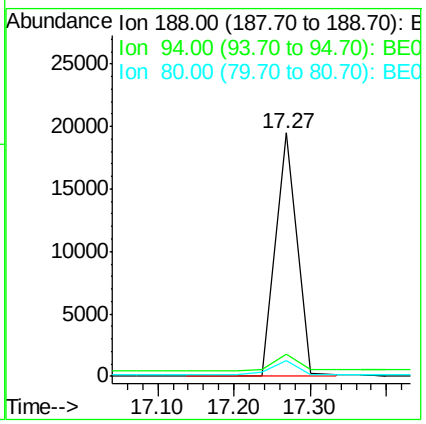


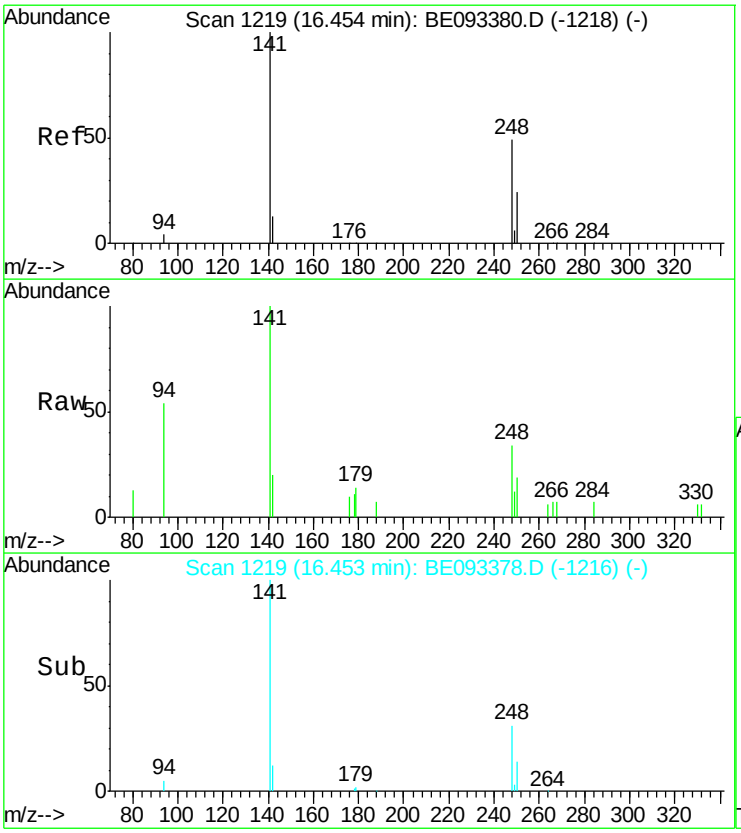
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 38493

Ion	Ratio	Lower	Upper
188	100		
94	8.9	11.3	16.9#
80	6.6	11.7	17.5#

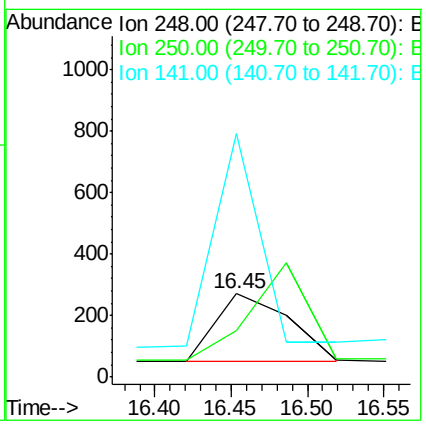


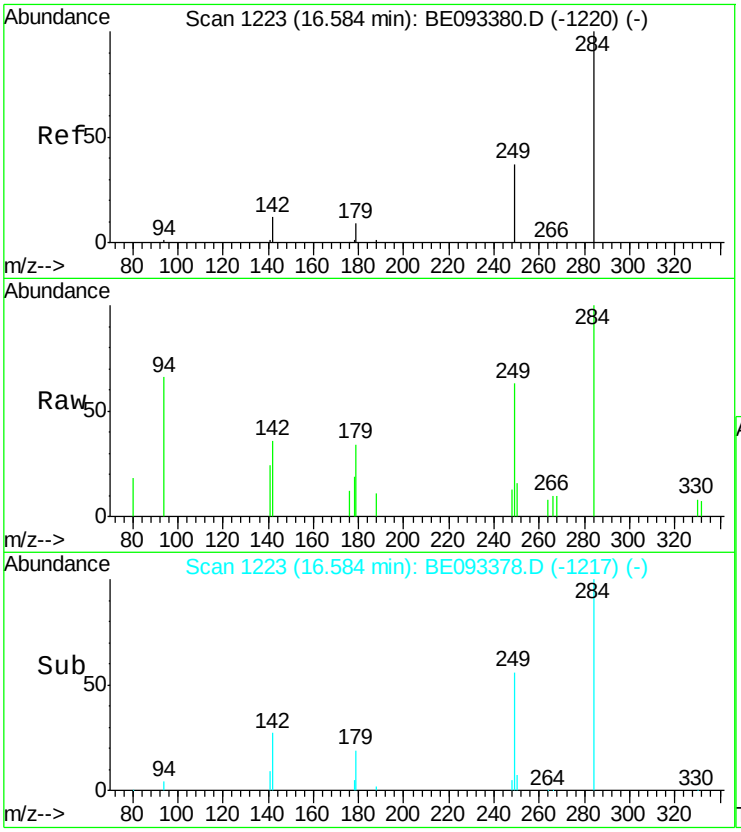


#20
4-Bromophenyl-phenylether
Concen: 0.031 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:248 Resp: 729

Ion	Ratio	Lower	Upper
248	100		
250	56.7	40.8	61.2
141	293.3	161.6	242.4#



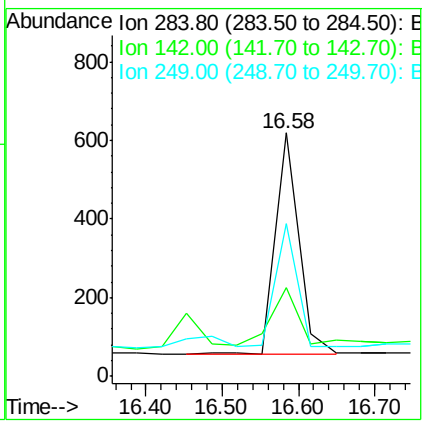


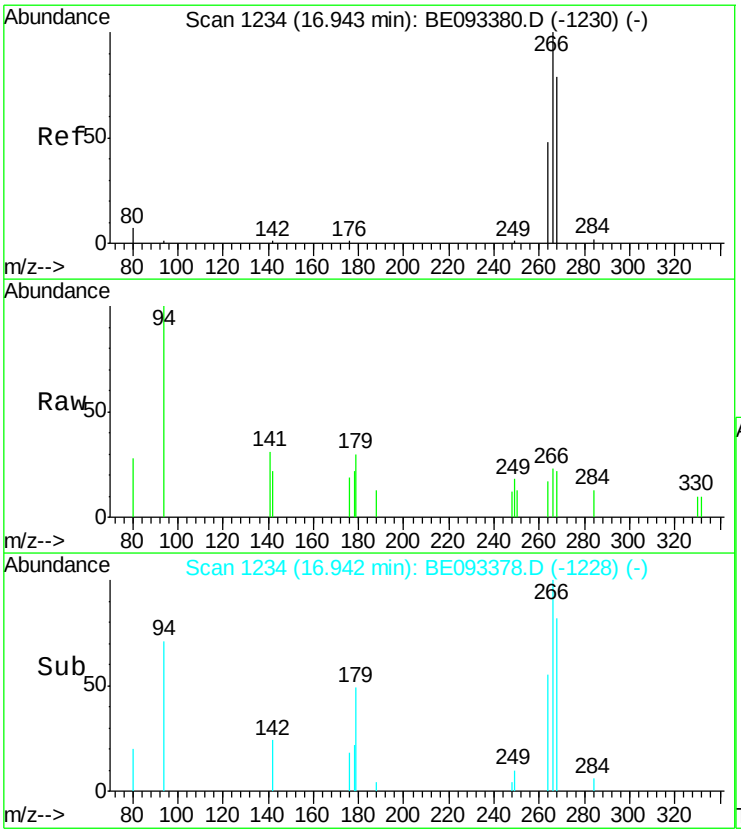
#21
Hexachlorobenzene
Concen: 0.059 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1207

Ion	Ratio	Lower	Upper
284	100		
142	28.7	0.0	0.0#
249	51.7	0.0	0.0#

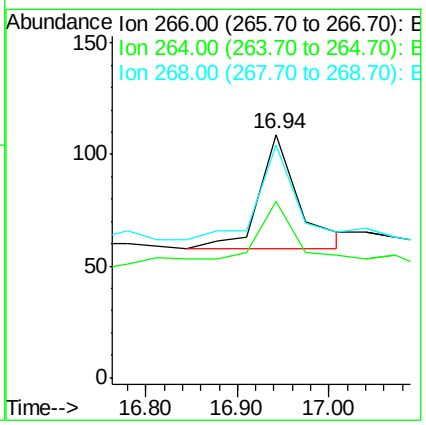


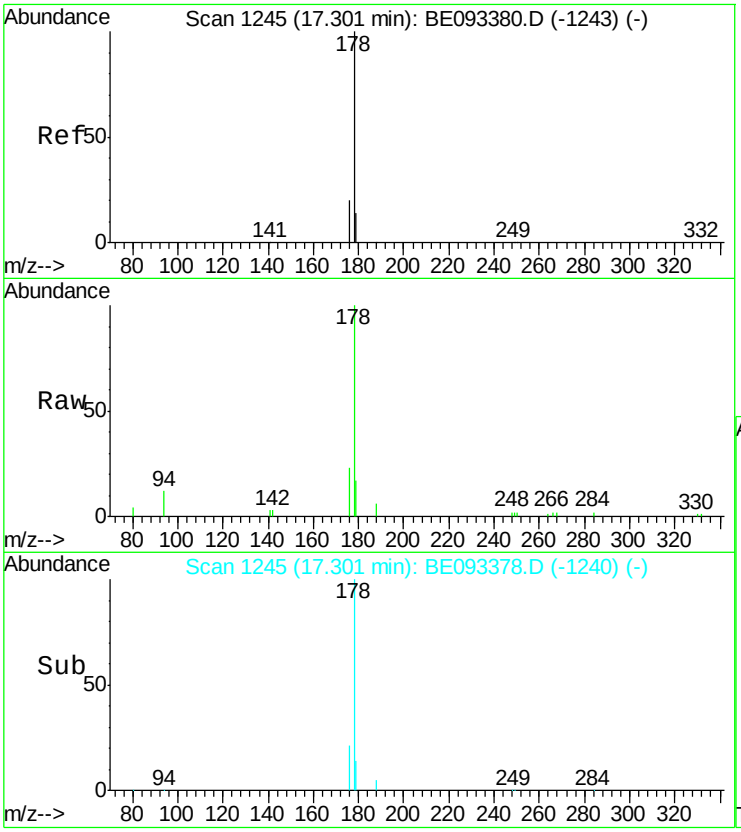


#22
Pentachlorophenol
Concen: 0.023 ng
RT: 16.94 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:266 Resp: 153

Ion	Ratio	Lower	Upper
266	100		
264	72.5	58.2	87.2
268	95.4	71.9	107.9



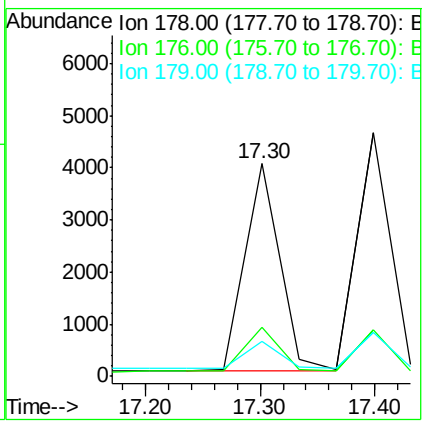


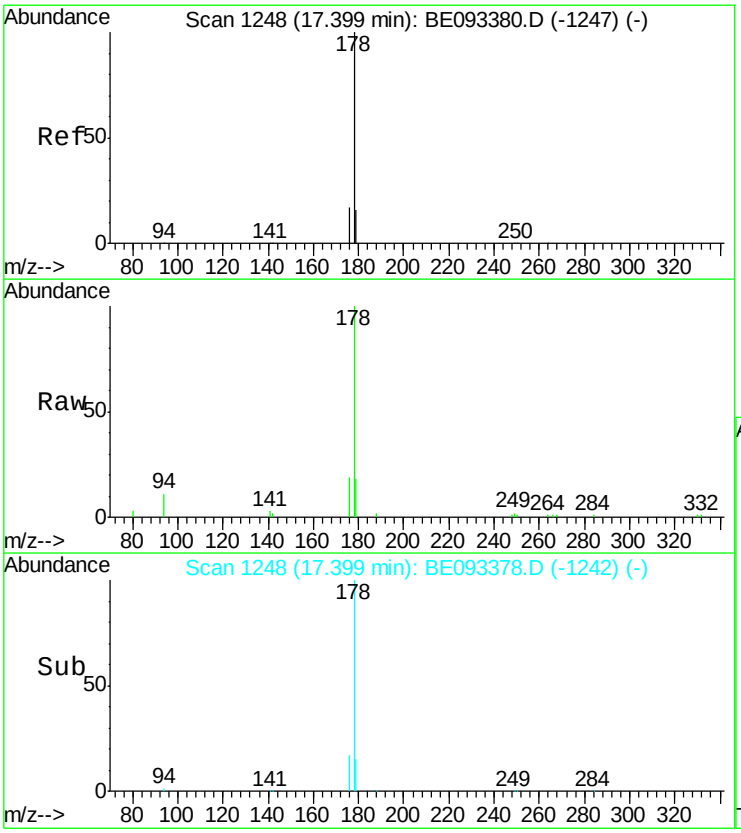
#23
Phenanthrene
Concen: 0.047 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 8247

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.0	22.4
179	13.9	12.7	19.1

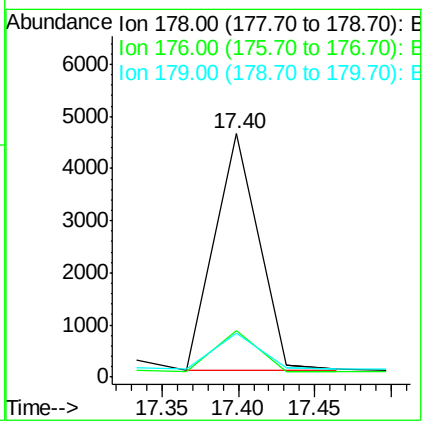


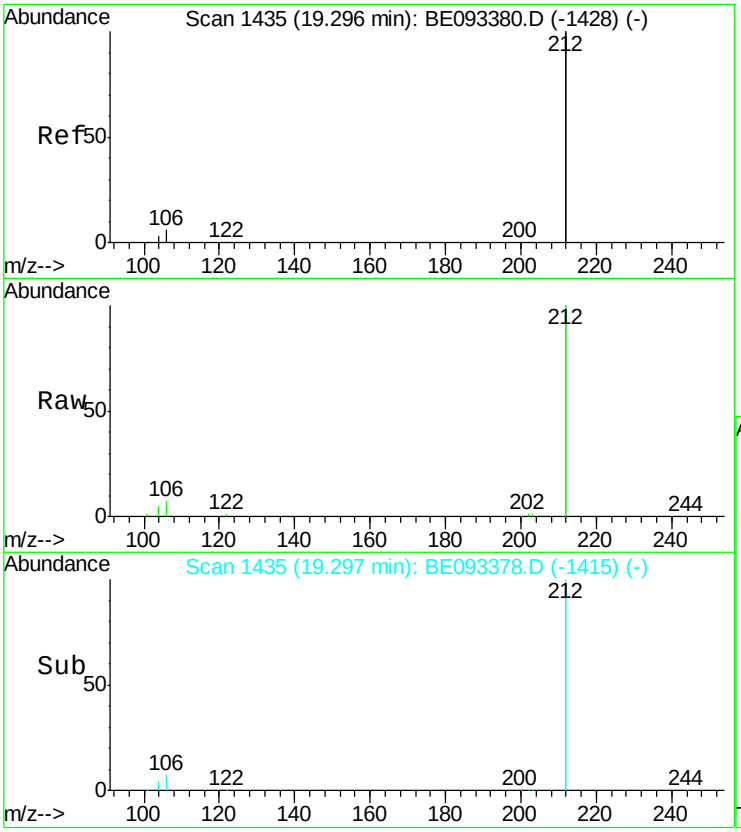


#24
Anthracene
Concen: 0.062 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:178 Resp: 9092

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	22.0
179	15.5	12.0	18.0



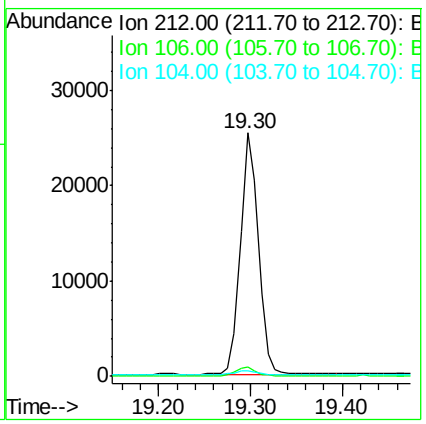


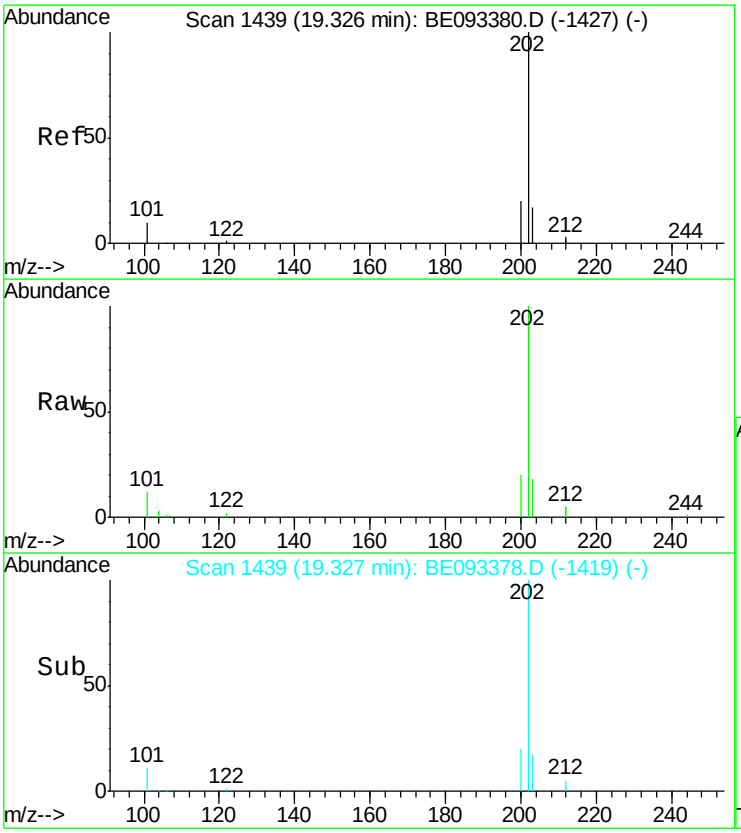
#25
Fluoranthene-d10
Concen: 0.271 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 34348

Ion	Ratio	Lower	Upper
212	100		
106	3.6	0.0	0.0#
104	2.3	0.0	0.0#

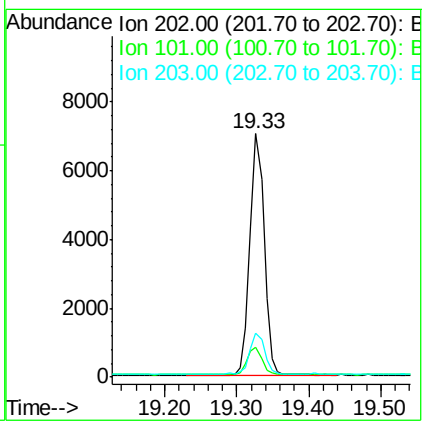


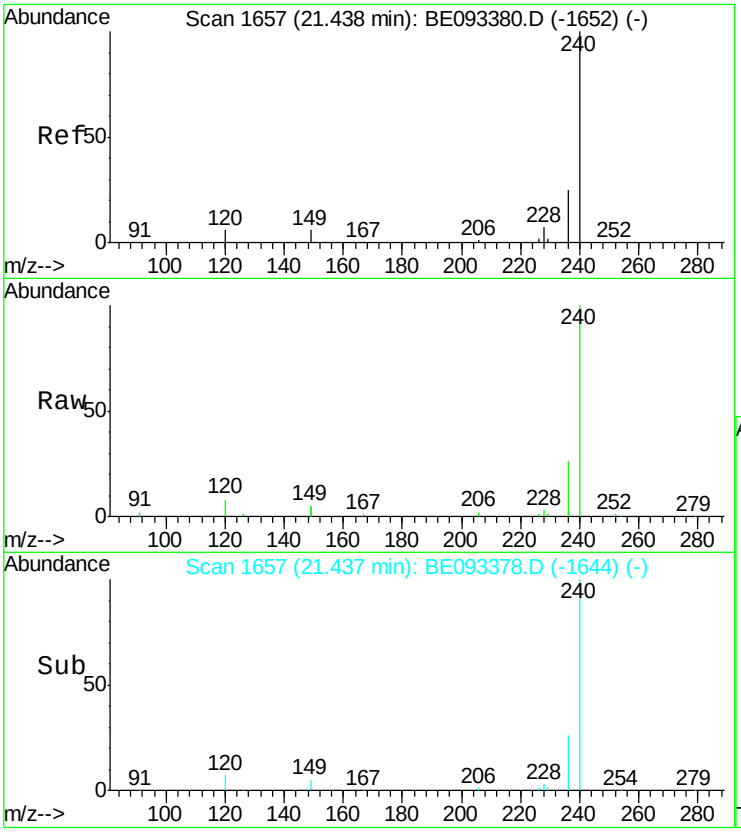


#26
Fluoranthene
Concen: 0.015 ng
RT: 19.33 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:202 Resp: 9683

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	0.0#
203	17.5	14.4	21.6



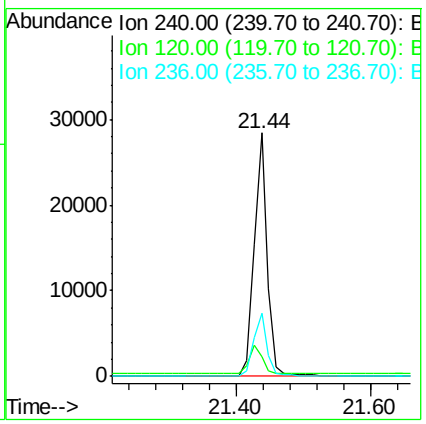


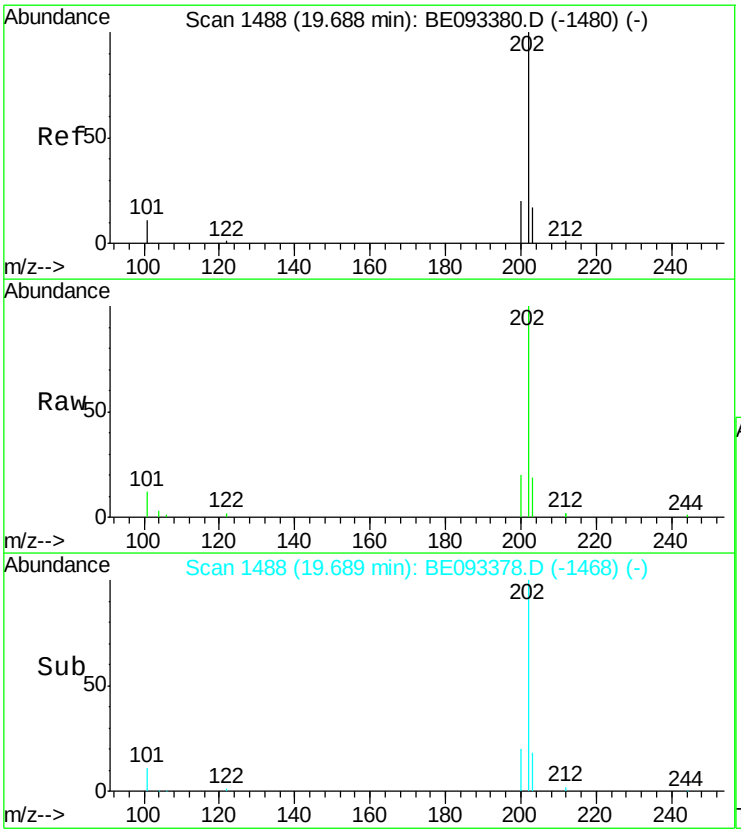
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 38537

Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.6	7.0#
236	26.0	20.8	31.2

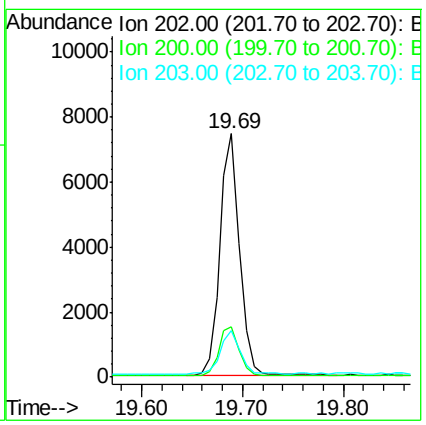


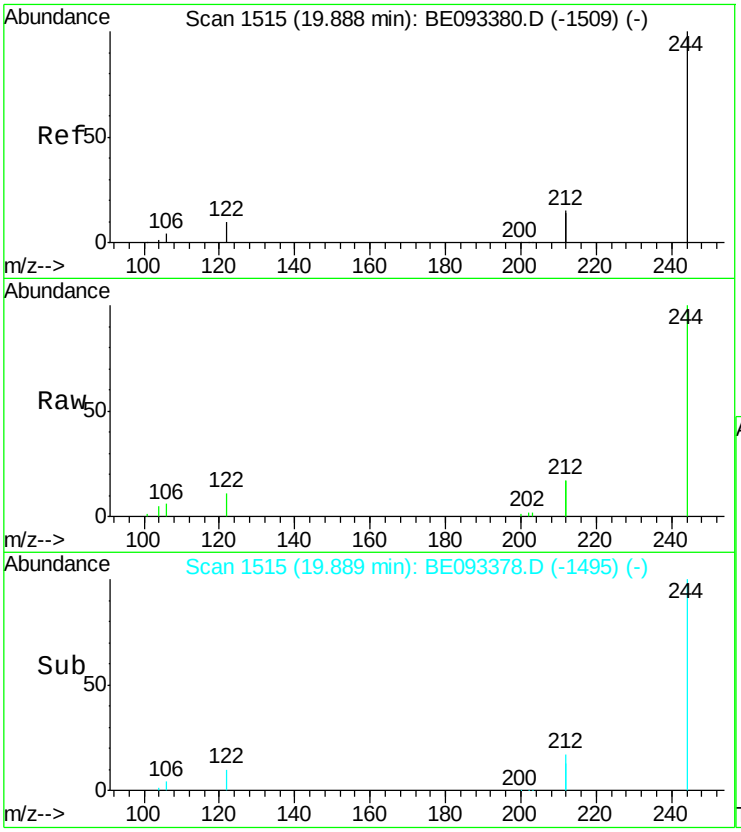


#28
Pyrene
Concen: 0.021 ng
RT: 19.69 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:202 Resp: 9983

Ion	Ratio	Lower	Upper
202	100		
200	20.9	0.0	0.0#
203	18.3	13.7	20.5



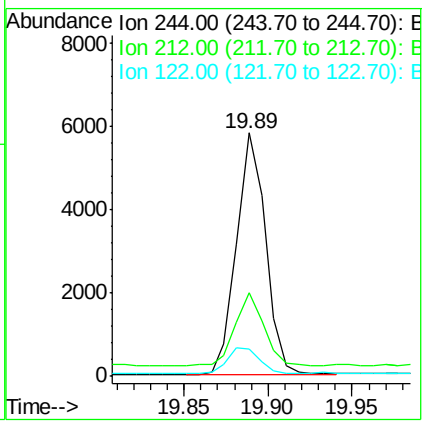


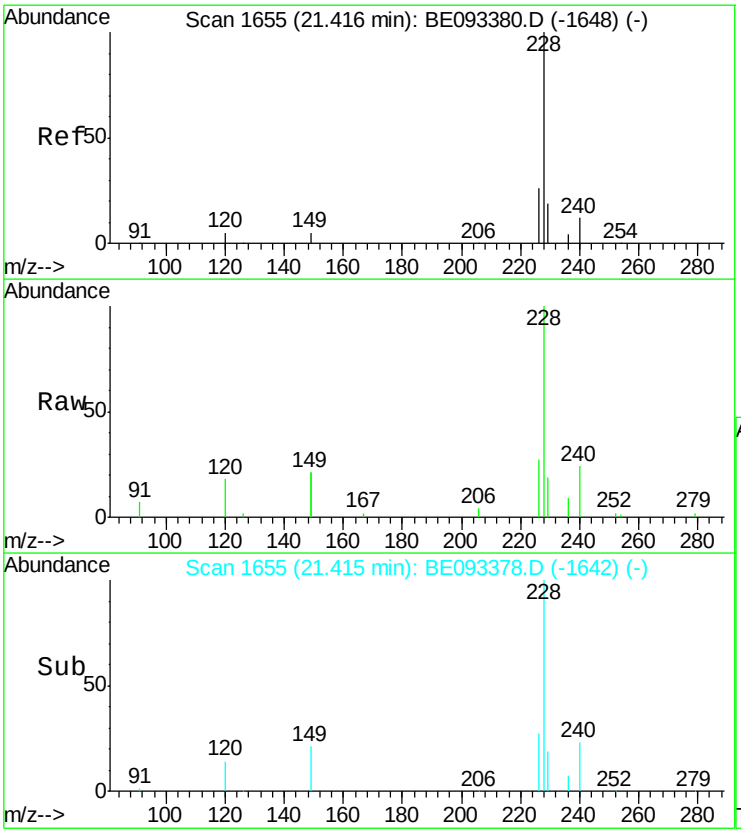
#29
Terphenyl-d14
Concen: 0.093 ng
RT: 19.89 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 6950

Ion	Ratio	Lower	Upper
244	100		
212	34.5	10.6	16.0#
122	11.4	15.4	23.0#

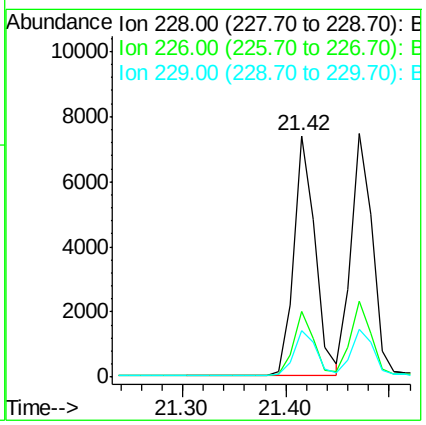


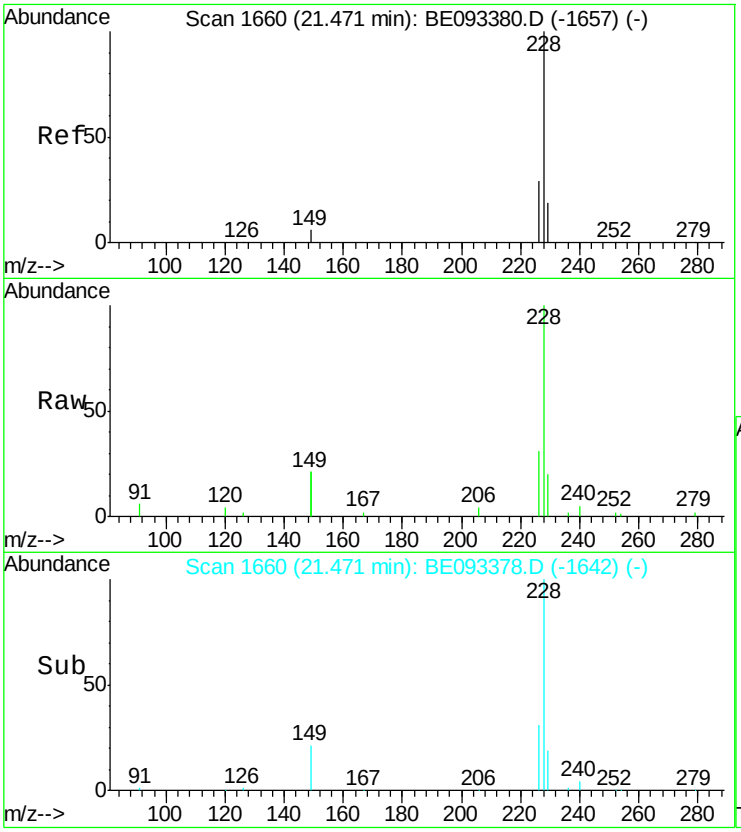


#30
Benzo(a)anthracene
Concen: 0.100 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:228 Resp: 10423

Ion	Ratio	Lower	Upper
228	100		
226	27.2	19.7	29.5
229	19.2	19.2	28.8



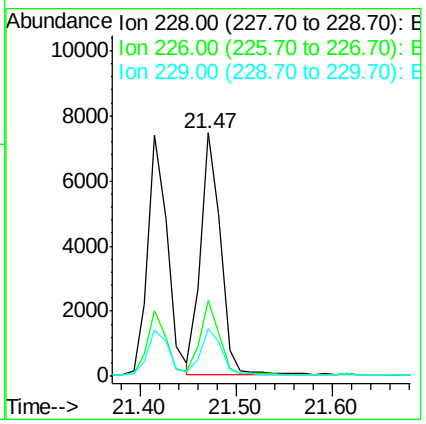


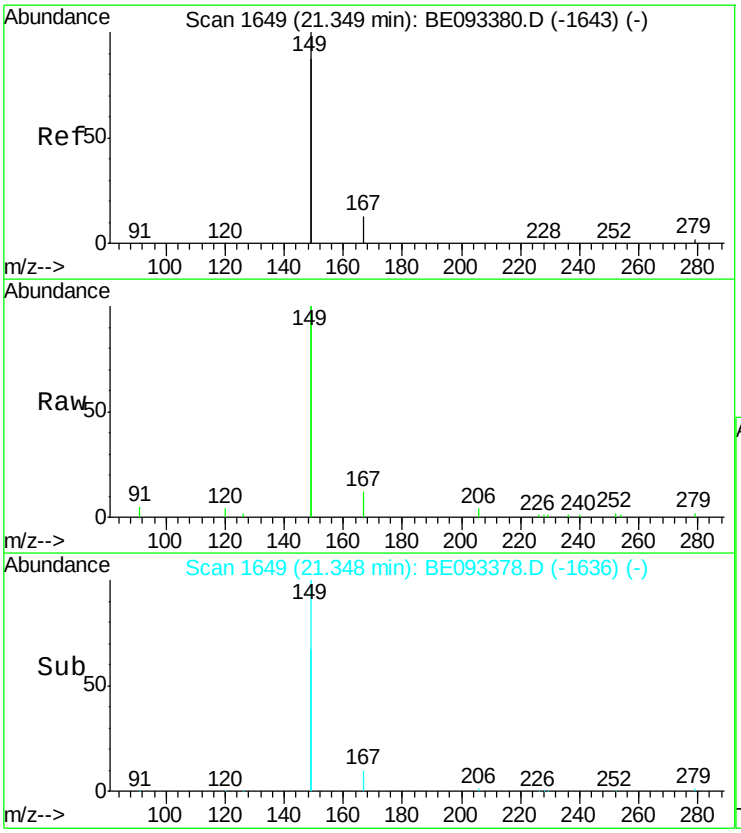
#31
Chrysene
Concen: 0.097 ng
RT: 21.47 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 10749

Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.5	32.3
229	19.6	18.6	28.0

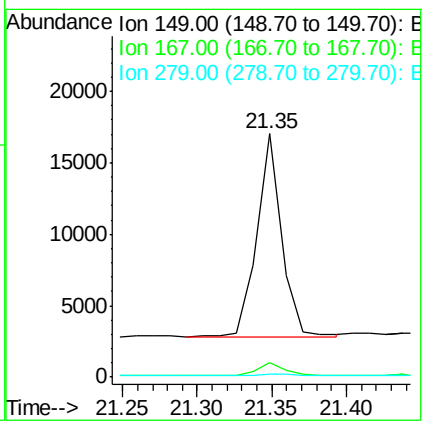


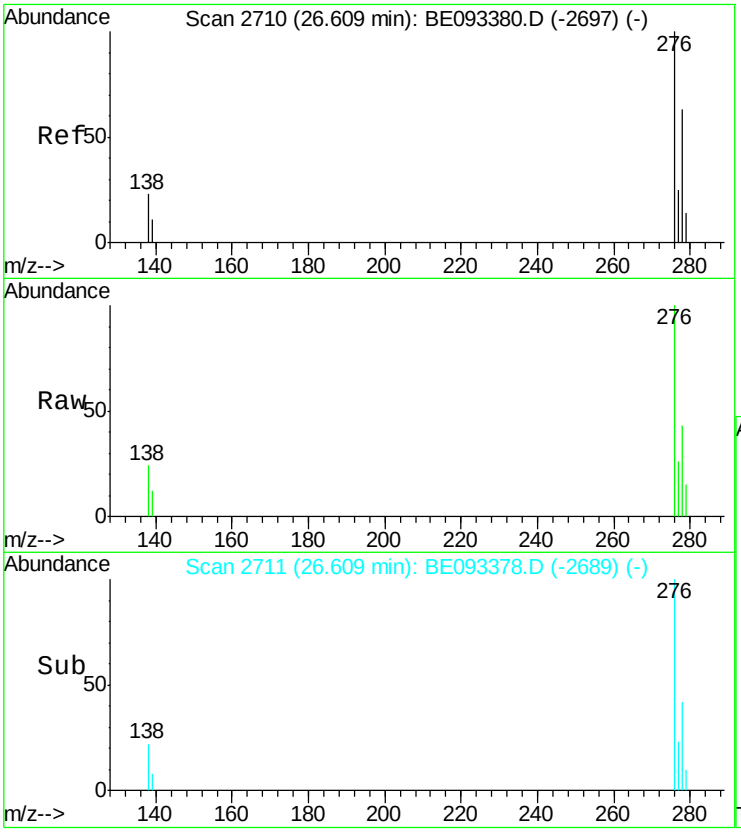


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.324 ng
RT: 21.35 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:149 Resp: 16416

Ion	Ratio	Lower	Upper
149	100		
167	6.4	20.1	30.1#
279	1.3	2.2	3.4#



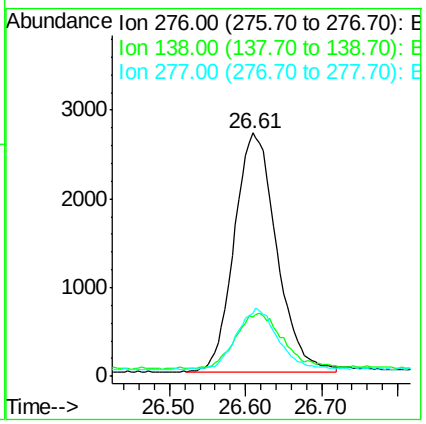


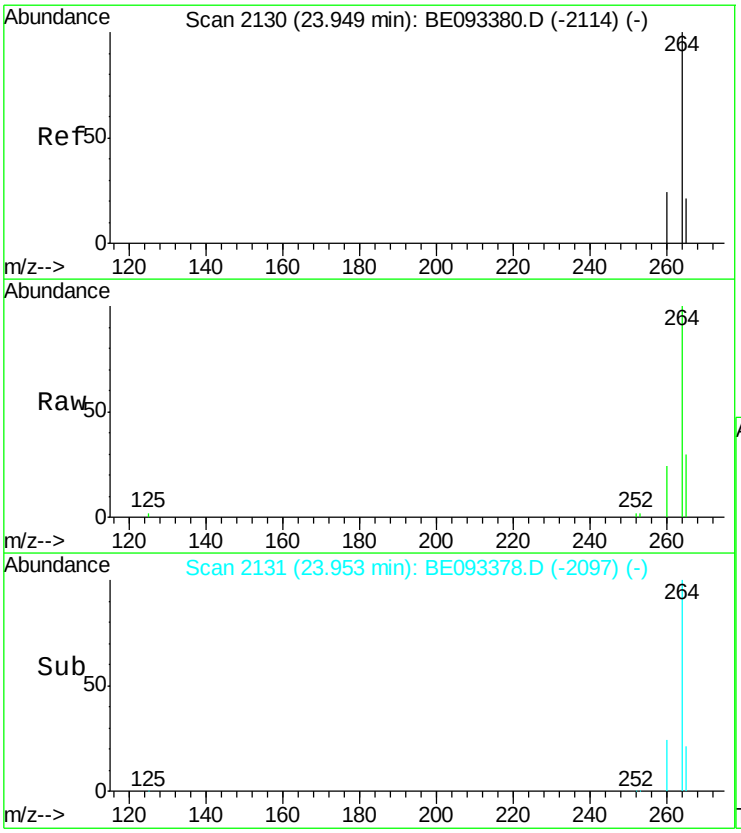
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 10381

Ion	Ratio	Lower	Upper
276	100		
138	26.2	27.4	41.2#
277	25.0	20.1	30.1

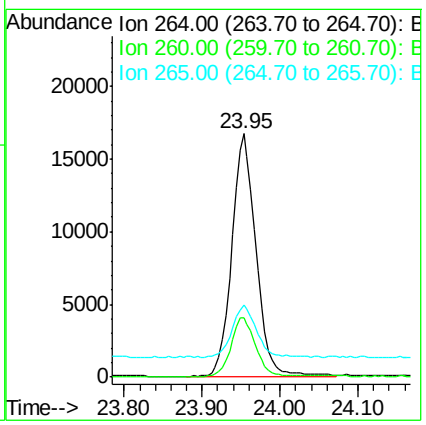


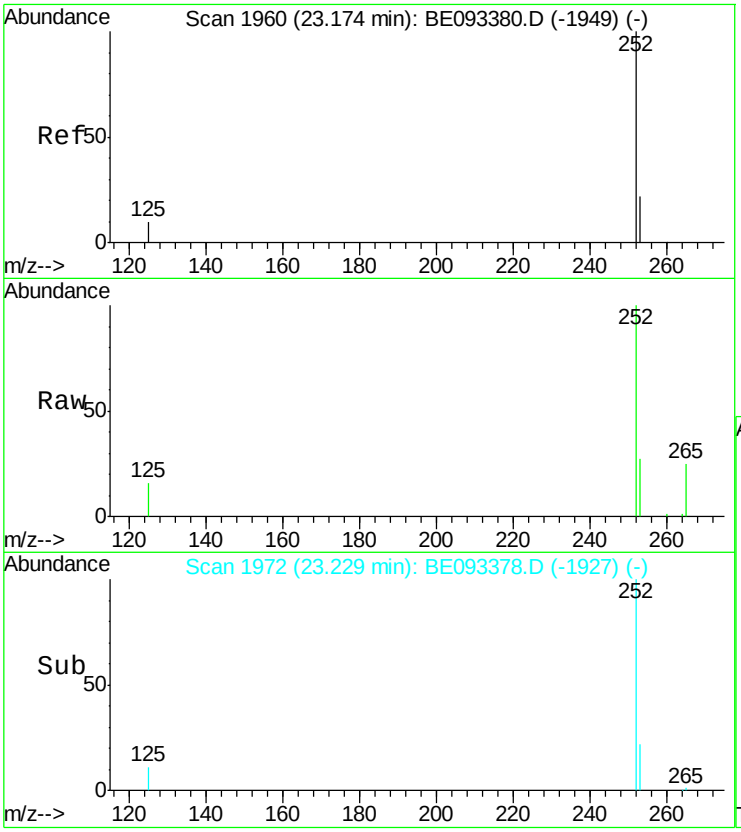


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:264 Resp: 35625

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.0	31.4
265	29.7	24.6	36.8



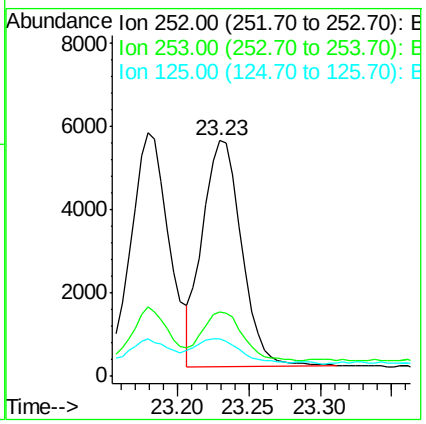


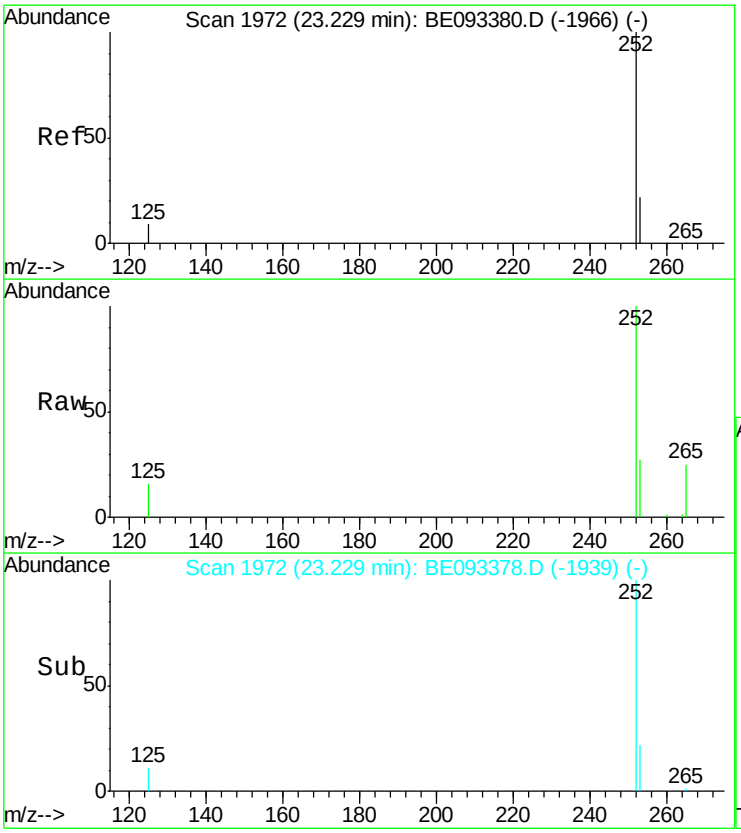
#35
Benzo(b)fluoranthene
Concen: 0.089 ng
RT: 23.23 min Scan# 1972
Delta R.T. 0.05 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 10228

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.5	27.7
125	16.1	13.4	20.0

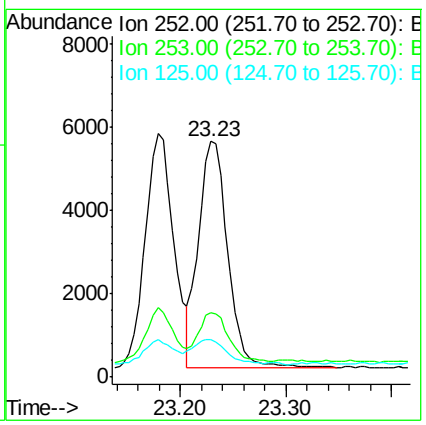


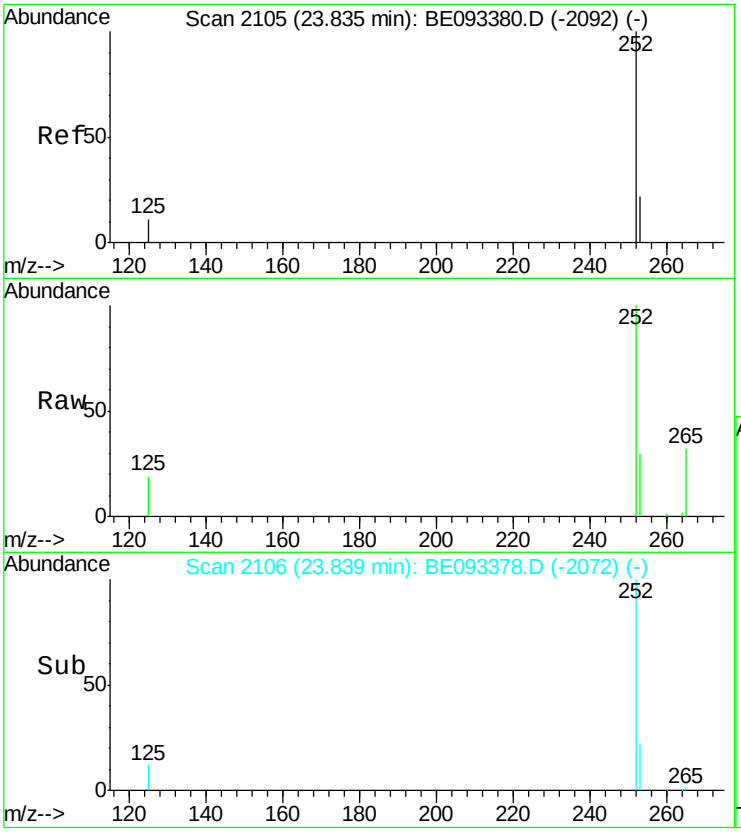


#36
Benzo(k)fluoranthene
Concen: 0.095 ng
RT: 23.23 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:252 Resp: 10478

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.3	30.5
125	16.1	12.2	18.4



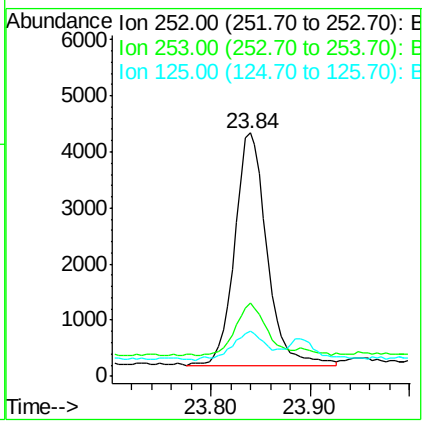


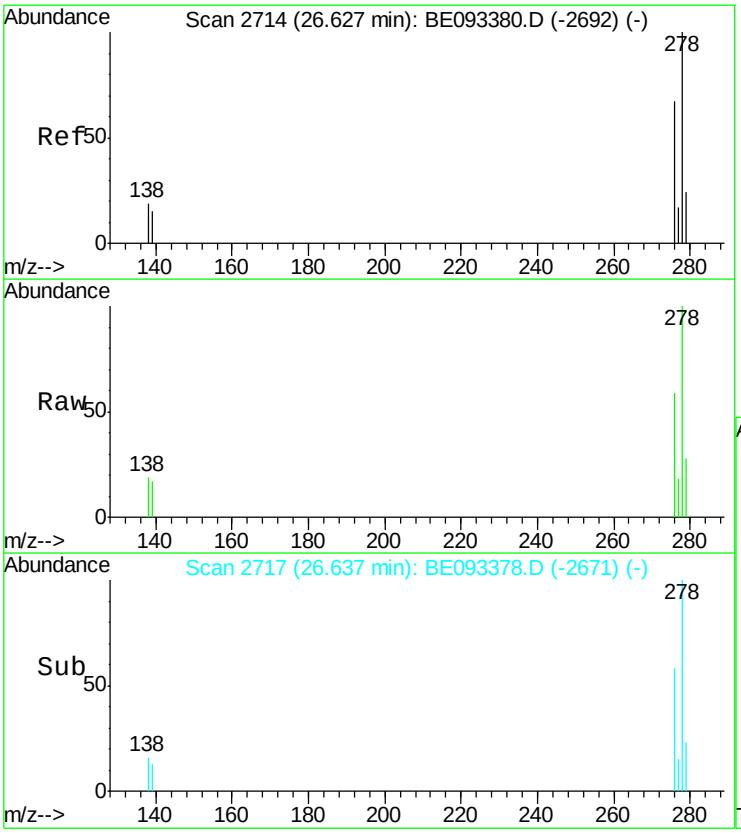
#37
Benzo(a)pyrene
Concen: 0.095 ng
RT: 23.84 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 9367

Ion	Ratio	Lower	Upper
252	100		
253	30.2	19.9	29.9#
125	18.6	14.6	21.8

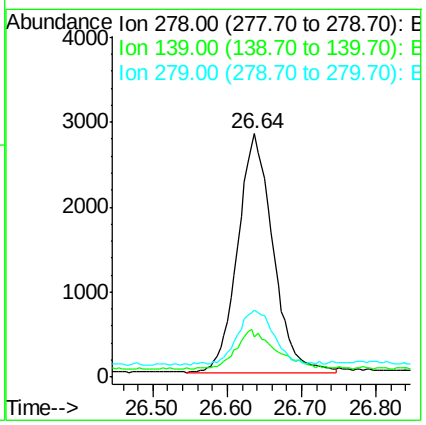


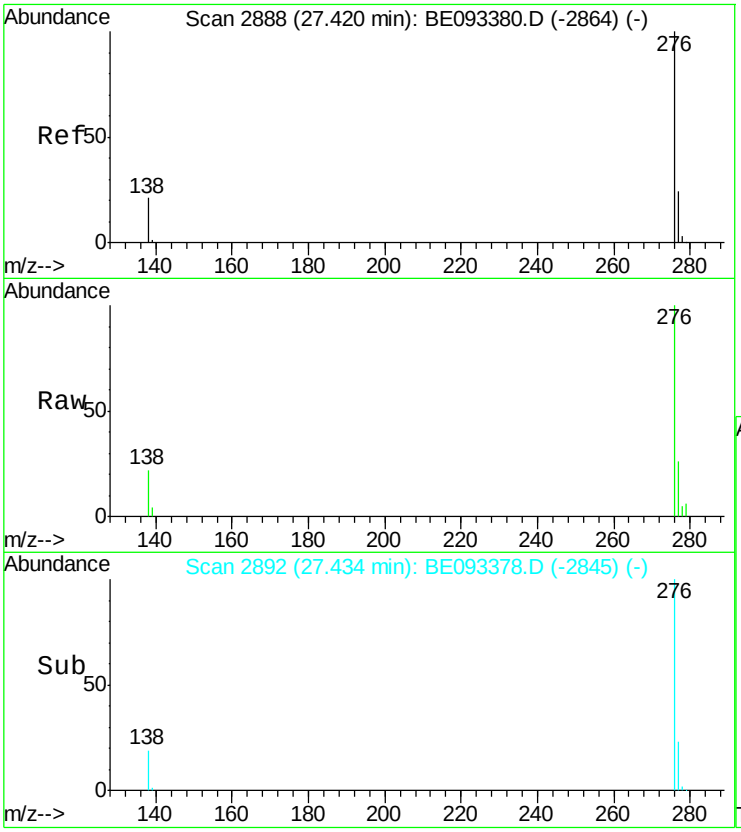


#38
Dibenzo(a,h)anthracene
Concen: 0.090 ng
RT: 26.64 min Scan# 2717
Delta R.T. 0.01 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Tgt Ion:278 Resp: 9248

Ion	Ratio	Lower	Upper
278	100		
139	16.5	21.4	32.0#
279	27.6	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.023 ng
RT: 27.43 min Scan# 2892
Delta R.T. 0.01 min
Lab File: BE093378.D
Acq: 30 Jun 2017 15:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 9707

Ion	Ratio	Lower	Upper
276	100		
277	25.6	21.2	31.8
138	21.8	24.5	36.7#