Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093379.D
Acq On : 30 Jun 2017 16:35
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Jun 30 18:54:19 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	2987	0.40	ng		-0.01
7) Naphthalene-d8	10.74	136	14806	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	9327	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	38720	0.40	ng		0.00
27) Chrysene-d12	21.44	240	38799	0.40	ng		0.00
34) Perylene-d12	23.95	264	34825	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1870	0.21	ng		0.00
5) Phenol-d6	7.10	99	2820	0.22	ng		0.00
8) Nitrobenzene-d5	9.09	82	1690	0.14	ng		0.00
11) 2-Methylnaphthalene-d10	12.32	152	4629	0.21	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	682	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	7087	0.18	ng		0.00
25) Fluoranthene-d10	19.30	212	68458	0.54	ng		0.00
29) Terphenyl-d14	19.89	244	14192	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	1319	0.199	ng		96
3) n-Nitrosodimethylamine	3.79	42	591	0.104	ng	#	72
6) bis(2-Chloroethyl)ether	7.37	93	1815	0.161	ng	#	96
9) Naphthalene	10.79	128	30362	0.764	ng	#	73
10) Hexachlorobutadiene	11.07	225	1187	0.220	ng		94
12) 2-Methylnaphthalene	12.39	142	5054	0.205	ng		100
16) Acenaphthylene	14.27	152	7739	0.048	ng	#	88
17) Acenaphthene	14.61	154	5575	0.184	ng		98
18) Fluorene	15.59	166	7476	0.205	ng	#	86
20) 4-Bromophenyl-phenylether	16.45	248	1486	0.063	ng	#	72
21) Hexachlorobenzene	16.58	284	2705	0.130	ng	#	100
22) Pentachlorophenol	16.94	266	229	0.034	ng		95
23) Phenanthrene	17.30	178	17306	0.099	ng		96
24) Anthracene	17.40	178	18218	0.123	ng		98
26) Fluoranthene	19.33	202	19302	0.030	ng	#	98
28) Pyrene	19.69	202	19969	0.042	ng	#	99
30) Benzo(a)anthracene	21.42	228	20568	0.196	ng		93
31) Chrysene	21.47	228	21541	0.193	ng		94
32) Bis(2-ethylhexyl)phthalate	21.35	149	29159	0.572	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.61	276	20640	0.049	ng	#	91
35) Benzo(b)fluoranthene	23.18	252	20415	0.182	ng	#	94
36) Benzo(k)fluoranthene	23.23	252	21227	0.197	ng		97
37) Benzo(a)pyrene	23.84	252	18046	0.187	ng		95
38) Dibenzo(a,h)anthracene	26.63	278	18330	0.182	ng	#	90
39) Benzo(g,h,i)perylene	27.42	276	19265	0.047	ng	#	88

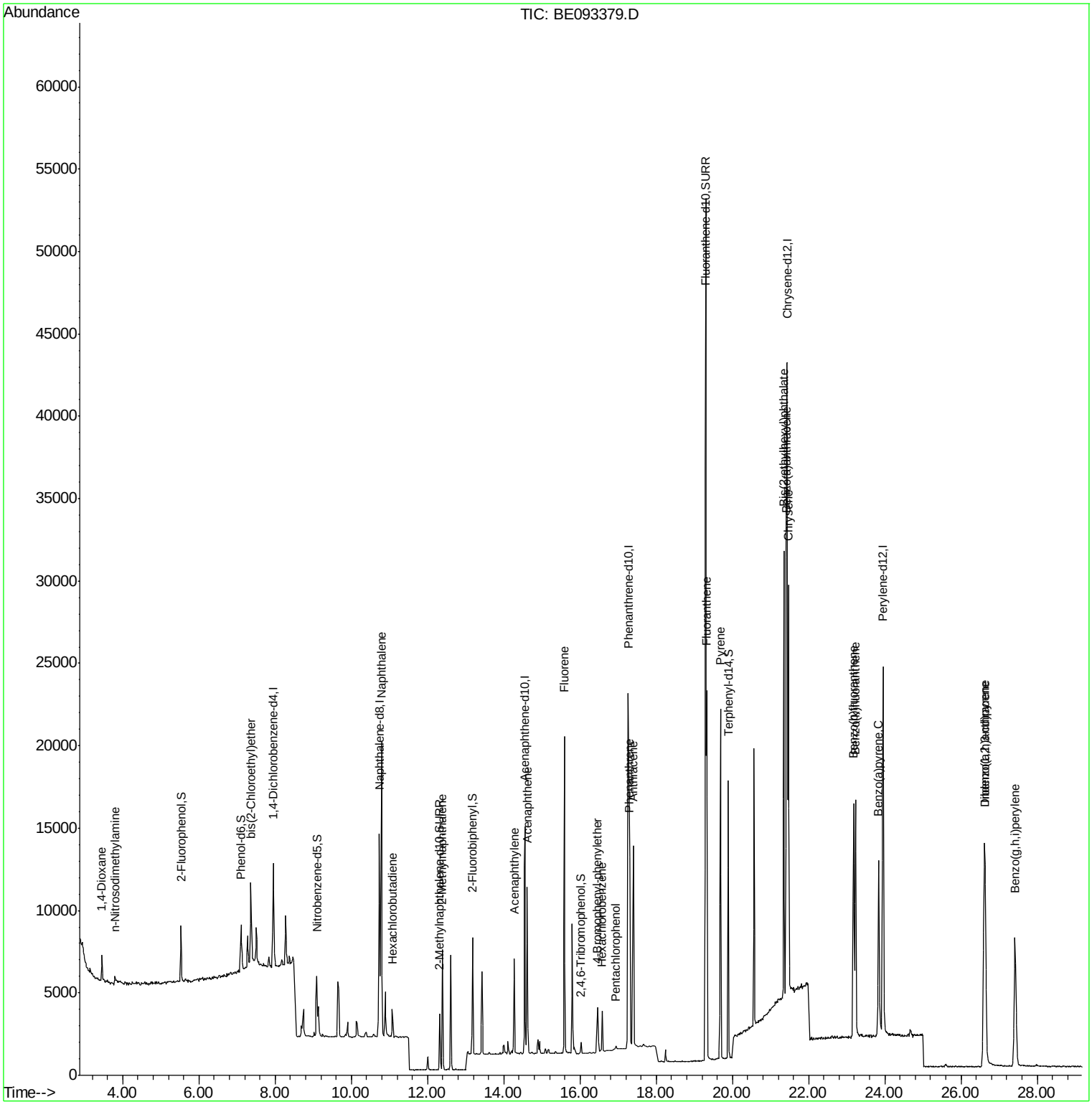
(#) = qualifier out of range (m) = manual integration (+) = signals summed

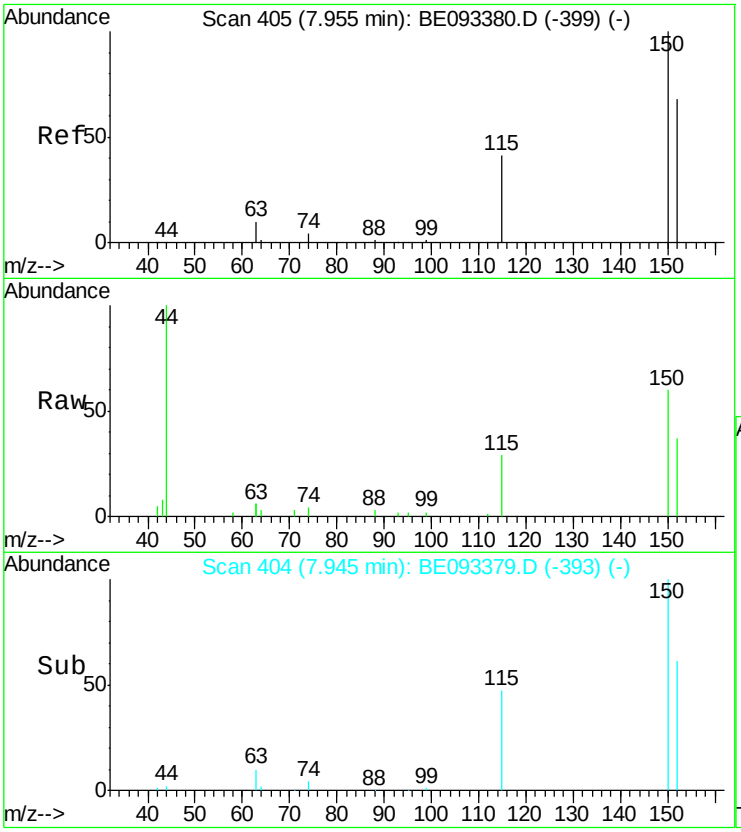
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093379.D
Acq On : 30 Jun 2017 16:35
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 30 18:54:19 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



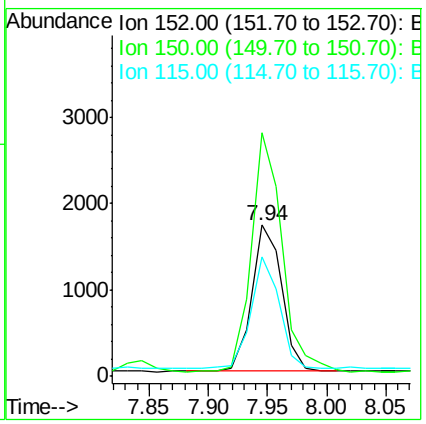


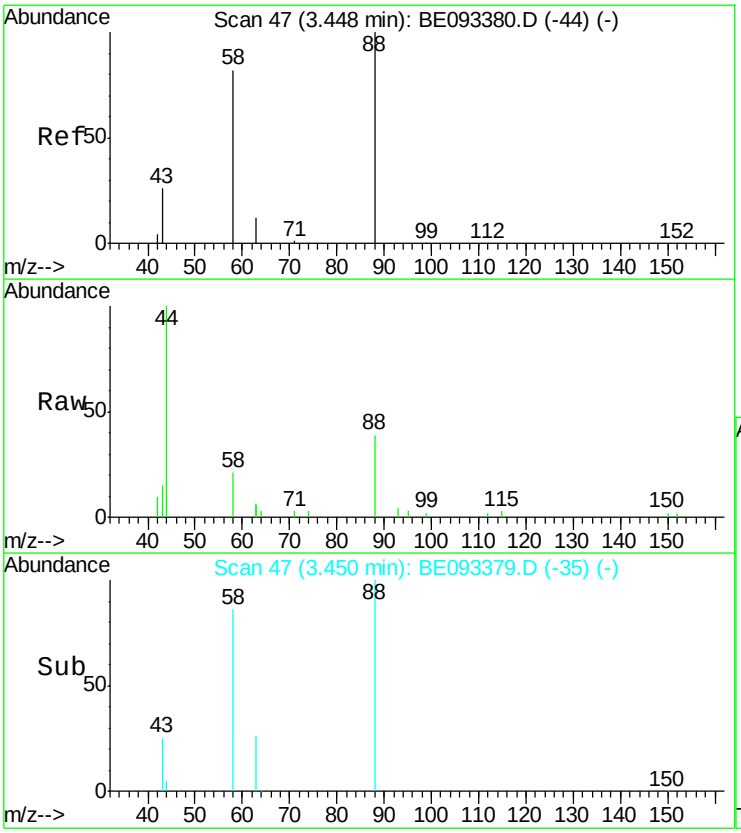
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.01 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2987

Ion	Ratio	Lower	Upper
152	100		
150	161.2	125.1	187.7
115	78.9	55.7	83.5

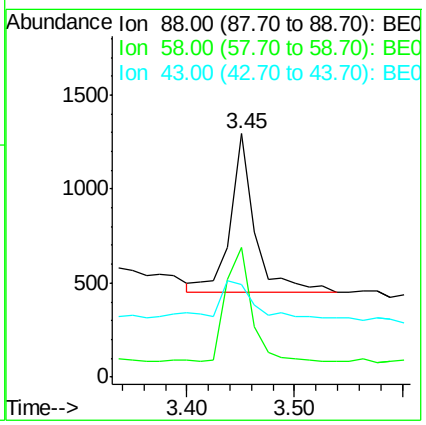


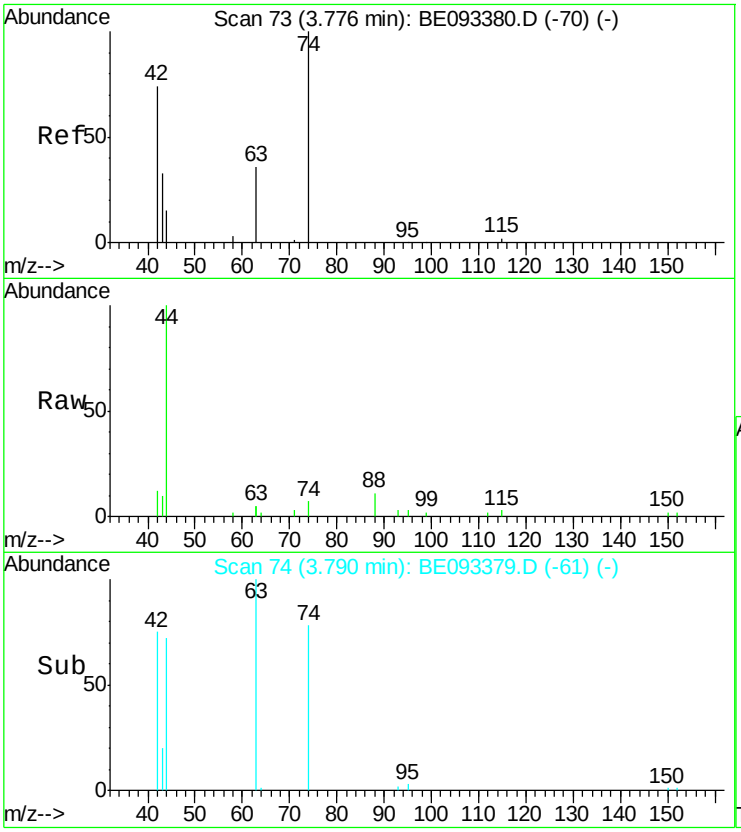


#2
1,4-Dioxane
Concen: 0.199 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion: 88 Resp: 1319

Ion	Ratio	Lower	Upper
88	100		
58	76.3	62.2	93.4
43	34.4	23.2	34.8



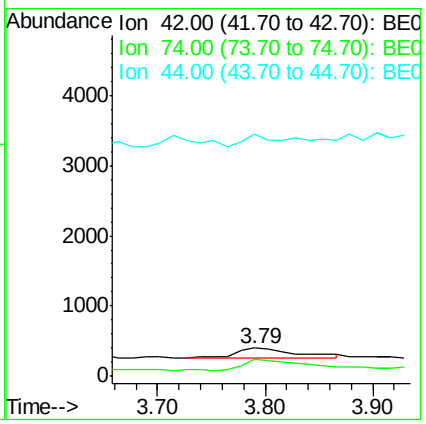


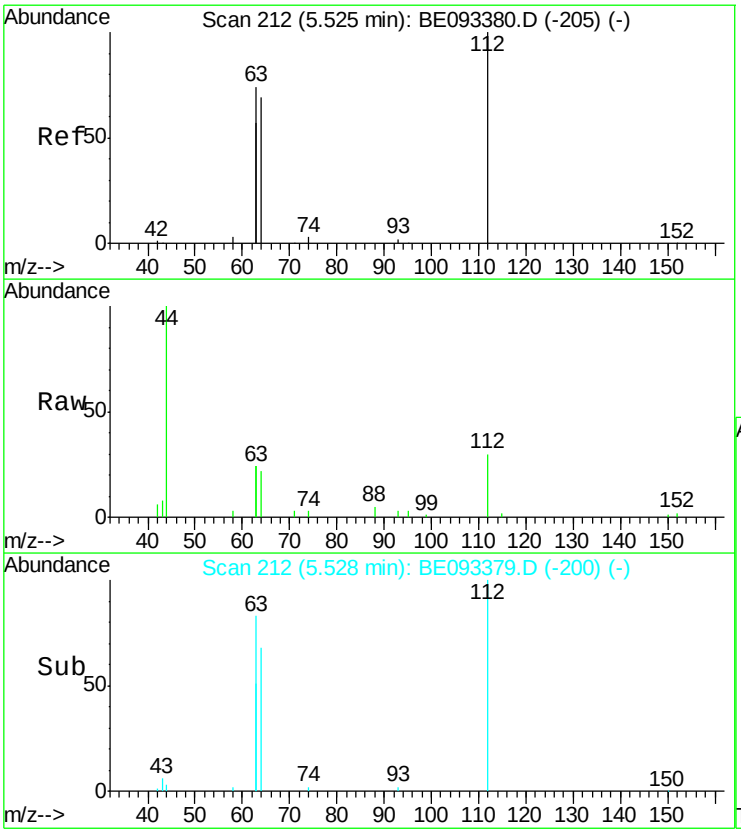
#3
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.79 min Scan# 74
Delta R.T. 0.01 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 591

Ion	Ratio	Lower	Upper
42	100		
74	99.8	99.1	148.7
44	54.7	7.4	11.2#

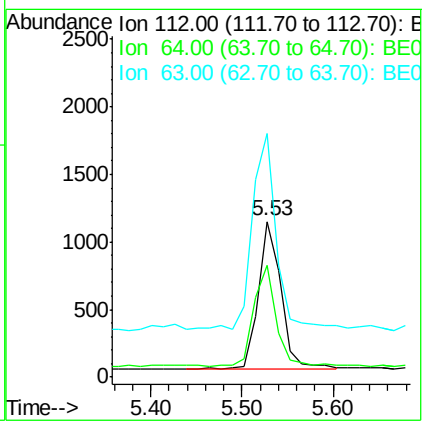


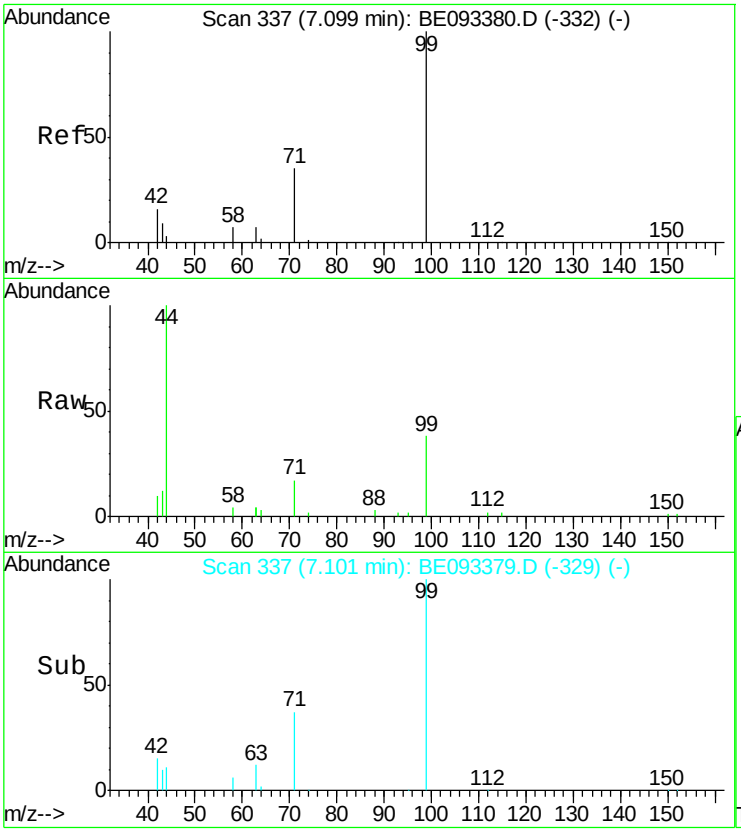


#4
2-Fluorophenol
Concen: 0.212 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:112 Resp: 1870

Ion	Ratio	Lower	Upper
112	100		
64	69.3	56.4	84.6
63	136.2	29.3	43.9#



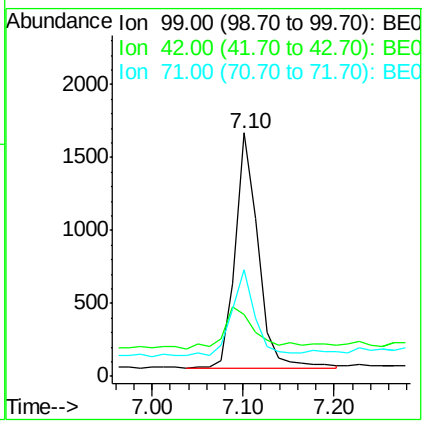


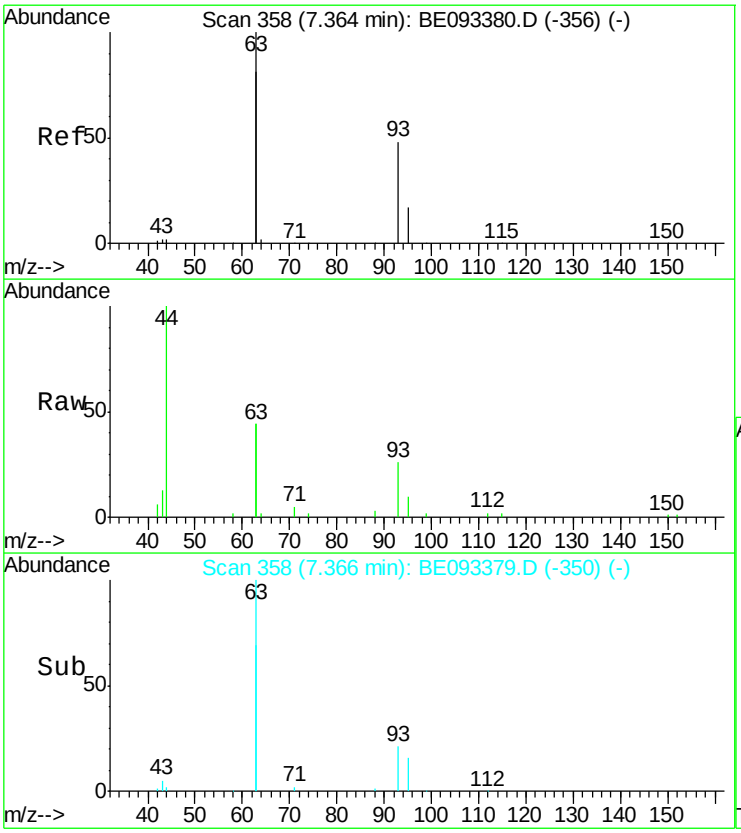
#5
Phenol-d6
Concen: 0.218 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2820

Ion	Ratio	Lower	Upper
99	100		
42	26.9	0.0	0.0#
71	36.7	0.0	0.0#

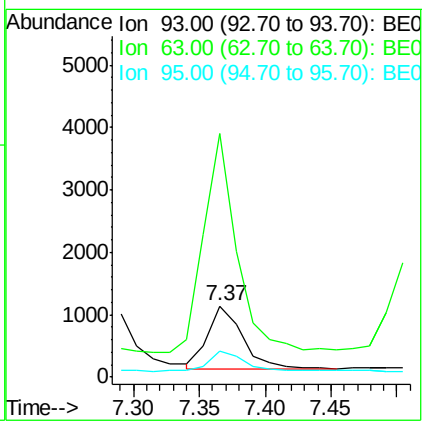


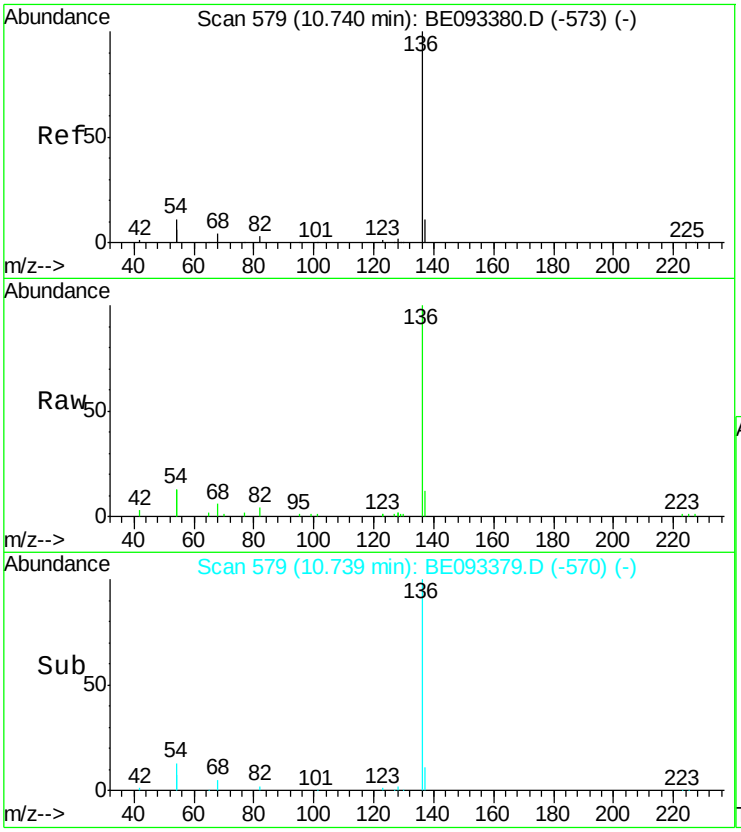


#6
bis(2-Chloroethyl)ether
Concen: 0.161 ng
RT: 7.37 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion: 93 Resp: 1815

Ion	Ratio	Lower	Upper
93	100		
63	343.6	0.0	0.0#
95	34.0	25.4	38.0



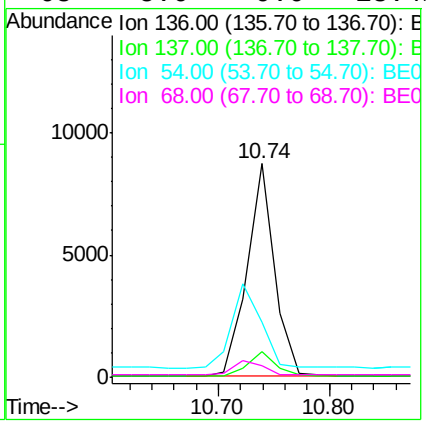


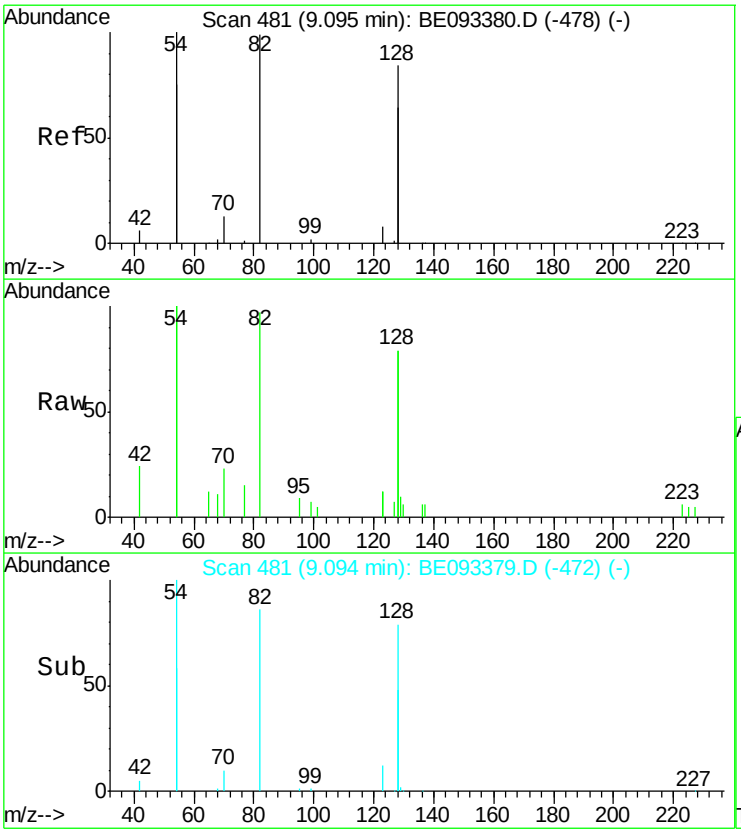
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 14806

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.8
54	25.7	10.3	15.5#
68	5.6	9.0	13.4#

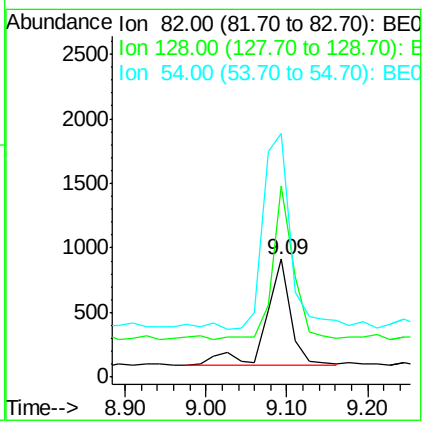


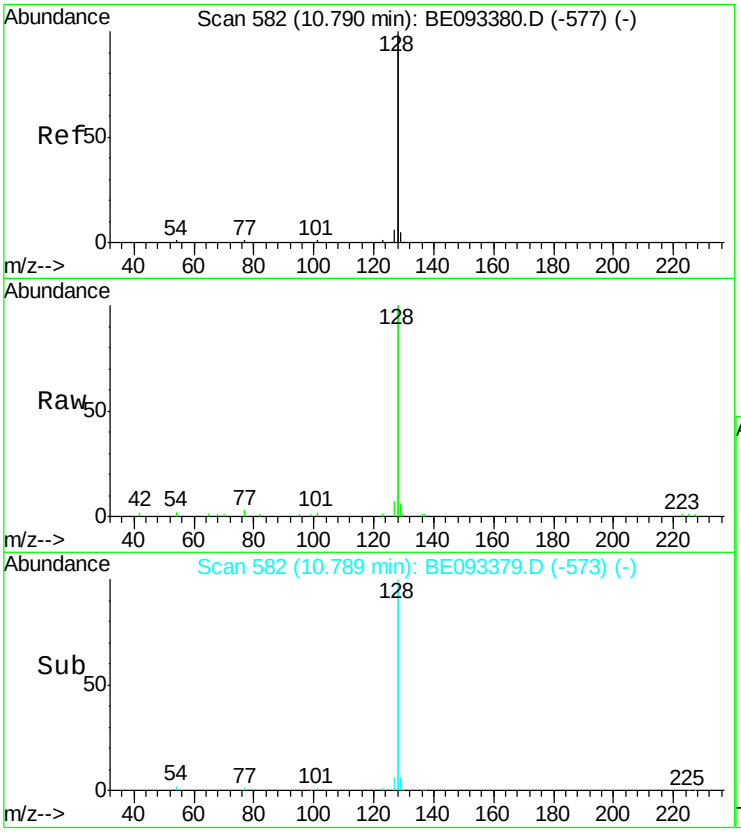


#8
Nitrobenzene-d5
Concen: 0.143 ng
RT: 9.09 min Scan# 481
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion: 82 Resp: 1690

Ion	Ratio	Lower	Upper
82	100		
128	162.5	17.0	25.4#
54	206.6	53.8	80.6#



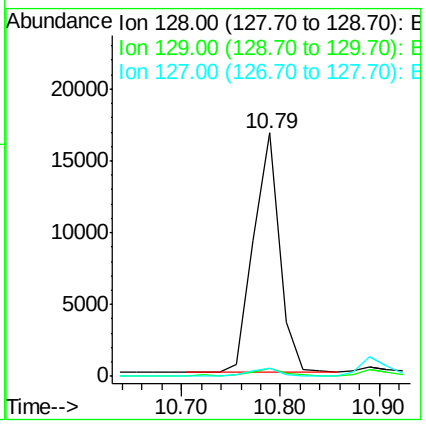


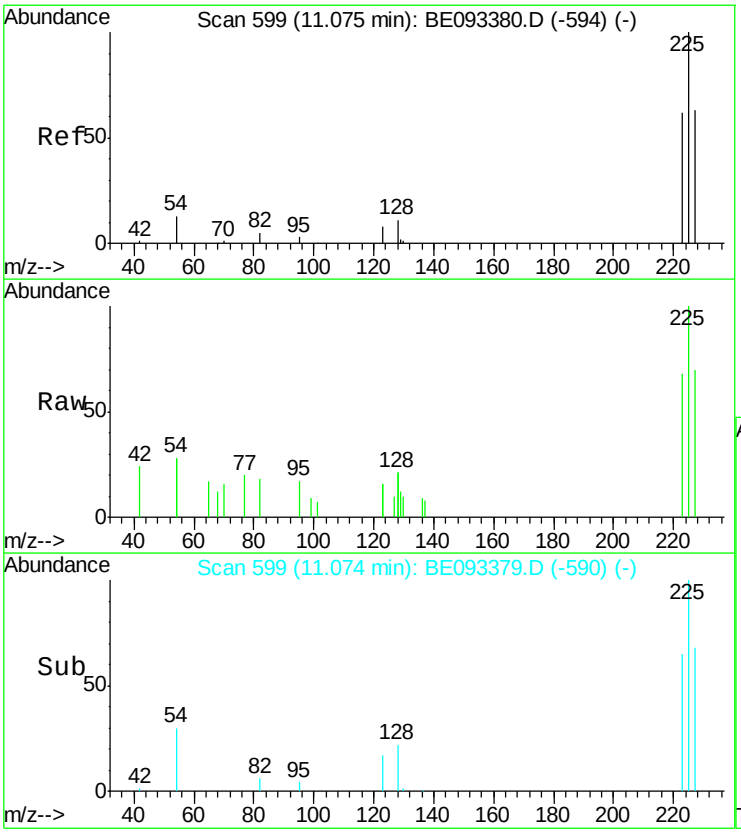
#9
Naphthalene
Concen: 0.764 ng
RT: 10.79 min Scan# 582
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 30362

Ion	Ratio	Lower	Upper
128	100		
129	3.2	11.4	17.0#
127	3.3	11.2	16.8#

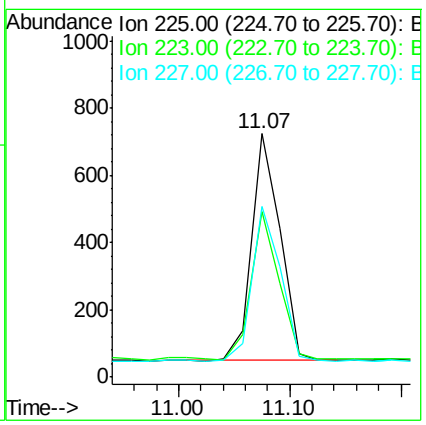


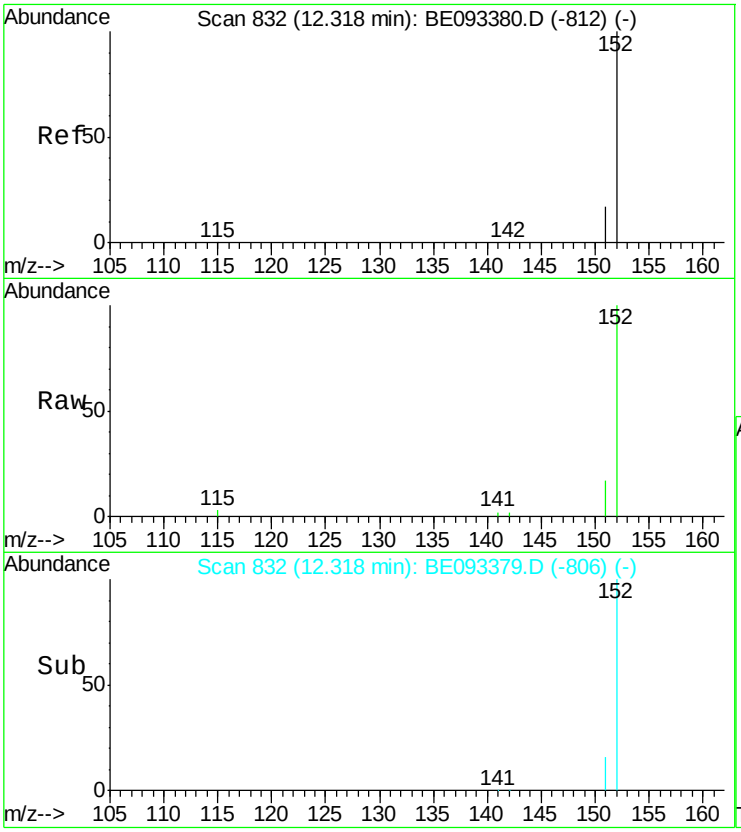


#10
Hexachlorobutadiene
Concen: 0.220 ng
RT: 11.07 min Scan# 599
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:225 Resp: 1187

Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.7	74.5
227	70.0	50.3	75.5



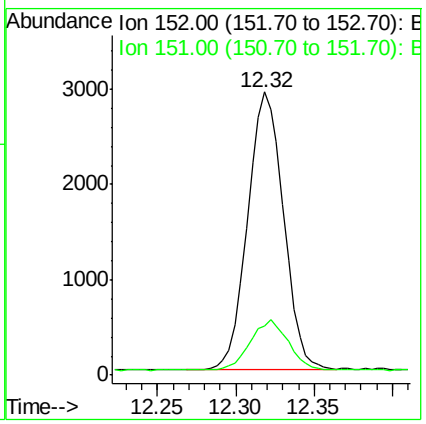


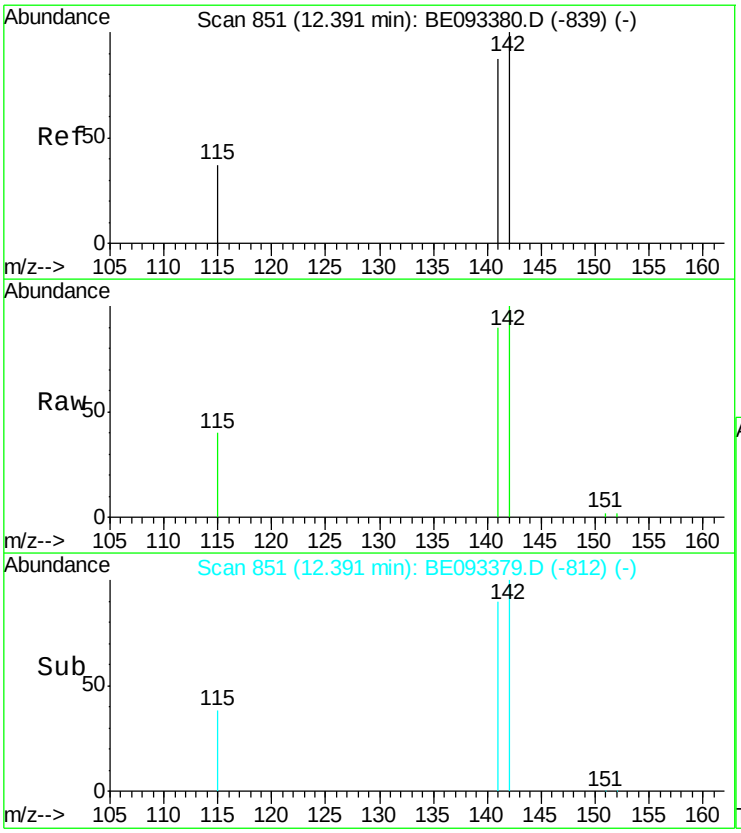
#11
2-Methylnaphthalene-d10
Concen: 0.208 ng
RT: 12.32 min Scan# 832
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4629

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

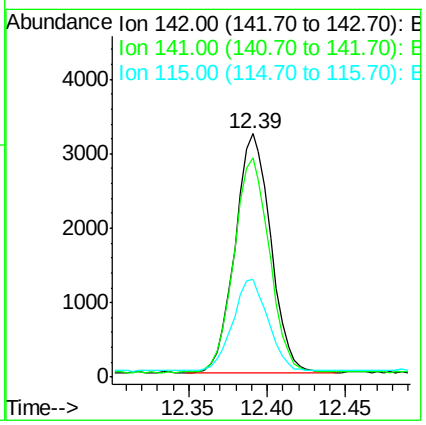


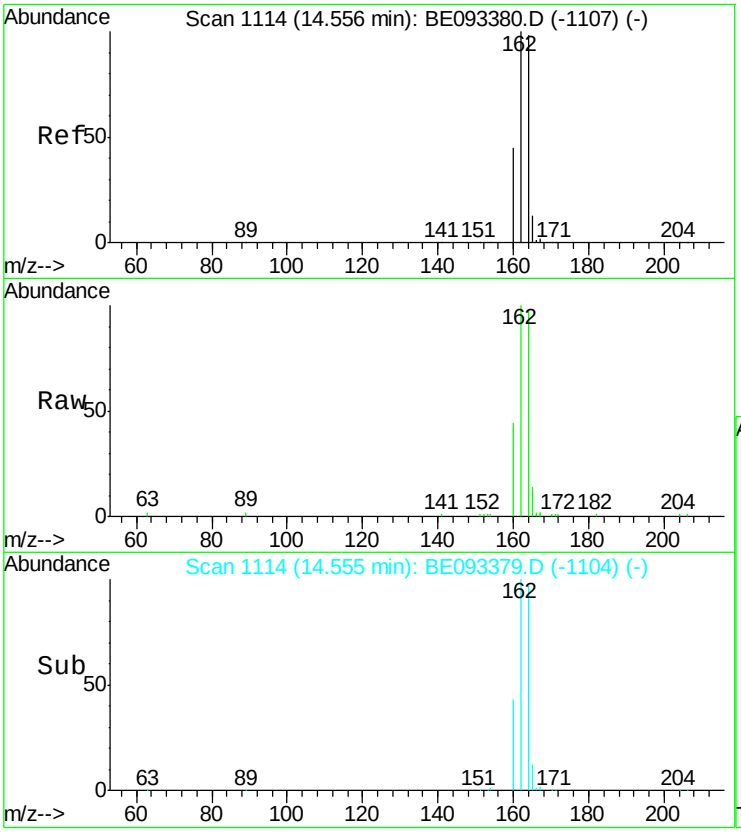


#12
2-Methylnaphthalene
Concen: 0.205 ng
RT: 12.39 min Scan# 851
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:142 Resp: 5054

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.6	108.8
115	40.0	32.2	48.2



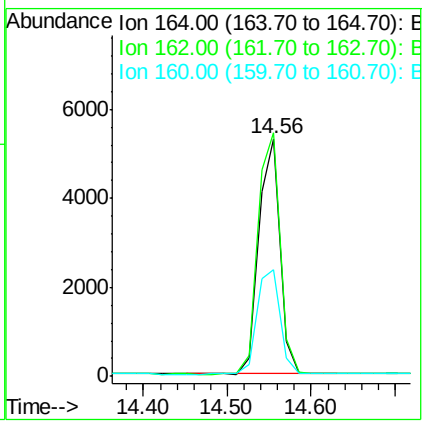


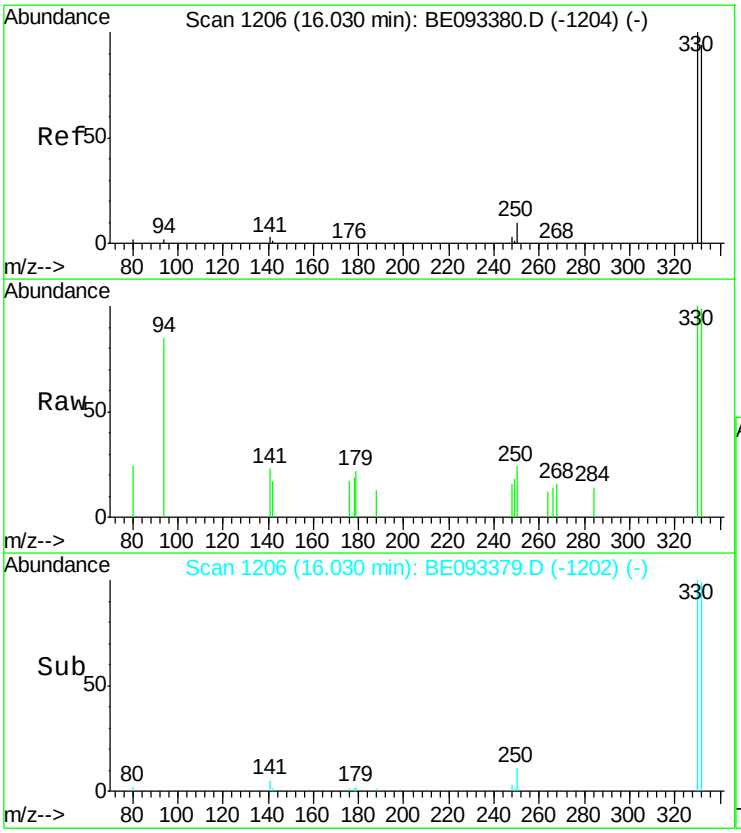
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 9327

Ion	Ratio	Lower	Upper
164	100		
162	102.5	84.6	127.0
160	44.9	41.8	62.6

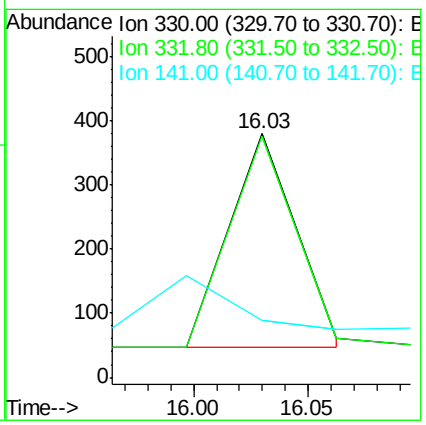


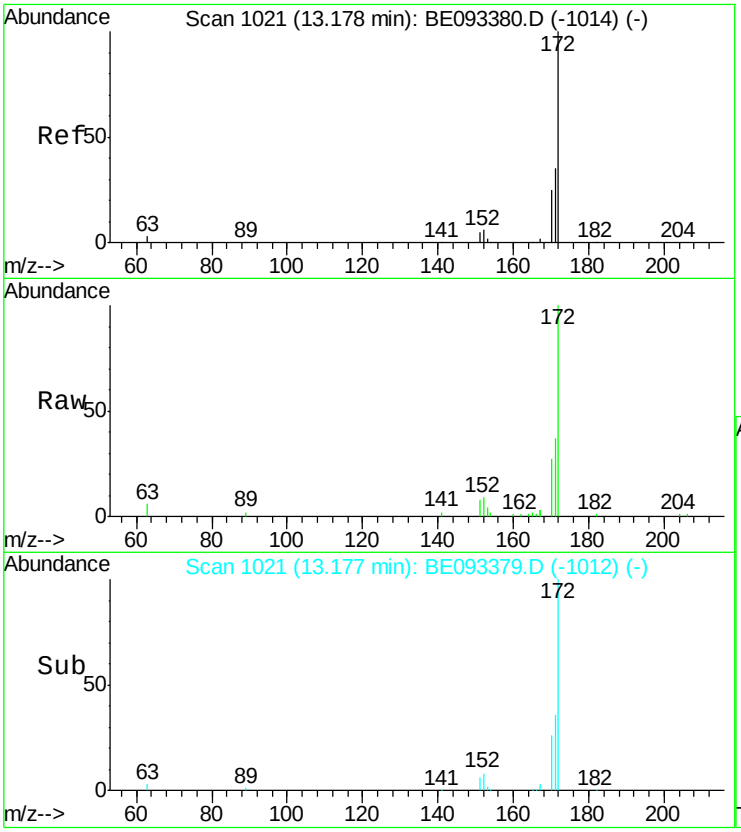


#14
2,4,6-Tribromophenol
Concen: 0.321 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:330 Resp: 682

Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.7	116.5
141	0.0	56.2	84.4#



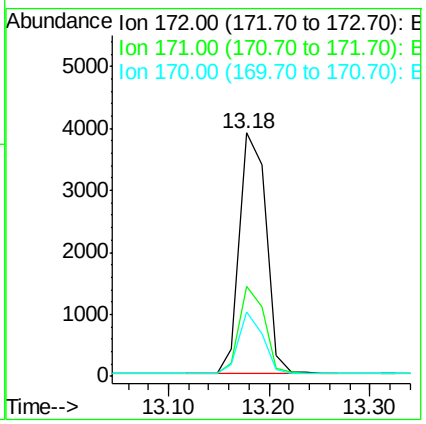


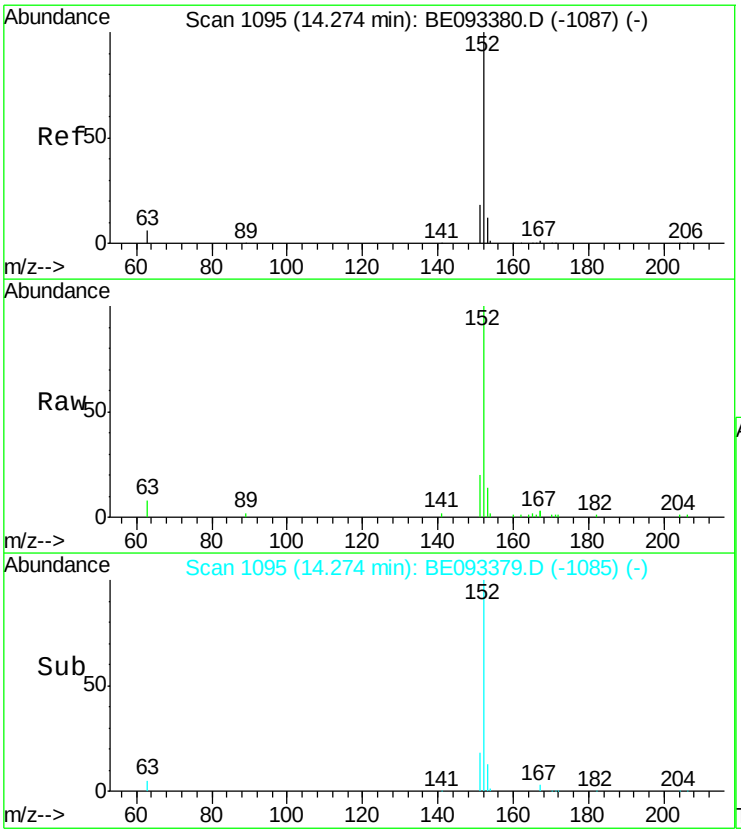
#15
2-Fluorobiphenyl
Concen: 0.178 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 7087

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	26.5	20.7	31.1

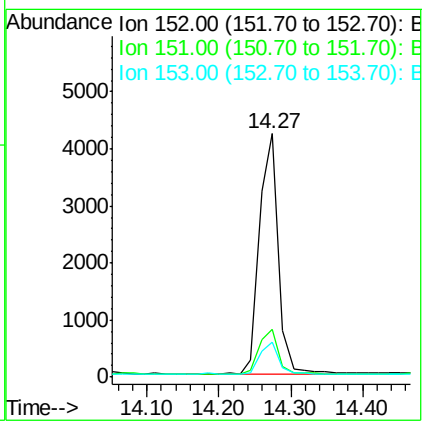


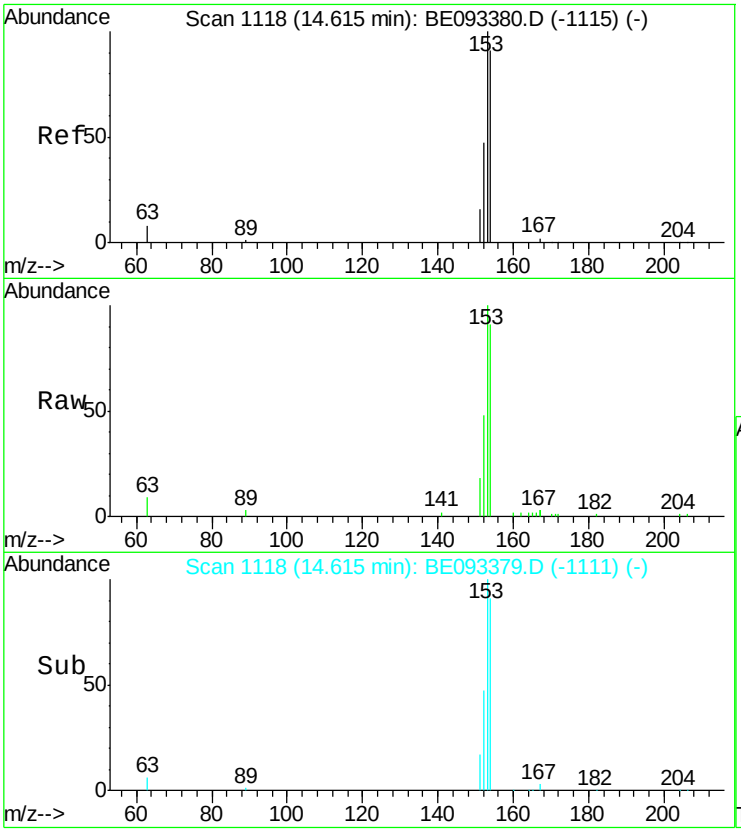


#16
Acenaphthylene
Concen: 0.048 ng
RT: 14.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:152 Resp: 7739

Ion	Ratio	Lower	Upper
152	100		
151	18.8	4.0	6.0#
153	13.1	10.3	15.5



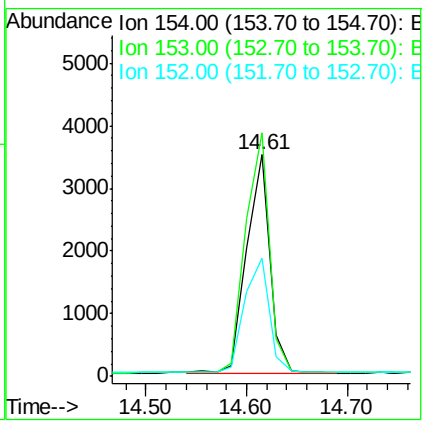


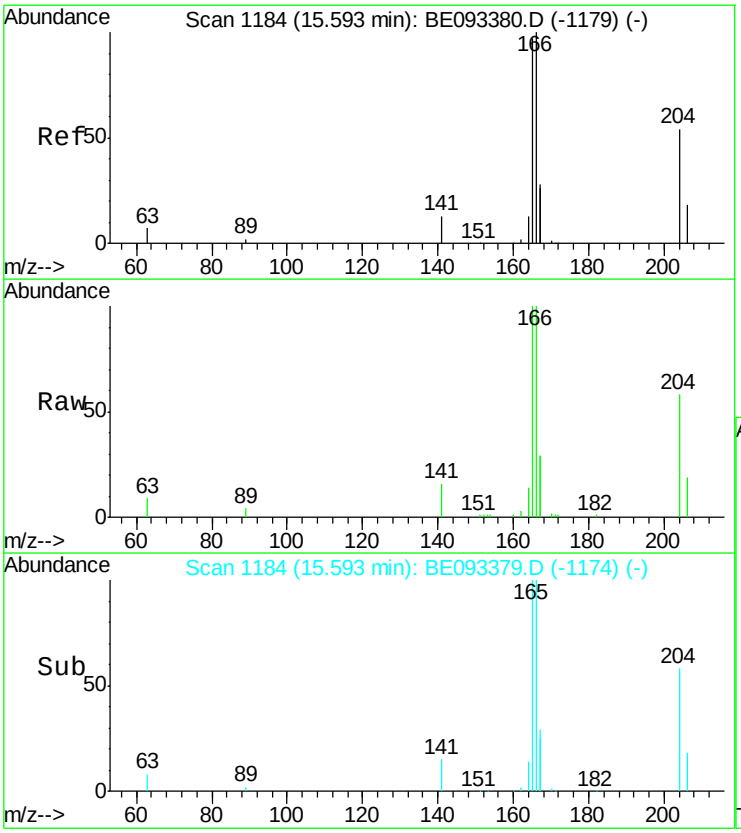
#17
Acenaphthene
Concen: 0.184 ng
RT: 14.61 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5575

Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.2	136.8
152	55.2	44.8	67.2

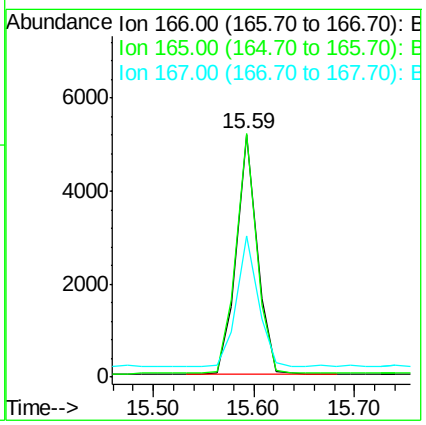


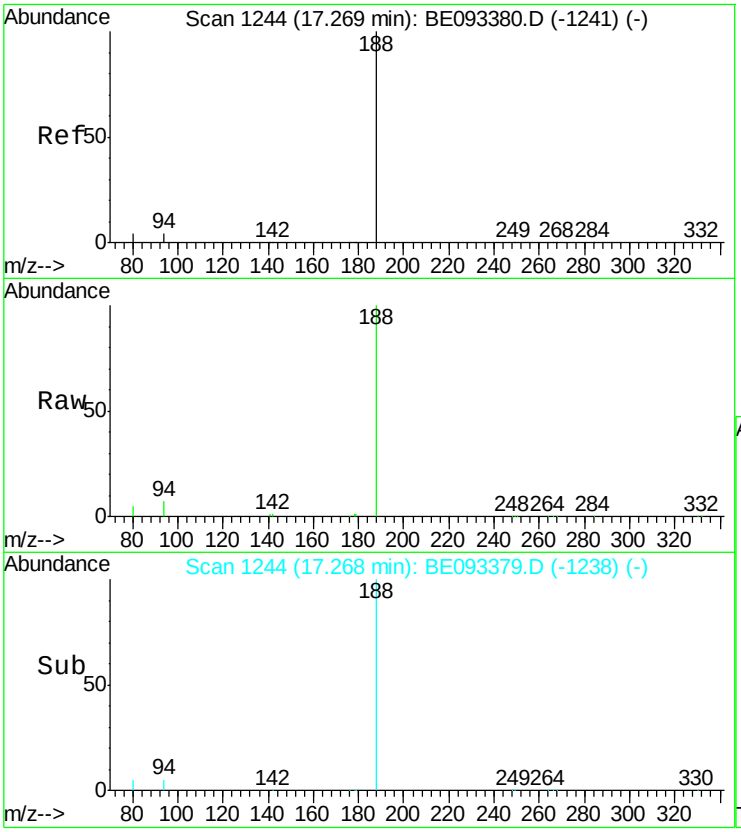


#18
Fluorene
Concen: 0.205 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:166 Resp: 7476

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	56.3	11.1	16.7#



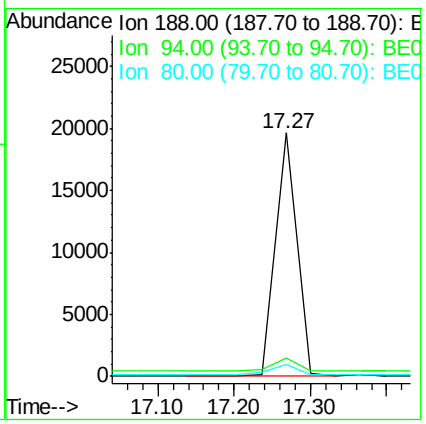


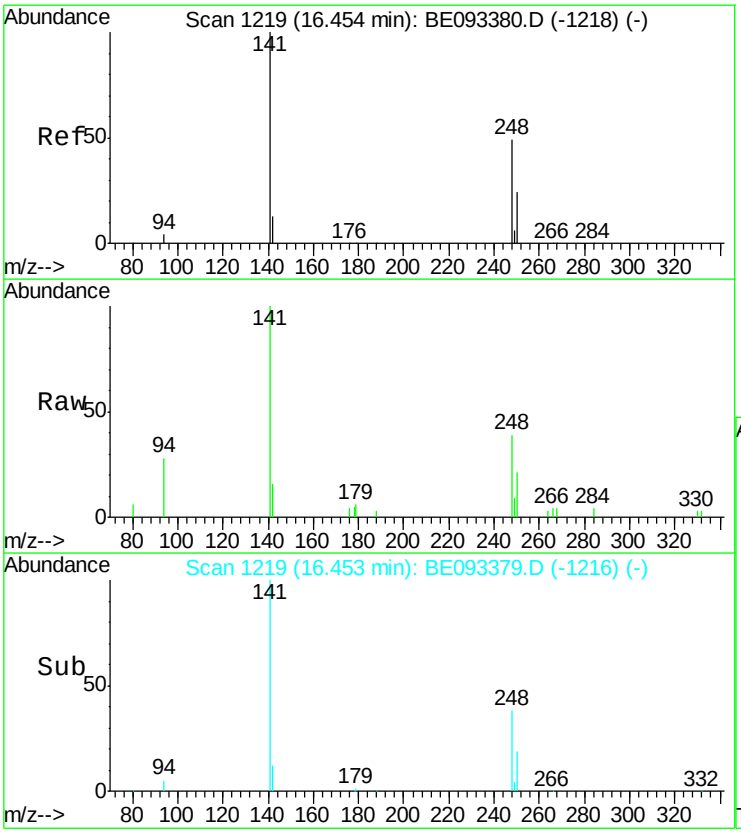
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 38720

Ion	Ratio	Lower	Upper
188	100		
94	7.4	11.3	16.9#
80	5.1	11.7	17.5#

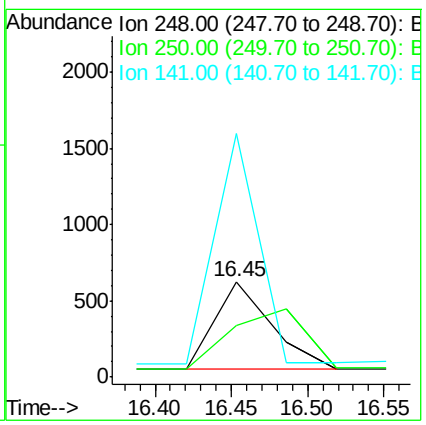


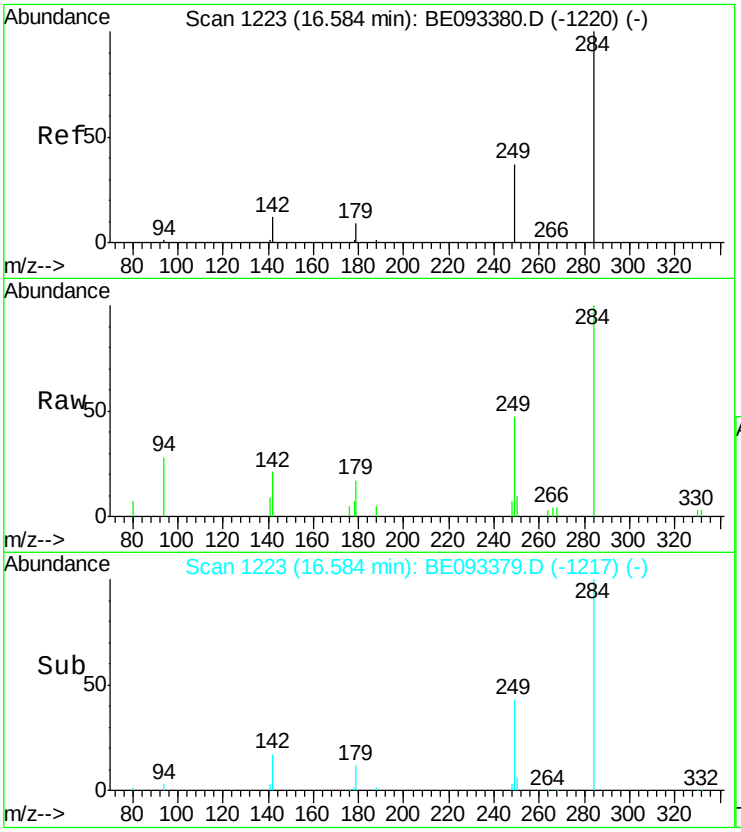


#20
4-Bromophenyl-phenylether
Concen: 0.063 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:248 Resp: 1486

Ion	Ratio	Lower	Upper
248	100		
250	54.5	40.8	61.2
141	254.3	161.6	242.4#



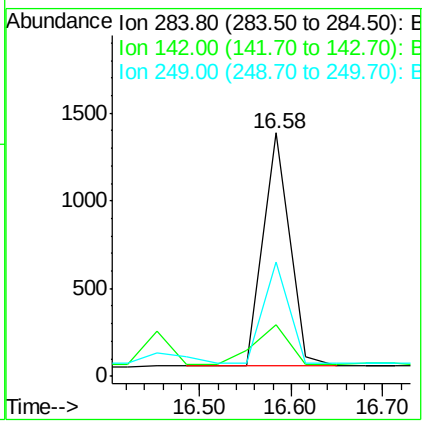


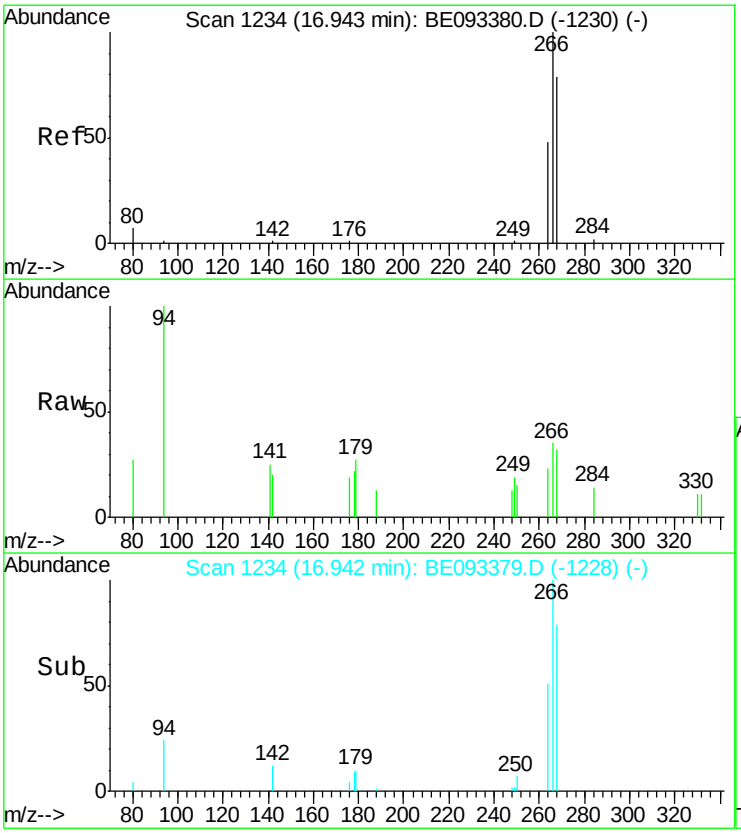
#21
Hexachlorobenzene
Concen: 0.130 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2705

Ion	Ratio	Lower	Upper
284	100		
142	21.6	0.0	0.0#
249	42.0	0.0	0.0#

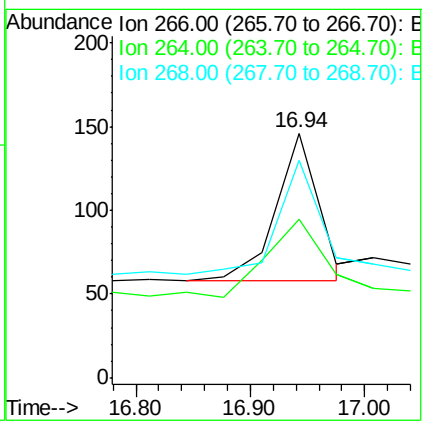


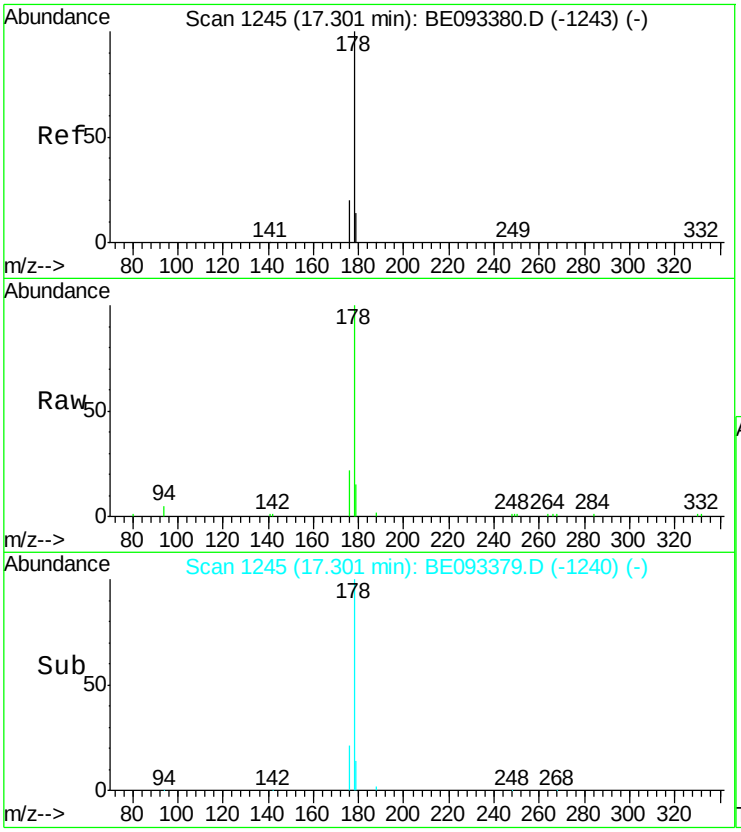


#22
Pentachlorophenol
Concen: 0.034 ng
RT: 16.94 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:266 Resp: 229

Ion	Ratio	Lower	Upper
266	100		
264	65.1	58.2	87.2
268	89.0	71.9	107.9



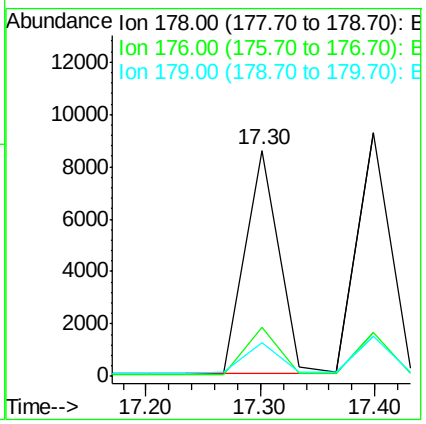


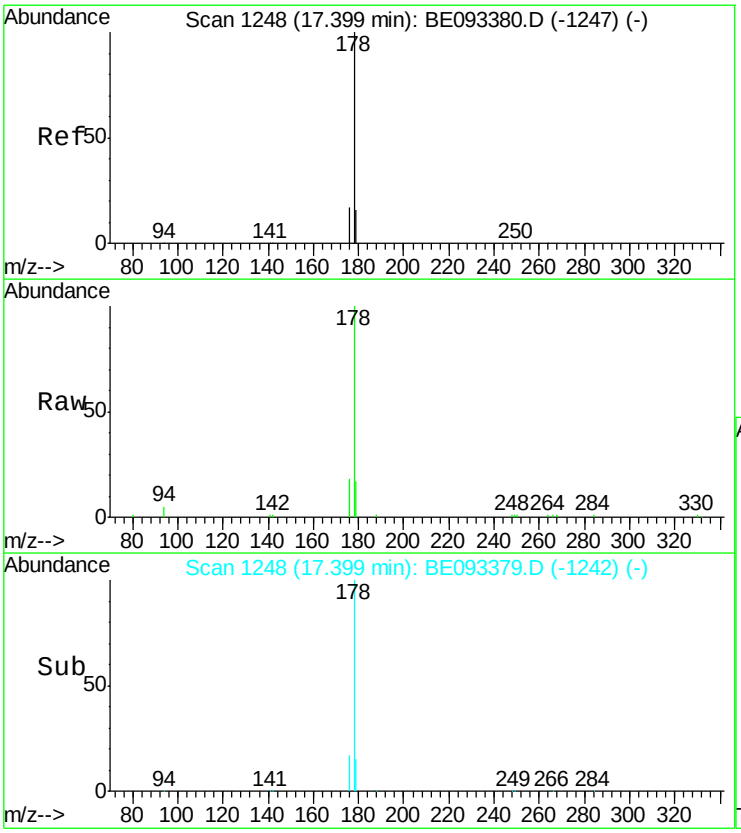
#23
Phenanthrene
Concen: 0.099 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 17306

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.0	22.4
179	14.3	12.7	19.1

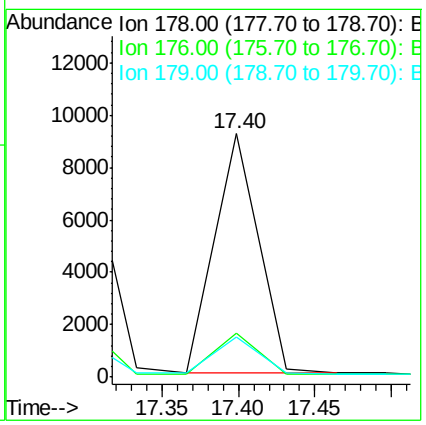


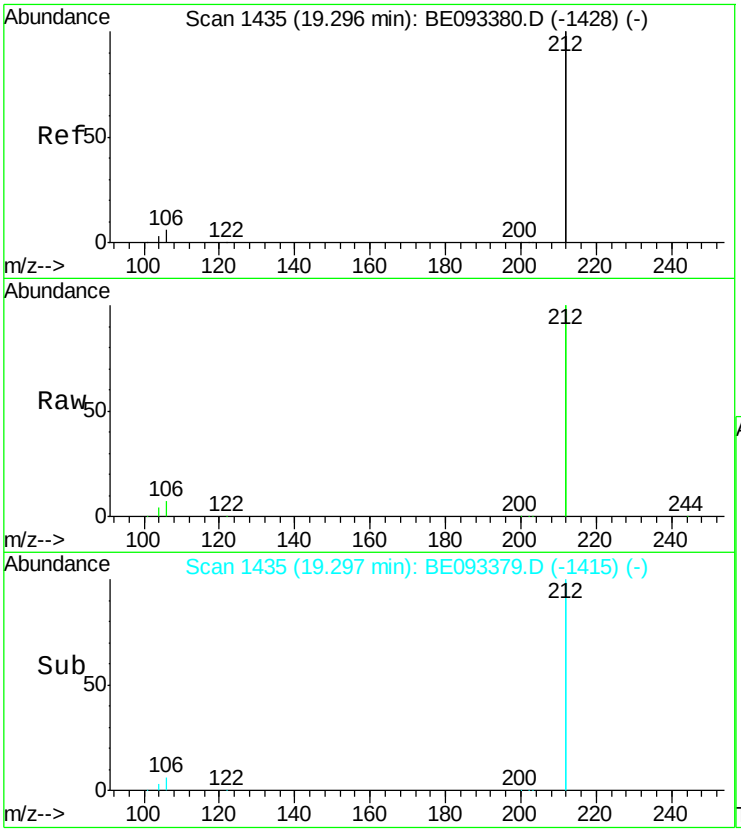


#24
Anthracene
Concen: 0.123 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:178 Resp: 18218

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.6	22.0
179	15.4	12.0	18.0



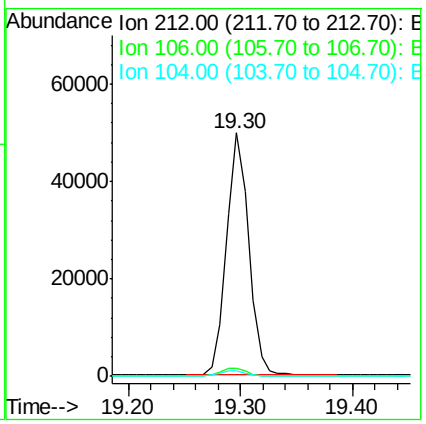


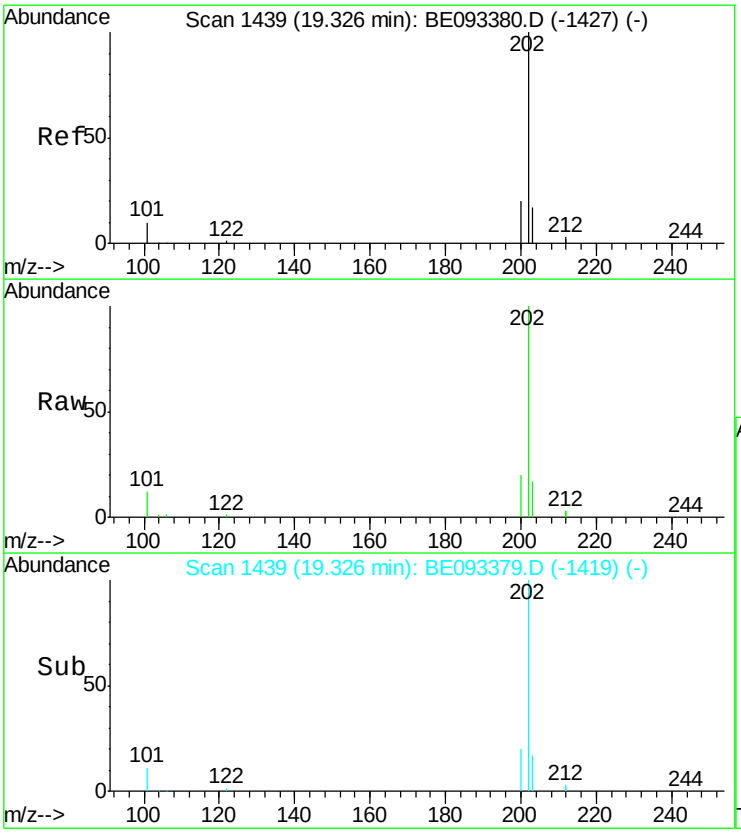
#25
Fluoranthene-d10
Concen: 0.537 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 68458

Ion	Ratio	Lower	Upper
212	100		
106	3.6	0.0	0.0#
104	2.0	0.0	0.0#

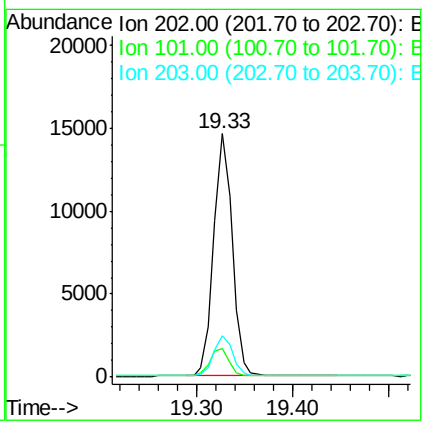


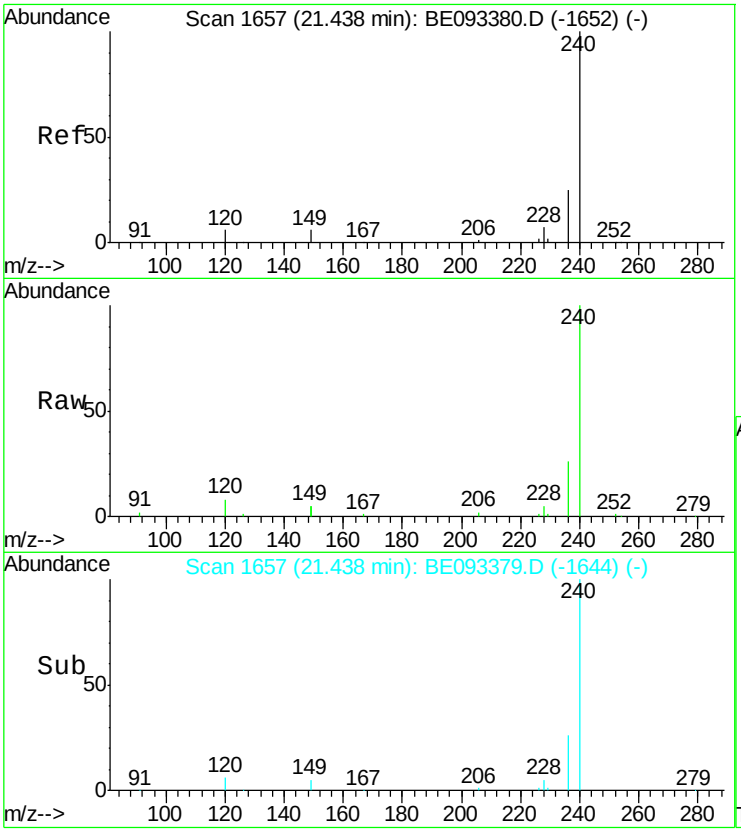


#26
Fluoranthene
Concen: 0.030 ng
RT: 19.33 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:202 Resp: 19302

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	0.0#
203	17.2	14.4	21.6



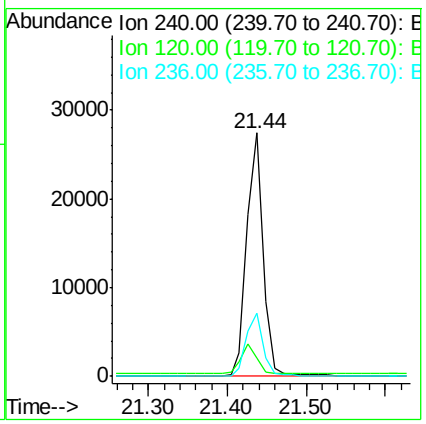


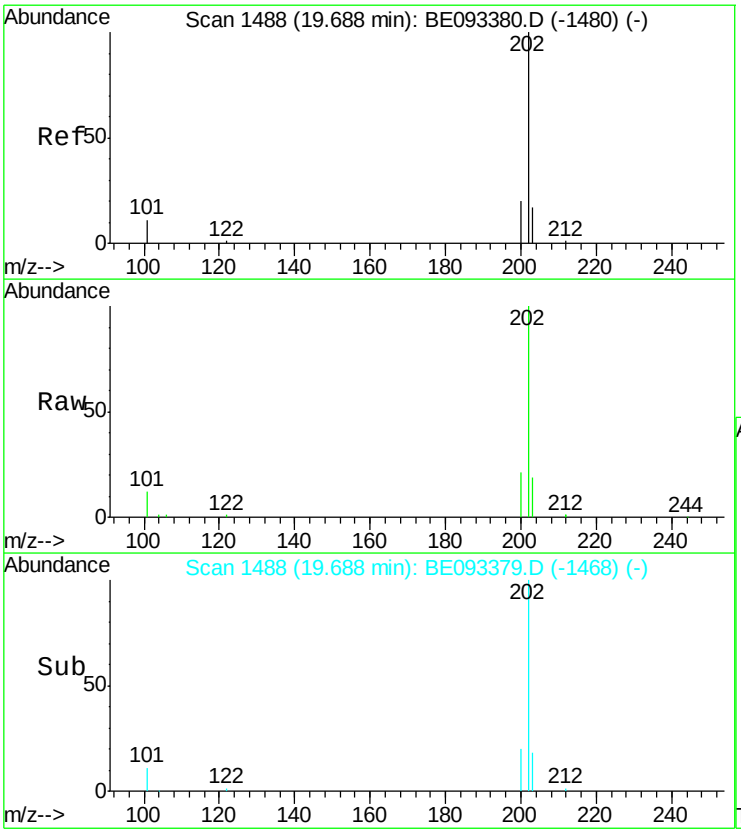
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 38799

Ion	Ratio	Lower	Upper
240	100		
120	7.5	4.6	7.0#
236	25.9	20.8	31.2

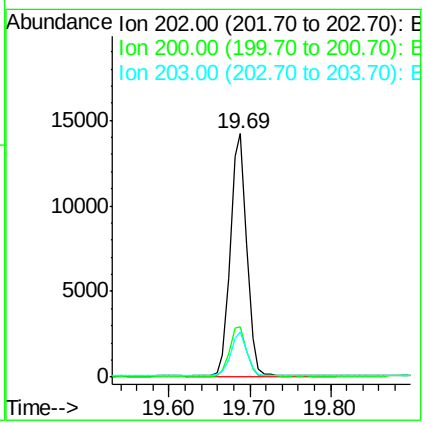


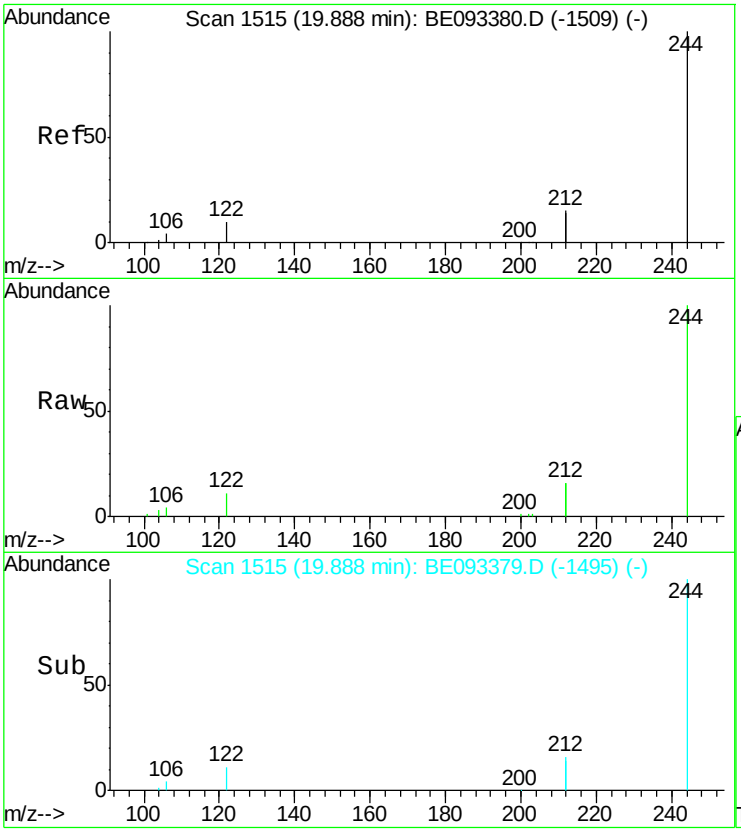


#28
Pyrene
Concen: 0.042 ng
RT: 19.69 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:202 Resp: 19969

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



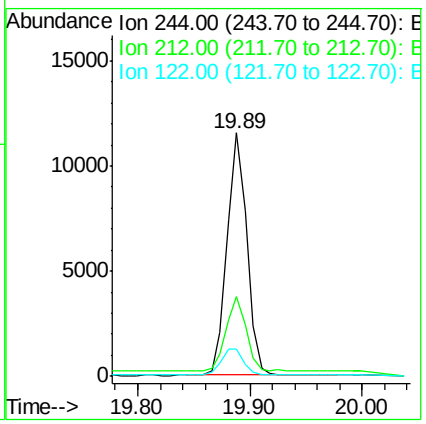


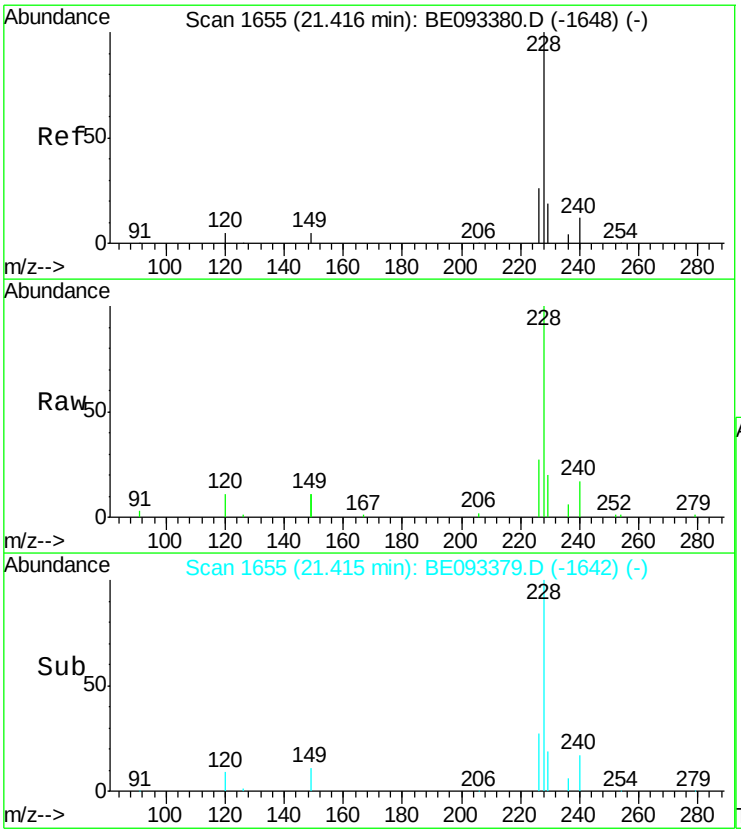
#29
Terphenyl-d14
Concen: 0.190 ng
RT: 19.89 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 14192

Ion	Ratio	Lower	Upper
244	100		
212	32.8	10.6	16.0#
122	11.2	15.4	23.0#

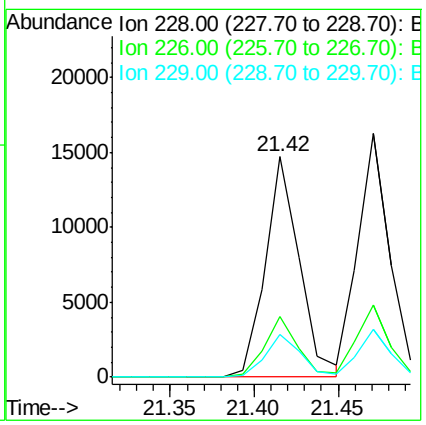


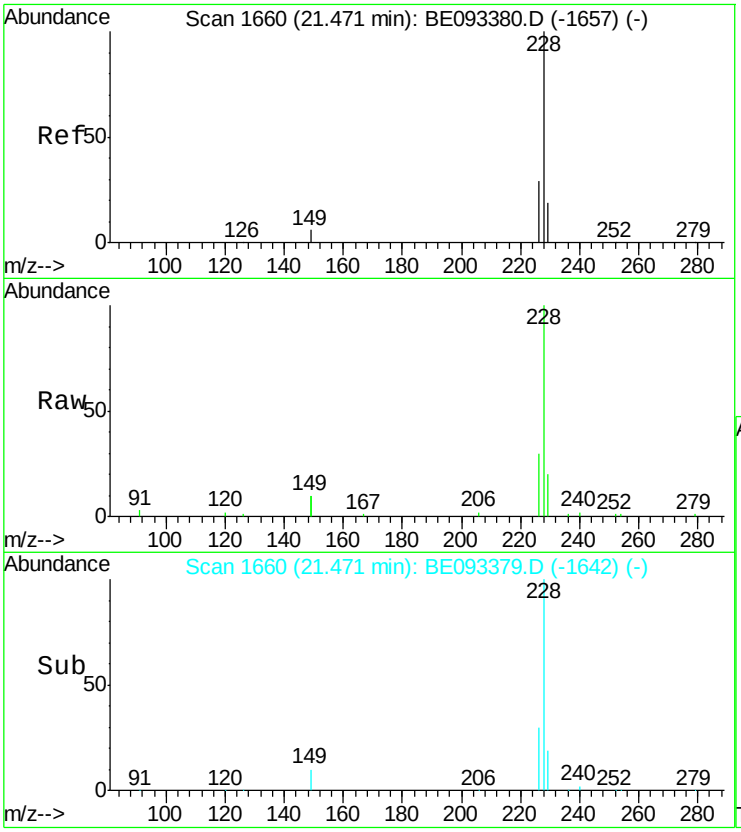


#30
Benzo(a)anthracene
Concen: 0.196 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:228 Resp: 20568

Ion	Ratio	Lower	Upper
228	100		
226	27.4	19.7	29.5
229	19.5	19.2	28.8



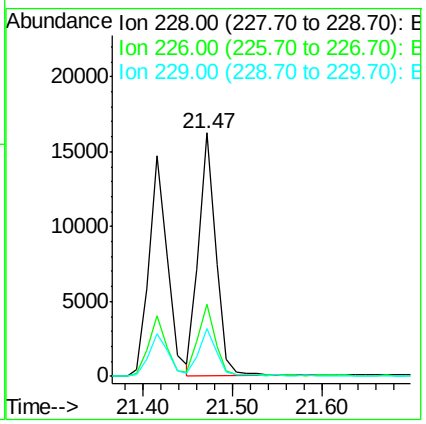


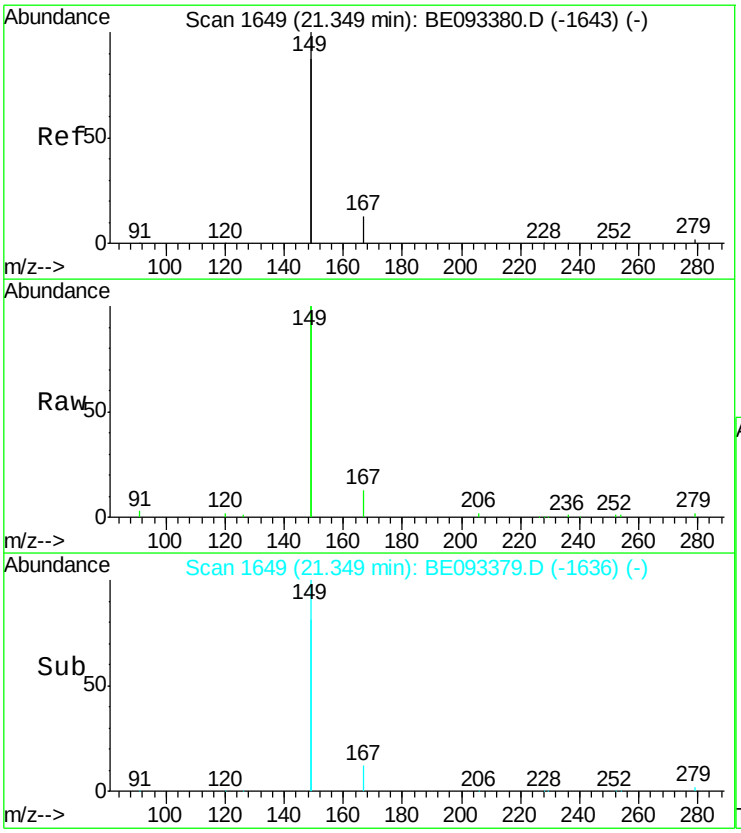
#31
Chrysene
Concen: 0.193 ng
RT: 21.47 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 21541

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.5	32.3
229	19.7	18.6	28.0

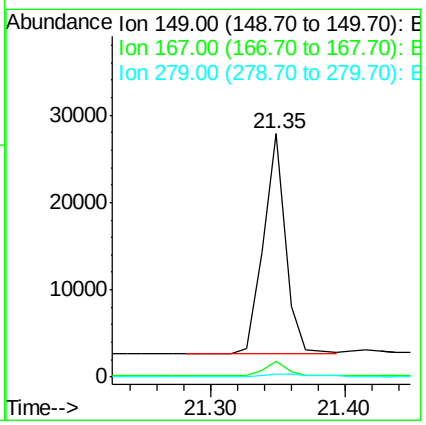


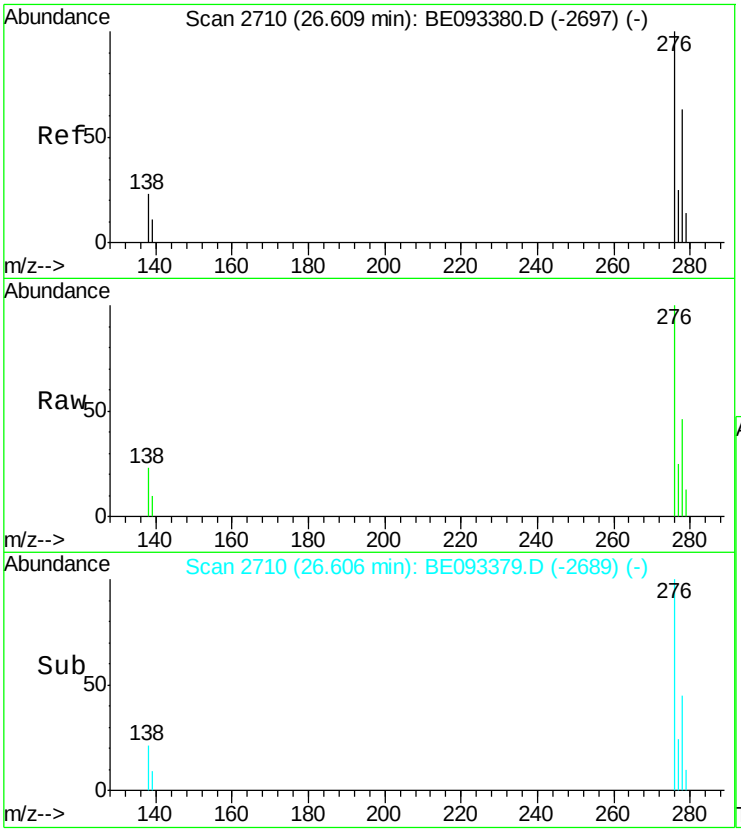


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.572 ng
RT: 21.35 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:149 Resp: 29159

Ion	Ratio	Lower	Upper
149	100		
167	6.5	20.1	30.1#
279	1.5	2.2	3.4#



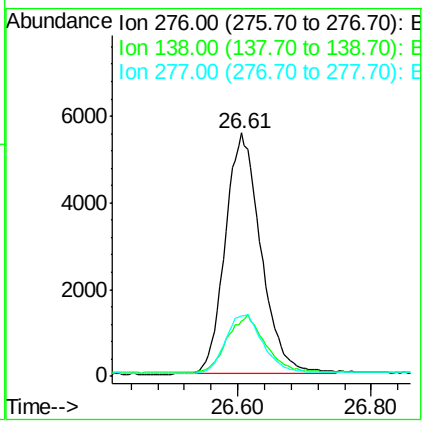


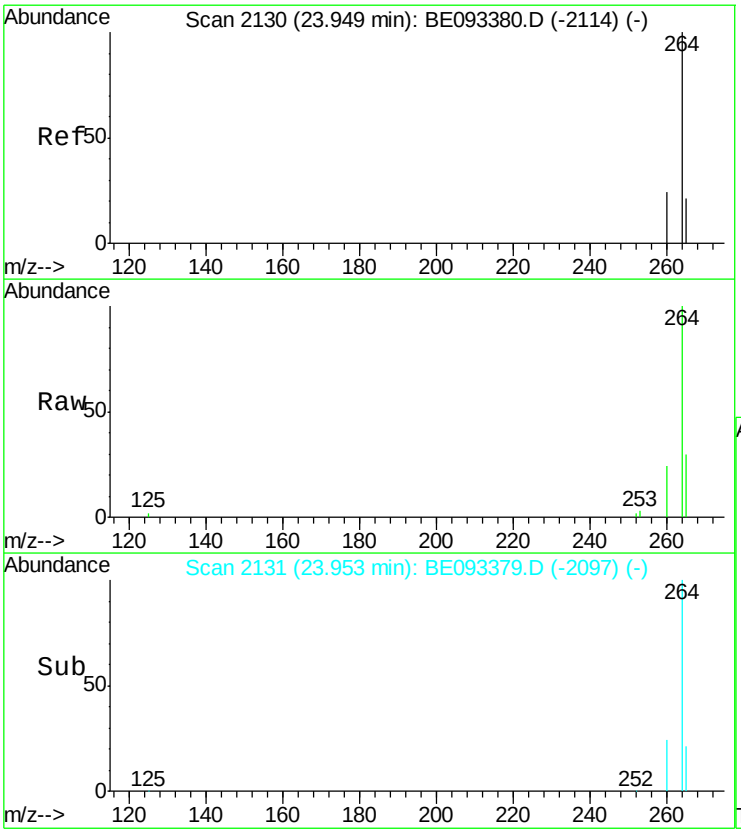
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng
RT: 26.61 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 20640

Ion	Ratio	Lower	Upper
276	100		
138	25.5	27.4	41.2#
277	25.5	20.1	30.1

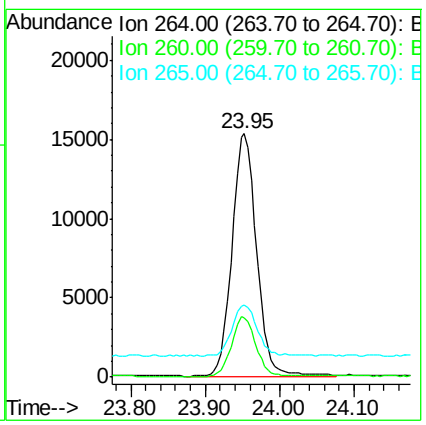


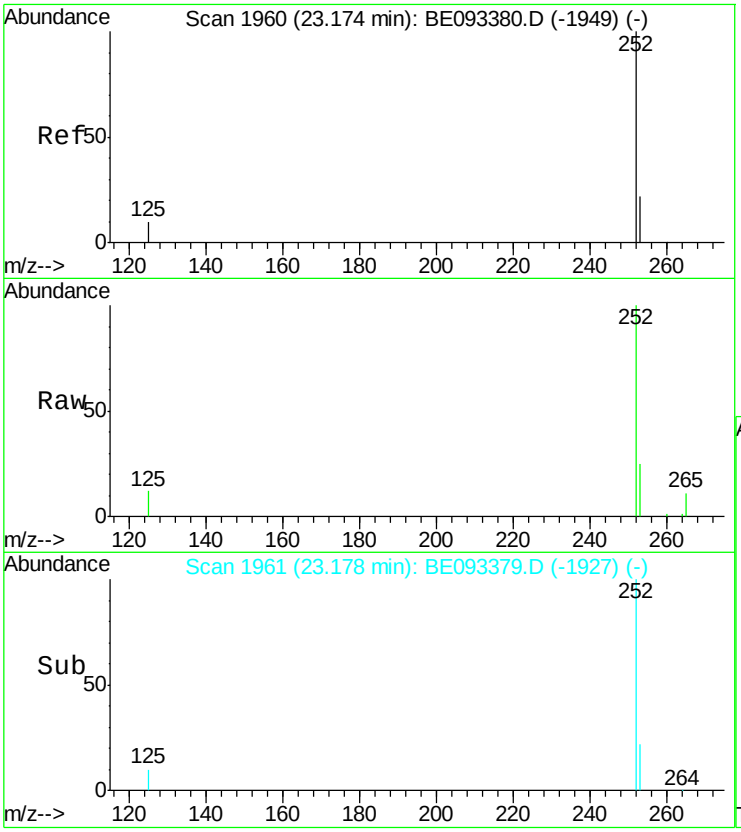


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:264 Resp: 34825

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.0	31.4
265	29.9	24.6	36.8



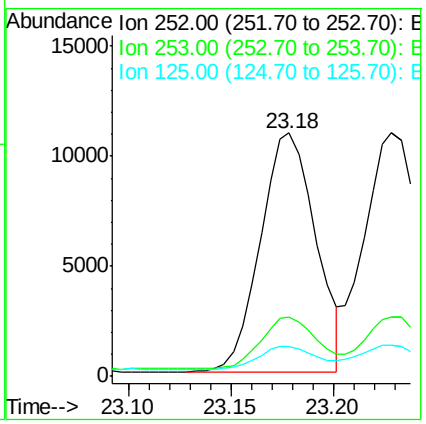


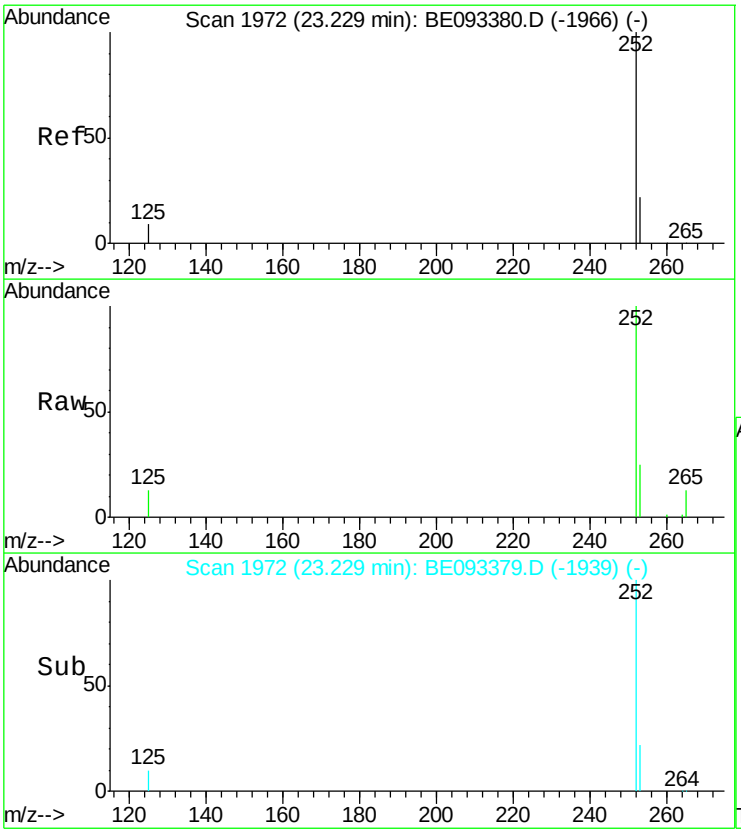
#35
Benzo(b)fluoranthene
Concen: 0.182 ng
RT: 23.18 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 20415

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	12.2	13.4	20.0#

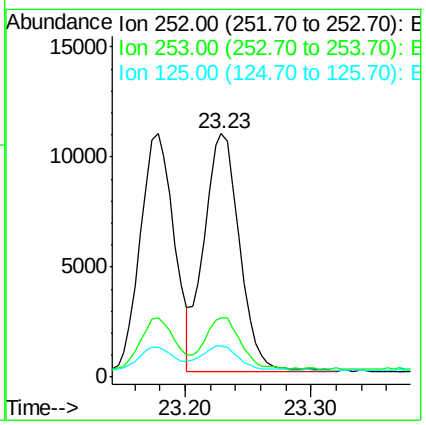


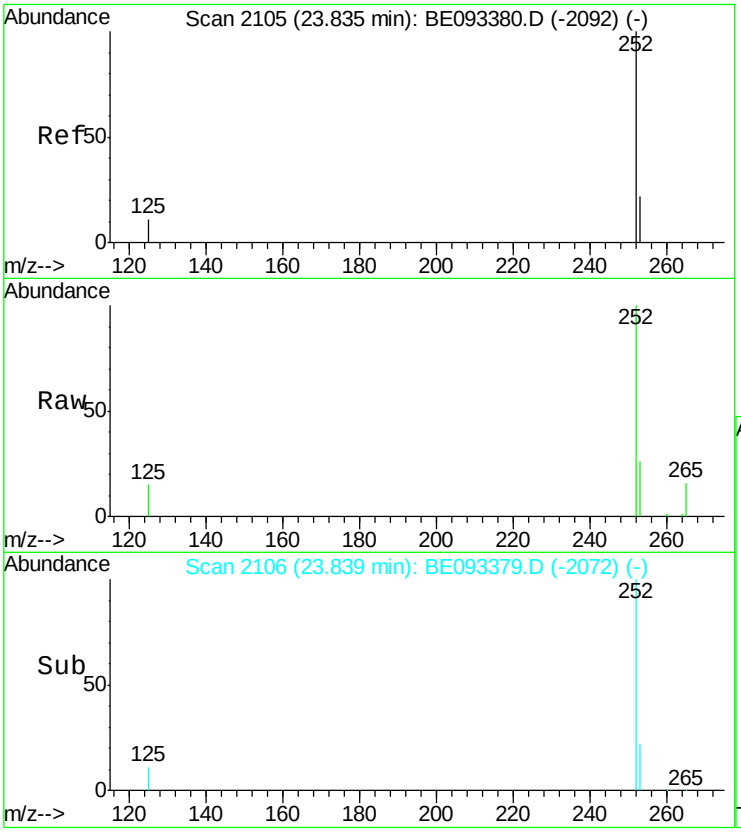


#36
Benzo(k)fluoranthene
Concen: 0.197 ng
RT: 23.23 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:252 Resp: 21227

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.3	30.5
125	12.9	12.2	18.4



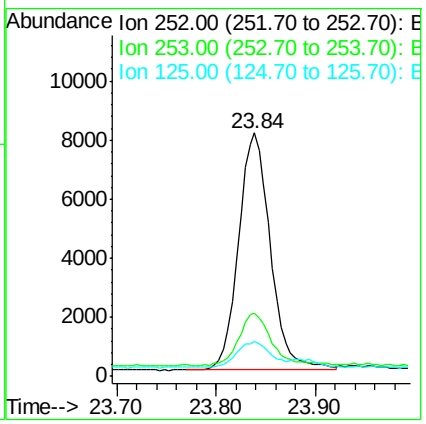


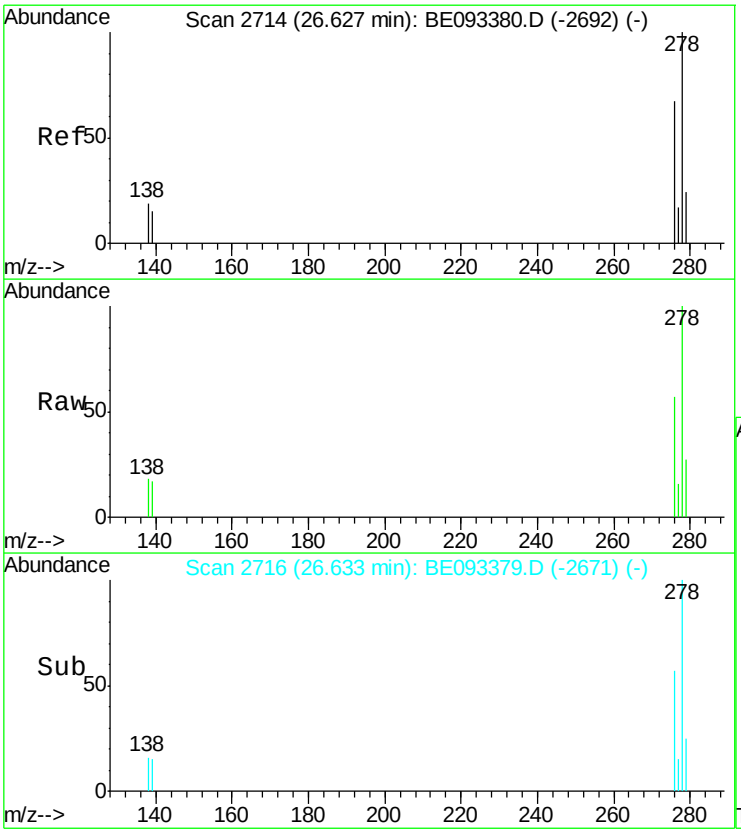
#37
Benzo(a)pyrene
Concen: 0.187 ng
RT: 23.84 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 18046

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.9	29.9
125	14.6	14.6	21.8

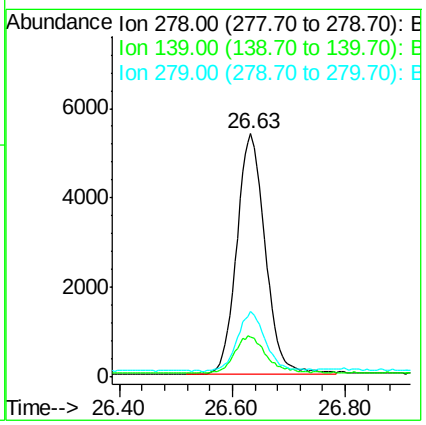


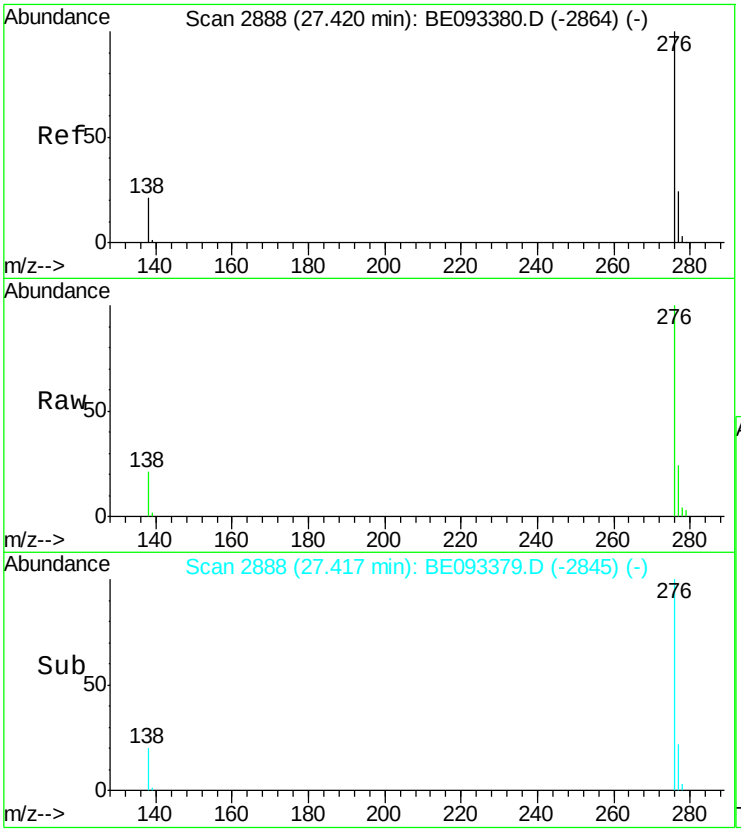


#38
Dibenzo(a,h)anthracene
Concen: 0.182 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.01 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Tgt Ion:278 Resp: 18330

Ion	Ratio	Lower	Upper
278	100		
139	16.6	21.4	32.0#
279	27.1	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.047 ng
RT: 27.42 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BE093379.D
Acq: 30 Jun 2017 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 19265

Ion	Ratio	Lower	Upper
276	100		
277	23.5	21.2	31.8
138	21.5	24.5	36.7#