Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082617\
Data File : BE093885.D
Acq On : 26 Aug 2017 11:36
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Aug 28 02:07:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 01:59:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1886	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	9779	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	5349	0.40	ng		-0.01
19) Phenanthrene-d10	17.24	188	14004	0.40	ng		0.00
27) Chrysene-d12	21.42	240	12738	0.40	ng		0.00
34) Perylene-d12	23.92	264	10576	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	9694	1.60	ng		0.00
5) Phenol-d6	7.09	99	14915	1.62	ng		0.00
8) Nitrobenzene-d5	9.06	82	13610	1.63	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	25163	1.61	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	2425	1.68	ng		-0.03
15) 2-Fluorobiphenyl	13.15	172	34231	1.63	ng		-0.01
25) Fluoranthene-d10	19.27	212	227868	1.43	ng		0.00
29) Terphenyl-d14	19.86	244	37701	1.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	3682	1.315	ng		92
3) n-Nitrosodimethylamine	3.74	42	5123	1.771	ng	#	95
6) bis(2-Chloroethyl)ether	7.33	93	11536	1.613	ng		98
9) Naphthalene	10.76	128	176730	1.579	ng		99
10) Hexachlorobutadiene	11.04	225	6355	1.546	ng		99
12) 2-Methylnaphthalene	12.36	142	30151	1.603	ng		100
16) Acenaphthylene	14.24	152	45245	1.696	ng		100
17) Acenaphthene	14.59	154	29568	1.647	ng		98
18) Fluorene	15.56	166	37649	1.620	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	6877	1.606	ng	#	1
21) Hexachlorobenzene	16.55	284	6212	1.421	ng	#	100
22) Pentachlorophenol	16.91	266	3661	1.332	ng	#	90
23) Phenanthrene	17.27	178	49995	1.630	ng	#	63
24) Anthracene	17.37	178	70744	1.624	ng	#	98
26) Fluoranthene	19.30	202	68312	1.400	ng		99
28) Pyrene	19.66	202	69866	1.676	ng		100
30) Benzo(a)anthracene	21.39	228	62476	1.572	ng		98
31) Chrysene	21.45	228	68454	1.661	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	128188	1.525	ng		100
33) Indeno(1,2,3-cd)pyrene	26.57	276	46981	1.252	ng		99
35) Benzo(b)fluoranthene	23.15	252	57718	1.619	ng		96
36) Benzo(k)fluoranthene	23.20	252	60492	1.615	ng		99
37) Benzo(a)pyrene	23.81	252	54175	1.590	ng		95
38) Dibenzo(a,h)anthracene	26.59	278	40323	1.310	ng		94
39) Benzo(g,h,i)perylene	27.39	276	41672	1.337	ng		96

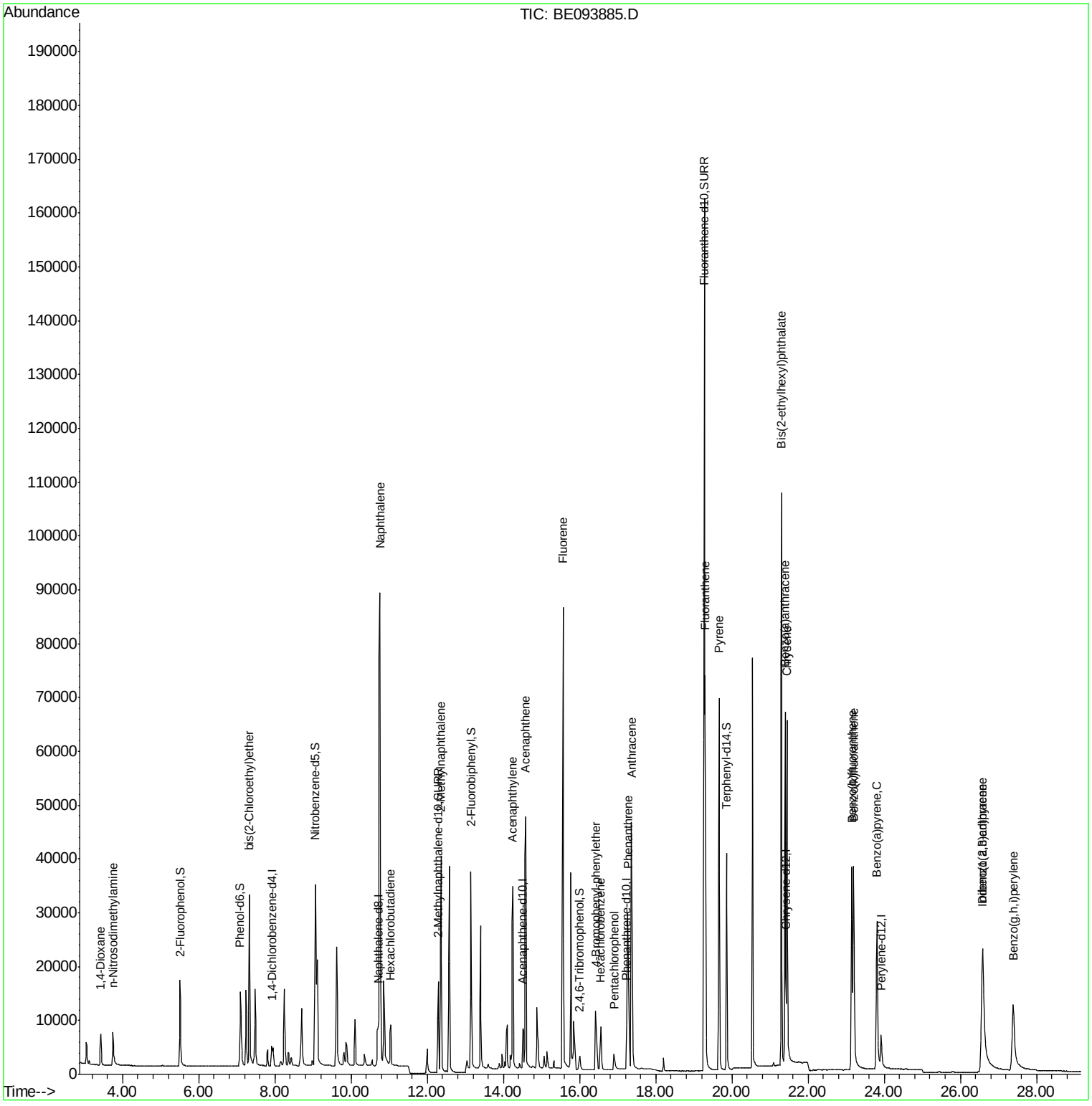
(#) = qualifier out of range (m) = manual integration (+) = signals summed

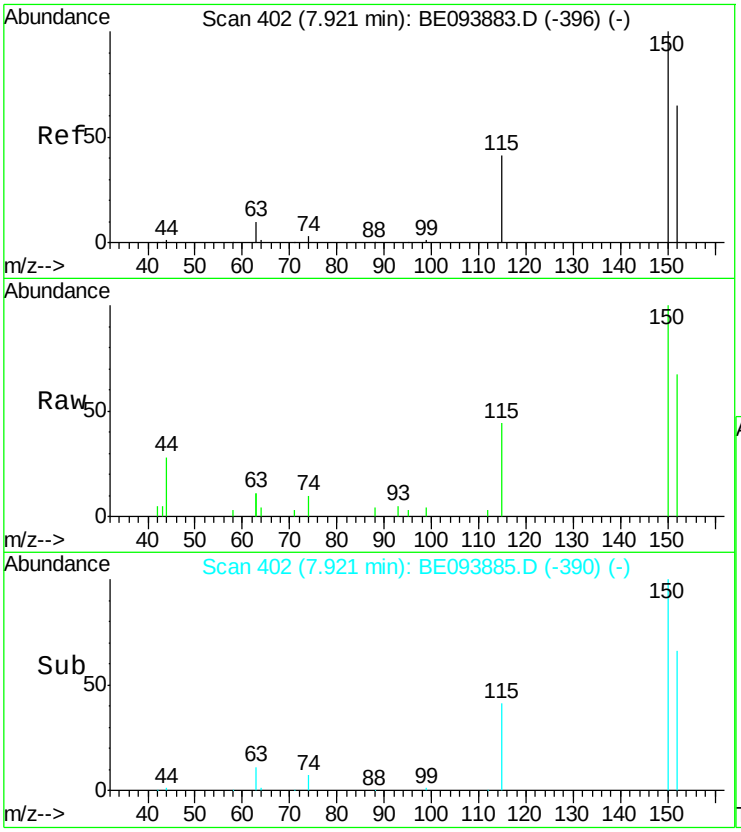
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082617\
Data File : BE093885.D
Acq On : 26 Aug 2017 11:36
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Aug 28 02:07:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 01:59:34 2017
Response via : Initial Calibration



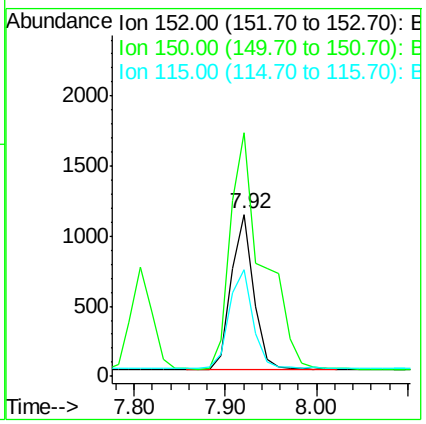


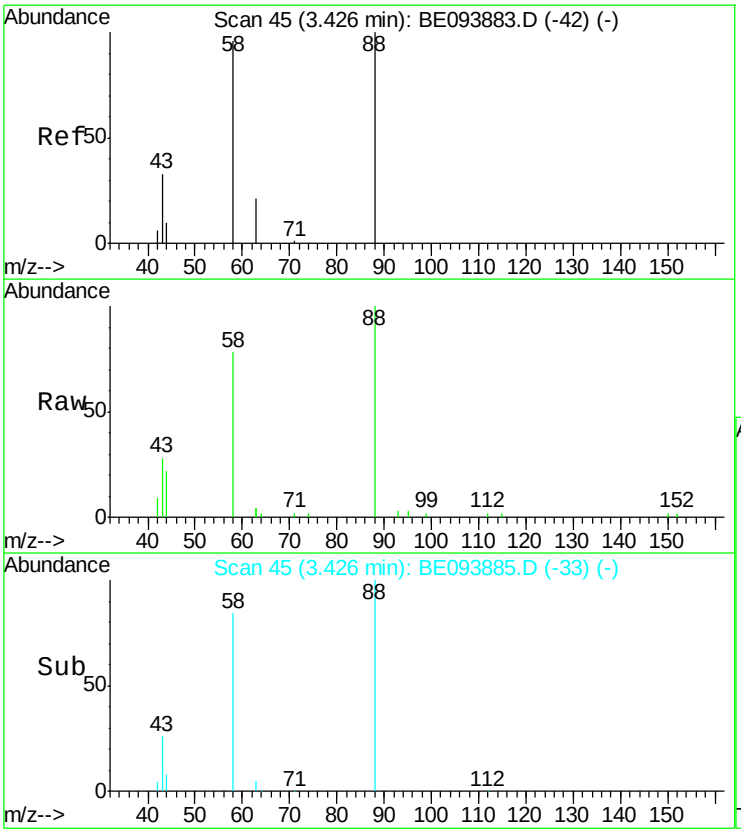
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 1886

Ion	Ratio	Lower	Upper
152	100		
150	150.3	121.8	182.6
115	65.5	52.6	79.0

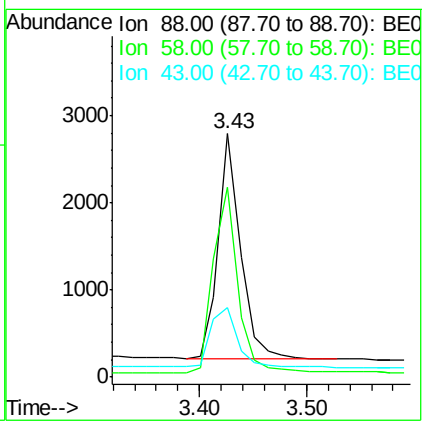


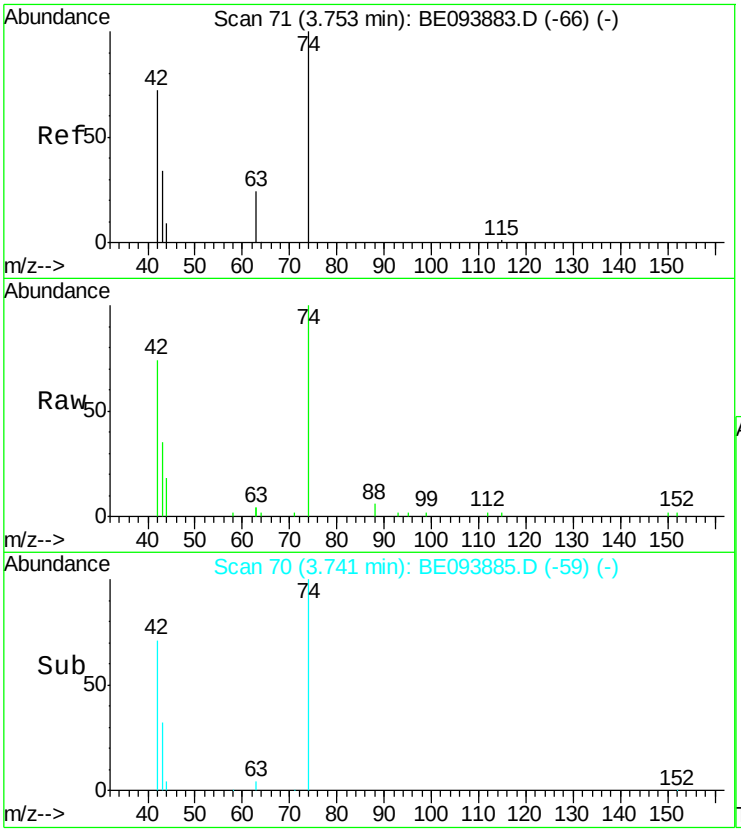


#2
1,4-Dioxane
Concen: 1.315 ng
RT: 3.43 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion: 88 Resp: 3682

Ion	Ratio	Lower	Upper
88	100		
58	90.7	65.4	98.0
43	32.0	23.9	35.9



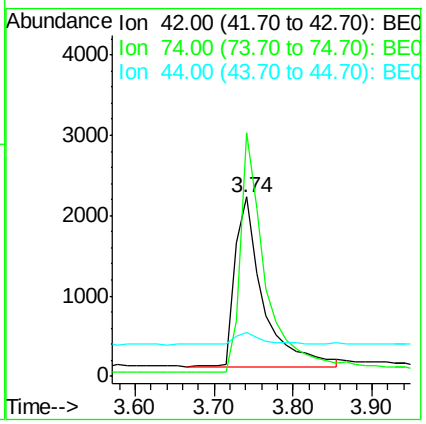


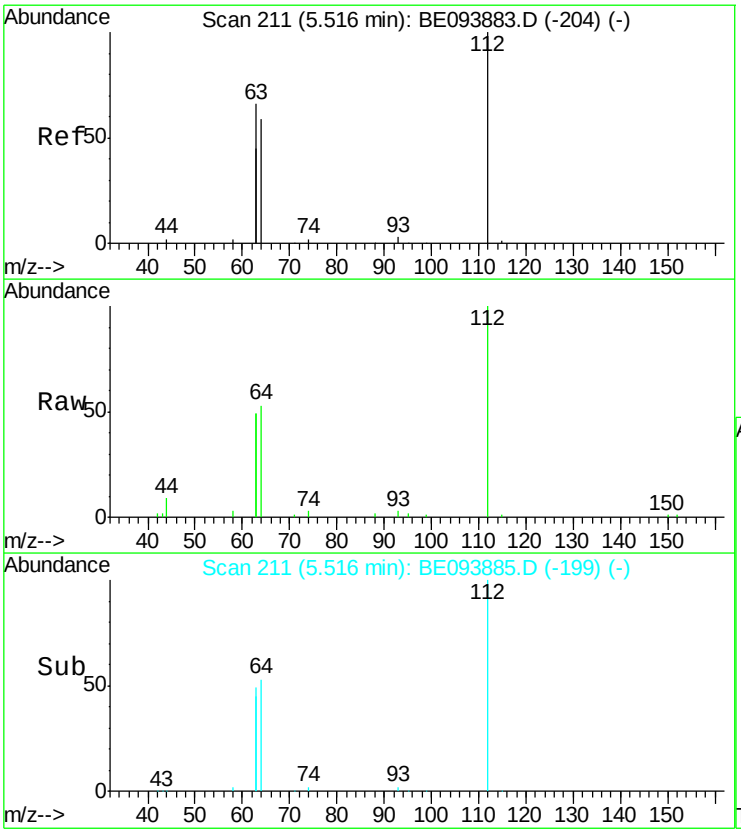
#3
n-Nitrosodimethylamine
Concen: 1.771 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 5123

Ion	Ratio	Lower	Upper
42	100		
74	127.2	104.0	156.0
44	7.5	13.8	20.8#

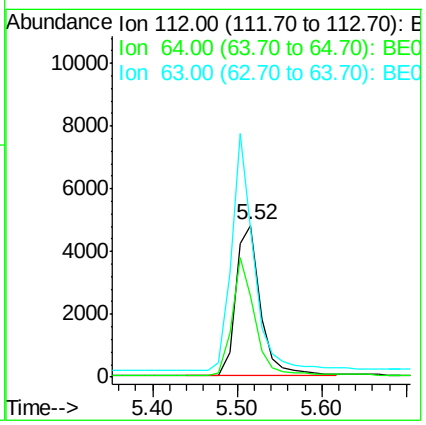


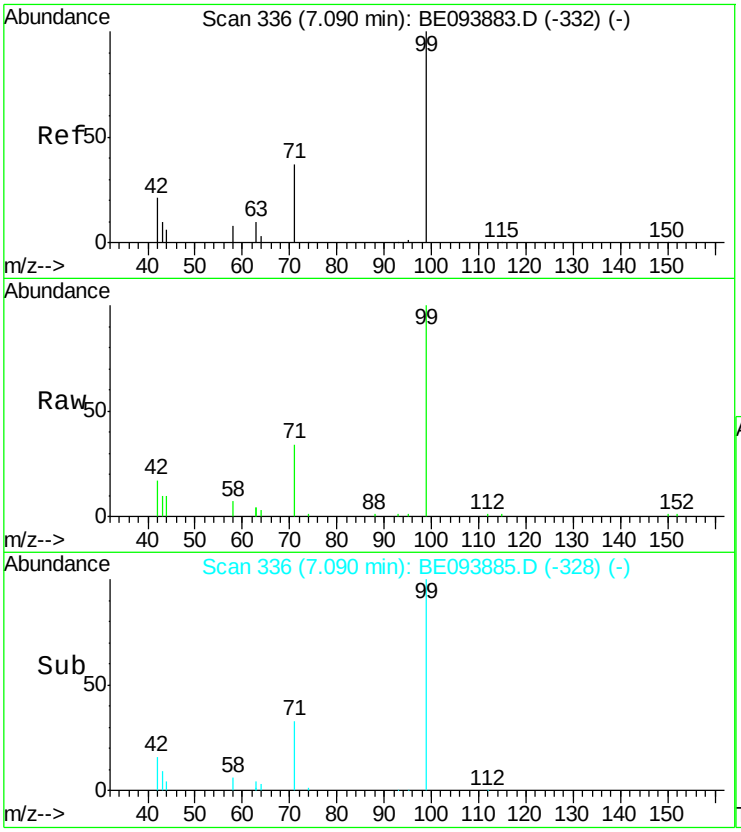


#4
2-Fluorophenol
Concen: 1.602 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:112 Resp: 9694

Ion	Ratio	Lower	Upper
112	100		
64	71.7	57.7	86.5
63	141.1	116.0	174.0



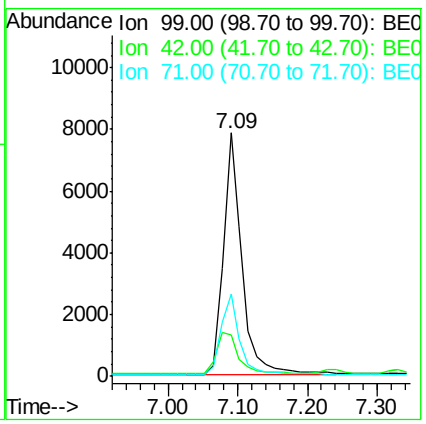


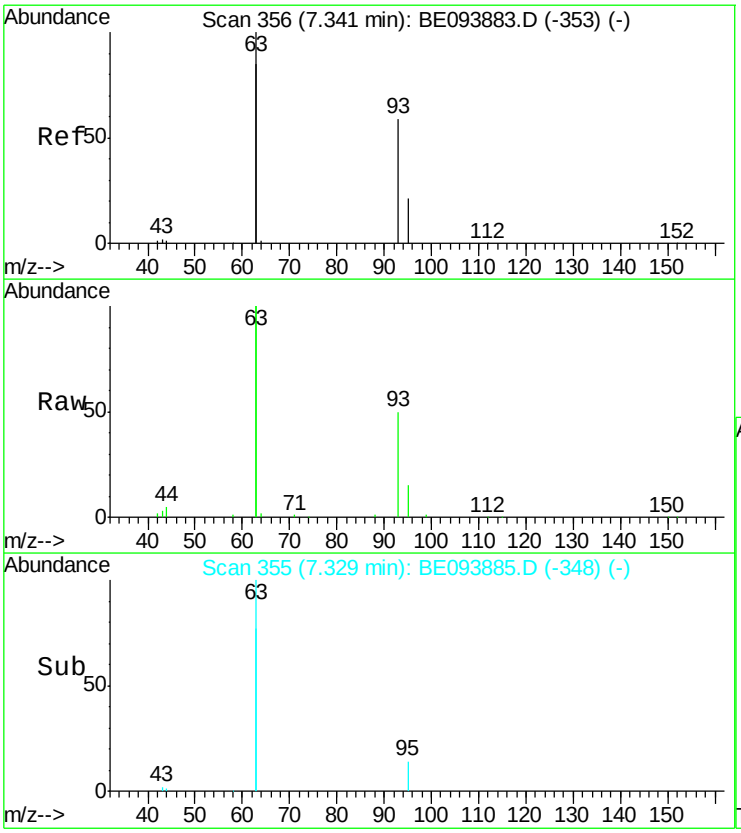
#5
Phenol-d6
Concen: 1.617 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 14915

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.1	25.7
71	33.5	26.6	39.8

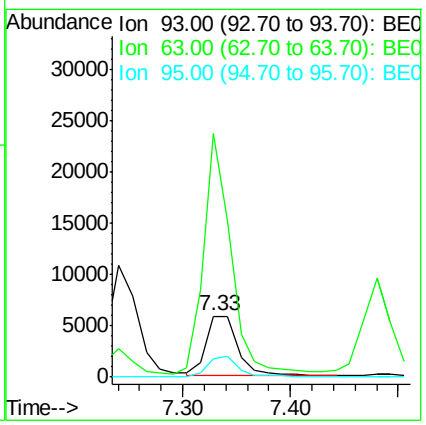


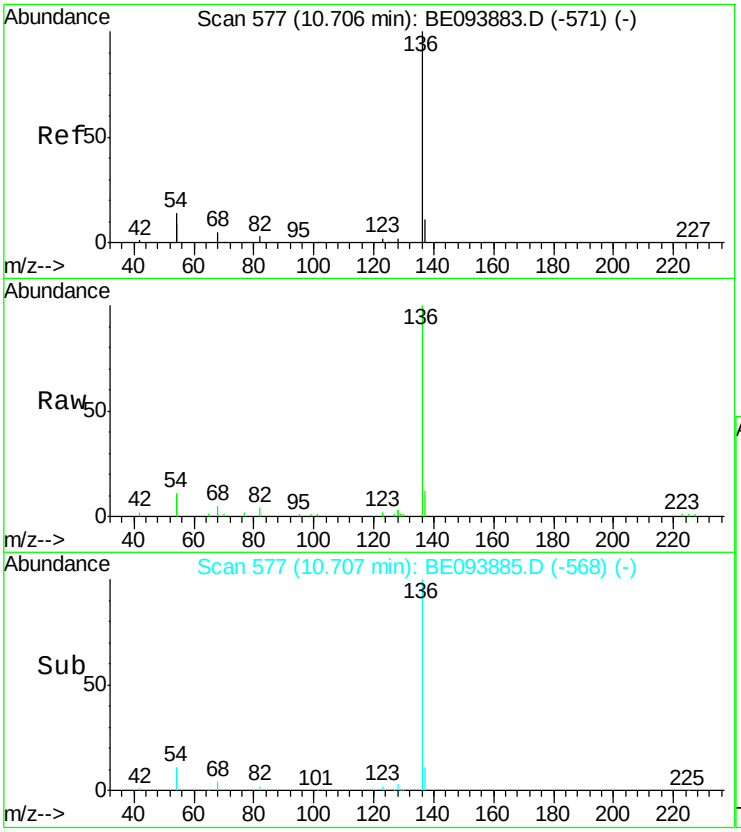


#6
bis(2-Chloroethyl)ether
Concen: 1.613 ng
RT: 7.33 min Scan# 355
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion: 93 Resp: 11536

Ion	Ratio	Lower	Upper
93	100		
63	350.5	283.4	425.2
95	32.3	26.9	40.3



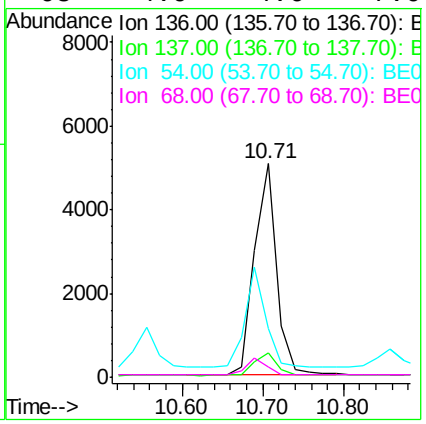


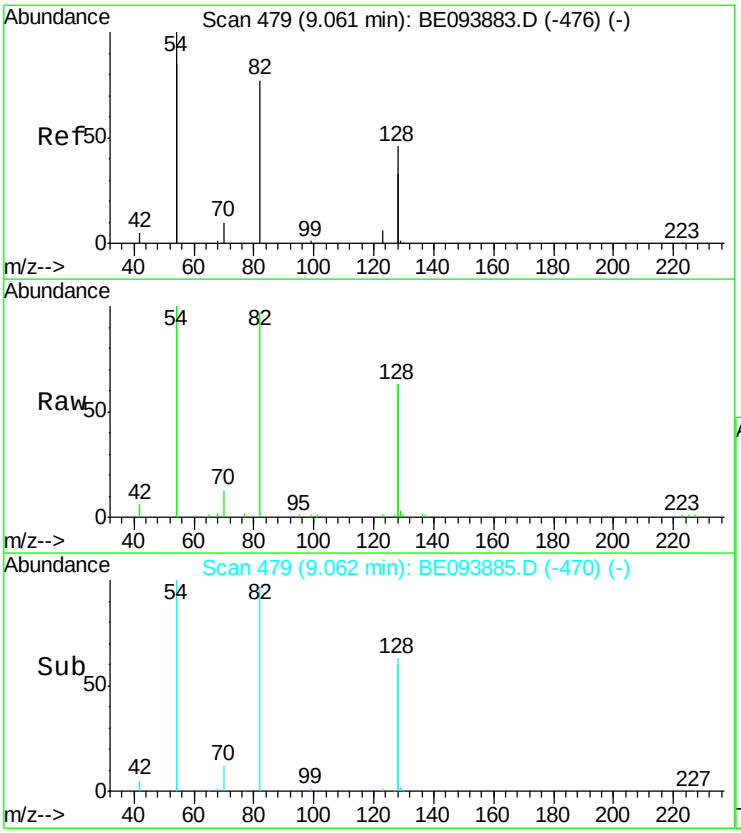
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 9779

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	22.8	21.9	32.9
68	4.9	4.6	7.0

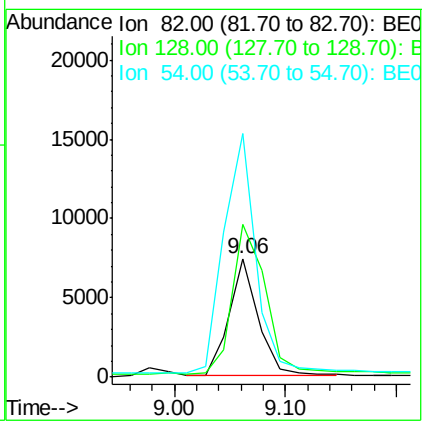


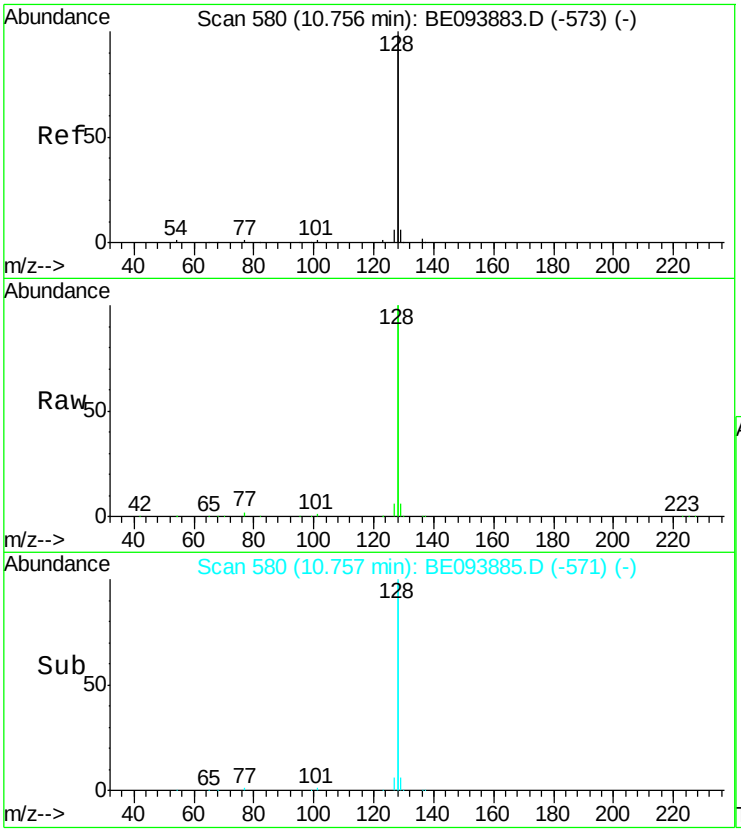


#8
Nitrobenzene-d5
Concen: 1.632 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion: 82 Resp: 13610

Ion	Ratio	Lower	Upper
82	100		
128	129.2	91.4	137.0
54	205.2	197.8	296.8



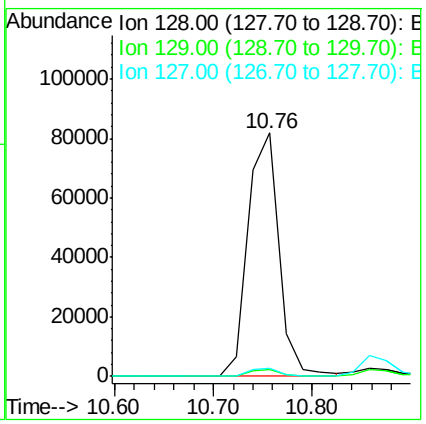


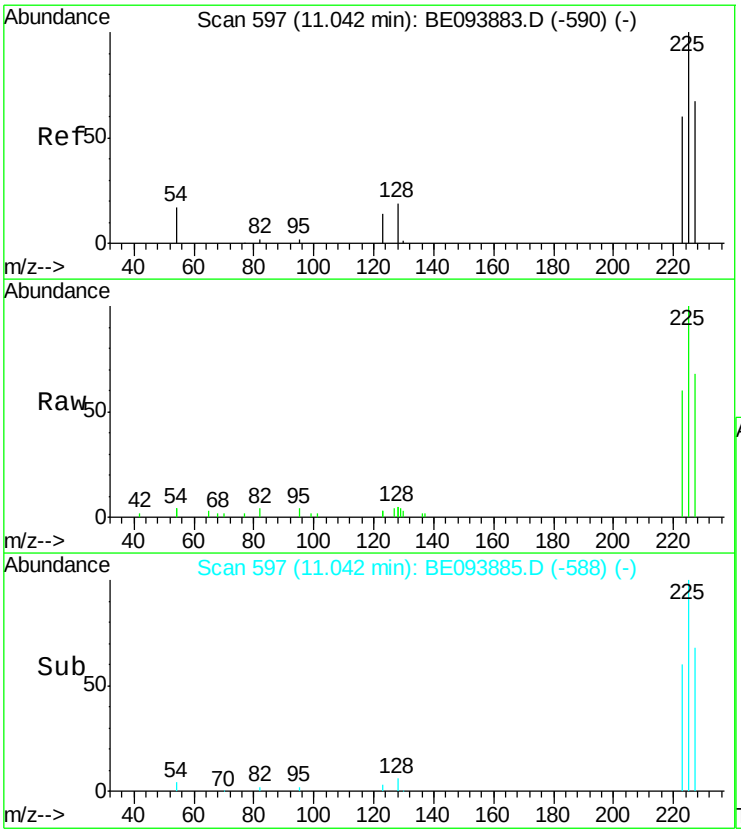
#9
Naphthalene
Concen: 1.579 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 176730

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.1	2.6	4.0

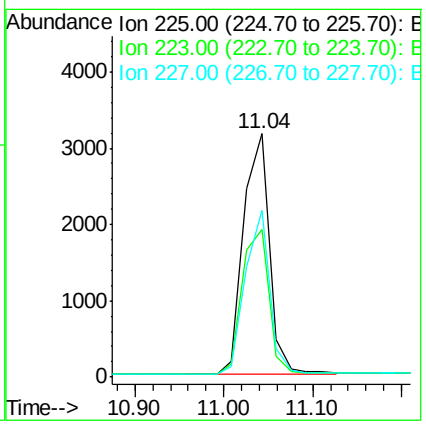


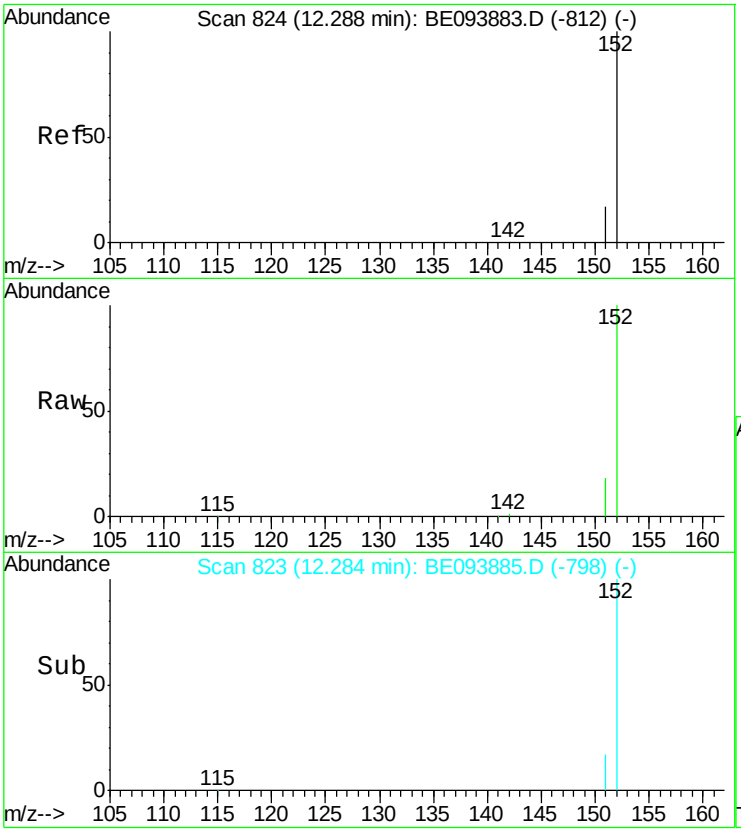


#10
Hexachlorobutadiene
Concen: 1.546 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:225 Resp: 6355

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.0
227	63.9	50.5	75.7



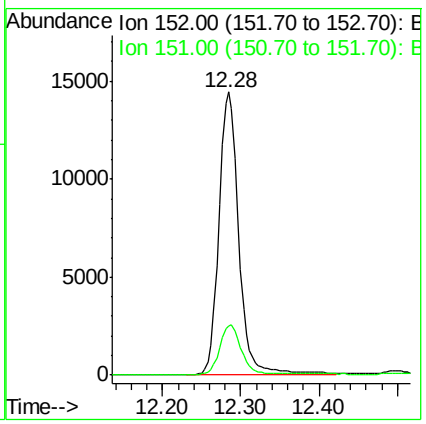


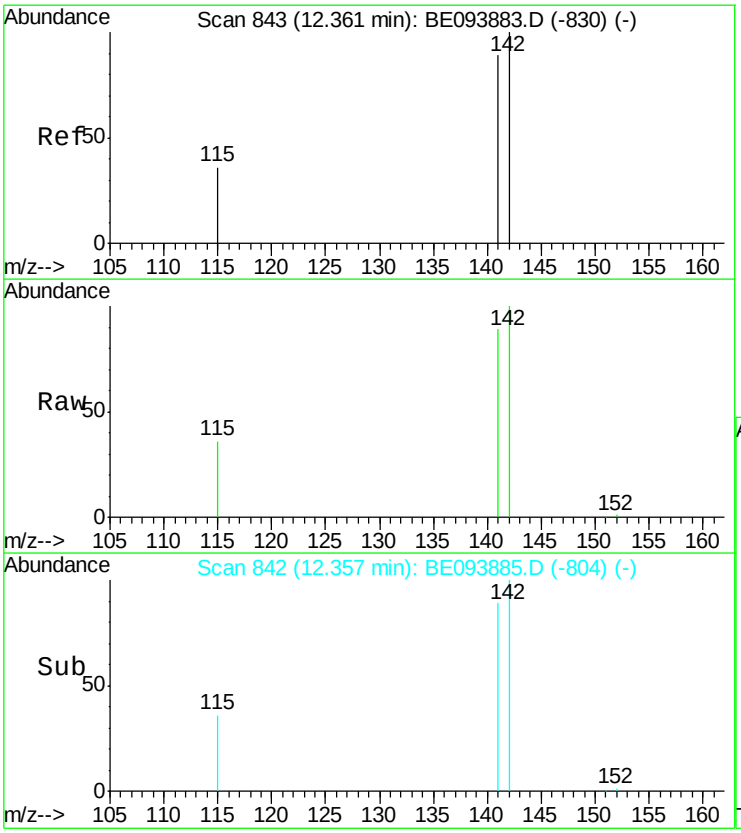
#11
2-Methylnaphthalene-d10
Concen: 1.608 ng
RT: 12.28 min Scan# 823
Delta R.T. -0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 25163

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

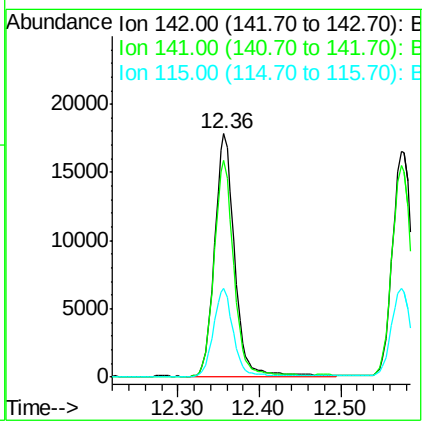


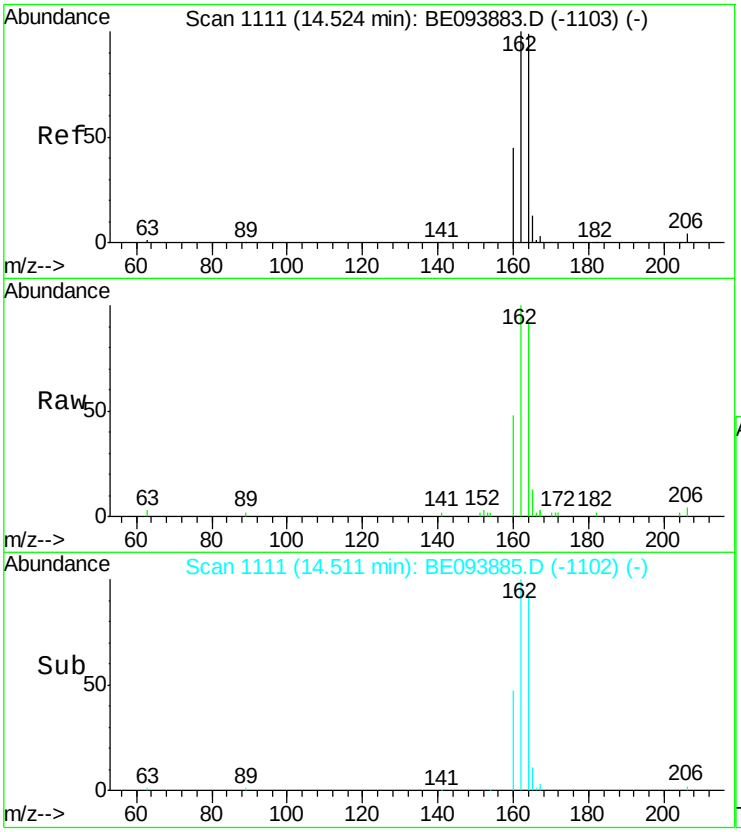


#12
2-Methylnaphthalene
Concen: 1.603 ng
RT: 12.36 min Scan# 842
Delta R.T. -0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:142 Resp: 30151

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	36.2	29.4	44.0



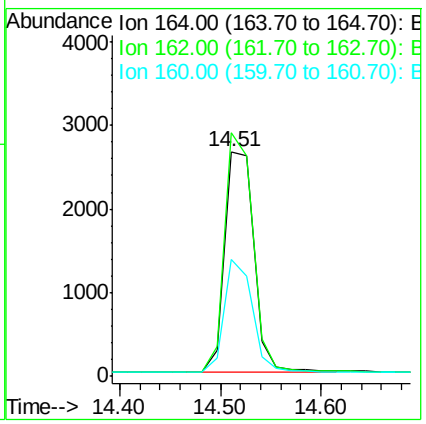


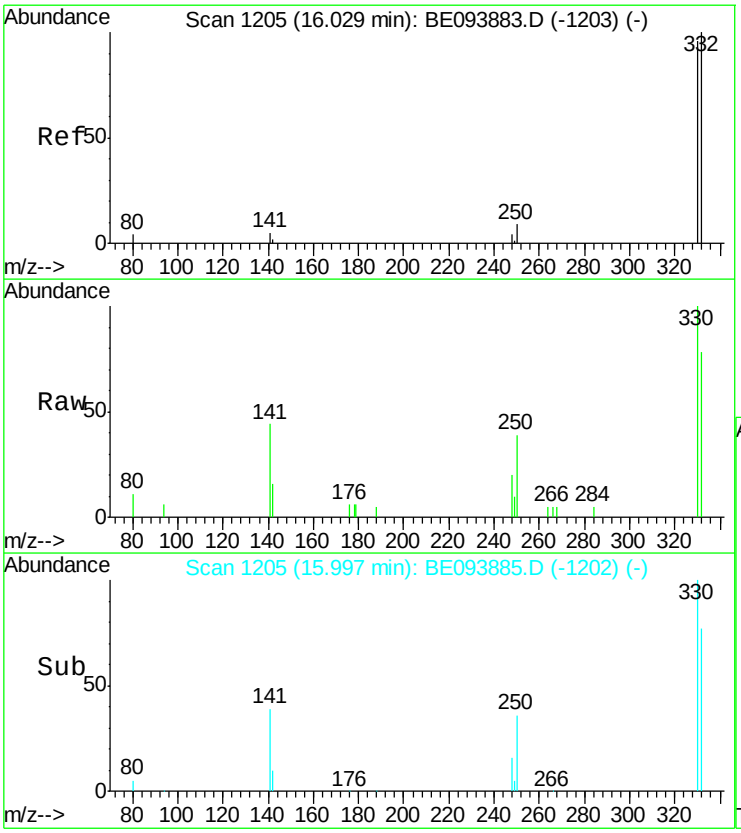
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 5349

Ion	Ratio	Lower	Upper
164	100		
162	108.4	80.8	121.2
160	51.9	37.0	55.4

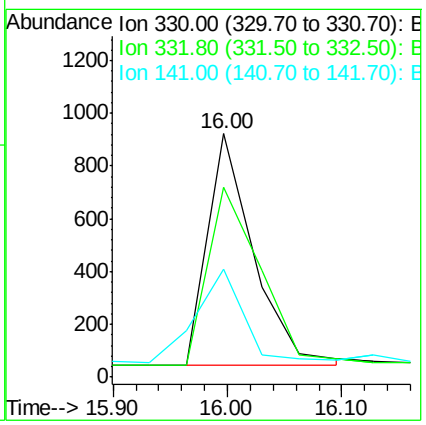


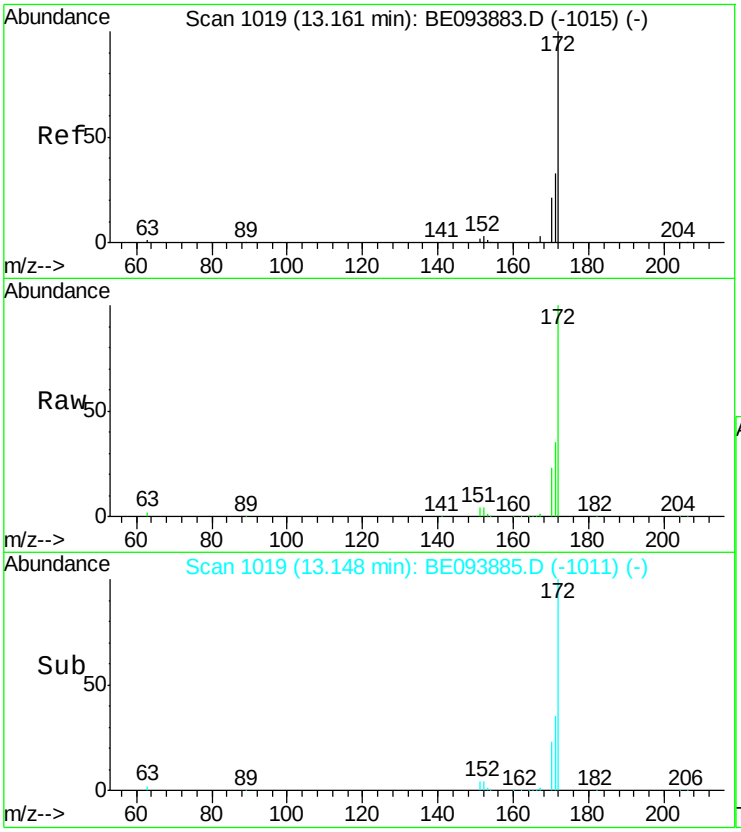


#14
2,4,6-Tribromophenol
Concen: 1.683 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:330 Resp: 2425

Ion	Ratio	Lower	Upper
330	100		
332	88.9	76.9	115.3
141	41.9	0.0	0.0#



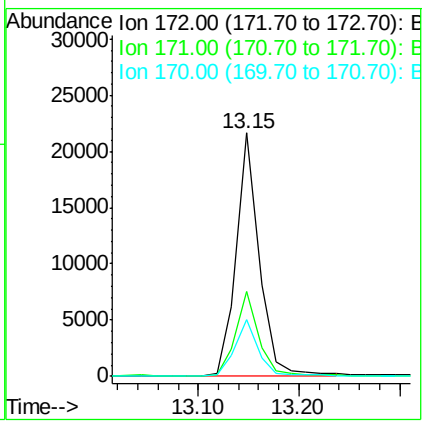


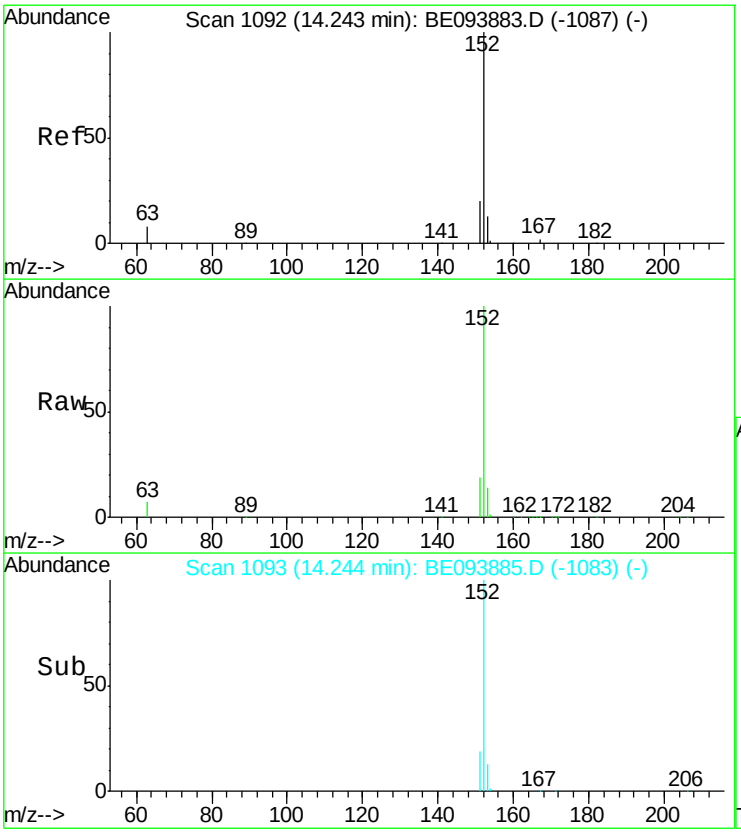
#15
2-Fluorobiphenyl
Concen: 1.631 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 34231

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.9	40.3
170	23.5	17.3	25.9

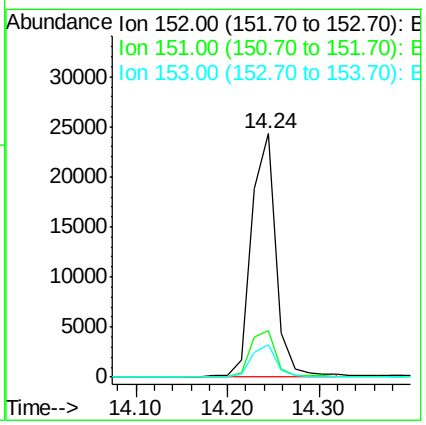


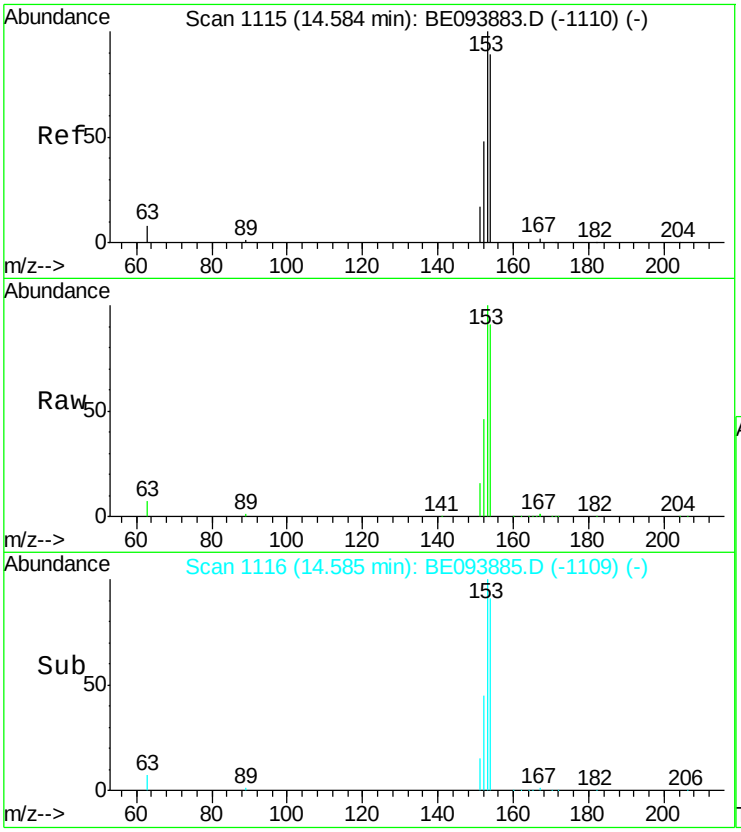


#16
Acenaphthylene
Concen: 1.696 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:152 Resp: 45245

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	16.0



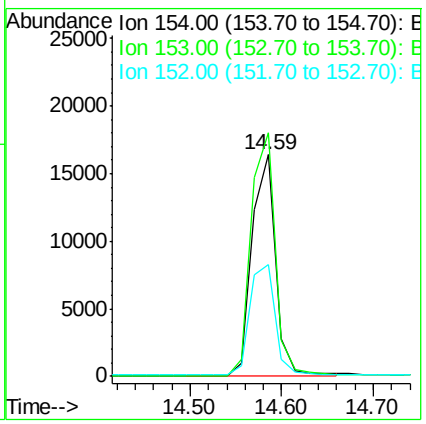


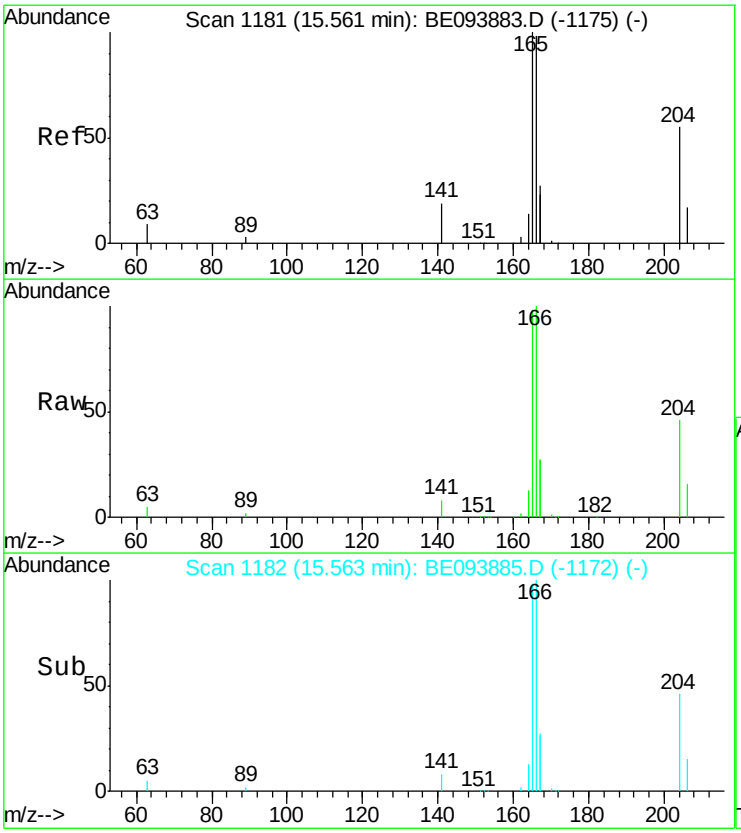
#17
Acenaphthene
Concen: 1.647 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 29568

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.8	137.6
152	53.8	44.9	67.3

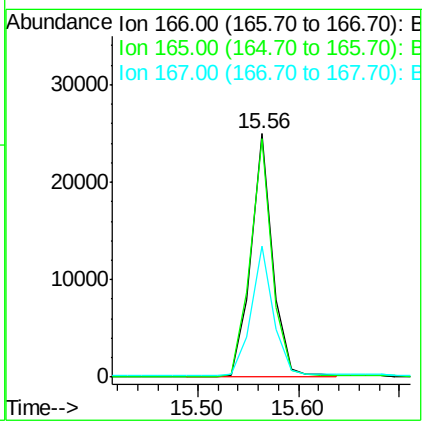


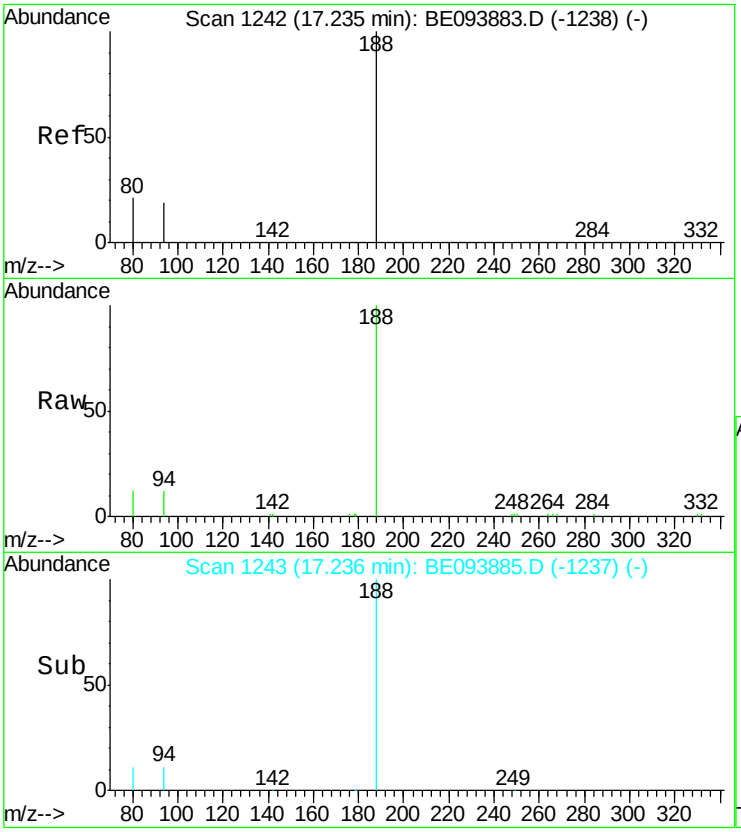


#18
Fluorene
Concen: 1.620 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:166 Resp: 37649

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.4	119.0
167	53.7	43.5	65.3



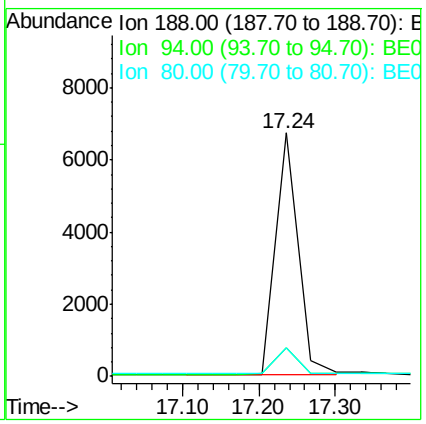


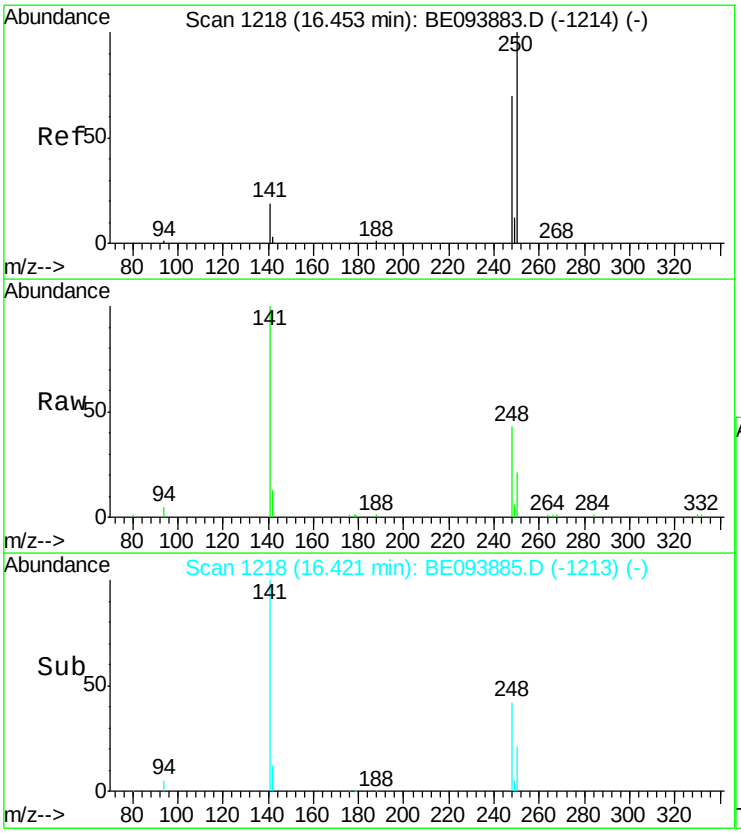
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 14004

Ion	Ratio	Lower	Upper
188	100		
94	11.7	16.1	24.1#
80	11.8	18.2	27.2#

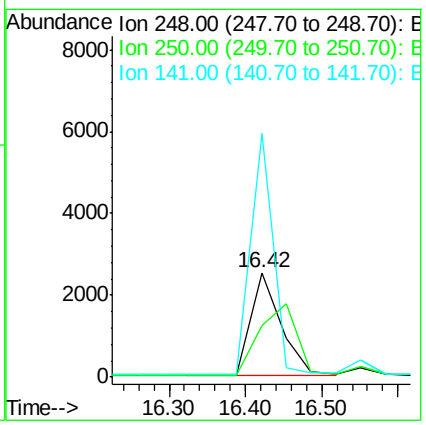


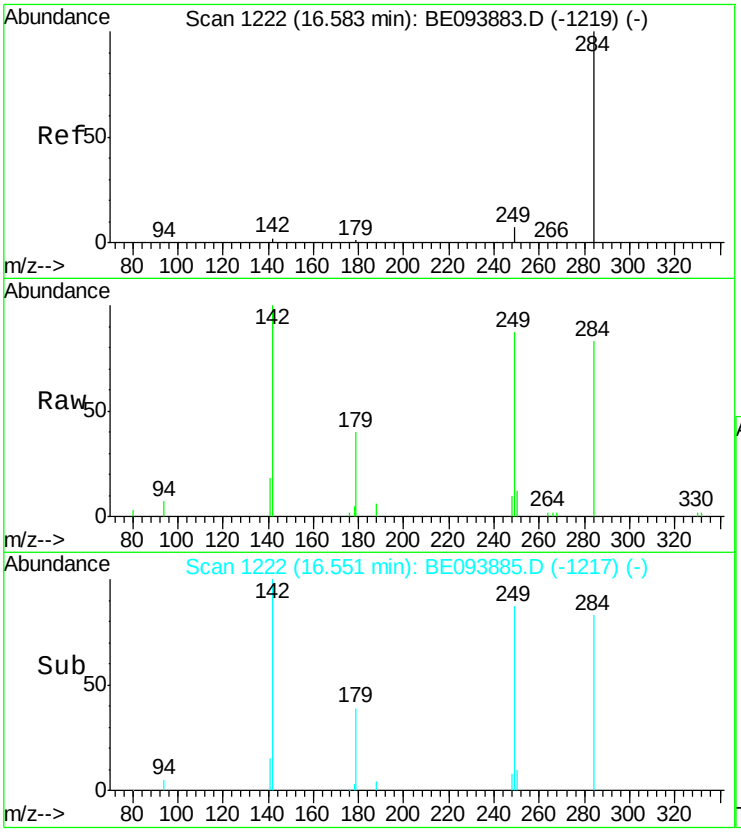


#20
4-Bromophenyl-phenylether
Concen: 1.606 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:248 Resp: 6877

Ion	Ratio	Lower	Upper
248	100		
250	49.8	111.8	167.8#
141	233.8	27.1	40.7#



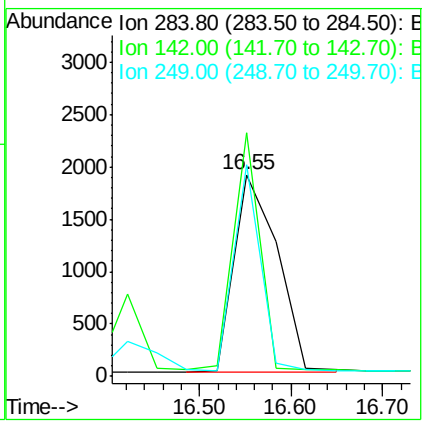


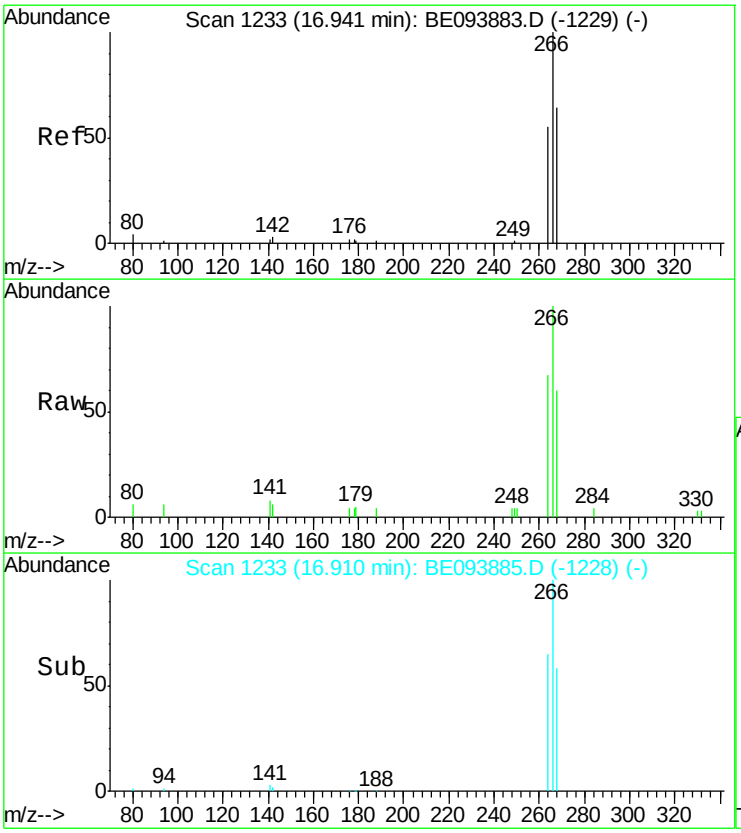
#21
Hexachlorobenzene
Concen: 1.421 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 6212

Ion	Ratio	Lower	Upper
284	100		
142	73.5	0.0	0.0#
249	64.3	0.0	0.0#

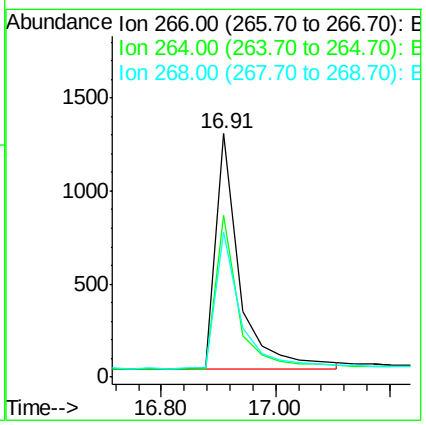


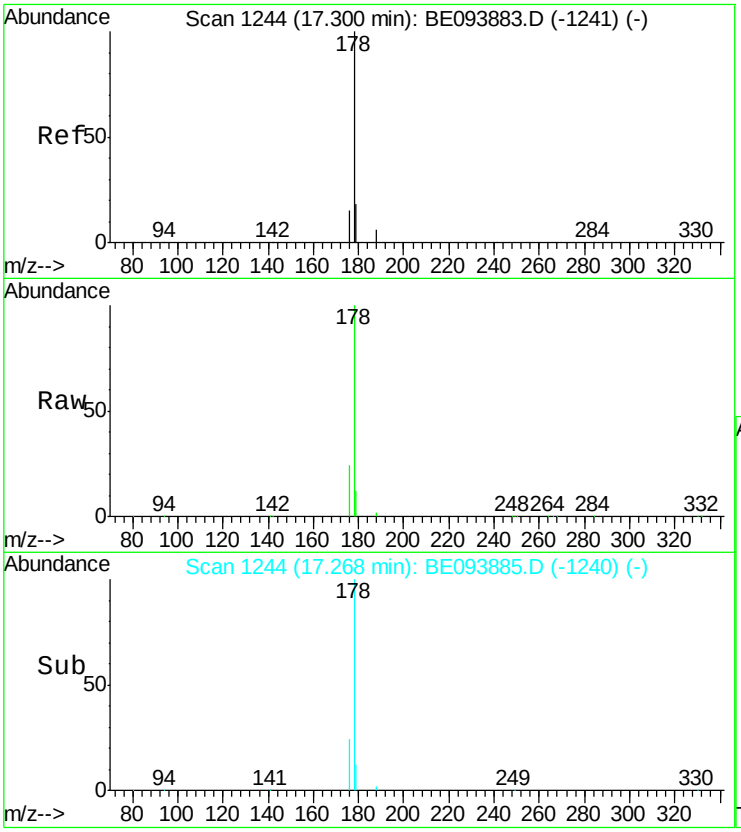


#22
Pentachlorophenol
Concen: 1.332 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:266 Resp: 3661

Ion	Ratio	Lower	Upper
266	100		
264	66.5	53.5	80.3
268	59.7	60.0	90.0#



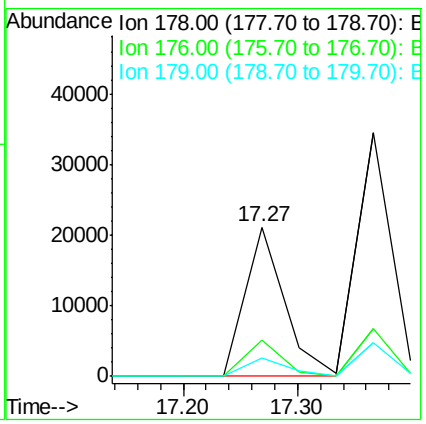


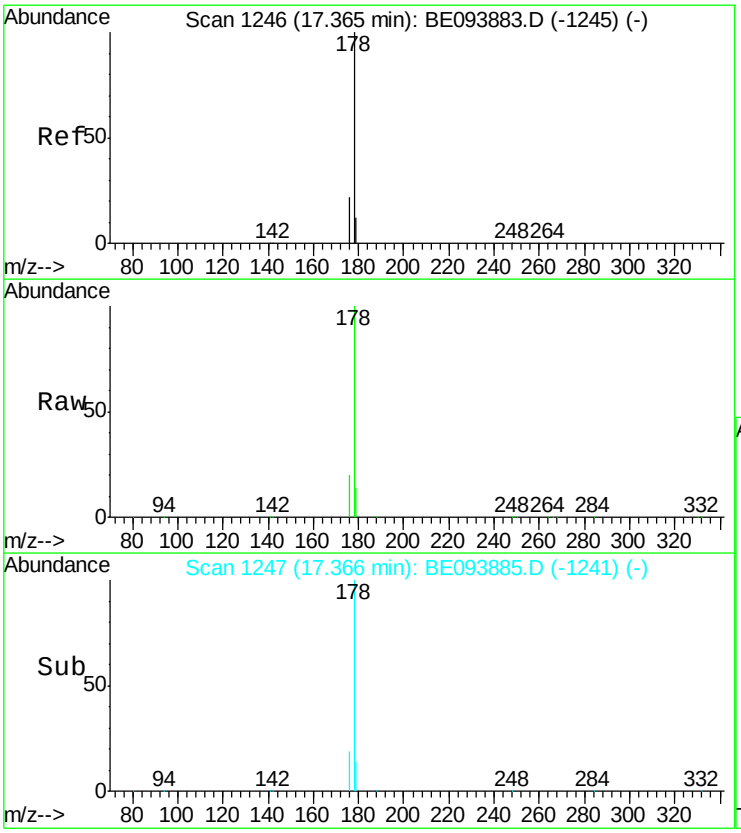
#23
Phenanthrene
Concen: 1.630 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 49995

Ion	Ratio	Lower	Upper
178	100		
176	22.1	0.0	0.0#
179	0.0	12.6	18.8#

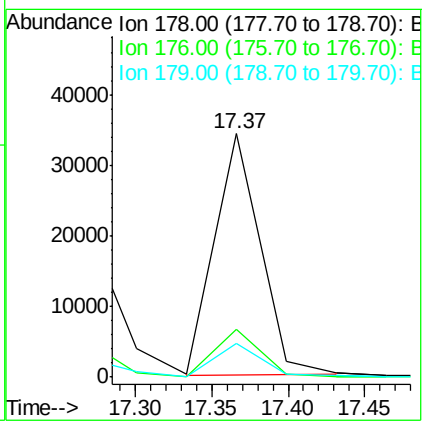


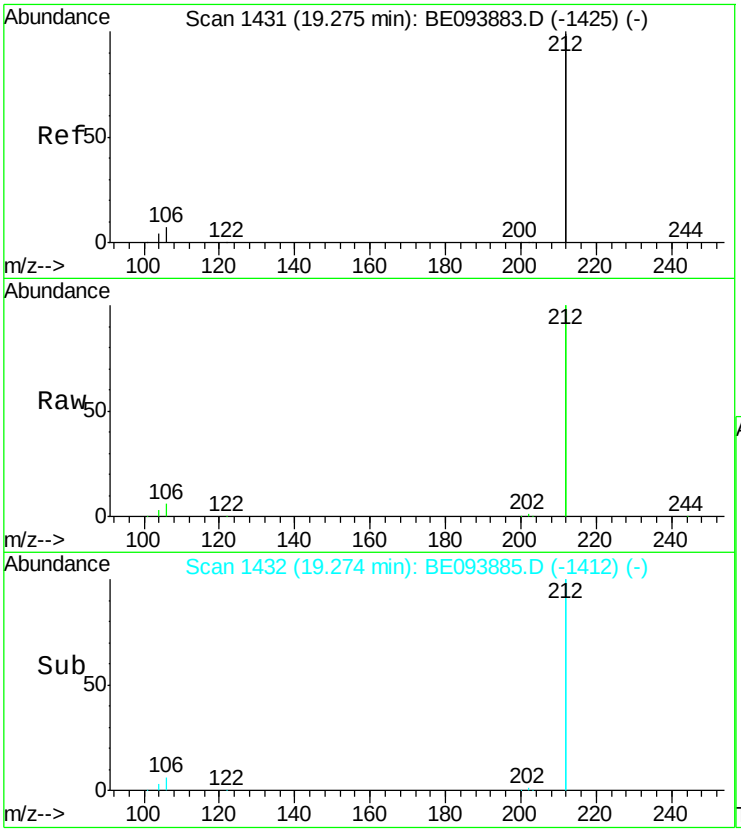


#24
Anthracene
Concen: 1.624 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:178 Resp: 70744

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	24.0	0.0	0.0#



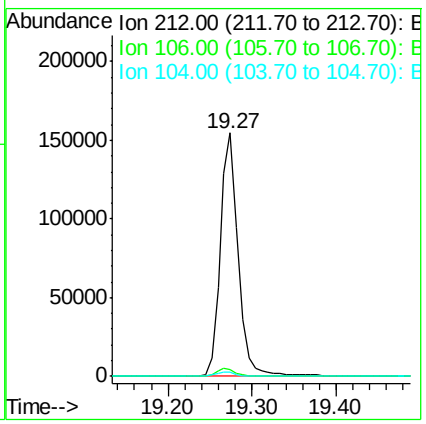


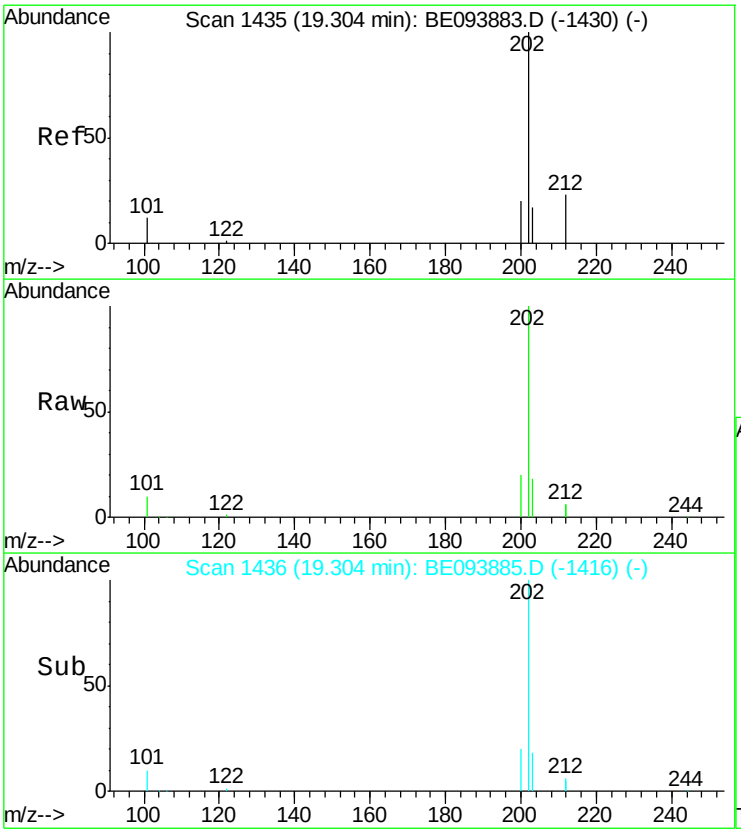
#25
Fluoranthene-d10
Concen: 1.426 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 227868

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

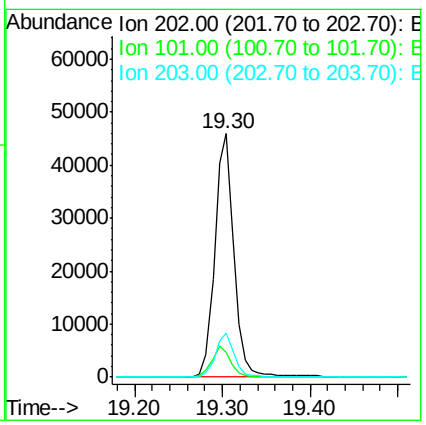


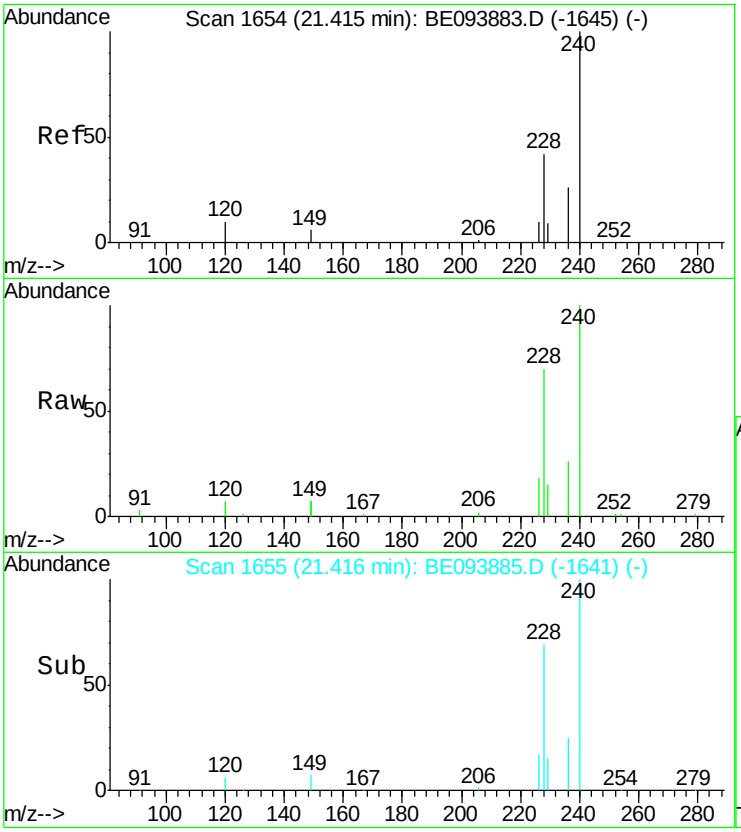


#26
Fluoranthene
Concen: 1.400 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:202 Resp: 68312

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
203	17.4	13.7	20.5



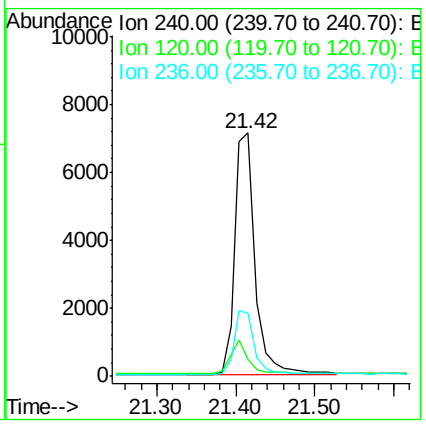


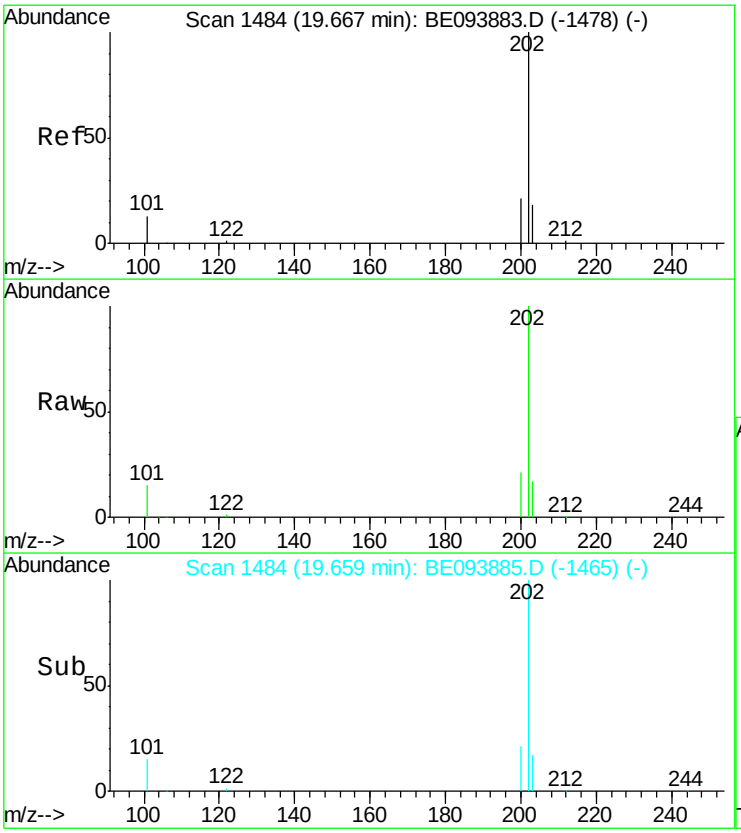
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 12738

Ion	Ratio	Lower	Upper
240	100		
120	7.0	8.7	13.1#
236	26.0	21.3	31.9

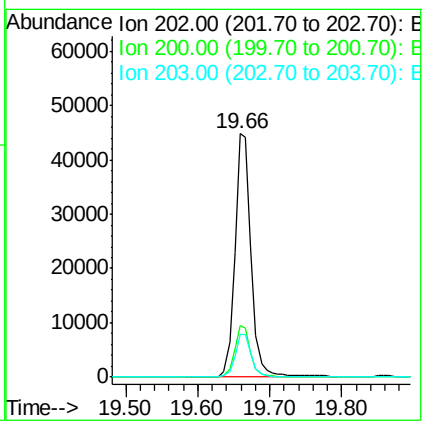


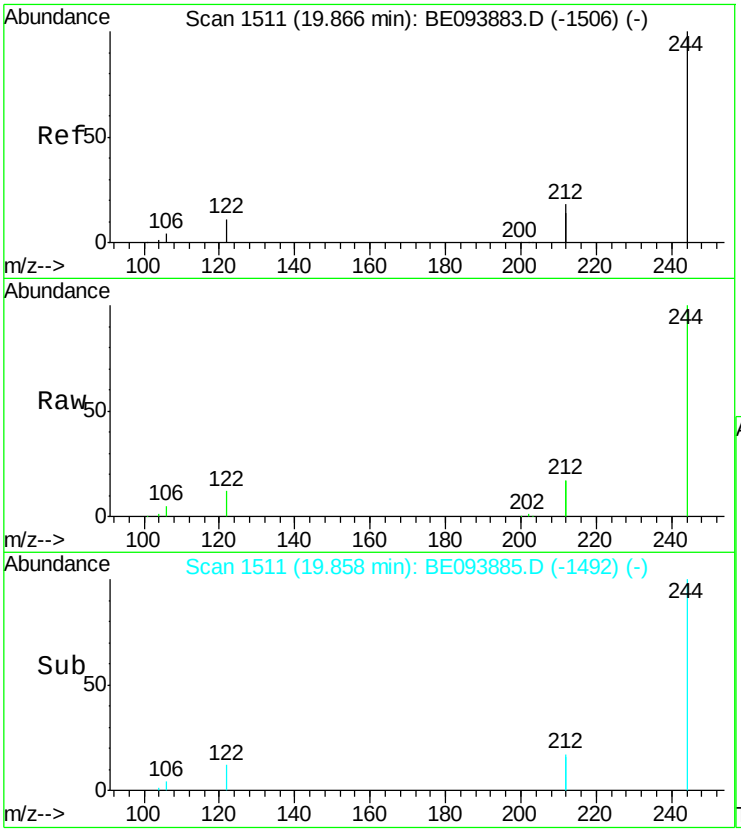


#28
Pyrene
Concen: 1.676 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:202 Resp: 69866

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.6	14.2	21.4



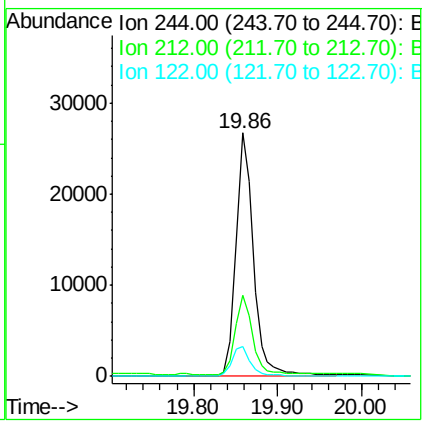


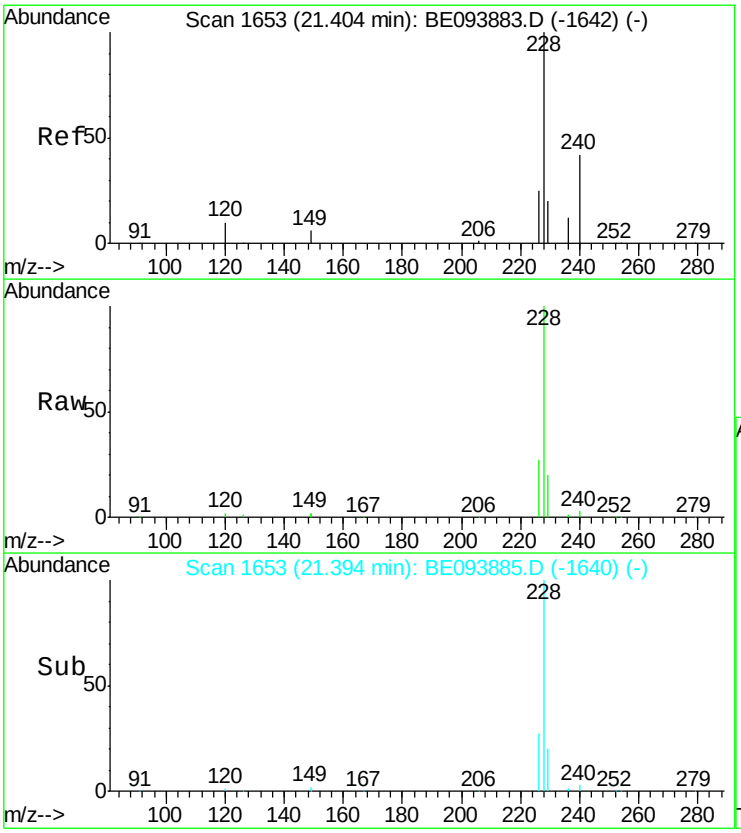
#29
Terphenyl-d14
Concen: 1.662 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 37701

Ion	Ratio	Lower	Upper
244	100		
212	33.1	28.3	42.5
122	12.3	9.4	14.0

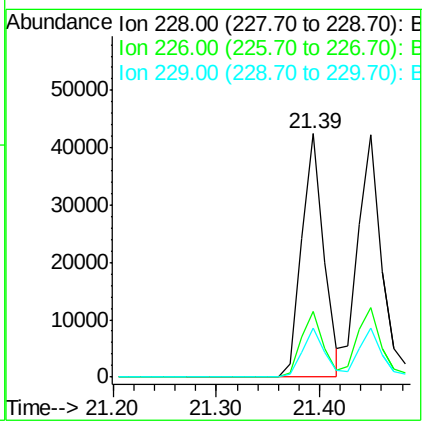


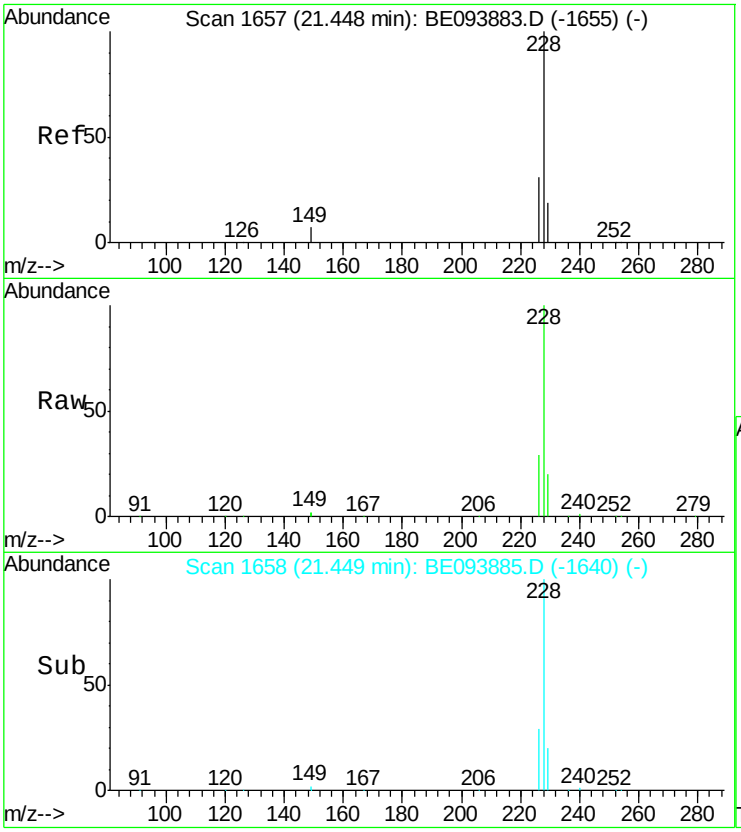


#30
Benzo(a)anthracene
Concen: 1.572 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:228 Resp: 62476

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.8	31.2
229	19.9	16.6	25.0



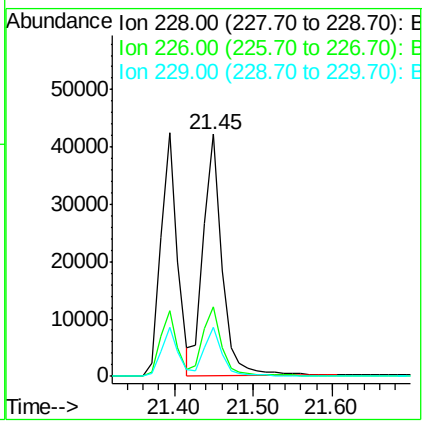


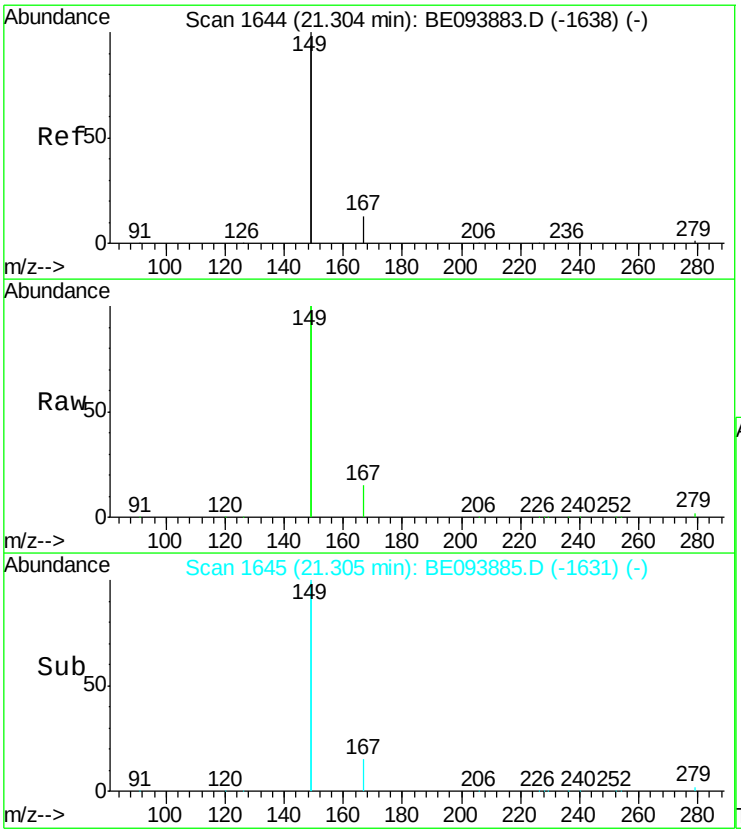
#31
Chrysene
Concen: 1.661 ng
RT: 21.45 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 68454

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.6	37.0
229	20.0	15.8	23.8

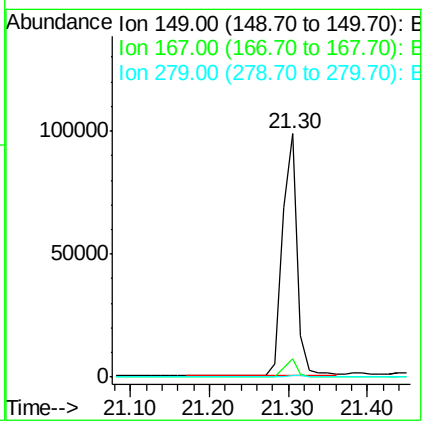


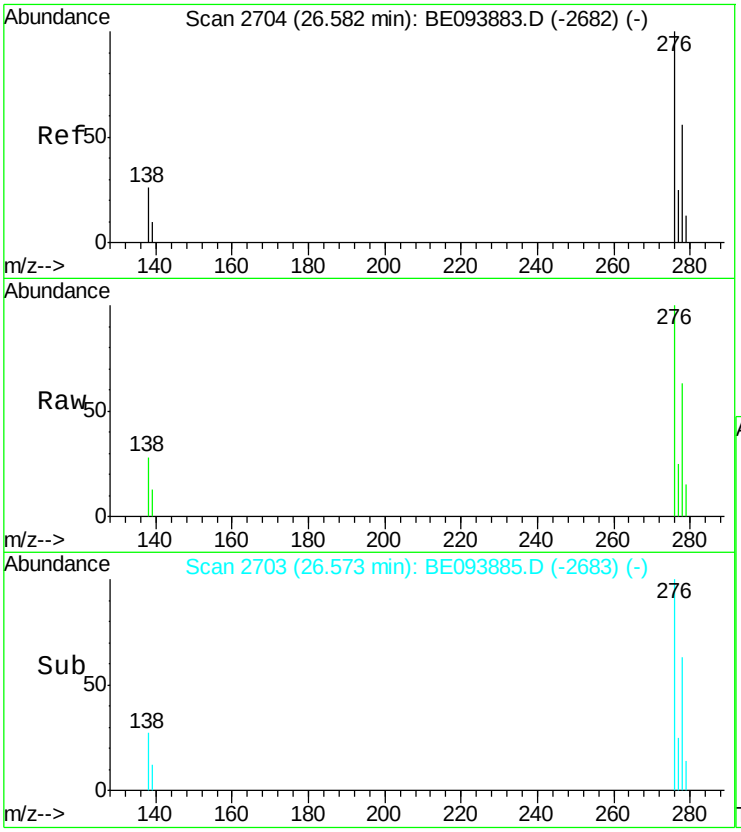


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.525 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:149 Resp: 128188

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.8	0.7	1.1



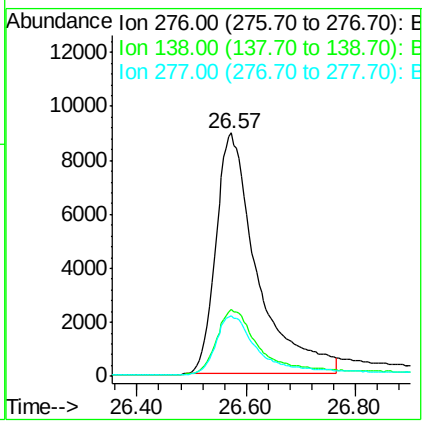


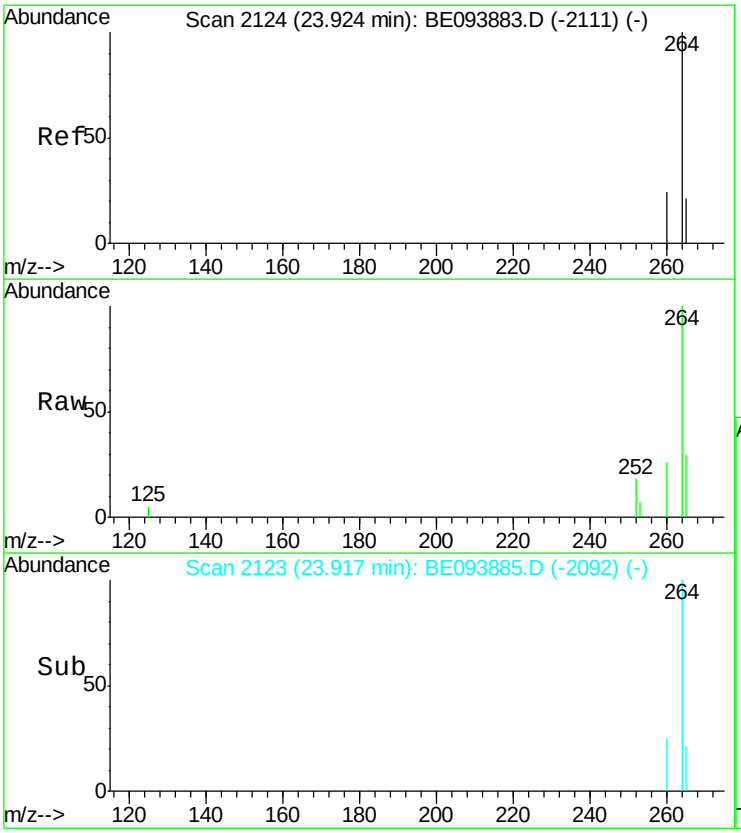
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.252 ng
RT: 26.57 min Scan# 2703
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 46981

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.2	33.2
277	25.1	19.5	29.3

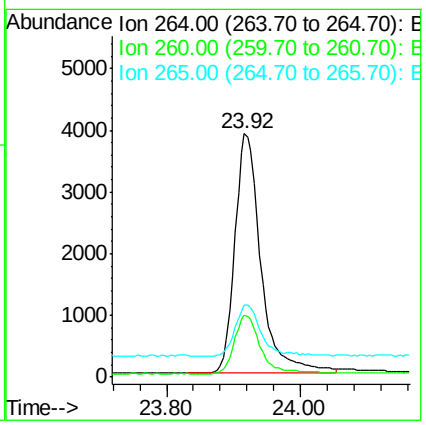


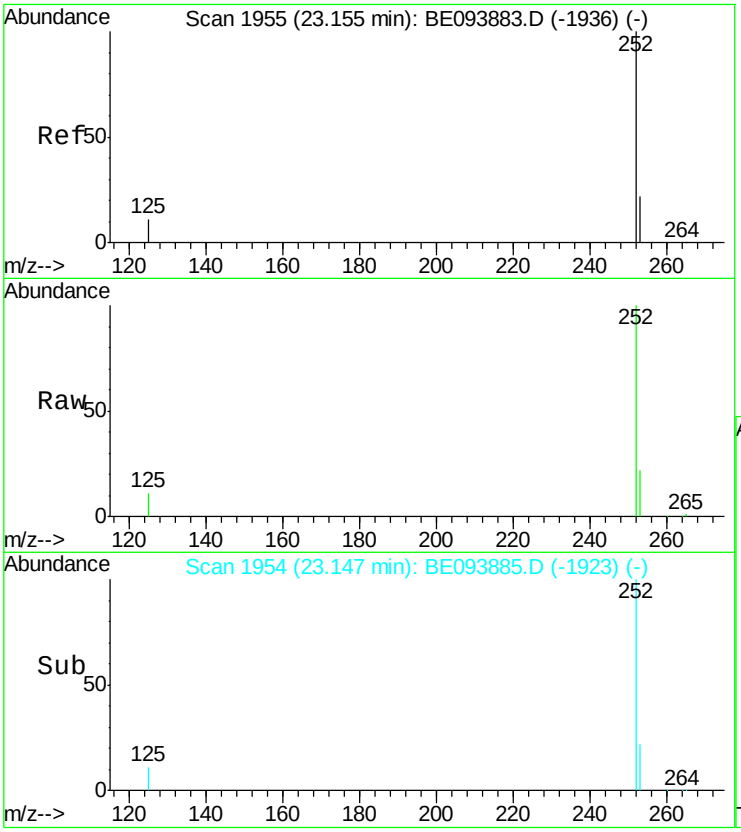


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:264 Resp: 10576

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.0	30.0
265	29.5	24.0	36.0



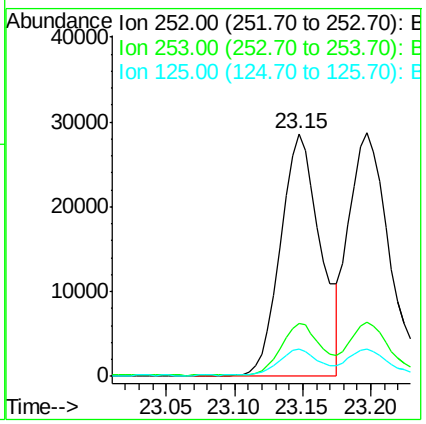


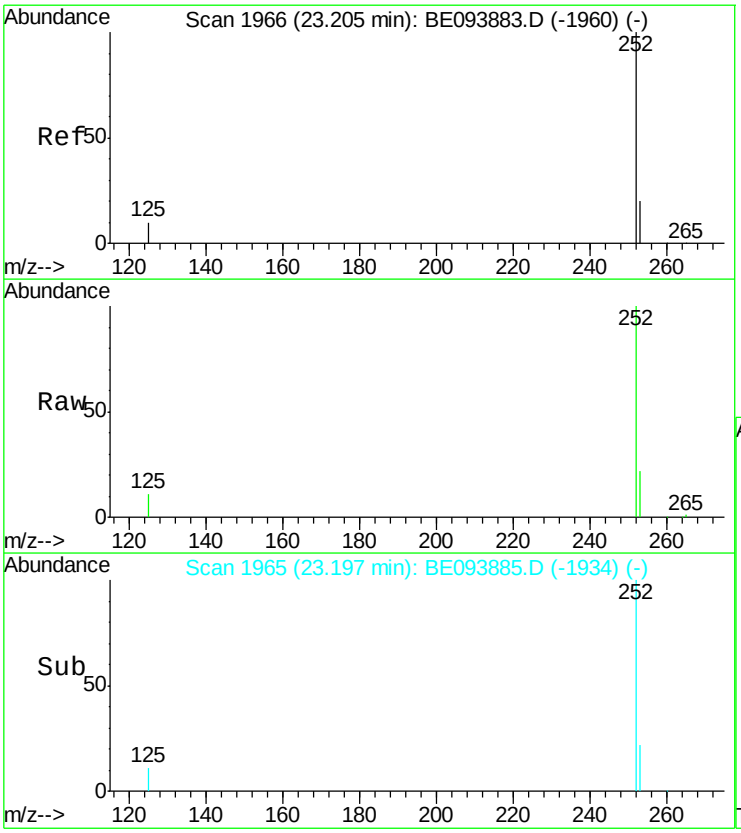
#35
Benzo(b)fluoranthene
Concen: 1.619 ng
RT: 23.15 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 57718

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.4	29.0
125	11.0	10.0	15.0

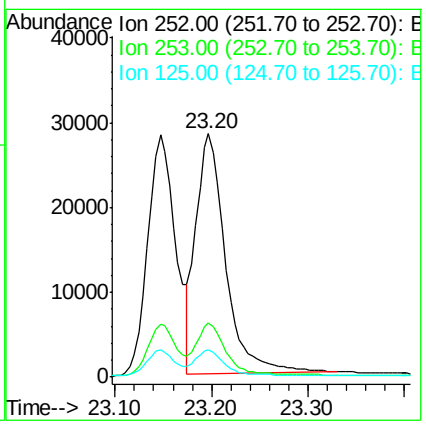


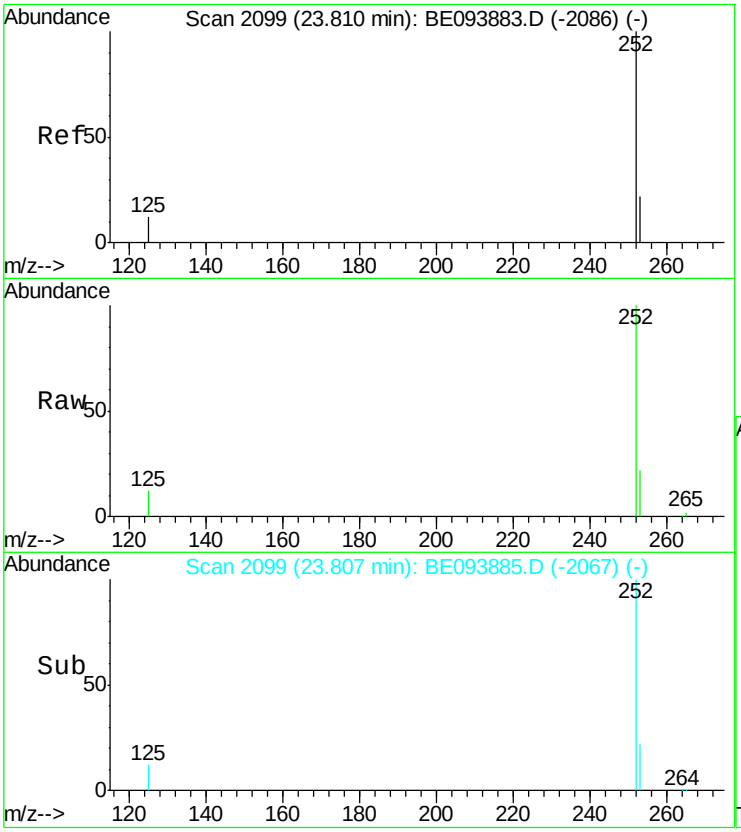


#36
Benzo(k)fluoranthene
Concen: 1.615 ng
RT: 23.20 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:252 Resp: 60492

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.1	9.8	14.6



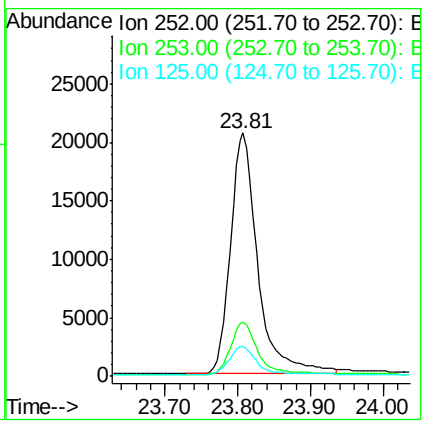


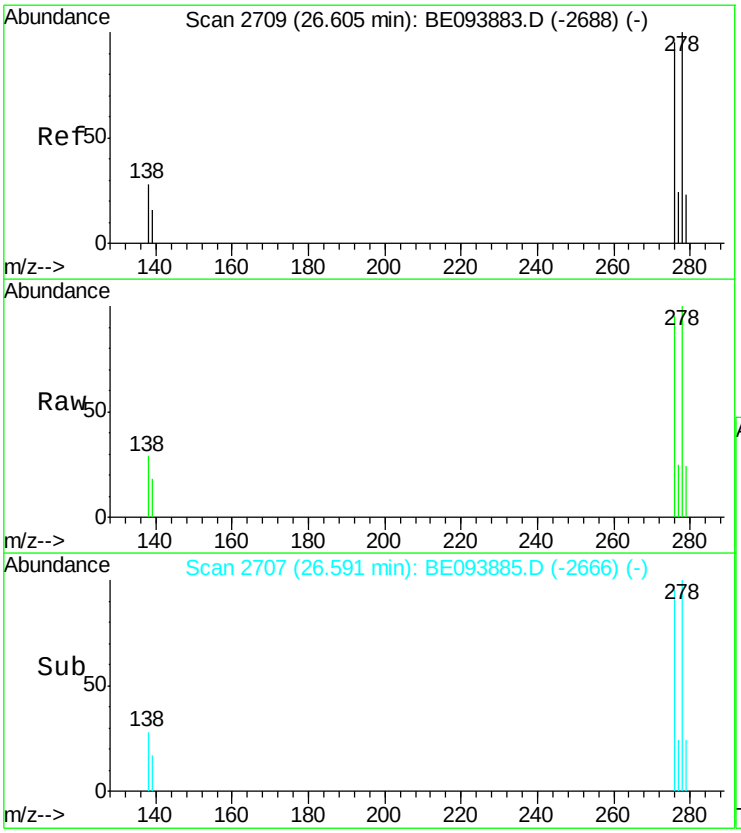
#37
Benzo(a)pyrene
Concen: 1.590 ng
RT: 23.81 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 54175

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.6	29.4
125	12.4	11.8	17.8

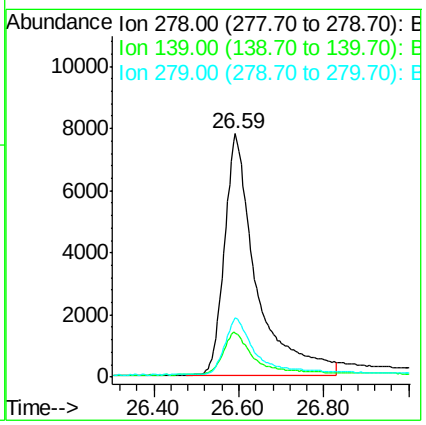


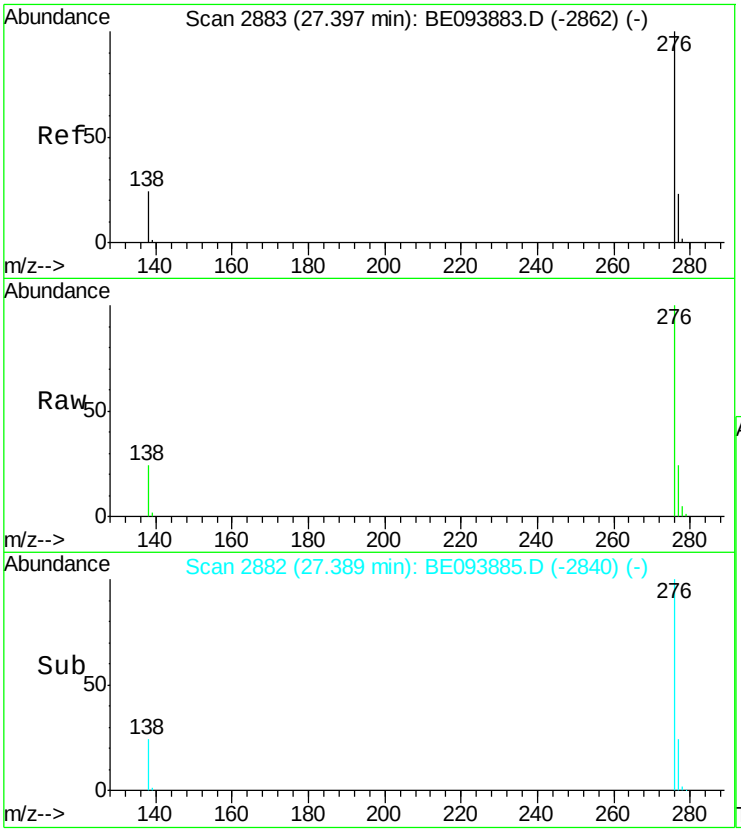


#38
Dibenzo(a,h)anthracene
Concen: 1.310 ng
RT: 26.59 min Scan# 2707
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Tgt Ion:278 Resp: 40323

Ion	Ratio	Lower	Upper
278	100		
139	18.0	16.7	25.1
279	24.3	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 1.337 ng
RT: 27.39 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BE093885.D
Acq: 26 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 41672

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.6	30.8
138	24.4	21.9	32.9