Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
Data File : BE093879.D
Acq On : 22 Aug 2017 17:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 23 01:01:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 14:30:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2202	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	11474	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	6429	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	12359	0.40	ng		0.00
27) Chrysene-d12	21.42	240	14790	0.40	ng		0.01
34) Perylene-d12	23.93	264	12584	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	2457	0.34	ng		0.00
5) Phenol-d6	7.10	99	3767	0.35	ng		0.01
8) Nitrobenzene-d5	9.06	82	3379	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	6467	0.35	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	530	0.30	ng		0.03
15) 2-Fluorobiphenyl	13.15	172	8864	0.35	ng		0.00
25) Fluoranthene-d10	19.28	212	55958	0.40	ng		0.00
29) Terphenyl-d14	19.87	244	9415	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	1057	0.319	ng	#	94
3) n-Nitrosodimethylamine	3.75	42	1226	0.356	ng		99
6) bis(2-Chloroethyl)ether	7.34	93	2903	0.345	ng	#	99
9) Naphthalene	10.76	128	46209	0.351	ng		100
10) Hexachlorobutadiene	11.04	225	1639	0.336	ng		98
12) 2-Methylnaphthalene	12.36	142	7666	0.345	ng		98
16) Acenaphthylene	14.24	152	11184	0.346	ng	#	87
17) Acenaphthene	14.58	154	7459	0.342	ng		100
18) Fluorene	15.56	166	9543	0.339	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	1866	0.533	ng	#	83
21) Hexachlorobenzene	16.58	284	1733	0.465	ng	#	100
22) Pentachlorophenol	16.94	266	636	0.244	ng	#	91
23) Phenanthrene	17.30	178	10968	0.417	ng	#	77
24) Anthracene	17.37	178	12096	0.303	ng		97
26) Fluoranthene	19.31	202	16717	0.387	ng		98
28) Pyrene	19.67	202	17121	0.353	ng	#	98
30) Benzo(a)anthracene	21.39	228	15492	0.330	ng		92
31) Chrysene	21.45	228	16995	0.355	ng		92
32) Bis(2-ethylhexyl)phthalate	21.30	149	33094	0.329	ng		98
33) Indeno(1,2,3-cd)pyrene	26.59	276	12153	0.263	ng	#	92
35) Benzo(b)fluoranthene	23.16	252	13408	0.307	ng	#	95
36) Benzo(k)fluoranthene	23.21	252	16089	0.369	ng		95
37) Benzo(a)pyrene	23.82	252	13785	0.335	ng	#	95
38) Dibenzo(a,h)anthracene	26.61	278	10578	0.274	ng	#	95
39) Benzo(g,h,i)perylene	27.39	276	10966	0.284	ng		96

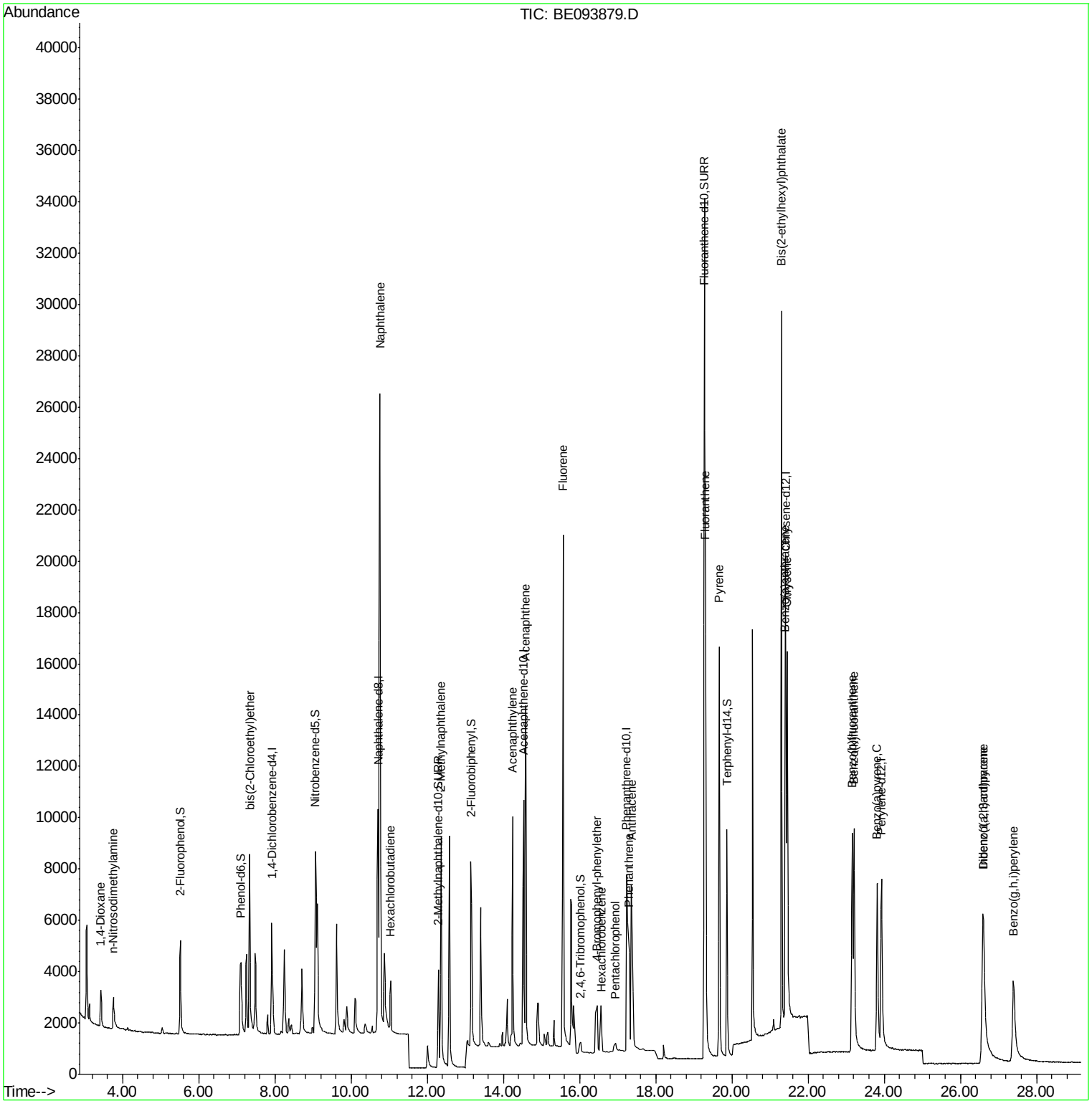
(#) = qualifier out of range (m) = manual integration (+) = signals summed

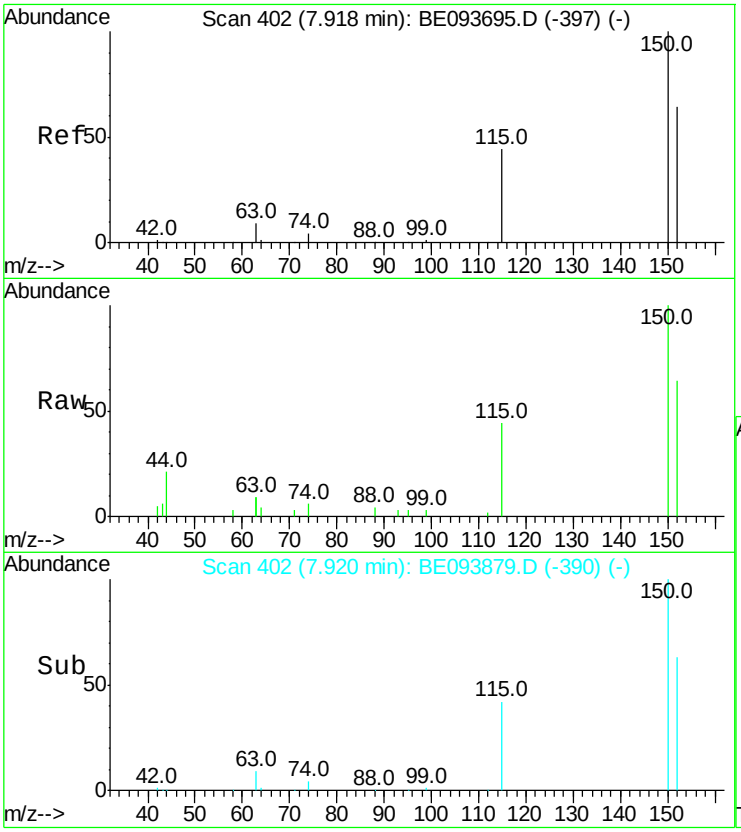
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
Data File : BE093879.D
Acq On : 22 Aug 2017 17:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 23 01:01:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 14:30:21 2017
Response via : Initial Calibration



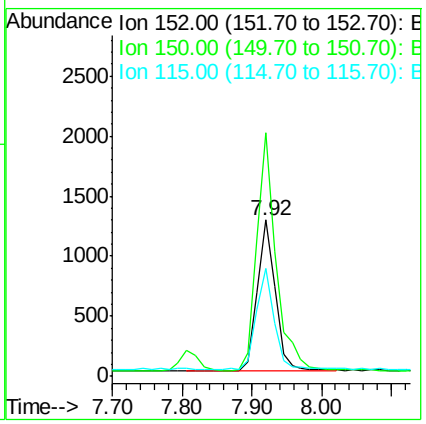


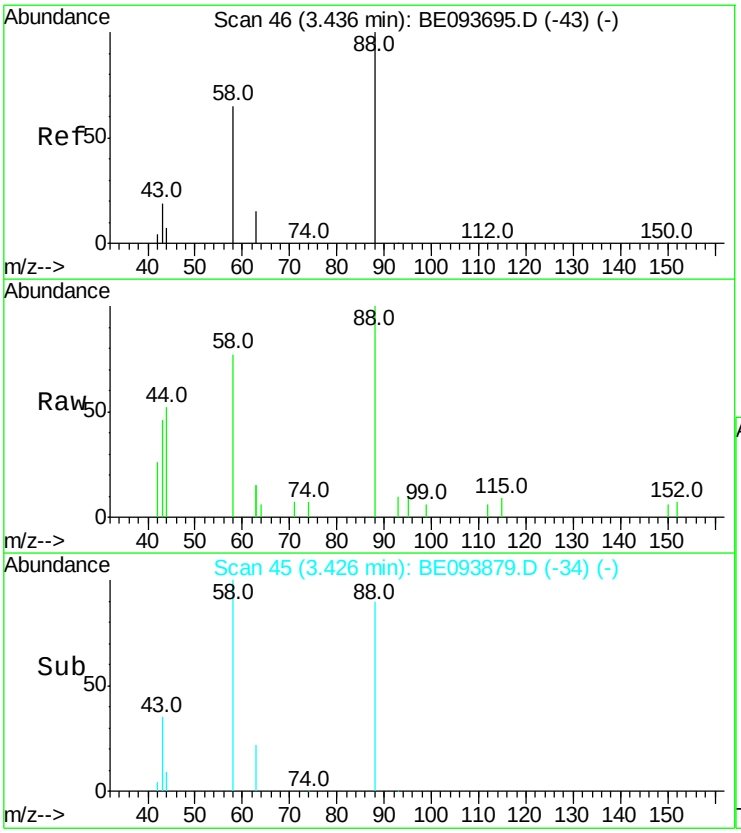
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2202

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.1	187.7
115	69.0	55.7	83.5

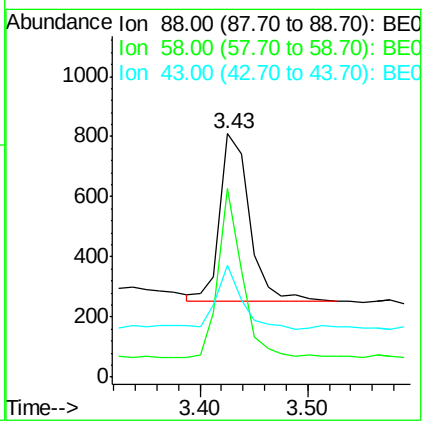


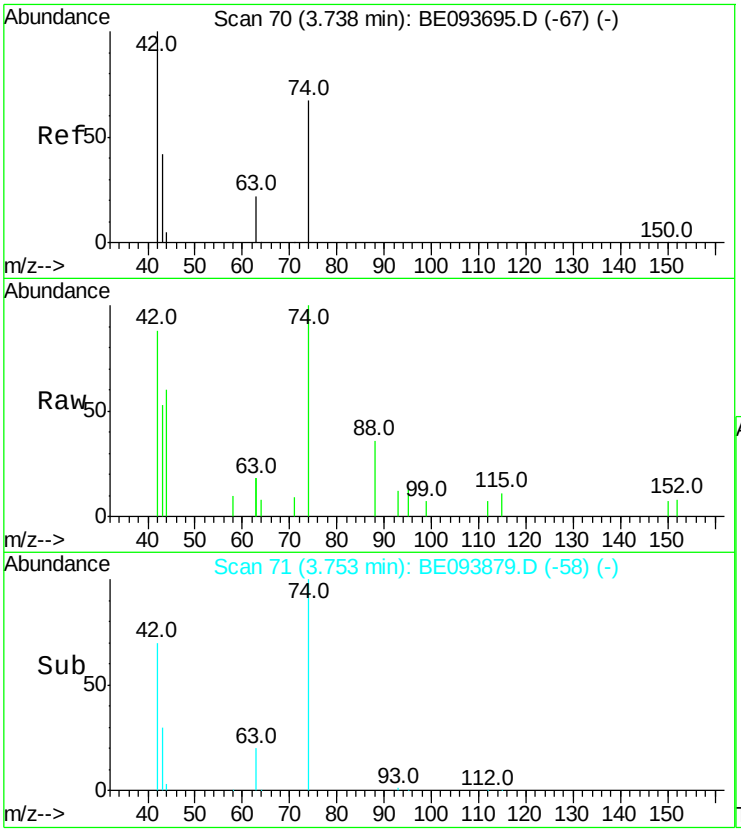


#2
1,4-Dioxane
Concen: 0.319 ng
RT: 3.43 min Scan# 45
Delta R.T. -0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion: 88 Resp: 1057

Ion	Ratio	Lower	Upper
88	100		
58	80.8	62.2	93.4
43	36.3	23.2	34.8#



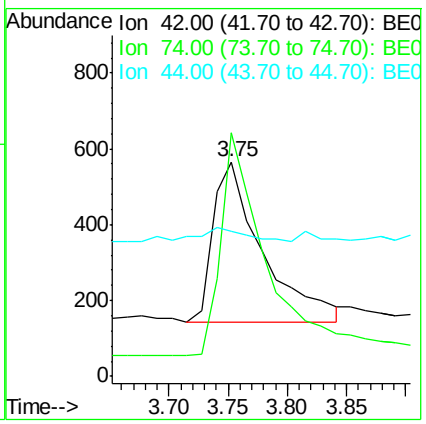


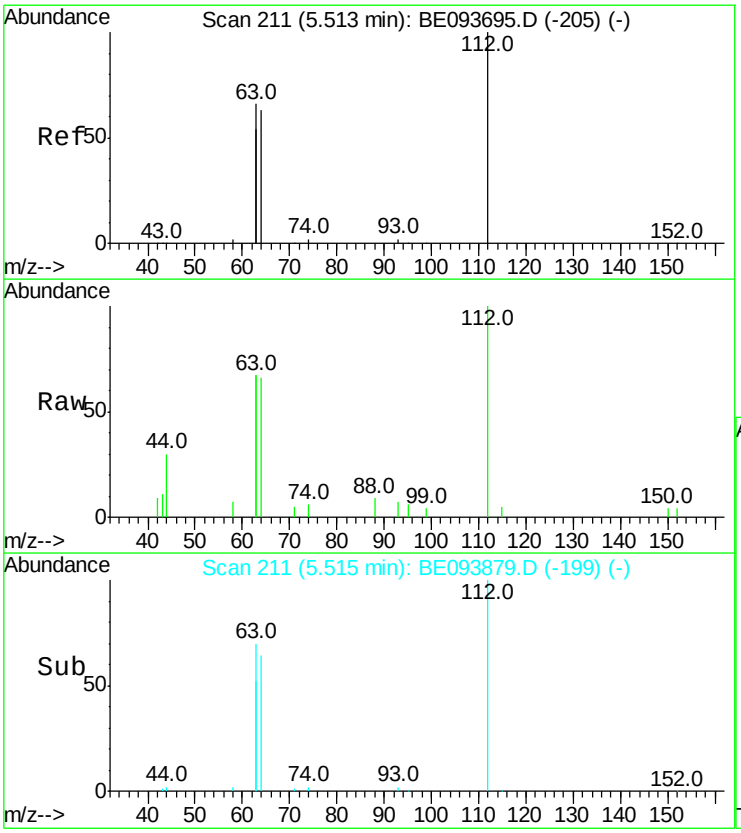
#3
n-Nitrosodimethylamine
Concen: 0.356 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1226

Ion	Ratio	Lower	Upper
42	100		
74	124.7	99.1	148.7
44	9.1	7.4	11.2

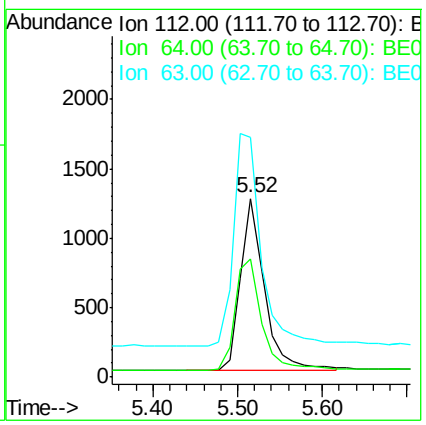


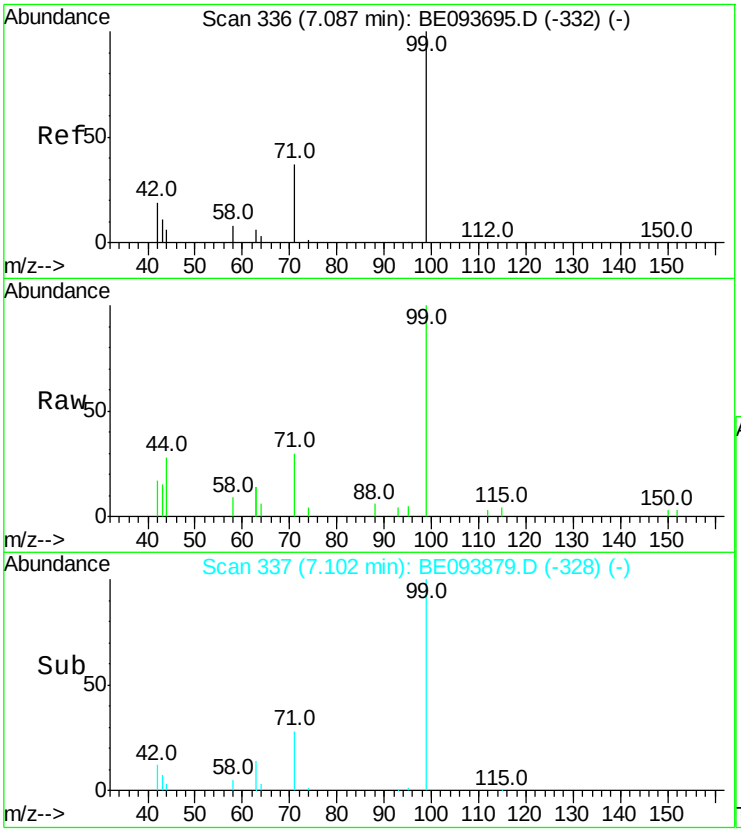


#4
2-Fluorophenol
Concen: 0.345 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:112 Resp: 2457

Ion	Ratio	Lower	Upper
112	100		
64	71.8	56.4	84.6
63	143.4	29.3	43.9#



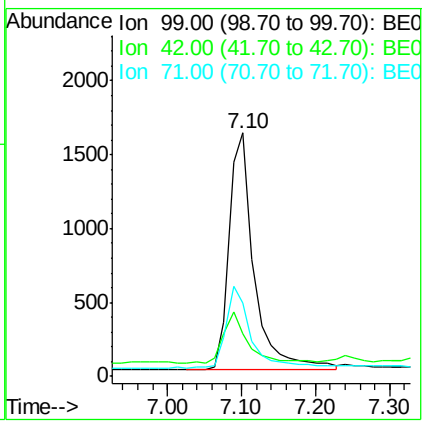


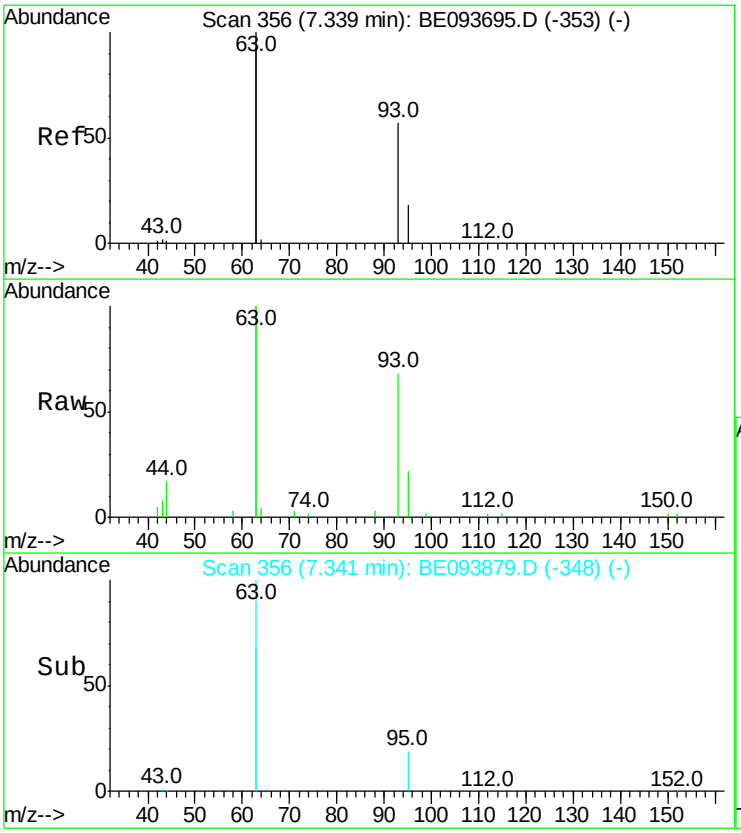
#5
Phenol-d6
Concen: 0.346 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3767

Ion	Ratio	Lower	Upper
99	100		
42	20.5	0.0	0.0#
71	34.3	0.0	0.0#

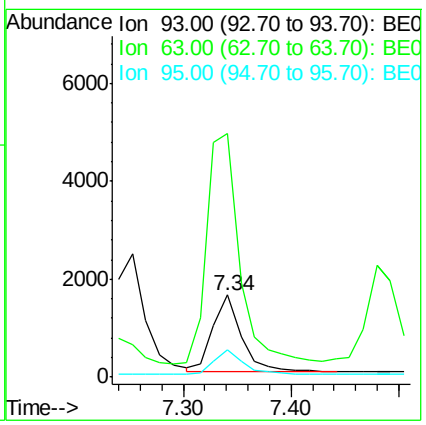


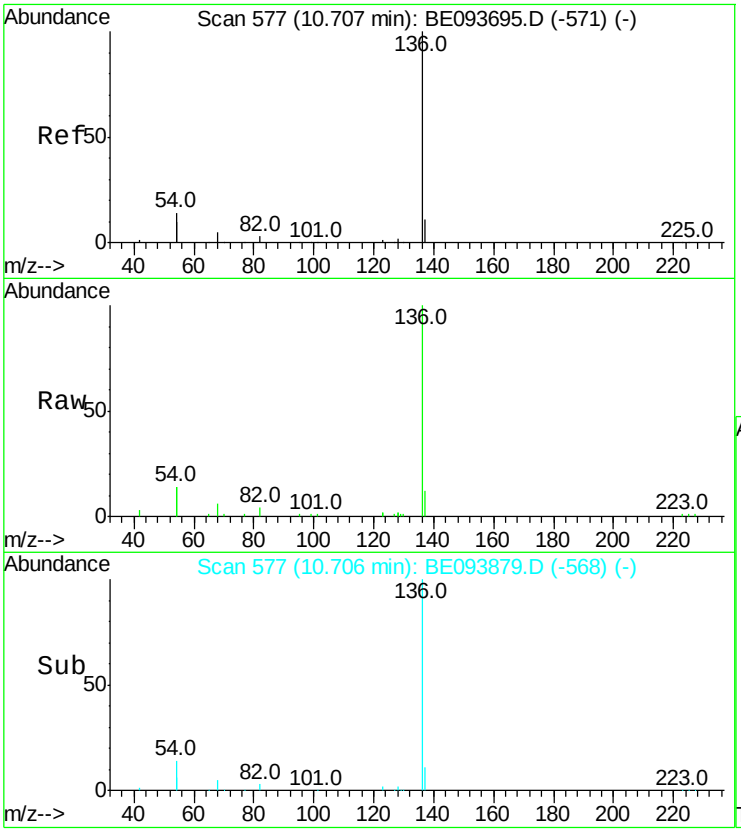


#6
bis(2-Chloroethyl)ether
Concen: 0.345 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion: 93 Resp: 2903

Ion	Ratio	Lower	Upper
93	100		
63	345.2	0.0	0.0#
95	31.3	25.4	38.0



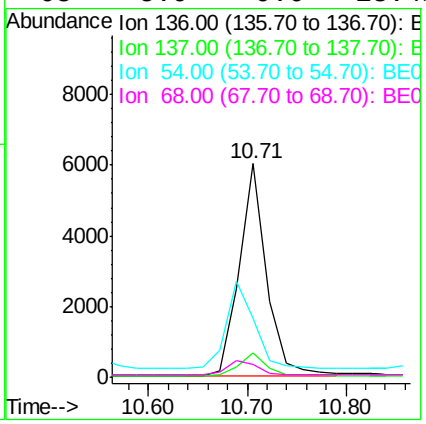


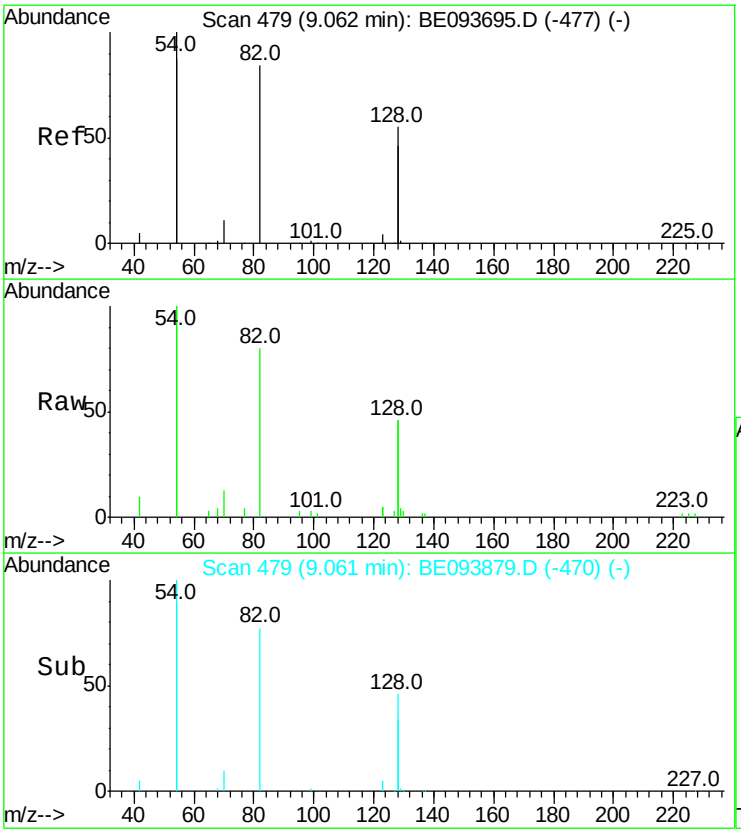
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 11474

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.8
54	27.6	10.3	15.5#
68	5.9	9.0	13.4#

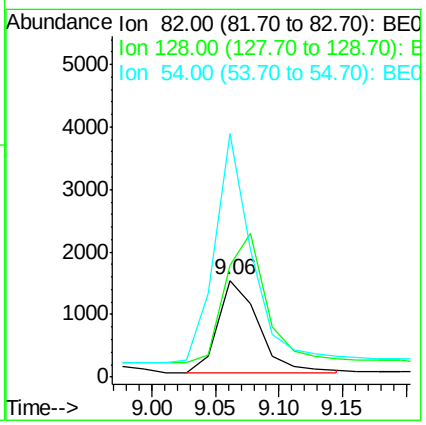


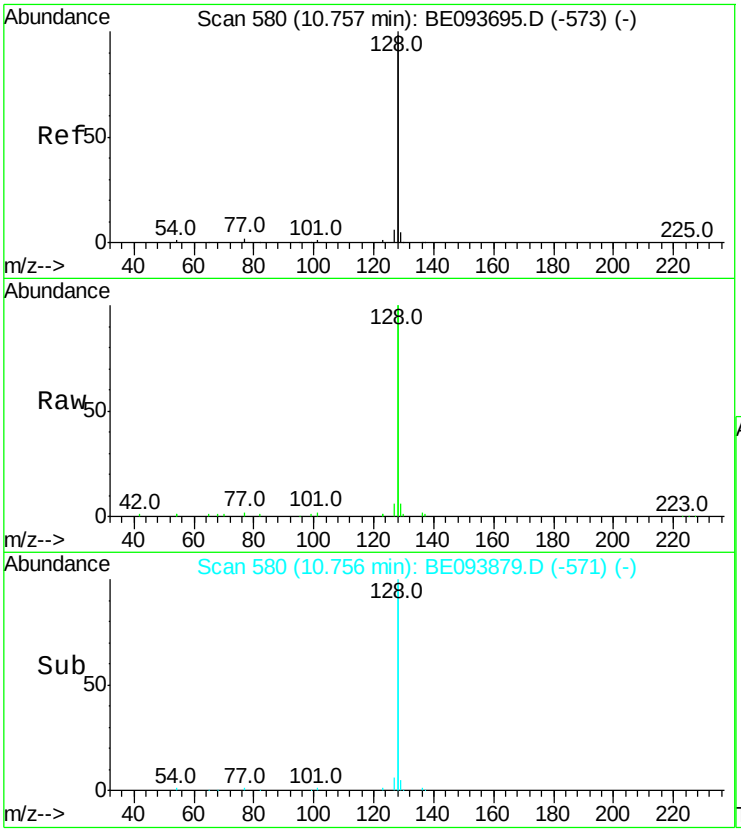


#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion: 82 Resp: 3379

Ion	Ratio	Lower	Upper
82	100		
128	115.8	17.0	25.4#
54	251.4	53.8	80.6#



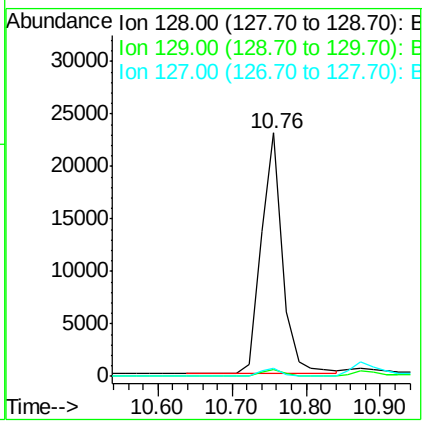


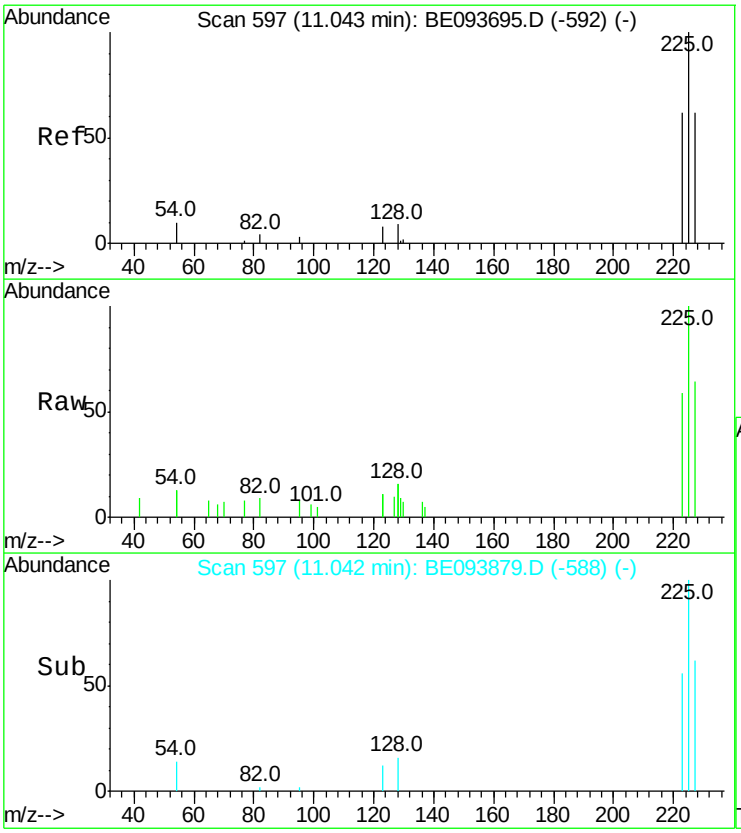
#9
Naphthalene
Concen: 0.351 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 46209

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.2	2.4	3.6

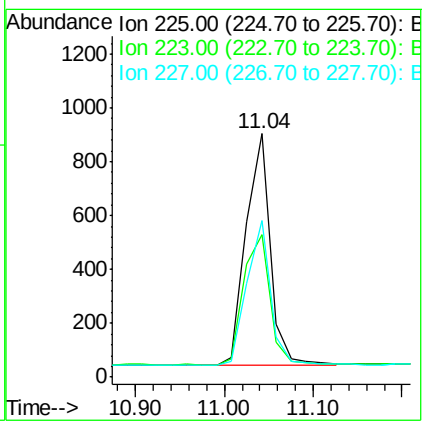


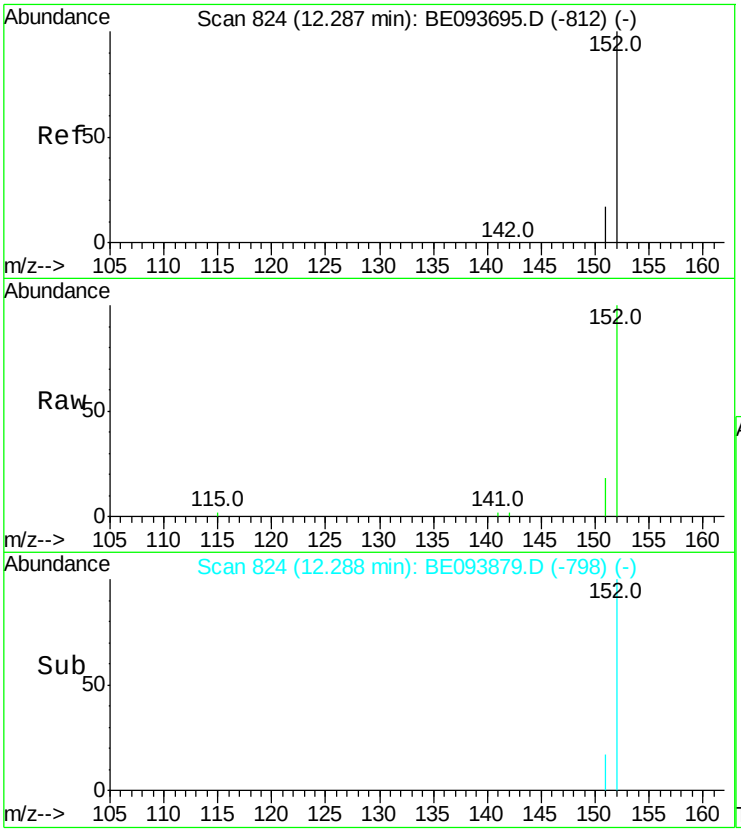


#10
Hexachlorobutadiene
Concen: 0.336 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:225 Resp: 1639

Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	61.2	50.3	75.5



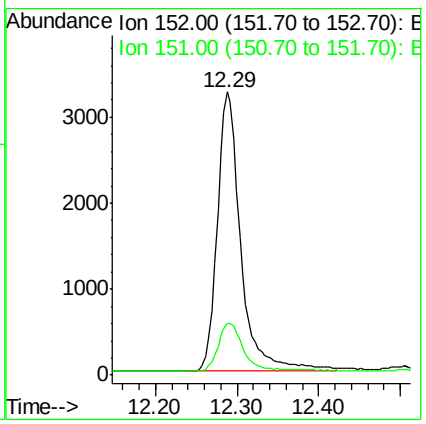


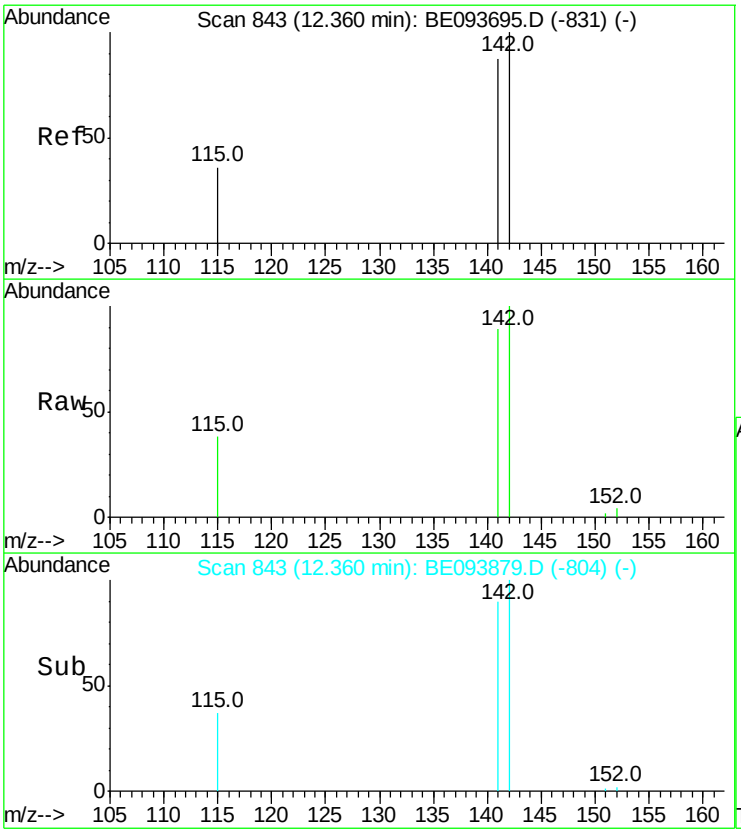
#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.29 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6467

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

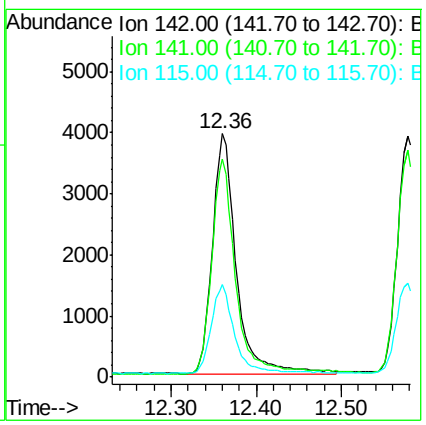


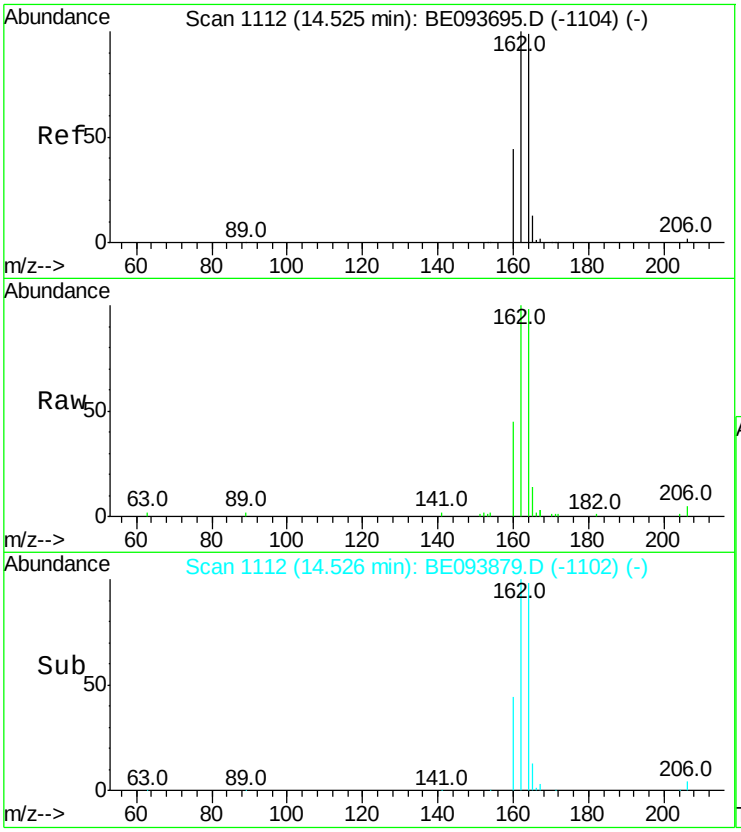


#12
2-Methylnaphthalene
Concen: 0.345 ng
RT: 12.36 min Scan# 843
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:142 Resp: 7666

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8
115	37.9	32.2	48.2



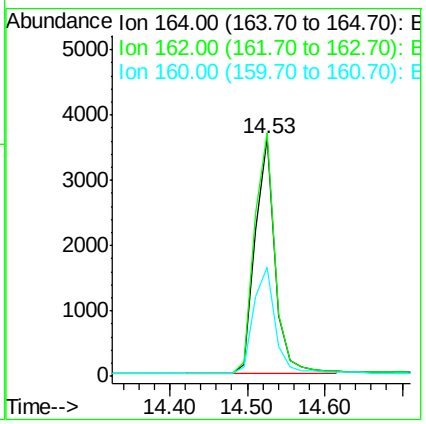


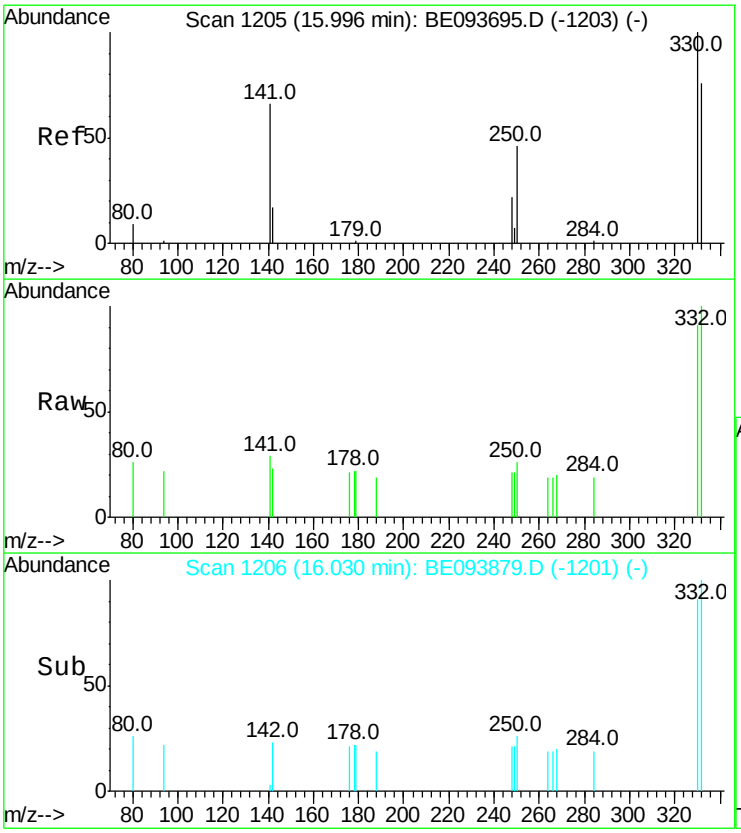
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 6429

Ion	Ratio	Lower	Upper
164	100		
162	102.3	84.6	127.0
160	46.0	41.8	62.6

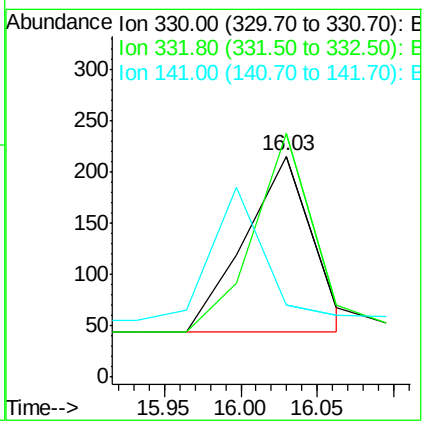


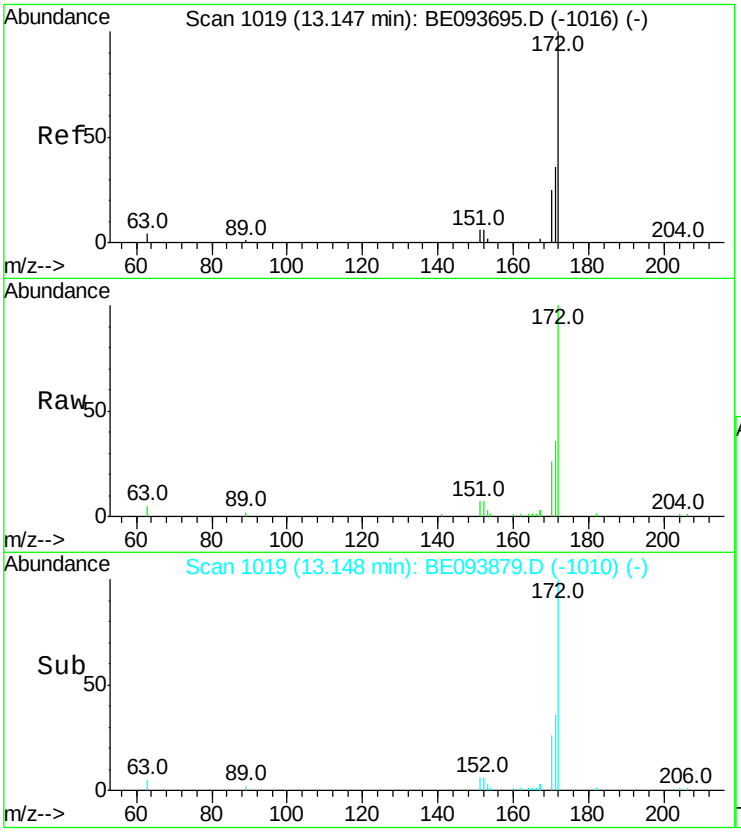


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:330 Resp: 530

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.7	116.5
141	0.0	56.2	84.4#



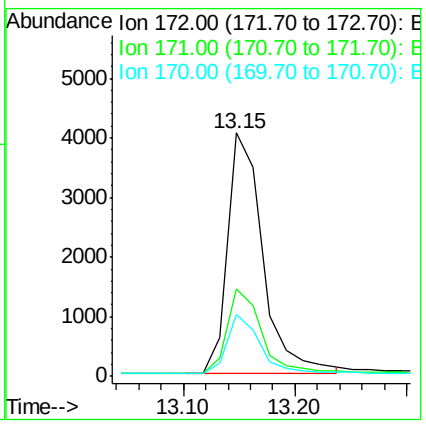


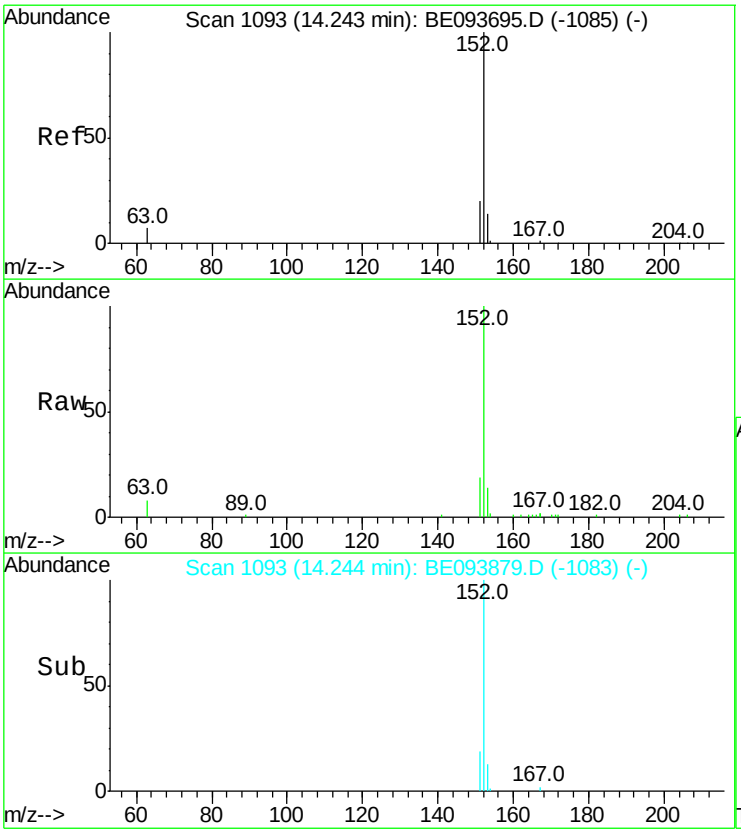
#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 8864

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	25.6	20.7	31.1

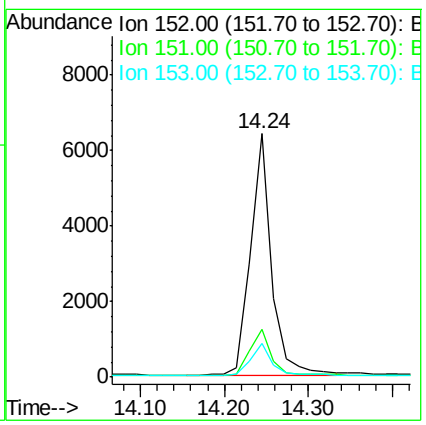


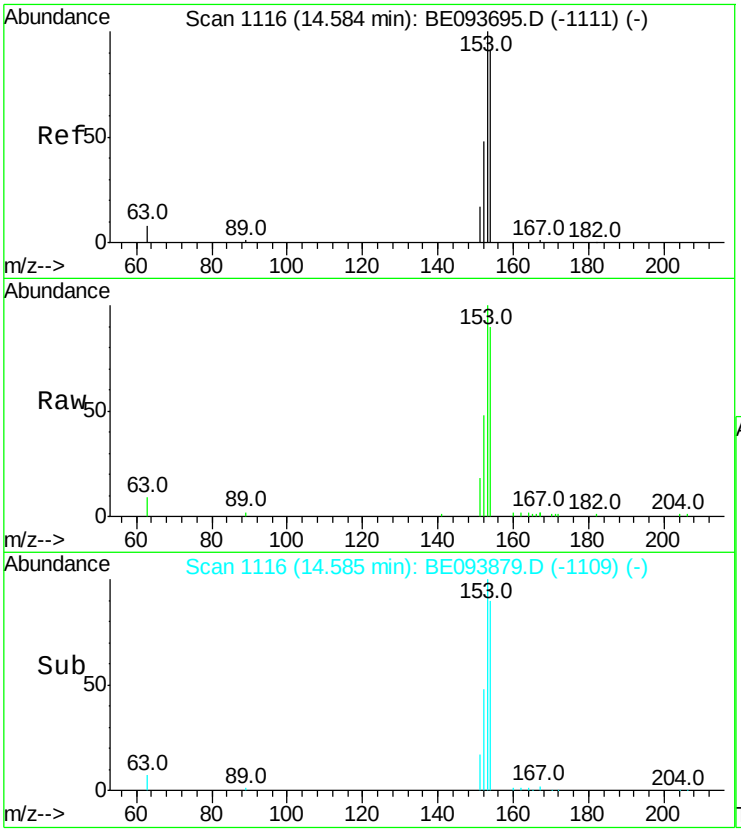


#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:152 Resp: 11184

Ion	Ratio	Lower	Upper
152	100		
151	19.3	4.0	6.0#
153	13.2	10.3	15.5



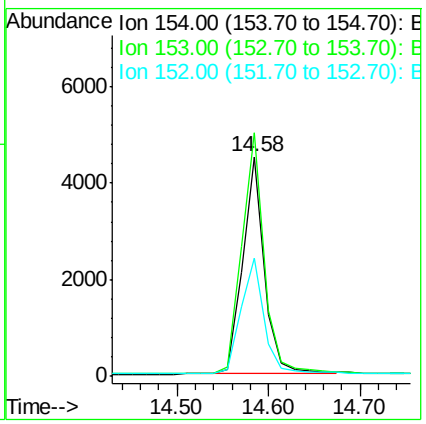


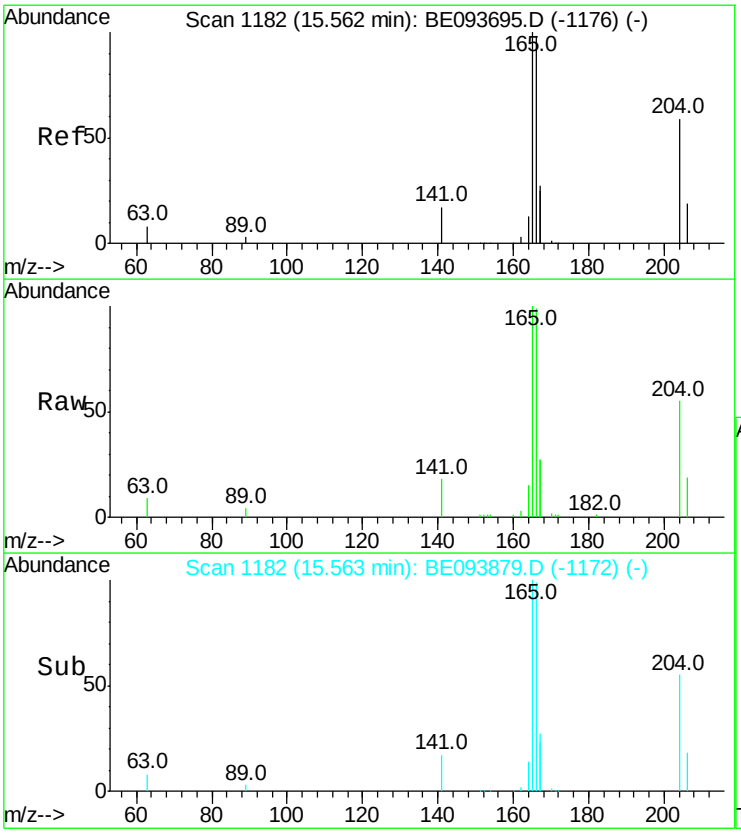
#17
Acenaphthene
Concen: 0.342 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 7459

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.2	136.8
152	55.7	44.8	67.2

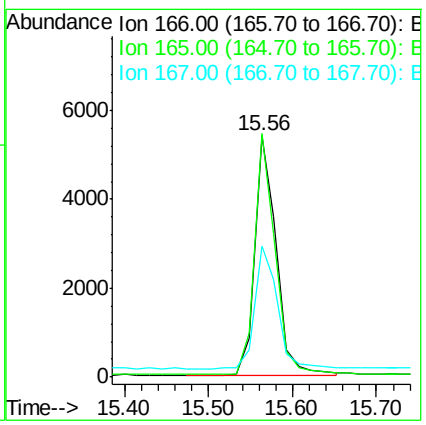


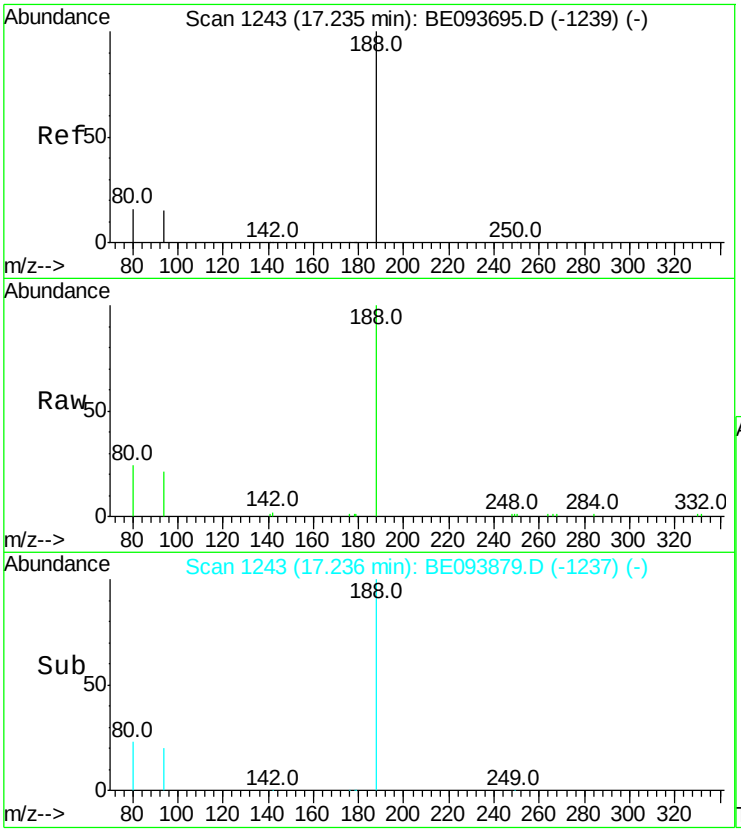


#18
Fluorene
Concen: 0.339 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:166 Resp: 9543

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	53.5	11.1	16.7#



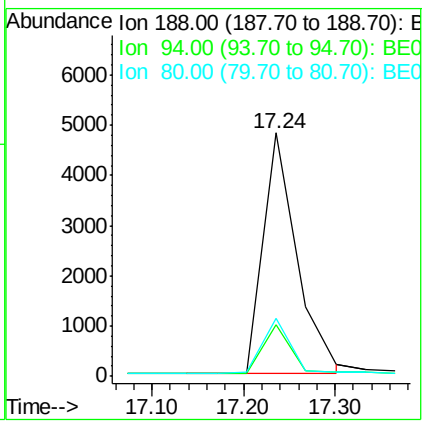


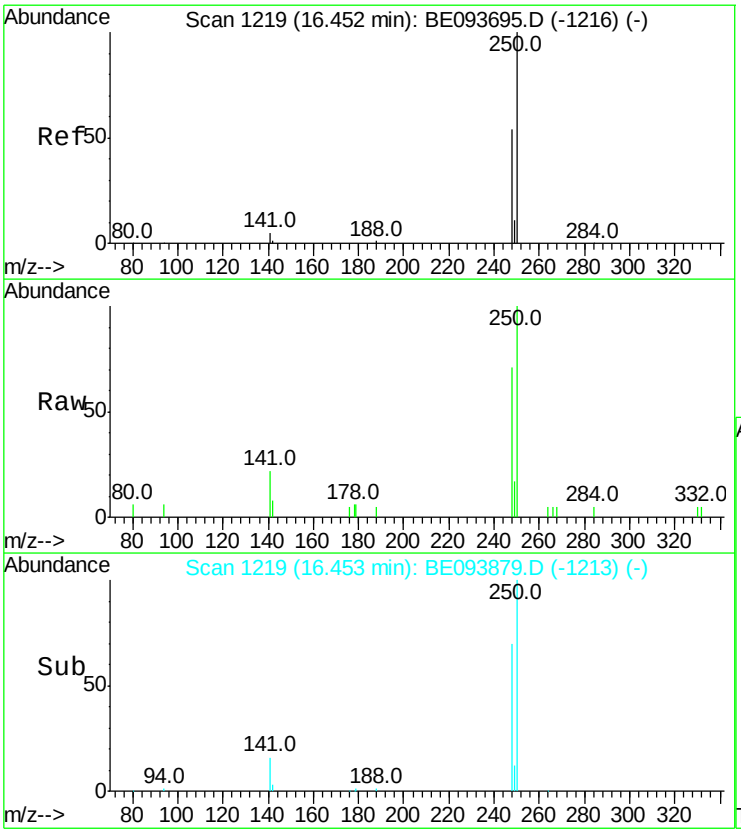
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 12359

Ion	Ratio	Lower	Upper
188	100		
94	21.0	11.3	16.9#
80	23.9	11.7	17.5#

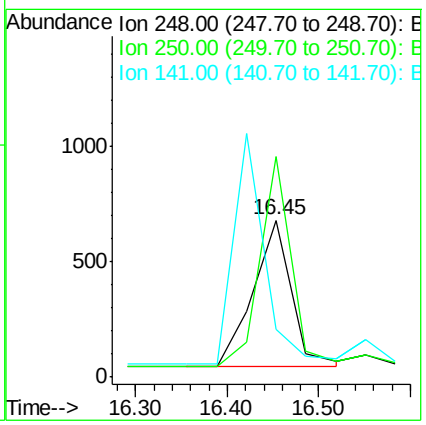


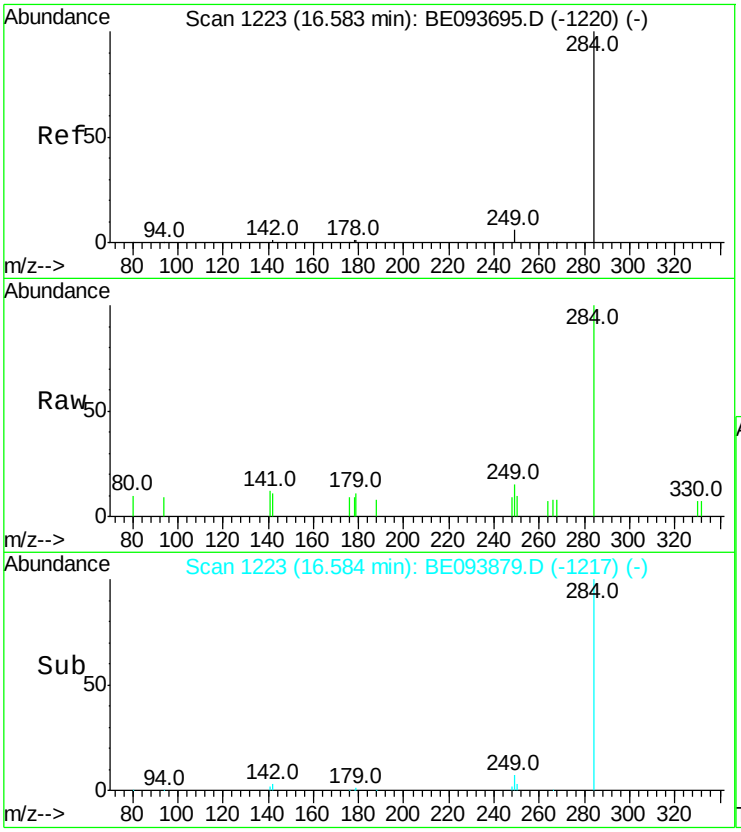


#20
4-Bromophenyl-phenylether
Concen: 0.533 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:248 Resp: 1866

Ion	Ratio	Lower	Upper
248	100		
250	140.4	128.0	192.0
141	30.7	12.0	18.0#



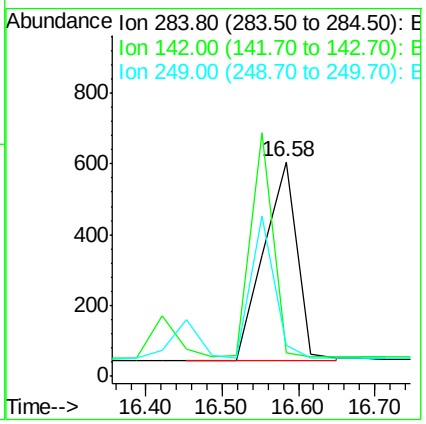


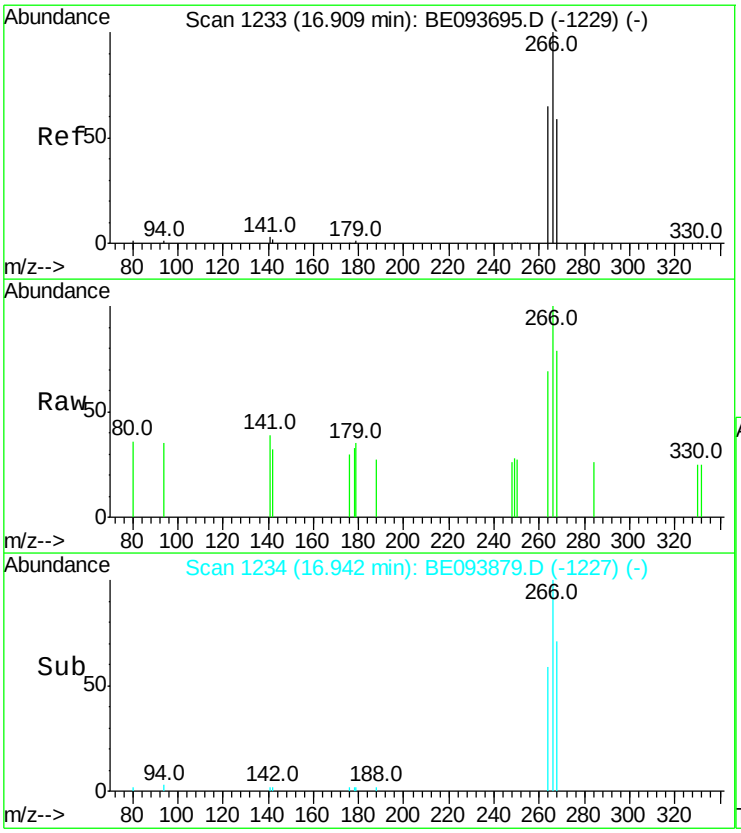
#21
Hexachlorobenzene
Concen: 0.465 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1733

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

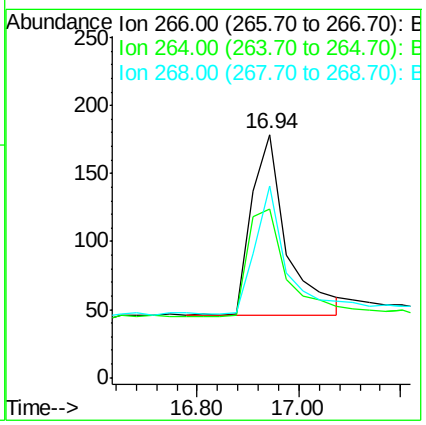


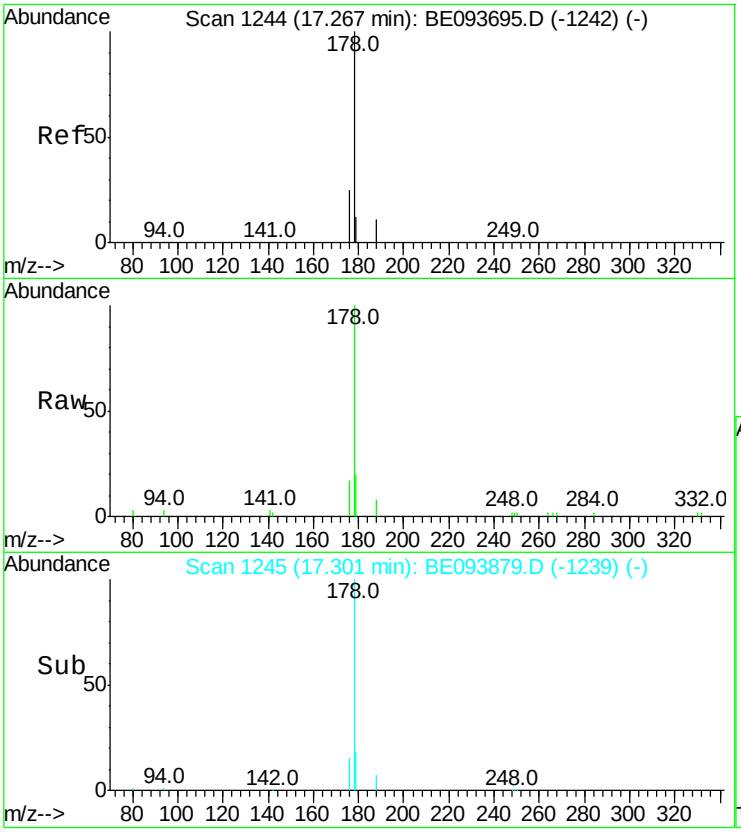


#22
Pentachlorophenol
Concen: 0.244 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.03 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:266 Resp: 636

Ion	Ratio	Lower	Upper
266	100		
264	69.3	56.0	84.0
268	78.8	52.0	78.0#



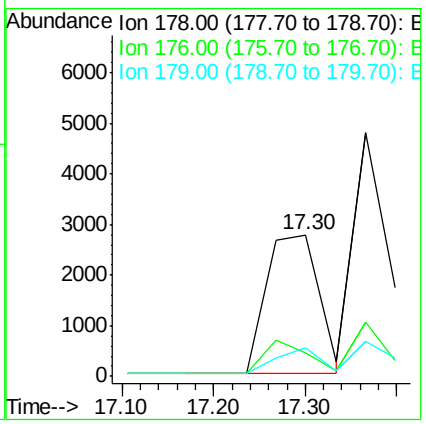


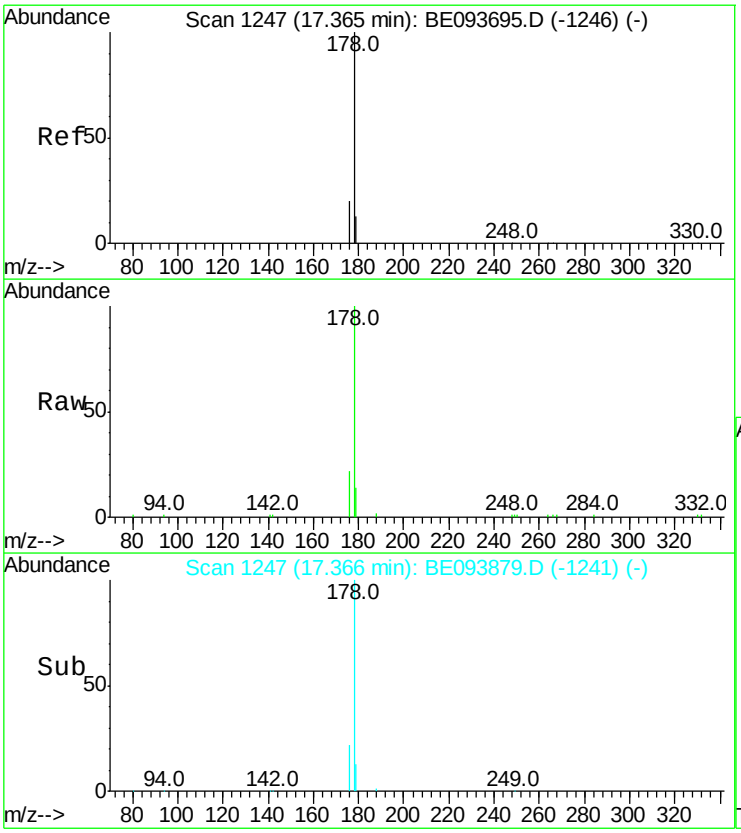
#23
Phenanthrene
Concen: 0.417 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.03 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 10968

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	15.1	12.7	19.1

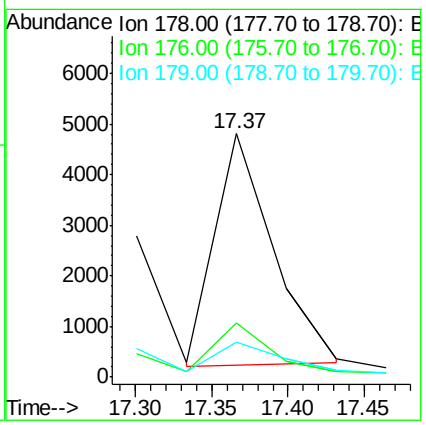


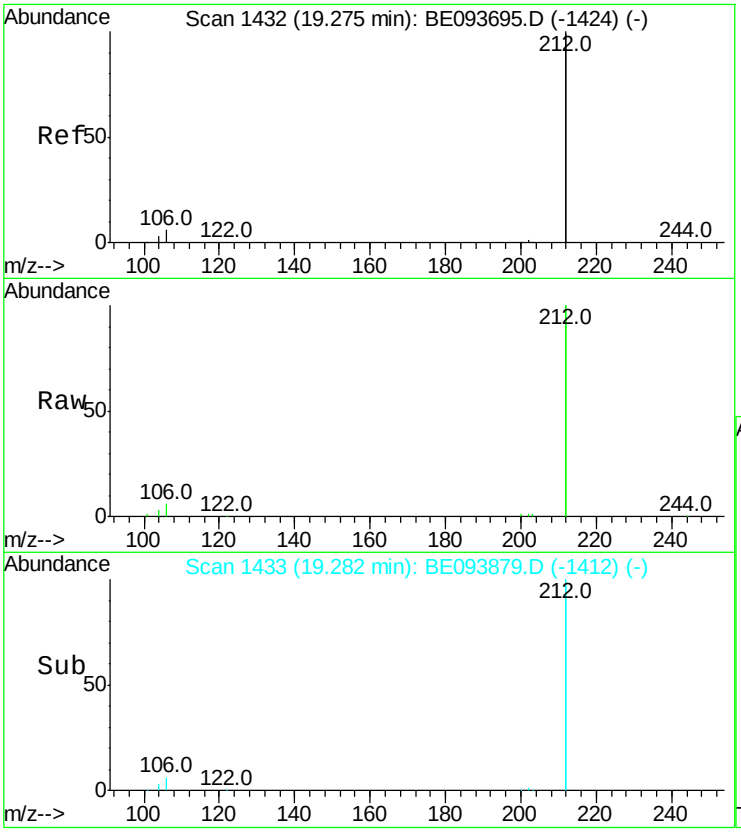


#24
Anthracene
Concen: 0.303 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:178 Resp: 12096

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.6	22.0
179	14.2	12.0	18.0



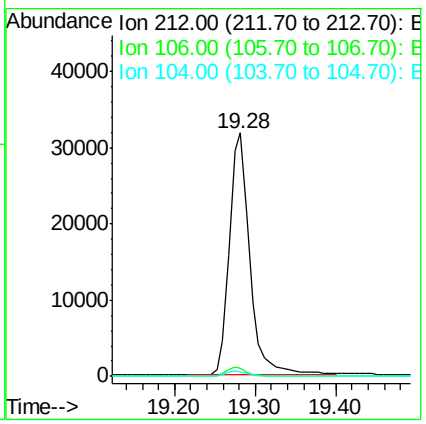


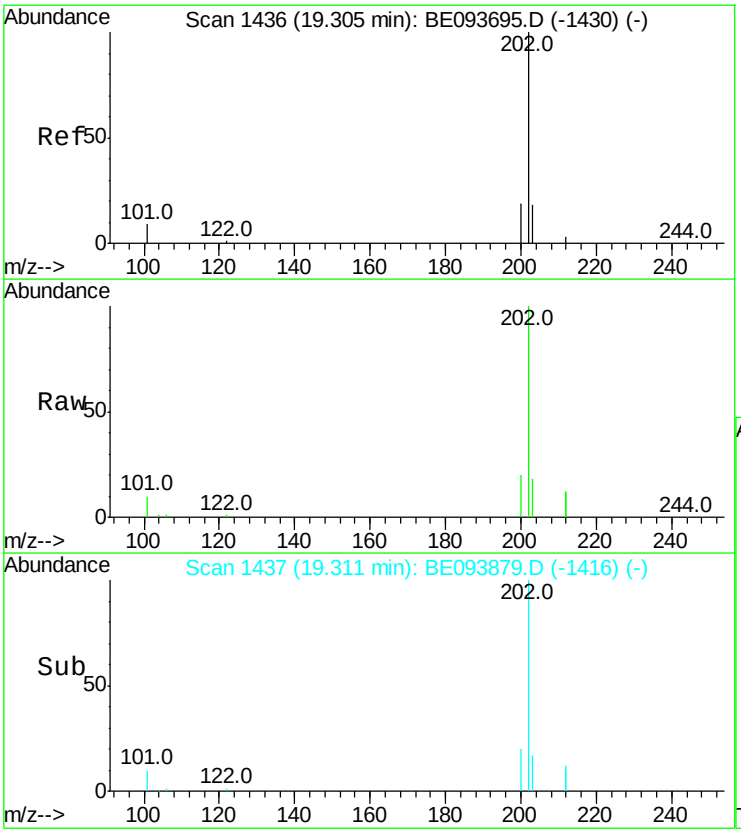
#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.28 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 55958

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.9	1.6	2.4

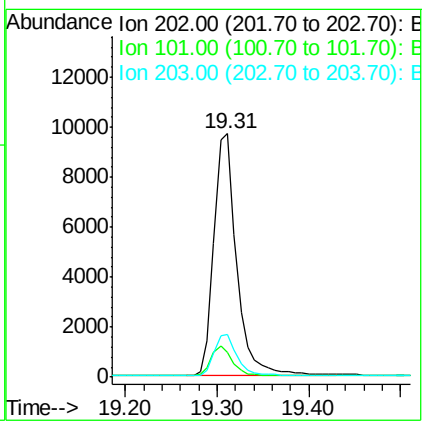


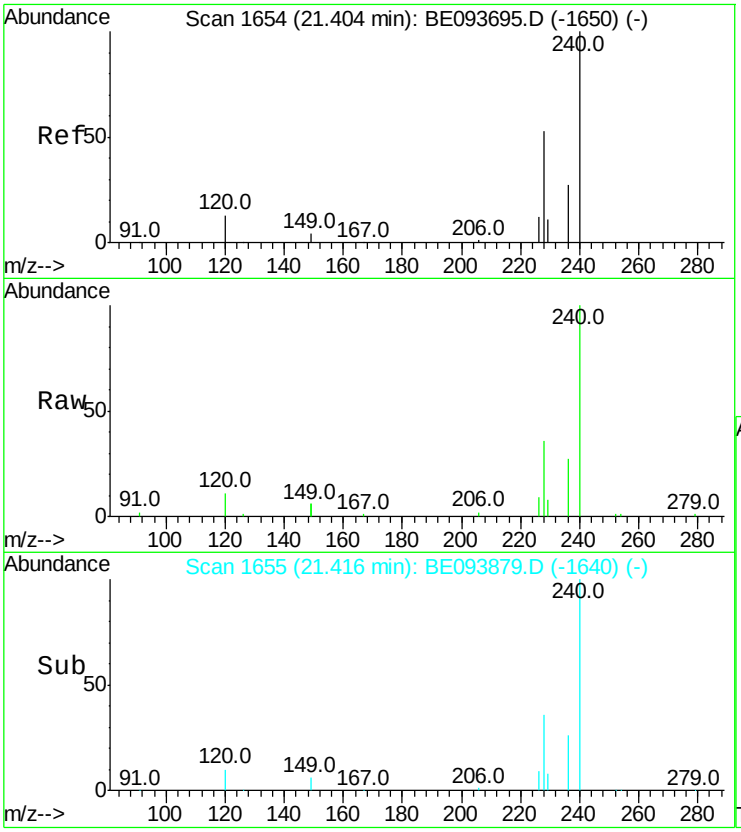


#26
Fluoranthene
Concen: 0.387 ng
RT: 19.31 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:202 Resp: 16717

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	16.8	14.4	21.6



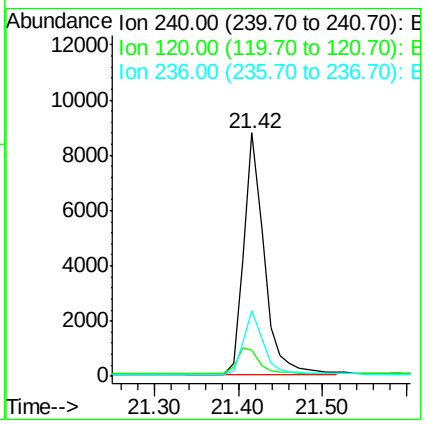


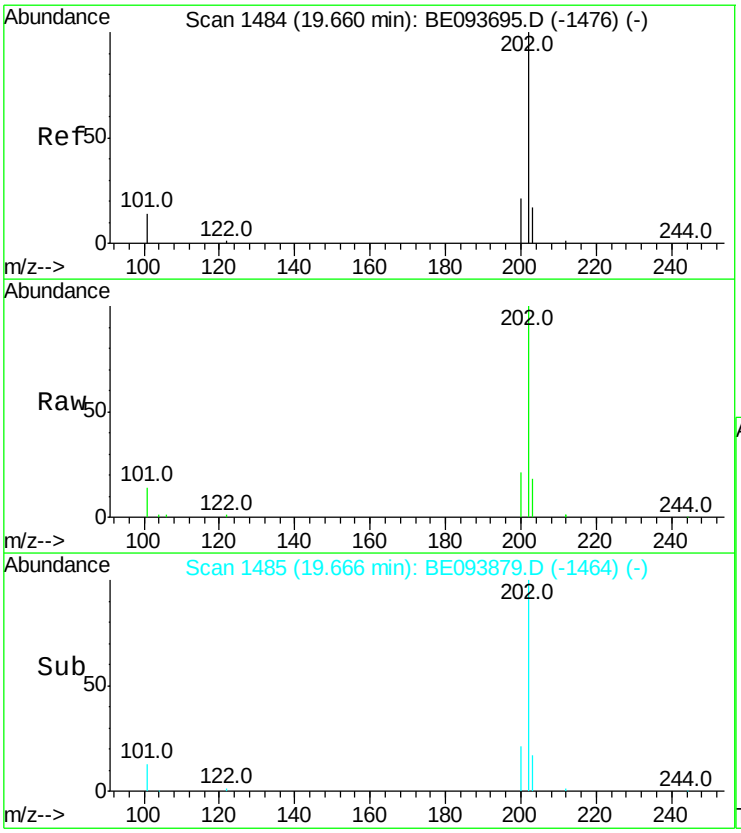
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 14790

Ion	Ratio	Lower	Upper
240	100		
120	10.7	4.6	7.0#
236	26.8	20.8	31.2

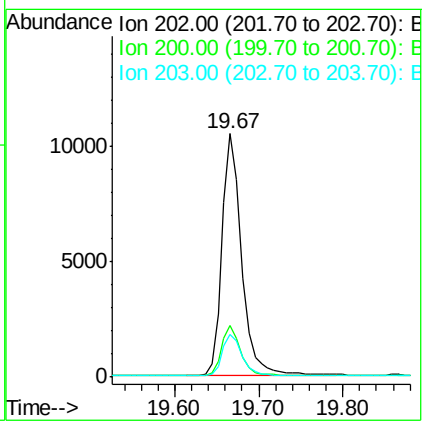


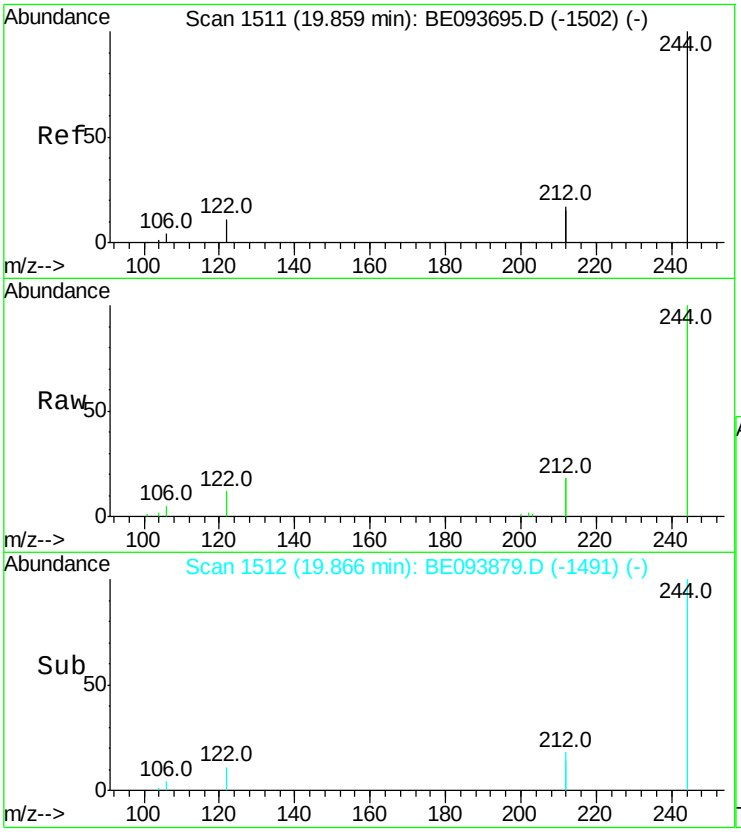


#28
Pyrene
Concen: 0.353 ng
RT: 19.67 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:202 Resp: 17121

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	17.8	13.7	20.5



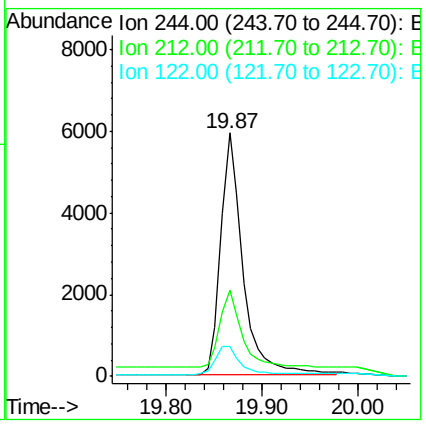


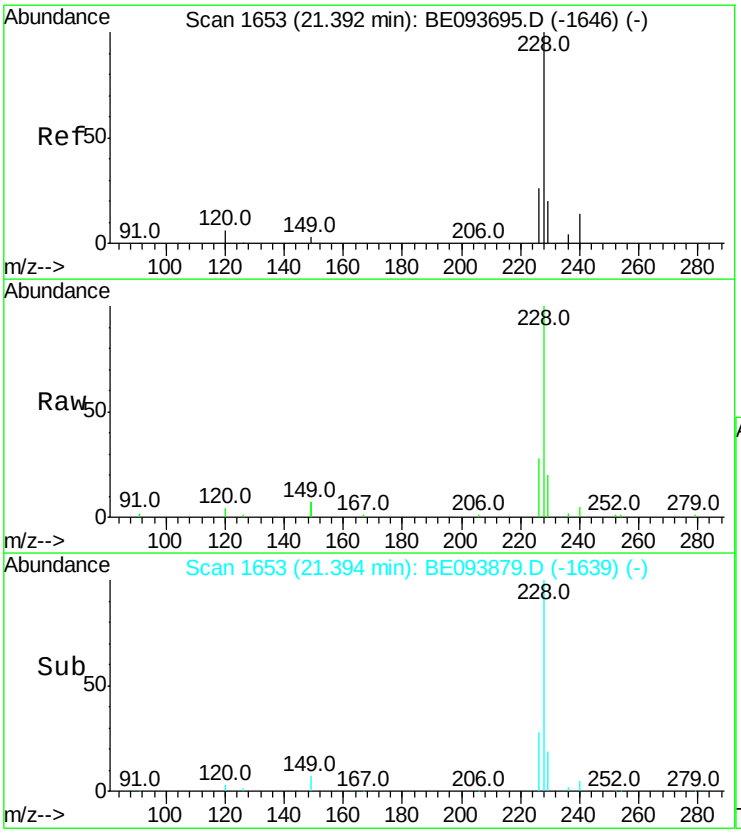
#29
Terphenyl-d14
Concen: 0.357 ng
RT: 19.87 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 9415

Ion	Ratio	Lower	Upper
244	100		
212	35.7	10.6	16.0#
122	12.0	15.4	23.0#

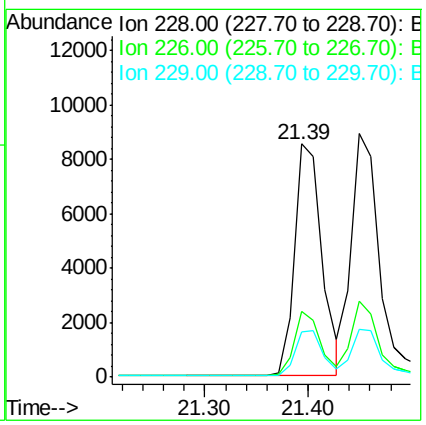


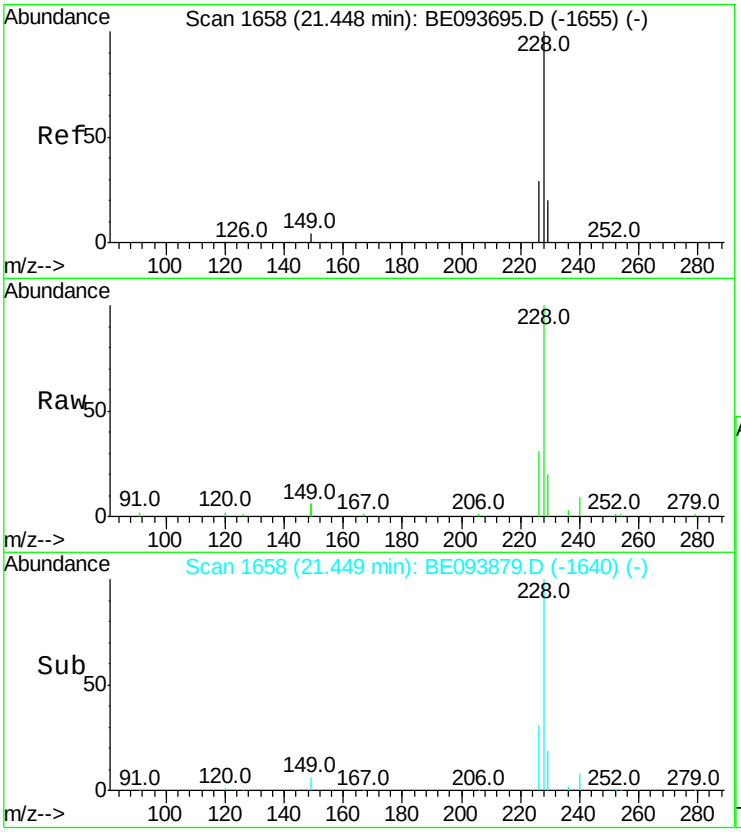


#30
Benzo(a)anthracene
Concen: 0.330 ng
RT: 21.39 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:228 Resp: 15492

Ion	Ratio	Lower	Upper
228	100		
226	28.2	19.7	29.5
229	19.6	19.2	28.8



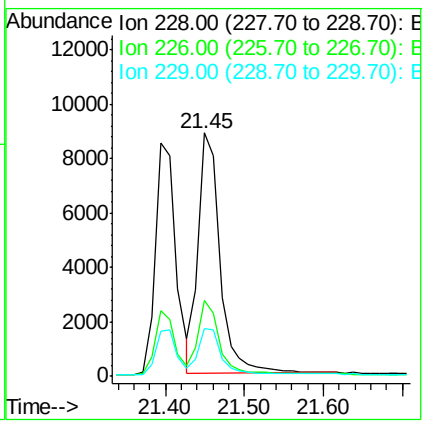


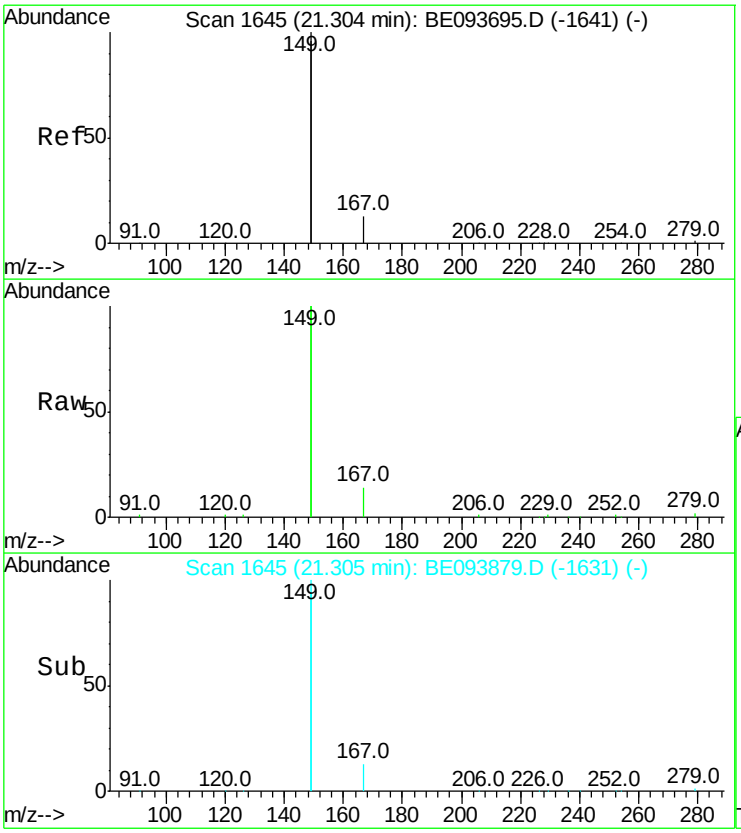
#31
Chrysene
Concen: 0.355 ng
RT: 21.45 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 16995

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.5	32.3
229	19.9	18.6	28.0

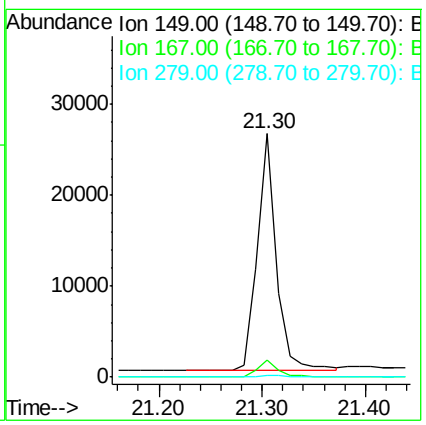


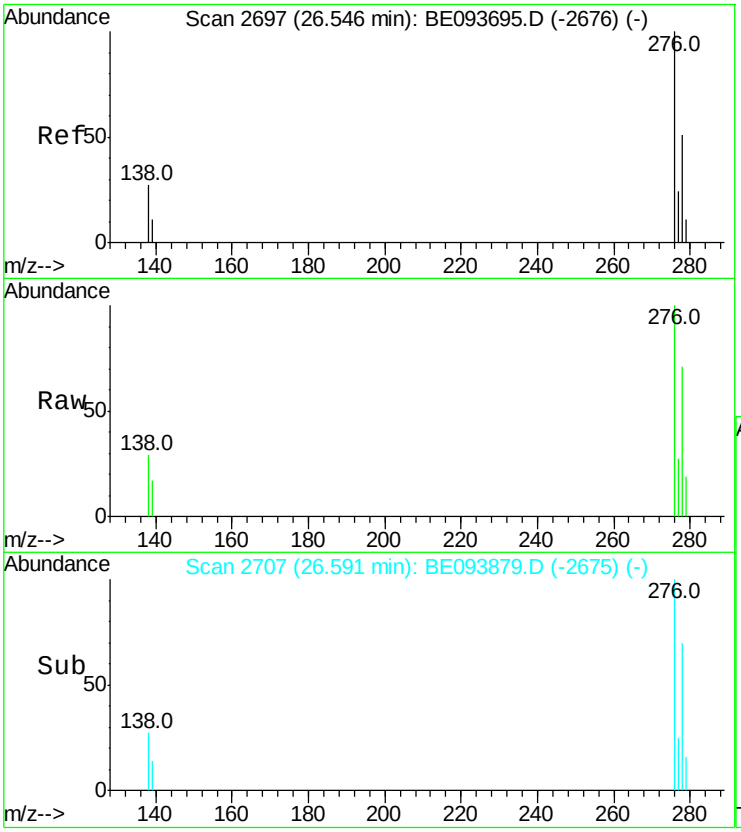


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.329 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:149 Resp: 33094

Ion	Ratio	Lower	Upper
149	100		
167	6.8	4.8	7.2
279	1.0	0.8	1.2



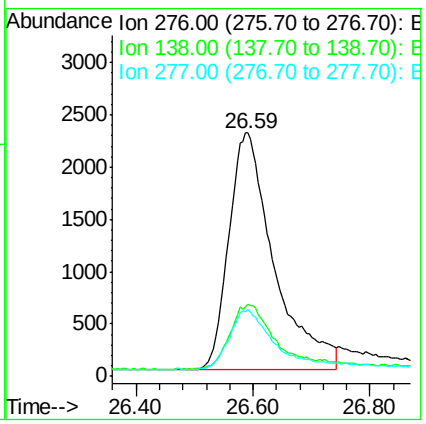


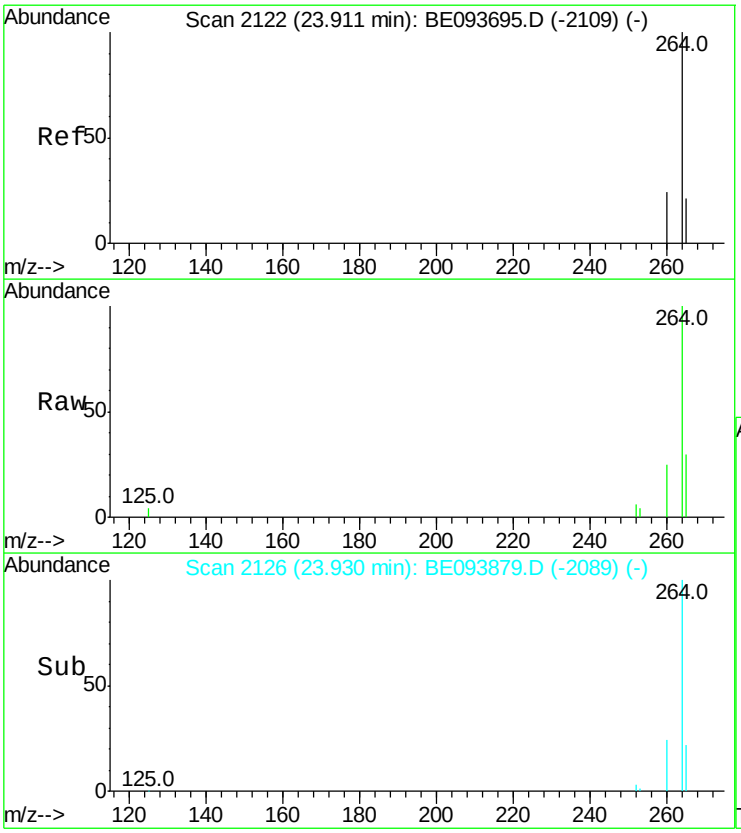
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.263 ng
RT: 26.59 min Scan# 2707
Delta R.T. 0.05 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12153

Ion	Ratio	Lower	Upper
276	100		
138	26.6	27.4	41.2#
277	25.1	20.1	30.1

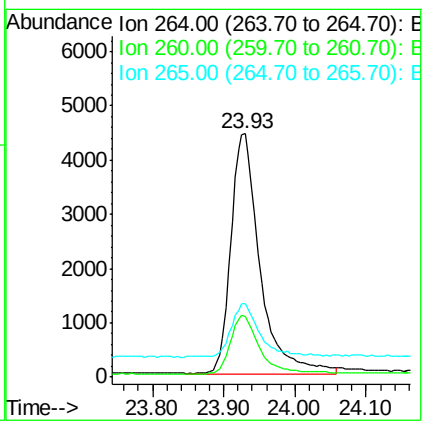


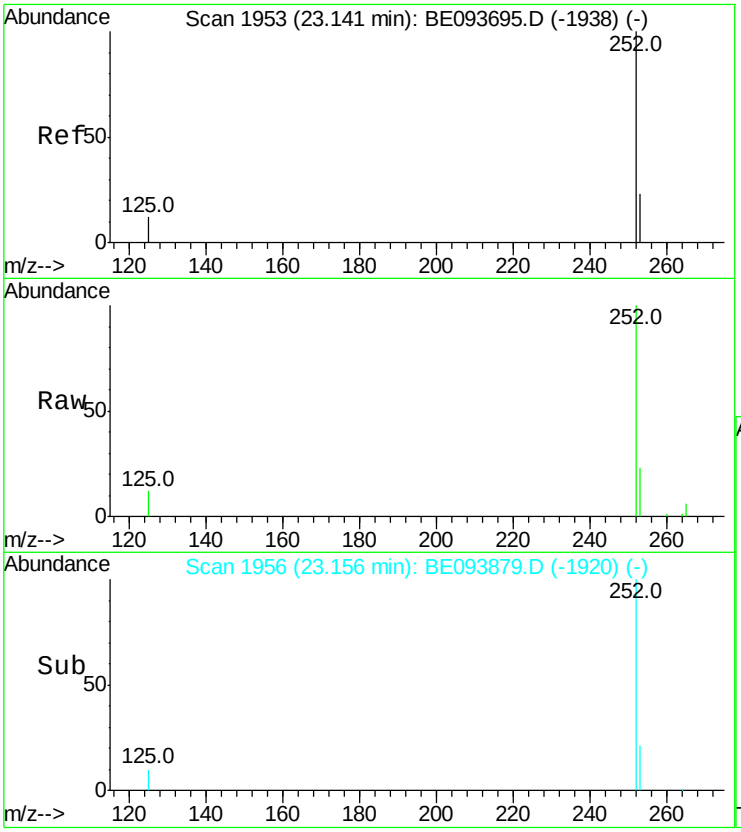


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2126
Delta R.T. 0.02 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:264 Resp: 12584

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.0	31.4
265	30.0	24.6	36.8



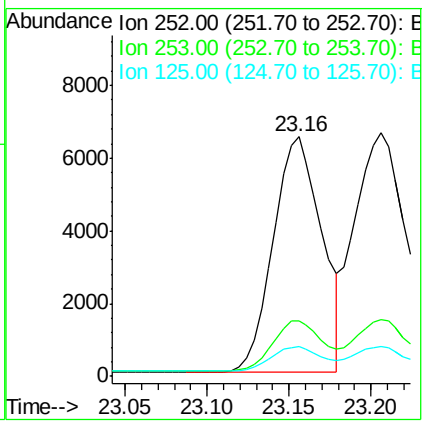


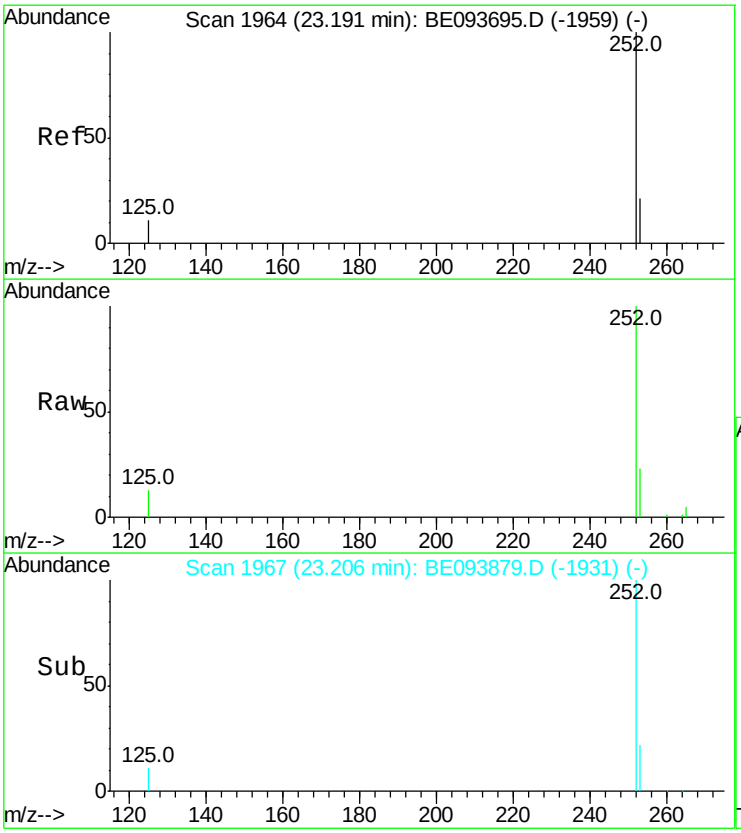
#35
Benzo(b)fluoranthene
Concen: 0.307 ng
RT: 23.16 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13408

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	12.3	13.4	20.0#

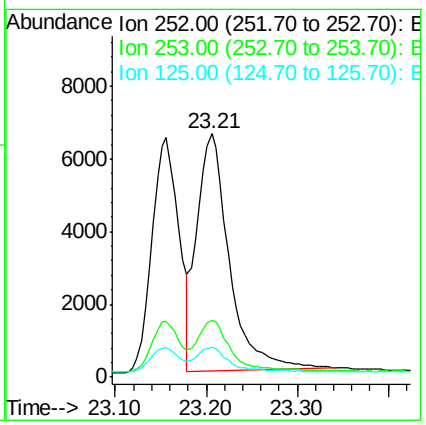


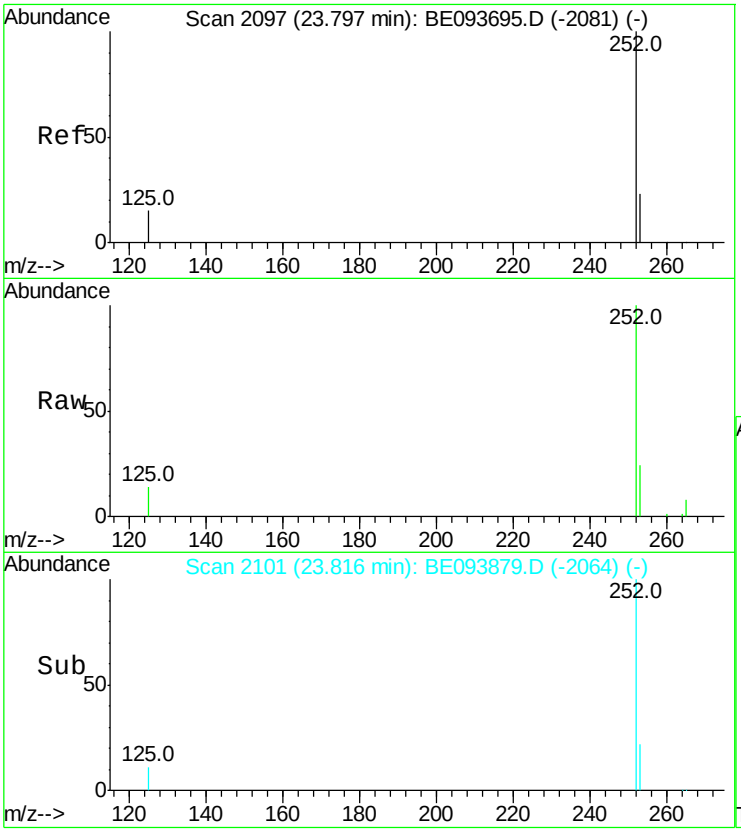


#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.21 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:252 Resp: 16089

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.3	30.5
125	12.5	12.2	18.4



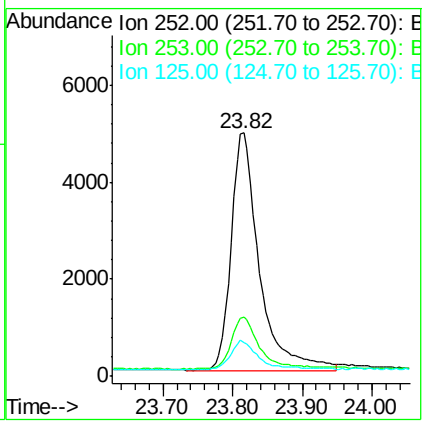


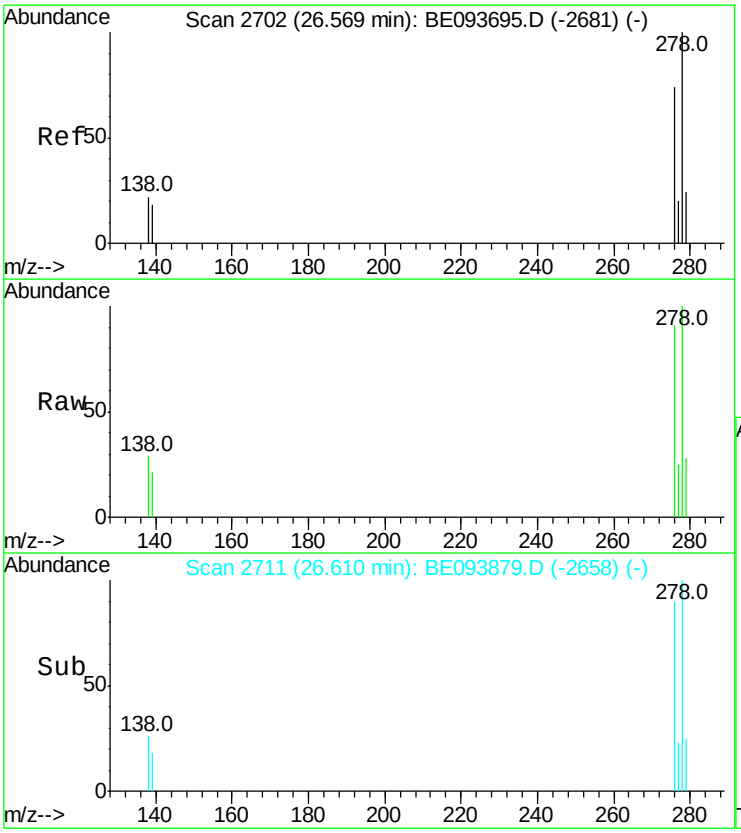
#37
Benzo(a)pyrene
Concen: 0.335 ng
RT: 23.82 min Scan# 2101
Delta R.T. 0.02 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13785

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.9	29.9
125	13.9	14.6	21.8#

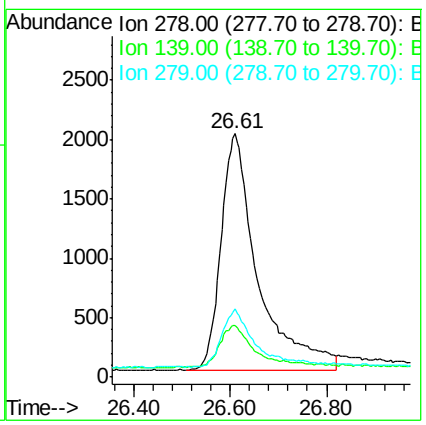


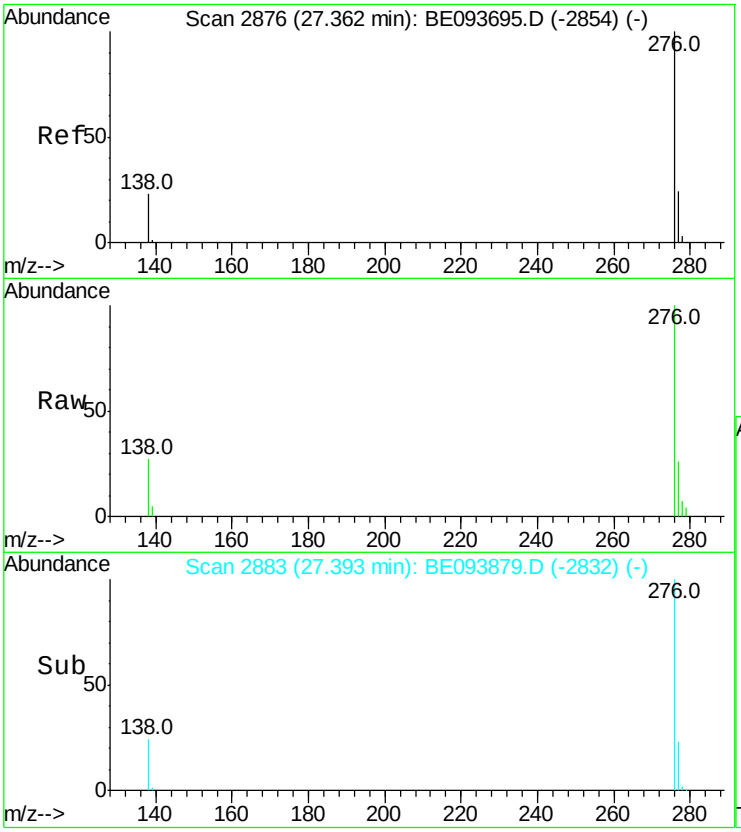


#38
Dibenzo(a,h)anthracene
Concen: 0.274 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.04 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Tgt Ion:278 Resp: 10578

Ion	Ratio	Lower	Upper
278	100		
139	21.1	21.4	32.0#
279	27.8	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.284 ng
RT: 27.39 min Scan# 2883
Delta R.T. 0.03 min
Lab File: BE093879.D
Acq: 22 Aug 2017 17:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10966

Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.2	31.8
138	26.7	24.5	36.7