Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
Data File : BE093638.D
Acq On : 2 Aug 2017 22:24
Operator : SJ/JU
Sample : I4426-03MSD
Misc : I4426-07
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CSMW-100-0717MSD

Quant Time: Aug 03 02:49:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3025	0.40	ng		-0.01
7) Naphthalene-d8	10.71	136	13912	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	7906	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	19465	0.40	ng		0.00
27) Chrysene-d12	21.40	240	22310	0.40	ng		-0.01
34) Perylene-d12	23.91	264	18654	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	1657	0.18	ng		0.00
5) Phenol-d6	7.10	99	1530	0.11	ng		0.00
8) Nitrobenzene-d5	9.06	82	4016	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	7796	0.35	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	731	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	15069	0.48	ng		-0.02
25) Fluoranthene-d10	19.27	212	90958	0.41	ng		0.00
29) Terphenyl-d14	19.86	244	19082	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	880	0.179	ng	#	66
3) n-Nitrosodimethylamine	3.75	42	659	0.143	ng	#	93
6) bis(2-Chloroethyl)ether	7.34	93	3986	0.349	ng	#	98
9) Naphthalene	10.76	128	54769	0.340	ng		99
10) Hexachlorobutadiene	11.04	225	1870	0.313	ng		100
12) 2-Methylnaphthalene	12.36	142	9539	0.358	ng		96
16) Acenaphthylene	14.24	152	13742	0.364	ng	#	87
17) Acenaphthene	14.58	154	9543	0.358	ng		98
18) Fluorene	15.56	166	12841	0.360	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	2050	0.330	ng	#	86
21) Hexachlorobenzene	16.58	284	1993	0.322	ng	#	100
22) Pentachlorophenol	16.91	266	2752	0.875	ng		96
24) Anthracene	17.36	178	37664	0.643	ng	#	91
26) Fluoranthene	19.30	202	26689	0.392	ng		98
28) Pyrene	19.66	202	27638	0.383	ng	#	98
30) Benzo(a)anthracene	21.39	228	25596	0.390	ng		95
31) Chrysene	21.45	228	25399	0.347	ng		96
32) Bis(2-ethylhexyl)phthalate	21.30	149	66243	0.741	ng		98
33) Indeno(1,2,3-cd)pyrene	26.54	276	23475	0.354	ng		93
35) Benzo(b)fluoranthene	23.14	252	23317	0.350	ng	#	95
36) Benzo(k)fluoranthene	23.19	252	23134	0.340	ng	#	94
37) Benzo(a)pyrene	23.80	252	21394	0.355	ng	#	93
38) Dibenzo(a,h)anthracene	26.57	278	19811	0.340	ng	#	88
39) Benzo(g,h,i)perylene	27.36	276	19967	0.338	ng	#	91

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

Quantitation Report (Not Reviewed)

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Operator : SJ/JU
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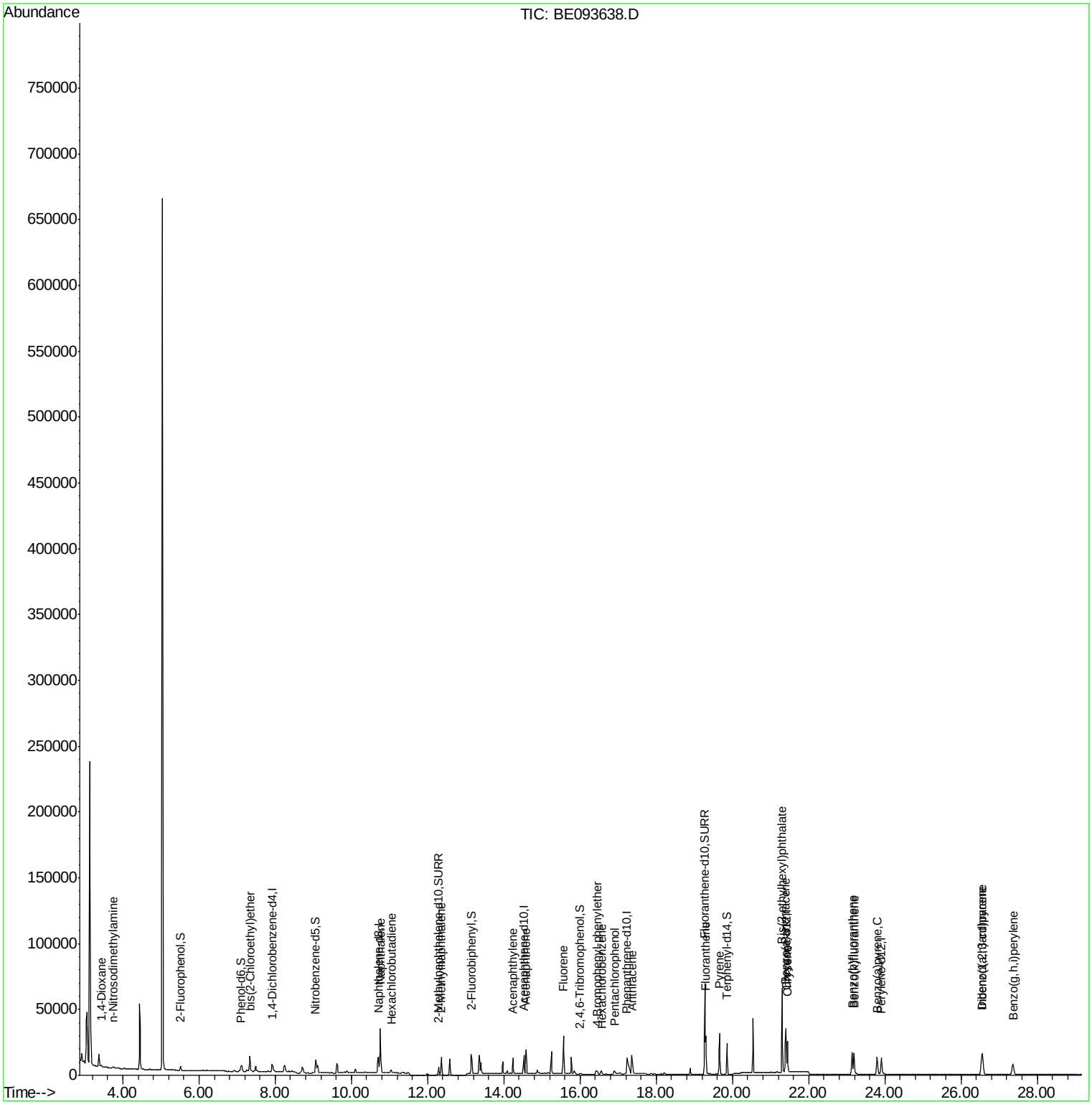
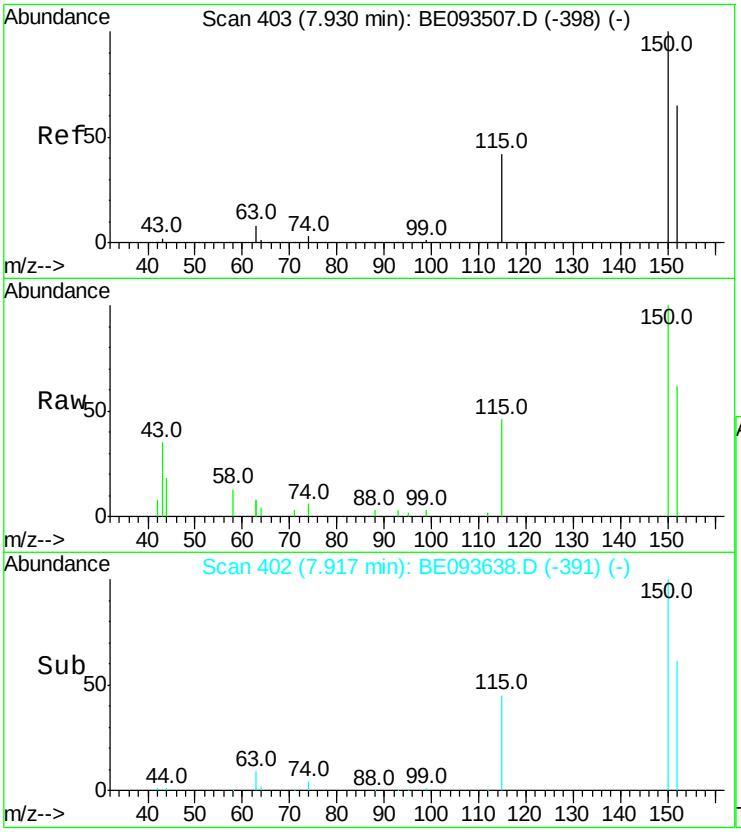
Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Quant Time: Aug 03 02:49:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration



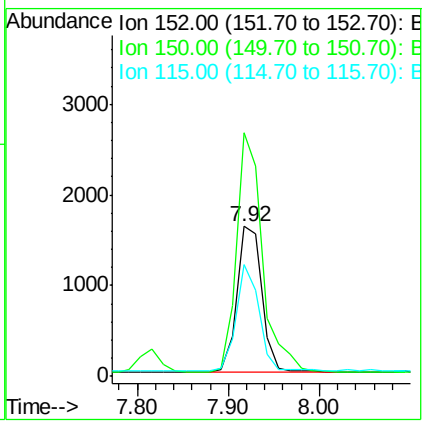


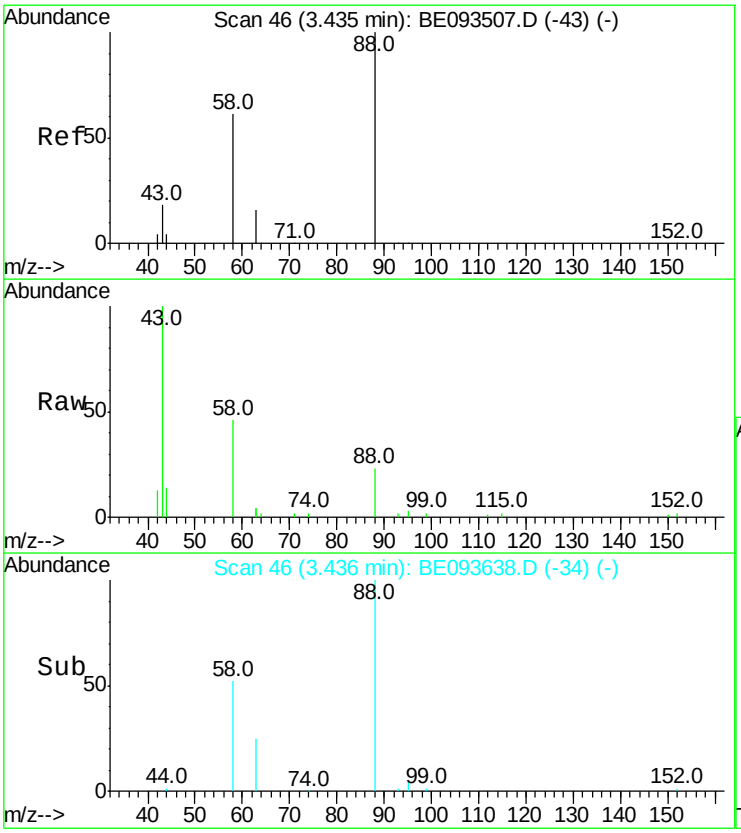
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:152 Resp: 3025

Ion	Ratio	Lower	Upper
152	100		
150	162.5	125.1	187.7
115	74.8	55.7	83.5

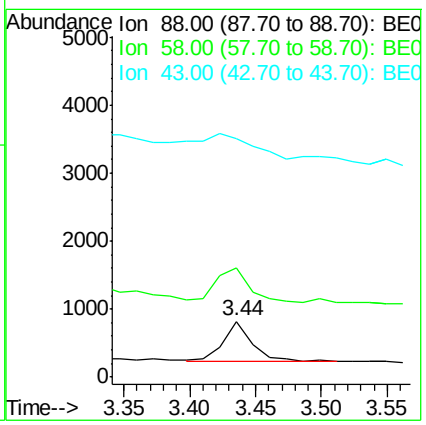


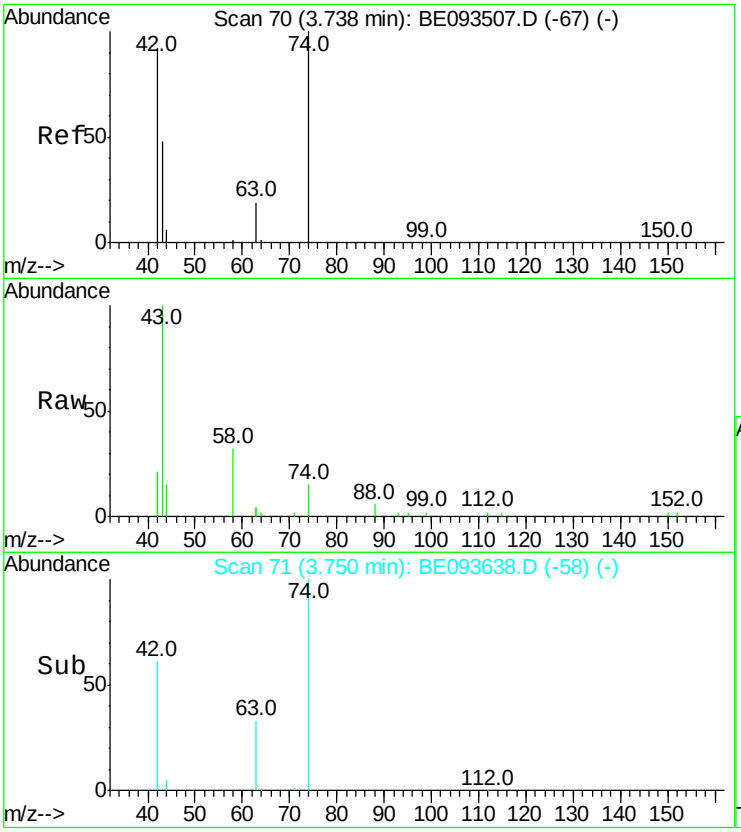


#2
1,4-Dioxane
Concen: 0.179 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion: 88 Resp: 880

Ion	Ratio	Lower	Upper
88	100		
58	101.1	62.2	93.4#
43	0.0	23.2	34.8#



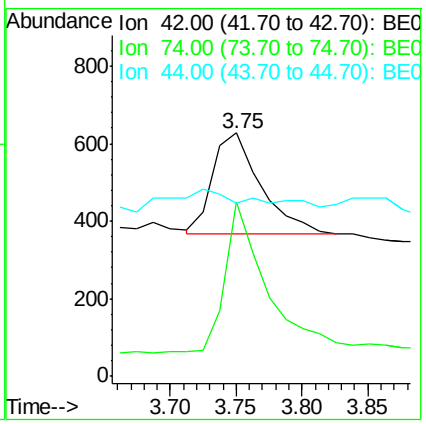


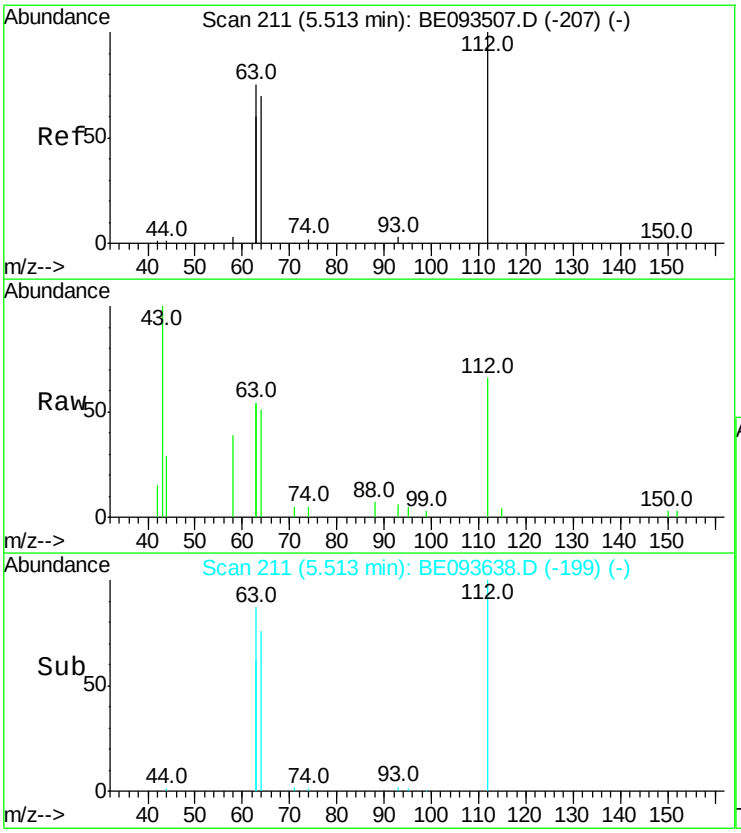
#3
n-Nitrosodimethylamine
Concen: 0.143 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion: 42 Resp: 659

Ion	Ratio	Lower	Upper
42	100		
74	130.5	99.1	148.7
44	0.0	7.4	11.2#

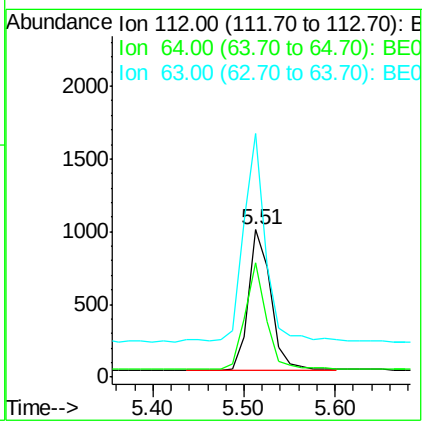


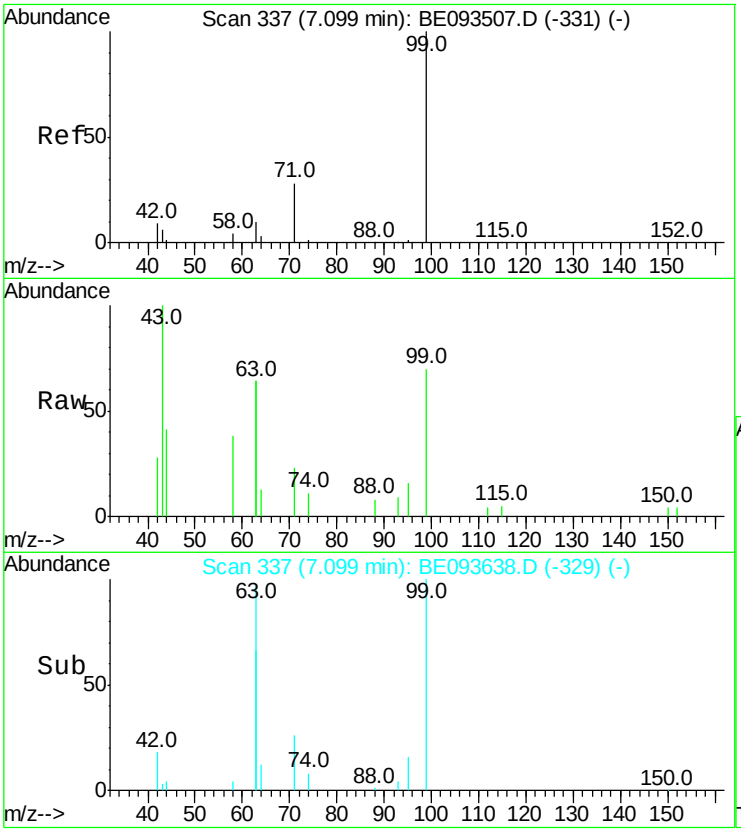


#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:112 Resp: 1657

Ion	Ratio	Lower	Upper
112	100		
64	71.6	56.4	84.6
63	139.2	29.3	43.9#



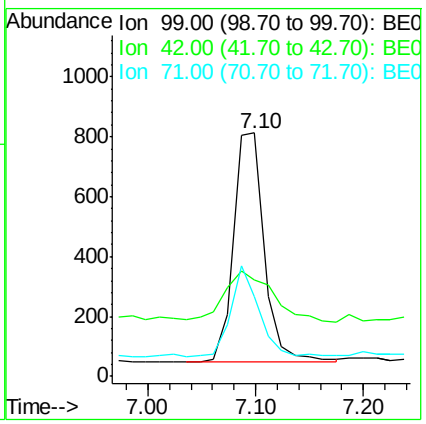


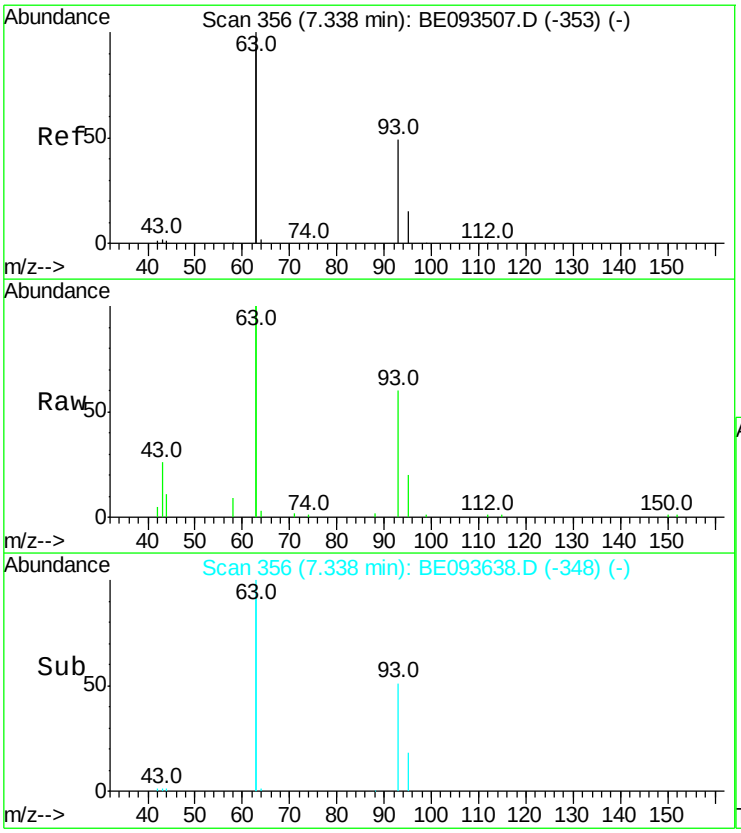
#5
Phenol-d6
Concen: 0.113 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion: 99 Resp: 1530

Ion	Ratio	Lower	Upper
99	100		
42	34.5	0.0	0.0#
71	36.9	0.0	0.0#

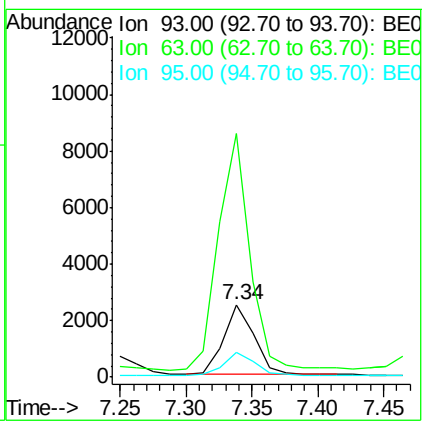


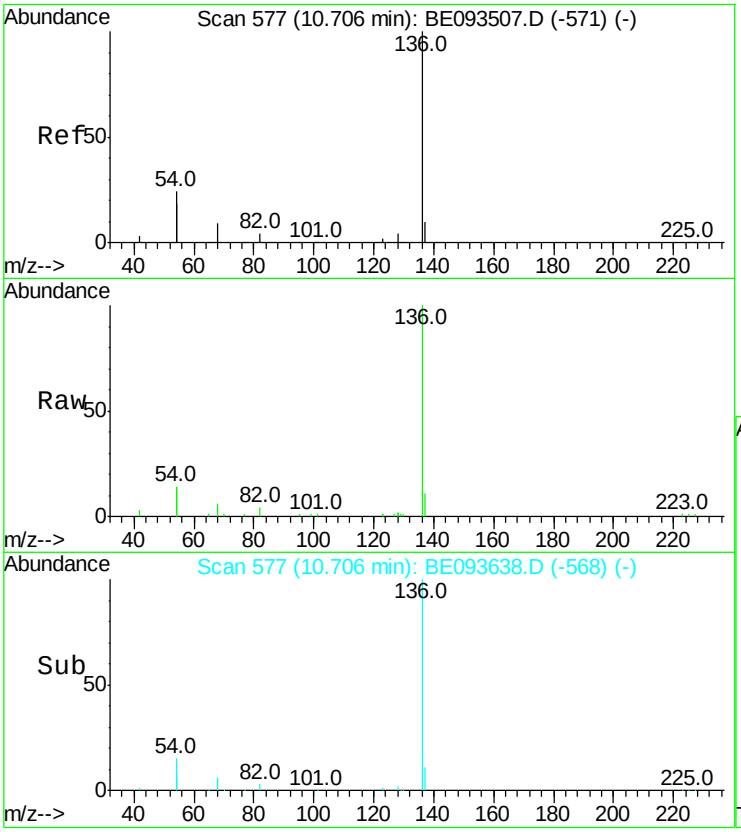


#6
bis(2-Chloroethyl)ether
Concen: 0.349 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion: 93 Resp: 3986

Ion	Ratio	Lower	Upper
93	100		
63	346.1	0.0	0.0#
95	32.8	25.4	38.0



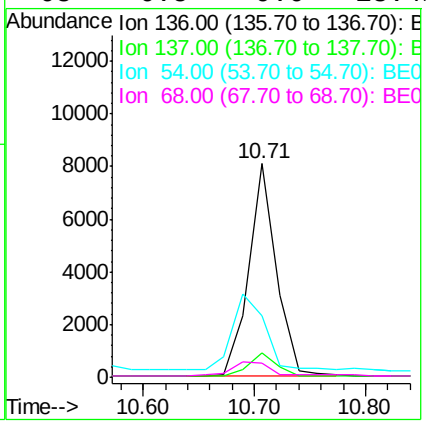


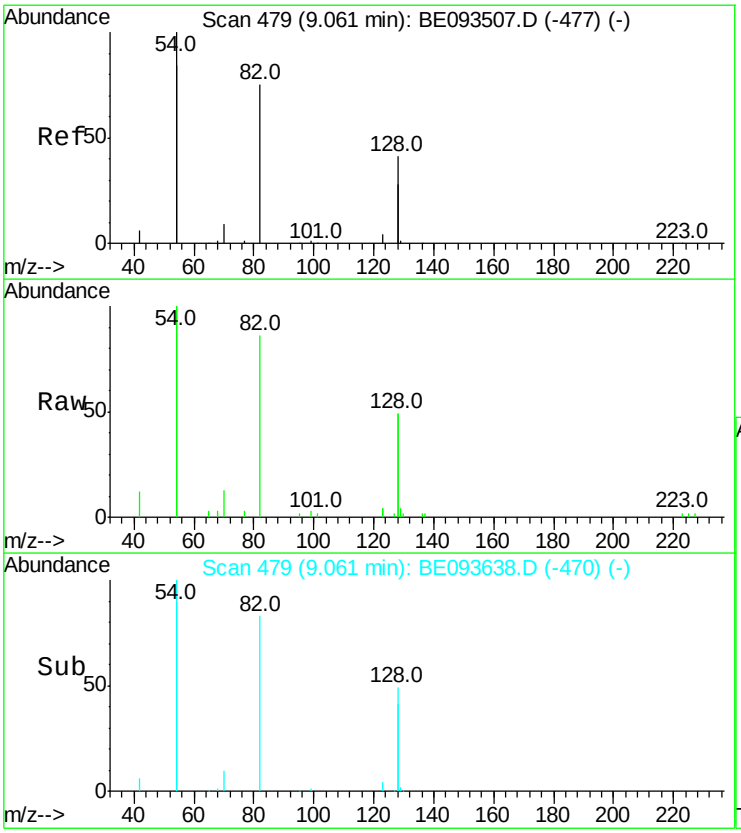
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:136 Resp: 13912

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.8
54	29.0	10.3	15.5#
68	6.5	9.0	13.4#

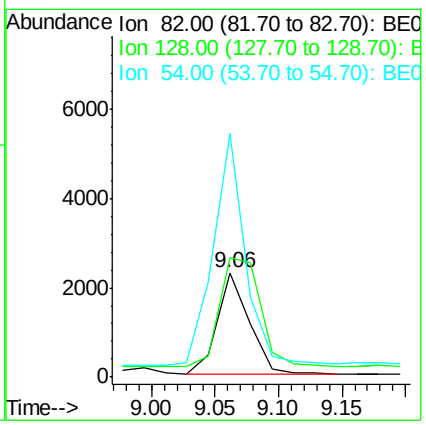


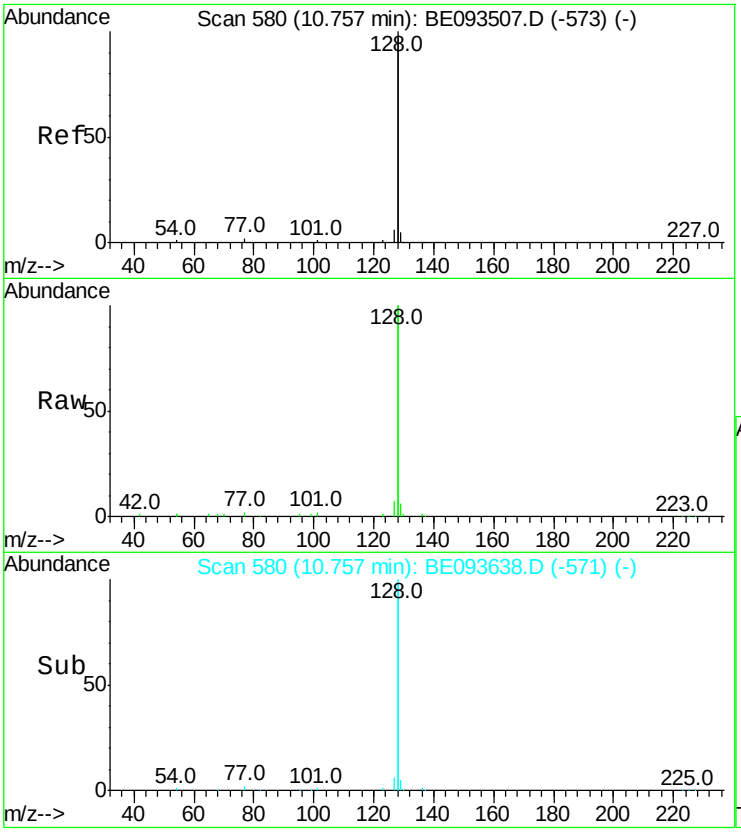


#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion: 82 Resp: 4016

Ion	Ratio	Lower	Upper
82	100		
128	114.5	17.0	25.4#
54	233.1	53.8	80.6#



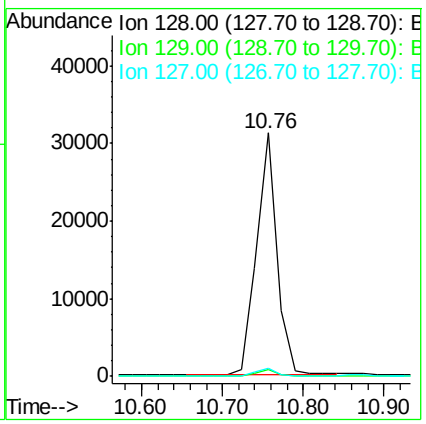


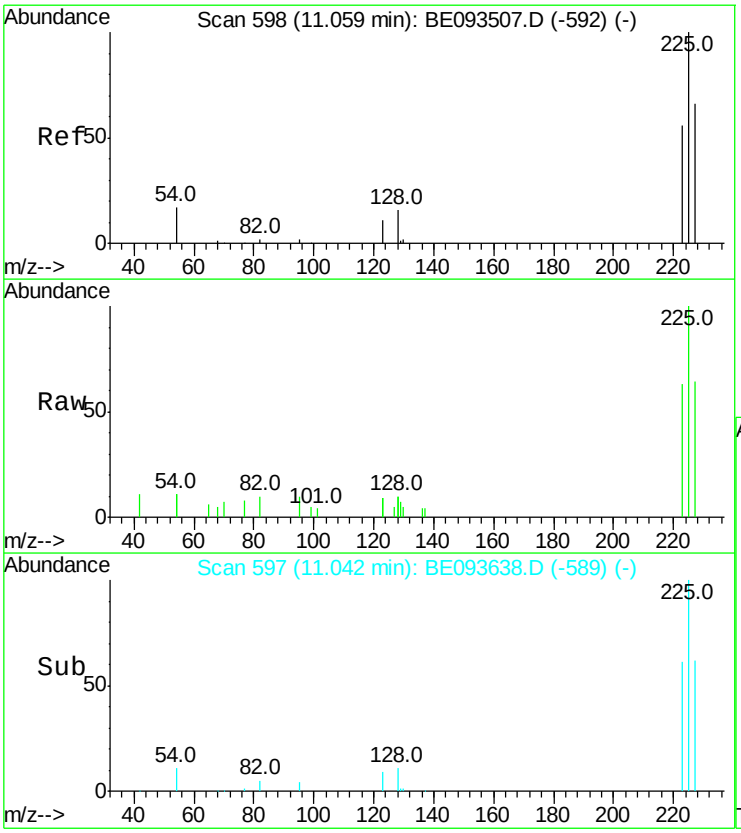
#9
Naphthalene
Concen: 0.340 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:128 Resp: 54769

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.4	2.4	3.6

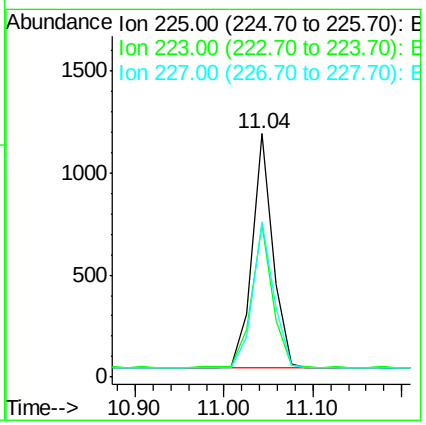


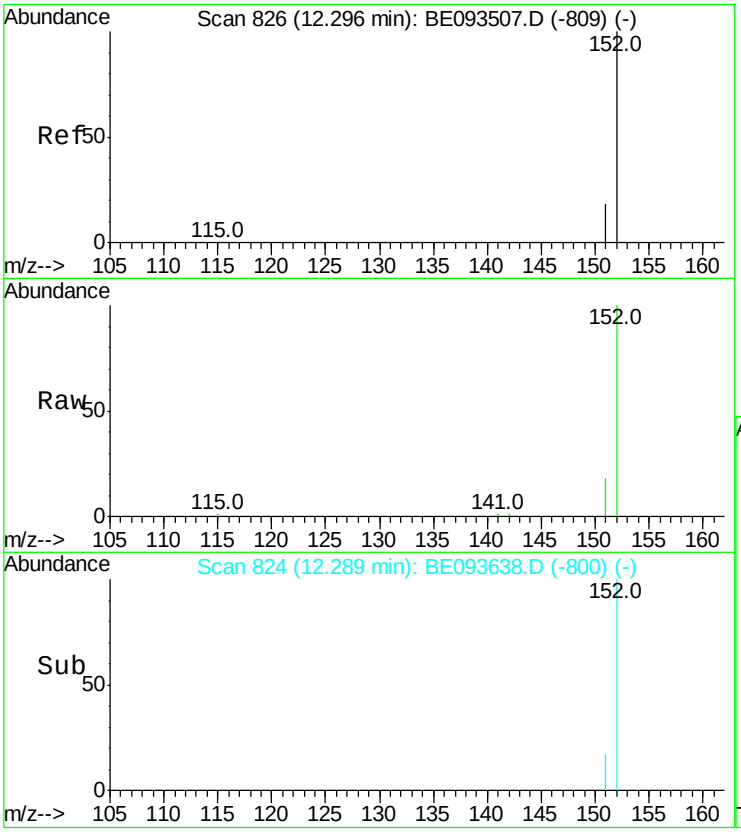


#10
Hexachlorobutadiene
Concen: 0.313 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.02 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:225 Resp: 1870

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	63.3	50.3	75.5



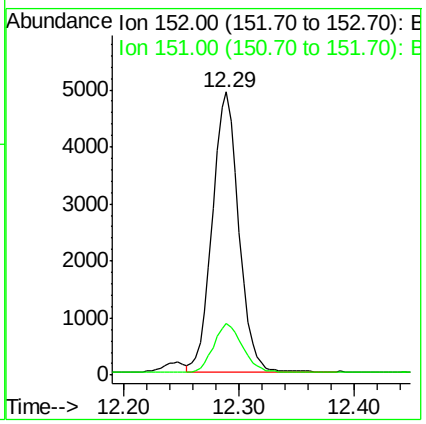


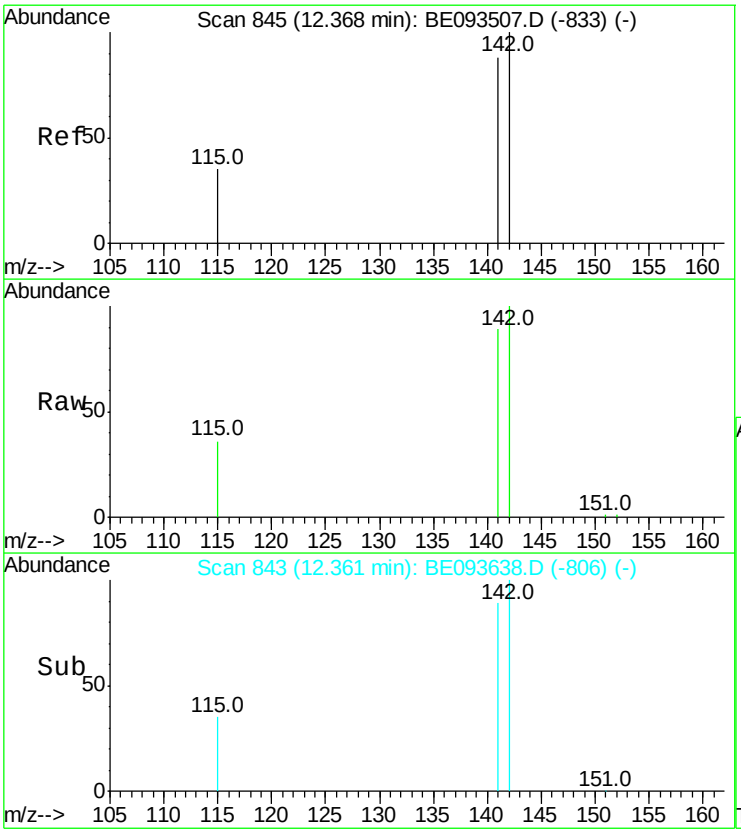
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:152 Resp: 7796

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7

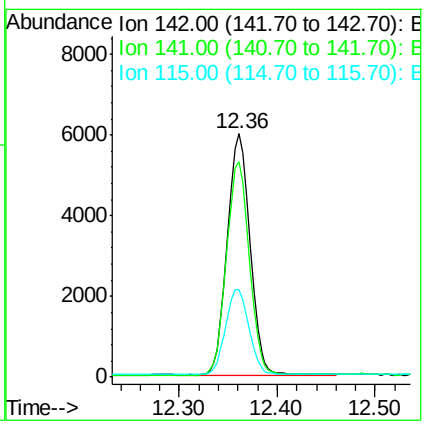


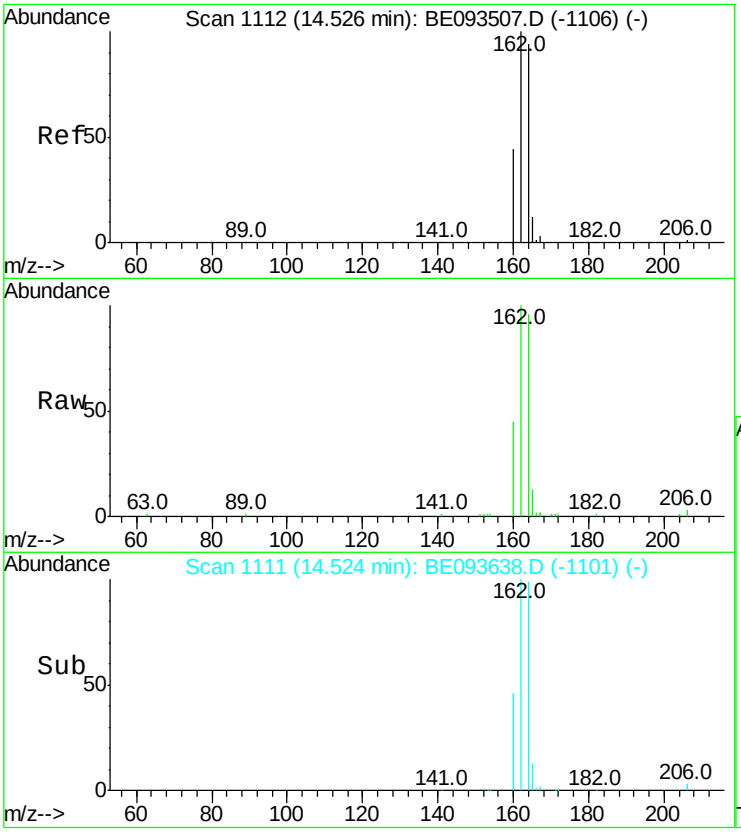


#12
2-Methylnaphthalene
Concen: 0.358 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:142 Resp: 9539

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8
115	35.9	32.2	48.2



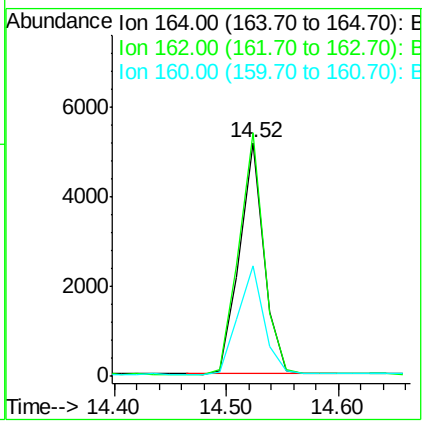


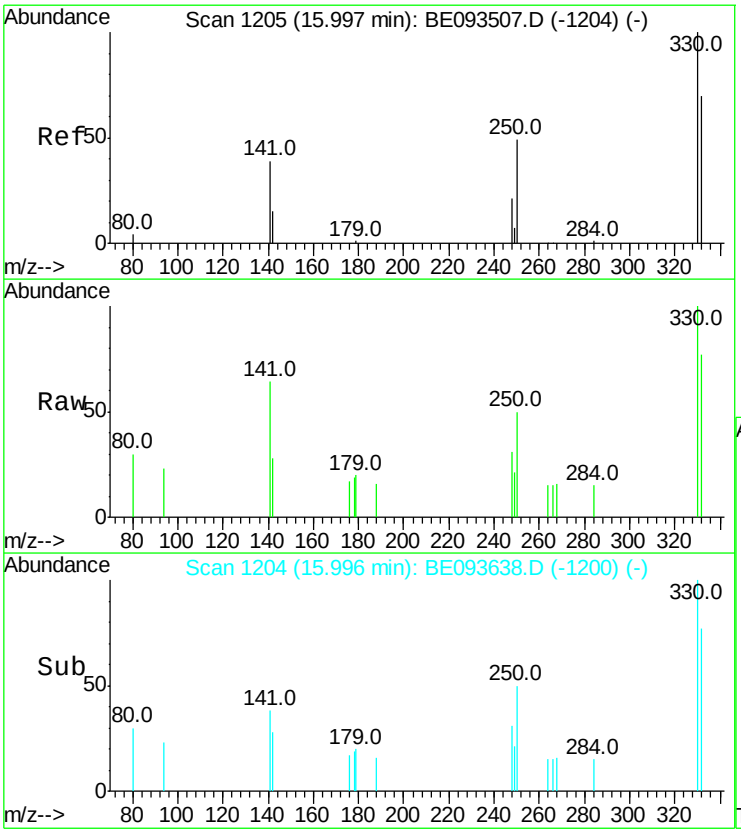
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:164 Resp: 7906

Ion	Ratio	Lower	Upper
164	100		
162	104.1	84.6	127.0
160	47.3	41.8	62.6

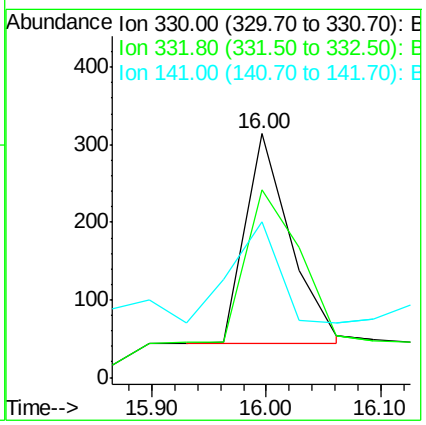


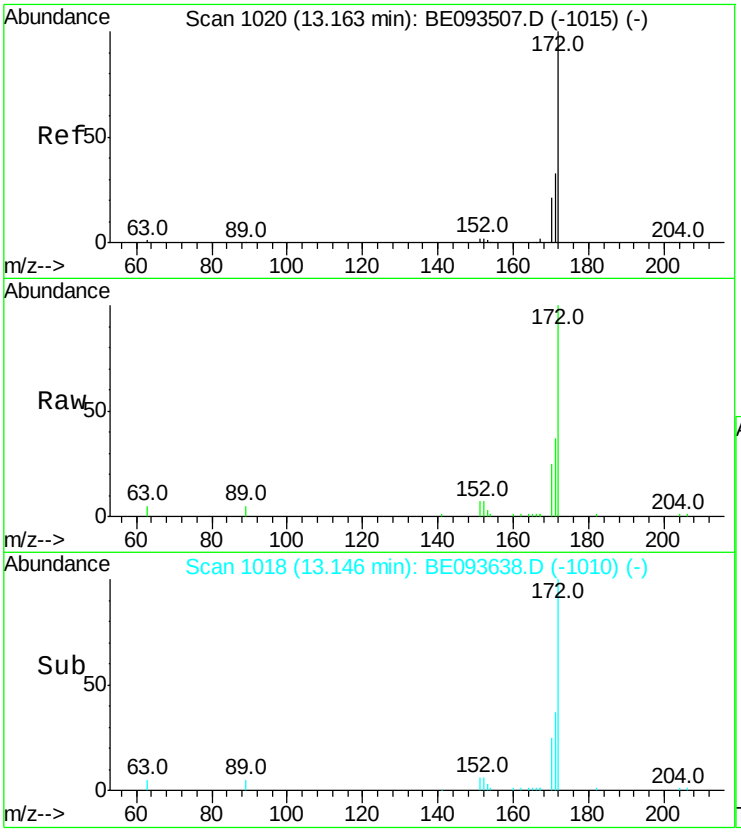


#14
2,4,6-Tribromophenol
Concen: 0.416 ng
RT: 16.00 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:330 Resp: 731

Ion	Ratio	Lower	Upper
330	100		
332	87.7	77.7	116.5
141	50.6	56.2	84.4#



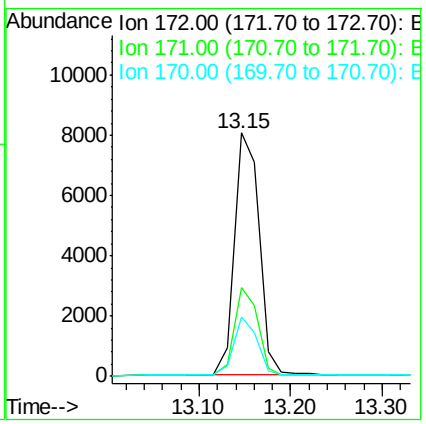


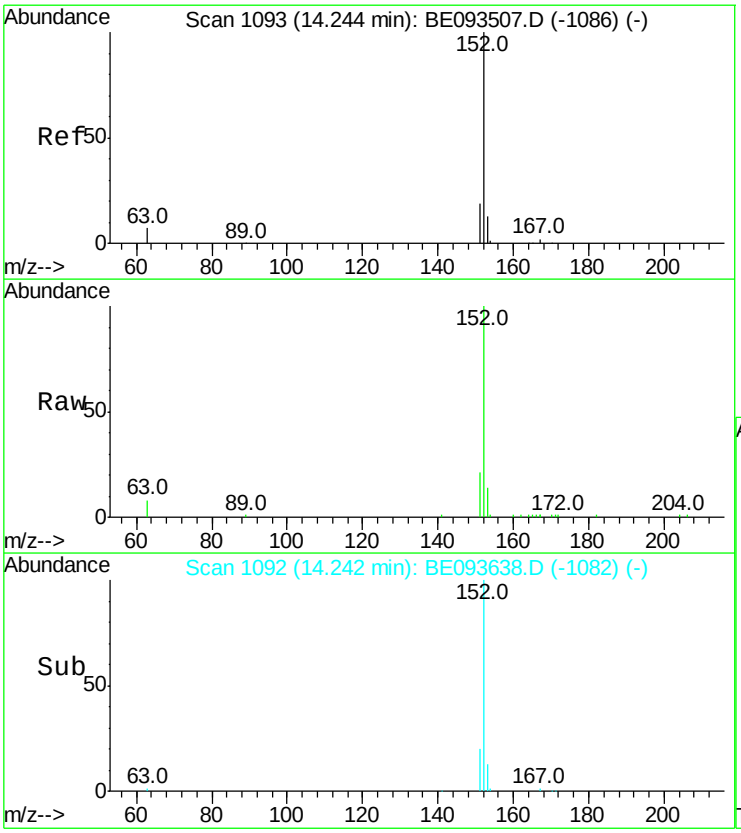
#15
2-Fluorobiphenyl
Concen: 0.476 ng
RT: 13.15 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:172 Resp: 15069

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.6	20.7	31.1

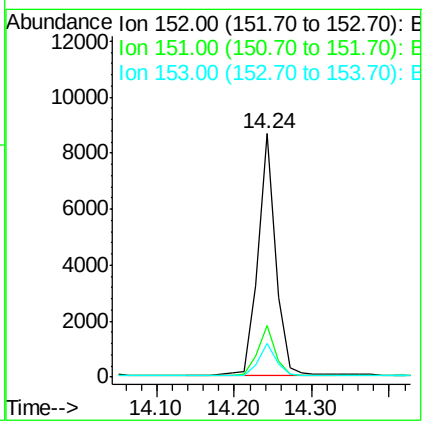


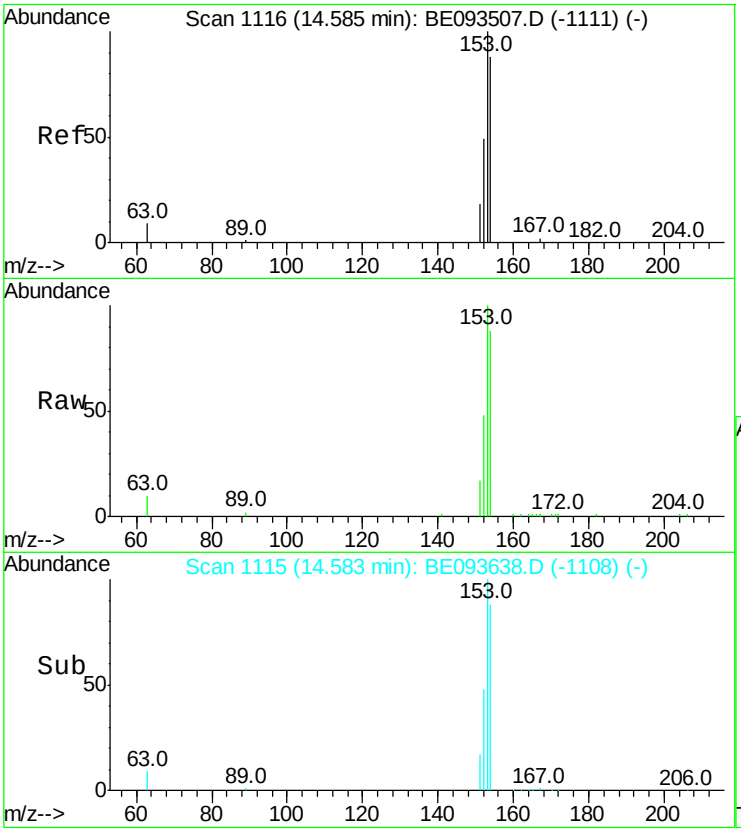


#16
Acenaphthylene
Concen: 0.364 ng
RT: 14.24 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:152 Resp: 13742

Ion	Ratio	Lower	Upper
152	100		
151	20.0	4.0	6.0#
153	13.1	10.3	15.5



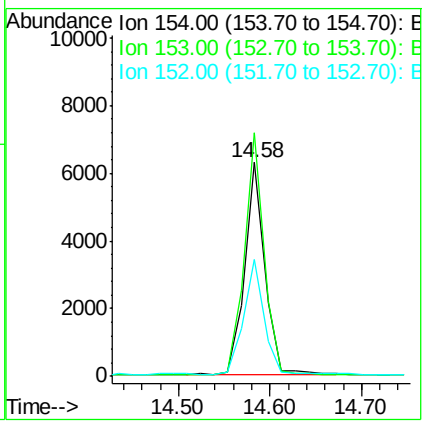


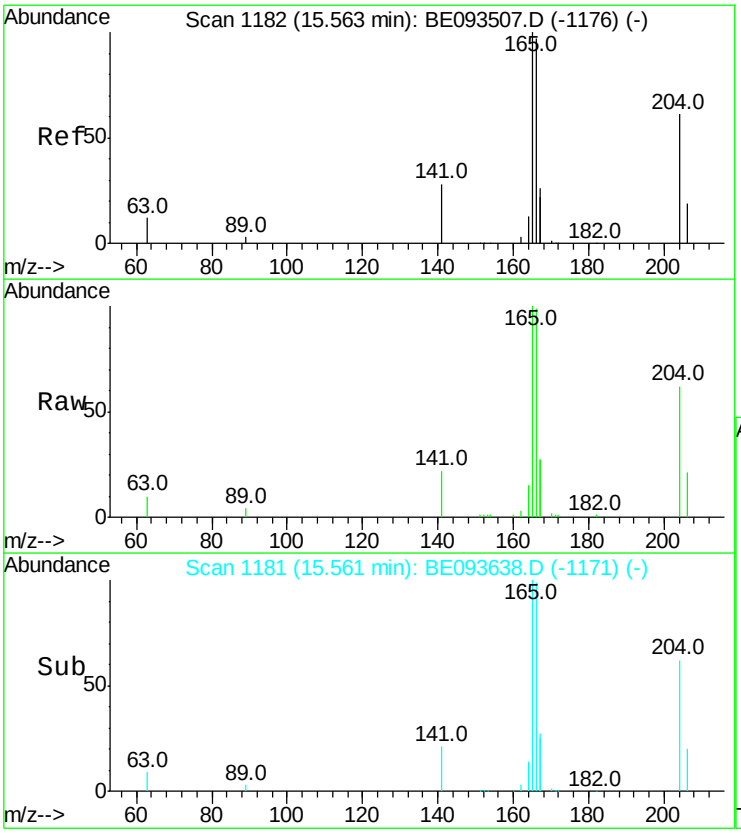
#17
Acenaphthene
Concen: 0.358 ng
RT: 14.58 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:154 Resp: 9543

Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.2	136.8
152	54.9	44.8	67.2

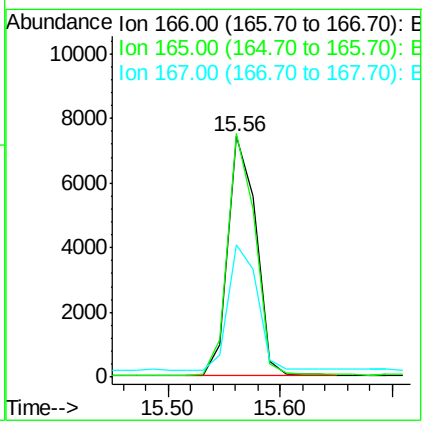


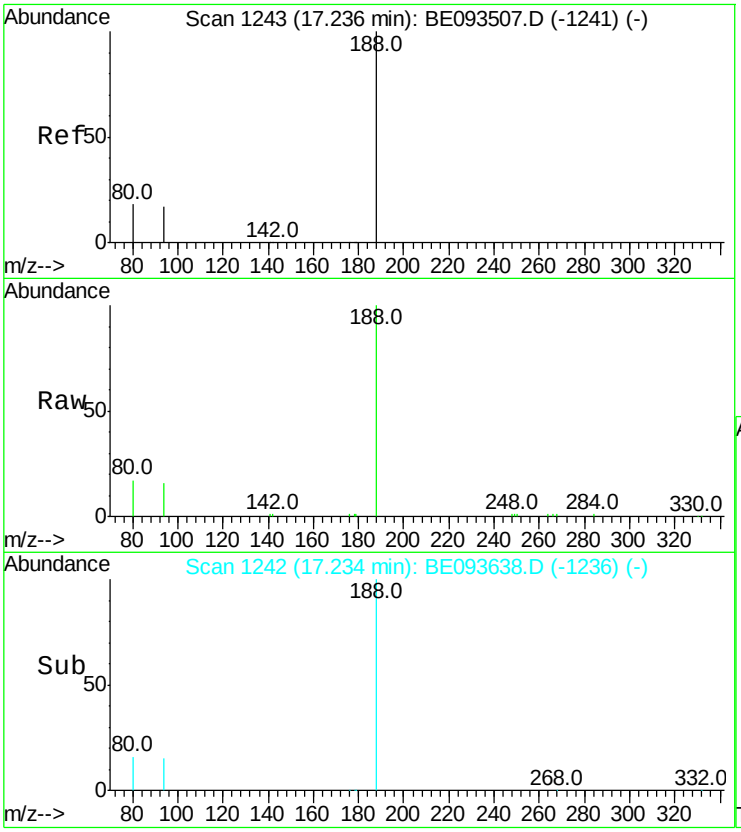


#18
Fluorene
Concen: 0.360 ng
RT: 15.56 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:166 Resp: 12841

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	54.8	11.1	16.7#



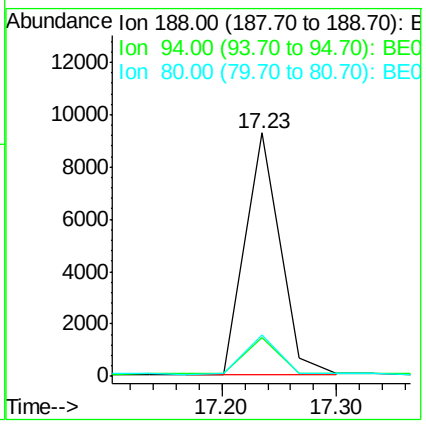


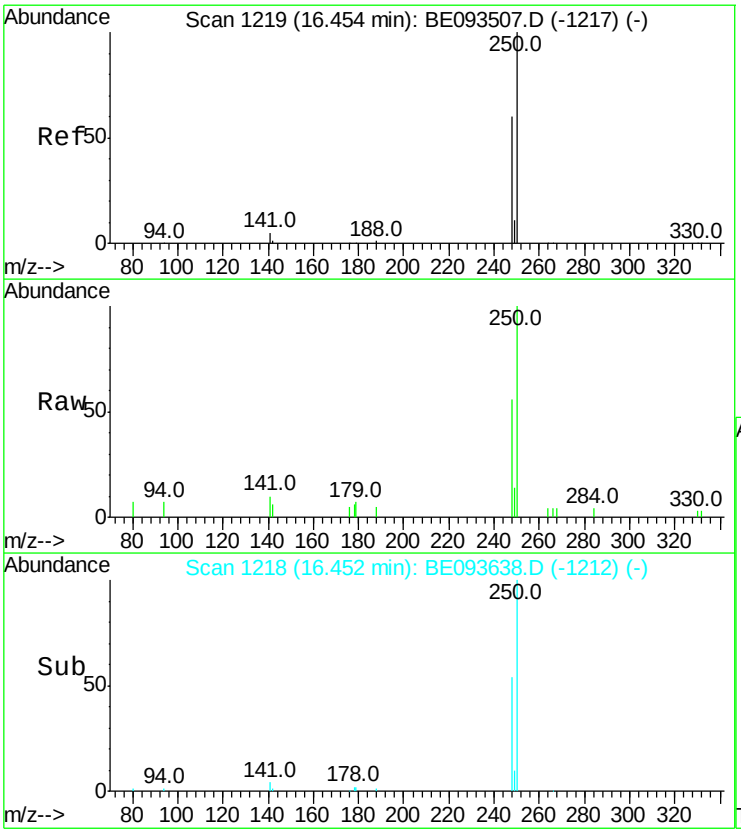
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:188 Resp: 19465

Ion	Ratio	Lower	Upper
188	100		
94	16.0	11.3	16.9
80	17.0	11.7	17.5

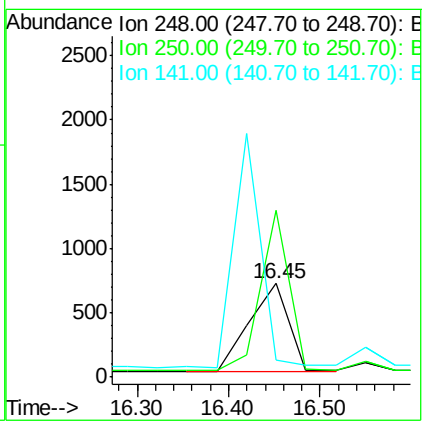


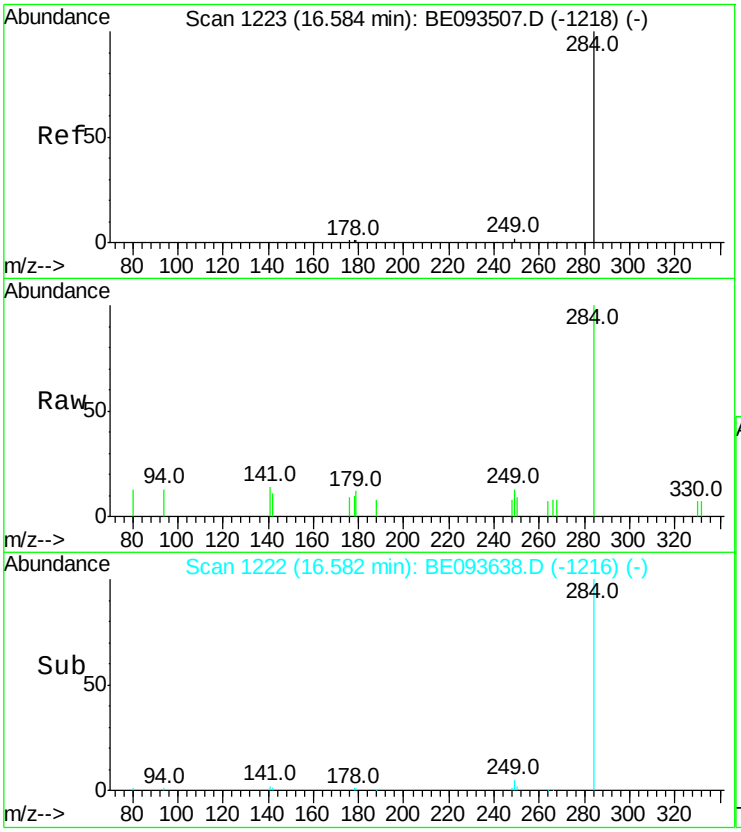


#20
4-Bromophenyl-phenylether
Concen: 0.330 ng
RT: 16.45 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:248 Resp: 2050

Ion	Ratio	Lower	Upper
248	100		
250	178.7	128.0	192.0
141	18.3	12.0	18.0#



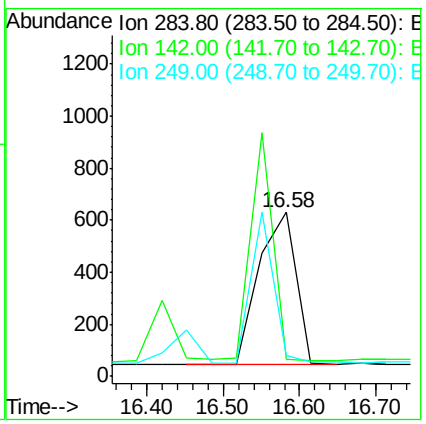


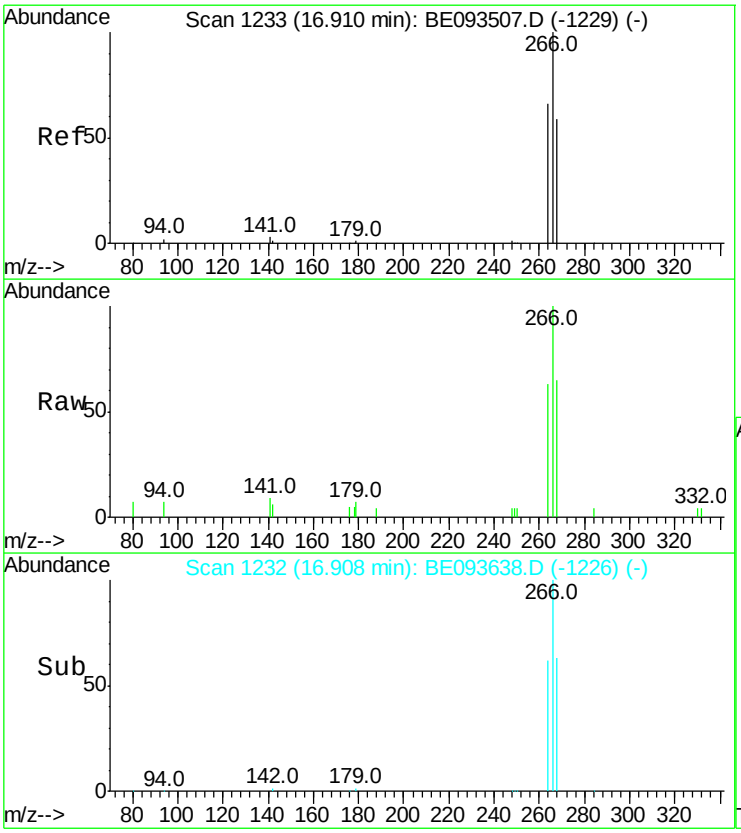
#21
Hexachlorobenzene
Concen: 0.322 ng
RT: 16.58 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:284 Resp: 1993

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

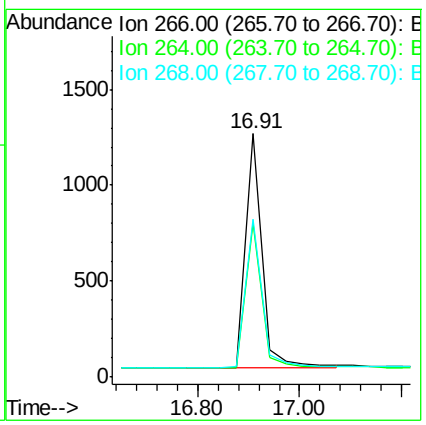


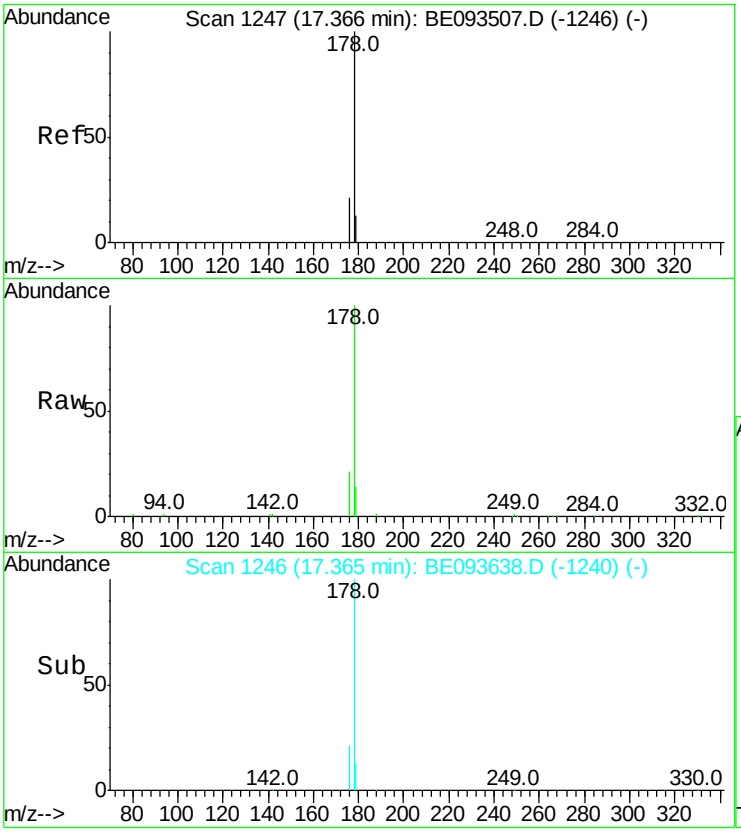


#22
Pentachlorophenol
Concen: 0.875 ng
RT: 16.91 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:266 Resp: 2752

Ion	Ratio	Lower	Upper
266	100		
264	63.3	56.0	84.0
268	64.6	52.0	78.0



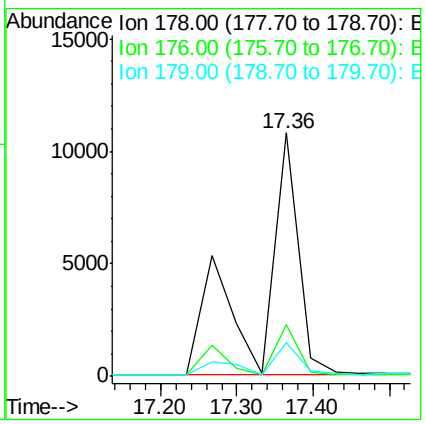


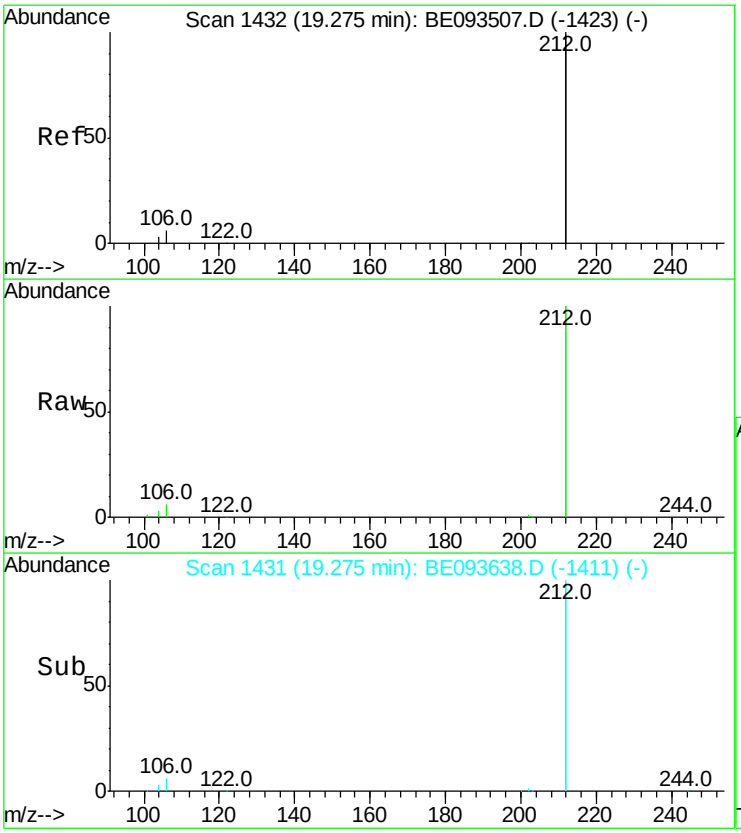
#24
Anthracene
Concen: 0.643 ng
RT: 17.36 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:178 Resp: 37664

Ion	Ratio	Lower	Upper
178	100		
176	12.1	14.6	22.0#
179	13.6	12.0	18.0

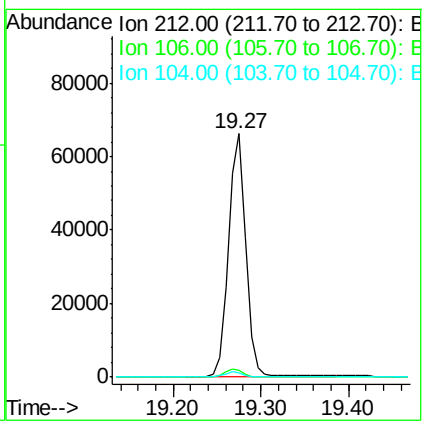


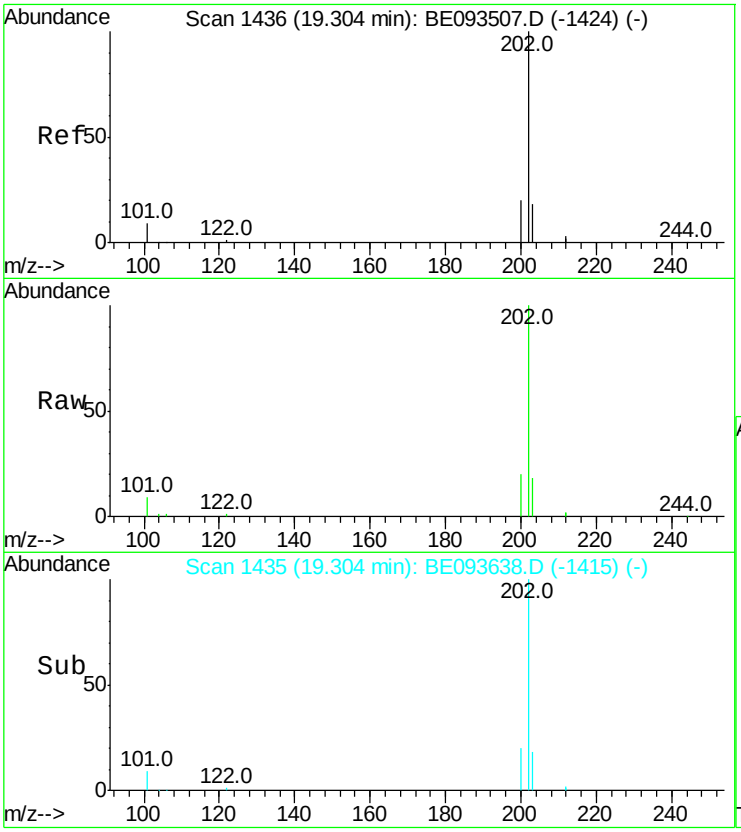


#25
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:212 Resp: 90958

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	2.0	1.6	2.4



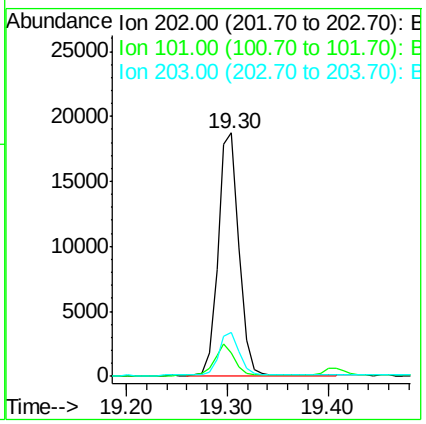


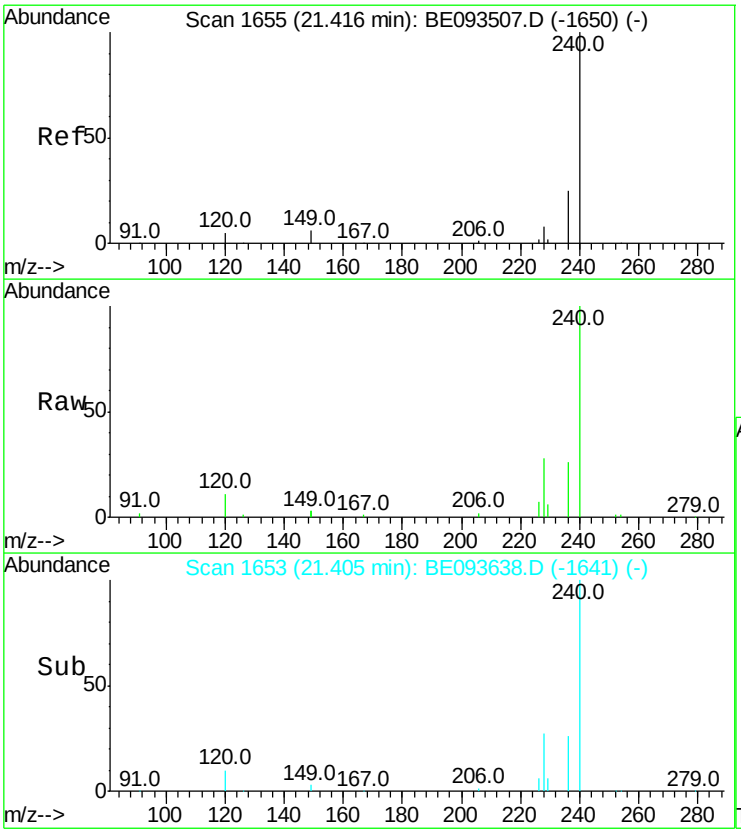
#26
Fluoranthene
Concen: 0.392 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:202 Resp: 26689

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	17.1	14.4	21.6

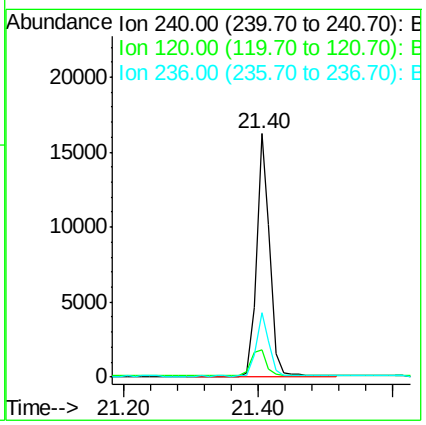


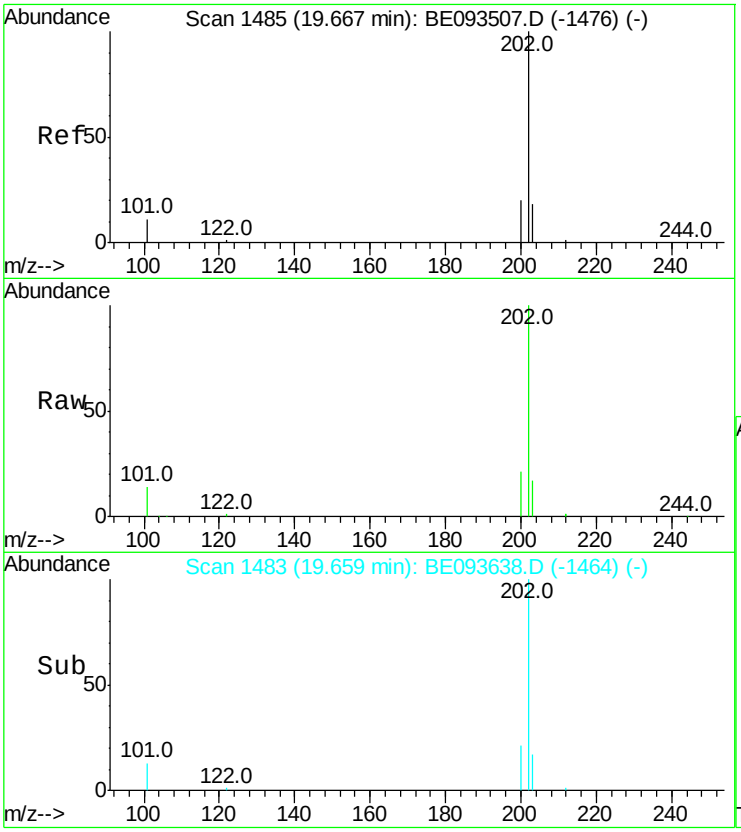


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:240 Resp: 22310

Ion	Ratio	Lower	Upper
240	100		
120	11.1	4.6	7.0#
236	26.3	20.8	31.2



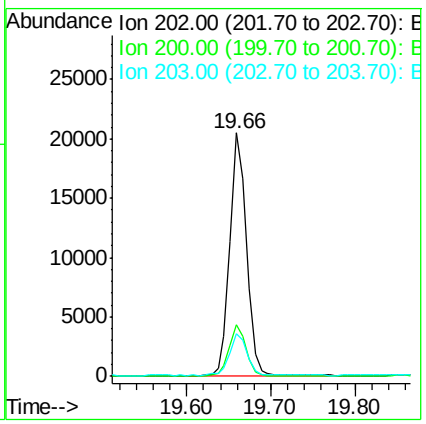


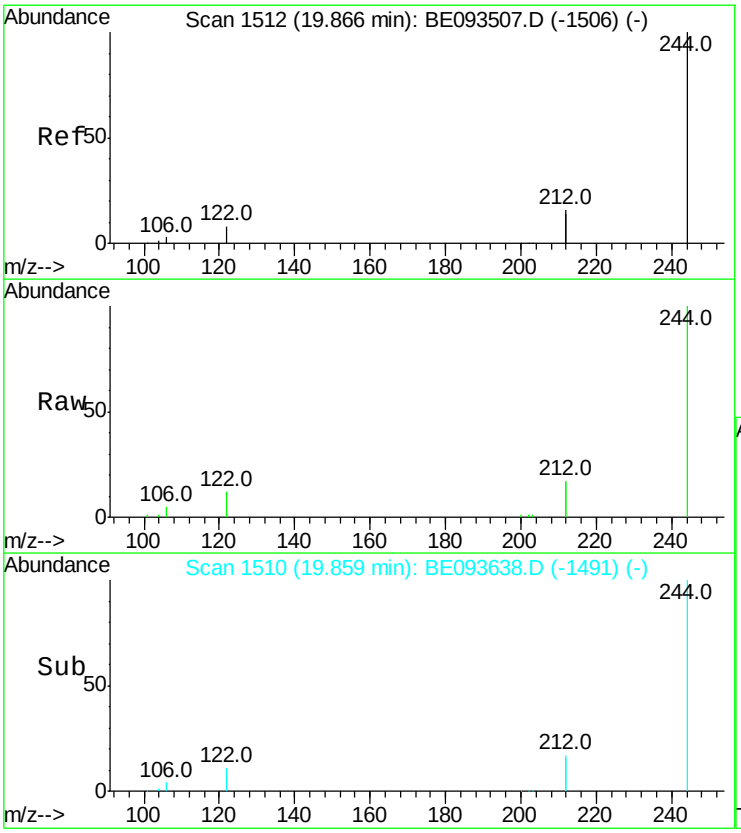
#28
Pyrene
Concen: 0.383 ng
RT: 19.66 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:202 Resp: 27638

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	17.9	13.7	20.5

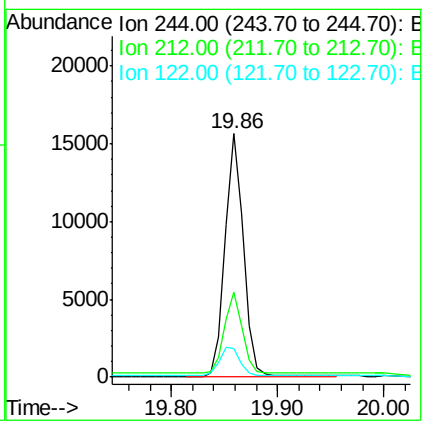


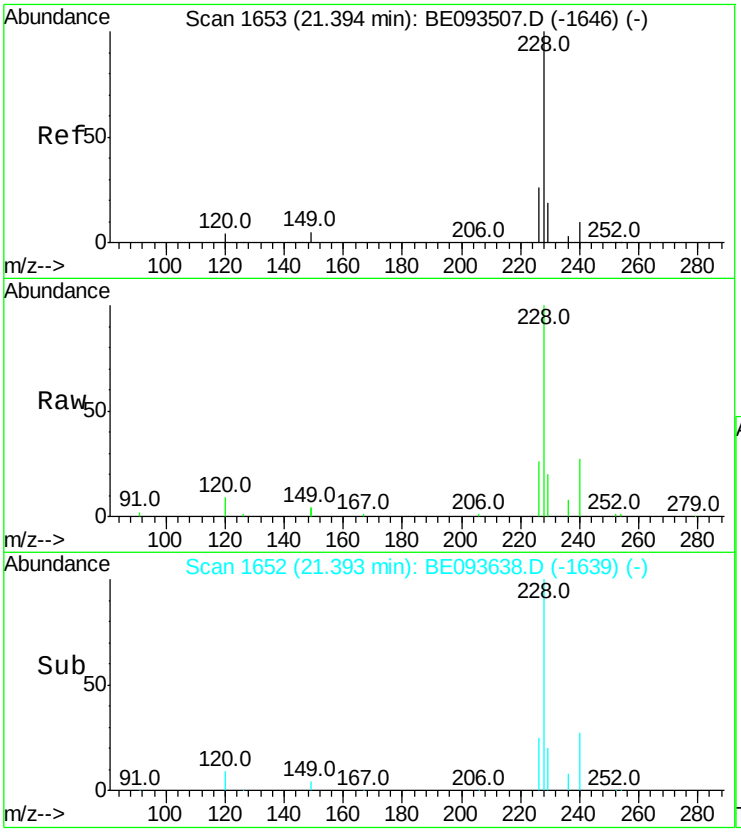


#29
Terphenyl-d14
Concen: 0.476 ng
RT: 19.86 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:244 Resp: 19082

Ion	Ratio	Lower	Upper
244	100		
212	34.8	10.6	16.0#
122	11.8	15.4	23.0#



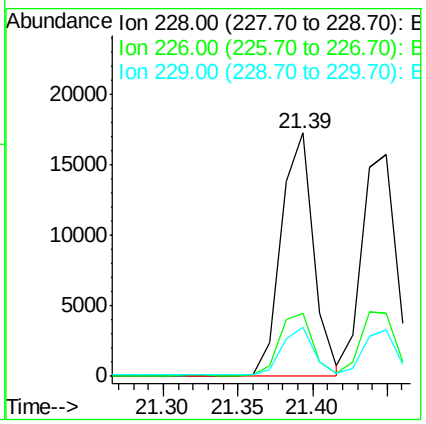


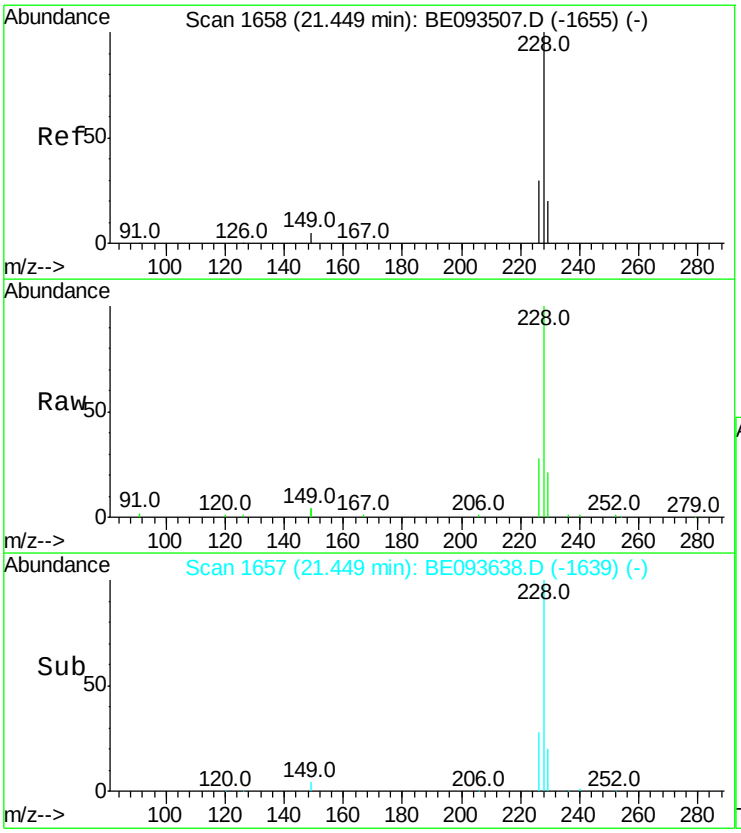
#30
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.39 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:228 Resp: 25596

Ion	Ratio	Lower	Upper
228	100		
226	25.7	19.7	29.5
229	20.3	19.2	28.8

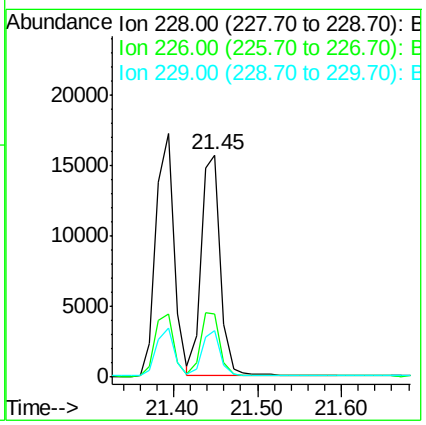


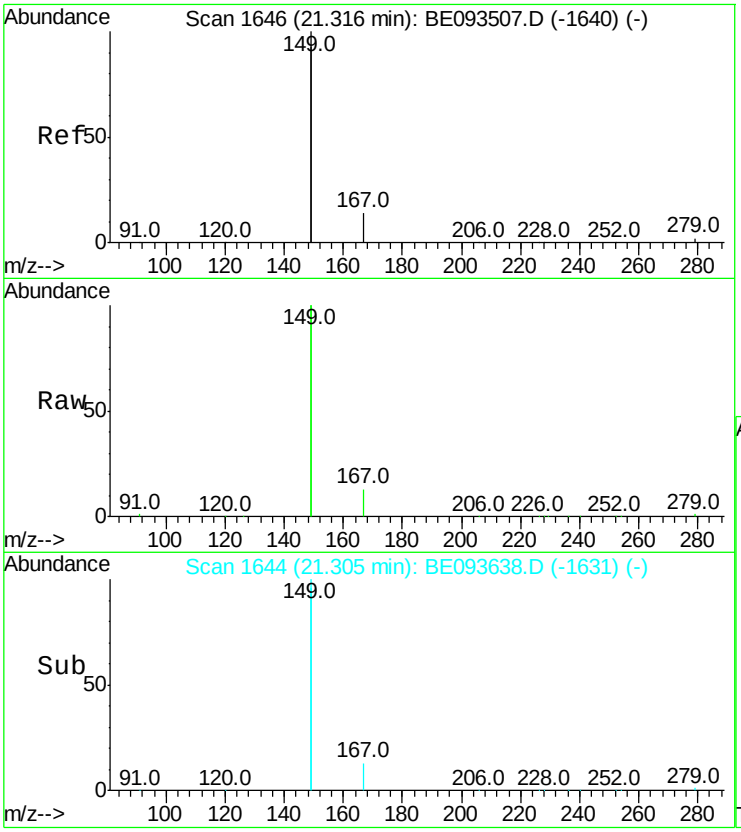


#31
Chrysene
Concen: 0.347 ng
RT: 21.45 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:228 Resp: 25399

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.5	32.3
229	20.6	18.6	28.0



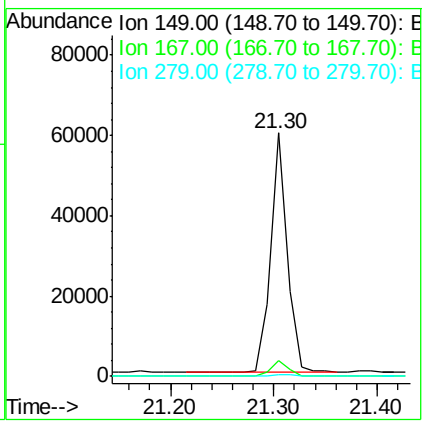


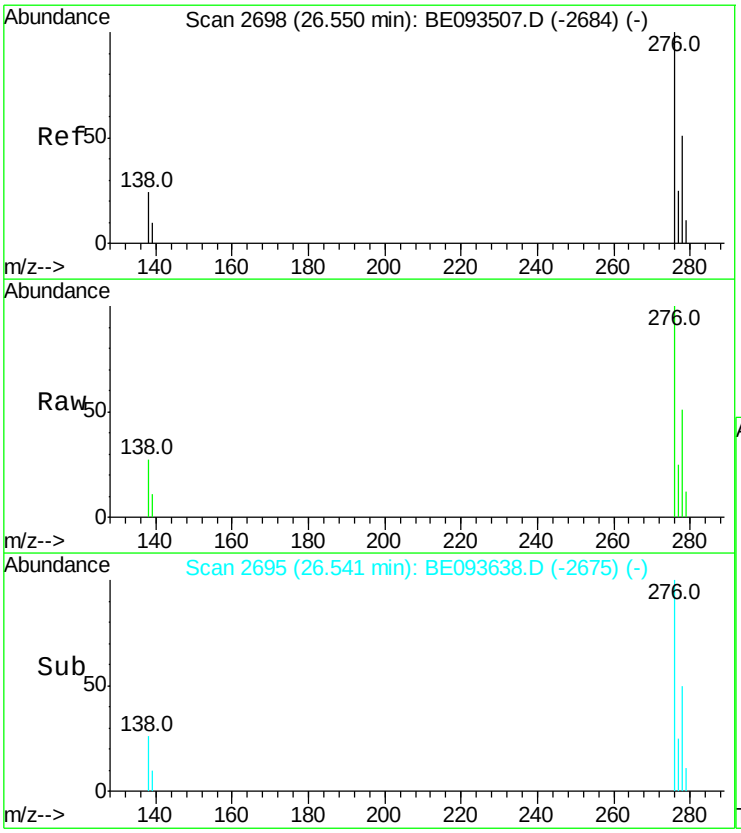
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.741 ng
RT: 21.30 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:149 Resp: 66243

Ion	Ratio	Lower	Upper
149	100		
167	6.7	4.8	7.2
279	0.9	0.8	1.2

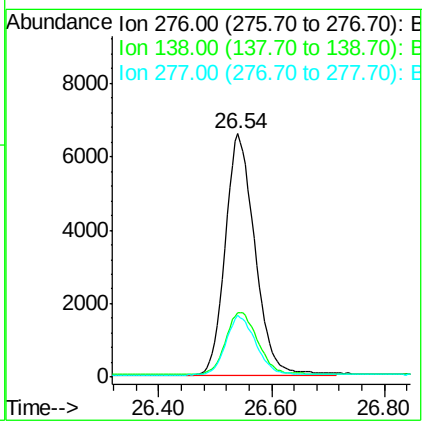


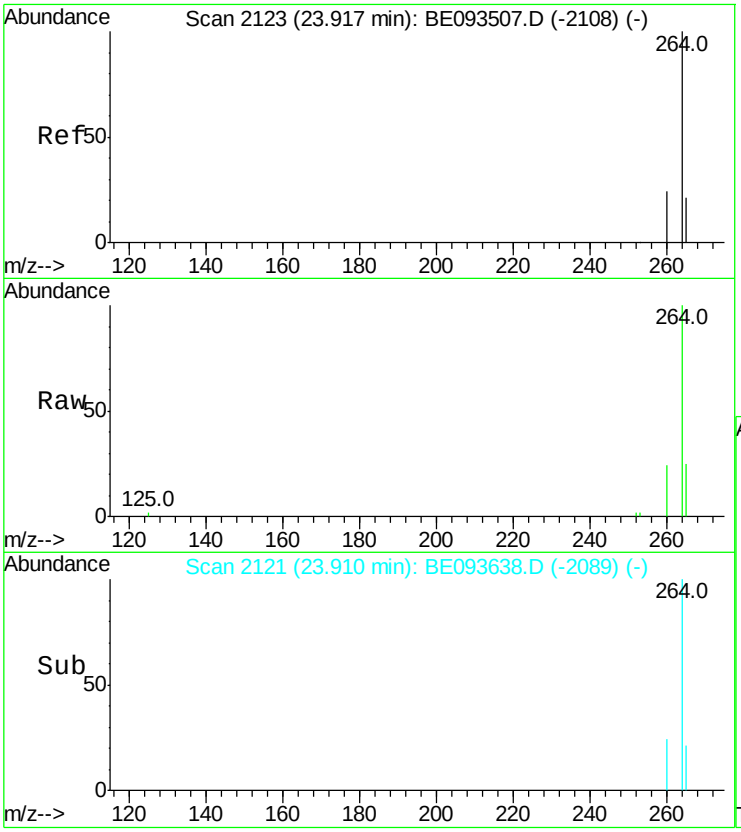


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng
RT: 26.54 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:276 Resp: 23475

Ion	Ratio	Lower	Upper
276	100		
138	28.0	27.4	41.2
277	24.9	20.1	30.1



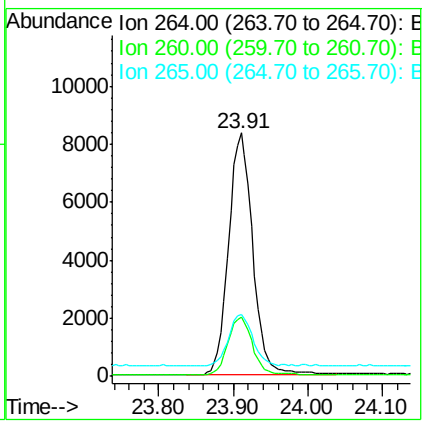


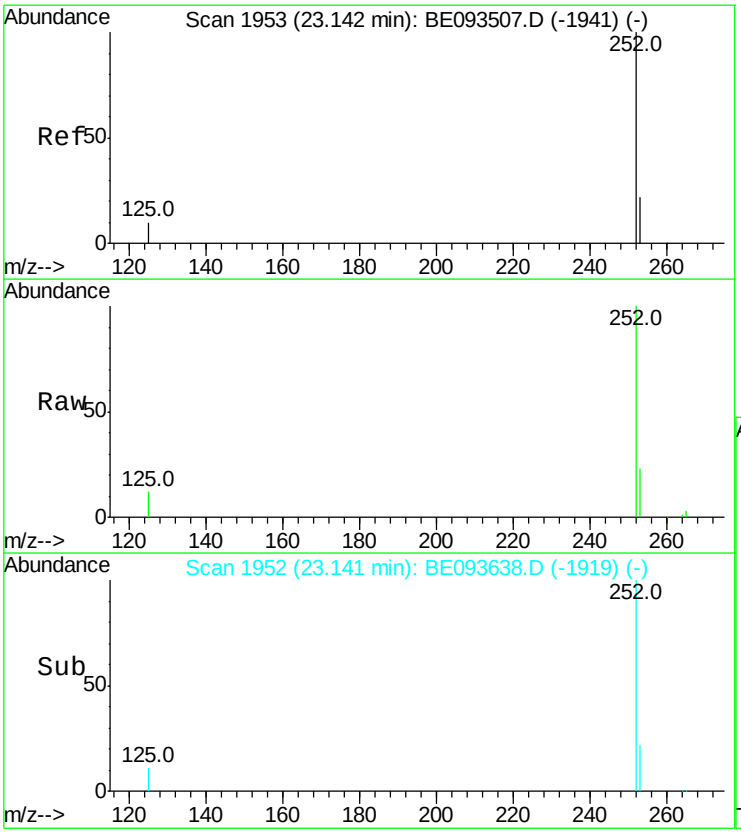
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:264 Resp: 18654

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.0	31.4
265	25.2	24.6	36.8

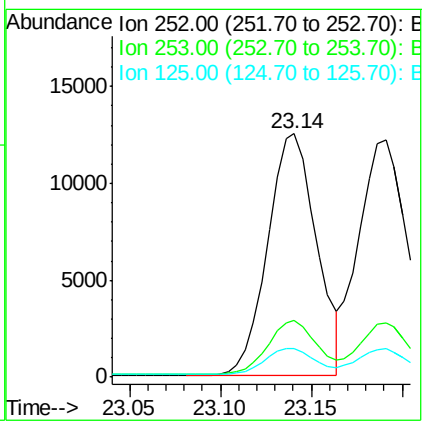


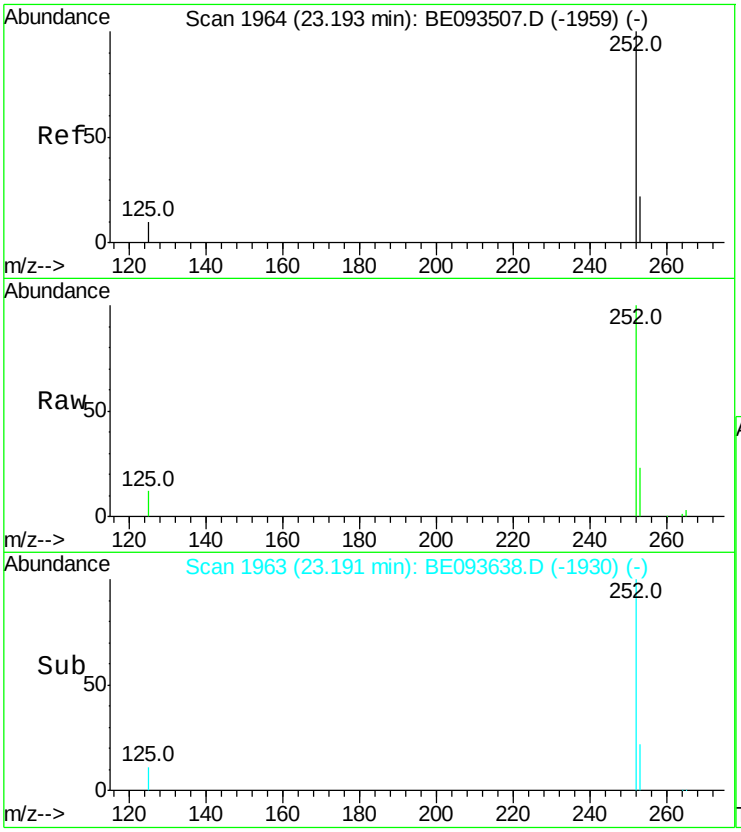


#35
Benzo(b)fluoranthene
Concen: 0.350 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:252 Resp: 23317

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.7	13.4	20.0#



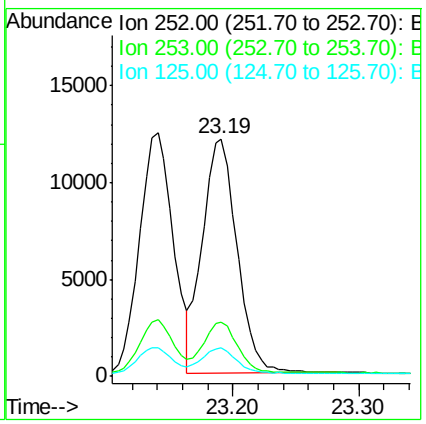


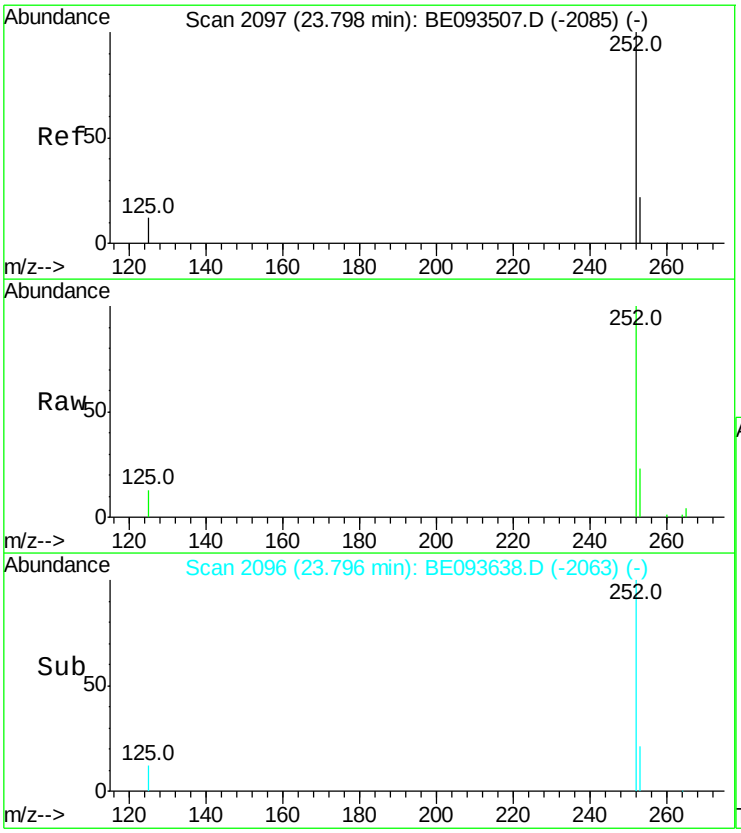
#36
Benzo(k)fluoranthene
Concen: 0.340 ng
RT: 23.19 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:252 Resp: 23134

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.3	30.5
125	11.8	12.2	18.4#

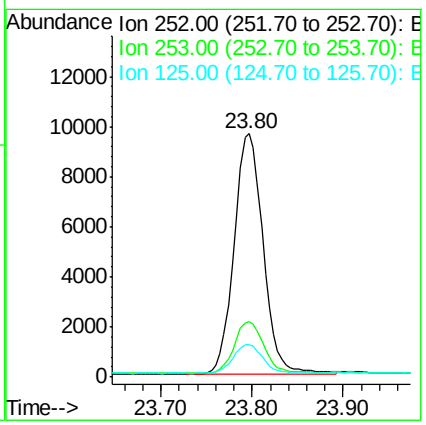


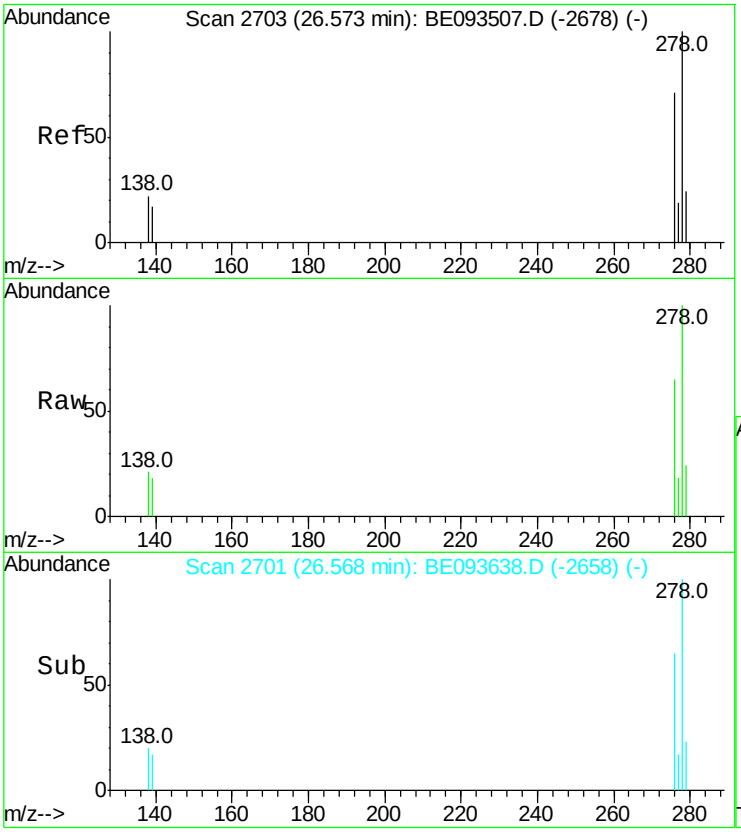


#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.80 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:252 Resp: 21394

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.9	29.9
125	13.4	14.6	21.8#



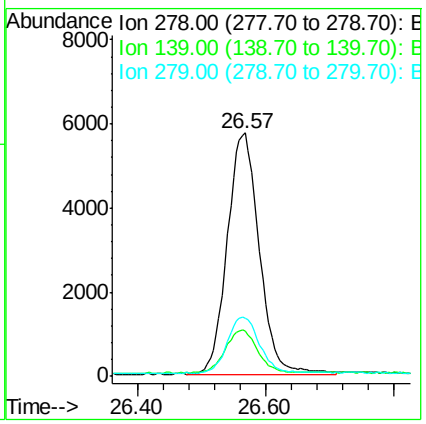


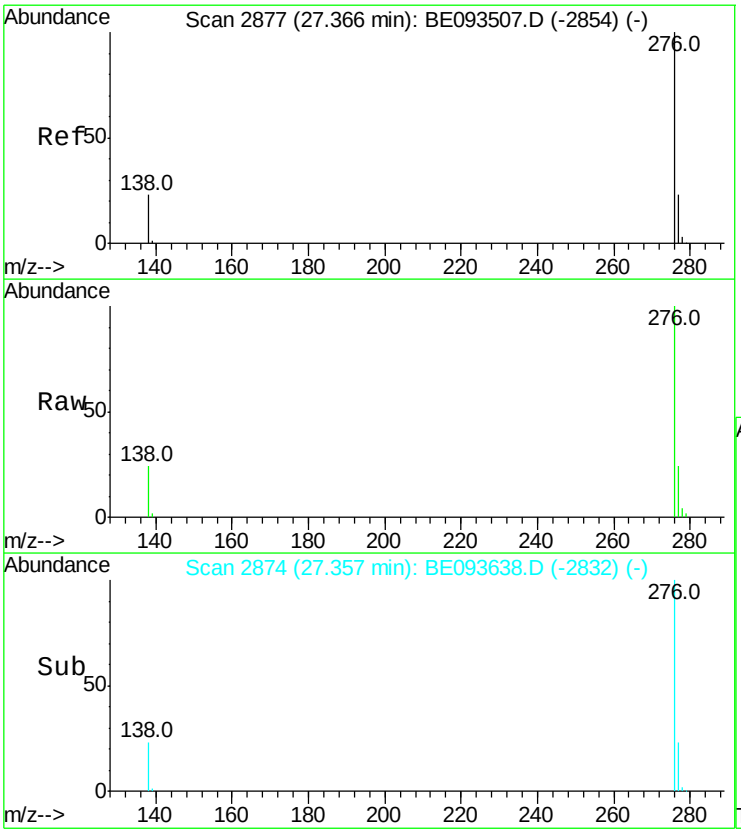
#38
Dibenzo(a,h)anthracene
Concen: 0.340 ng
RT: 26.57 min Scan# 2701
Delta R.T. -0.00 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MSD

Tgt Ion:278 Resp: 19811

Ion	Ratio	Lower	Upper
278	100		
139	18.4	21.4	32.0#
279	23.9	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.338 ng
RT: 27.36 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BE093638.D
Acq: 2 Aug 2017 22:24

Tgt Ion:276 Resp: 19967

Ion	Ratio	Lower	Upper
276	100		
277	24.1	21.2	31.8
138	23.6	24.5	36.7#