Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082617\
Data File : BE093886.D
Acq On : 26 Aug 2017 12:12
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Aug 28 02:07:25 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	1968	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	10225	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	5787	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	15011	0.40	ng		0.00
27) Chrysene-d12	21.41	240	13431	0.40	ng		0.00
34) Perylene-d12	23.92	264	10926	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	20017	3.17	ng		0.00
5) Phenol-d6	7.09	99	31308	3.25	ng		0.00
8) Nitrobenzene-d5	9.06	82	29003	3.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	52431	3.20	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	5811	3.73	ng		-0.03
15) 2-Fluorobiphenyl	13.15	172	70942	3.12	ng		-0.01
25) Fluoranthene-d10	19.28	212	469016	2.74	ng		0.00
29) Terphenyl-d14	19.86	244	78623	3.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	7683	2.630	ng		92
3) n-Nitrosodimethylamine	3.74	42	10838	3.590	ng	#	97
6) bis(2-Chloroethyl)ether	7.33	93	23969	3.213	ng		100
9) Naphthalene	10.76	128	366738	3.133	ng		99
10) Hexachlorobutadiene	11.04	225	12950	3.014	ng		99
12) 2-Methylnaphthalene	12.36	142	62631	3.185	ng		100
16) Acenaphthylene	14.24	152	98320	3.406	ng		100
17) Acenaphthene	14.58	154	62774	3.232	ng		97
18) Fluorene	15.56	166	80133	3.188	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	14554	3.170	ng	#	1
21) Hexachlorobenzene	16.55	284	13108	2.796	ng	#	100
22) Pentachlorophenol	16.91	266	9546	3.240	ng		89
23) Phenanthrene	17.27	178	99929	3.039	ng	#	63
24) Anthracene	17.37	178	151533	3.244	ng	#	99
26) Fluoranthene	19.30	202	141513	2.705	ng		99
28) Pyrene	19.66	202	145909	3.320	ng		99
30) Benzo(a)anthracene	21.39	228	132312	3.158	ng		98
31) Chrysene	21.45	228	139092	3.201	ng		97
32) Bis(2-ethylhexyl)phthalate	21.30	149	279723	3.156	ng		100
33) Indeno(1,2,3-cd)pyrene	26.56	276	97436	2.462	ng		99
35) Benzo(b)fluoranthene	23.15	252	116670	3.168	ng		96
36) Benzo(k)fluoranthene	23.20	252	129294	3.340	ng		98
37) Benzo(a)pyrene	23.80	252	112389	3.193	ng		94
38) Dibenzo(a,h)anthracene	26.59	278	83873	2.637	ng		94
39) Benzo(g,h,i)perylene	27.38	276	85799	2.665	ng		95

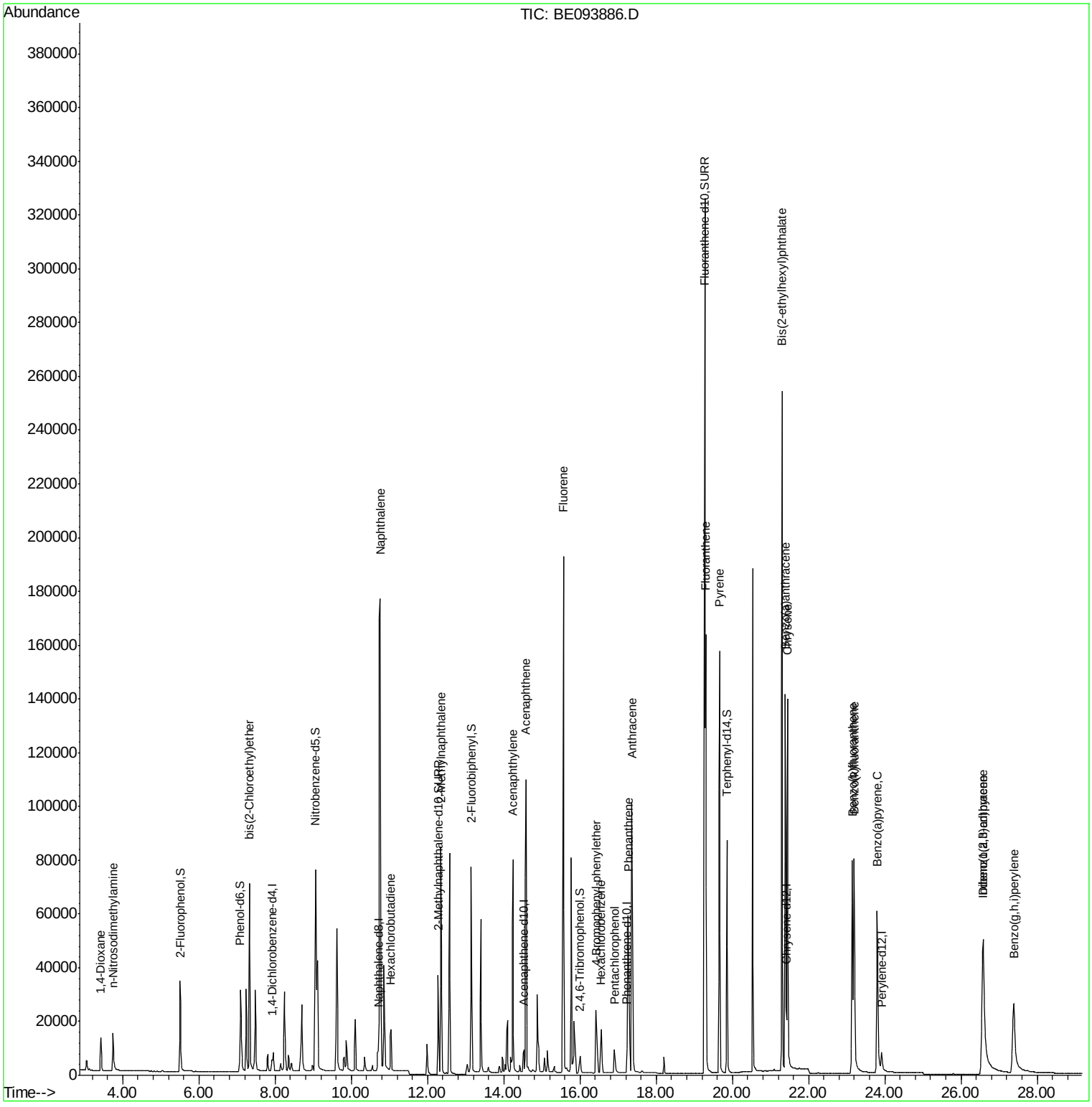
(#) = qualifier out of range (m) = manual integration (+) = signals summed

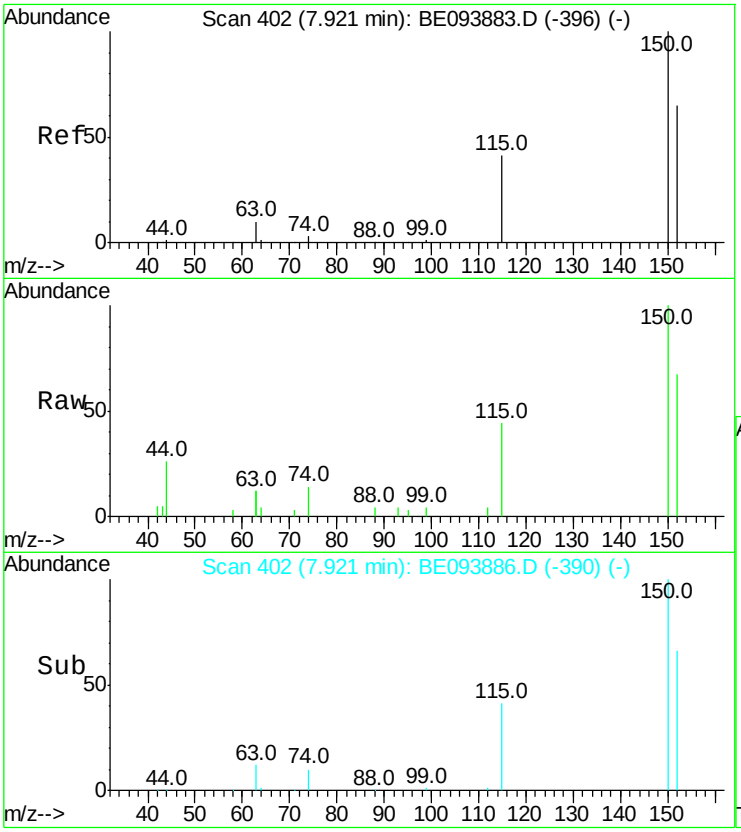
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082617\
Data File : BE093886.D
Acq On : 26 Aug 2017 12:12
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 28 02:07:25 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



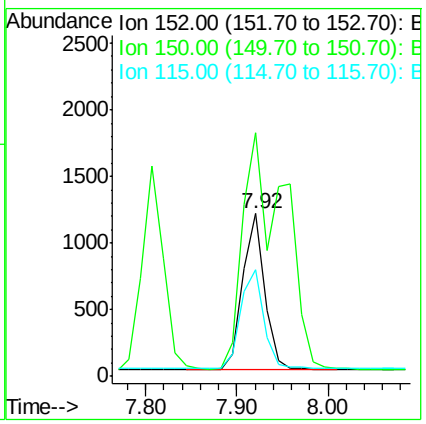


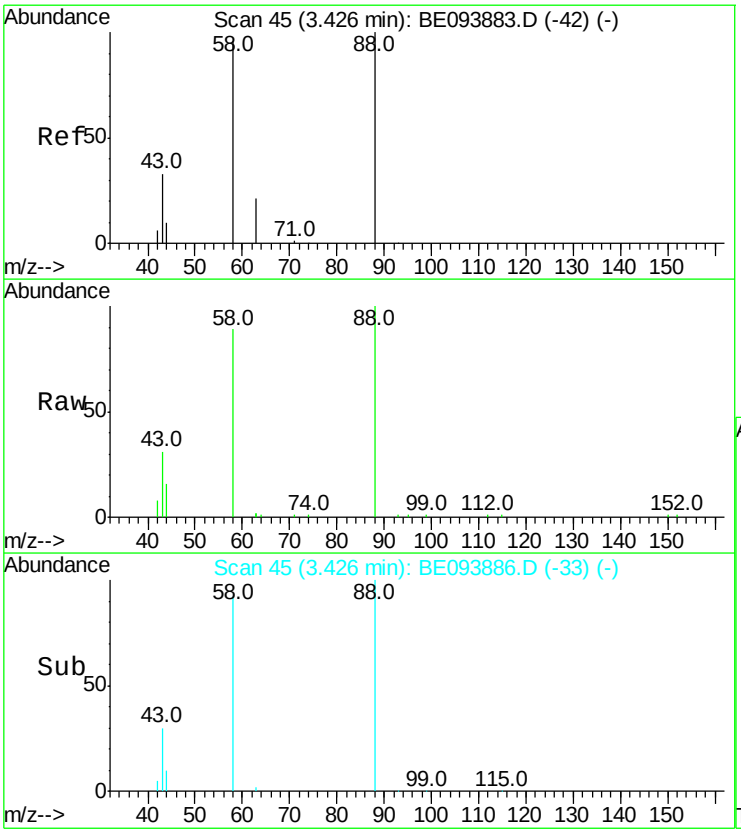
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1968

Ion	Ratio	Lower	Upper
152	100		
150	149.8	121.8	182.6
115	65.2	52.6	79.0

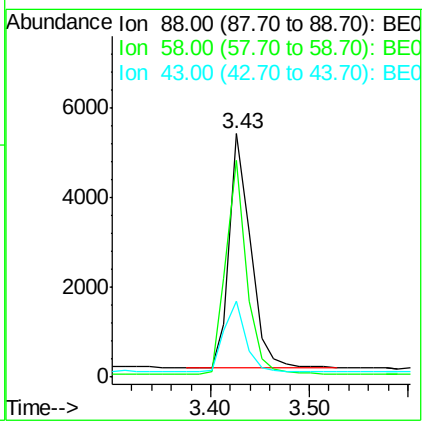


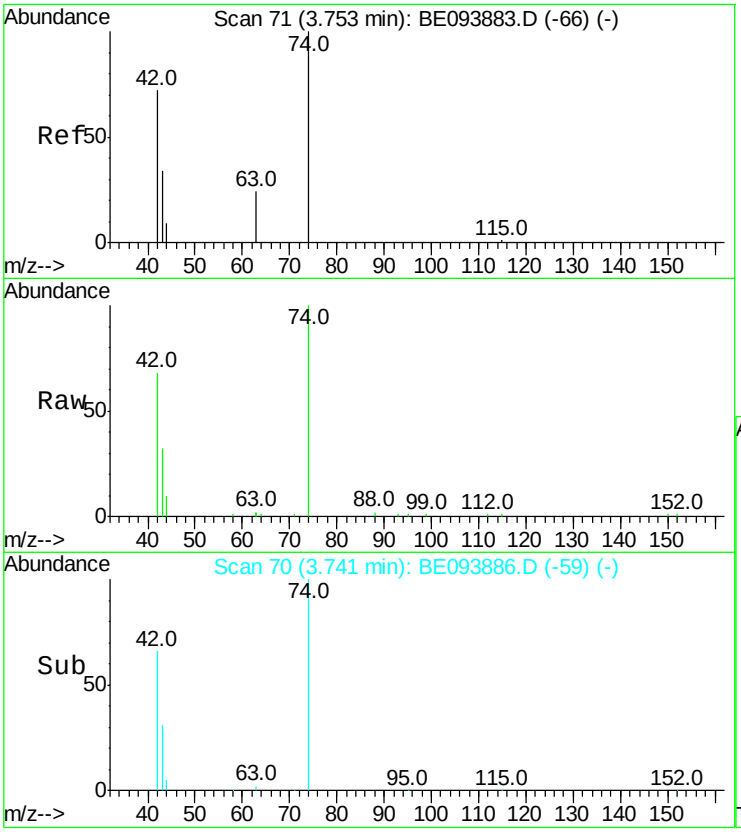


#2
1,4-Dioxane
Concen: 2.630 ng
RT: 3.43 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion: 88 Resp: 7683

Ion	Ratio	Lower	Upper
88	100		
58	91.2	65.4	98.0
43	31.3	23.9	35.9



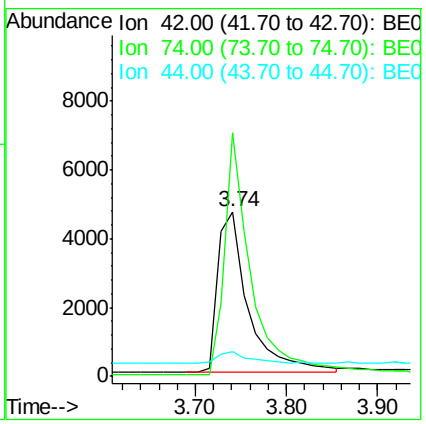


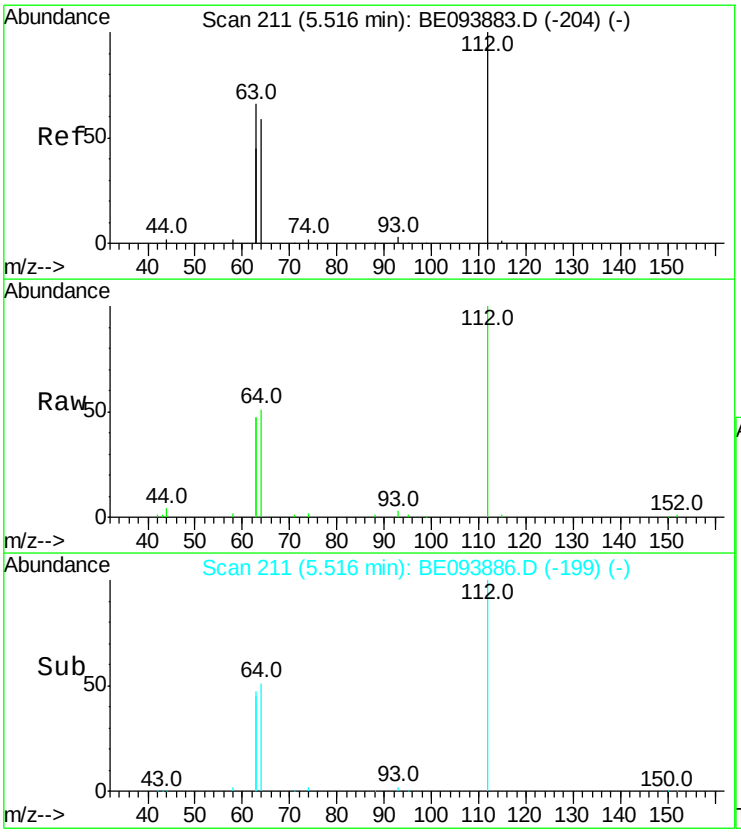
#3
n-Nitrosodimethylamine
Concen: 3.590 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 10838

Ion	Ratio	Lower	Upper
42	100		
74	130.1	104.0	156.0
44	7.3	13.8	20.8#

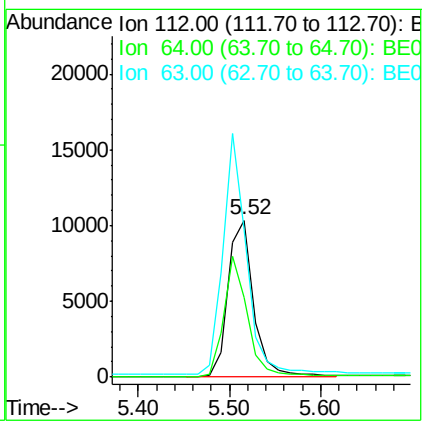


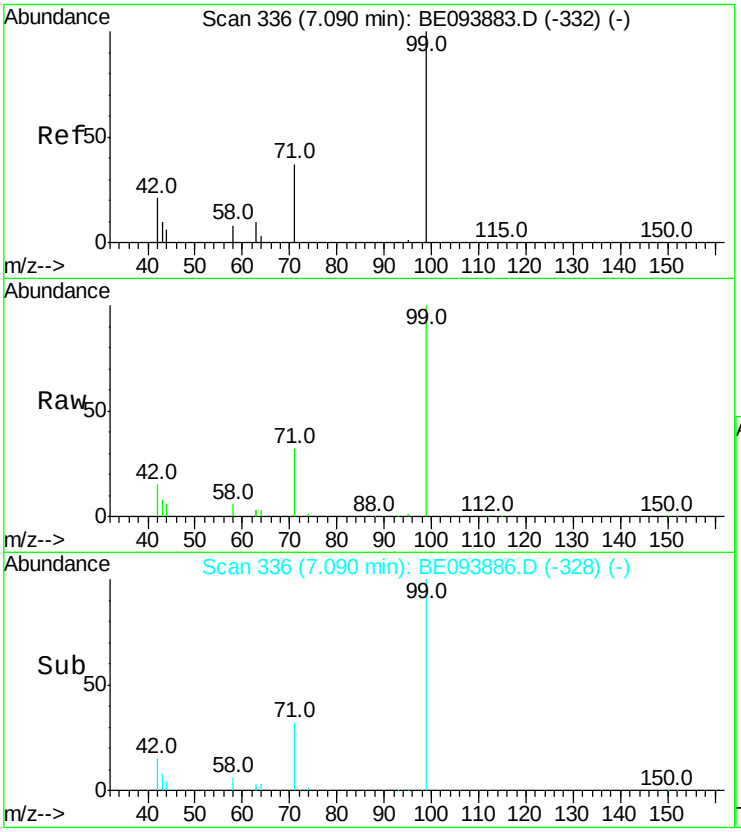


#4
2-Fluorophenol
Concen: 3.171 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:112 Resp: 20017

Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.7	86.5
63	140.4	116.0	174.0



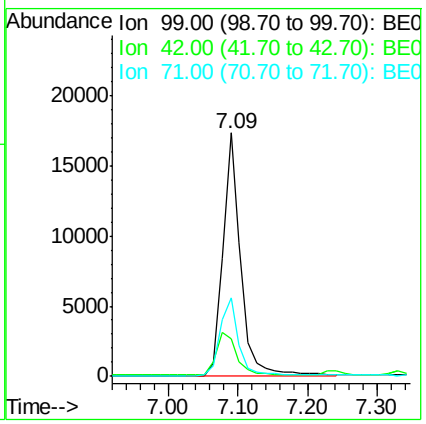


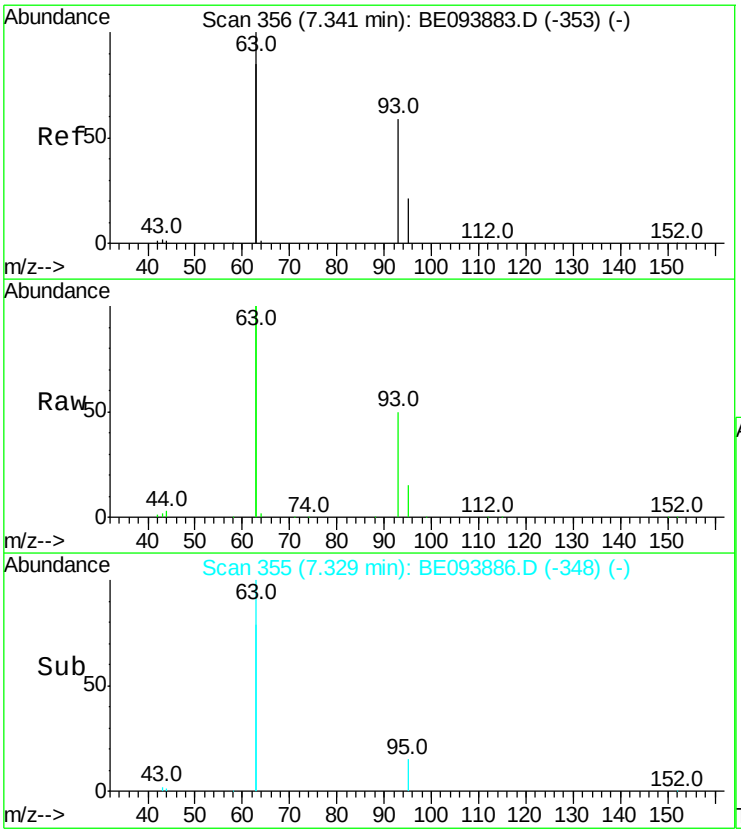
#5
Phenol-d6
Concen: 3.252 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 31308

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.1	25.7
71	33.6	26.6	39.8

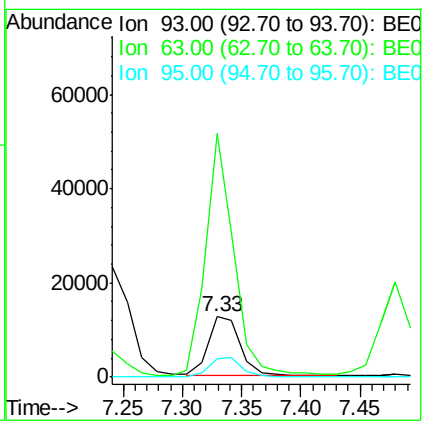


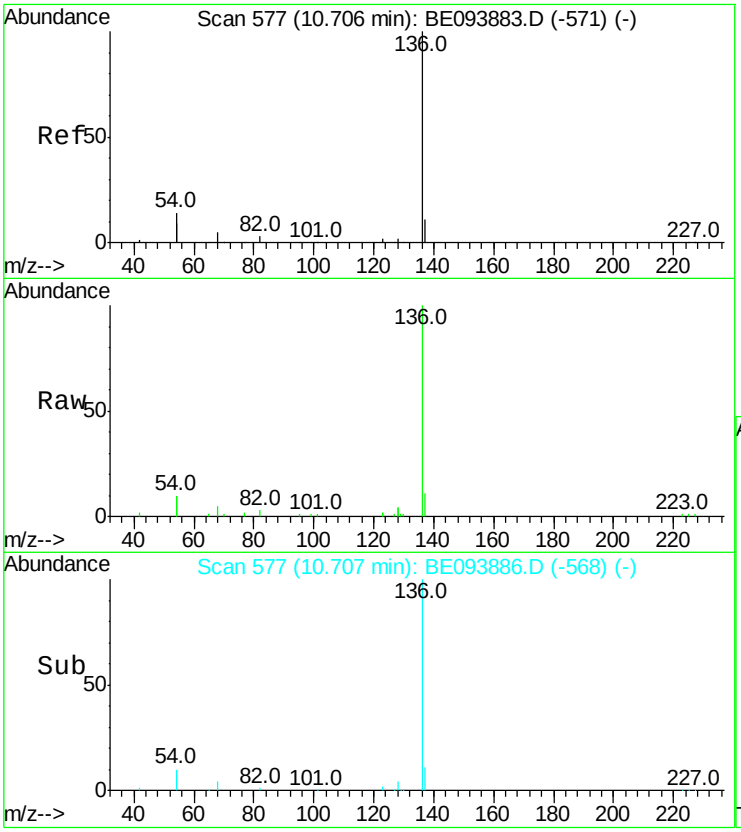


#6
bis(2-Chloroethyl)ether
Concen: 3.213 ng
RT: 7.33 min Scan# 355
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion: 93 Resp: 23969

Ion	Ratio	Lower	Upper
93	100		
63	353.8	283.4	425.2
95	32.7	26.9	40.3



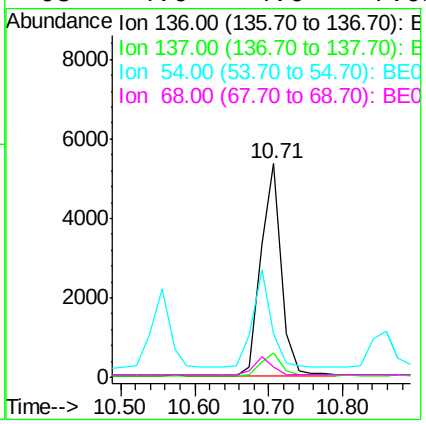


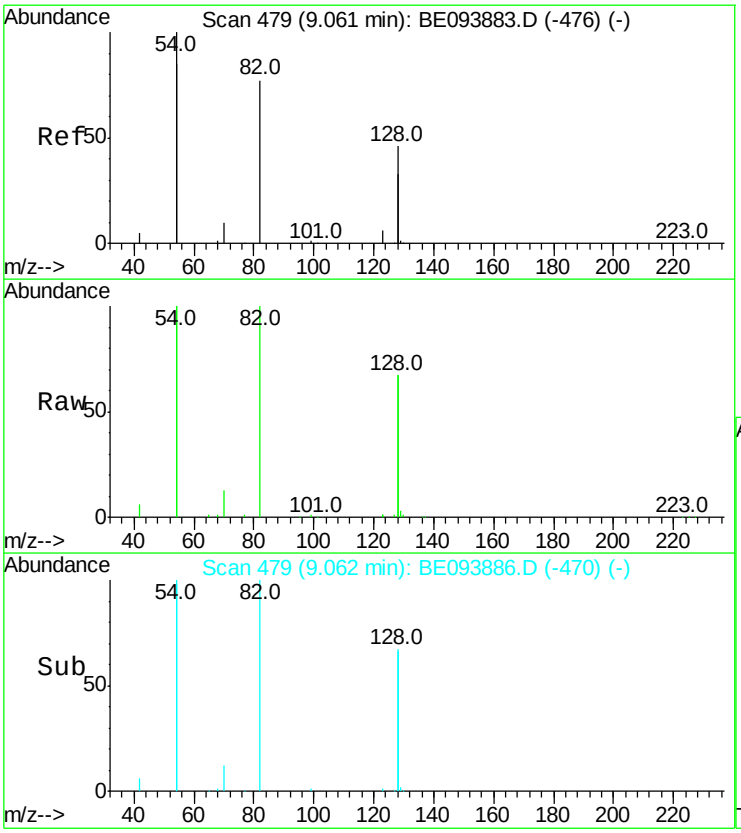
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 10225

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	20.6	21.9	32.9#
68	4.6	4.6	7.0#

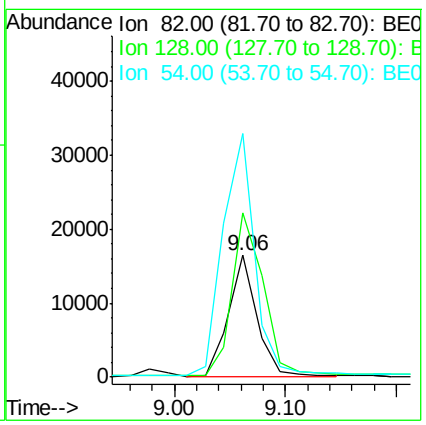


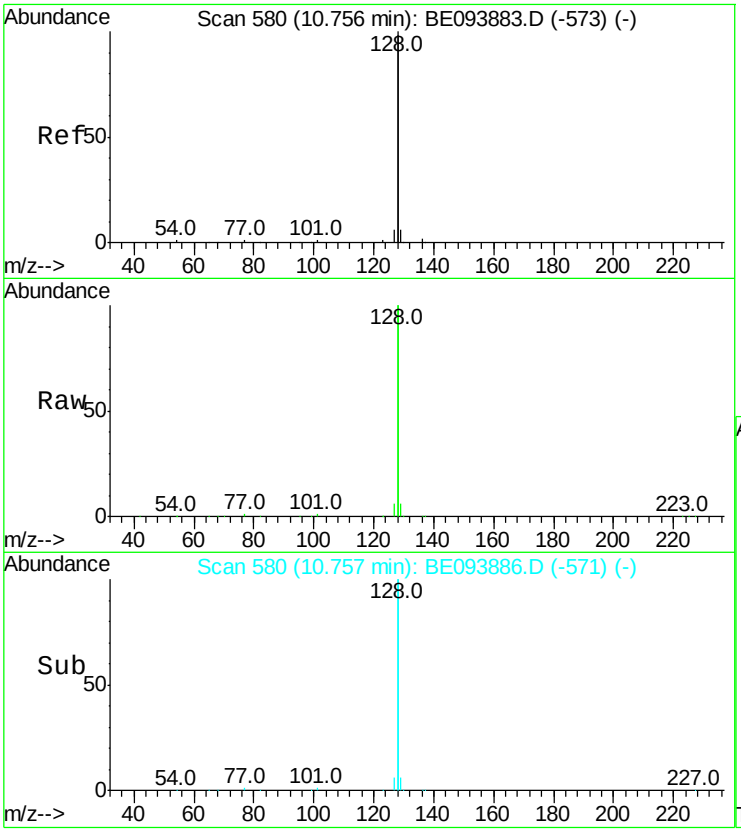


#8
Nitrobenzene-d5
Concen: 3.327 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion: 82 Resp: 29003

Ion	Ratio	Lower	Upper
82	100		
128	134.6	91.4	137.0
54	200.0	197.8	296.8



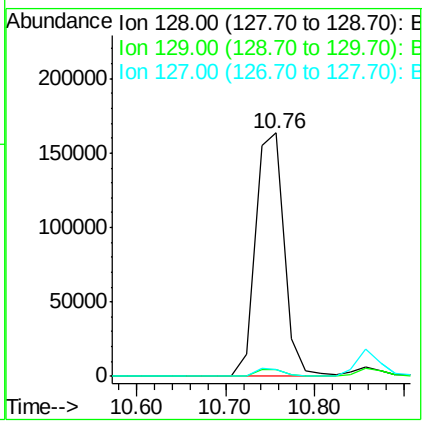


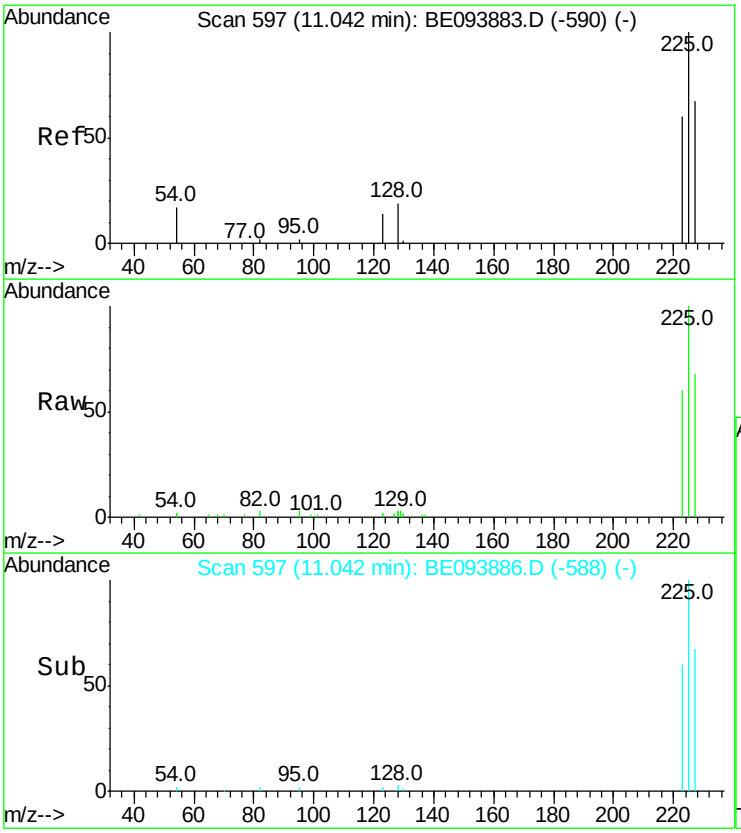
#9
Naphthalene
Concen: 3.133 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 366738

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.0	2.6	4.0

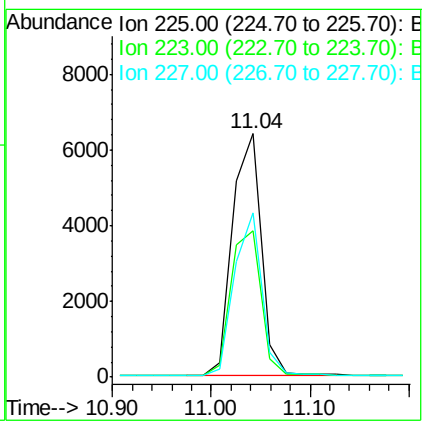


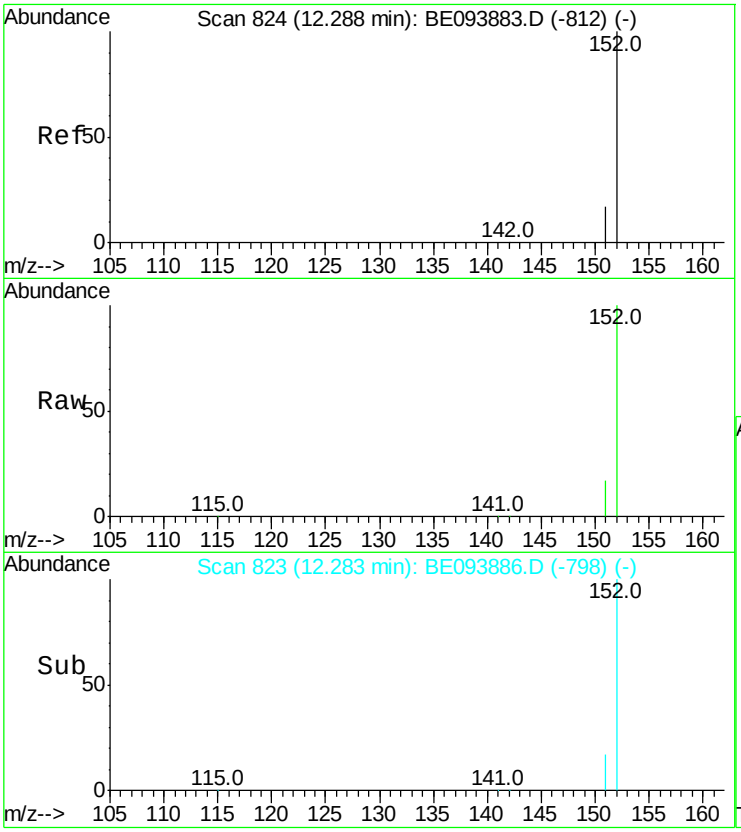


#10
Hexachlorobutadiene
Concen: 3.014 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:225 Resp: 12950

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.0
227	63.8	50.5	75.7



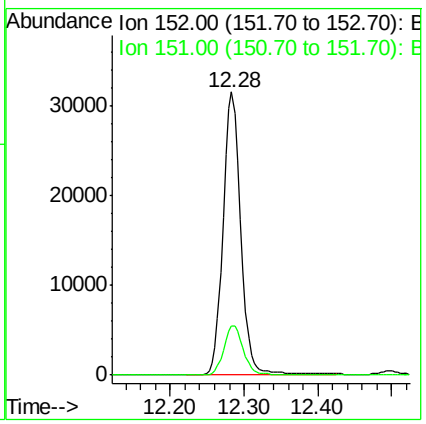


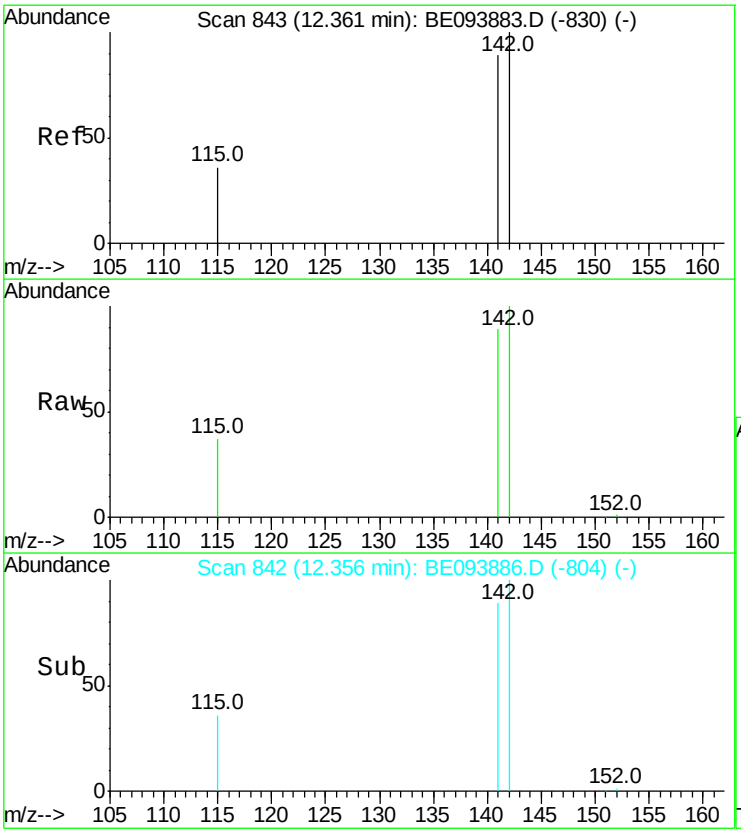
#11
2-Methylnaphthalene-d10
Concen: 3.205 ng
RT: 12.28 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 52431

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

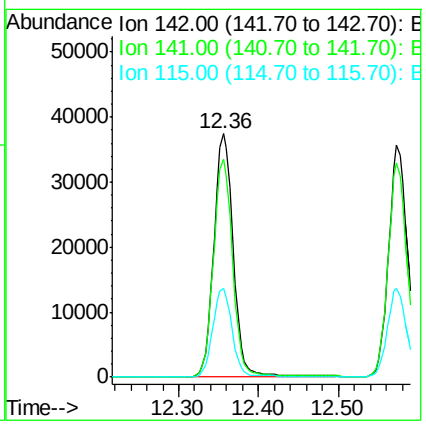


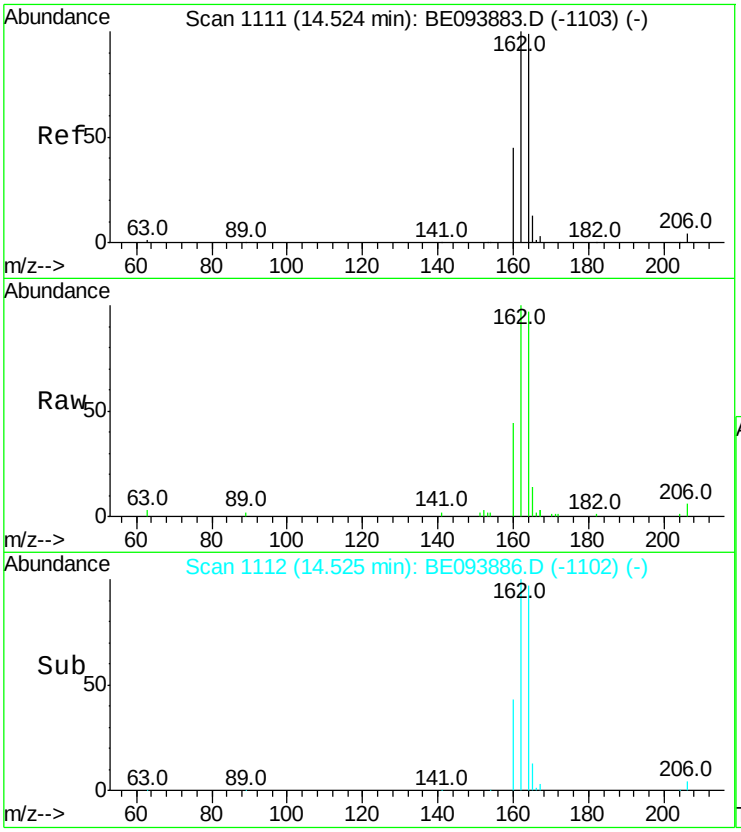


#12
2-Methylnaphthalene
Concen: 3.185 ng
RT: 12.36 min Scan# 842
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:142 Resp: 62631

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	36.5	29.4	44.0



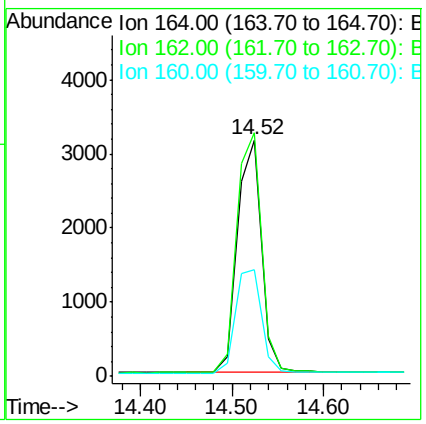


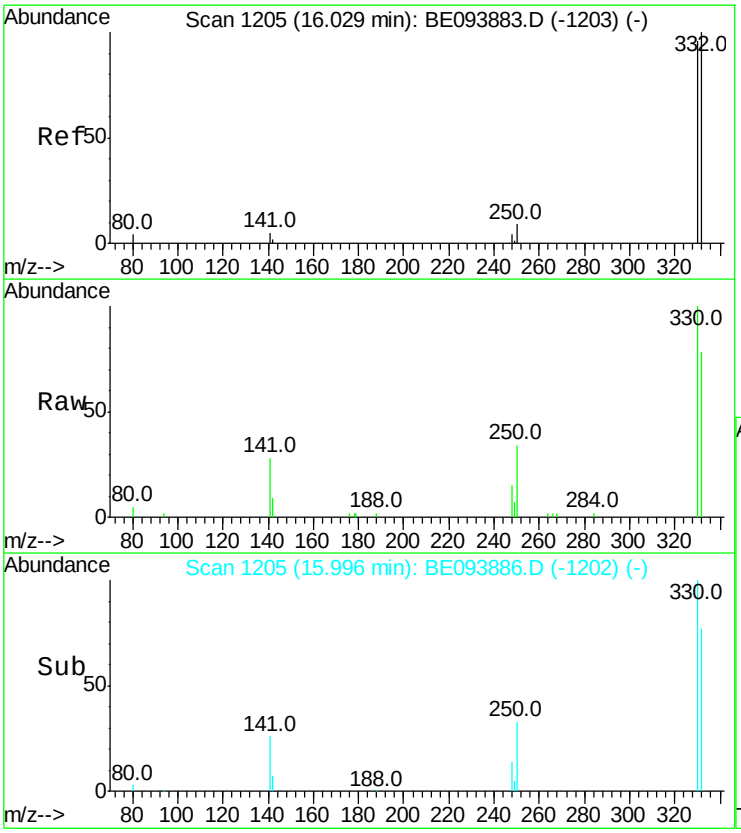
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 5787

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.8	121.2
160	45.2	37.0	55.4

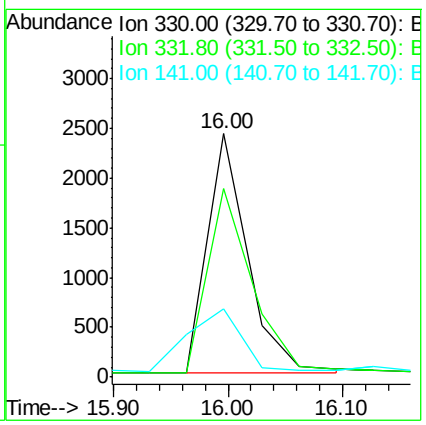


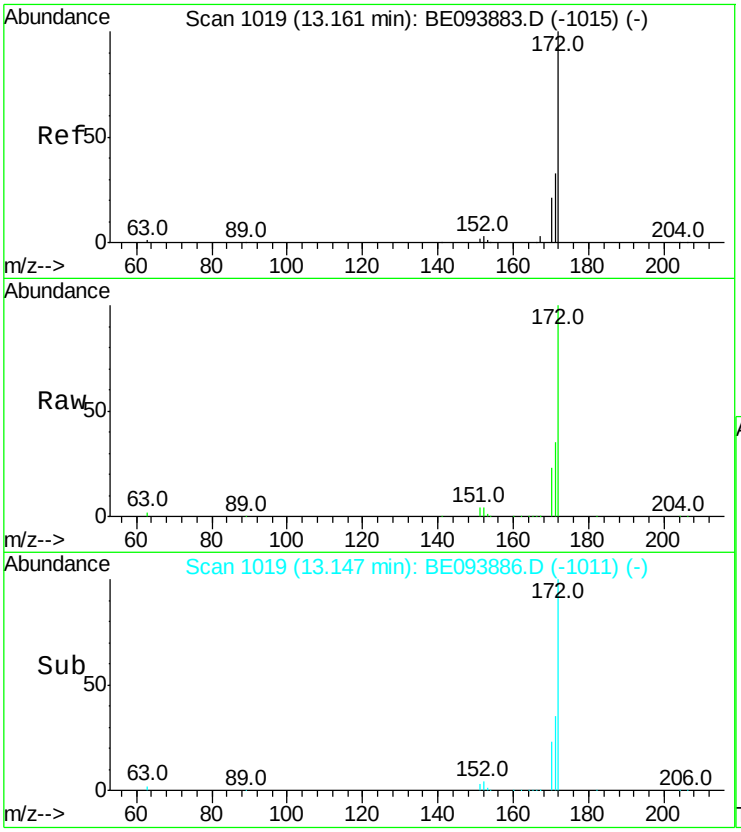


#14
2,4,6-Tribromophenol
Concen: 3.727 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:330 Resp: 5811

Ion	Ratio	Lower	Upper
330	100		
332	85.6	76.9	115.3
141	0.0	0.0	0.0



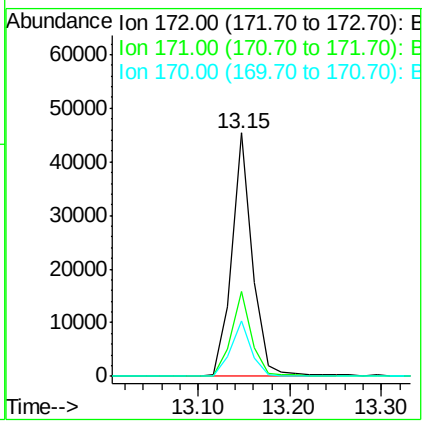


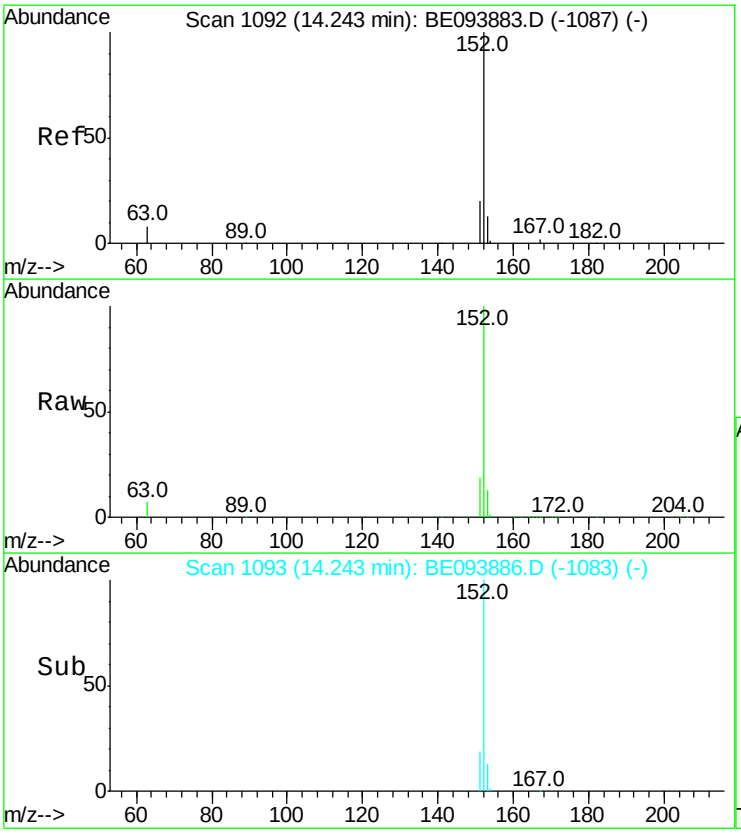
#15
2-Fluorobiphenyl
Concen: 3.125 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 70942

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.9	40.3
170	22.7	17.3	25.9

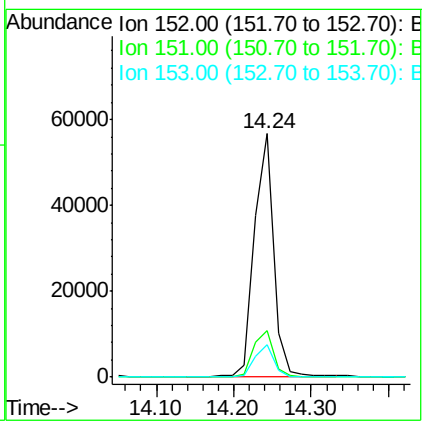


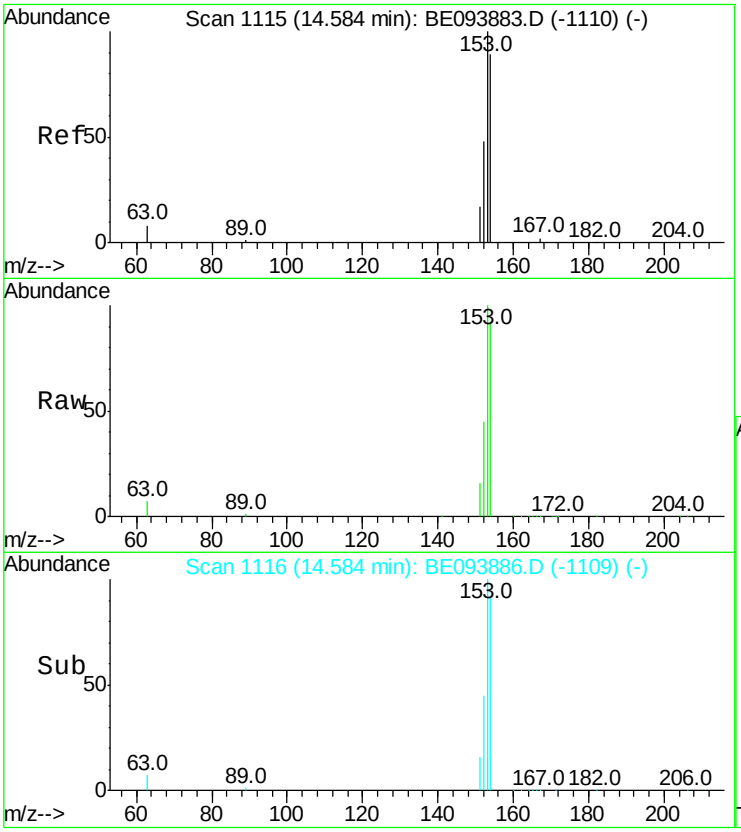


#16
Acenaphthylene
Concen: 3.406 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:152 Resp: 98320

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.2	10.6	16.0



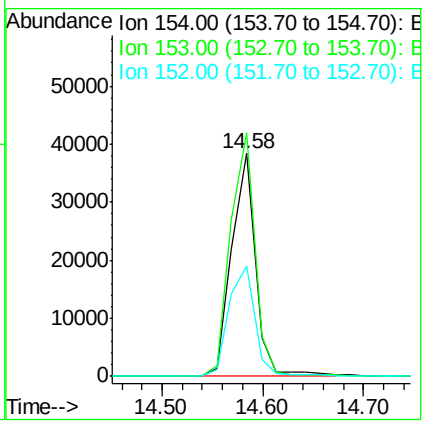


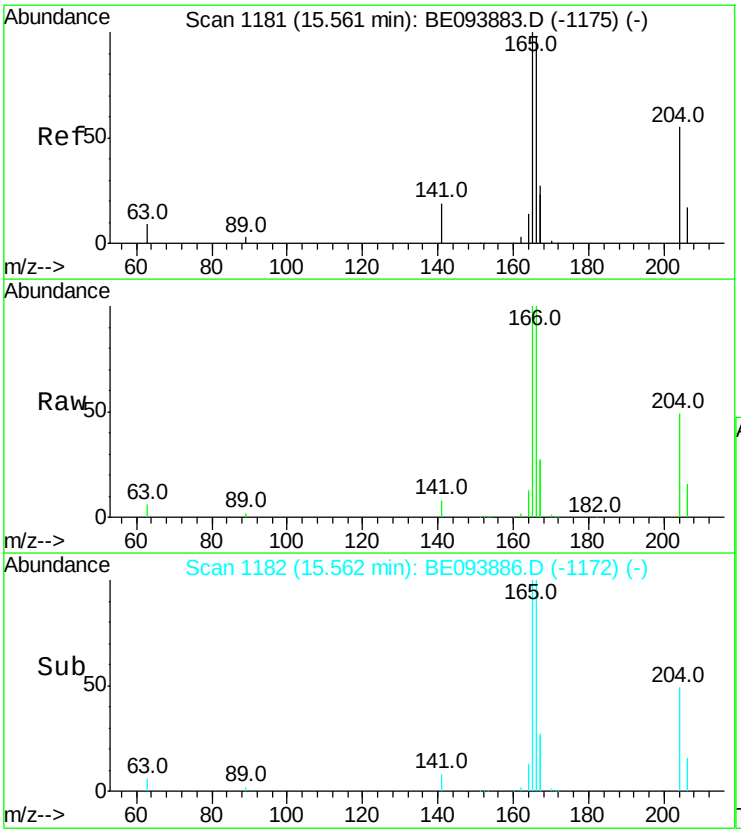
#17
Acenaphthene
Concen: 3.232 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 62774

Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.8	137.6
152	53.0	44.9	67.3

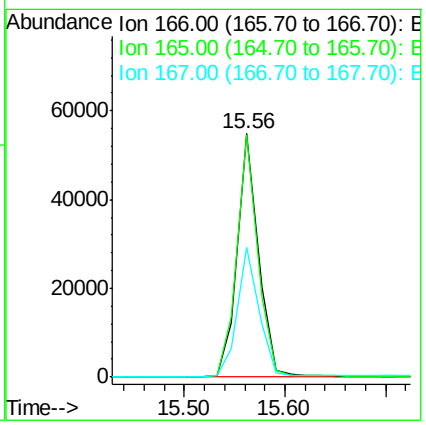


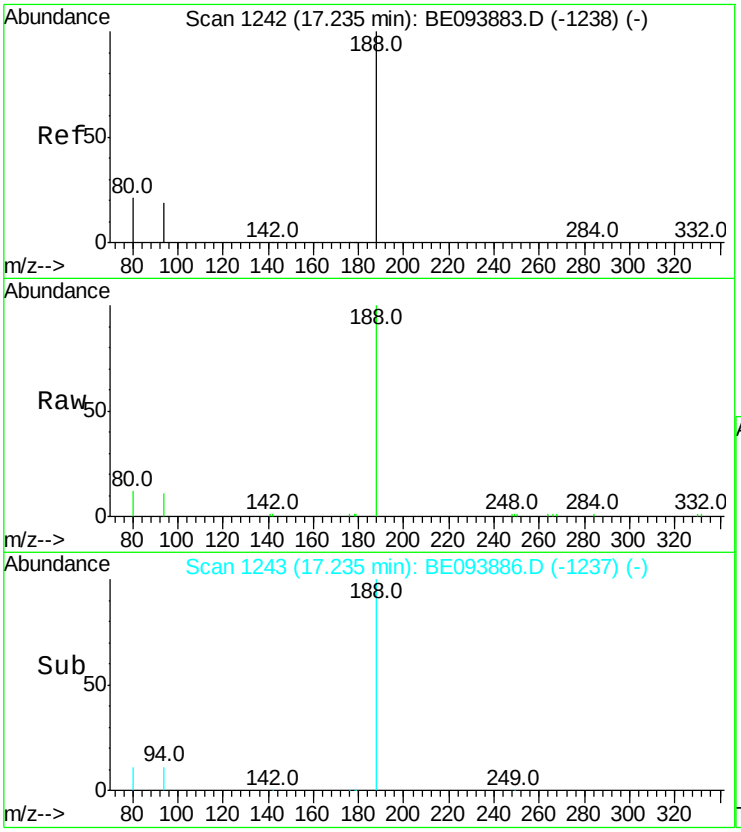


#18
Fluorene
Concen: 3.188 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:166 Resp: 80133

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.4	119.0
167	53.8	43.5	65.3



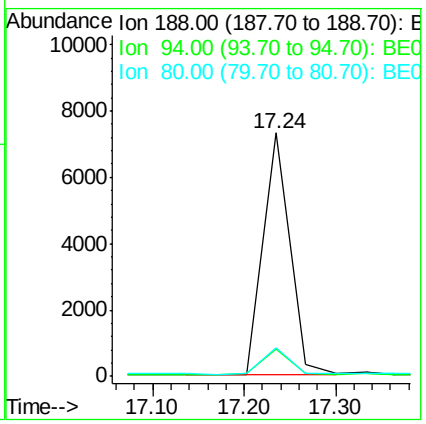


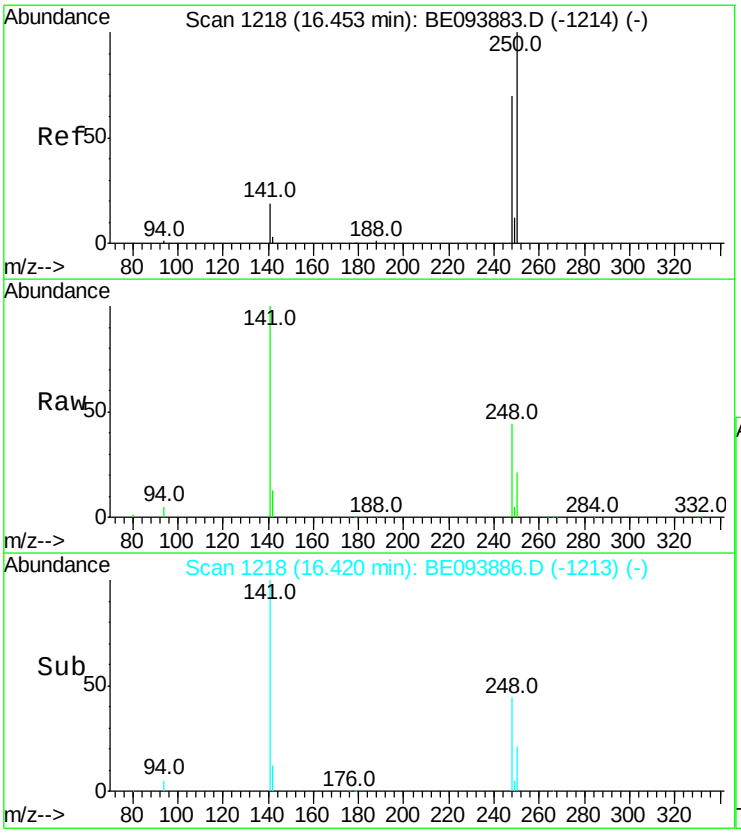
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 15011

Ion	Ratio	Lower	Upper
188	100		
94	11.3	16.1	24.1#
80	11.6	18.2	27.2#

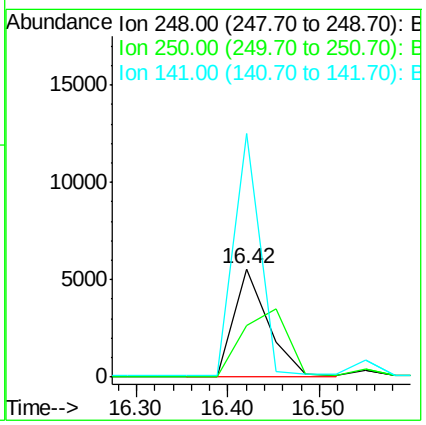


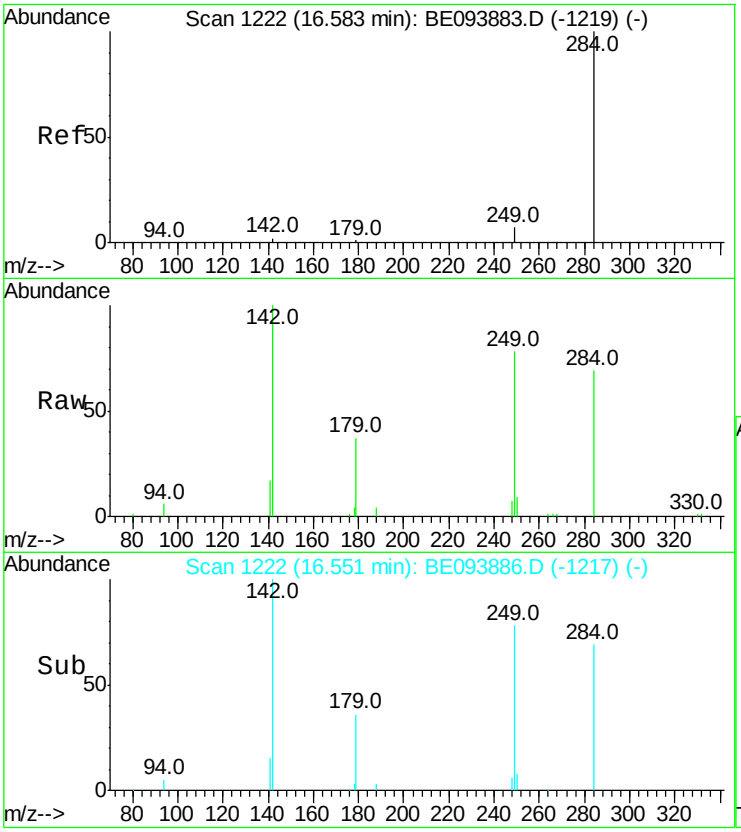


#20
4-Bromophenyl-phenylether
Concen: 3.170 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:248 Resp: 14554

Ion	Ratio	Lower	Upper
248	100		
250	47.1	111.8	167.8#
141	224.9	27.1	40.7#



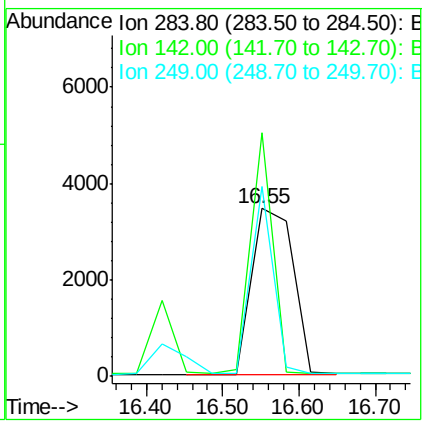


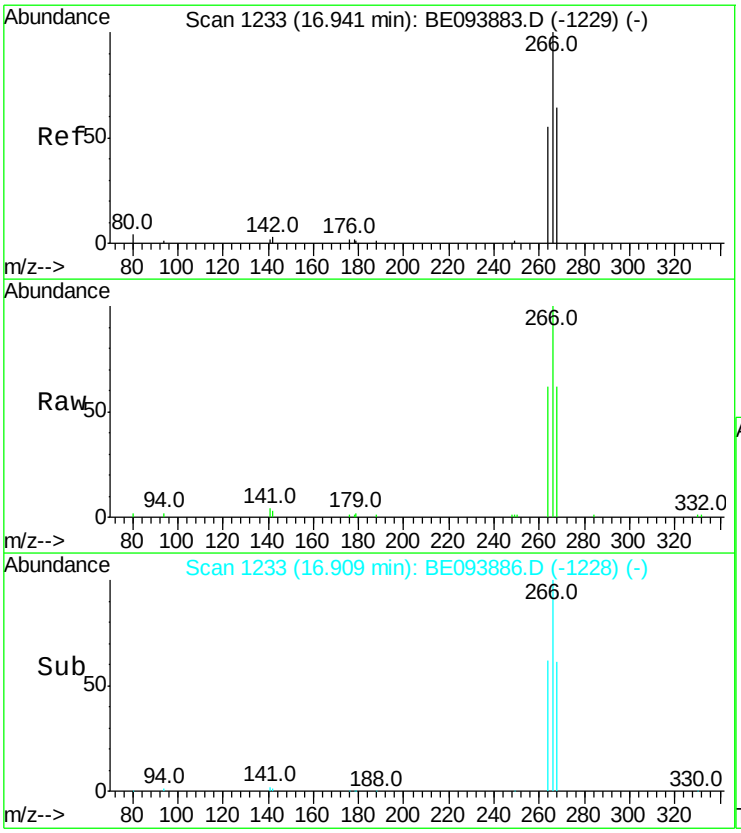
#21
Hexachlorobenzene
Concen: 2.796 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 13108

Ion	Ratio	Lower	Upper
284	100		
142	76.0	0.0	0.0#
249	59.8	0.0	0.0#

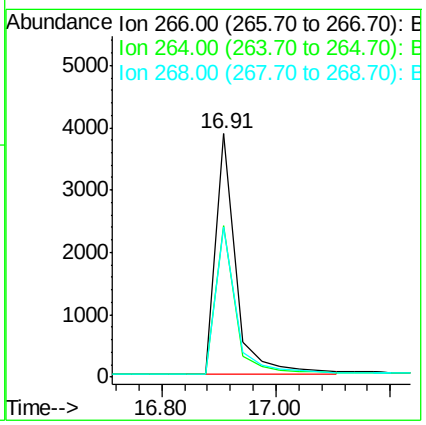


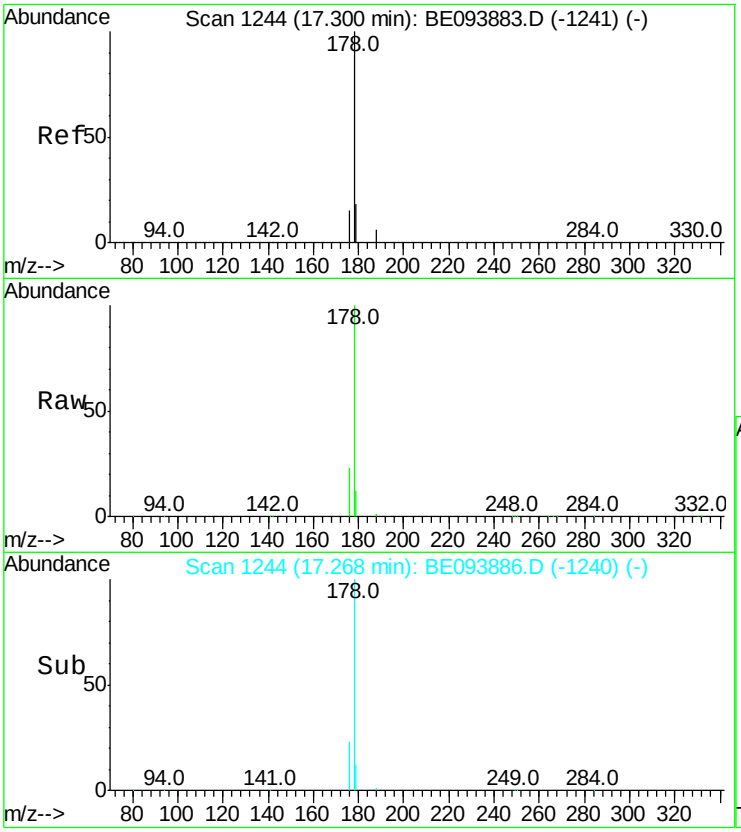


#22
Pentachlorophenol
Concen: 3.240 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:266 Resp: 9546

Ion	Ratio	Lower	Upper
266	100		
264	62.4	53.5	80.3
268	61.5	60.0	90.0



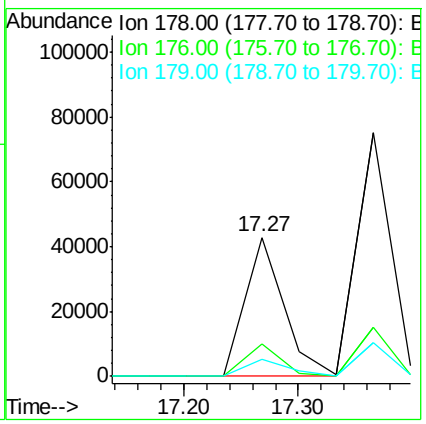


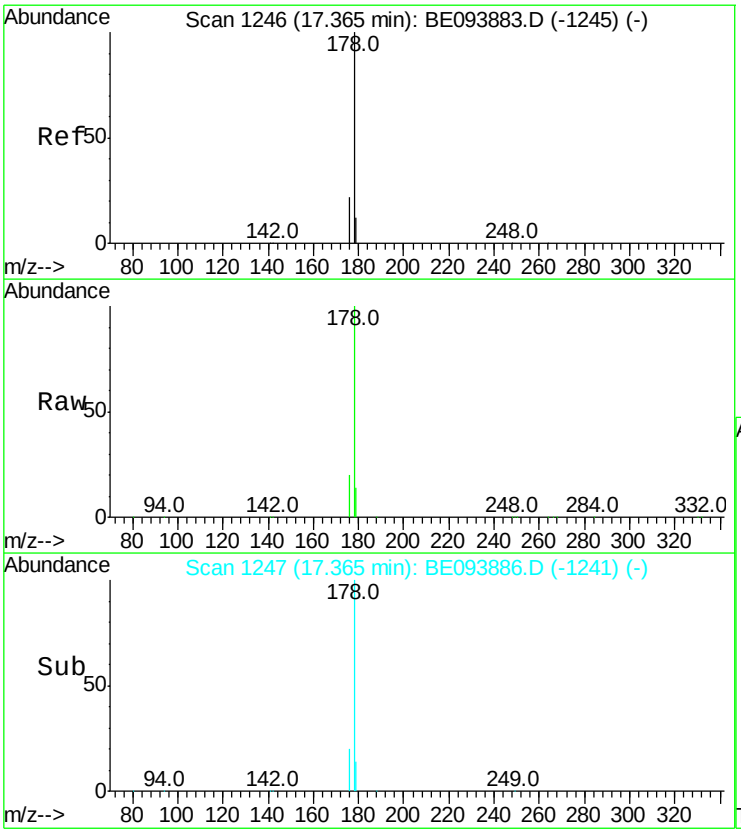
#23
Phenanthrene
Concen: 3.039 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 99929

Ion	Ratio	Lower	Upper
178	100		
176	21.8	0.0	0.0#
179	0.0	12.6	18.8#

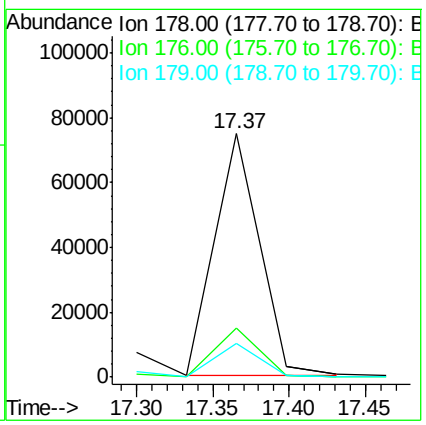


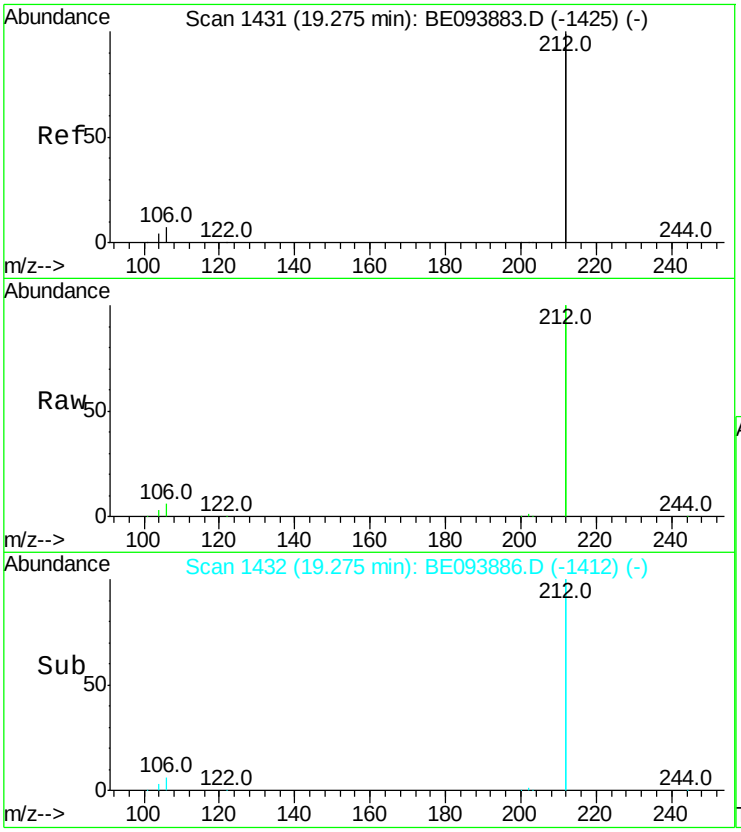


#24
Anthracene
Concen: 3.244 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:178 Resp: 151533

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	23.3	0.0	0.0#



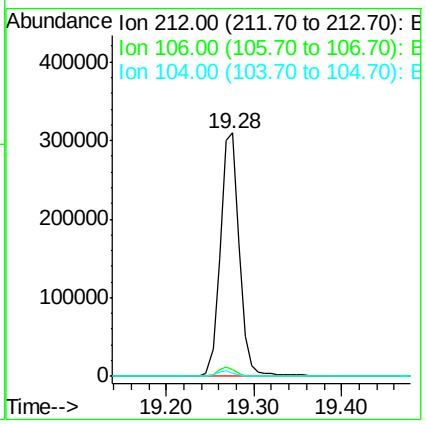


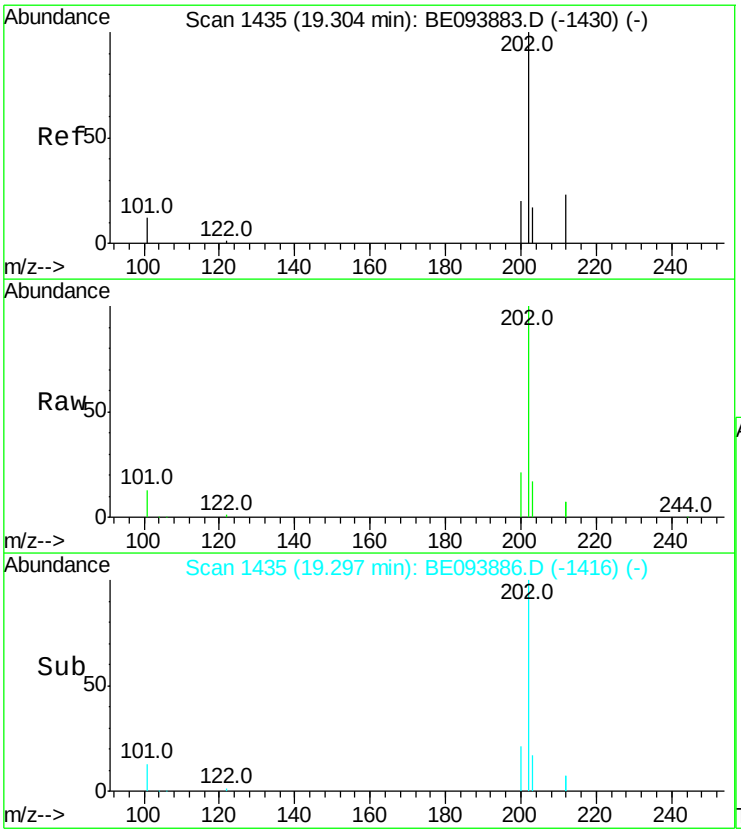
#25
Fluoranthene-d10
Concen: 2.739 ng
RT: 19.28 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 469016

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.7	4.1
104	1.9	1.6	2.4

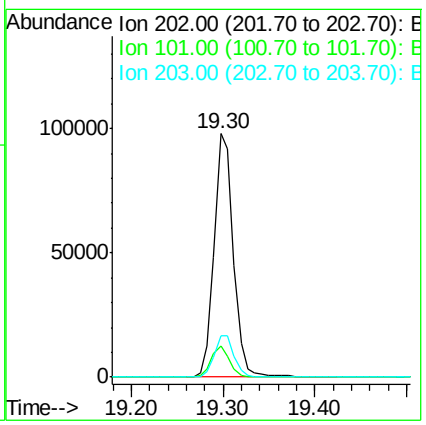


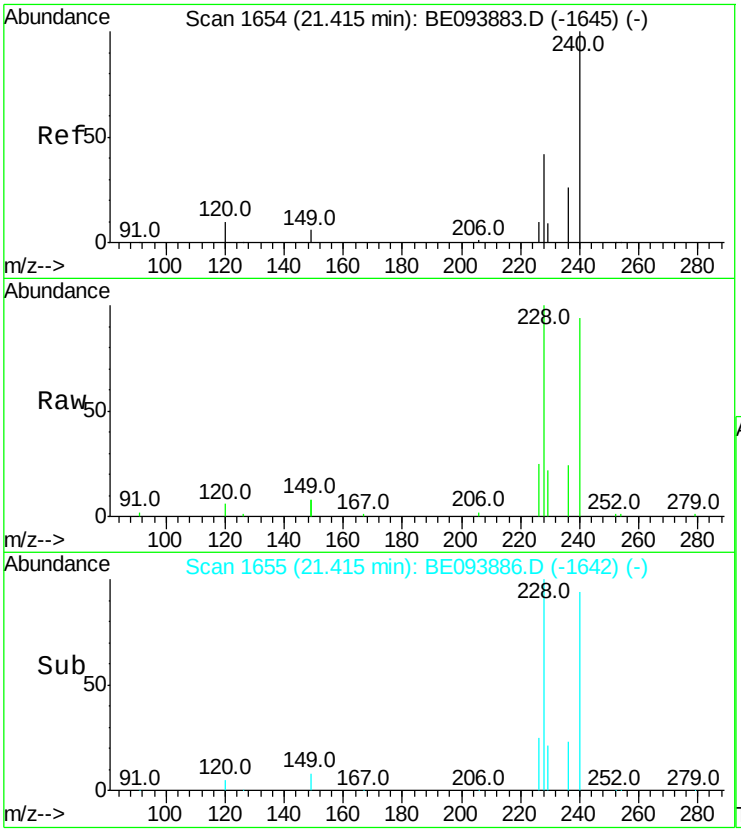


#26
Fluoranthene
Concen: 2.705 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:202 Resp: 141513

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
203	17.5	13.7	20.5



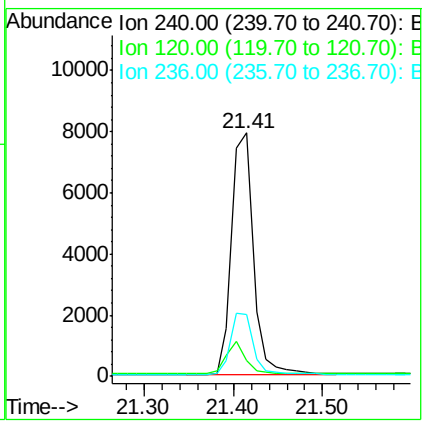


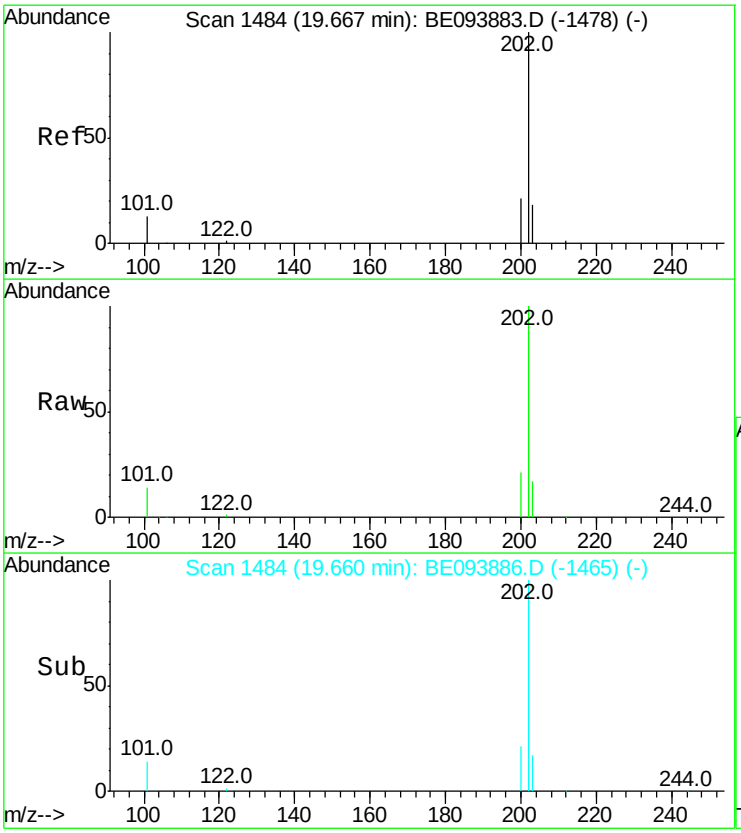
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 13431

Ion	Ratio	Lower	Upper
240	100		
120	6.4	8.7	13.1#
236	25.3	21.3	31.9

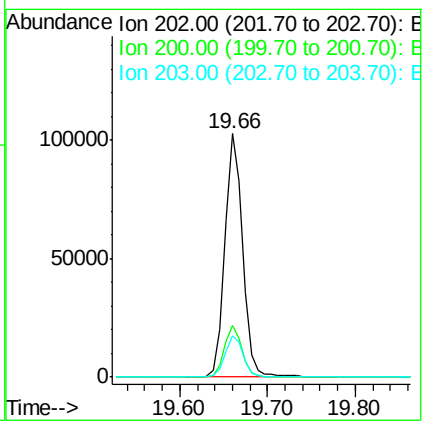


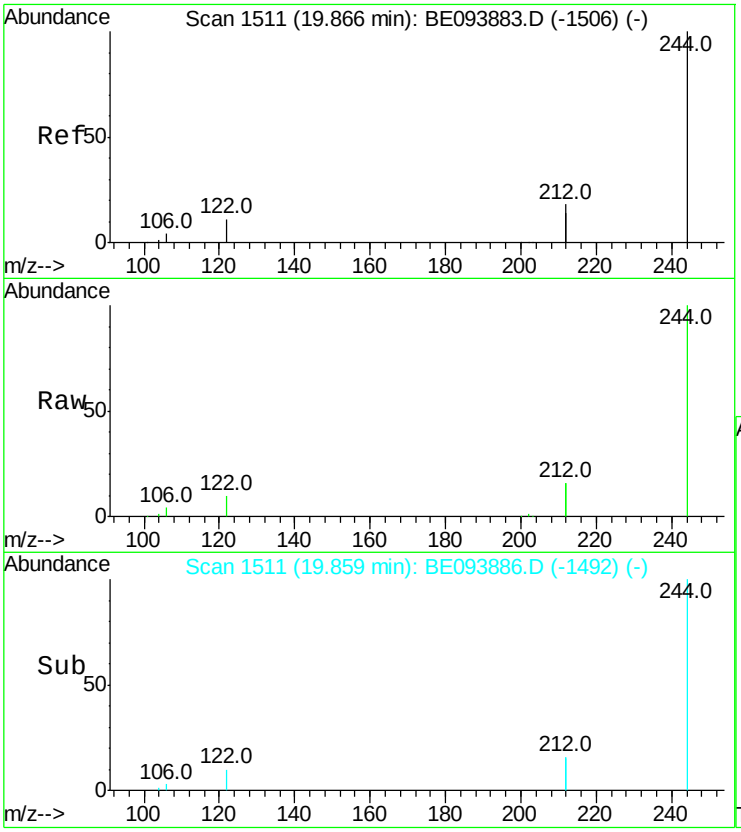


#28
Pyrene
Concen: 3.320 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:202 Resp: 145909

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.5	14.2	21.4



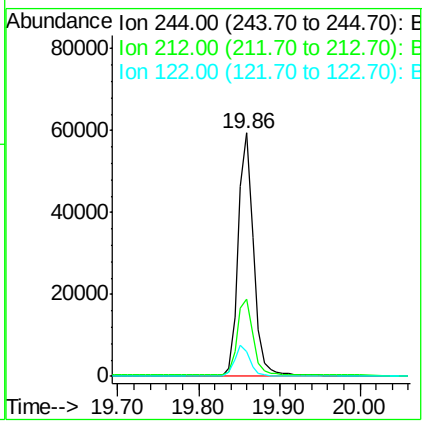


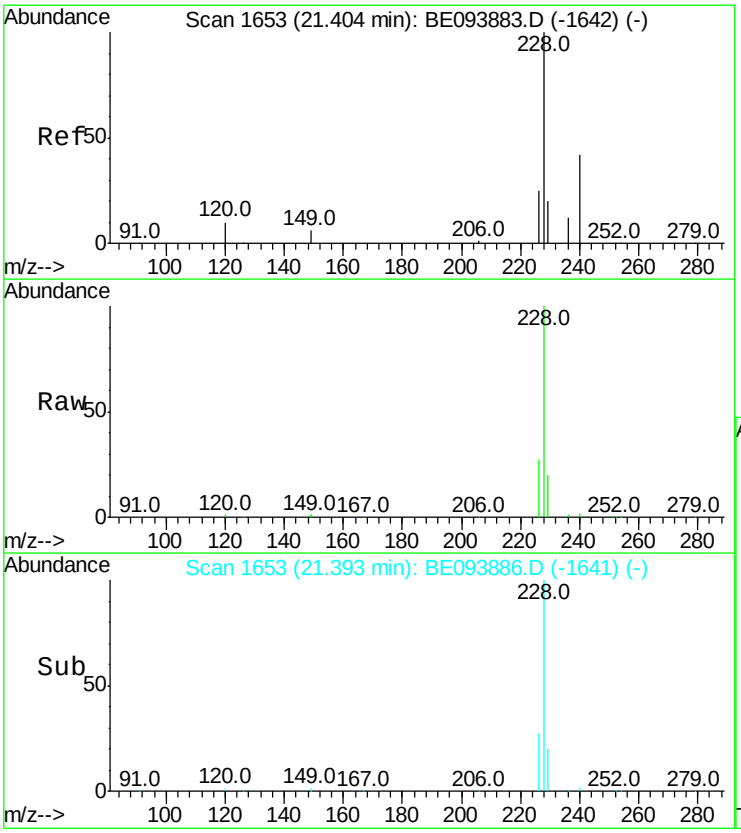
#29
Terphenyl-d14
Concen: 3.287 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 78623

Ion	Ratio	Lower	Upper
244	100		
212	31.5	28.3	42.5
122	10.0	9.4	14.0

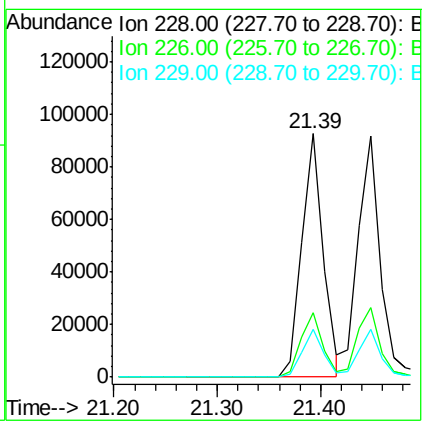


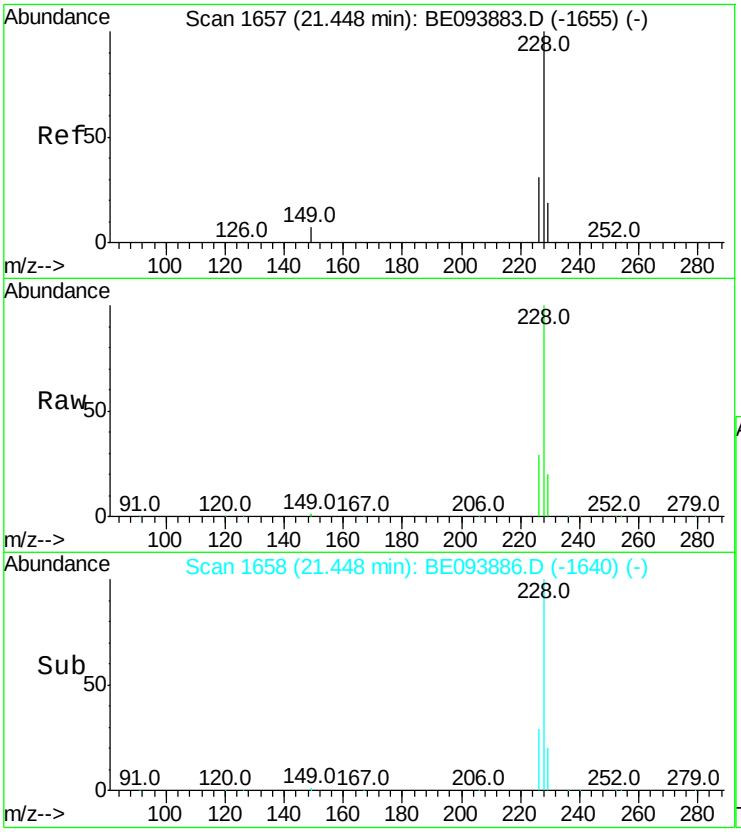


#30
Benzo(a)anthracene
Concen: 3.158 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:228 Resp: 132312

Ion	Ratio	Lower	Upper
228	100		
226	26.6	20.8	31.2
229	19.8	16.6	25.0



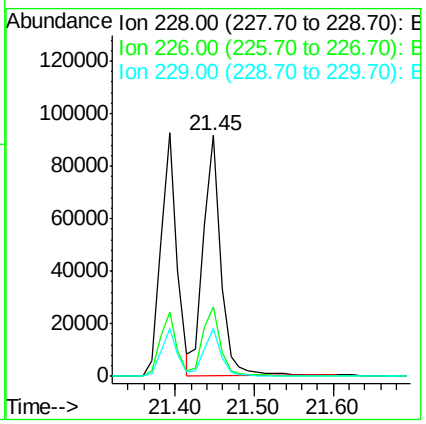


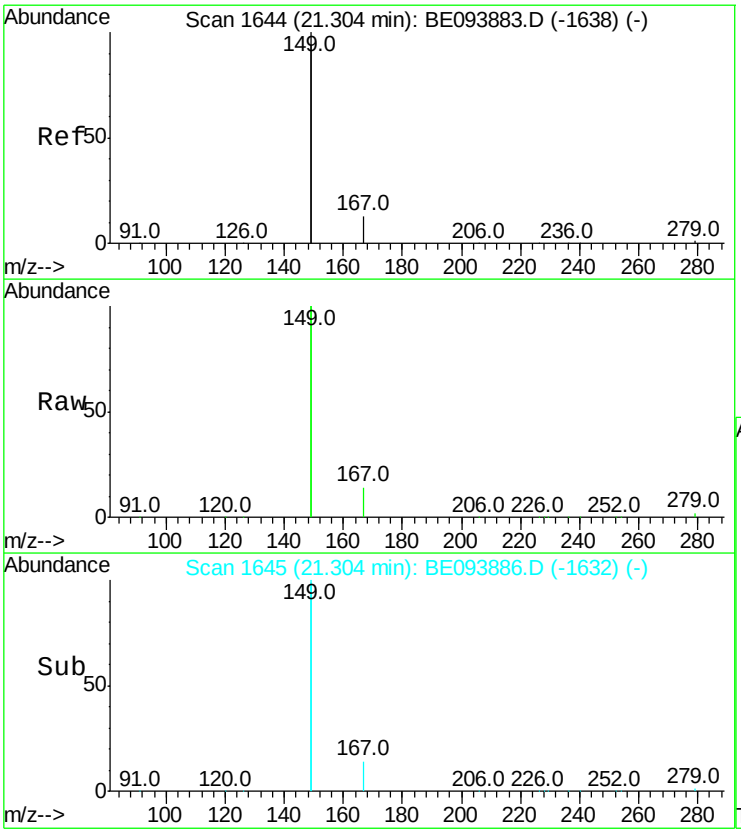
#31
Chrysene
Concen: 3.201 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 139092

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.6	37.0
229	20.1	15.8	23.8

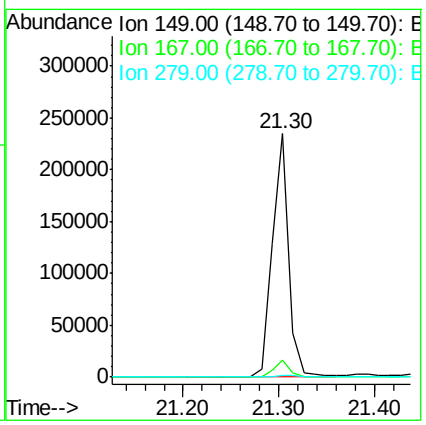


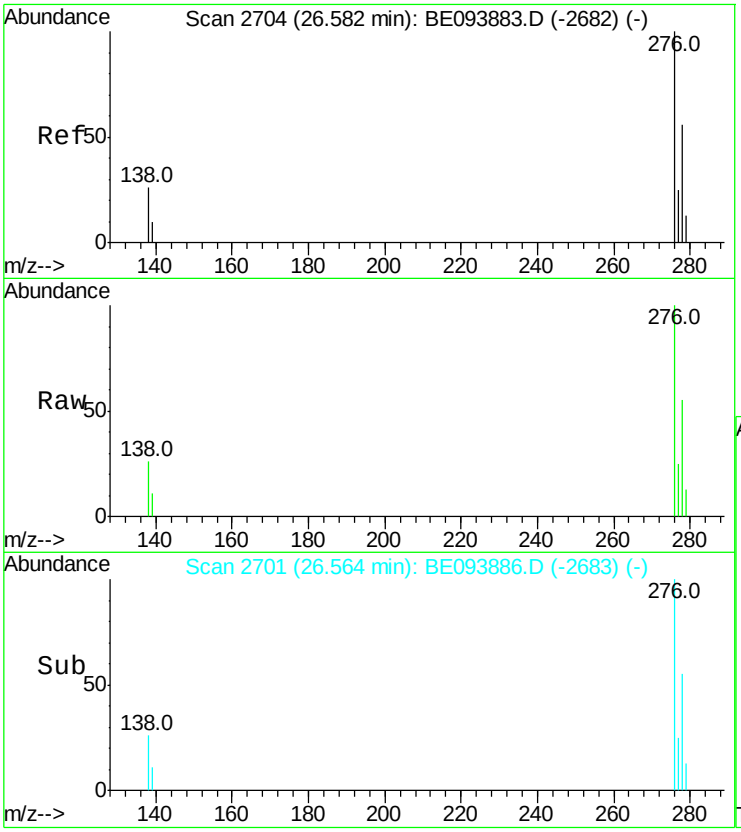


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.156 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:149 Resp: 279723

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



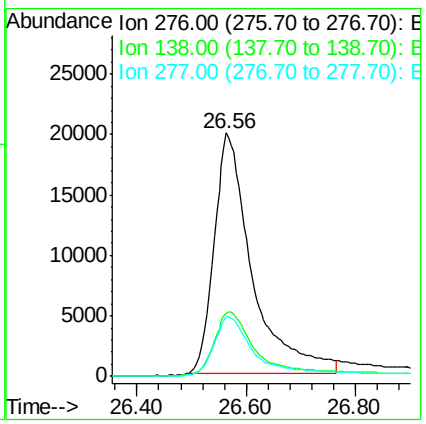


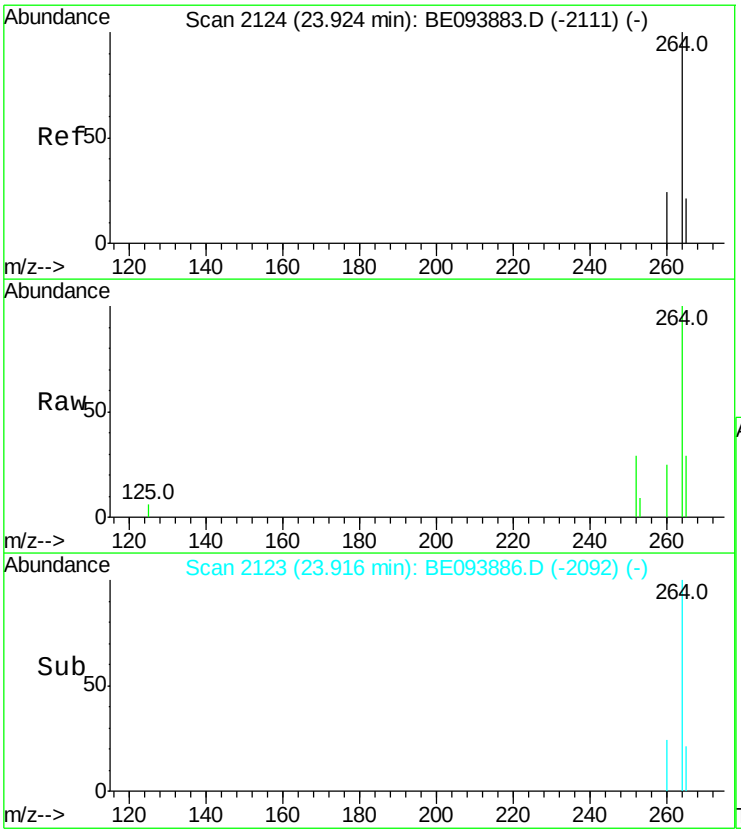
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.462 ng
RT: 26.56 min Scan# 2701
Delta R.T. -0.02 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 97436

Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.2	33.2
277	25.0	19.5	29.3

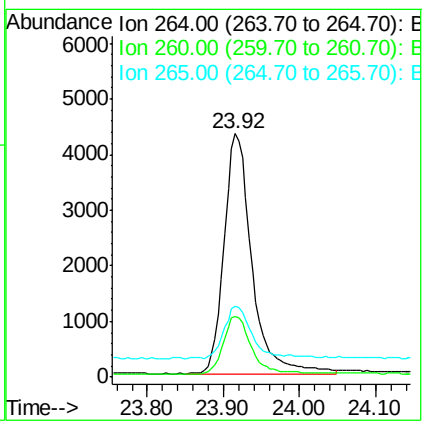


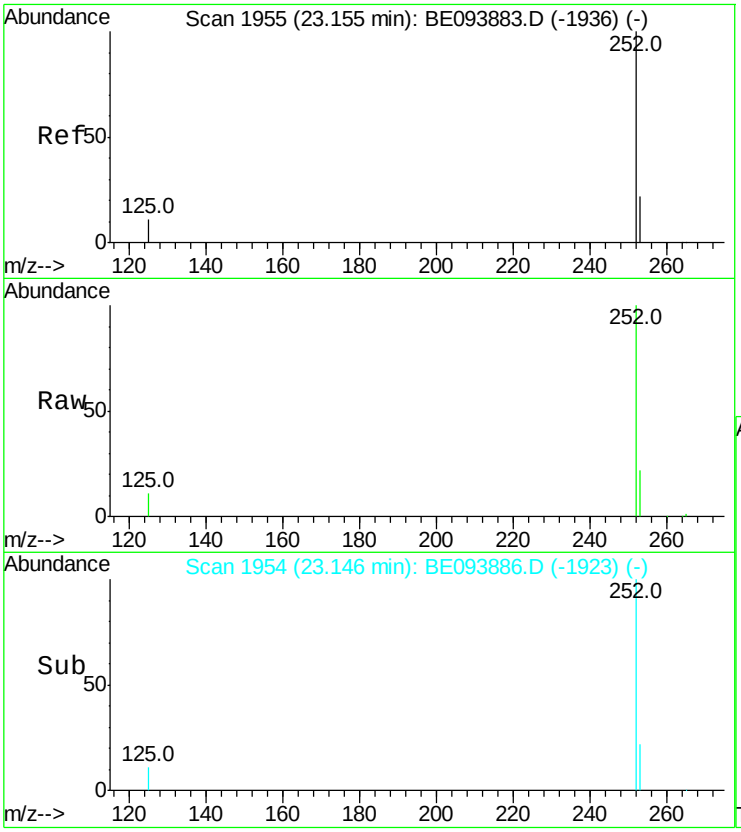


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:264 Resp: 10926

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	28.9	24.0	36.0



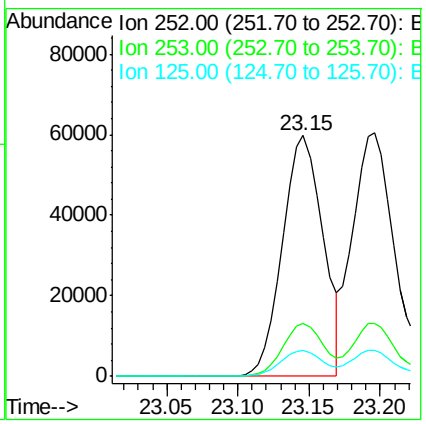


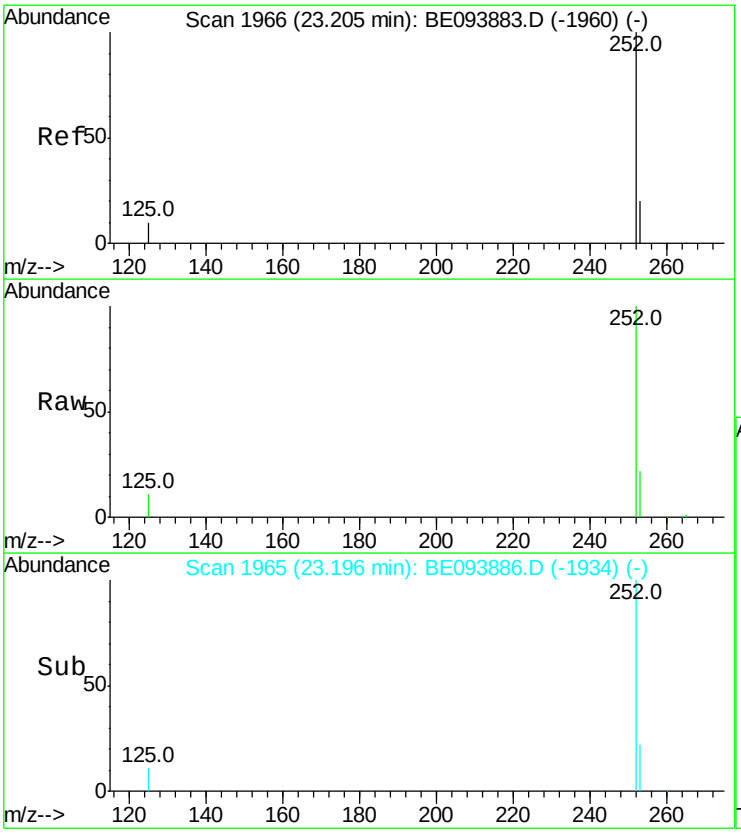
#35
Benzo(b)fluoranthene
Concen: 3.168 ng
RT: 23.15 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 116670

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.4	29.0
125	10.8	10.0	15.0

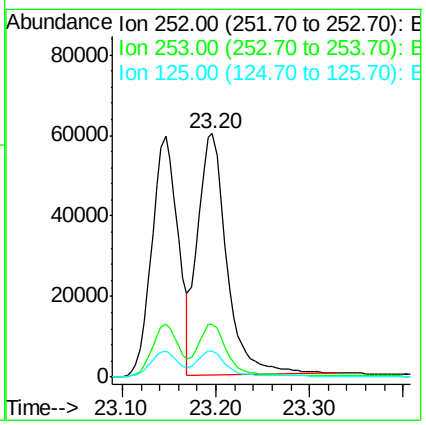


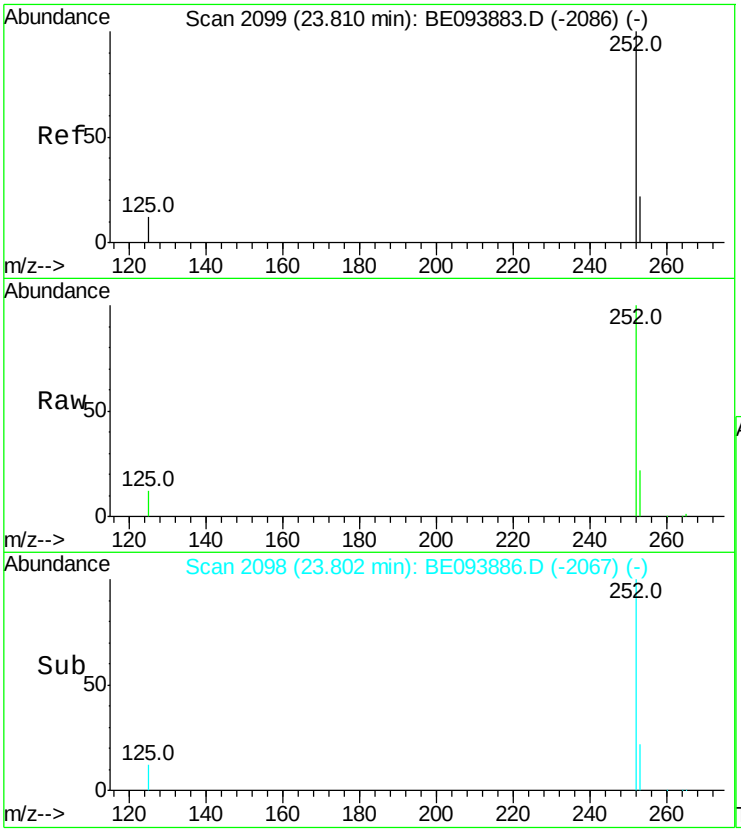


#36
Benzo(k)fluoranthene
Concen: 3.340 ng
RT: 23.20 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:252 Resp: 129294

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.8	9.8	14.6



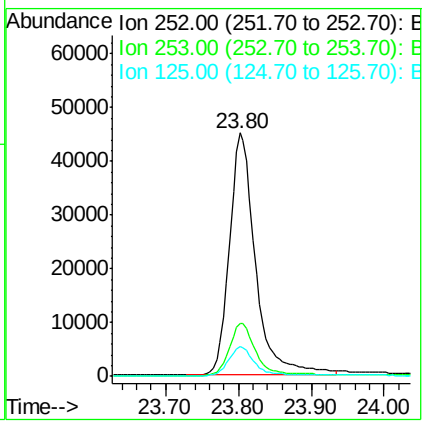


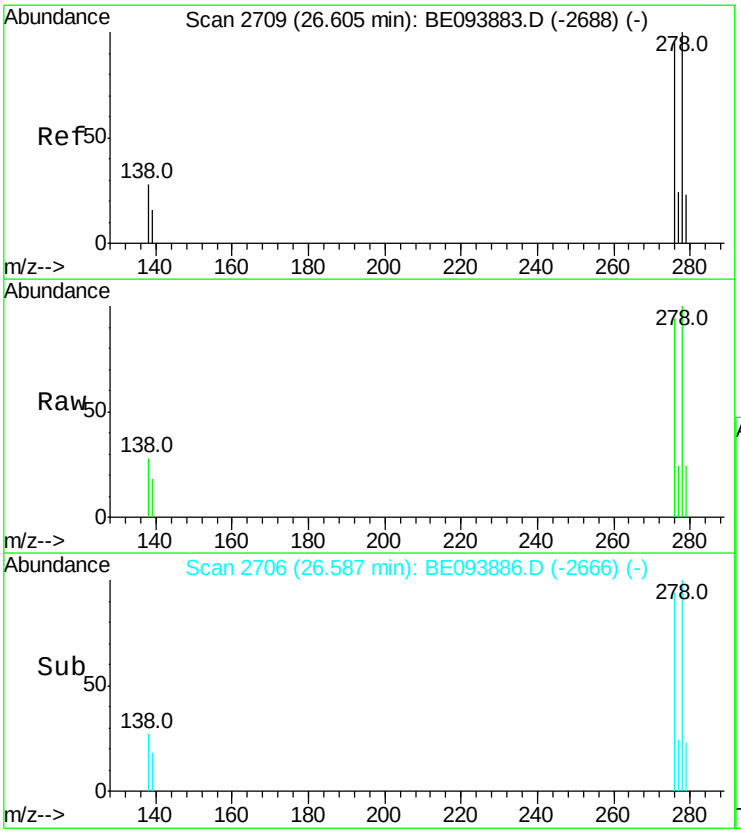
#37
Benzo(a)pyrene
Concen: 3.193 ng
RT: 23.80 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 112389

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.6	29.4
125	12.1	11.8	17.8

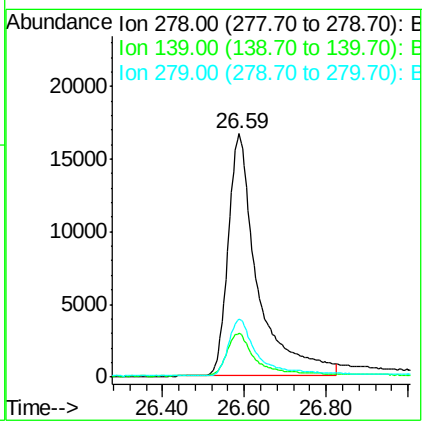


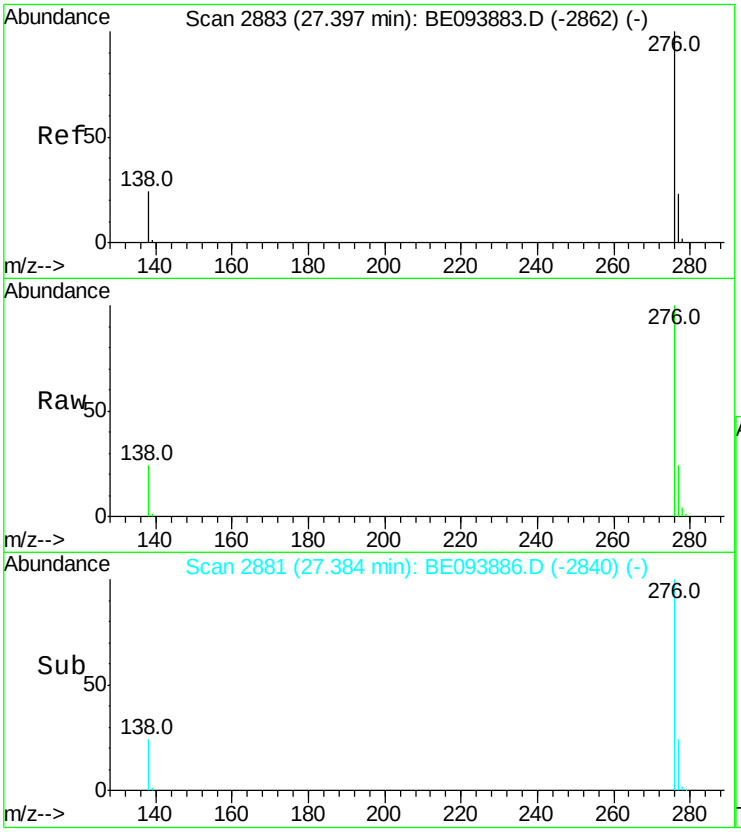


#38
Dibenzo(a,h)anthracene
Concen: 2.637 ng
RT: 26.59 min Scan# 2706
Delta R.T. -0.02 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Tgt Ion:278 Resp: 83873

Ion	Ratio	Lower	Upper
278	100		
139	18.0	16.7	25.1
279	23.8	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 2.665 ng
RT: 27.38 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BE093886.D
Acq: 26 Aug 2017 12:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 85799

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.6	30.8
138	23.9	21.9	32.9