Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
Data File : BE093615.D
Acq On : 1 Aug 2017 14:14
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Aug 01 14:52:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 01 14:41:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2338	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	10633	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	6082	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	17782	0.40	ng		0.00
27) Chrysene-d12	21.40	240	18949	0.40	ng		0.00
34) Perylene-d12	23.91	264	15166	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	5382	0.66	ng		0.00
5) Phenol-d6	7.09	99	7780	0.68	ng		0.00
8) Nitrobenzene-d5	9.06	82	6351	0.75	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	13366	0.78	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	1134	0.51	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	19139	0.80	ng		-0.01
25) Fluoranthene-d10	19.27	212	149218	0.53	ng		0.00
29) Terphenyl-d14	19.86	244	26544	0.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	3052	0.786	ng		97
3) n-Nitrosodimethylamine	3.74	42	2966	0.772	ng		97
6) bis(2-Chloroethyl)ether	7.34	93	6949	0.768	ng	#	99
9) Naphthalene	10.76	128	96709	0.781	ng		99
10) Hexachlorobutadiene	11.04	225	3658	0.760	ng		98
12) 2-Methylnaphthalene	12.36	142	16012	0.771	ng		97
16) Acenaphthylene	14.24	152	23048	0.752	ng	#	88
17) Acenaphthene	14.59	154	16202	0.779	ng		99
18) Fluorene	15.56	166	21606	0.738	ng	#	87
20) 4-Bromophenyl-phenylether	16.42	248	3639	0.525	ng	#	1
21) Hexachlorobenzene	16.55	284	3962	0.595	ng	#	100
22) Pentachlorophenol	16.91	266	1762	0.453	ng		95
23) Phenanthrene	17.27	178	29282	0.726	ng	#	79
24) Anthracene	17.37	178	41826	0.678	ng	#	89
26) Fluoranthene	19.30	202	46074	0.536	ng		99
28) Pyrene	19.66	202	47198	0.769	ng	#	99
30) Benzo(a)anthracene	21.39	228	44213	0.725	ng		95
31) Chrysene	21.45	228	48739	0.807	ng		96
32) Bis(2-ethylhexyl)phthalate	21.30	149	54669	0.414	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	43497	0.761	ng		93
35) Benzo(b)fluoranthene	23.14	252	42914	0.806	ng	#	93
36) Benzo(k)fluoranthene	23.19	252	44035	0.837	ng	#	92
37) Benzo(a)pyrene	23.80	252	38843	0.784	ng	#	91
38) Dibenzo(a,h)anthracene	26.57	278	38057	0.813	ng	#	89
39) Benzo(g,h,i)perylene	27.36	276	38196	0.813	ng	#	91

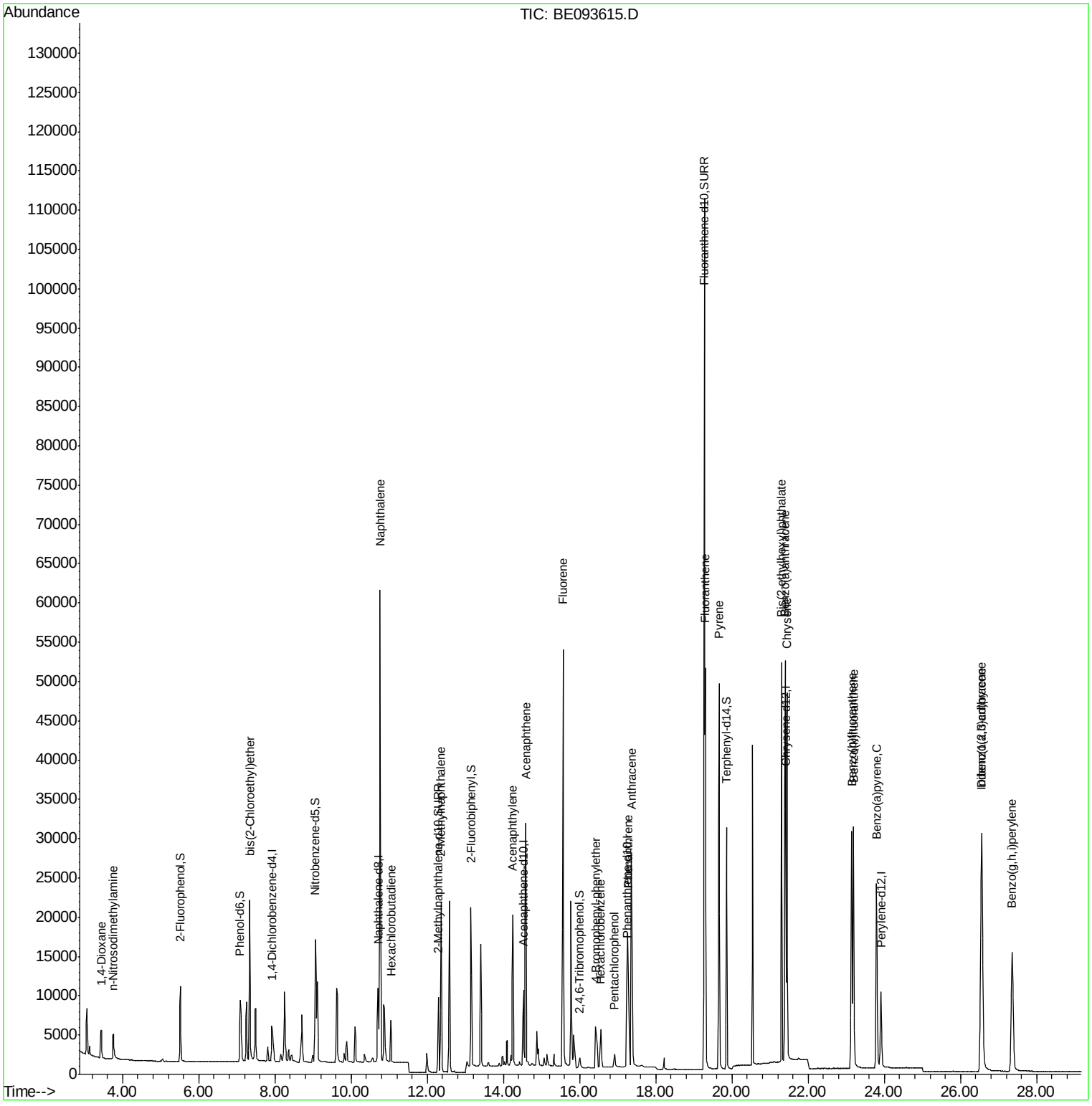
(#) = qualifier out of range (m) = manual integration (+) = signals summed

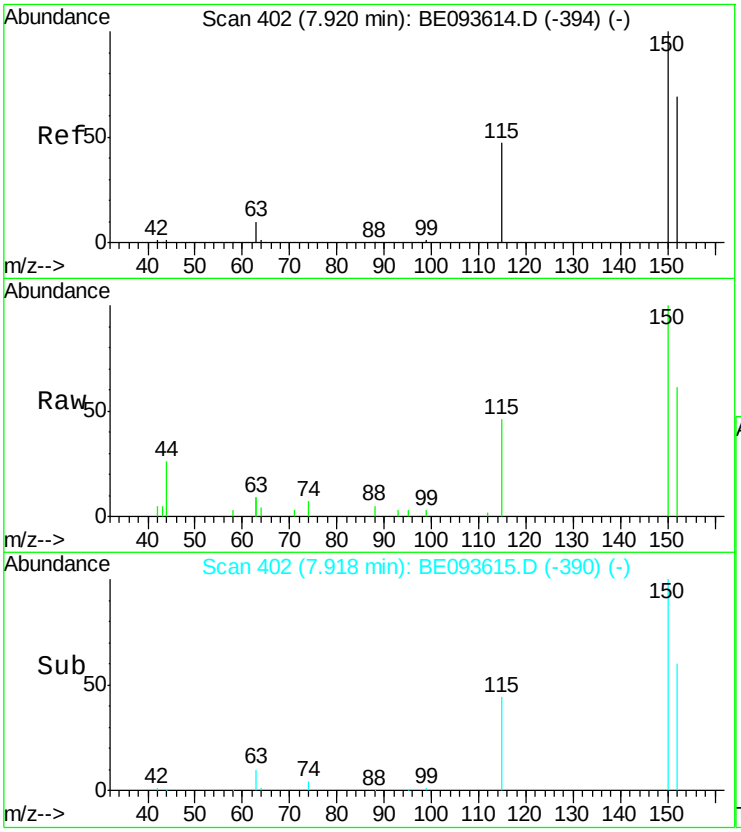
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
Data File : BE093615.D
Acq On : 1 Aug 2017 14:14
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 01 14:52:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 01 14:41:34 2017
Response via : Initial Calibration



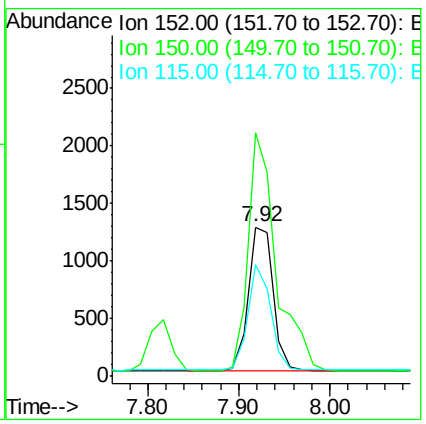


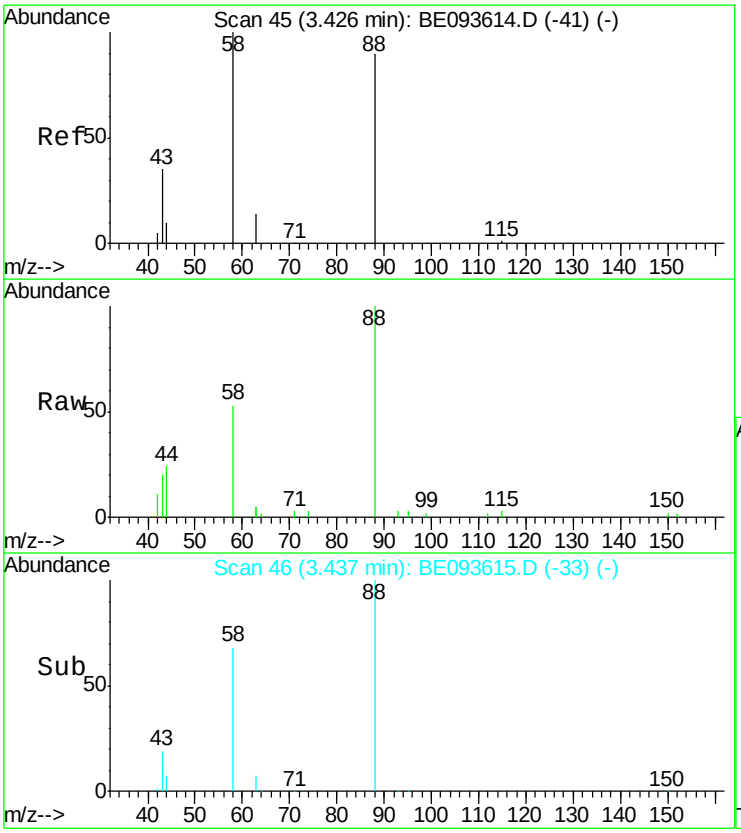
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 2338

Ion	Ratio	Lower	Upper
152	100		
150	162.9	125.1	187.7
115	74.5	55.7	83.5

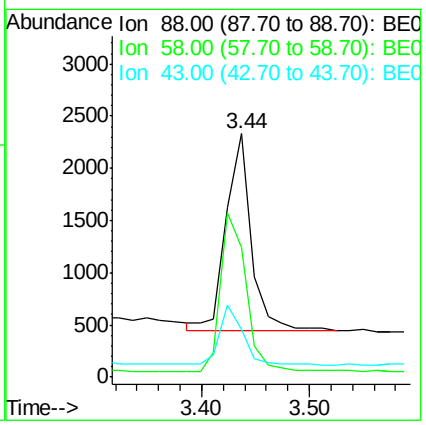


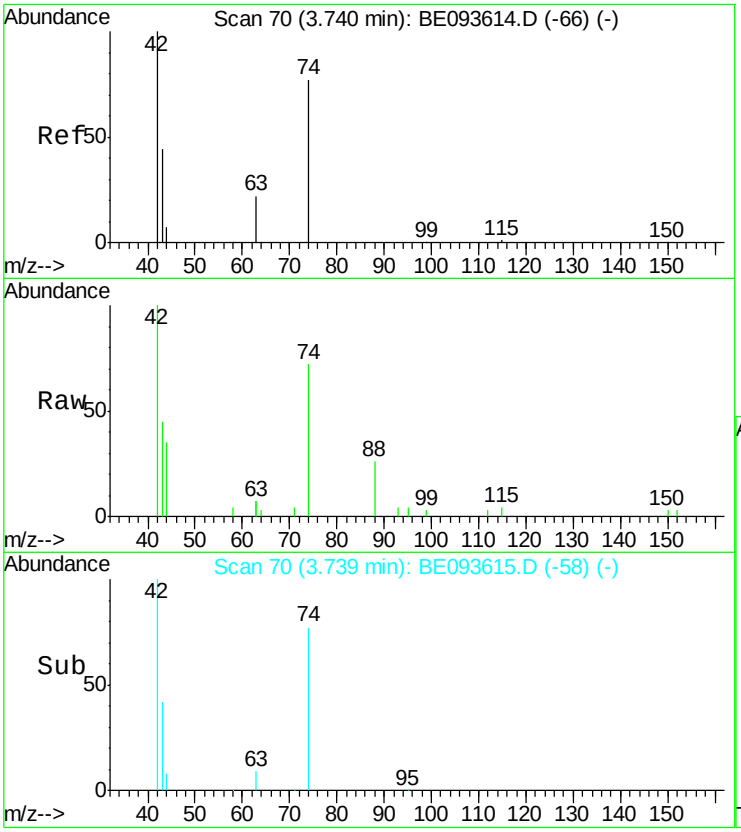


#2
1,4-Dioxane
Concen: 0.786 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion: 88 Resp: 3052

Ion	Ratio	Lower	Upper
88	100		
58	80.2	62.2	93.4
43	27.9	23.2	34.8



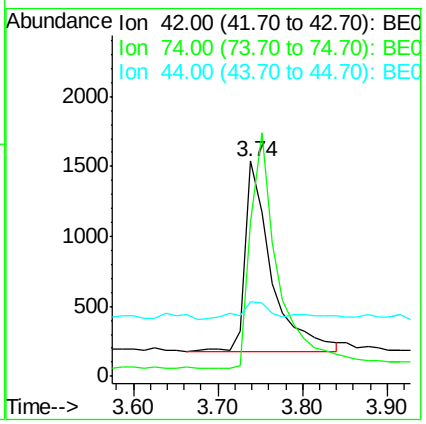


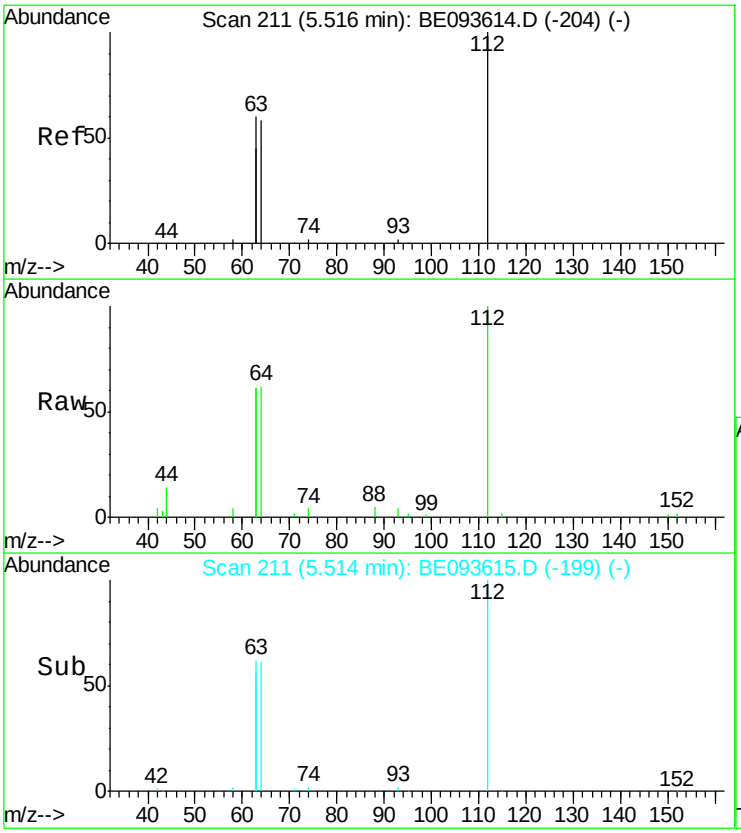
#3
n-Nitrosodimethylamine
Concen: 0.772 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 2966

Ion	Ratio	Lower	Upper
42	100		
74	127.7	99.1	148.7
44	9.5	7.4	11.2

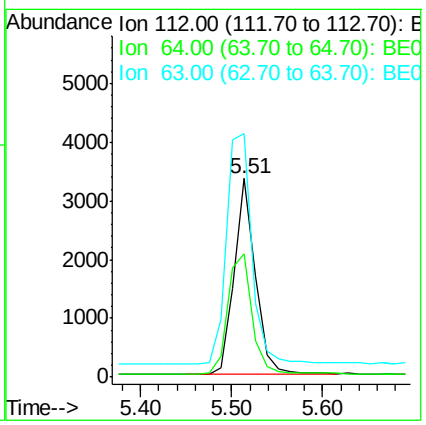


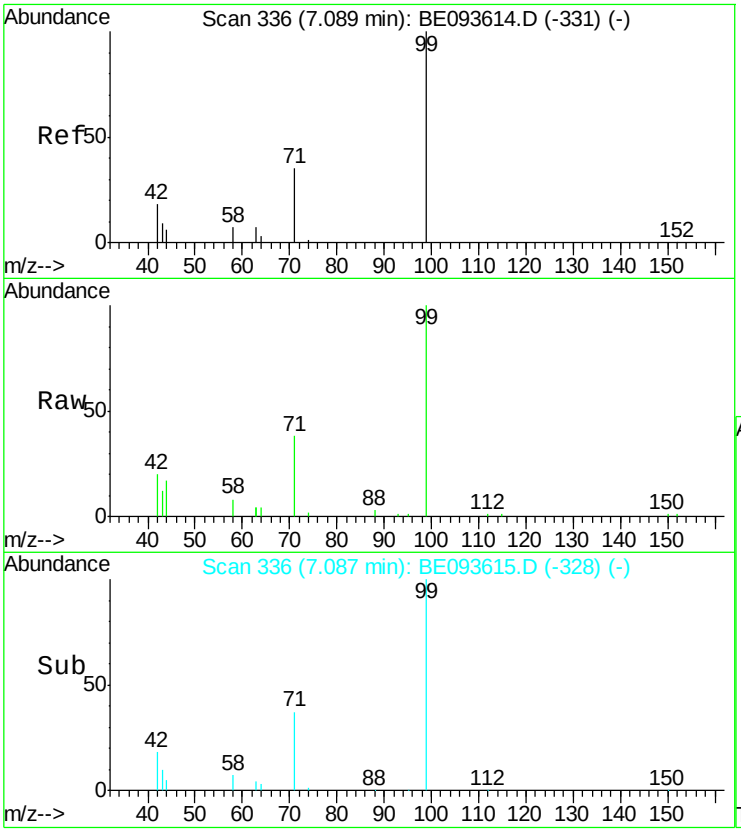


#4
2-Fluorophenol
Concen: 0.663 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:112 Resp: 5382

Ion	Ratio	Lower	Upper
112	100		
64	70.7	56.4	84.6
63	141.4	29.3	43.9#



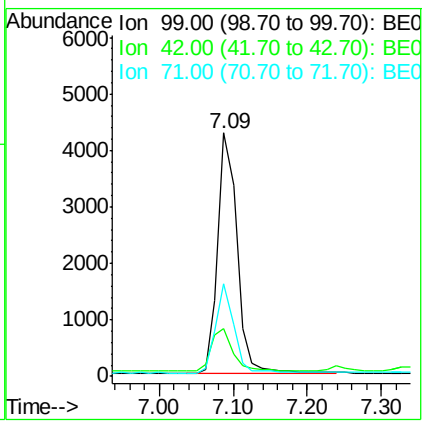


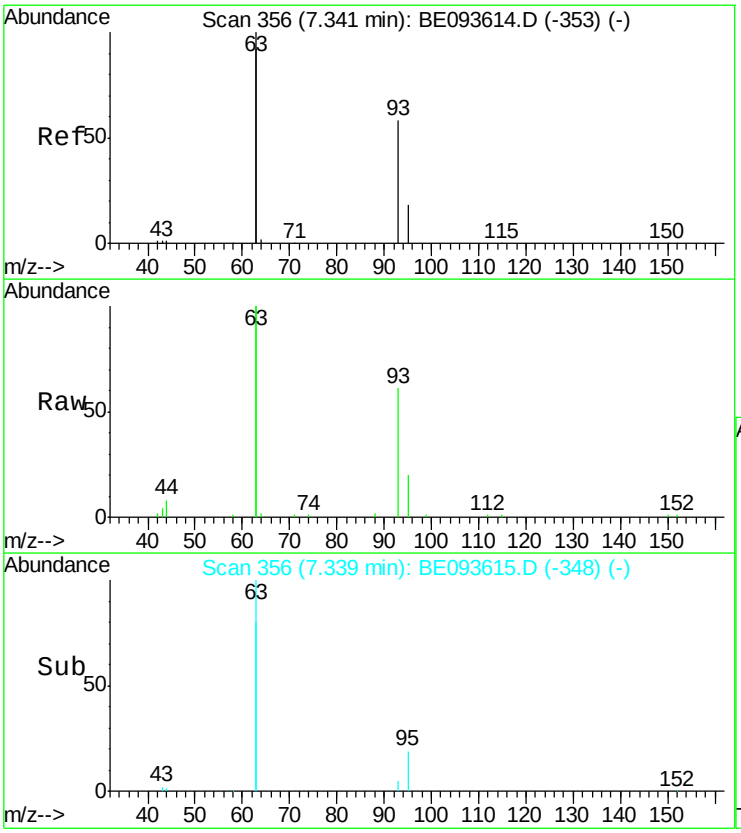
#5
Phenol-d6
Concen: 0.684 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 7780

Ion	Ratio	Lower	Upper
99	100		
42	20.0	0.0	0.0#
71	34.5	0.0	0.0#

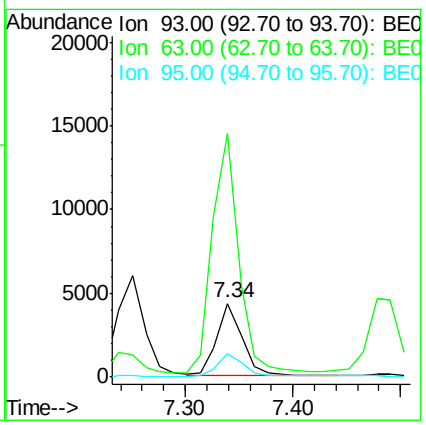


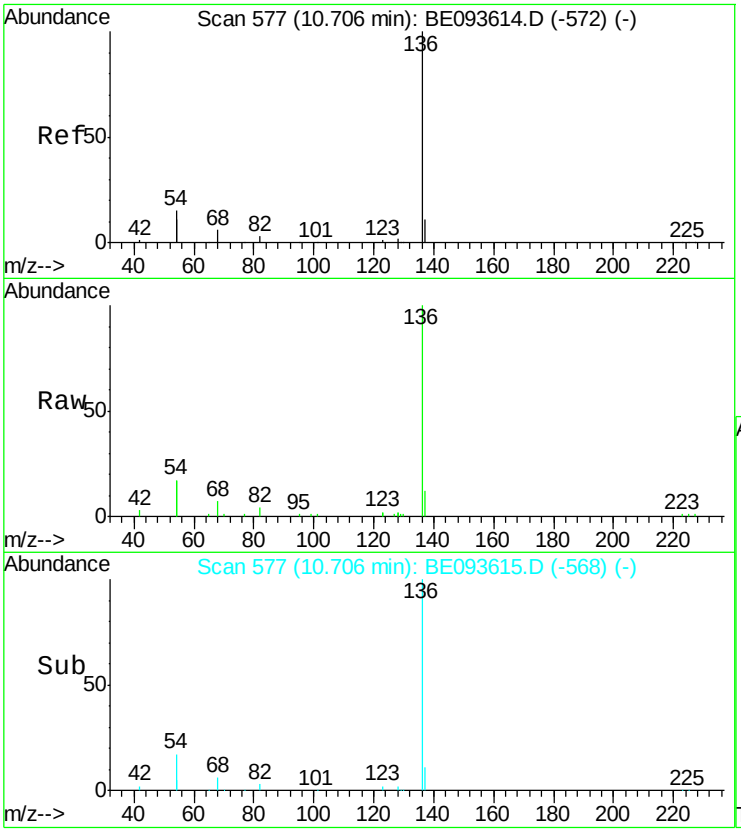


#6
bis(2-Chloroethyl)ether
Concen: 0.768 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion: 93 Resp: 6949

Ion	Ratio	Lower	Upper
93	100		
63	346.3	0.0	0.0#
95	32.2	25.4	38.0



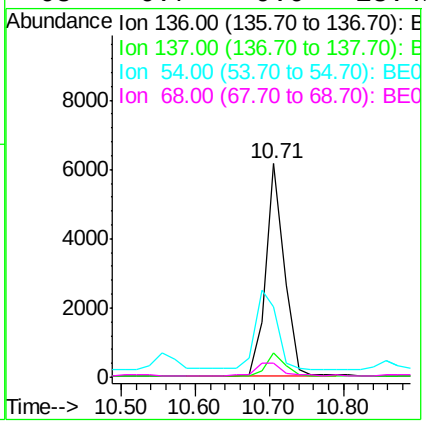


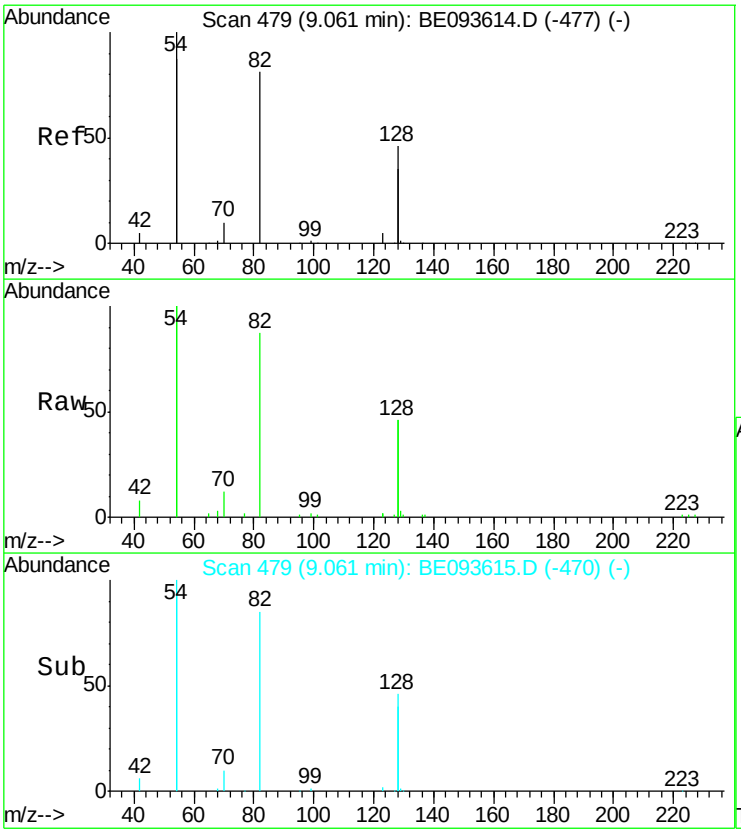
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 10633

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.8
54	33.1	10.3	15.5#
68	6.7	9.0	13.4#

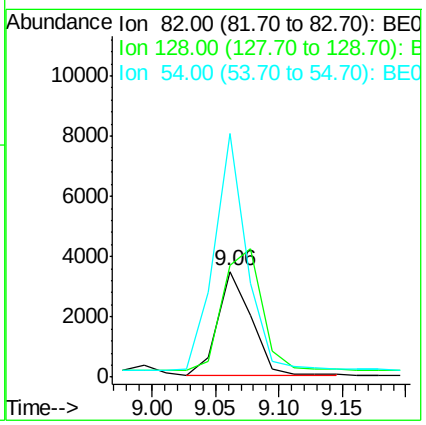


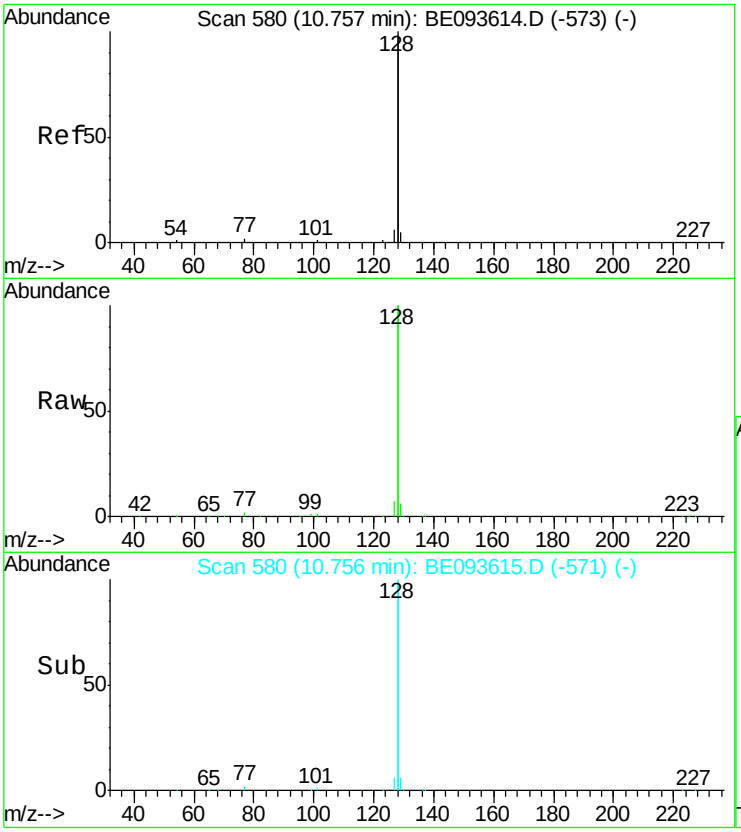


#8
Nitrobenzene-d5
Concen: 0.752 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion: 82 Resp: 6351

Ion	Ratio	Lower	Upper
82	100		
128	105.2	17.0	25.4#
54	230.5	53.8	80.6#



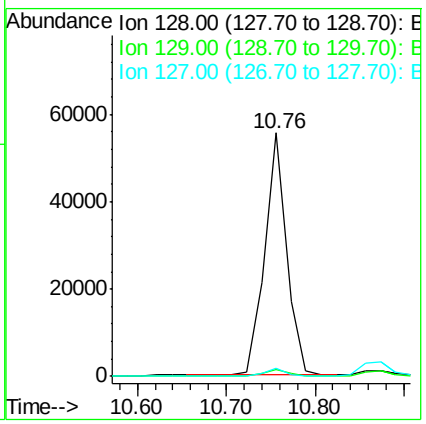


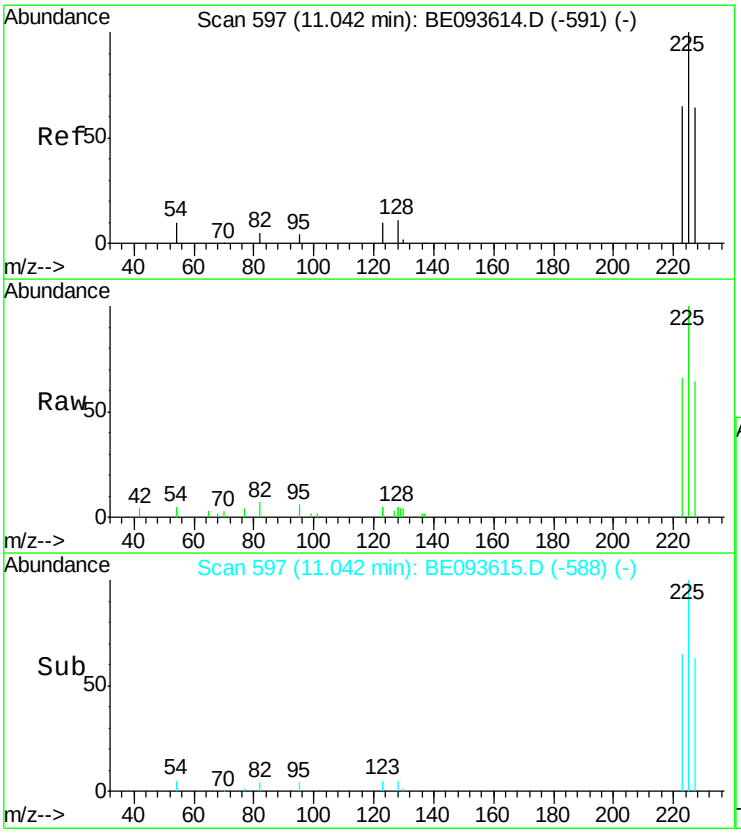
#9
Naphthalene
Concen: 0.781 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 96709

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.3	2.4	3.6

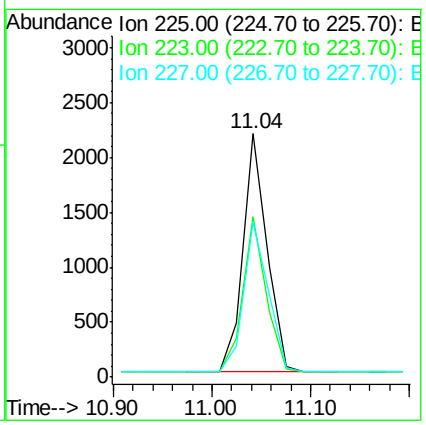


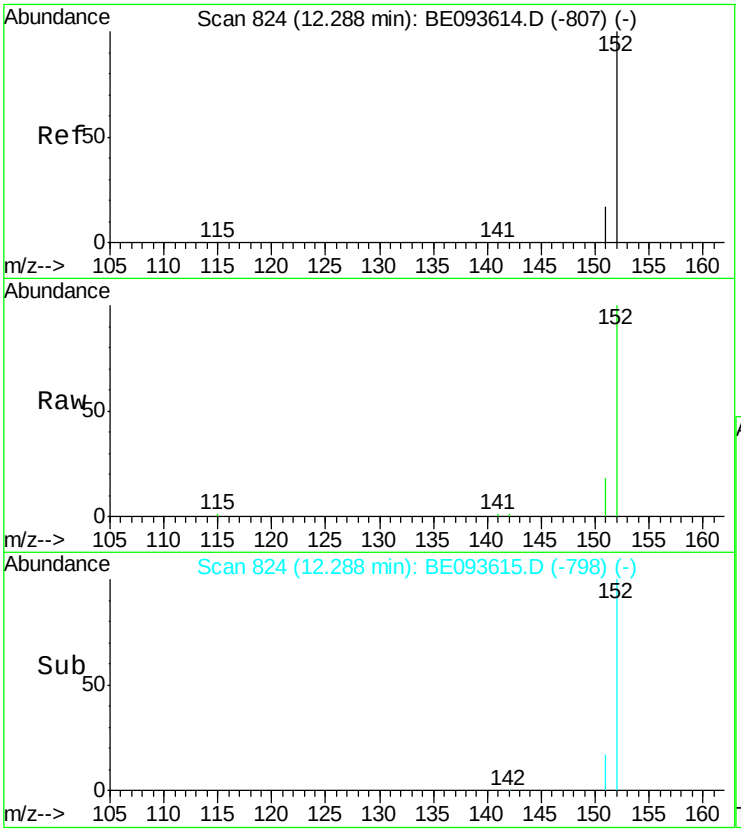


#10
Hexachlorobutadiene
Concen: 0.760 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:225 Resp: 3658

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	64.6	50.3	75.5



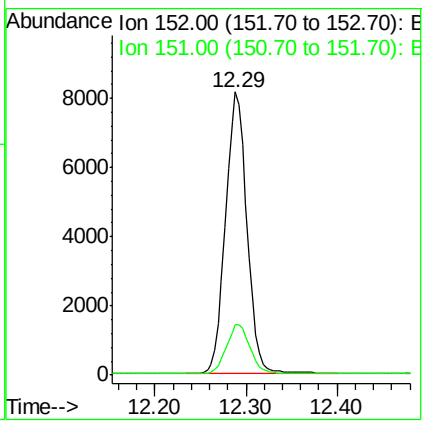


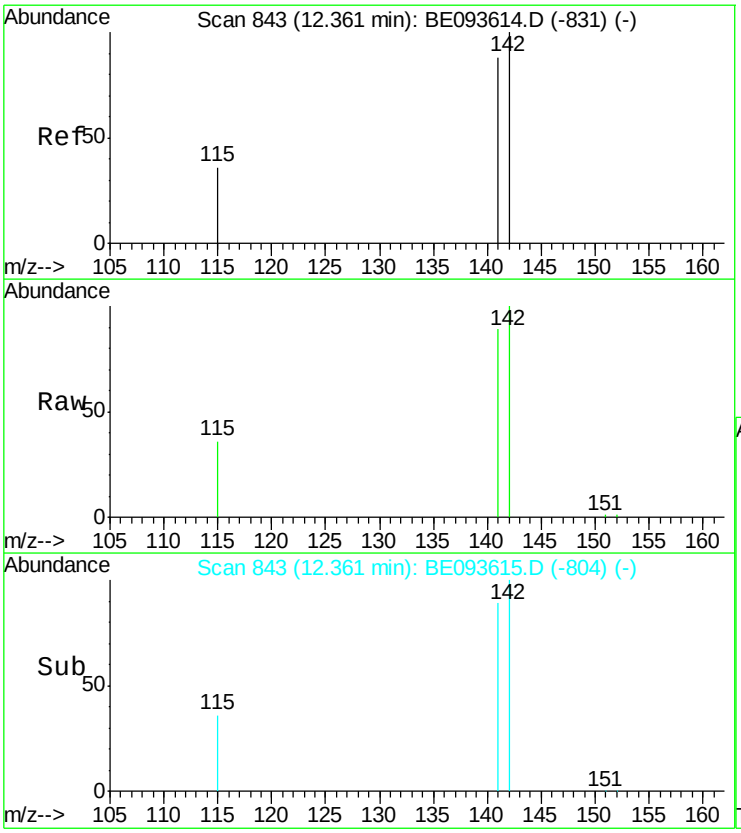
#11
2-Methylnaphthalene-d10
Concen: 0.777 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 13366

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

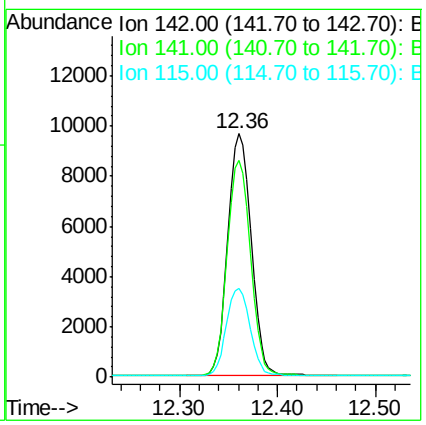


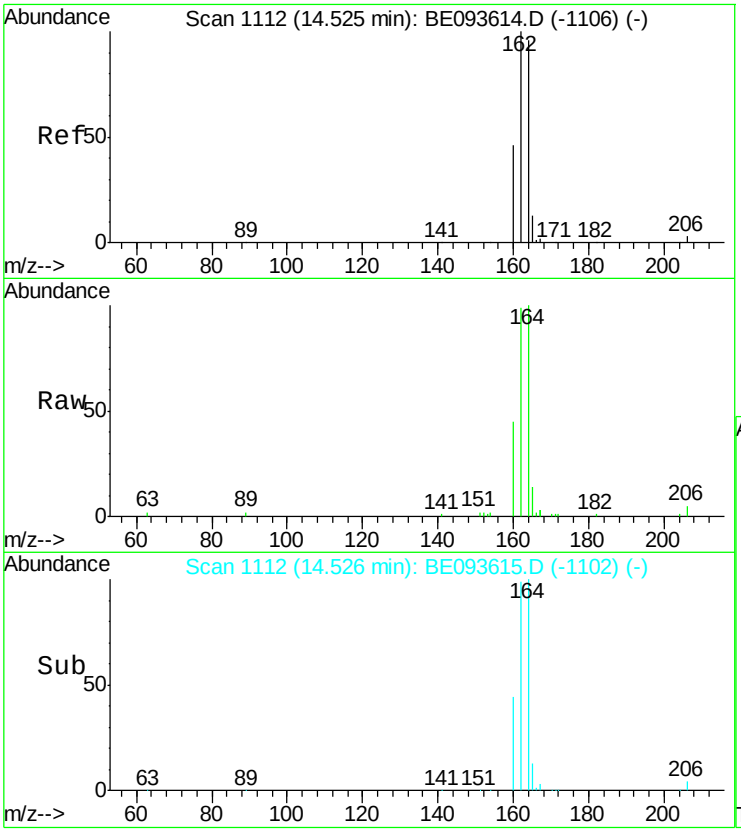


#12
2-Methylnaphthalene
Concen: 0.771 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:142 Resp: 16012

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8
115	36.5	32.2	48.2



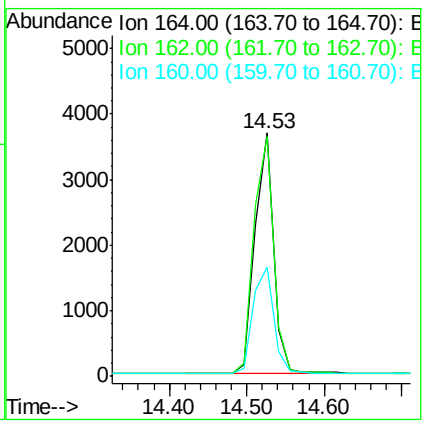


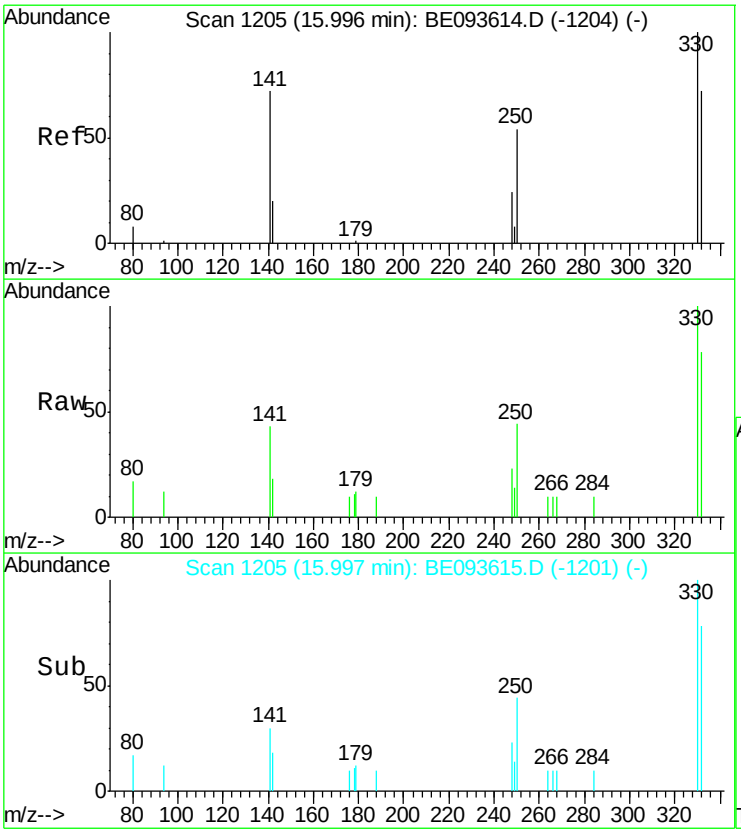
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 6082

Ion	Ratio	Lower	Upper
164	100		
162	98.7	84.6	127.0
160	45.0	41.8	62.6

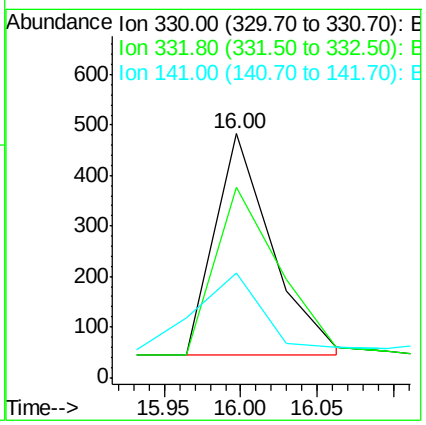


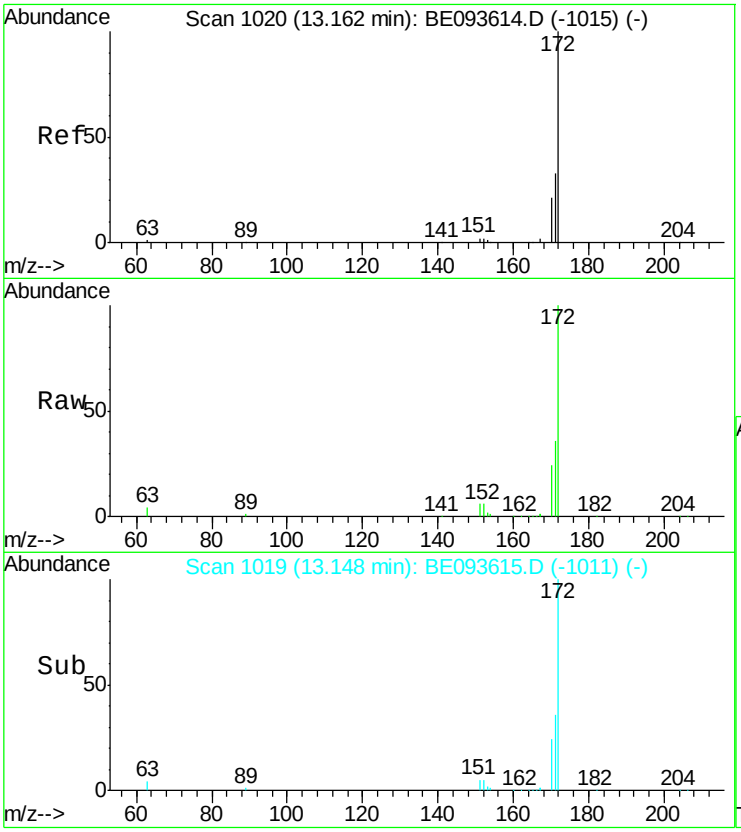


#14
2,4,6-Tribromophenol
Concen: 0.513 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:330 Resp: 1134

Ion	Ratio	Lower	Upper
330	100		
332	86.1	77.7	116.5
141	39.7	56.2	84.4#



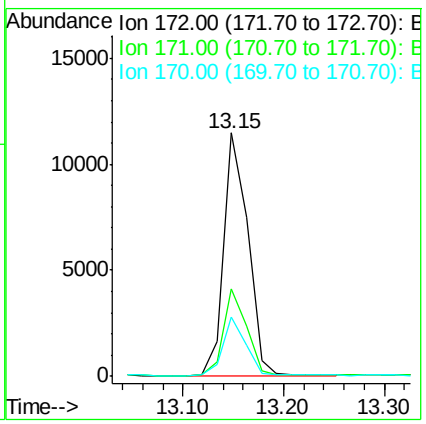


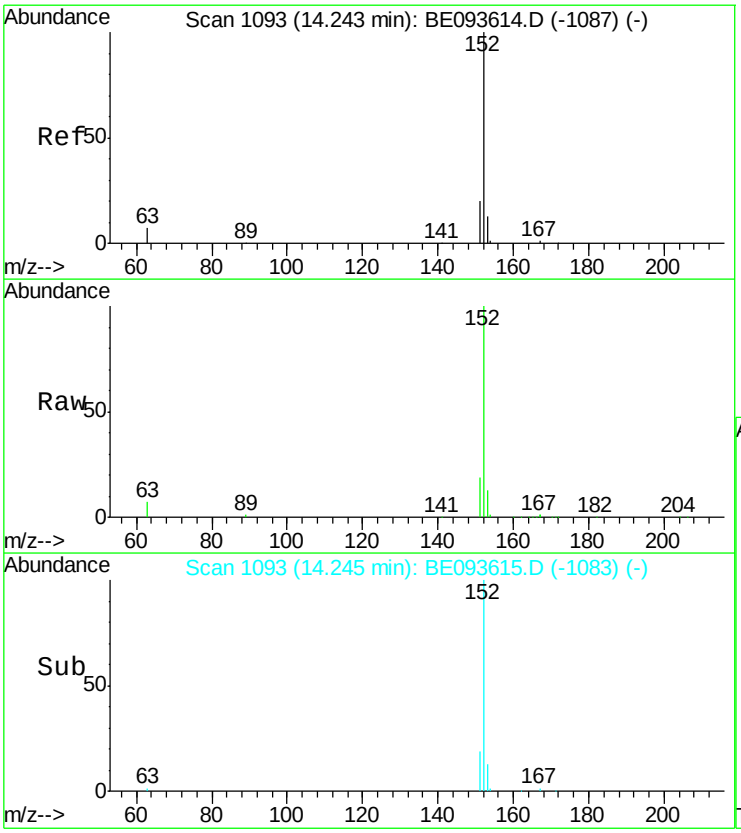
#15
2-Fluorobiphenyl
Concen: 0.800 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 19139

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.3	20.7	31.1

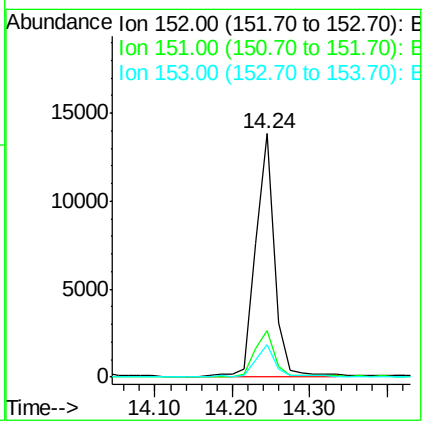


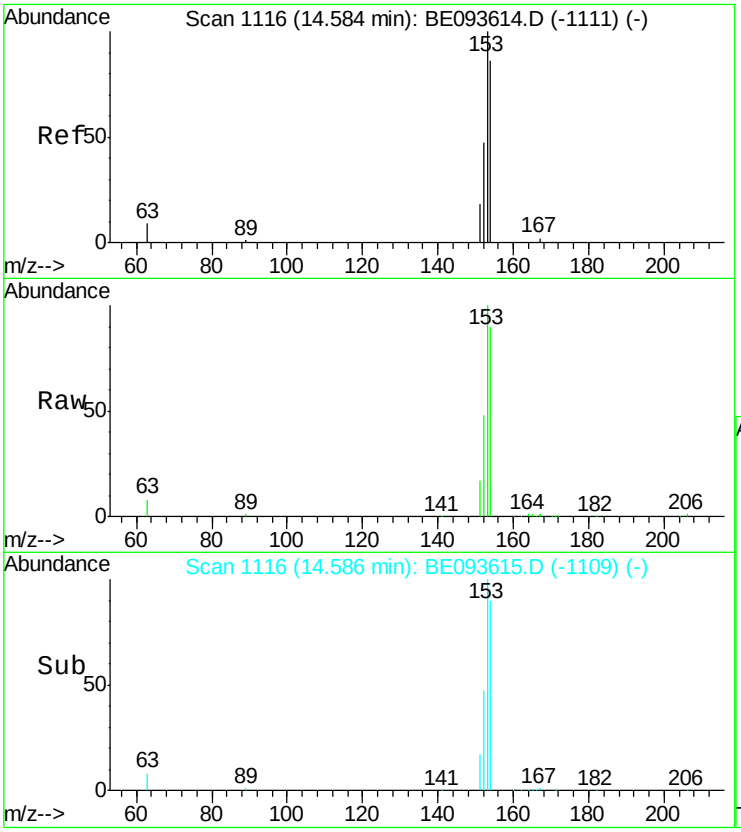


#16
Acenaphthylene
Concen: 0.752 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:152 Resp: 23048

Ion	Ratio	Lower	Upper
152	100		
151	19.1	4.0	6.0#
153	13.1	10.3	15.5



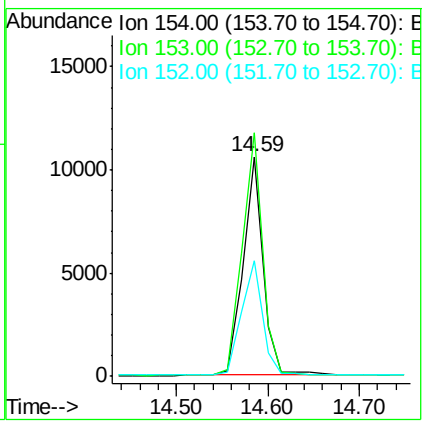


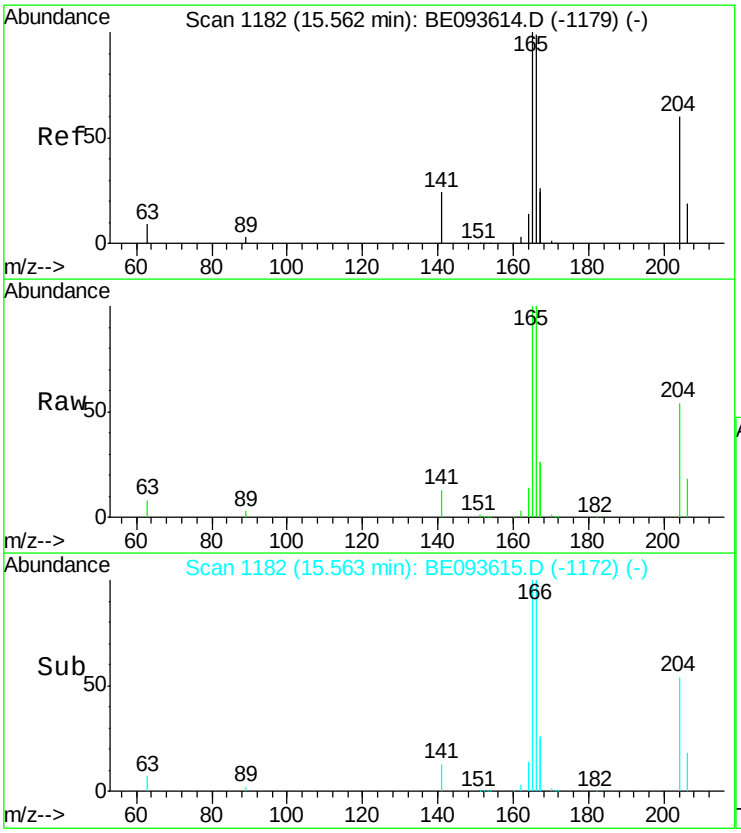
#17
Acenaphthene
Concen: 0.779 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 16202

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.2	136.8
152	55.2	44.8	67.2

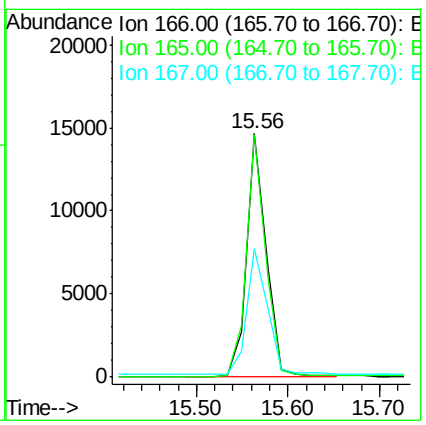


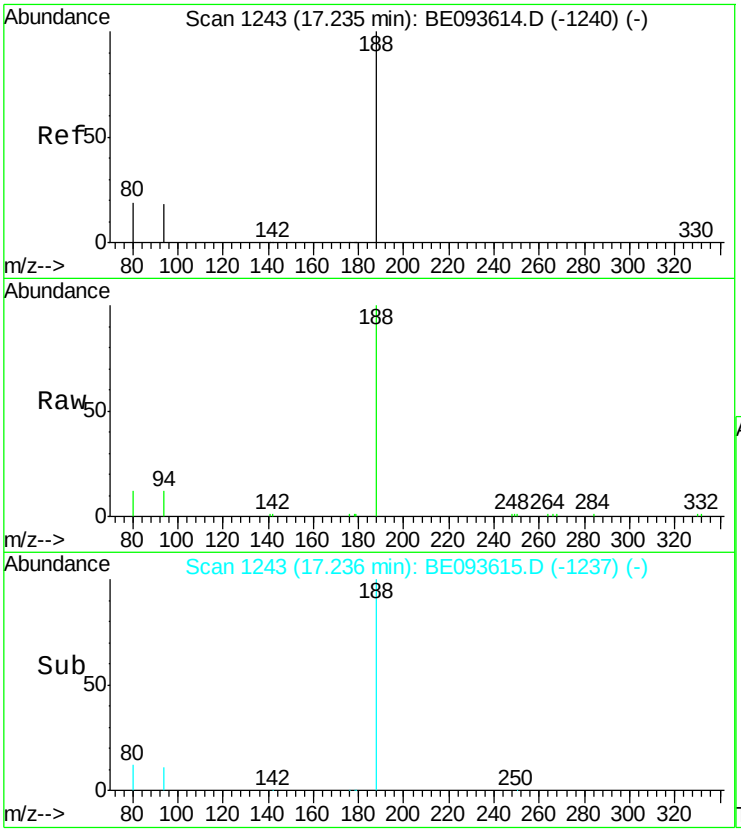


#18
Fluorene
Concen: 0.738 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:166 Resp: 21606

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	54.4	11.1	16.7#



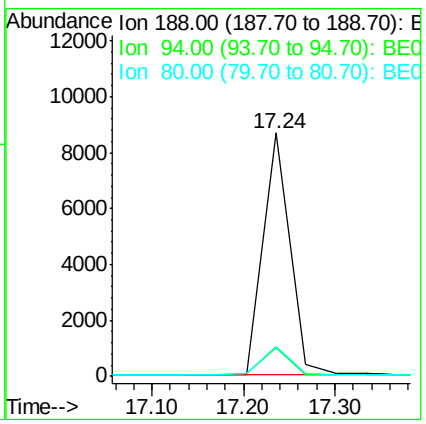


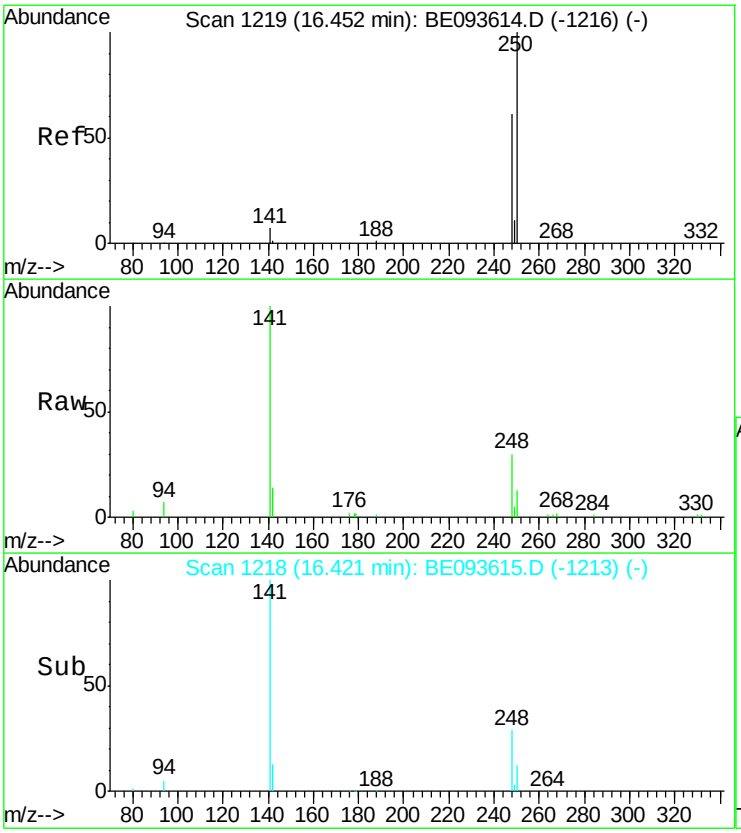
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 17782

Ion	Ratio	Lower	Upper
188	100		
94	11.9	11.3	16.9
80	12.2	11.7	17.5

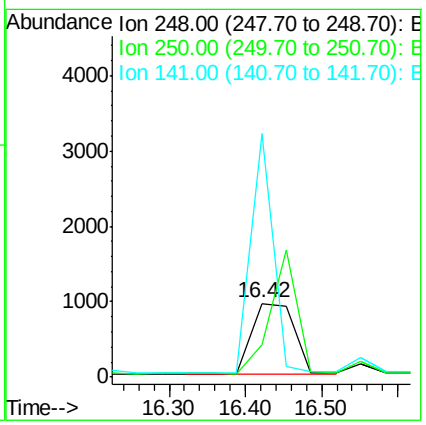


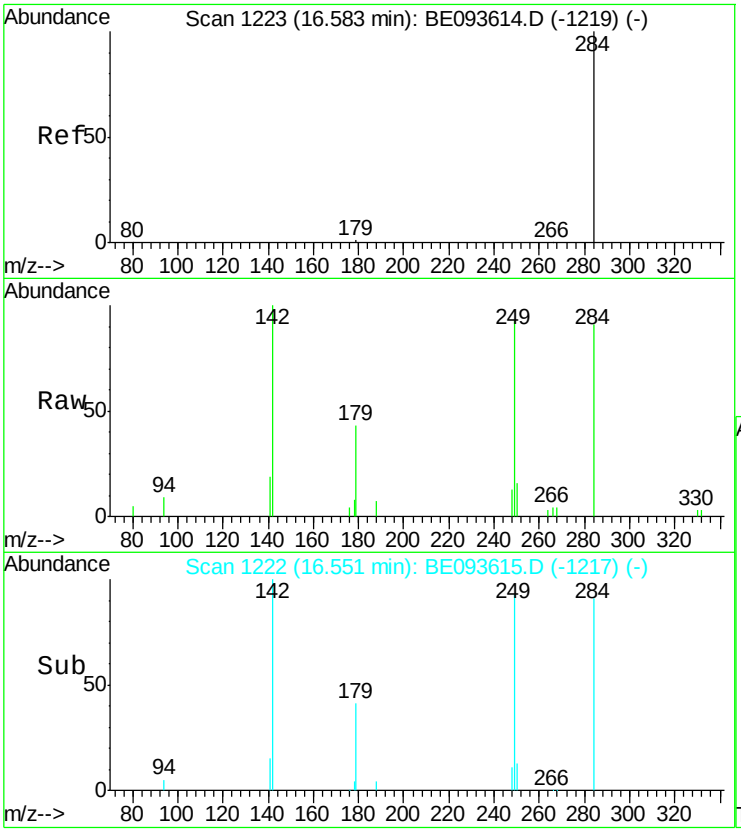


#20
4-Bromophenyl-phenylether
Concen: 0.525 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:248 Resp: 3639

Ion	Ratio	Lower	Upper
248	100		
250	44.5	128.0	192.0#
141	331.8	12.0	18.0#



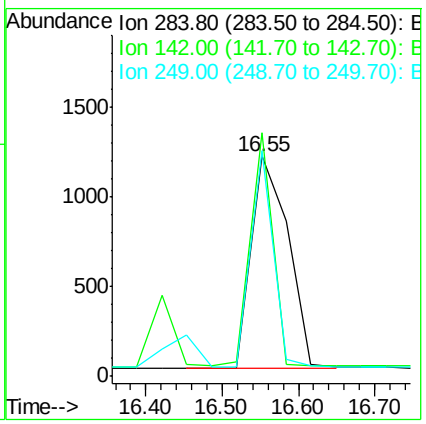


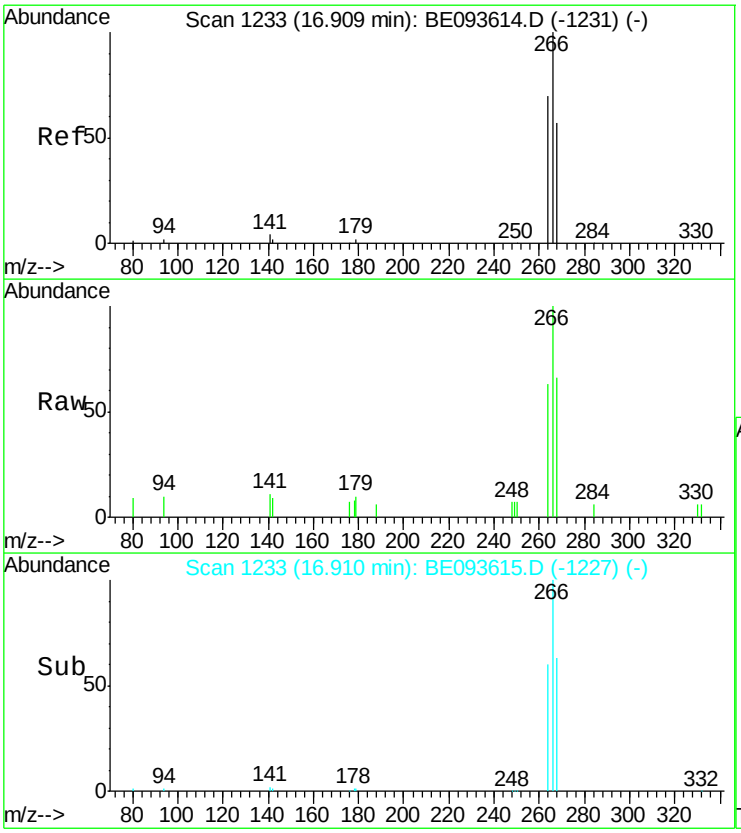
#21
Hexachlorobenzene
Concen: 0.595 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 3962

Ion	Ratio	Lower	Upper
284	100		
142	66.3	0.0	0.0#
249	61.9	0.0	0.0#

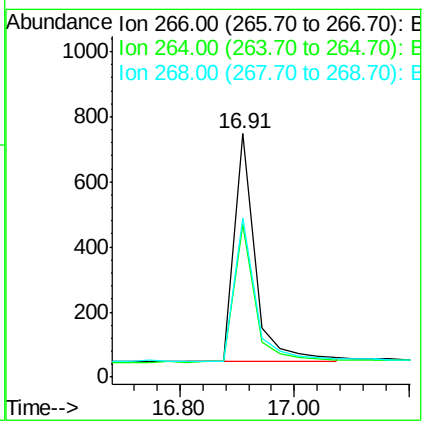


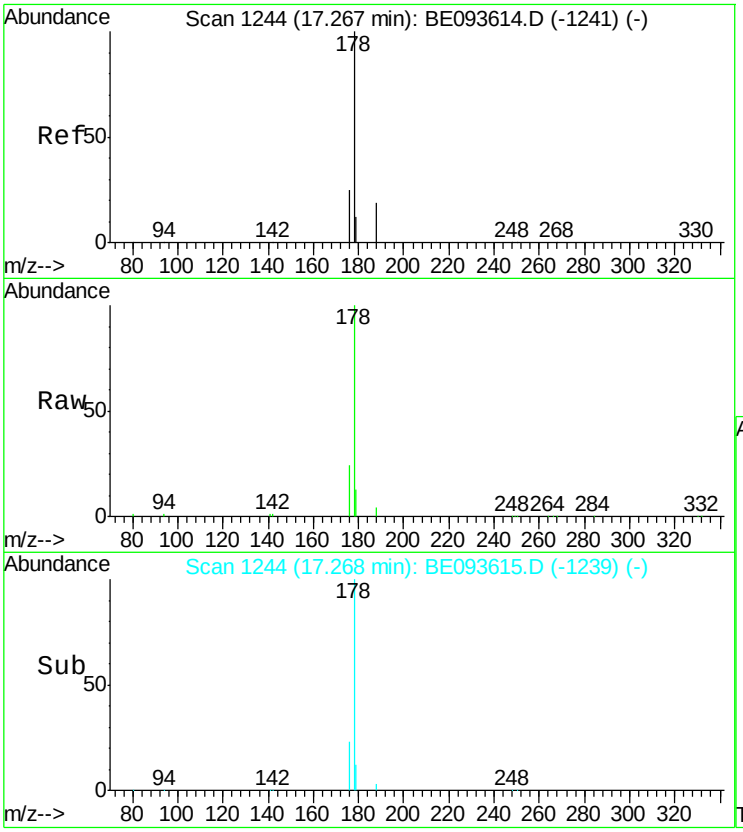


#22
Pentachlorophenol
Concen: 0.453 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:266 Resp: 1762

Ion	Ratio	Lower	Upper
266	100		
264	62.7	56.0	84.0
268	65.5	52.0	78.0



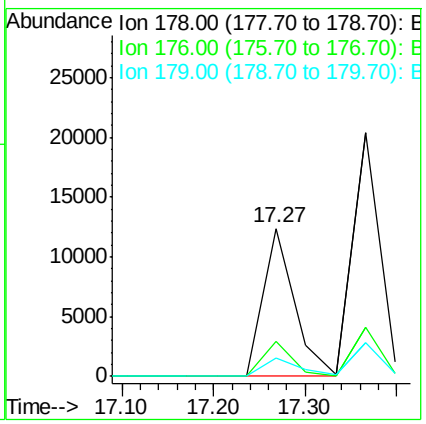


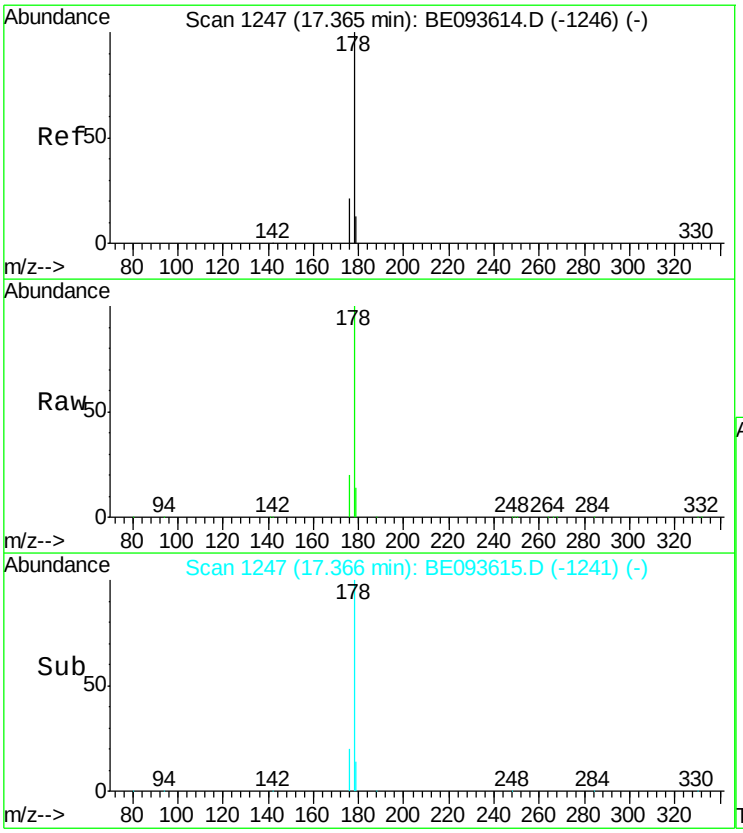
#23
Phenanthrene
Concen: 0.726 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 29282

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.0	22.4
179	0.0	12.7	19.1#

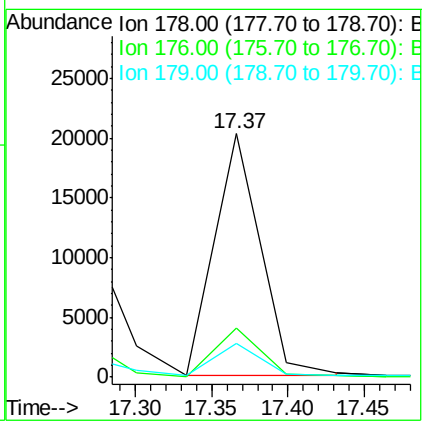


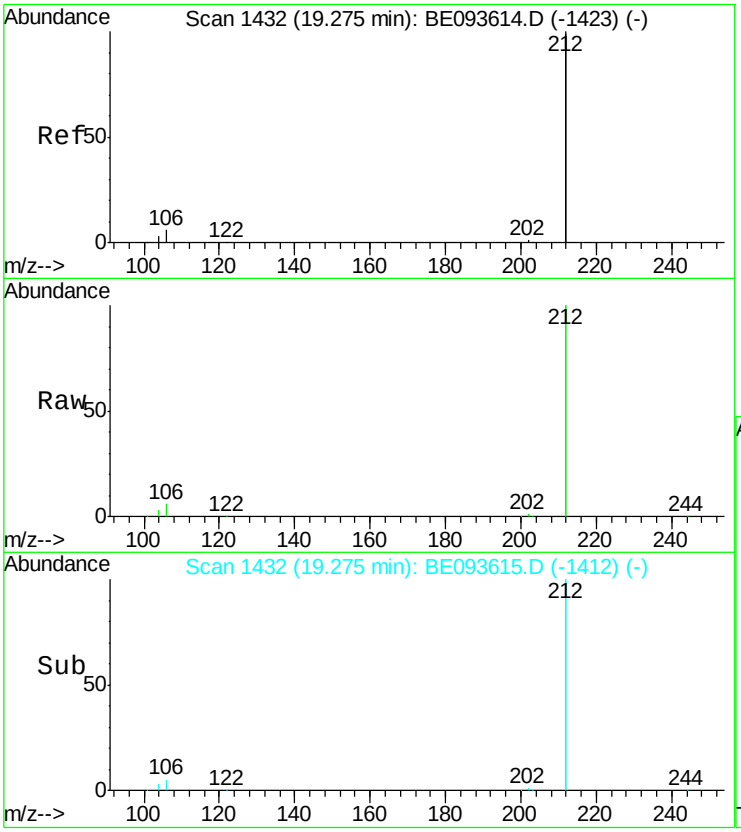


#24
Anthracene
Concen: 0.678 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:178 Resp: 41826

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.6	22.0
179	23.4	12.0	18.0#



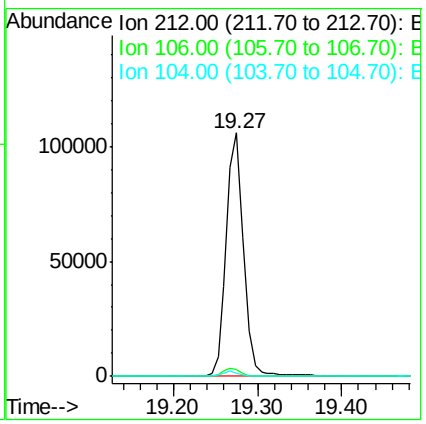


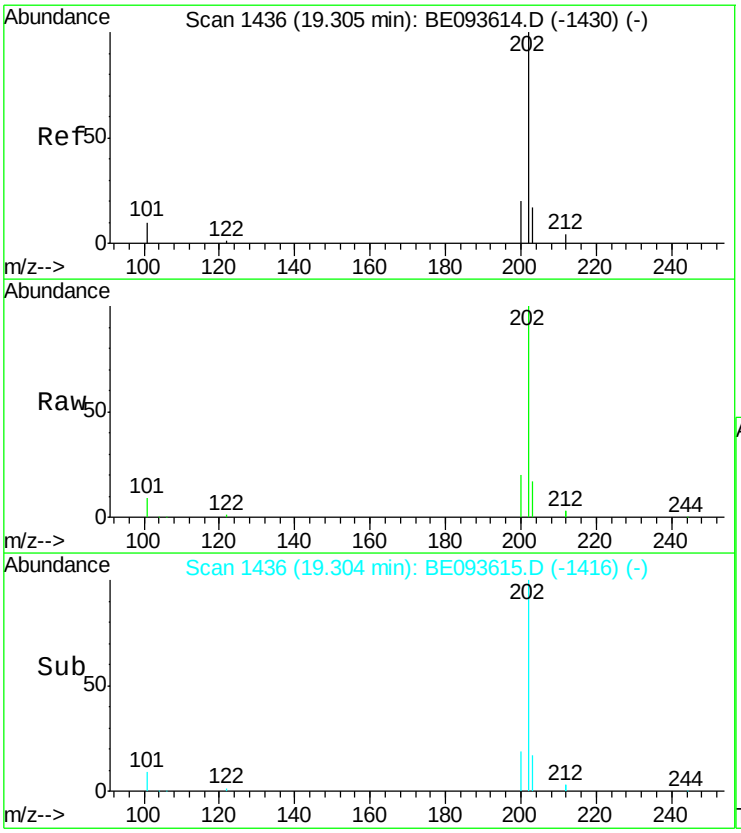
#25
Fluoranthene-d10
Concen: 0.527 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 149218

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

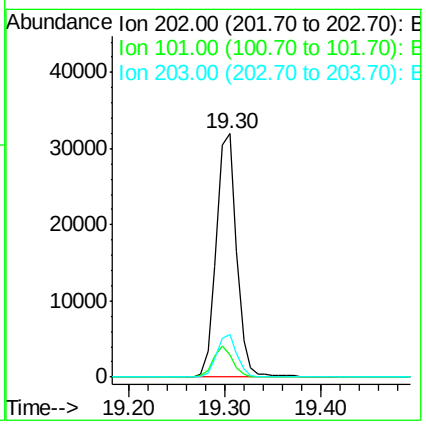


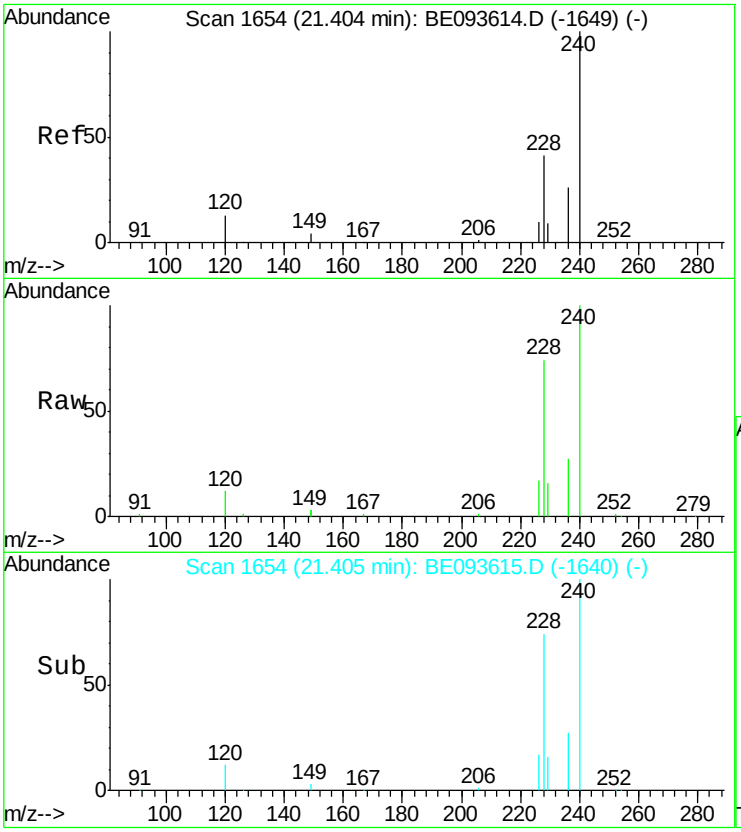


#26
Fluoranthene
Concen: 0.536 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:202 Resp: 46074

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	17.2	14.4	21.6



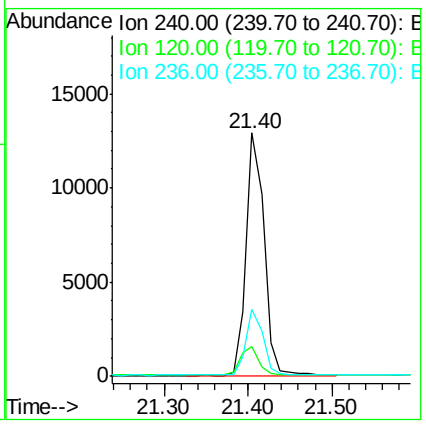


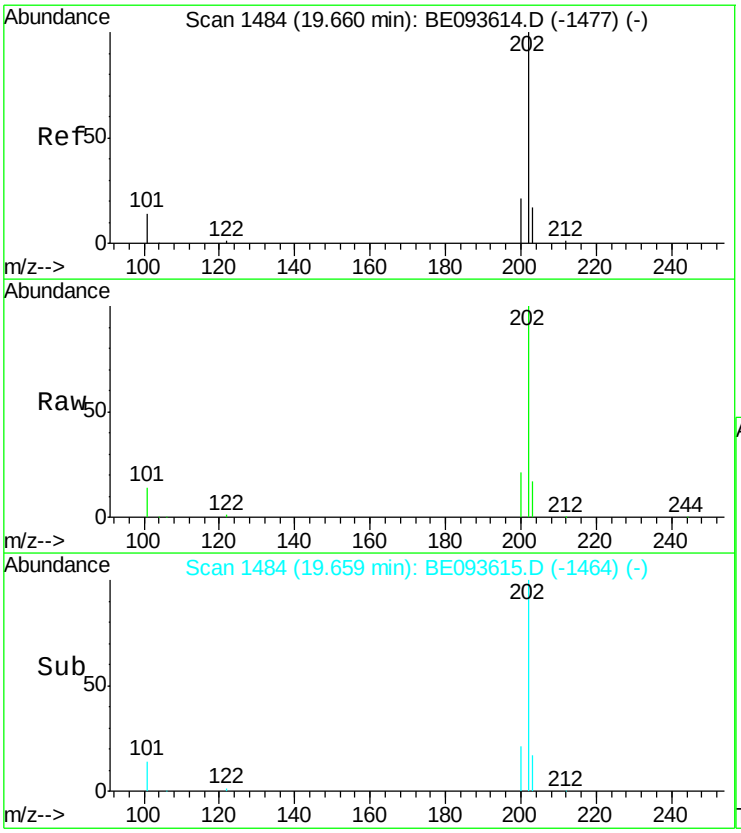
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 18949

Ion	Ratio	Lower	Upper
240	100		
120	12.3	4.6	7.0#
236	27.4	20.8	31.2

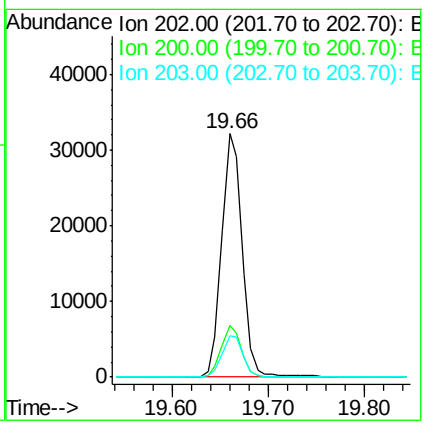


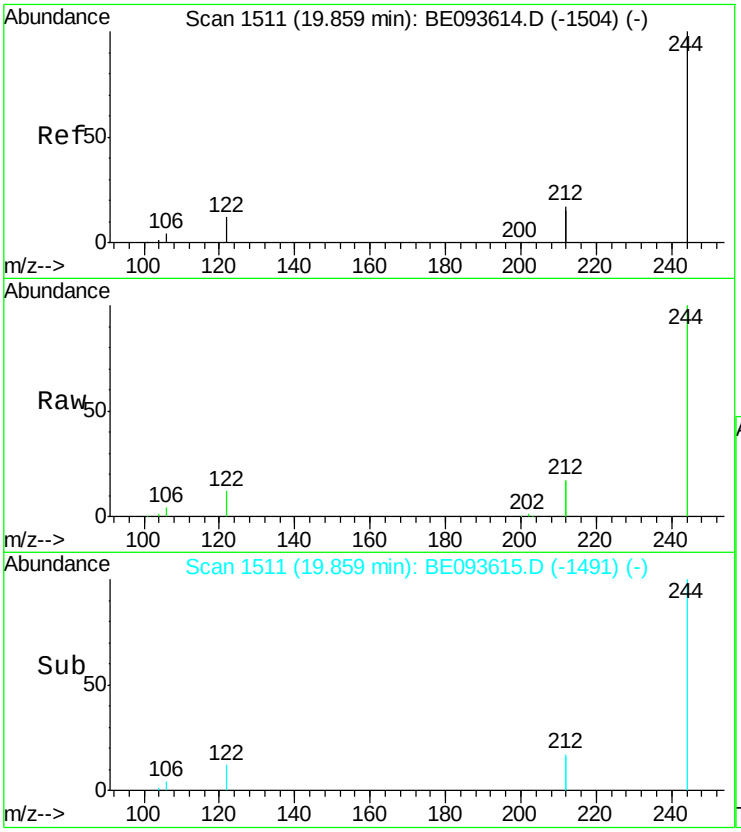


#28
Pyrene
Concen: 0.769 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:202 Resp: 47198

Ion	Ratio	Lower	Upper
202	100		
200	20.6	0.0	0.0#
203	17.5	13.7	20.5



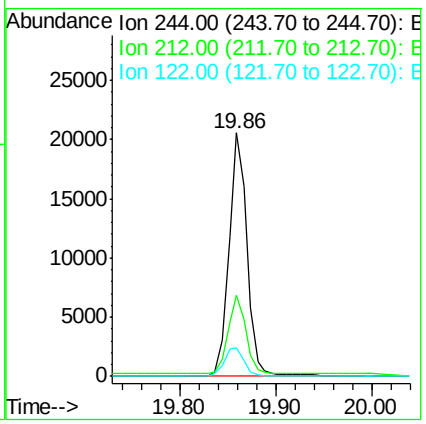


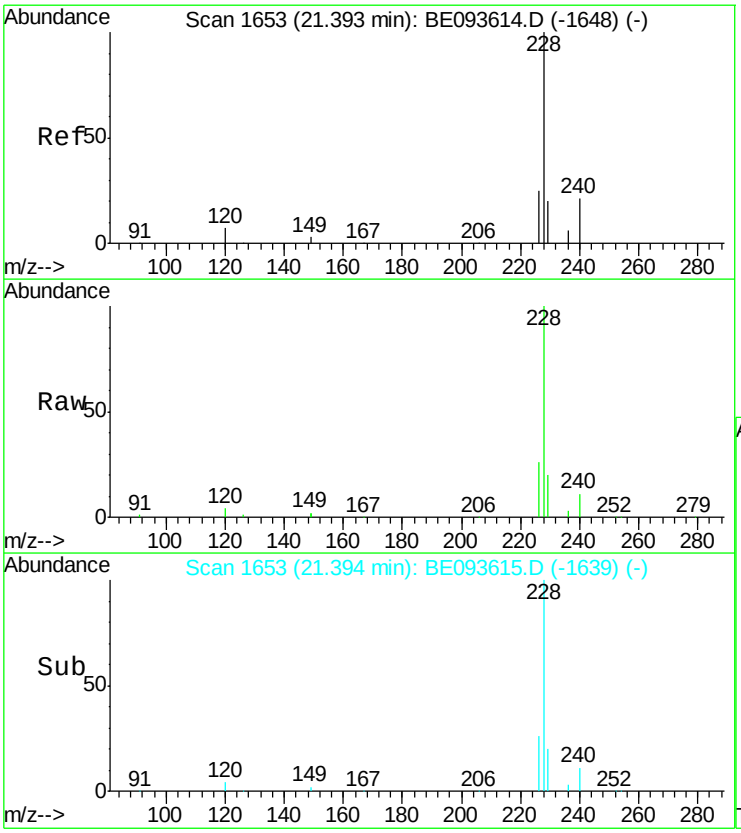
#29
Terphenyl-d14
Concen: 0.770 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 26544

Ion	Ratio	Lower	Upper
244	100		
212	33.3	10.6	16.0#
122	11.8	15.4	23.0#

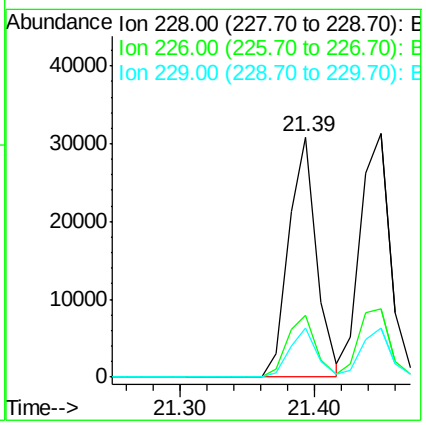


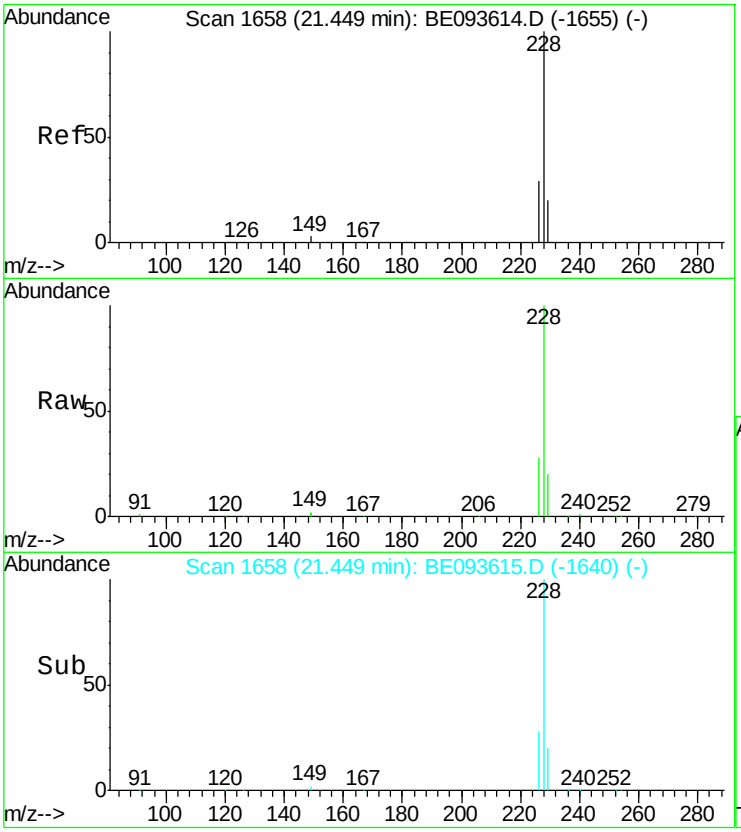


#30
Benzo(a)anthracene
Concen: 0.725 ng
RT: 21.39 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:228 Resp: 44213

Ion	Ratio	Lower	Upper
228	100		
226	25.9	19.7	29.5
229	20.5	19.2	28.8



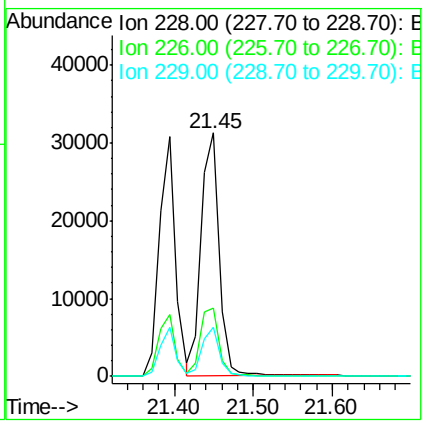


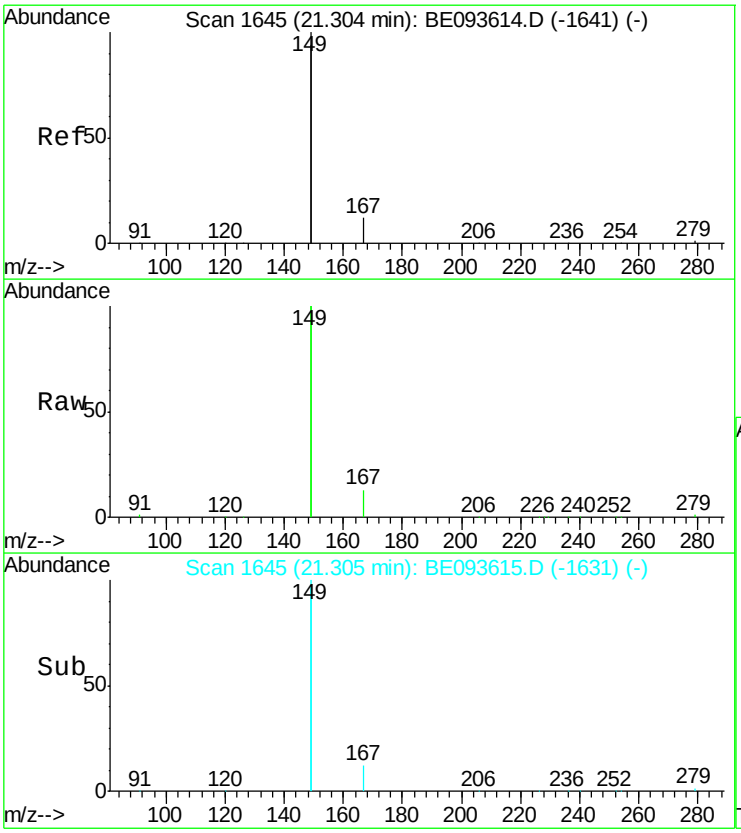
#31
Chrysene
Concen: 0.807 ng
RT: 21.45 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 48739

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.5	32.3
229	20.2	18.6	28.0

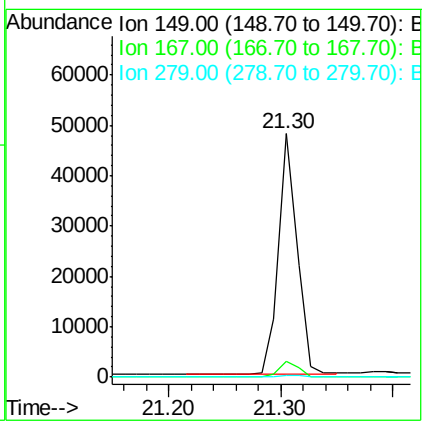


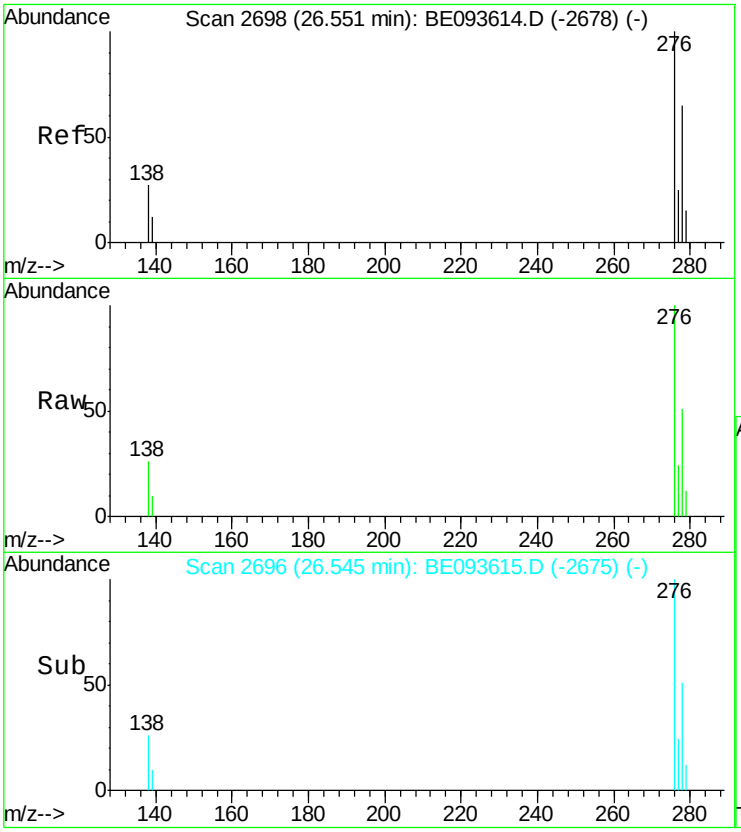


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.414 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:149 Resp: 54669

Ion	Ratio	Lower	Upper
149	100		
167	6.6	4.8	7.2
279	0.9	0.8	1.2



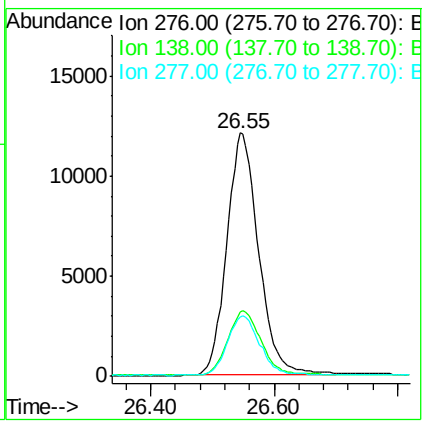


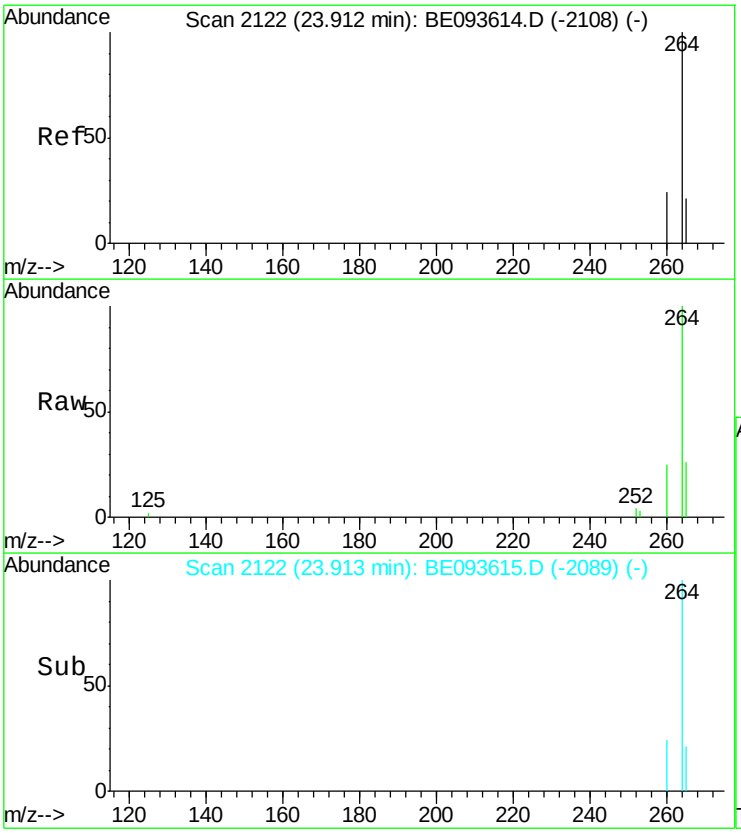
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.761 ng
RT: 26.55 min Scan# 2696
Delta R.T. -0.01 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 43497

Ion	Ratio	Lower	Upper
276	100		
138	27.8	27.4	41.2
277	25.1	20.1	30.1

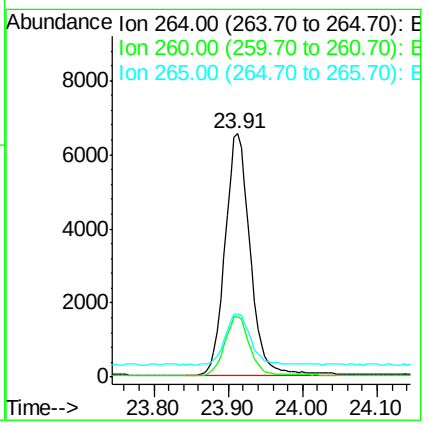


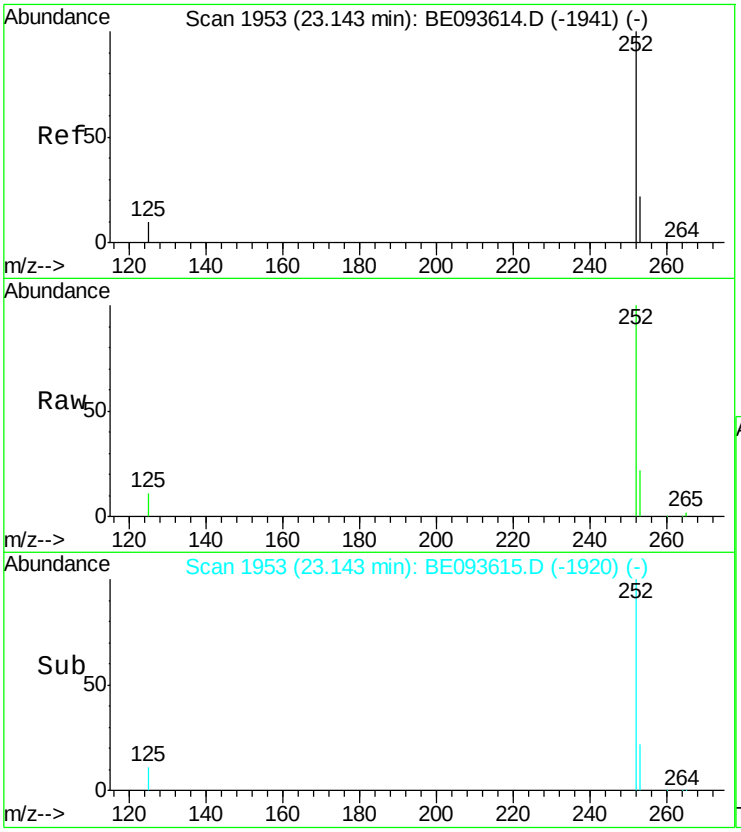


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:264 Resp: 15166

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.0	31.4
265	26.2	24.6	36.8



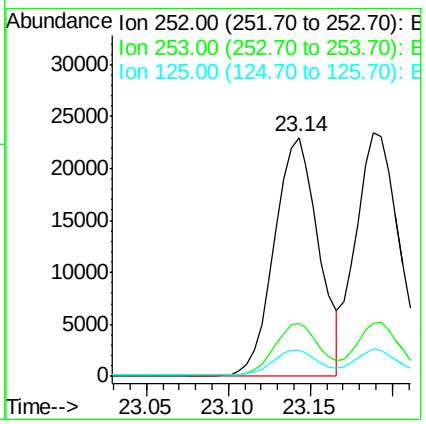


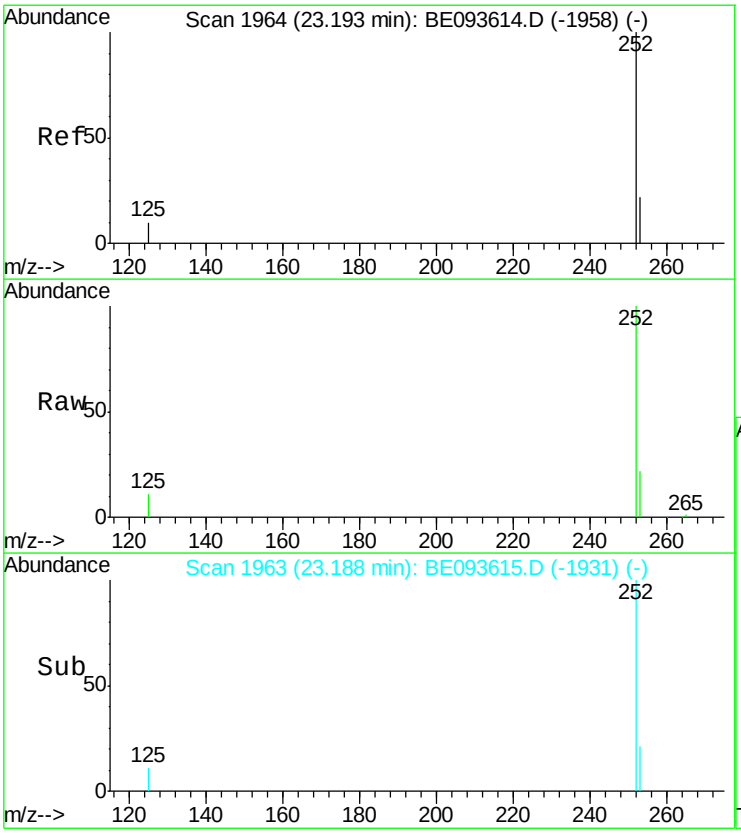
#35
Benzo(b)fluoranthene
Concen: 0.806 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 42914

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	11.0	13.4	20.0#

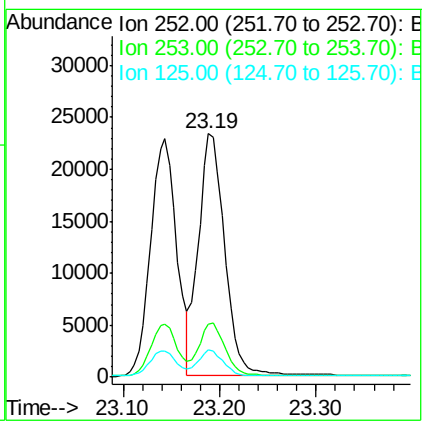


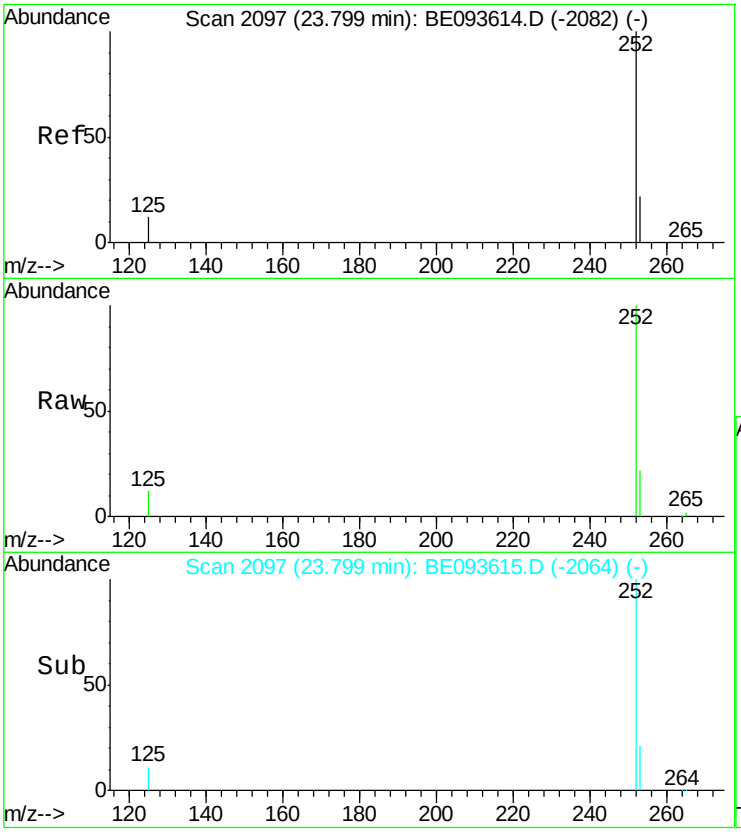


#36
Benzo(k)fluoranthene
Concen: 0.837 ng
RT: 23.19 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:252 Resp: 44035

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.3	30.5
125	11.0	12.2	18.4#



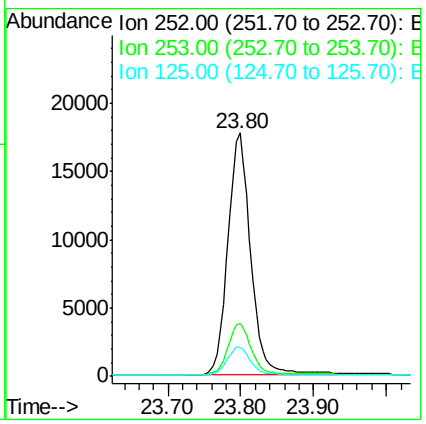


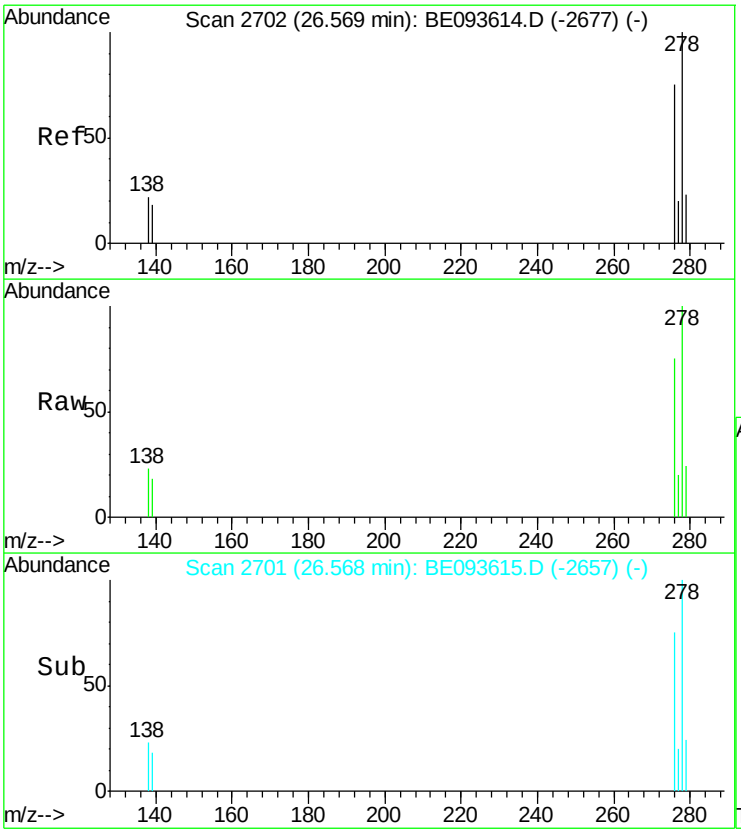
#37
Benzo(a)pyrene
Concen: 0.784 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 38843

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.9	29.9
125	11.9	14.6	21.8#

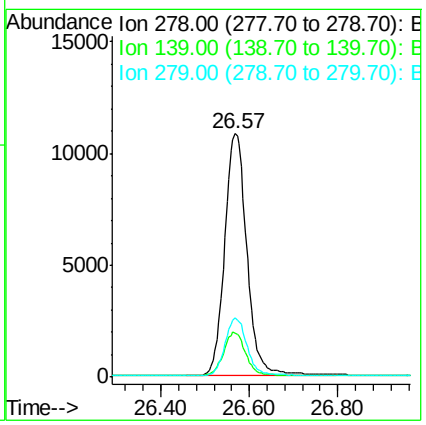


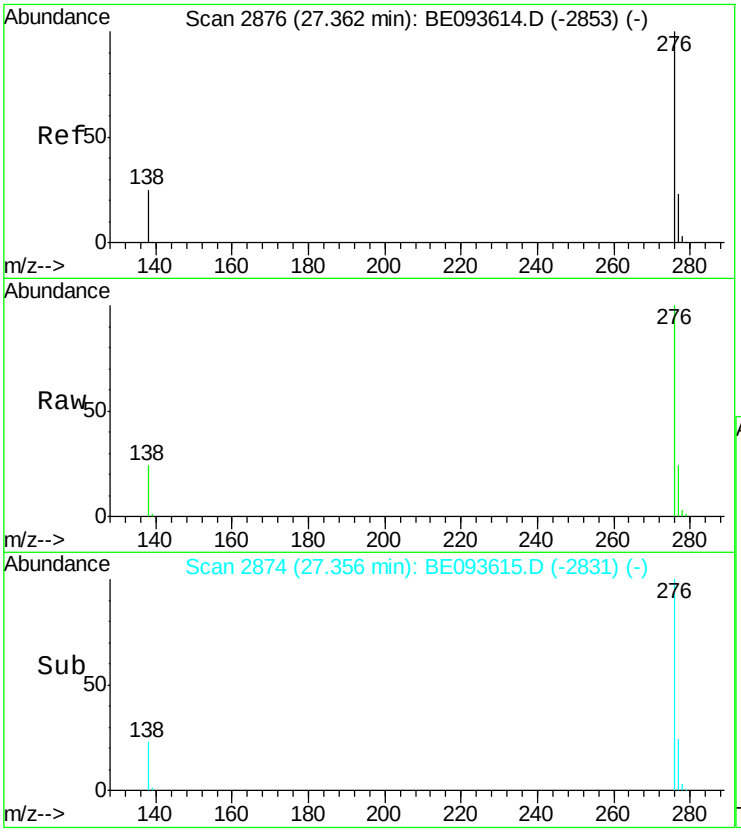


#38
Dibenzo(a,h)anthracene
Concen: 0.813 ng
RT: 26.57 min Scan# 2701
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion:278 Resp: 38057

Ion	Ratio	Lower	Upper
278	100		
139	18.2	21.4	32.0#
279	24.3	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.813 ng
RT: 27.36 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 38196

Ion	Ratio	Lower	Upper
276	100		
277	23.9	21.2	31.8
138	23.9	24.5	36.7#