Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082617\
Data File : BE093884.D
Acq On : 26 Aug 2017 10:57
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Aug 28 02:06:44 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	1923	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	10037	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	5432	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	13280	0.40	ng		0.00
27) Chrysene-d12	21.42	240	12527	0.40	ng		0.00
34) Perylene-d12	23.93	264	10246	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	4859	0.79	ng		0.00
5) Phenol-d6	7.10	99	7398	0.79	ng		0.00
8) Nitrobenzene-d5	9.06	82	6720	0.79	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	12759	0.79	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	1054	0.72	ng		-0.03
15) 2-Fluorobiphenyl	13.15	172	17423	0.82	ng		-0.01
25) Fluoranthene-d10	19.27	212	108677	0.72	ng		0.00
29) Terphenyl-d14	19.87	244	18168	0.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	1933	0.677	ng		92
3) n-Nitrosodimethylamine	3.74	42	2485	0.843	ng	#	98
6) bis(2-Chloroethyl)ether	7.34	93	5847	0.802	ng		96
9) Naphthalene	10.76	128	90851	0.791	ng		100
10) Hexachlorobutadiene	11.04	225	3212	0.762	ng		99
12) 2-Methylnaphthalene	12.36	142	15170	0.786	ng		100
16) Acenaphthylene	14.24	152	22108	0.816	ng		99
17) Acenaphthene	14.59	154	14585	0.800	ng		99
18) Fluorene	15.56	166	18545	0.786	ng		100
20) 4-Bromophenyl-phenylether	16.42	248	3538	0.871	ng	#	1
21) Hexachlorobenzene	16.55	284	3151	0.760	ng	#	100
22) Pentachlorophenol	16.91	266	1363	0.523	ng	#	85
23) Phenanthrene	17.27	178	23463	0.806	ng	#	63
24) Anthracene	17.37	178	29193	0.706	ng	#	100
26) Fluoranthene	19.30	202	32780	0.708	ng		100
28) Pyrene	19.67	202	33914	0.827	ng		99
30) Benzo(a)anthracene	21.39	228	30115	0.771	ng		98
31) Chrysene	21.45	228	32205	0.795	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	58079	0.703	ng		100
33) Indeno(1,2,3-cd)pyrene	26.58	276	21997	0.596	ng		98
35) Benzo(b)fluoranthene	23.15	252	26152	0.757	ng		97
36) Benzo(k)fluoranthene	23.20	252	30200	0.832	ng		99
37) Benzo(a)pyrene	23.81	252	25892	0.784	ng		96
38) Dibenzo(a,h)anthracene	26.60	278	18655	0.625	ng		97
39) Benzo(g,h,i)perylene	27.39	276	19789	0.655	ng		97

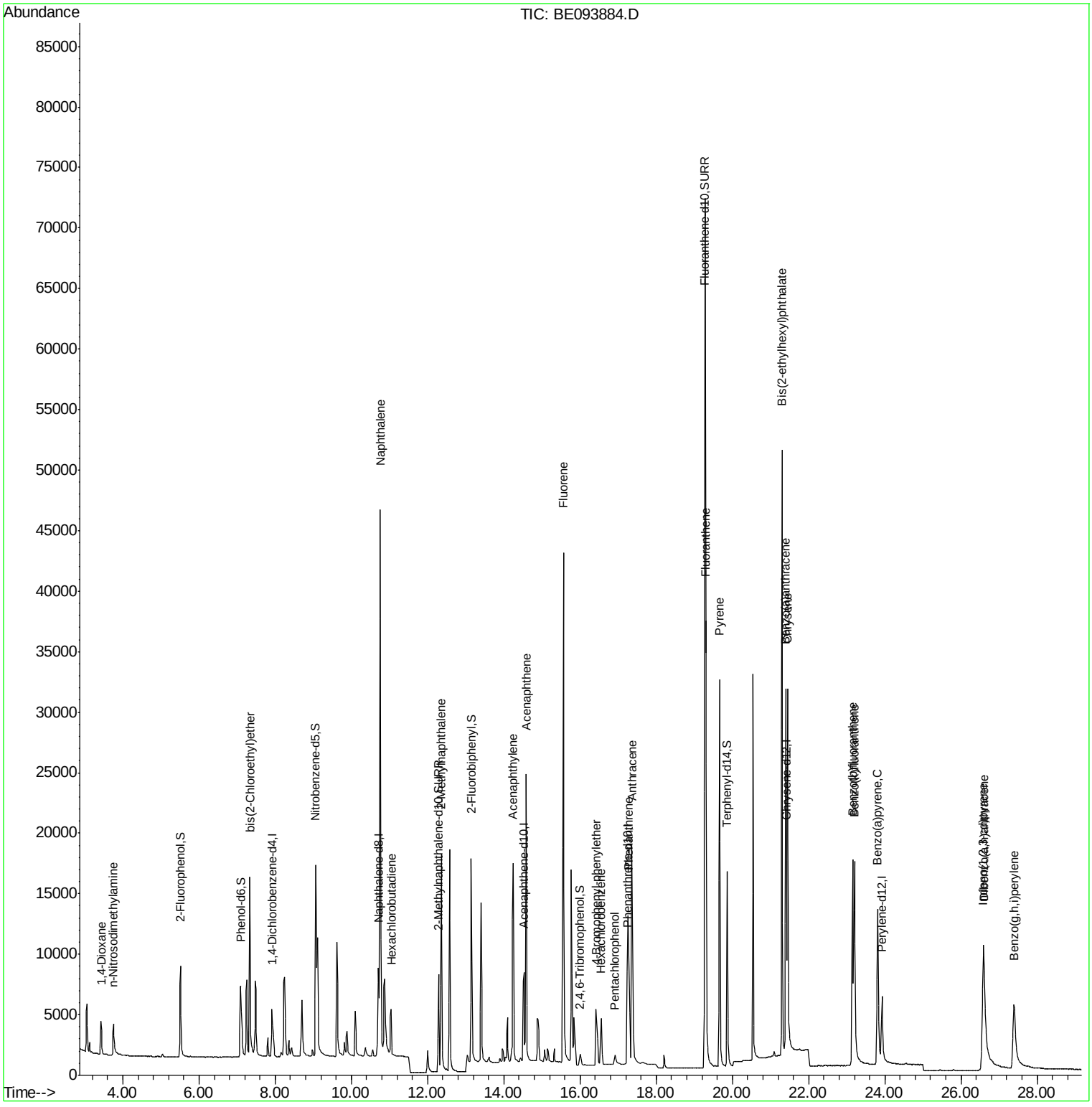
(#) = qualifier out of range (m) = manual integration (+) = signals summed

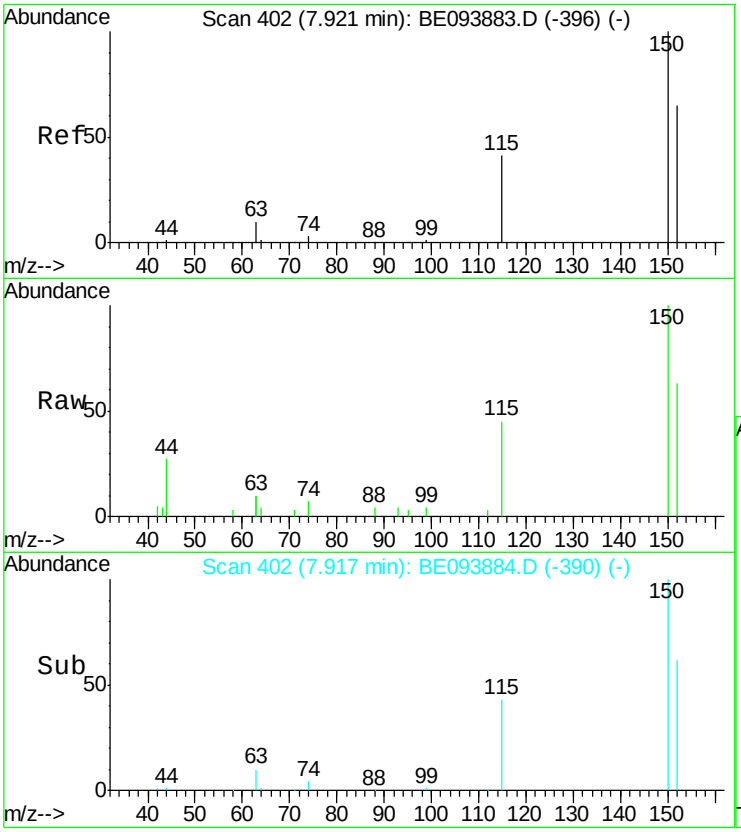
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082617\
Data File : BE093884.D
Acq On : 26 Aug 2017 10:57
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 28 02:06:44 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



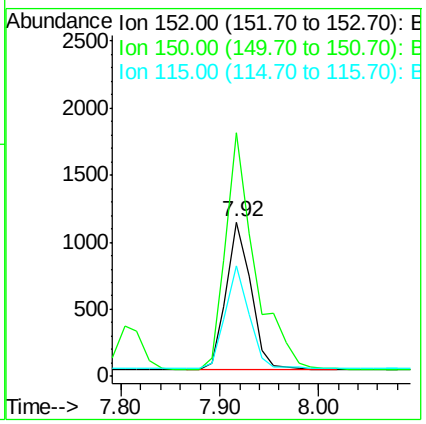


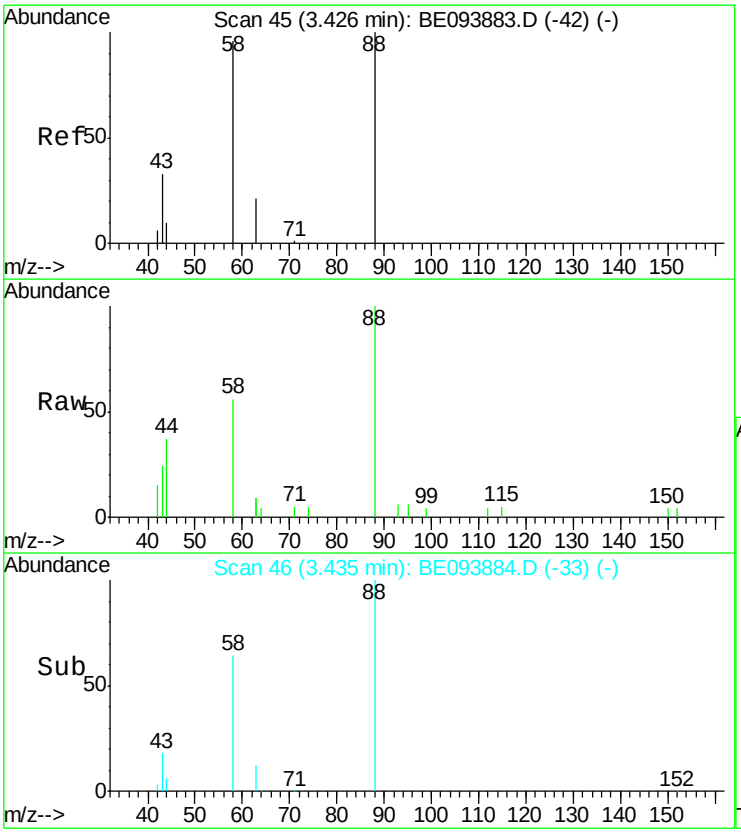
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1923

Ion	Ratio	Lower	Upper
152	100		
150	157.6	121.8	182.6
115	71.4	52.6	79.0

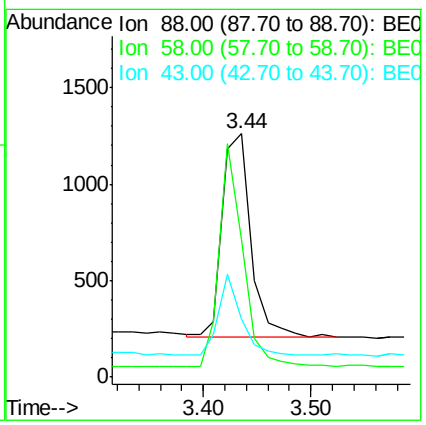


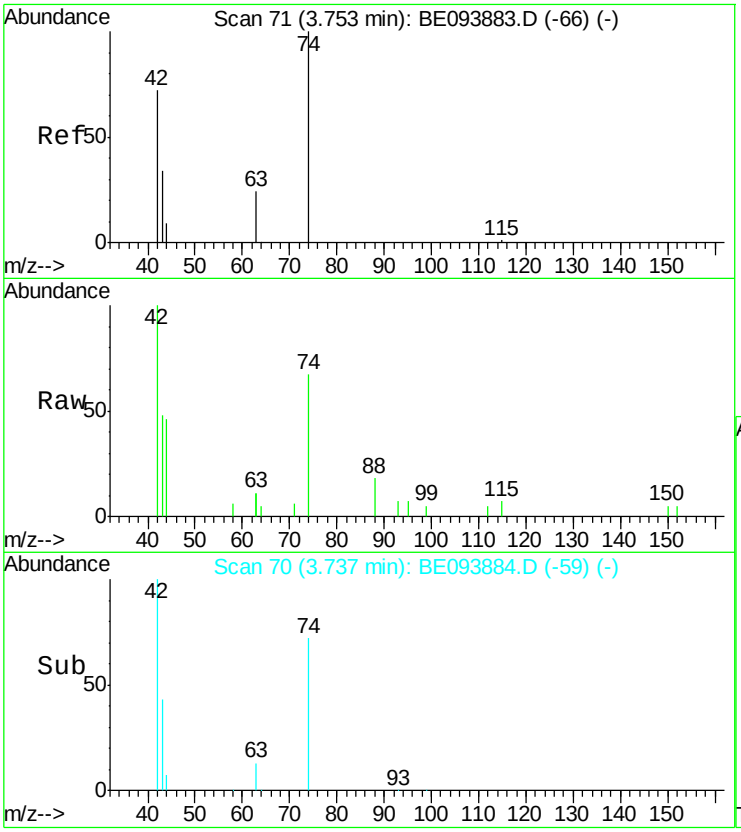


#2
1,4-Dioxane
Concen: 0.677 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion: 88 Resp: 1933

Ion	Ratio	Lower	Upper
88	100		
58	91.2	65.4	98.0
43	31.4	23.9	35.9



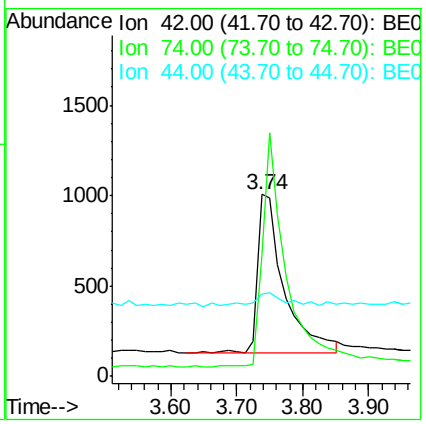


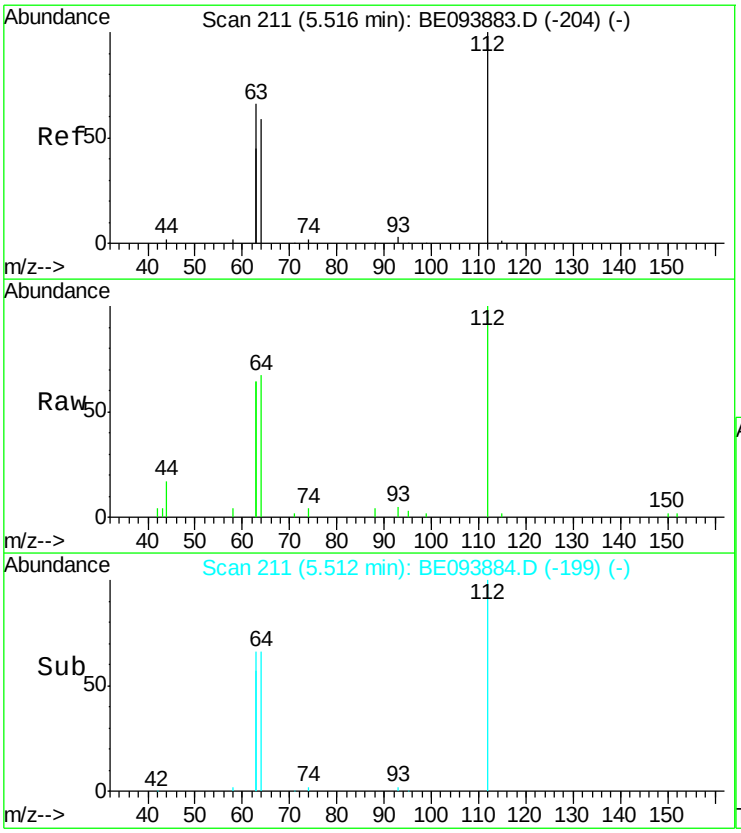
#3
n-Nitrosodimethylamine
Concen: 0.843 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 2485

Ion	Ratio	Lower	Upper
42	100		
74	128.8	104.0	156.0
44	12.6	13.8	20.8#

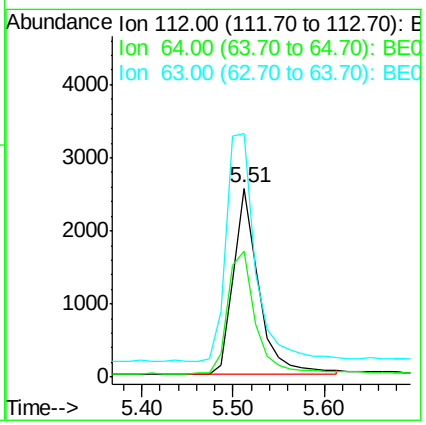


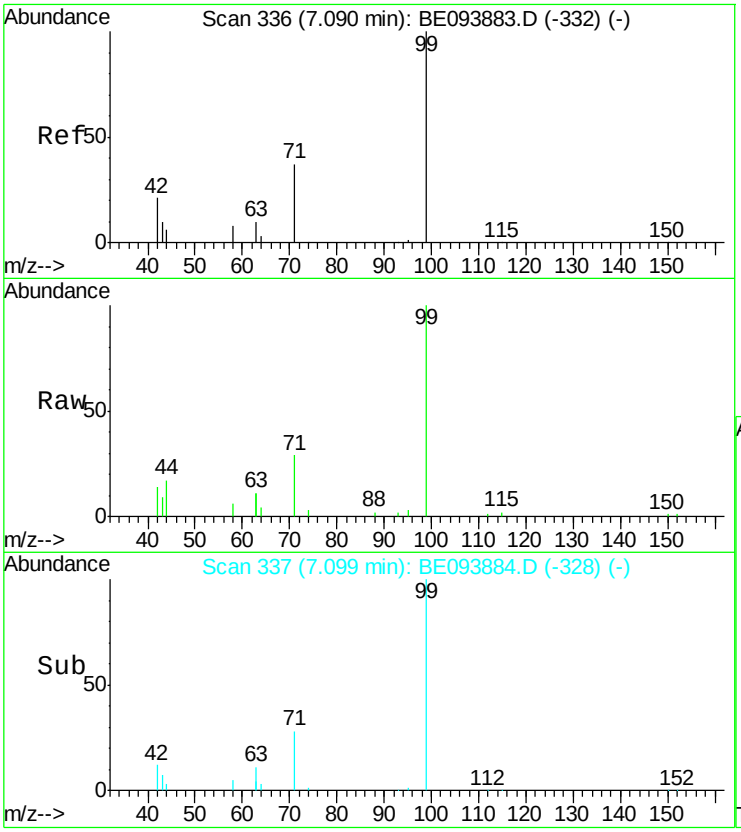


#4
2-Fluorophenol
Concen: 0.788 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:112 Resp: 4859

Ion	Ratio	Lower	Upper
112	100		
64	72.8	57.7	86.5
63	142.8	116.0	174.0



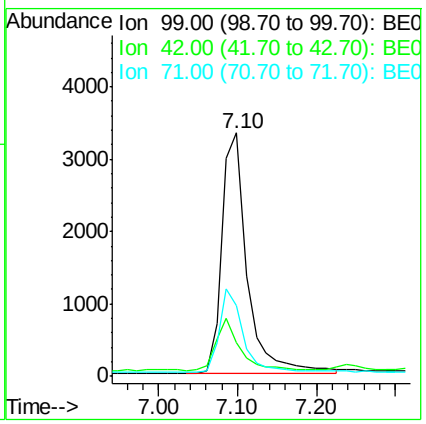


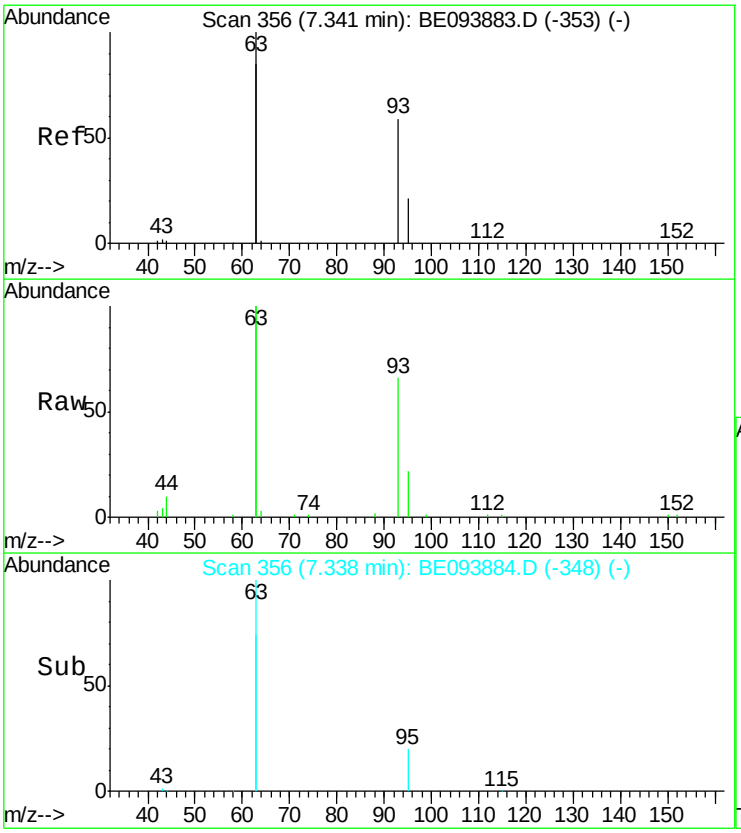
#5
Phenol-d6
Concen: 0.787 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 7398

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.1	25.7
71	33.7	26.6	39.8

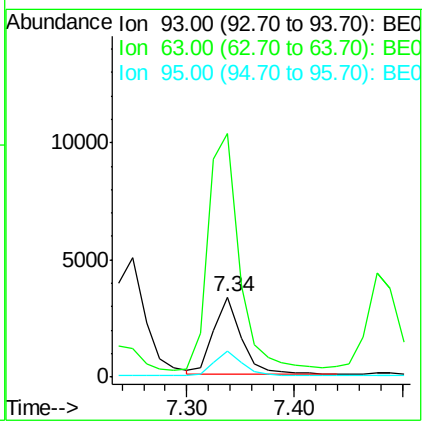


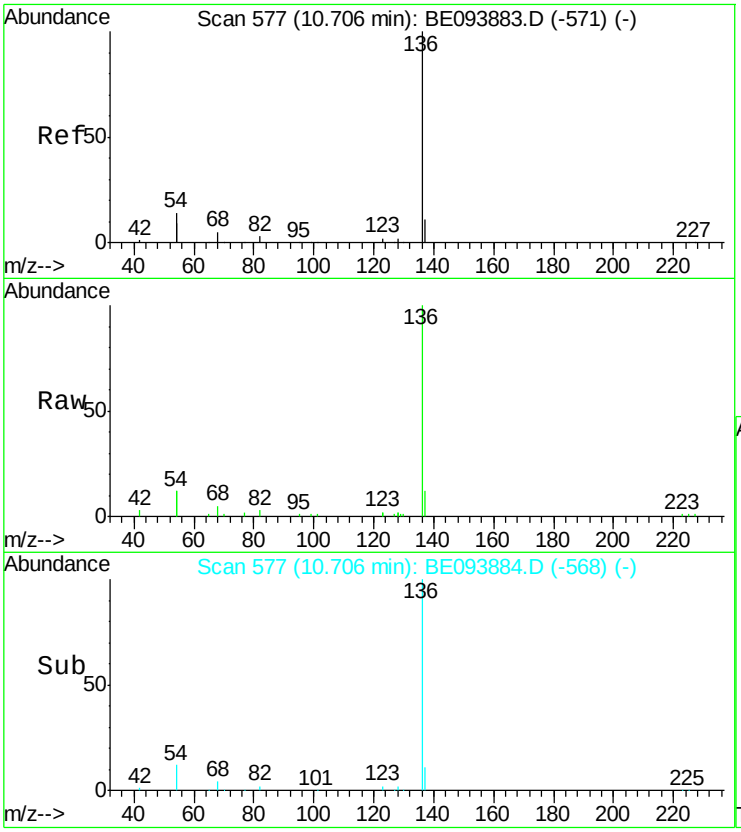


#6
bis(2-Chloroethyl)ether
Concen: 0.802 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion: 93 Resp: 5847

Ion	Ratio	Lower	Upper
93	100		
63	345.4	283.4	425.2
95	32.3	26.9	40.3



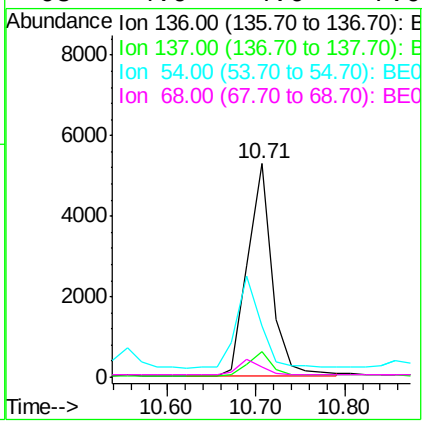


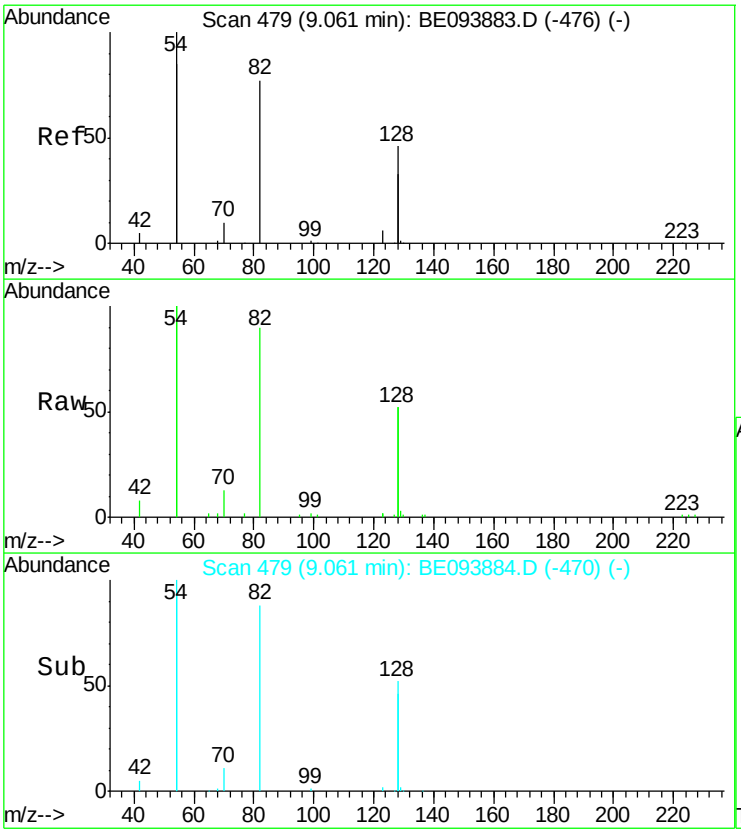
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 10037

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	23.8	21.9	32.9
68	4.9	4.6	7.0

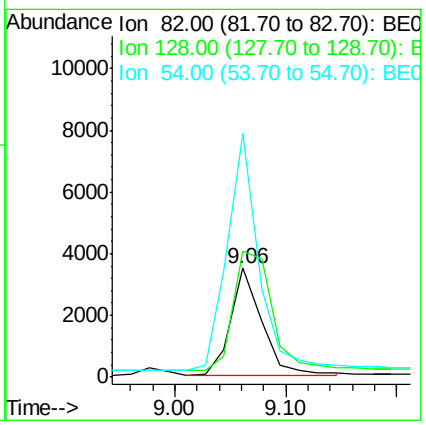


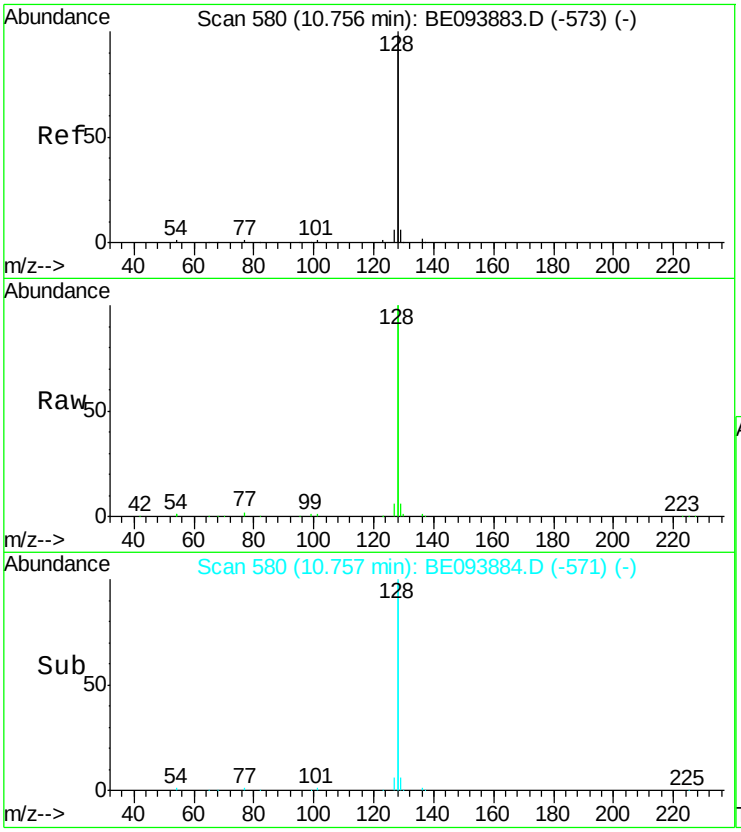


#8
Nitrobenzene-d5
Concen: 0.785 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion: 82 Resp: 6720

Ion	Ratio	Lower	Upper
82	100		
128	115.6	91.4	137.0
54	223.4	197.8	296.8



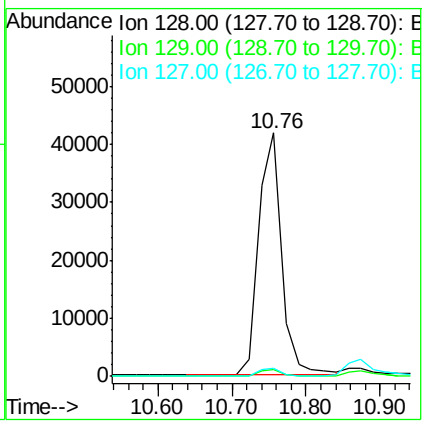


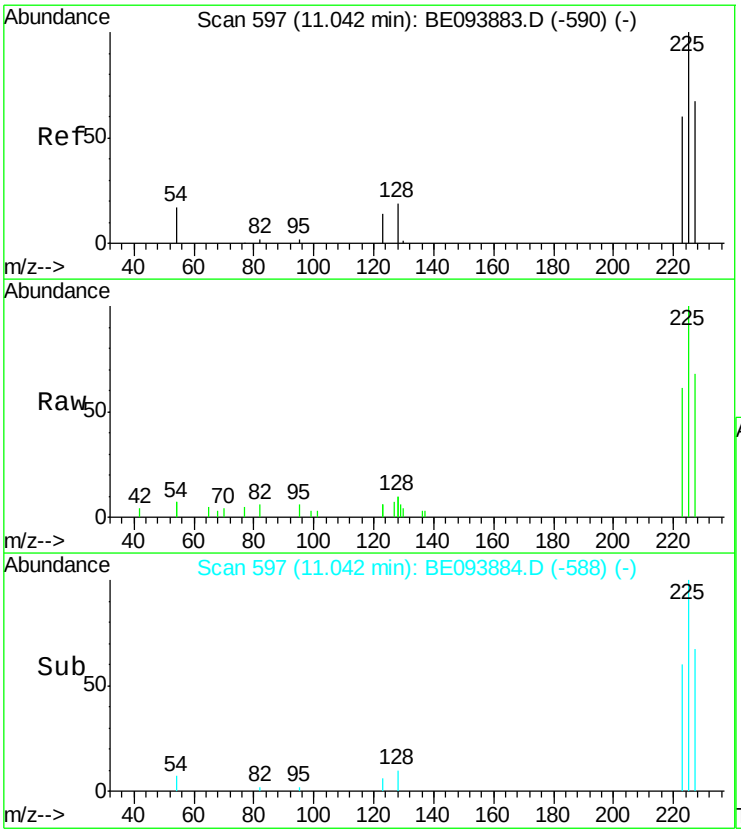
#9
Naphthalene
Concen: 0.791 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 90851

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.2	2.6	4.0

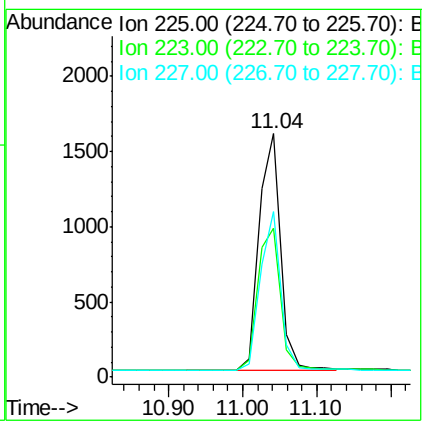


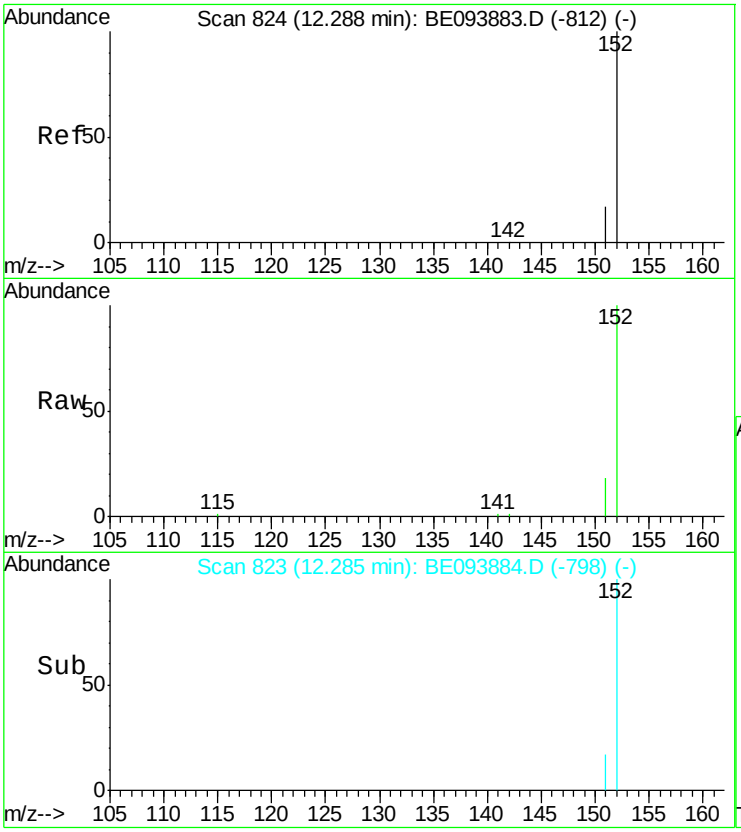


#10
Hexachlorobutadiene
Concen: 0.762 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:225 Resp: 3212

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	63.7	50.5	75.7



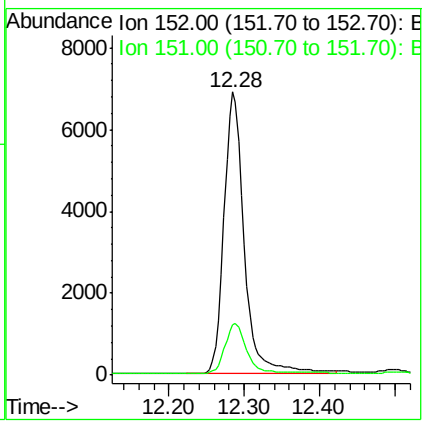


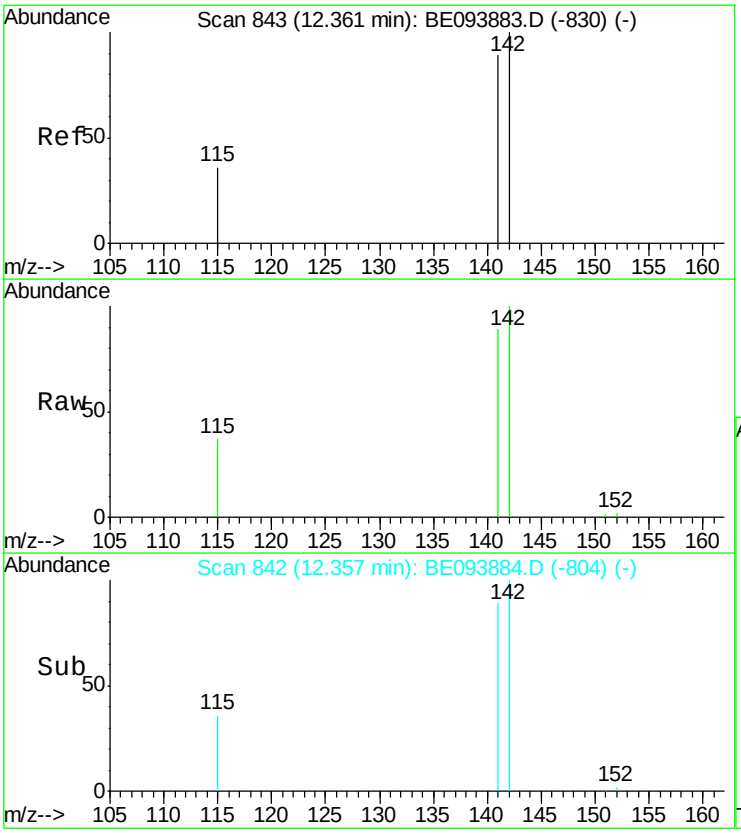
#11
2-Methylnaphthalene-d10
Concen: 0.794 ng
RT: 12.28 min Scan# 823
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 12759

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.0

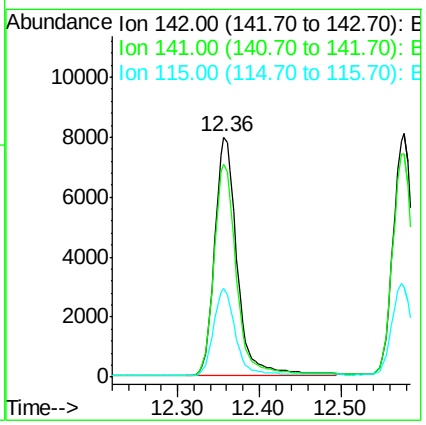


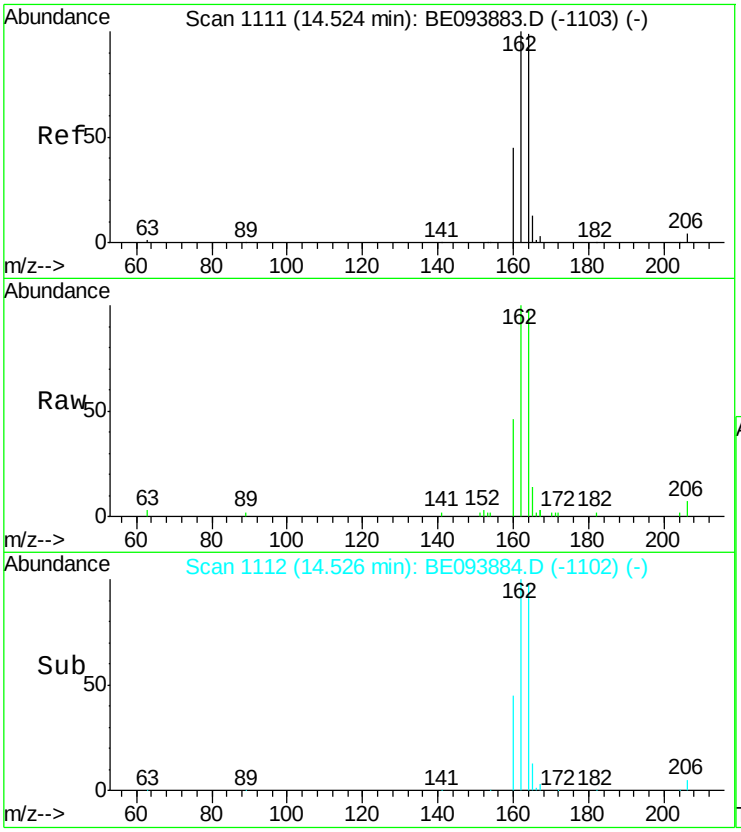


#12
2-Methylnaphthalene
Concen: 0.786 ng
RT: 12.36 min Scan# 842
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:142 Resp: 15170

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	36.9	29.4	44.0



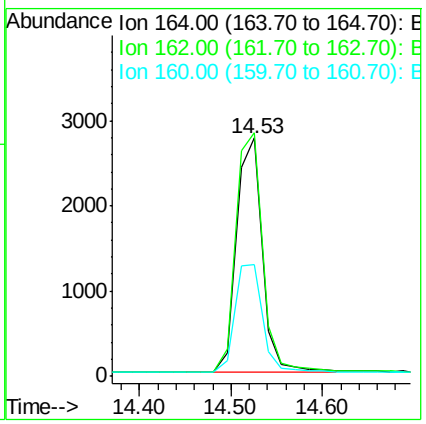


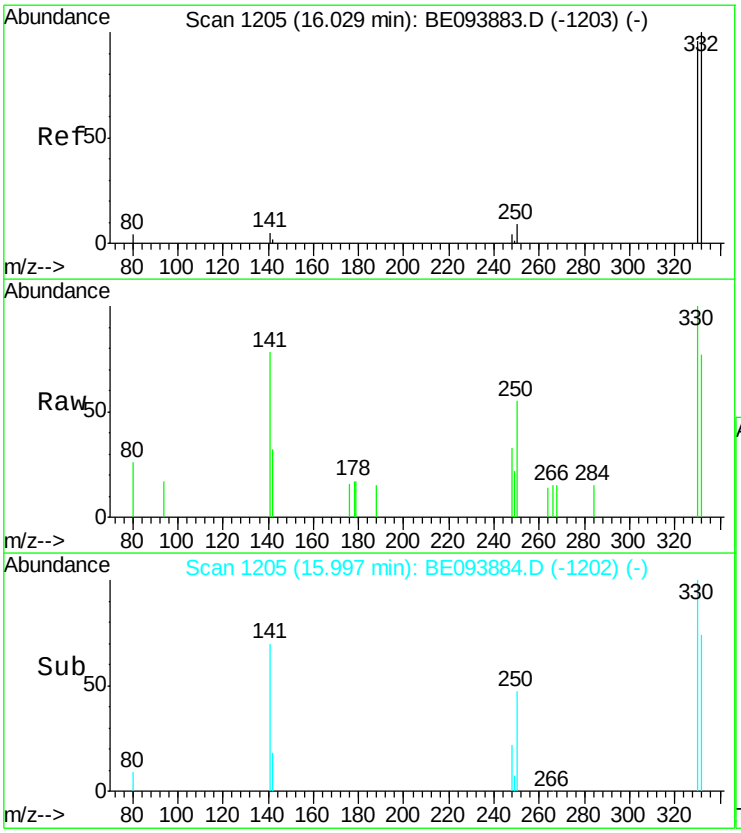
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 5432

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.8	121.2
160	46.7	37.0	55.4

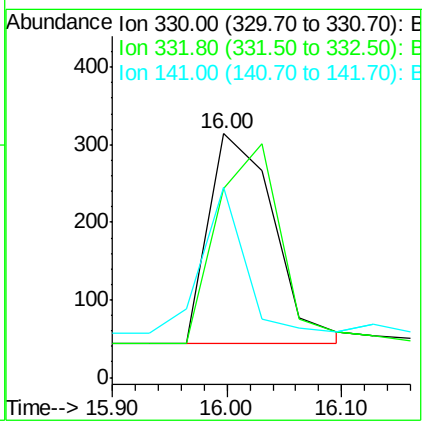


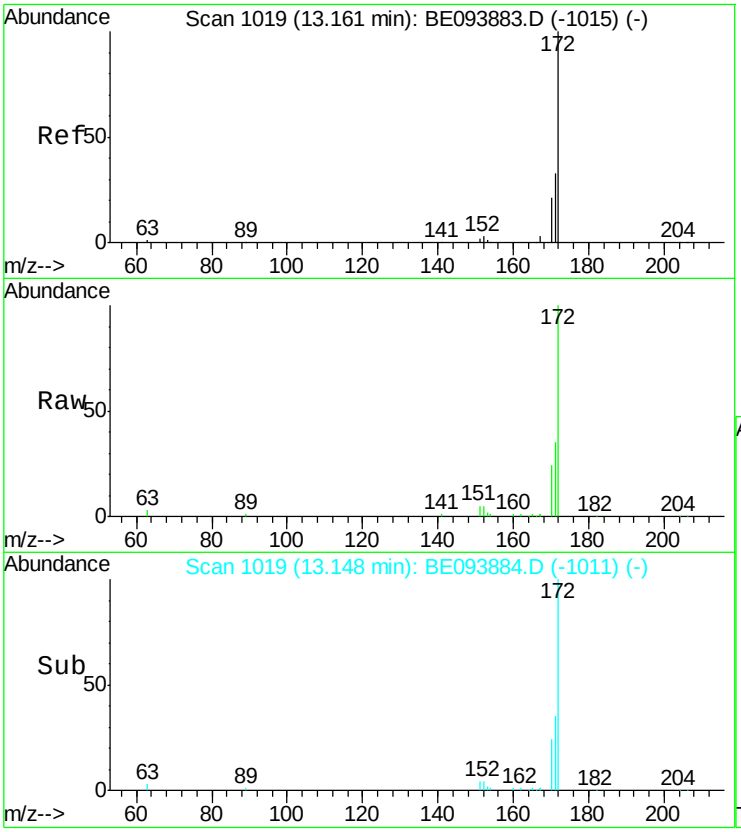


#14
2,4,6-Tribromophenol
Concen: 0.720 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:330 Resp: 1054

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.9	115.3#
141	38.4	0.0	0.0#



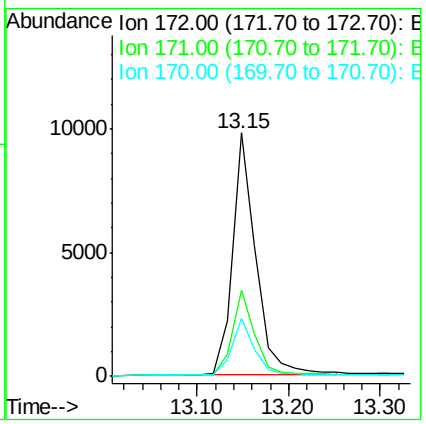


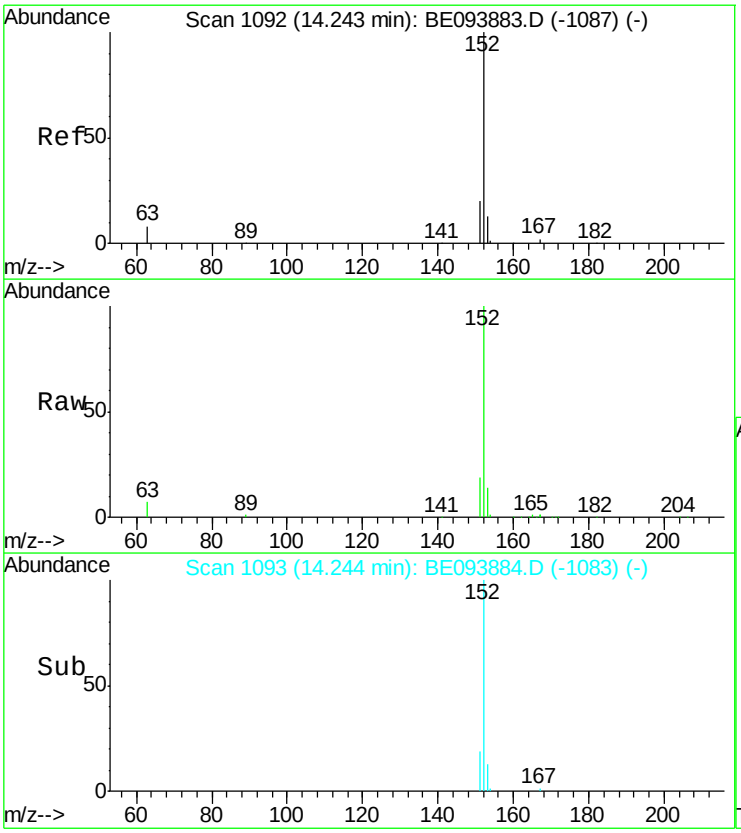
#15
2-Fluorobiphenyl
Concen: 0.818 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 17423

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.9	40.3
170	23.8	17.3	25.9

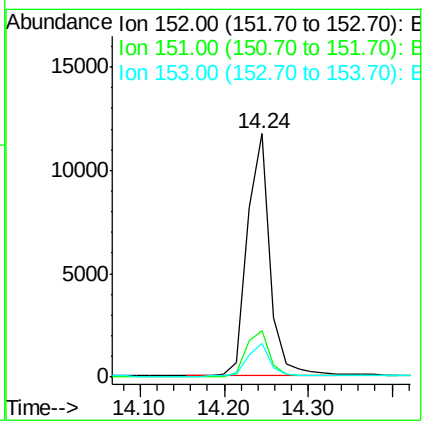


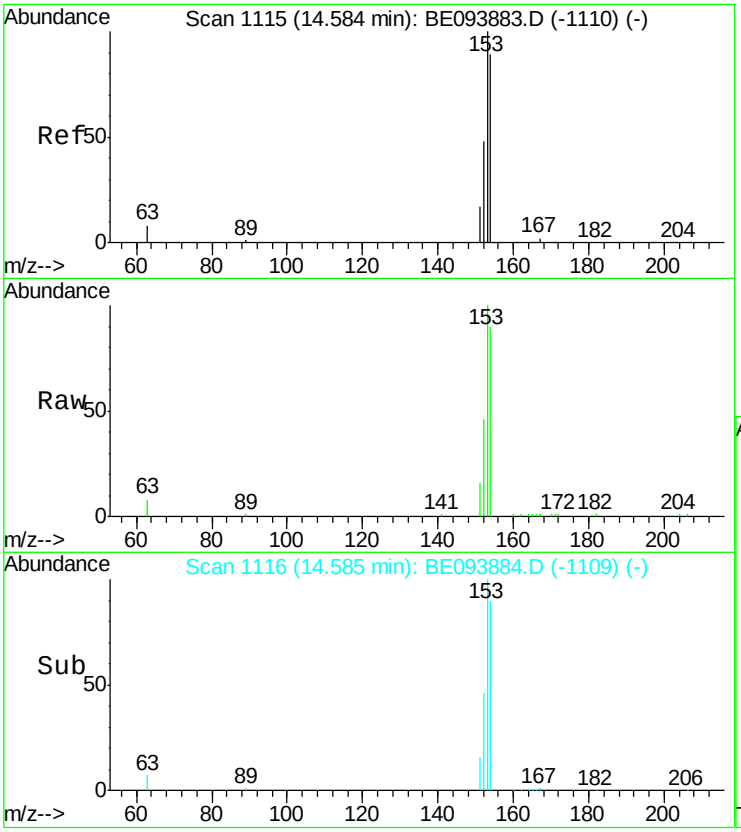


#16
Acenaphthylene
Concen: 0.816 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:152 Resp: 22108

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.6	16.0



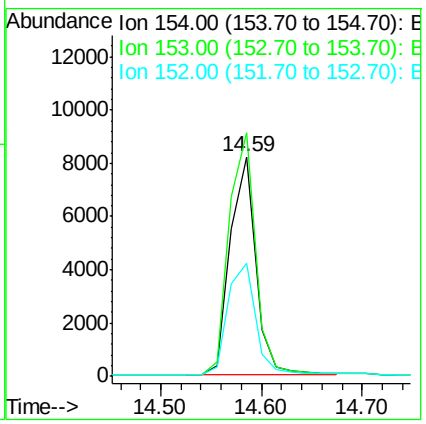


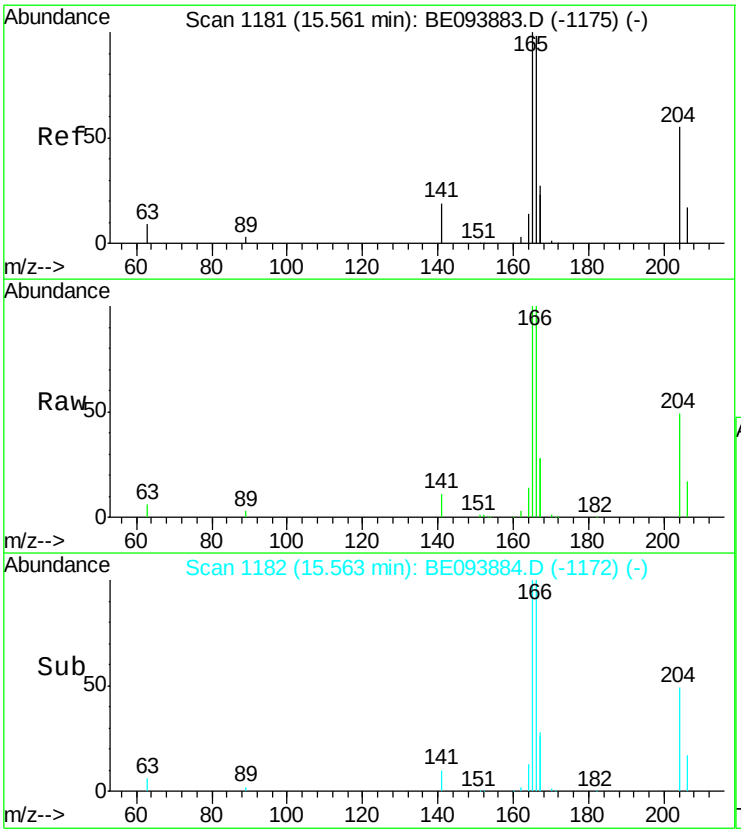
#17
Acenaphthene
Concen: 0.800 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 14585

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.8	137.6
152	54.8	44.9	67.3

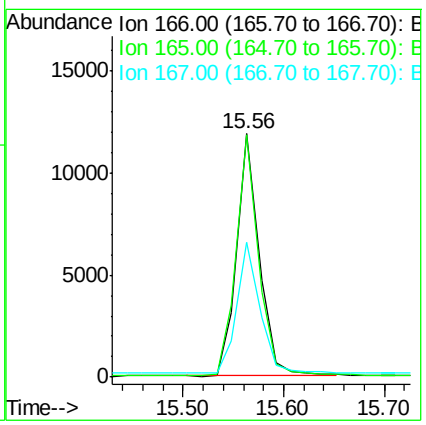


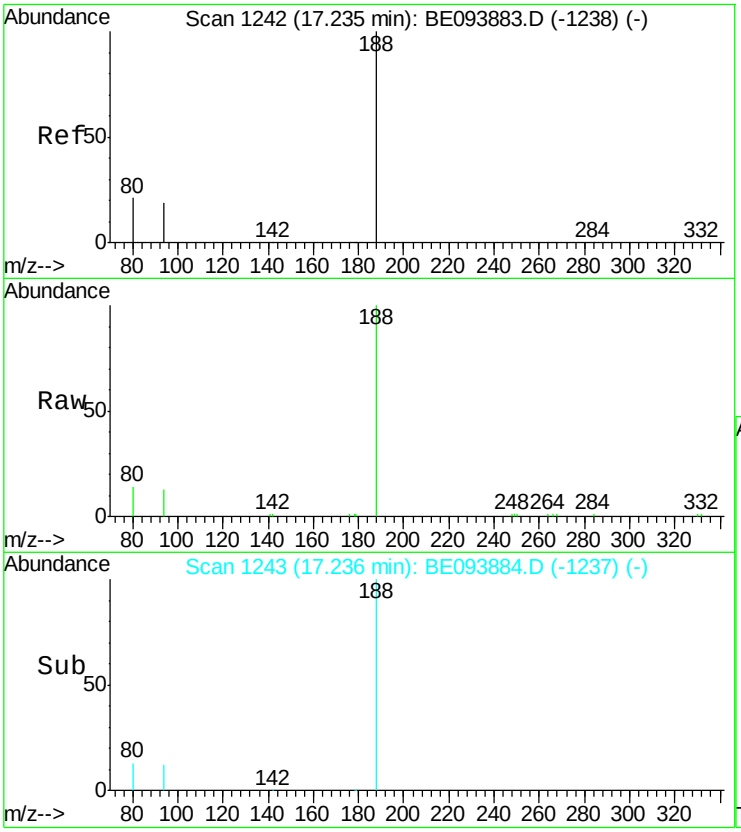


#18
Fluorene
Concen: 0.786 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:166 Resp: 18545

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.4	119.0
167	54.6	43.5	65.3



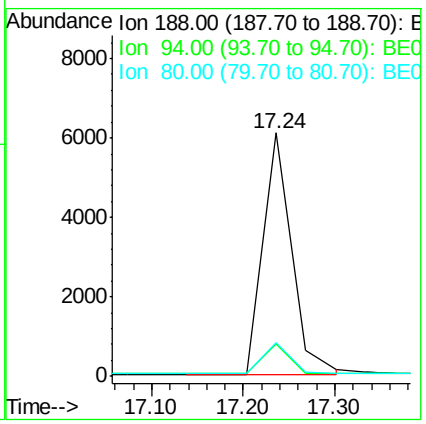


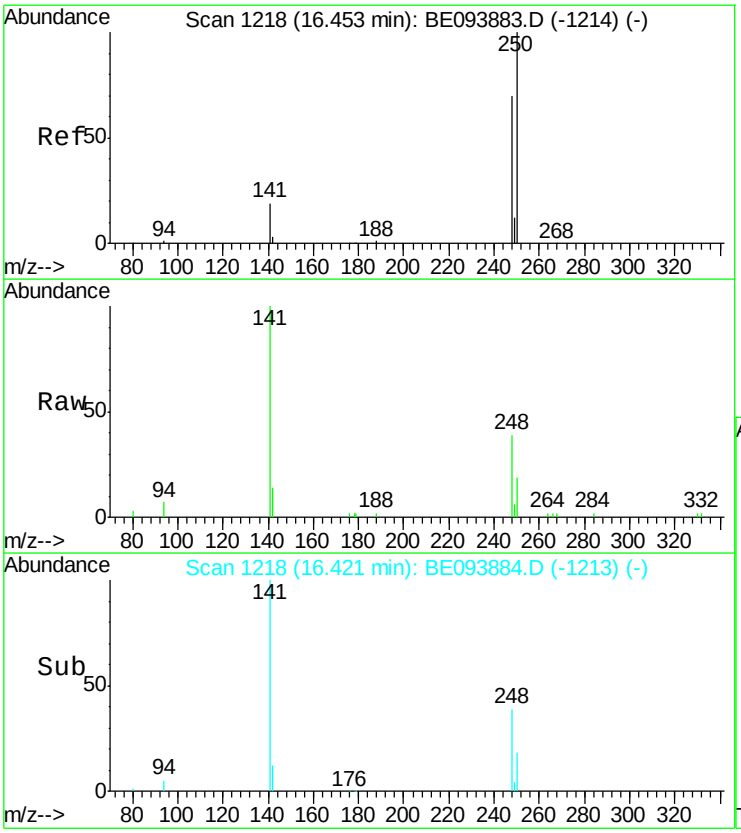
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 13280

Ion	Ratio	Lower	Upper
188	100		
94	13.2	16.1	24.1#
80	13.8	18.2	27.2#

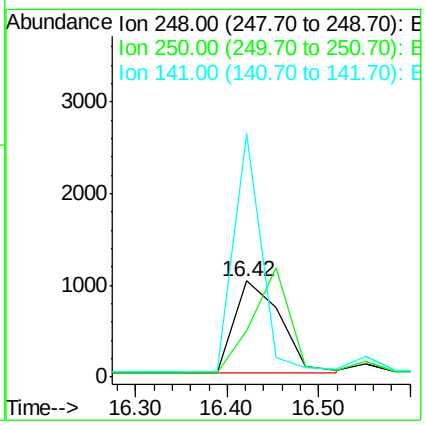


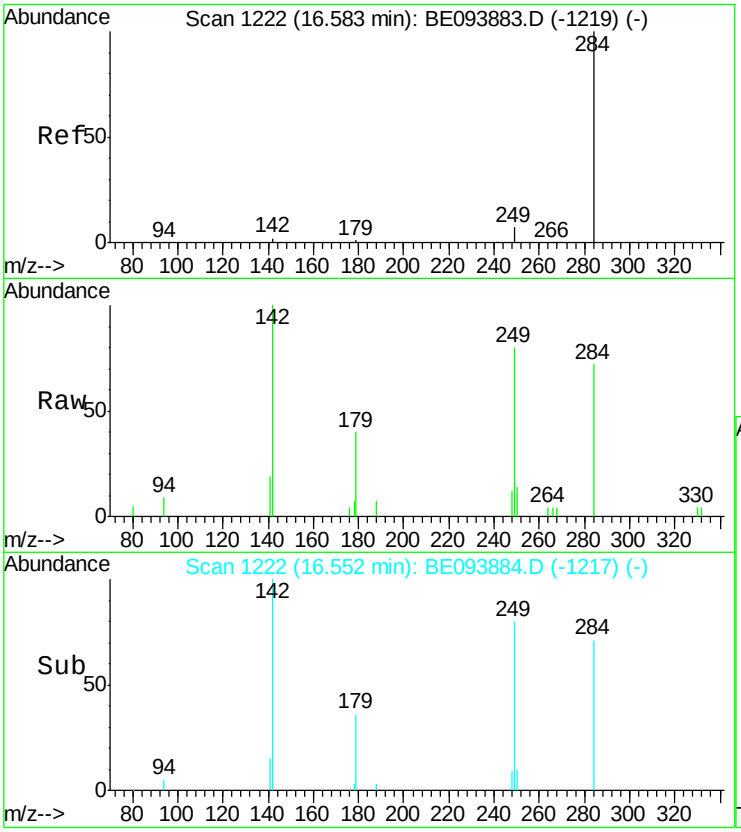


#20
4-Bromophenyl-phenylether
Concen: 0.871 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:248 Resp: 3538

Ion	Ratio	Lower	Upper
248	100		
250	48.0	111.8	167.8#
141	254.2	27.1	40.7#



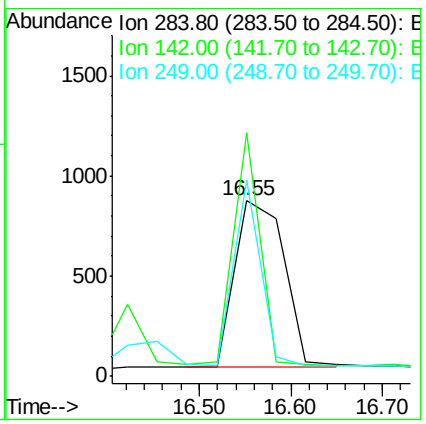


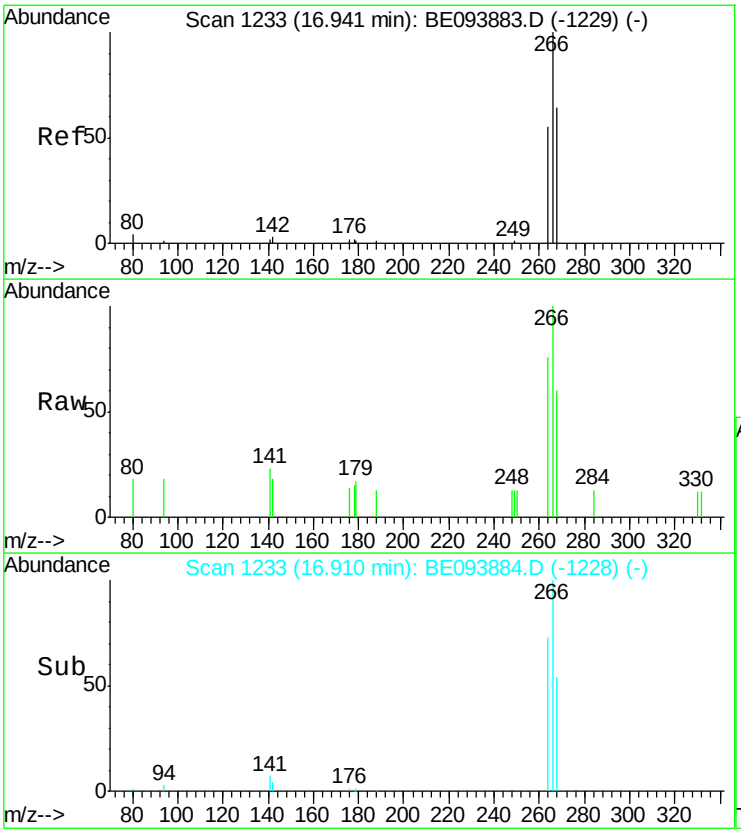
#21
Hexachlorobenzene
Concen: 0.760 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 3151

Ion	Ratio	Lower	Upper
284	100		
142	74.1	0.0	0.0#
249	60.5	0.0	0.0#

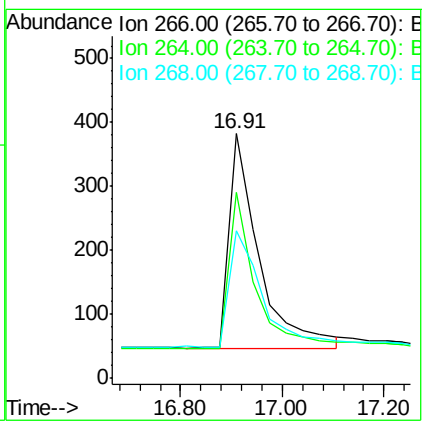


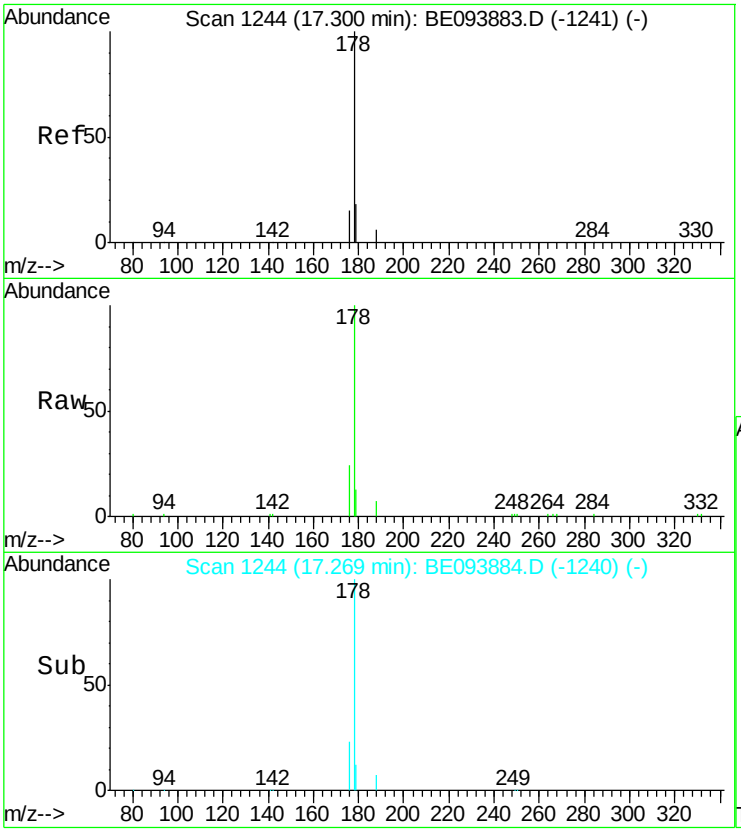


#22
Pentachlorophenol
Concen: 0.523 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:266 Resp: 1363

Ion	Ratio	Lower	Upper
266	100		
264	75.9	53.5	80.3
268	59.9	60.0	90.0#



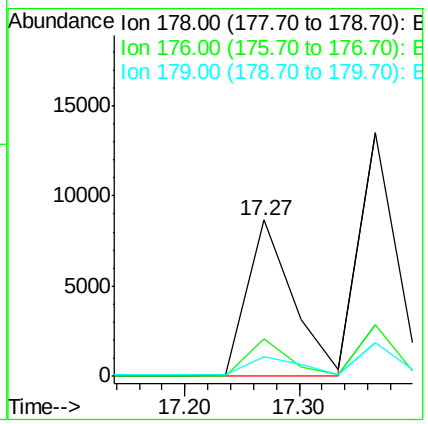


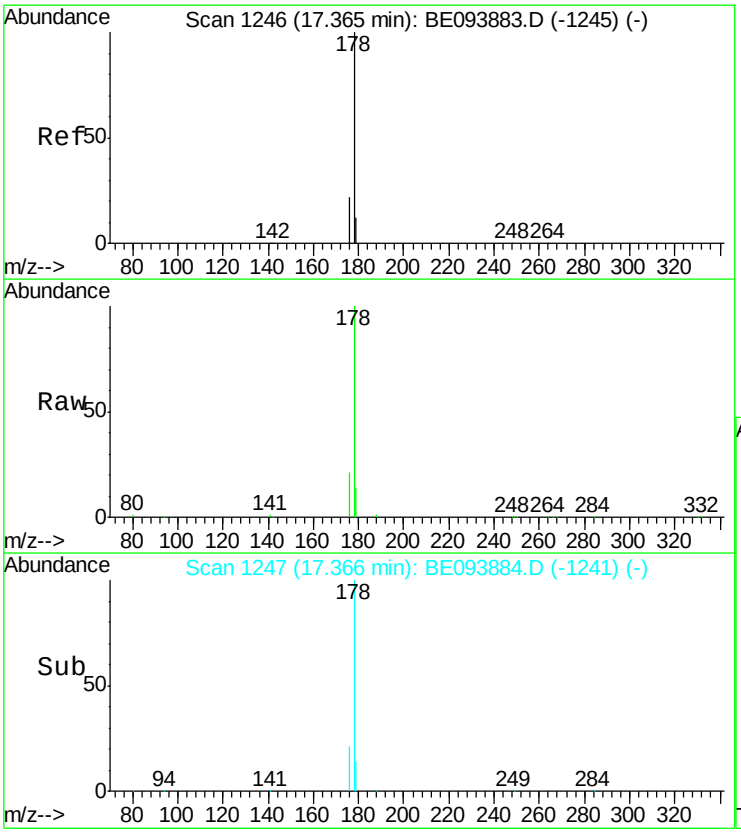
#23
Phenanthrene
Concen: 0.806 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 23463

Ion	Ratio	Lower	Upper
178	100		
176	20.9	0.0	0.0#
179	0.0	12.6	18.8#

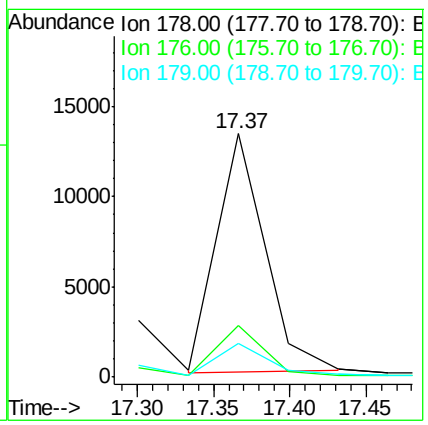


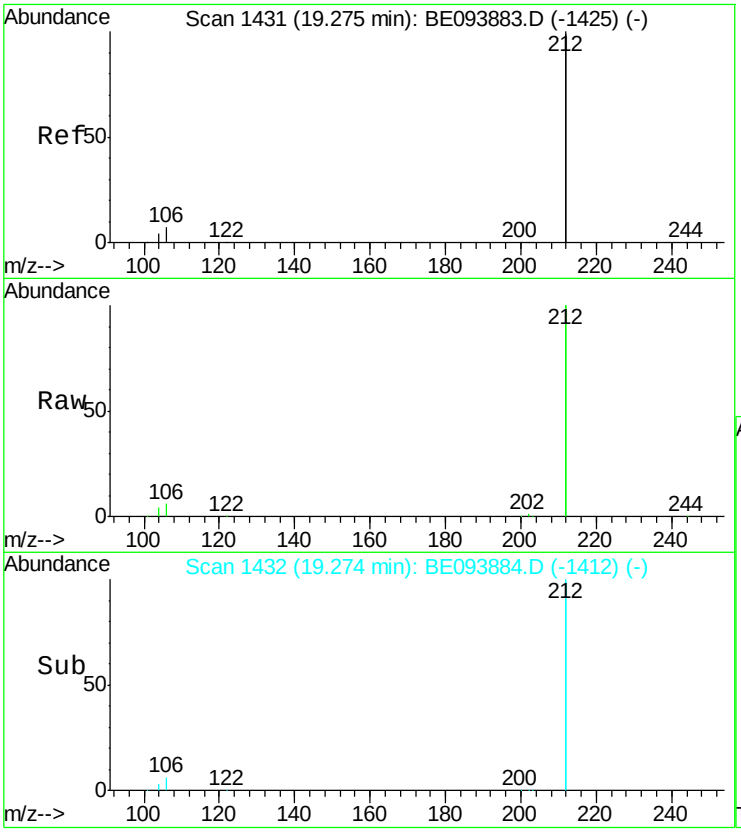


#24
Anthracene
Concen: 0.706 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:178 Resp: 29193

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	26.2	0.0	0.0#



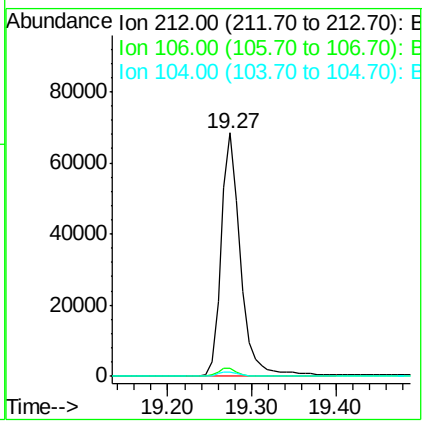


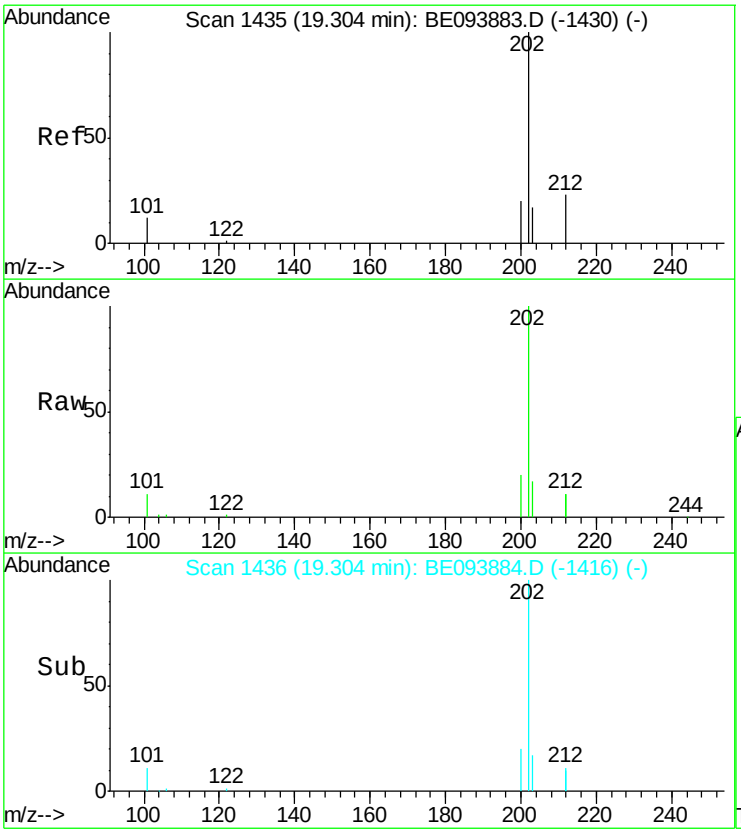
#25
Fluoranthene-d10
Concen: 0.717 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 108677

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

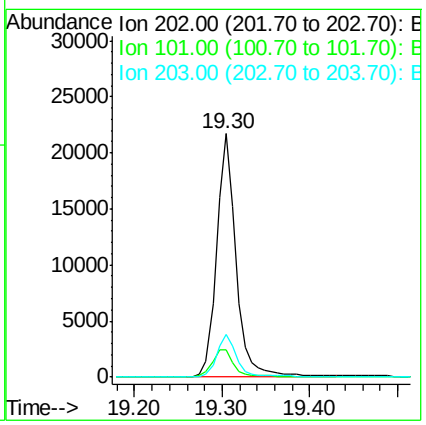


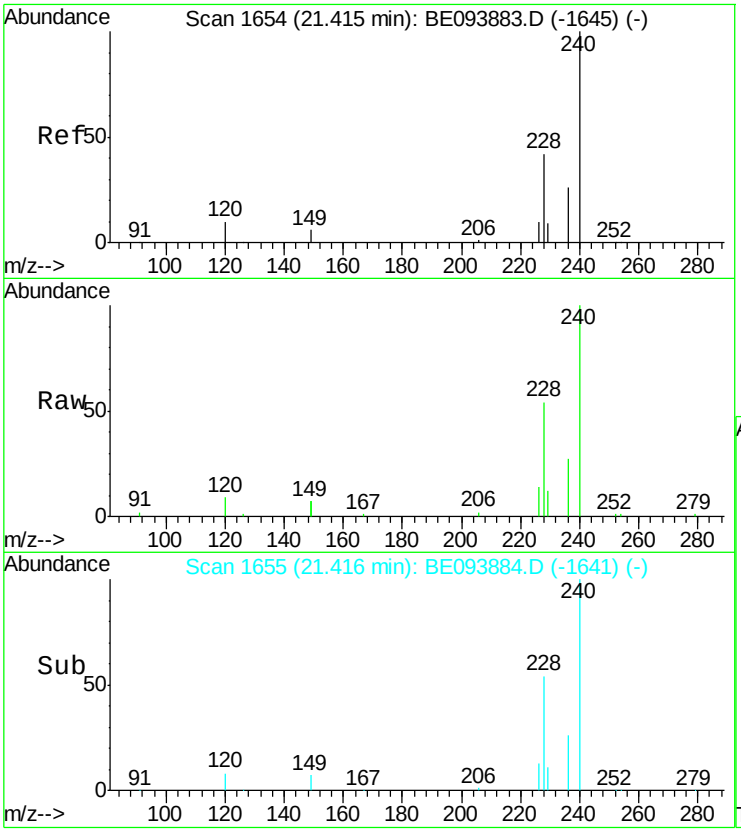


#26
Fluoranthene
Concen: 0.708 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:202 Resp: 32780

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
203	17.2	13.7	20.5



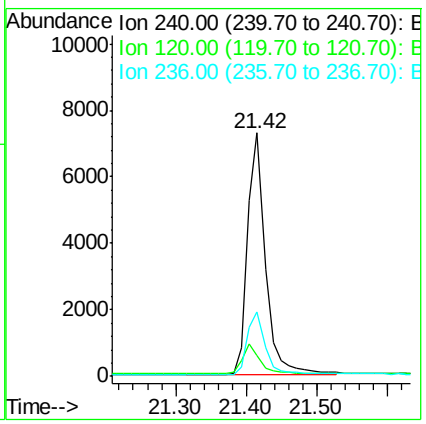


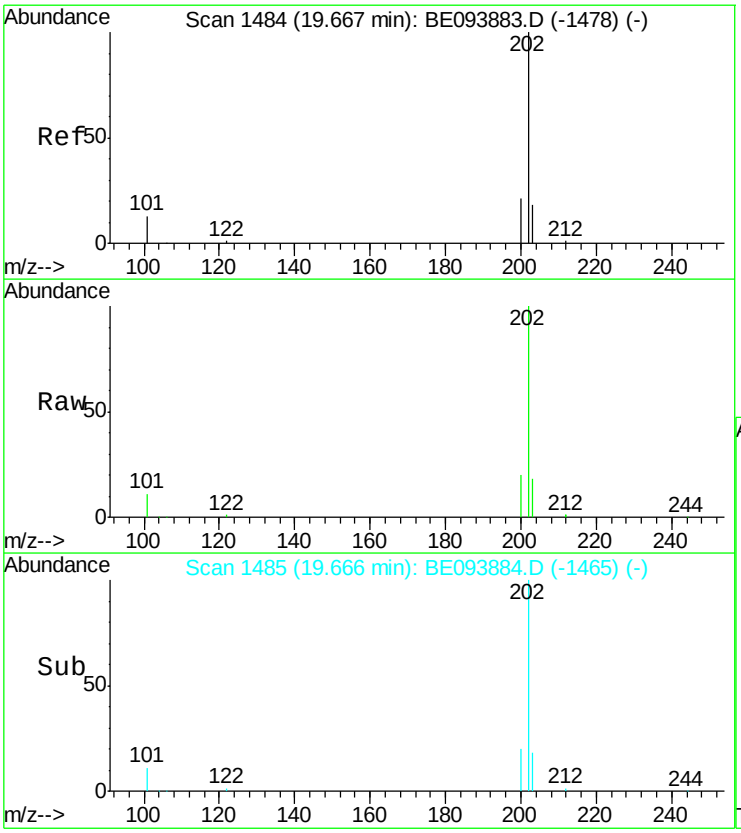
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 12527

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.7	13.1
236	26.7	21.3	31.9

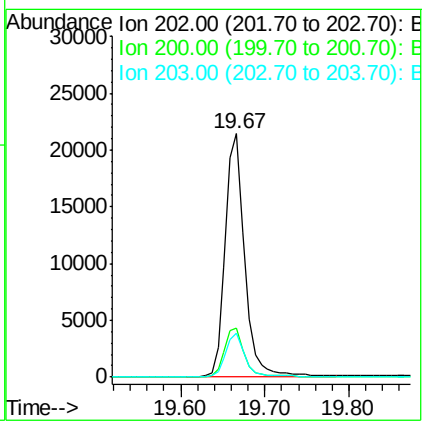


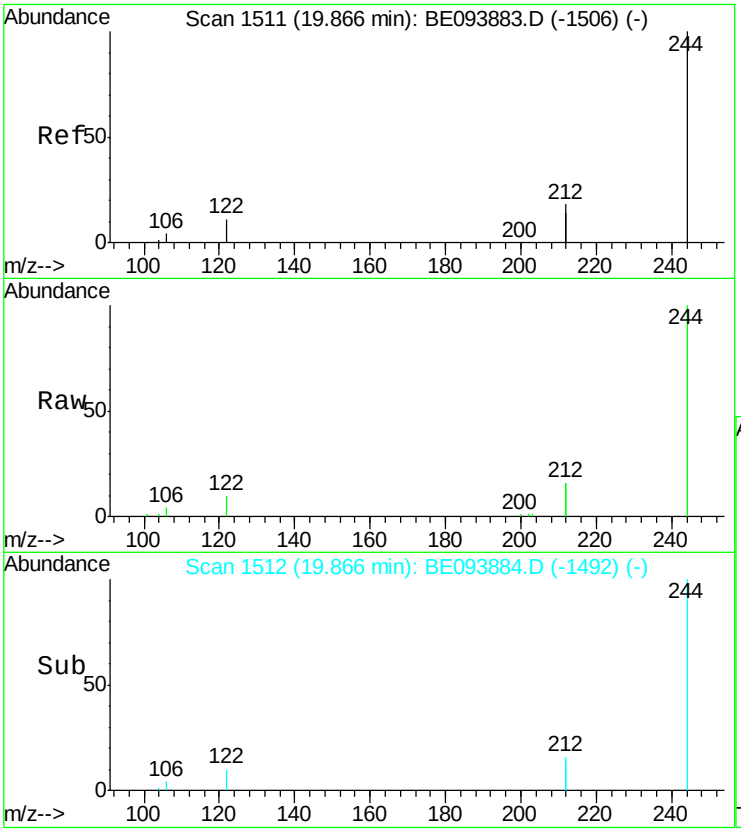


#28
Pyrene
Concen: 0.827 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:202 Resp: 33914

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.4	14.2	21.4



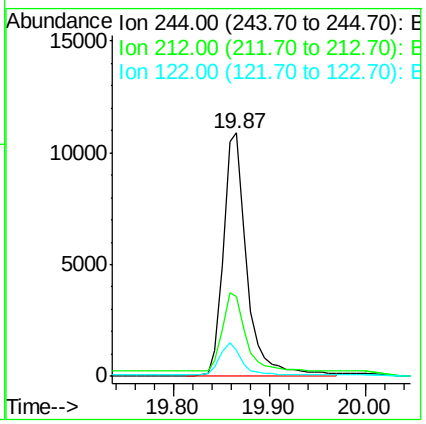


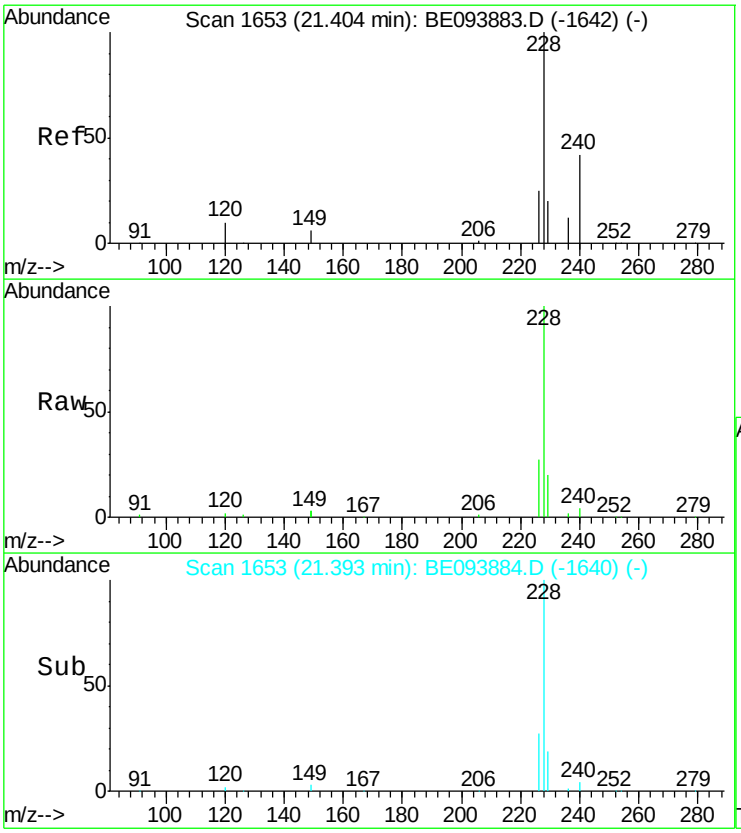
#29
Terphenyl-d14
Concen: 0.814 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 18168

Ion	Ratio	Lower	Upper
244	100		
212	32.8	28.3	42.5
122	10.5	9.4	14.0

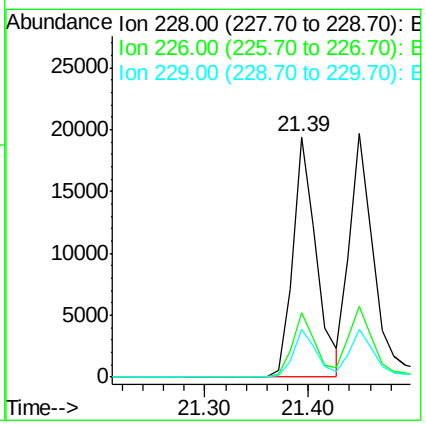


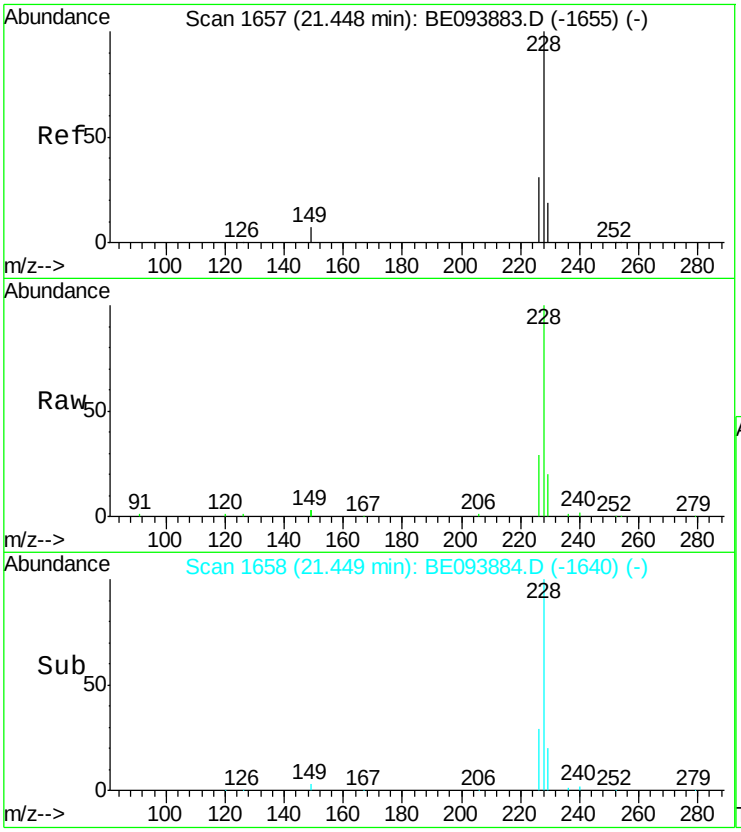


#30
Benzo(a)anthracene
Concen: 0.771 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:228 Resp: 30115

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.8	31.2
229	19.7	16.6	25.0



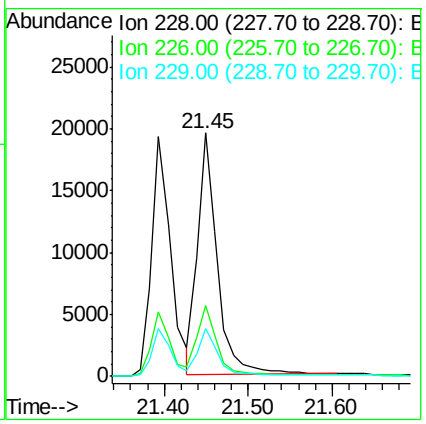


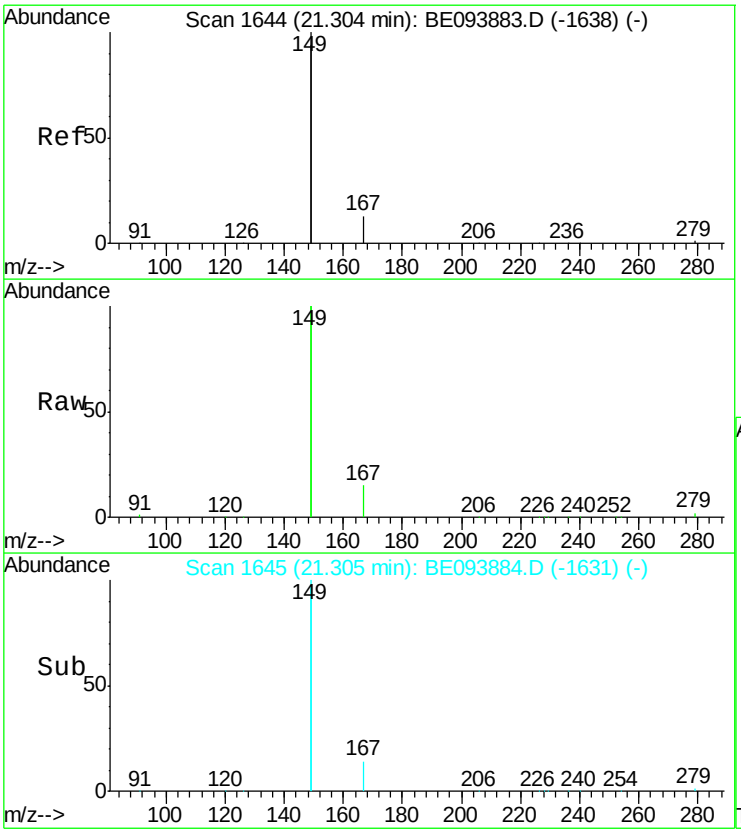
#31
Chrysene
Concen: 0.795 ng
RT: 21.45 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 32205

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.6	37.0
229	19.8	15.8	23.8

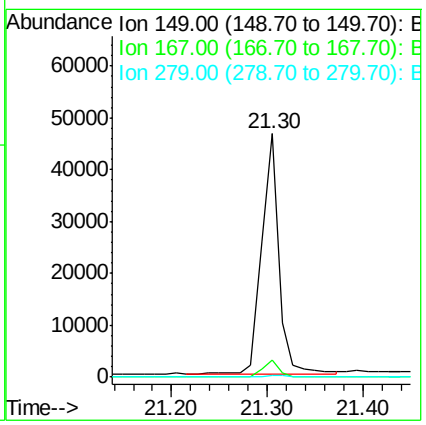


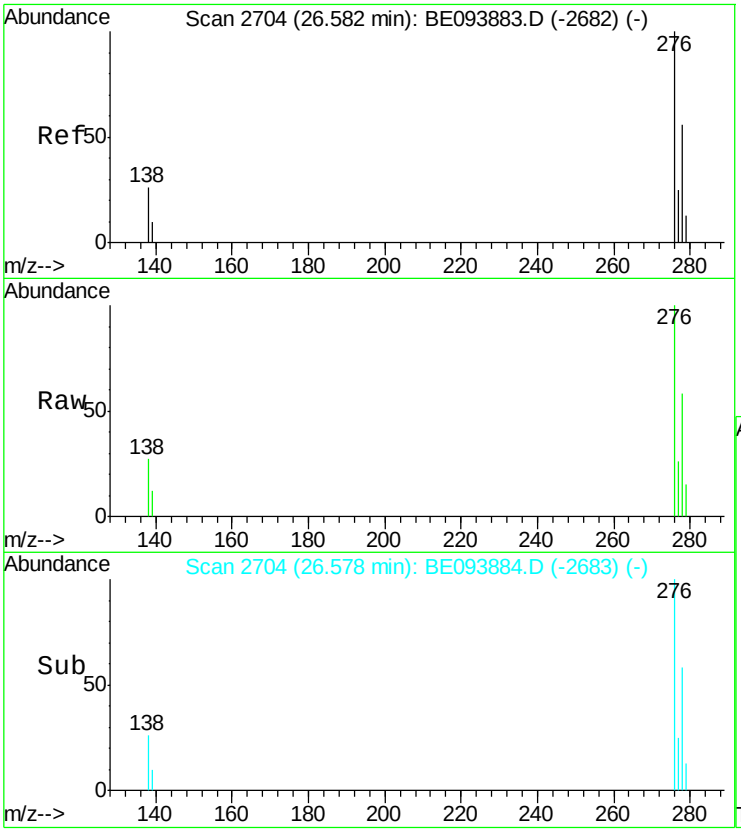


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.703 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:149 Resp: 58079

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



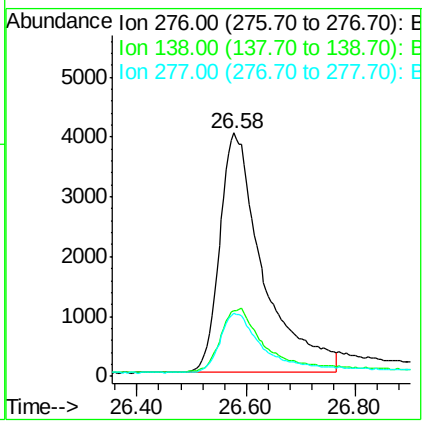


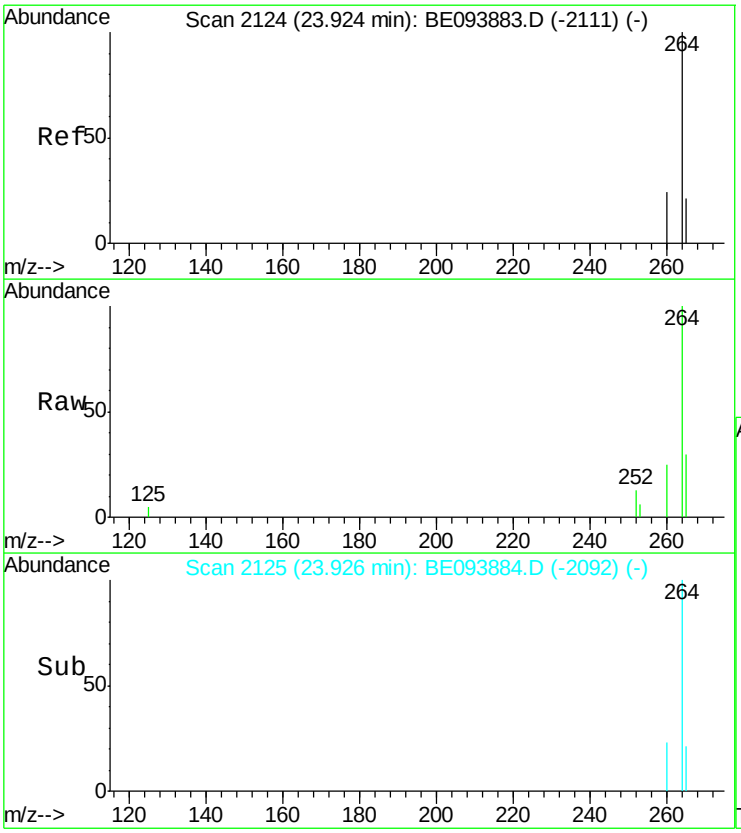
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.596 ng
RT: 26.58 min Scan# 2704
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 21997

Ion	Ratio	Lower	Upper
276	100		
138	26.7	22.2	33.2
277	25.1	19.5	29.3

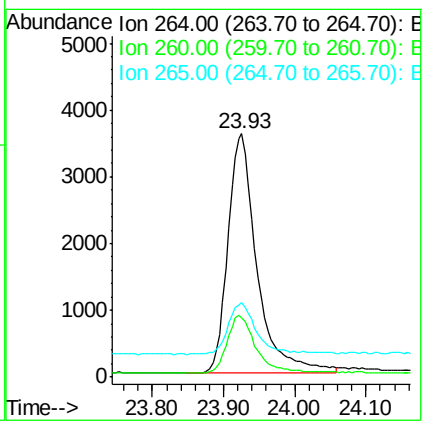


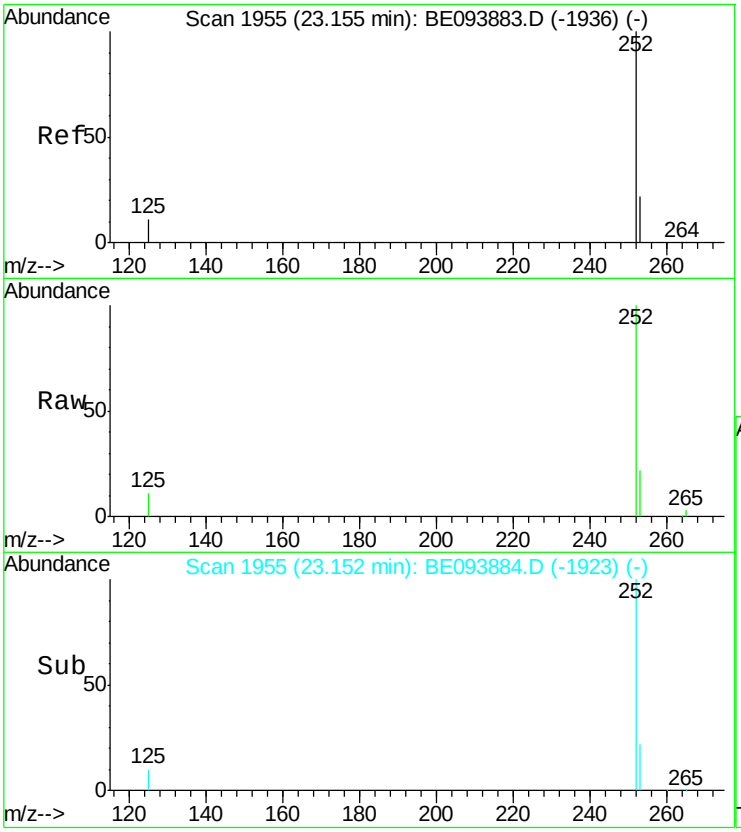


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:264 Resp: 10246

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	30.5	24.0	36.0



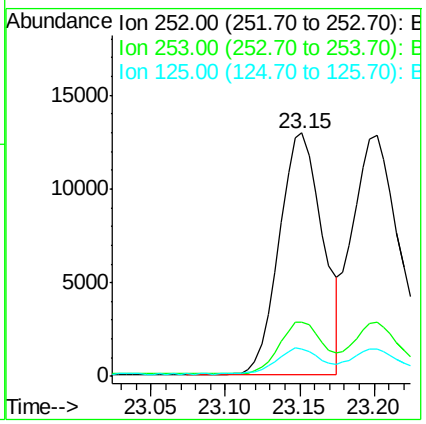


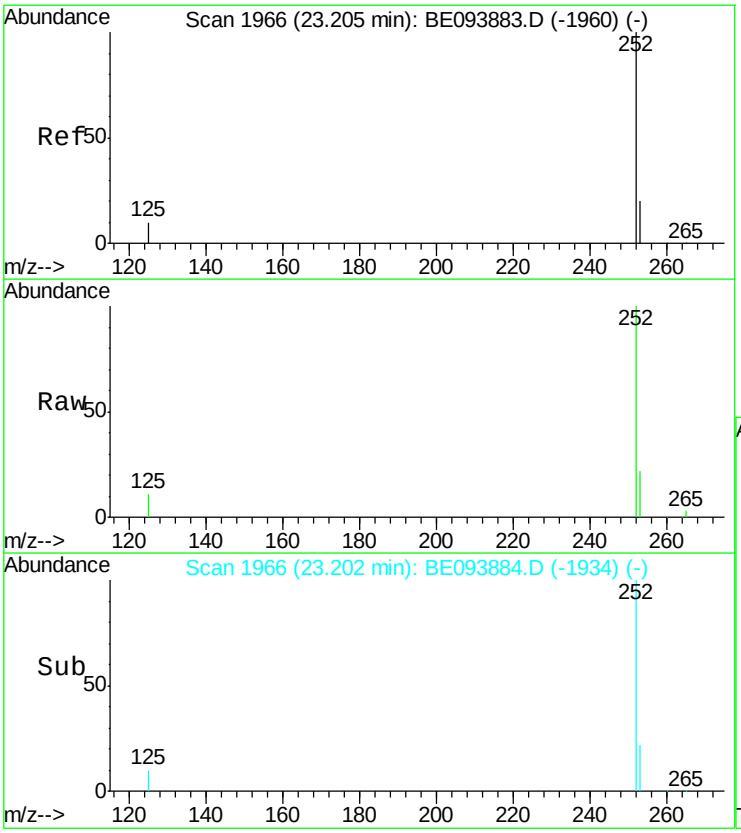
#35
Benzo(b)fluoranthene
Concen: 0.757 ng
RT: 23.15 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 26152

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.4	29.0
125	11.2	10.0	15.0

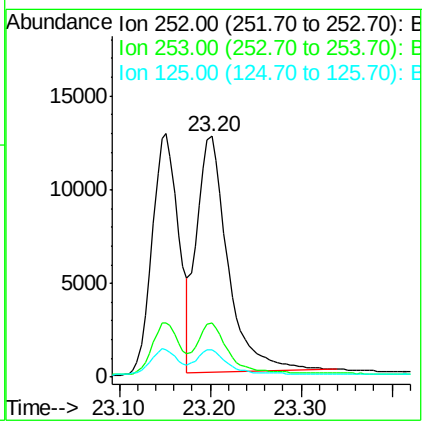


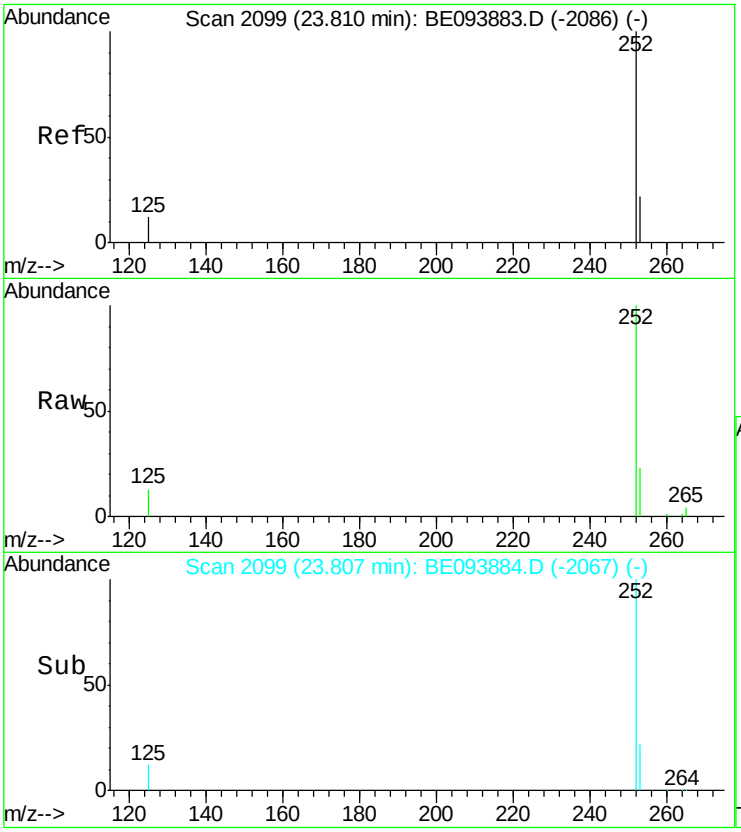


#36
Benzo(k)fluoranthene
Concen: 0.832 ng
RT: 23.20 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:252 Resp: 30200

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.3	9.8	14.6



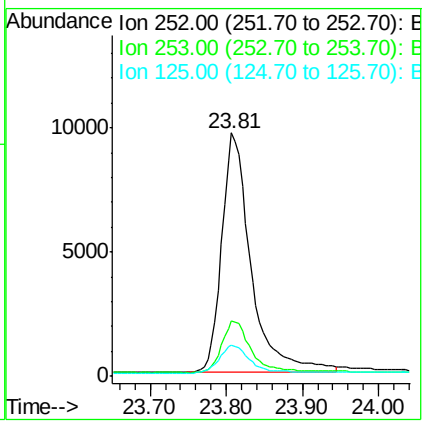


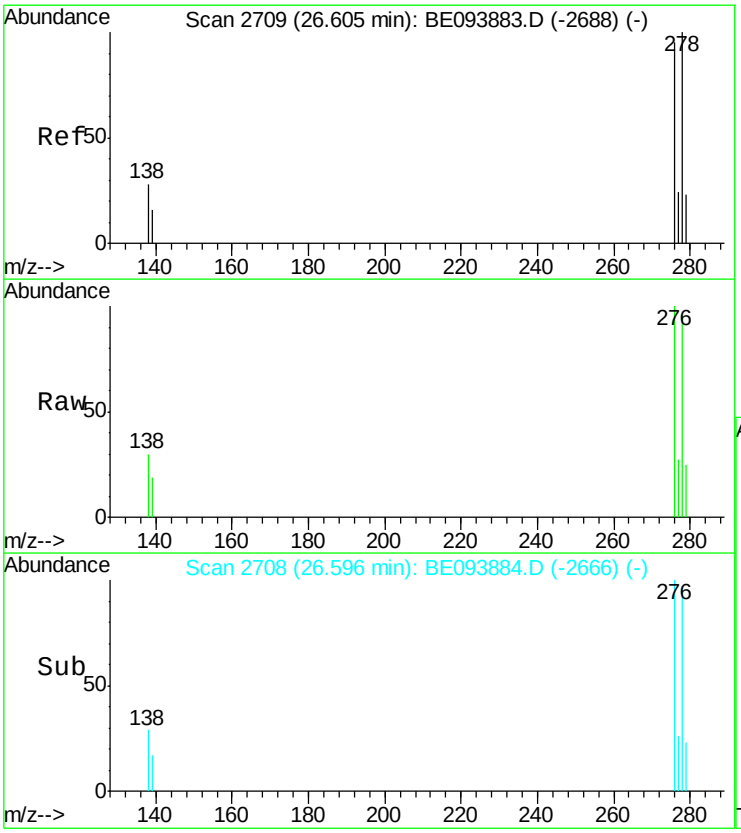
#37
Benzo(a)pyrene
Concen: 0.784 ng
RT: 23.81 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 25892

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.6	29.4
125	12.8	11.8	17.8

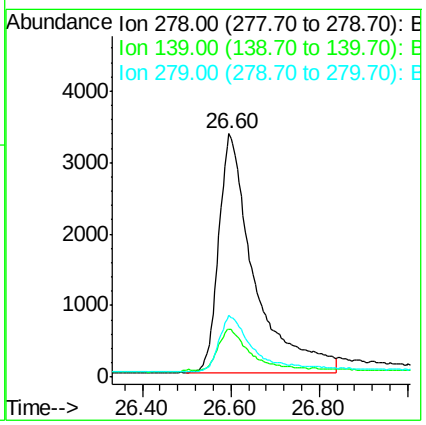


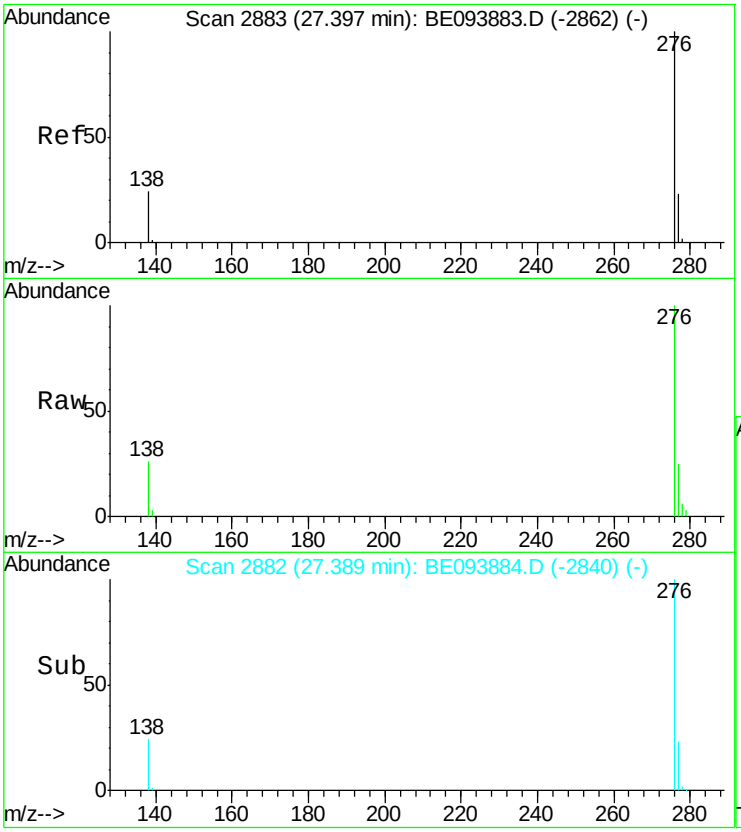


#38
Dibenzo(a,h)anthracene
Concen: 0.625 ng
RT: 26.60 min Scan# 2708
Delta R.T. -0.01 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Tgt Ion:278 Resp: 18655

Ion	Ratio	Lower	Upper
278	100		
139	19.5	16.7	25.1
279	25.5	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.655 ng
RT: 27.39 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BE093884.D
Acq: 26 Aug 2017 10:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 19789

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.6	30.8
138	25.9	21.9	32.9