Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090517\
Data File : BE093928.D
Acq On : 5 Sep 2017 9:29
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Sep 05 12:10:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 12:08:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1812	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	9370	0.40	ng		0.02
13) Acenaphthene-d10	14.52	164	5294	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	11109	0.40	ng		0.00
27) Chrysene-d12	21.43	240	13814	0.40	ng		0.00
34) Perylene-d12	23.94	264	11499	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	588	0.11	ng		0.00
5) Phenol-d6	7.12	99	830	0.10	ng		0.01
8) Nitrobenzene-d5	9.08	82	741	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	1477	0.10	ng		0.01
14) 2,4,6-Tribromophenol	16.03	330	190	0.13	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	2213	0.11	ng		0.00
25) Fluoranthene-d10	19.29	212	15128	0.12	ng		0.00
29) Terphenyl-d14	19.87	244	2629	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	379	0.152	ng	#	78
3) n-Nitrosodimethylamine	3.75	42	255	0.092	ng	#	82
6) bis(2-Chloroethyl)ether	7.35	93	709	0.108	ng		78
9) Naphthalene	10.76	128	10805	0.101	ng	#	97
10) Hexachlorobutadiene	11.04	225	414	0.110	ng		94
12) 2-Methylnaphthalene	12.38	142	1651	0.093	ng		96
16) Acenaphthylene	14.26	152	2497	0.095	ng		99
17) Acenaphthene	14.60	154	1793	0.101	ng		99
18) Fluorene	15.58	166	2338	0.102	ng		100
20) 4-Bromophenyl-phenylether	16.45	248	708	0.154	ng	#	68
21) Hexachlorobenzene	16.58	284	706	0.176	ng	#	100
22) Pentachlorophenol	16.94	266	248	0.142	ng		91
23) Phenanthrene	17.30	178	4275	0.151	ng	#	98
24) Anthracene	17.40	178	3045	0.090	ng	#	93
26) Fluoranthene	19.32	202	4502	0.116	ng		99
28) Pyrene	19.67	202	4723	0.102	ng		98
30) Benzo(a)anthracene	21.40	228	4096	0.100	ng	#	90
31) Chrysene	21.46	228	4546	0.100	ng	#	93
32) Bis(2-ethylhexyl)phthalate	21.30	149	11917	0.138	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.61	276	2963	0.095	ng	#	63
35) Benzo(b)fluoranthene	23.17	252	3421	0.093	ng	#	70
36) Benzo(k)fluoranthene	23.22	252	4274	0.102	ng	#	69
37) Benzo(a)pyrene	23.83	252	3638	0.100	ng	#	43
38) Dibenzo(a,h)anthracene	26.63	278	2215	0.086	ng	#	48
39) Benzo(g,h,i)perylene	27.43	276	2542	0.091	ng	#	73

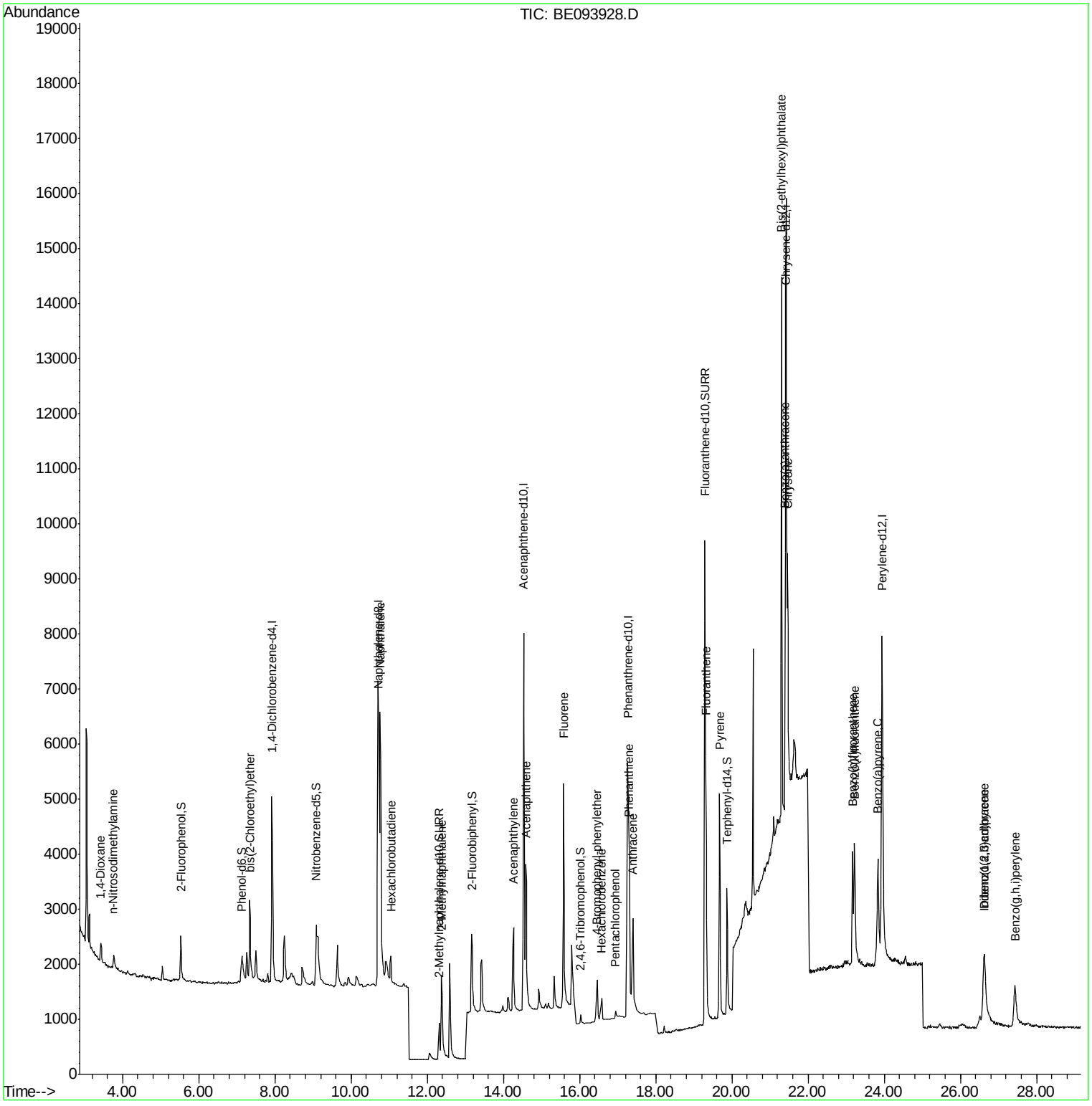
(#) = qualifier out of range (m) = manual integration (+) = signals summed

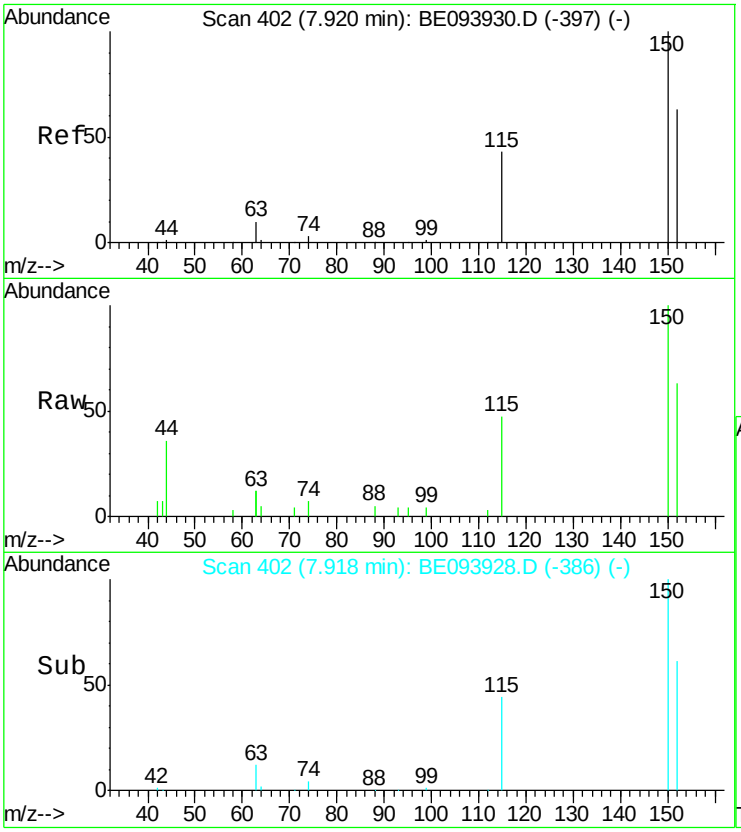
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090517\
Data File : BE093928.D
Acq On : 5 Sep 2017 9:29
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 05 12:10:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 12:08:29 2017
Response via : Initial Calibration



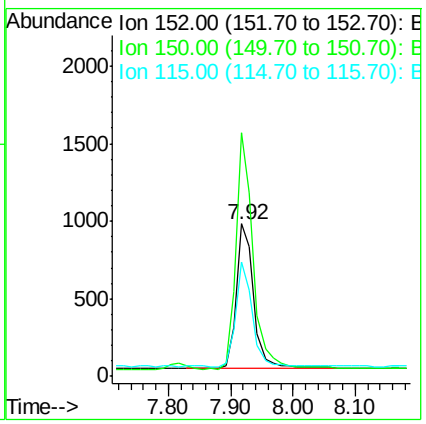


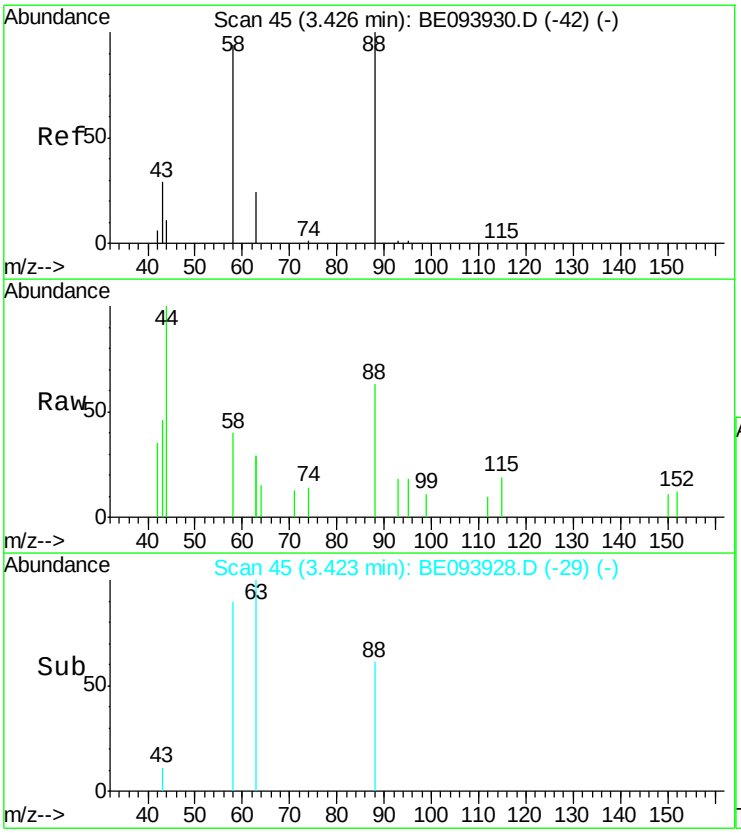
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1812

Ion	Ratio	Lower	Upper
152	100		
150	159.6	121.8	182.6
115	74.7	52.6	79.0

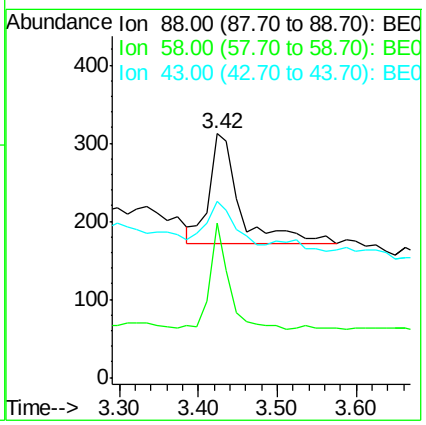


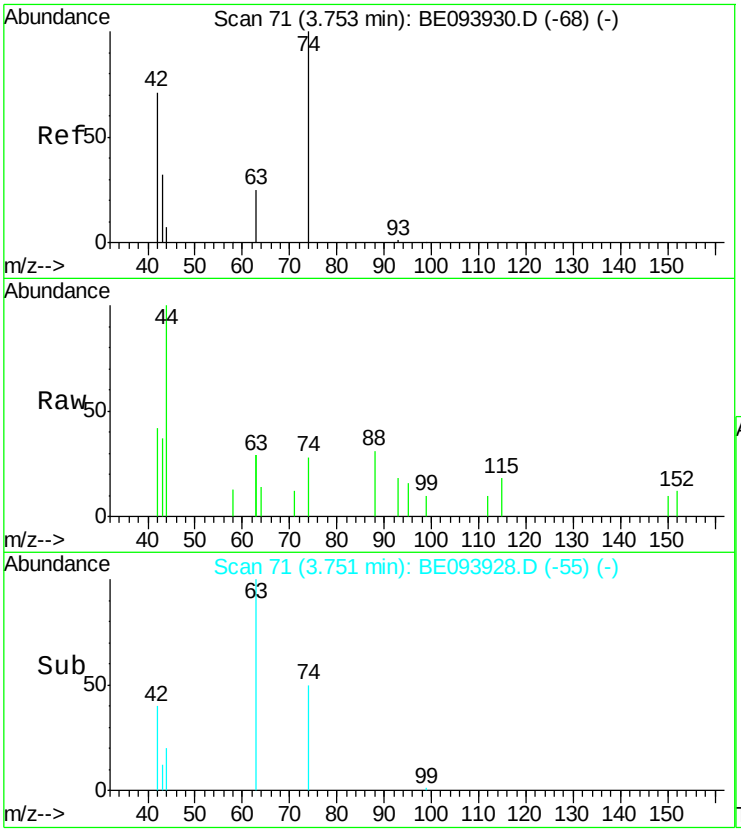


#2
1,4-Dioxane
Concen: 0.152 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion: 88 Resp: 379

Ion	Ratio	Lower	Upper
88	100		
58	59.1	65.4	98.0#
43	36.4	23.9	35.9#



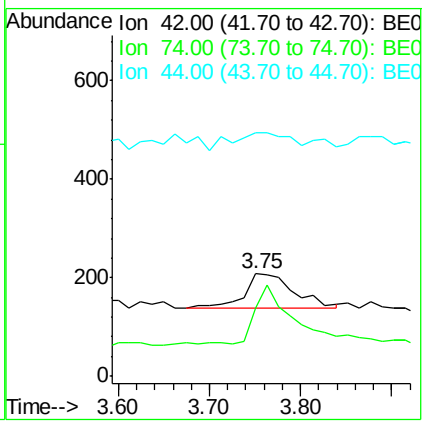


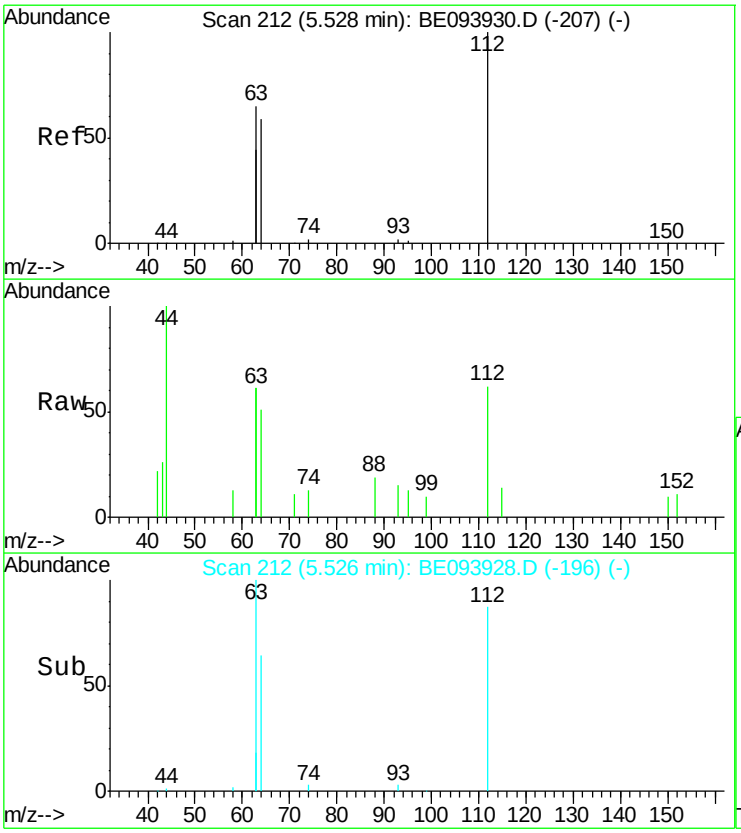
#3
n-Nitrosodimethylamine
Concen: 0.092 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 255

Ion	Ratio	Lower	Upper
42	100		
74	138.4	104.0	156.0
44	59.2	13.8	20.8#

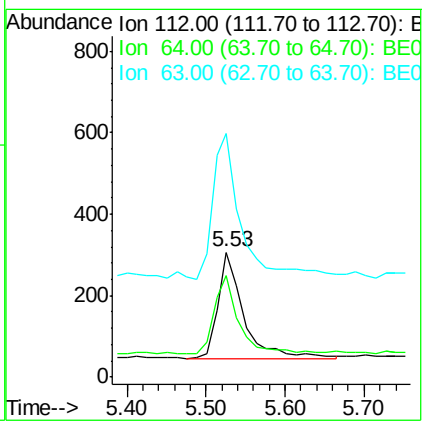


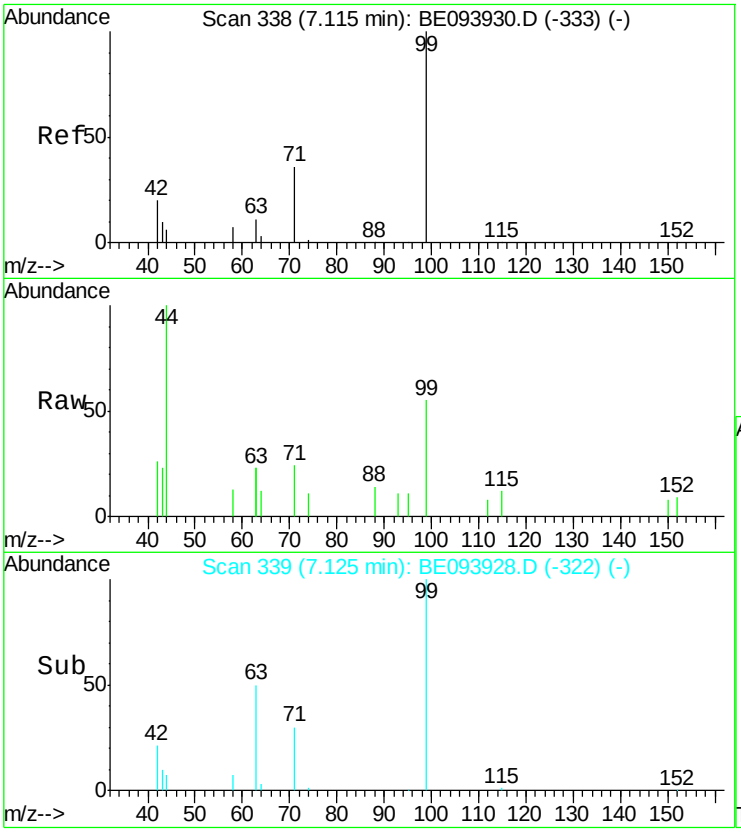


#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:112 Resp: 588

Ion	Ratio	Lower	Upper
112	100		
64	67.5	57.7	86.5
63	150.9	116.0	174.0



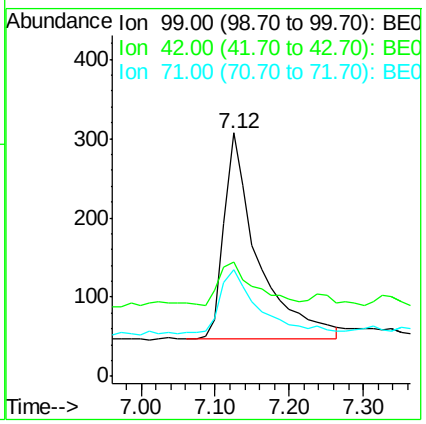


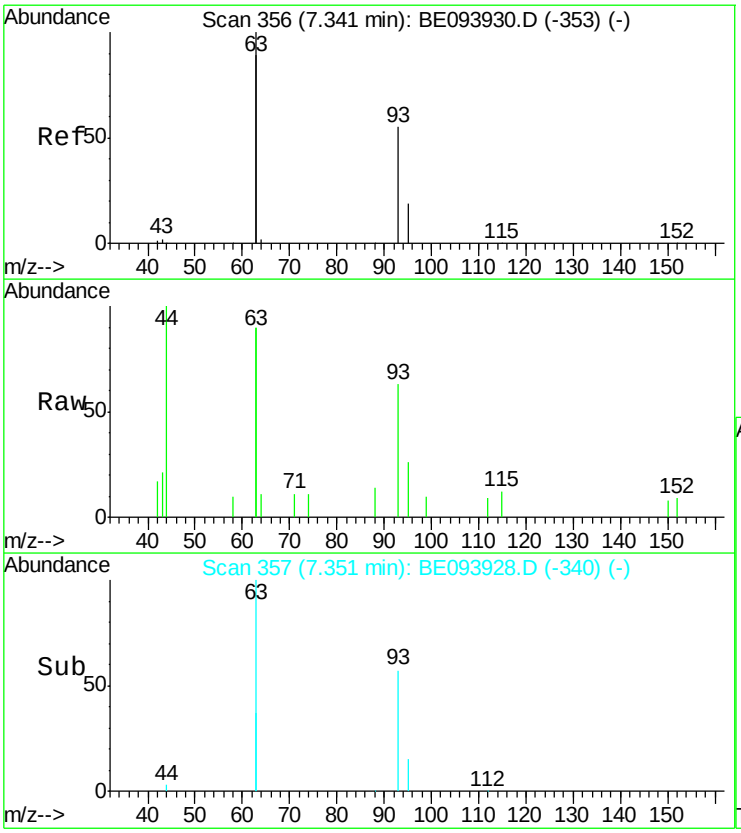
#5
Phenol-d6
Concen: 0.097 ng
RT: 7.12 min Scan# 339
Delta R.T. 0.01 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 830

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.1	25.7
71	34.7	26.6	39.8

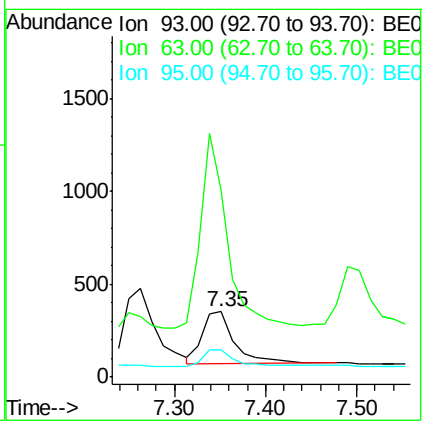


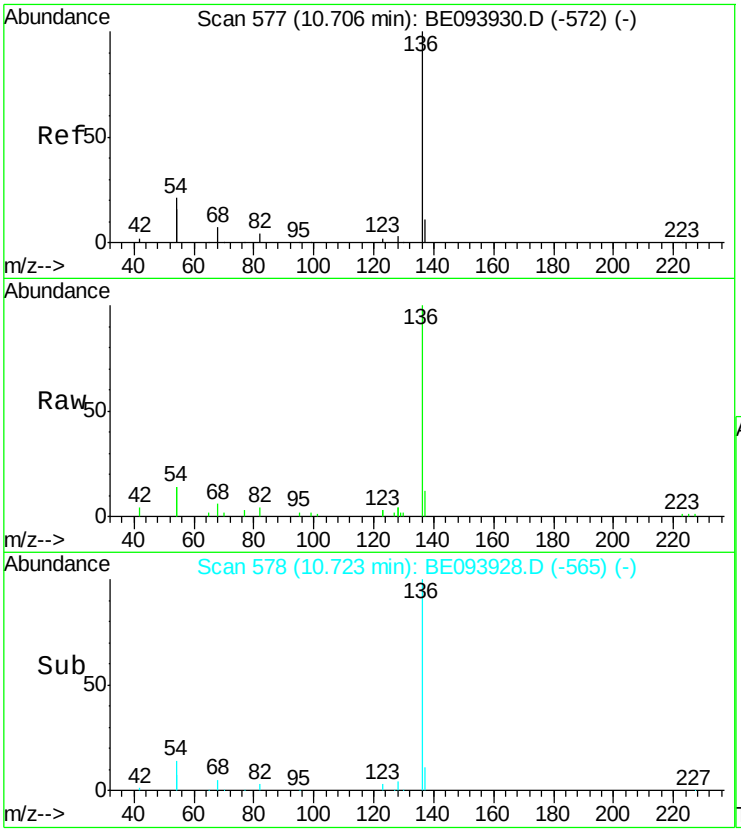


#6
bis(2-Chloroethyl)ether
Concen: 0.108 ng
RT: 7.35 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion: 93 Resp: 709

Ion	Ratio	Lower	Upper
93	100		
63	303.2	283.4	425.2
95	31.2	26.9	40.3



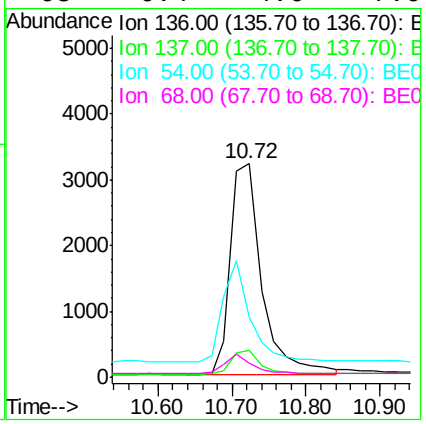


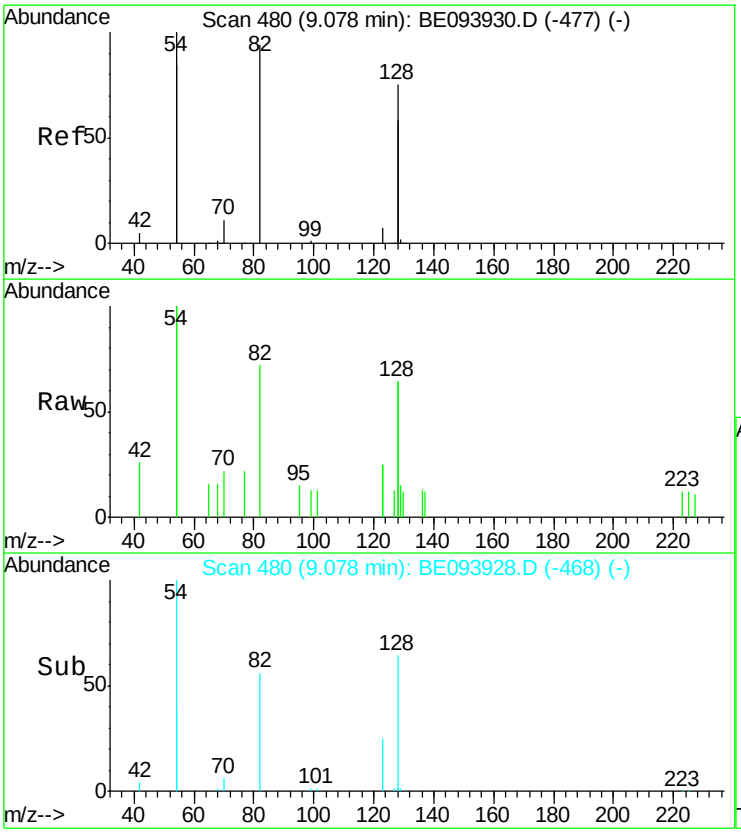
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.02 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 9370

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	28.1	21.9	32.9
68	6.4	4.6	7.0

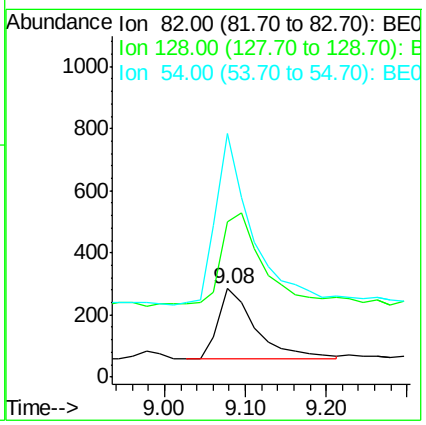


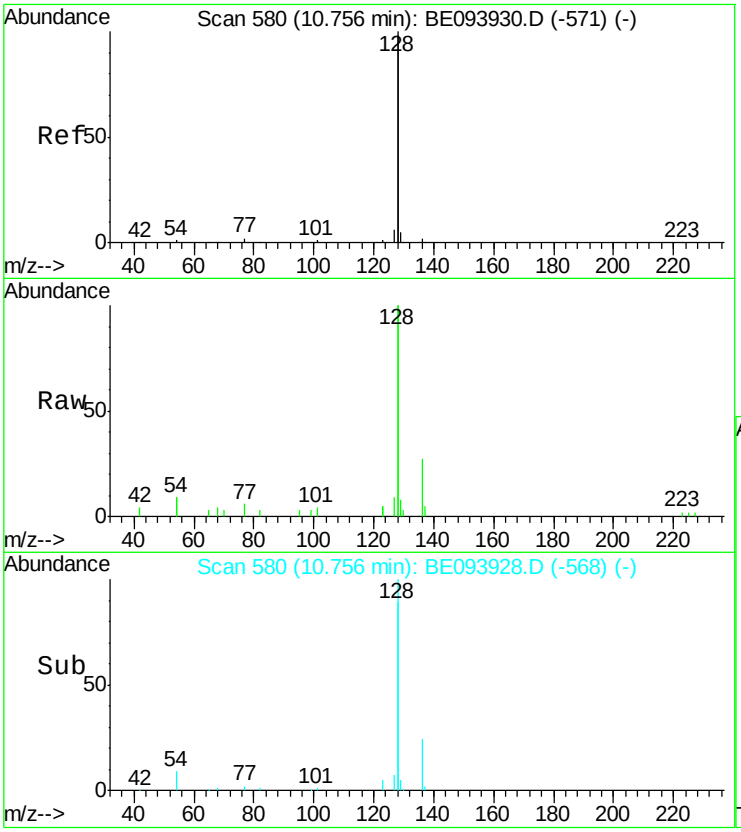


#8
Nitrobenzene-d5
Concen: 0.095 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion: 82 Resp: 741

Ion	Ratio	Lower	Upper
82	100		
128	175.4	91.4	137.0#
54	276.1	197.8	296.8



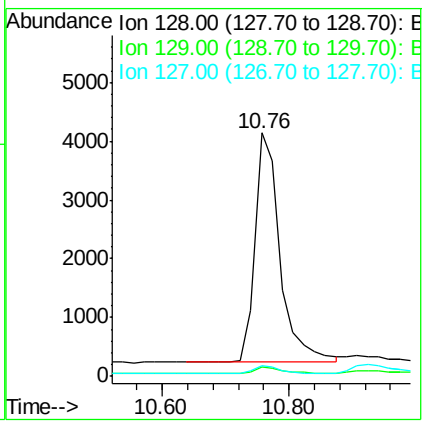


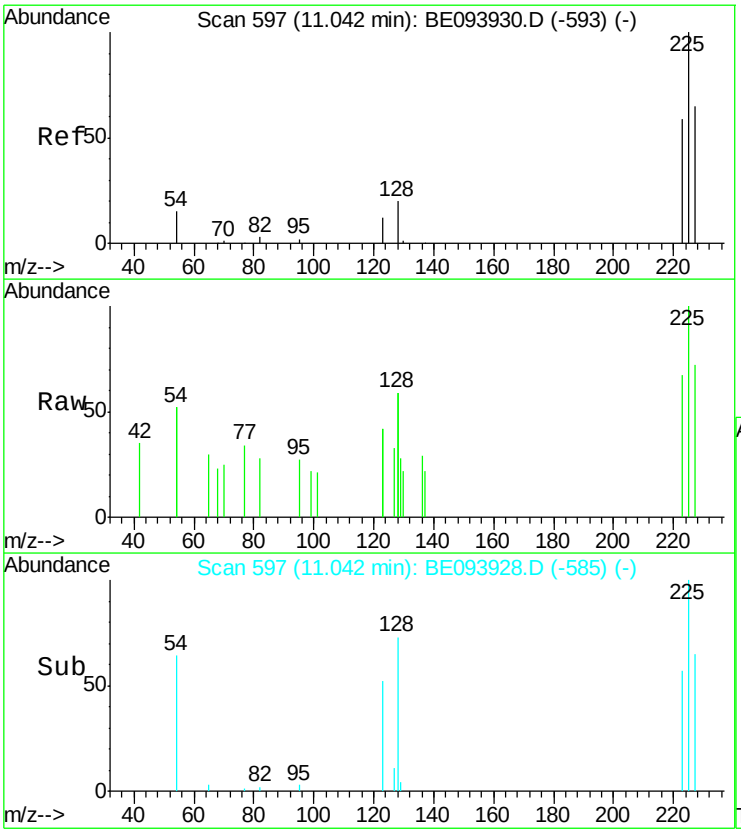
#9
Naphthalene
Concen: 0.101 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 10805

Ion	Ratio	Lower	Upper
128	100		
129	3.9	2.5	3.7#
127	4.5	2.6	4.0#

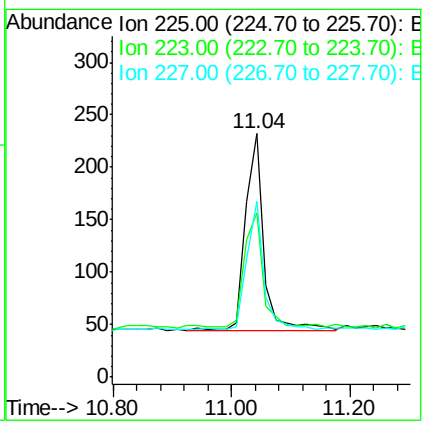


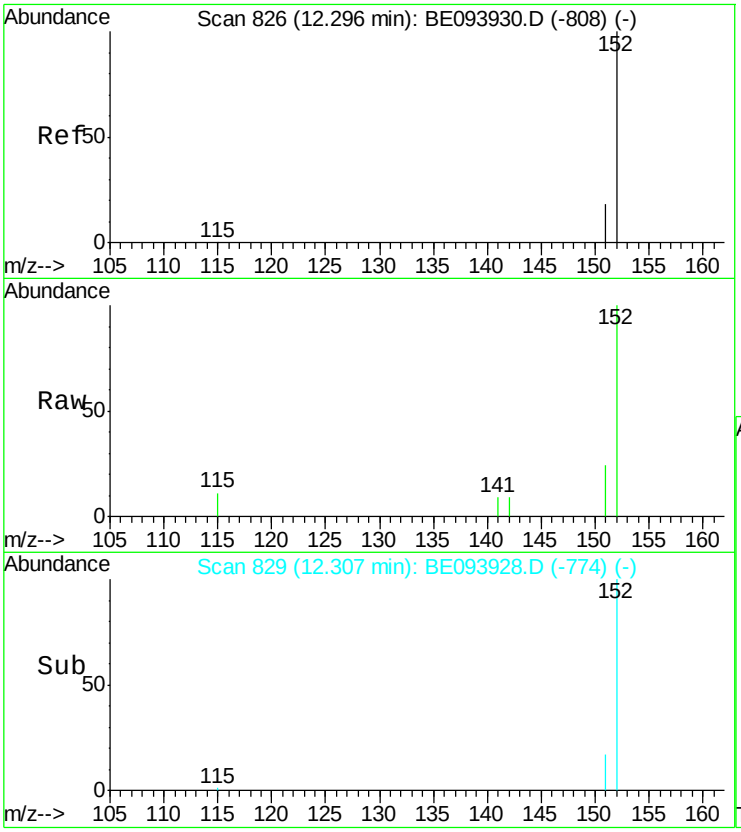


#10
Hexachlorobutadiene
Concen: 0.110 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:225 Resp: 414

Ion	Ratio	Lower	Upper
225	100		
223	55.8	49.4	74.0
227	60.1	50.5	75.7



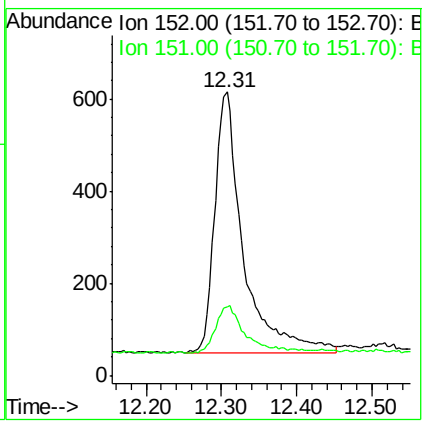


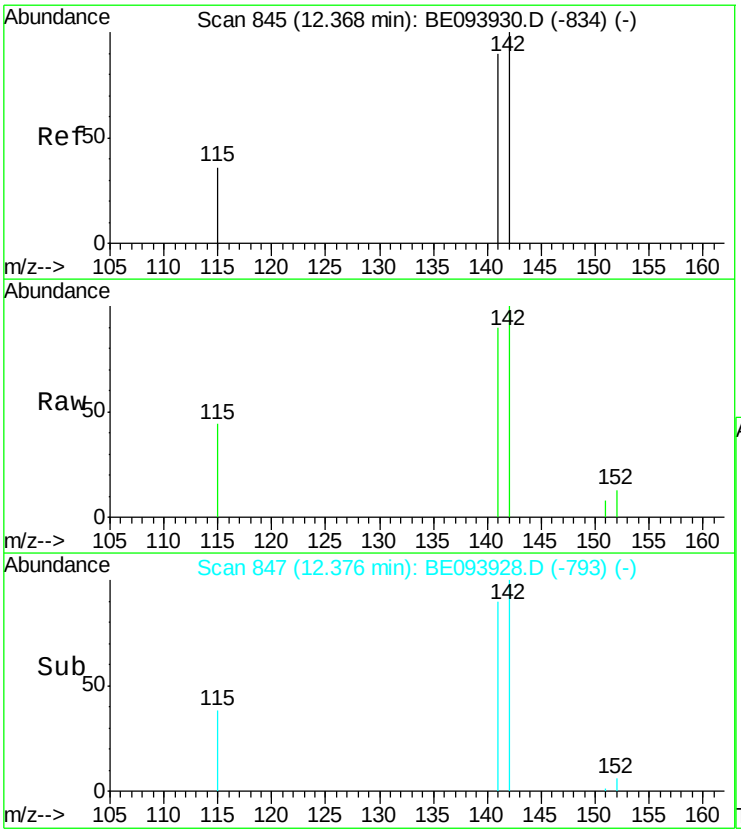
#11
2-Methylnaphthalene-d10
Concen: 0.100 ng
RT: 12.31 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1477

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.0

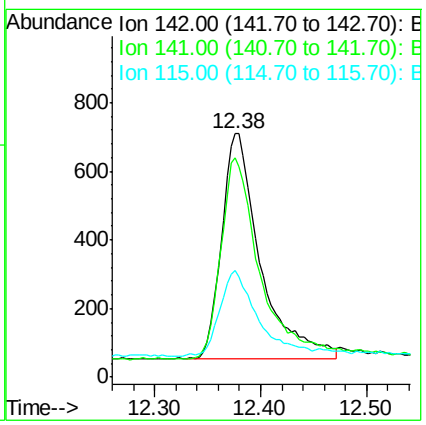


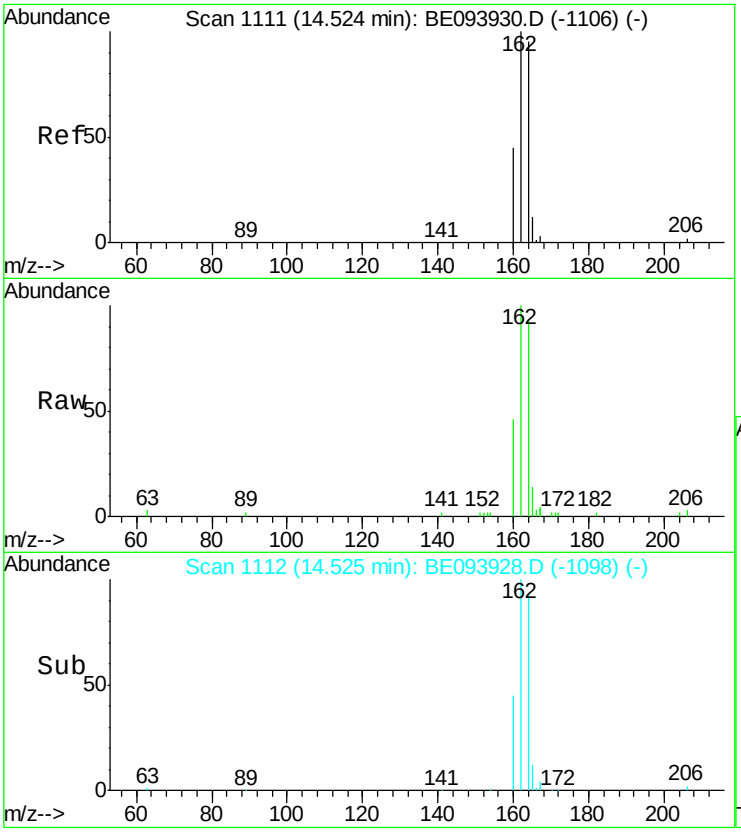


#12
2-Methylnaphthalene
Concen: 0.093 ng
RT: 12.38 min Scan# 847
Delta R.T. 0.01 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:142 Resp: 1651

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.2
115	43.7	29.4	44.0



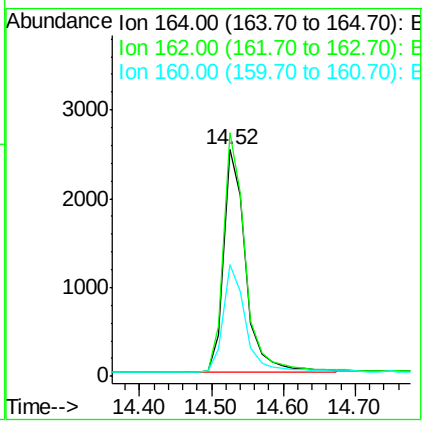


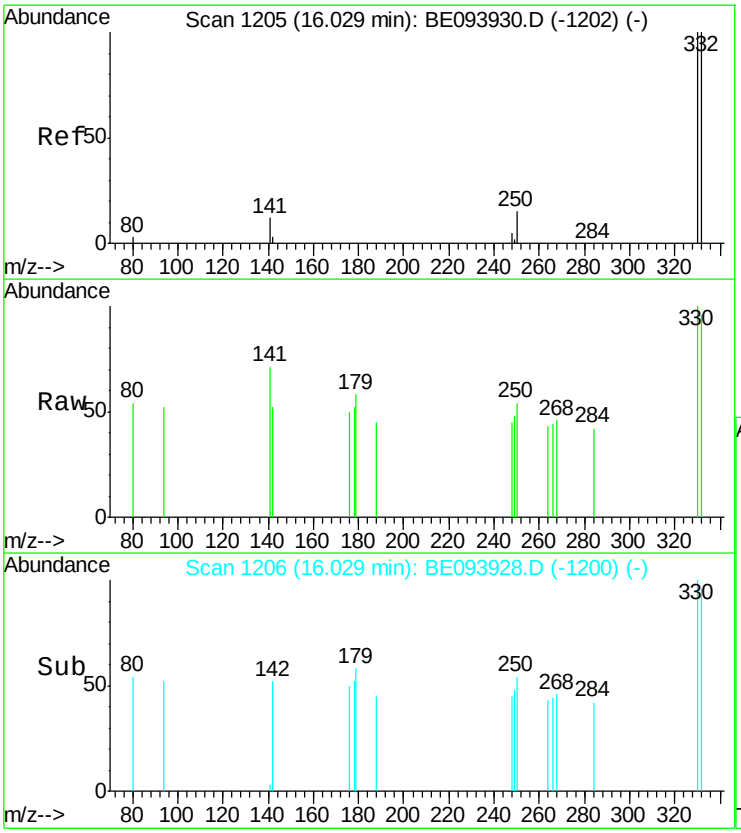
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 5294

Ion	Ratio	Lower	Upper
164	100		
162	107.5	80.8	121.2
160	49.6	37.0	55.4

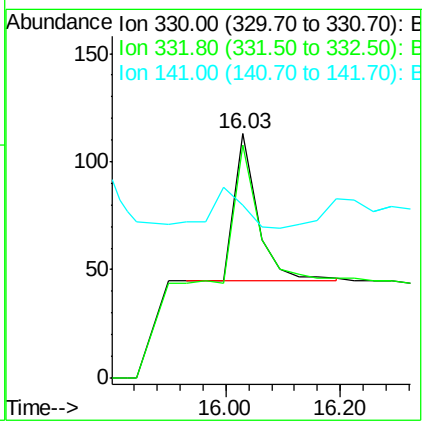


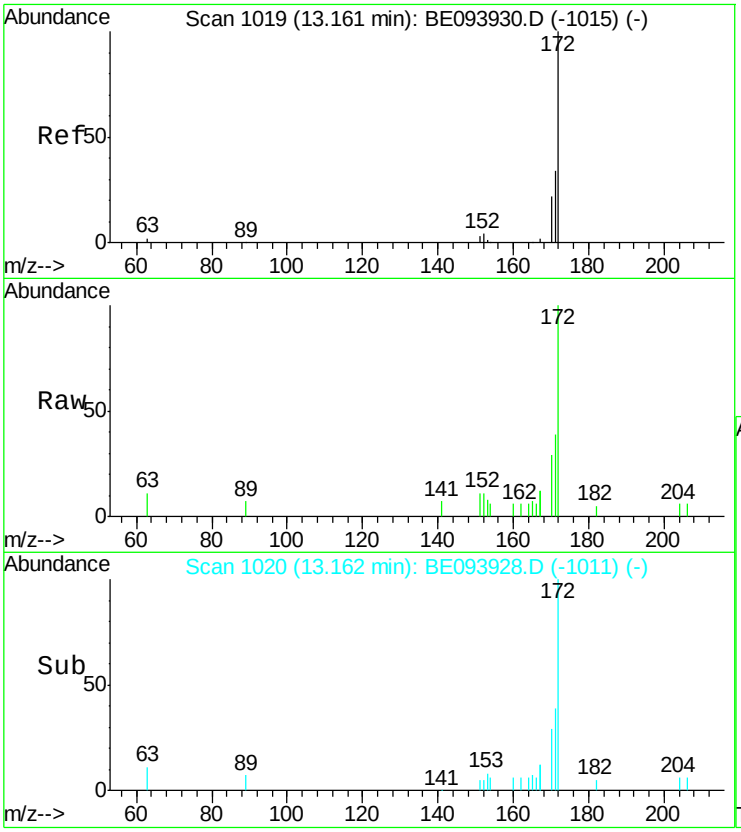


#14
2,4,6-Tribromophenol
Concen: 0.134 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:330 Resp: 190

Ion	Ratio	Lower	Upper
330	100		
332	100.0	76.9	115.3
141	0.0	0.0	0.0



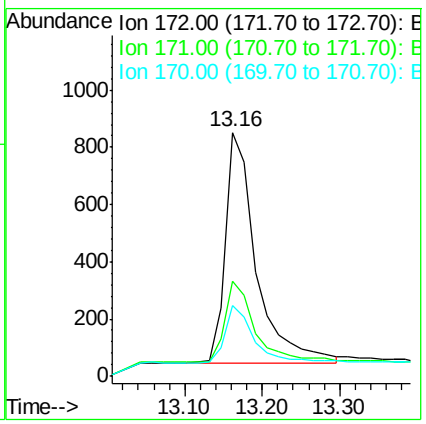


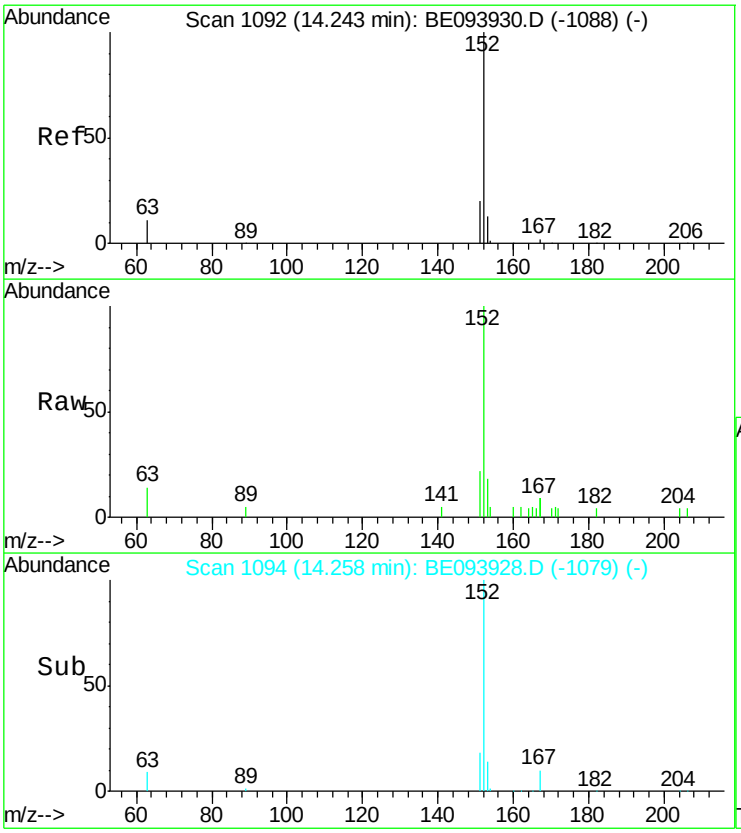
#15
2-Fluorobiphenyl
Concen: 0.105 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 2213

Ion	Ratio	Lower	Upper
172	100		
171	39.1	26.9	40.3
170	29.1	17.3	25.9#

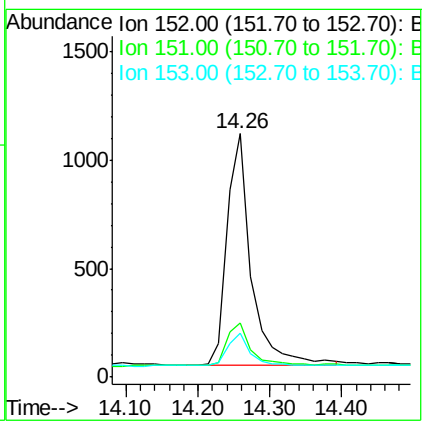


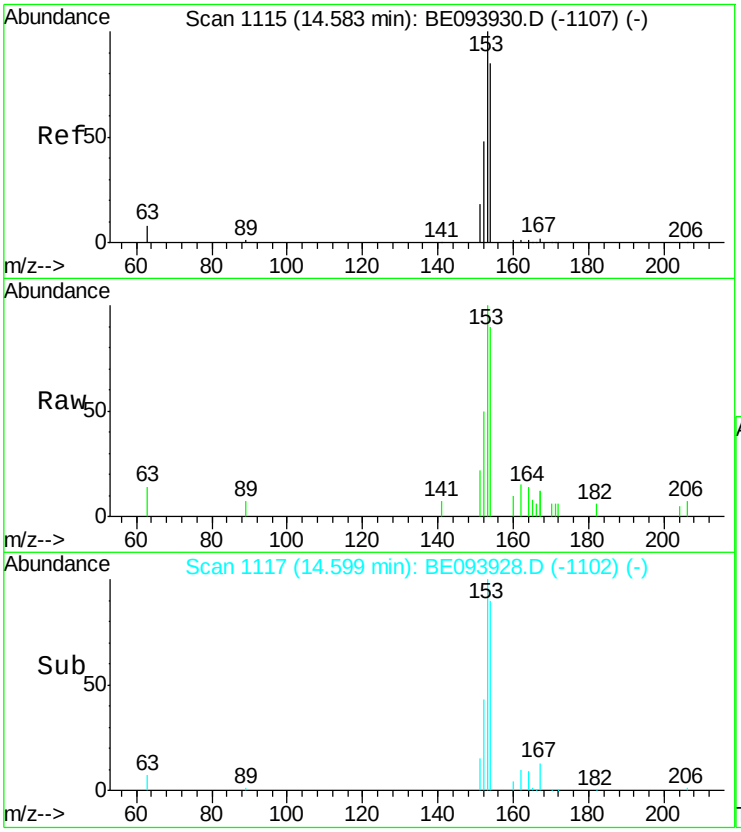


#16
Acenaphthylene
Concen: 0.095 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:152 Resp: 2497

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.7	23.5
153	13.5	10.6	16.0



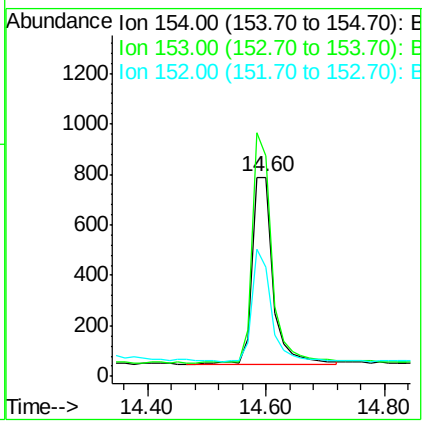


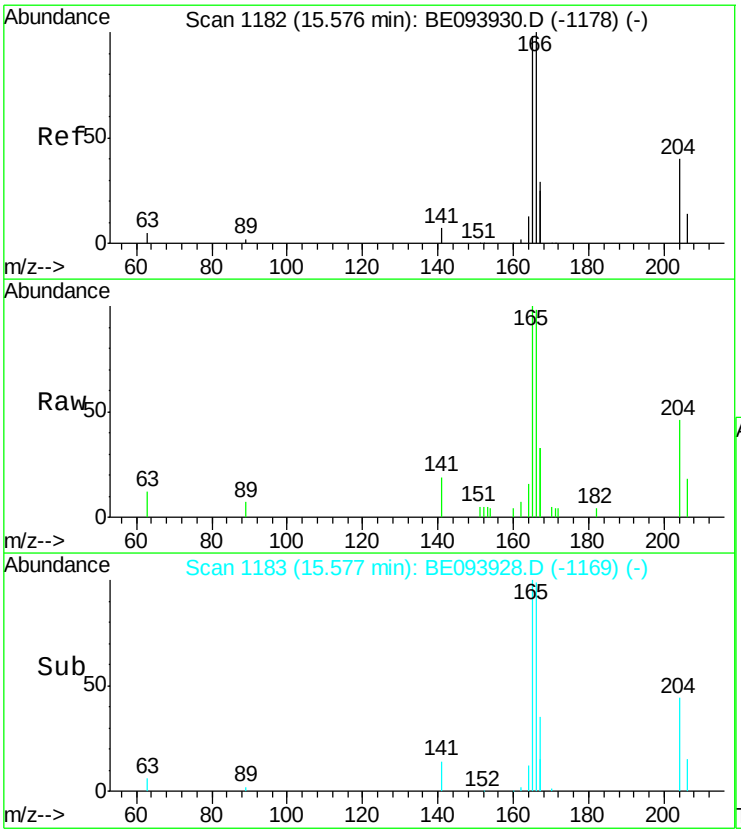
#17
Acenaphthene
Concen: 0.101 ng
RT: 14.60 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1793

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.8	137.6
152	54.9	44.9	67.3

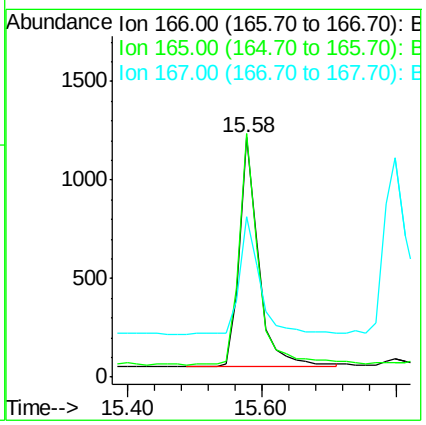


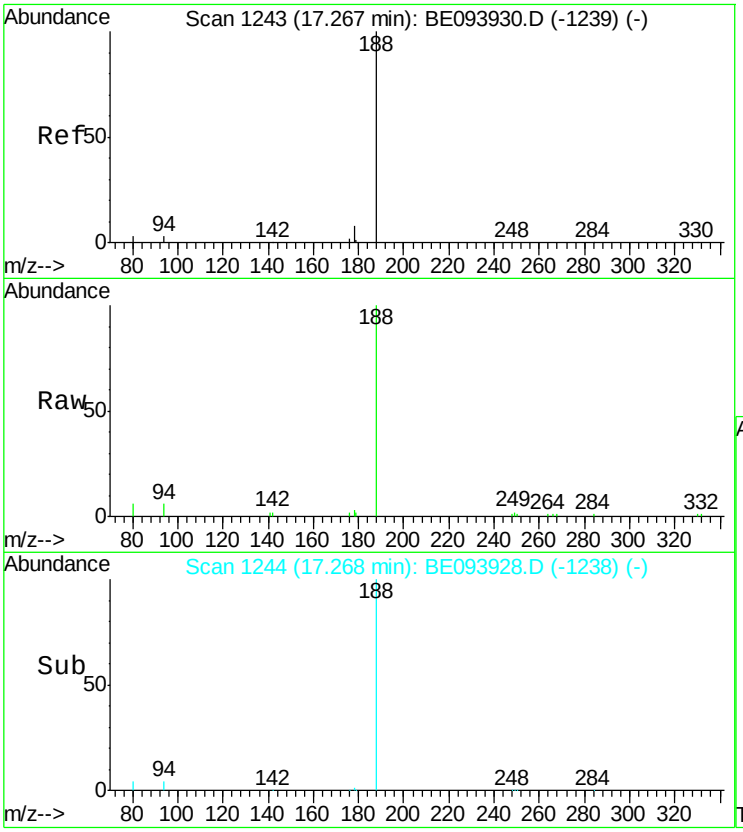


#18
Fluorene
Concen: 0.102 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:166 Resp: 2338

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.4	119.0
167	54.1	43.5	65.3



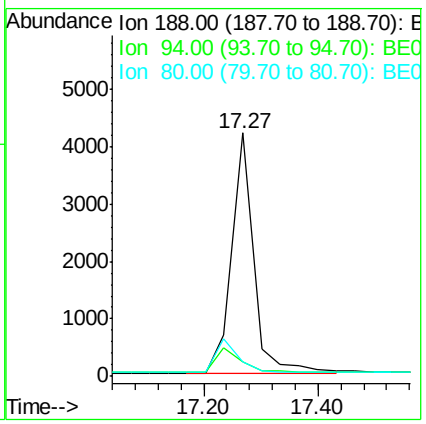


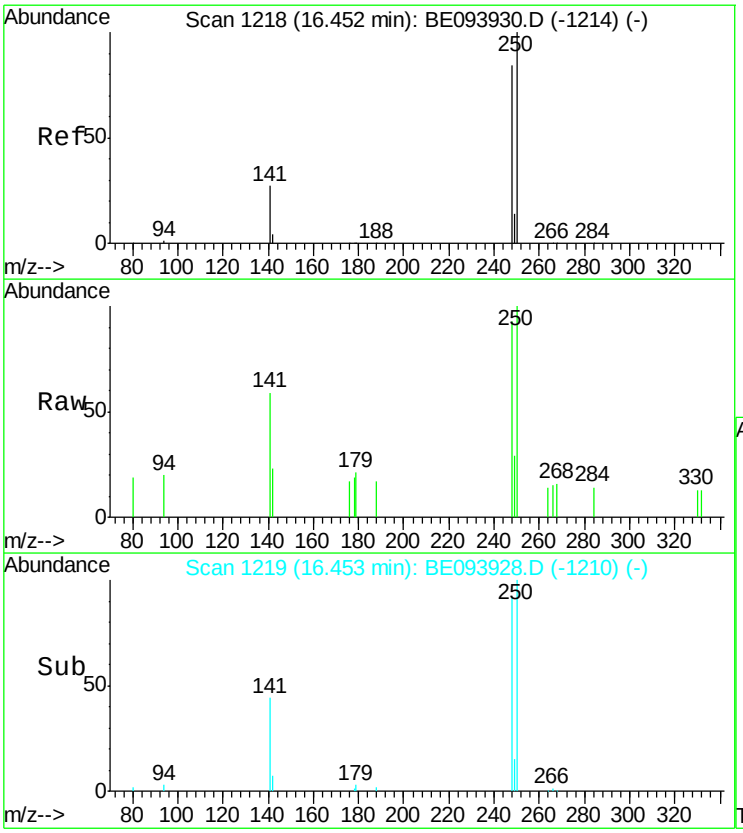
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 11109

Ion	Ratio	Lower	Upper
188	100		
94	5.8	16.1	24.1#
80	5.8	18.2	27.2#

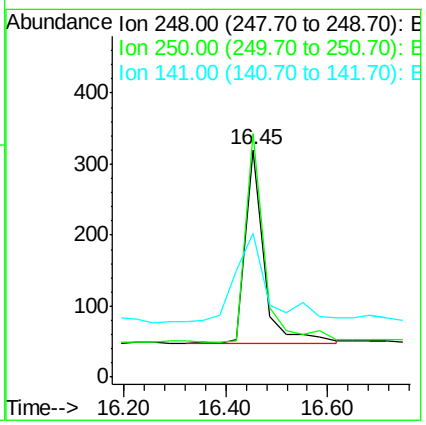


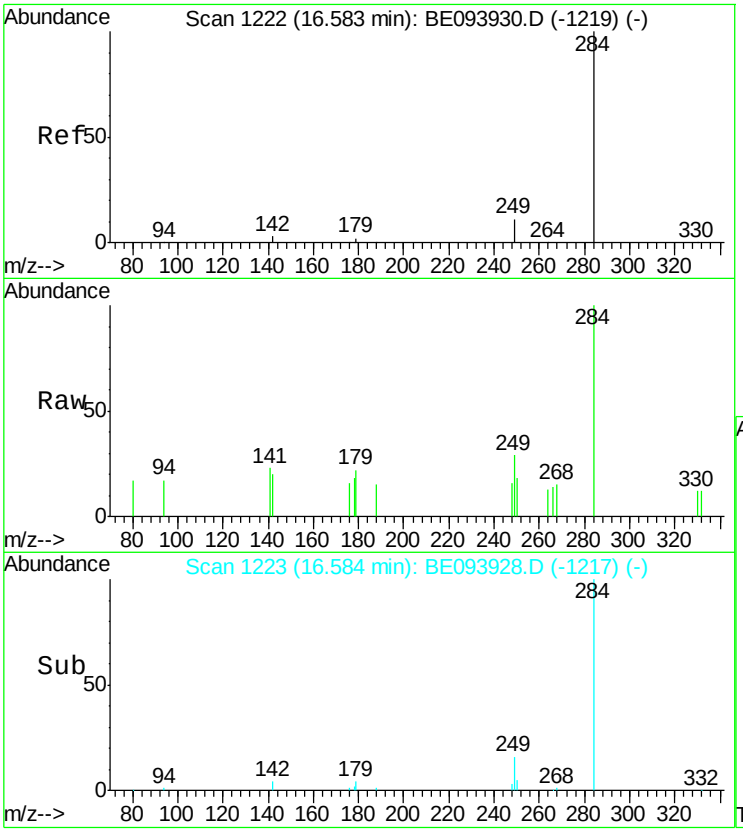


#20
4-Bromophenyl-phenylether
Concen: 0.154 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:248 Resp: 708

Ion	Ratio	Lower	Upper
248	100		
250	107.2	111.8	167.8#
141	63.1	27.1	40.7#



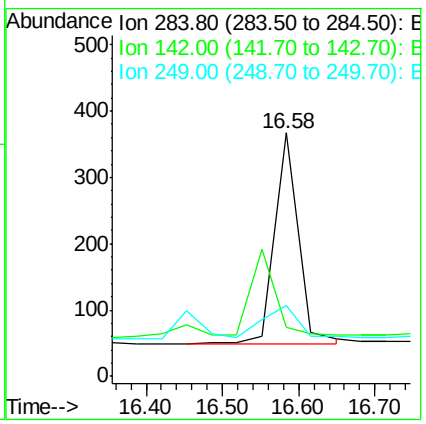


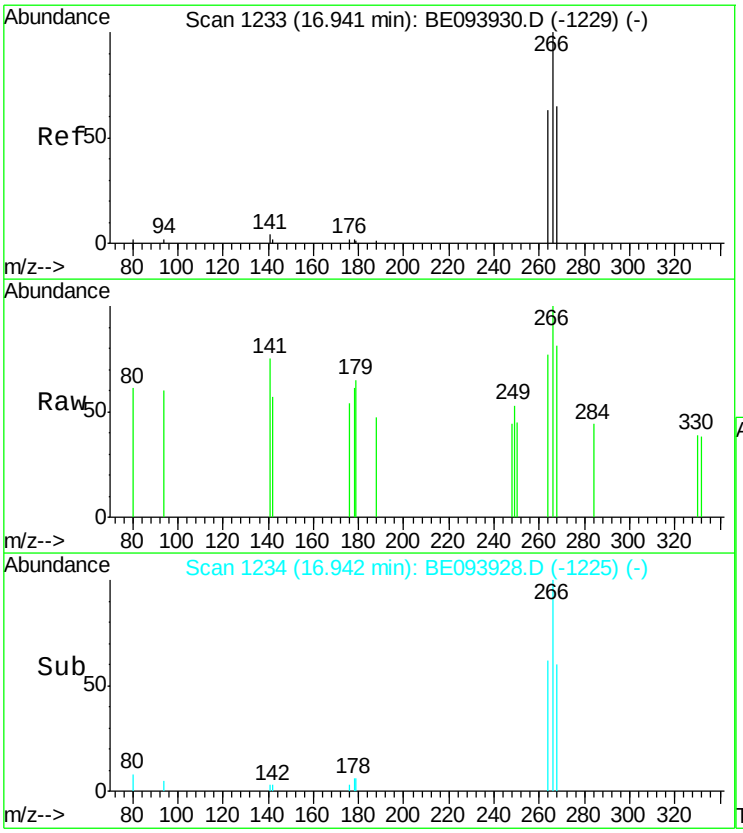
#21
Hexachlorobenzene
Concen: 0.176 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 706

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	21.7	0.0	0.0#

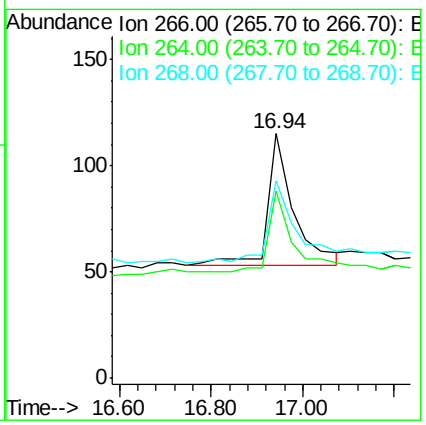


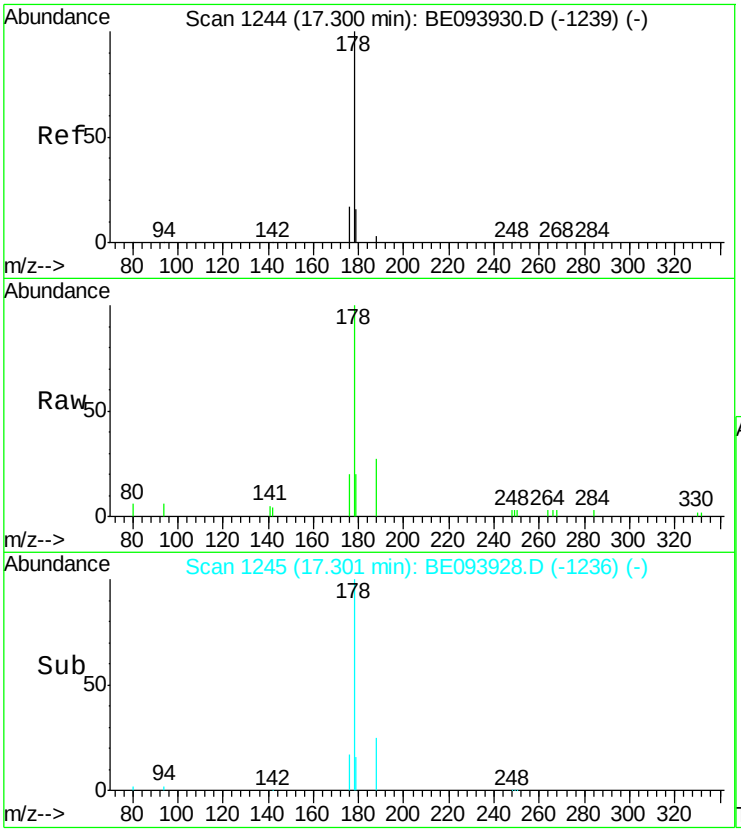


#22
Pentachlorophenol
Concen: 0.142 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:266 Resp: 248

Ion	Ratio	Lower	Upper
266	100		
264	76.5	53.5	80.3
268	80.9	60.0	90.0



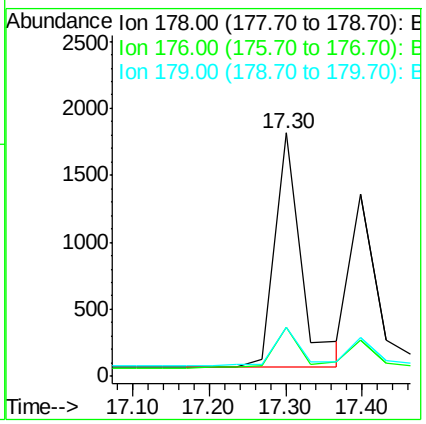


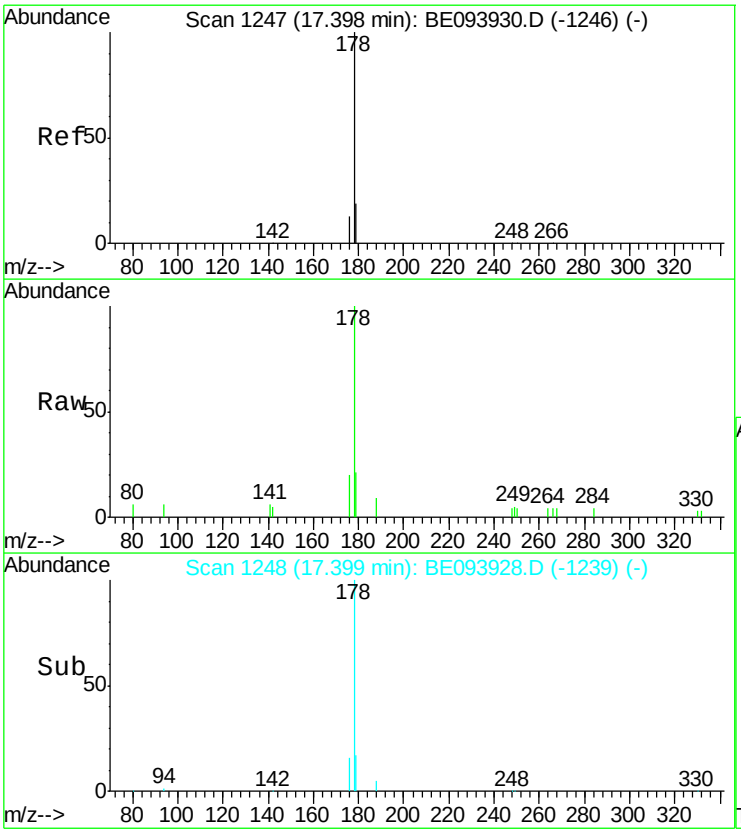
#23
Phenanthrene
Concen: 0.151 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 4275

Ion	Ratio	Lower	Upper
178	100		
176	18.7	0.0	0.0#
179	16.7	12.6	18.8

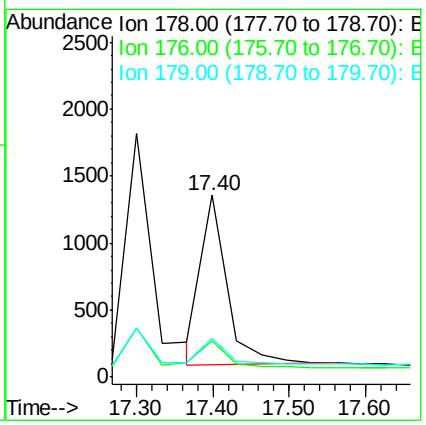


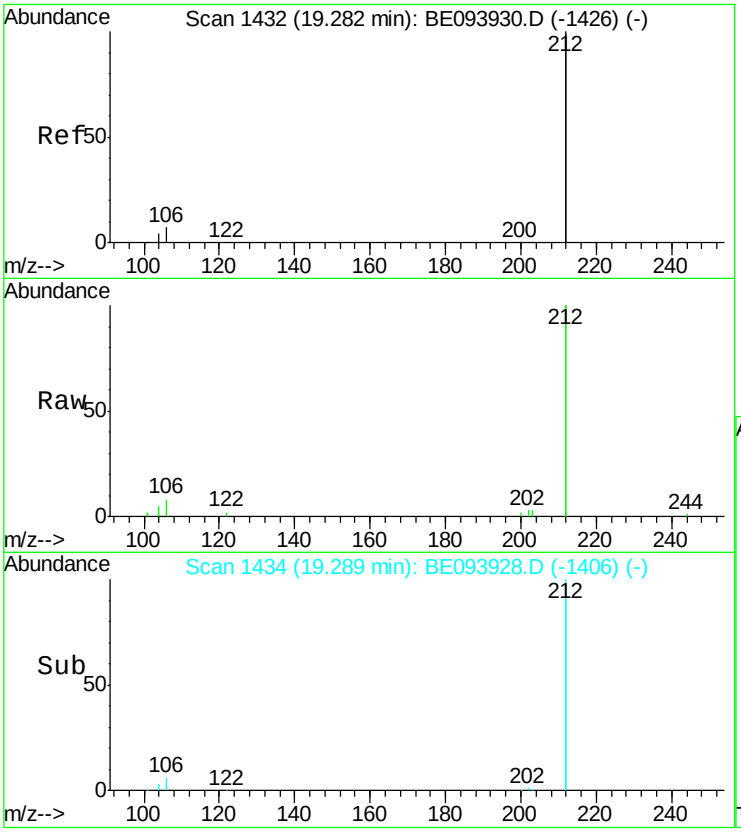


#24
Anthracene
Concen: 0.090 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:178 Resp: 3045

Ion	Ratio	Lower	Upper
178	100		
176	16.8	16.0	24.0
179	16.7	0.0	0.0#



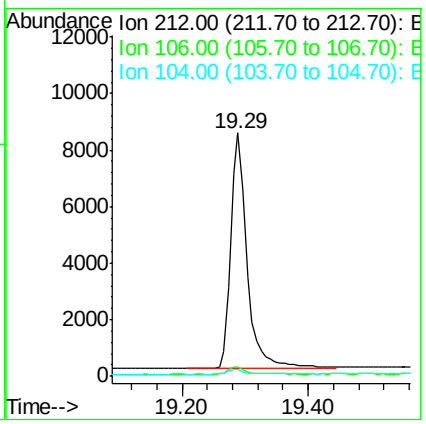


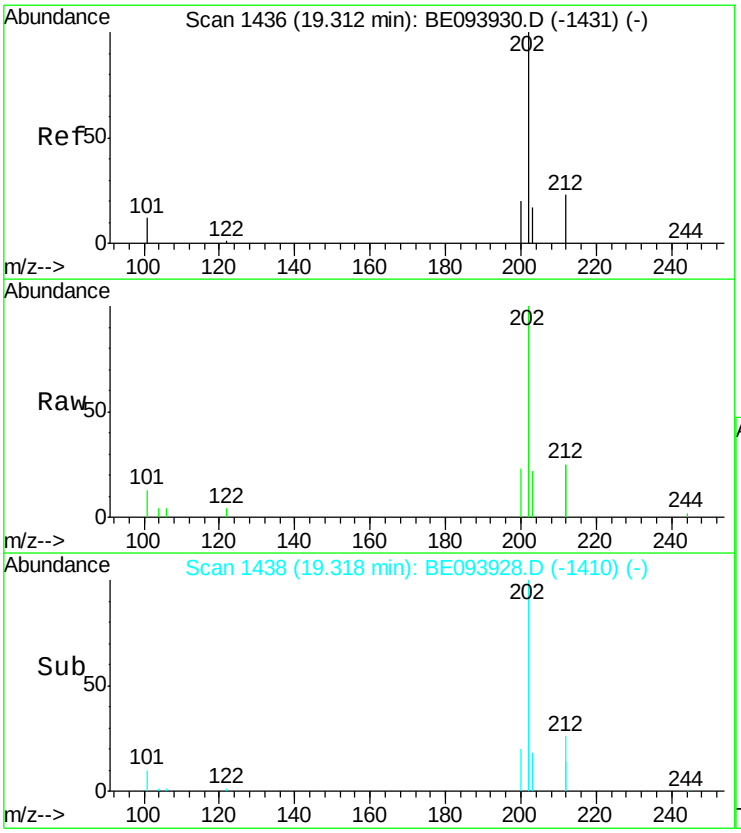
#25
Fluoranthene-d10
Concen: 0.118 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 15128

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.7	4.1
104	2.0	1.6	2.4

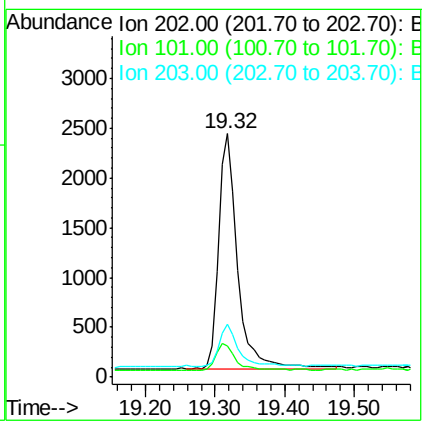


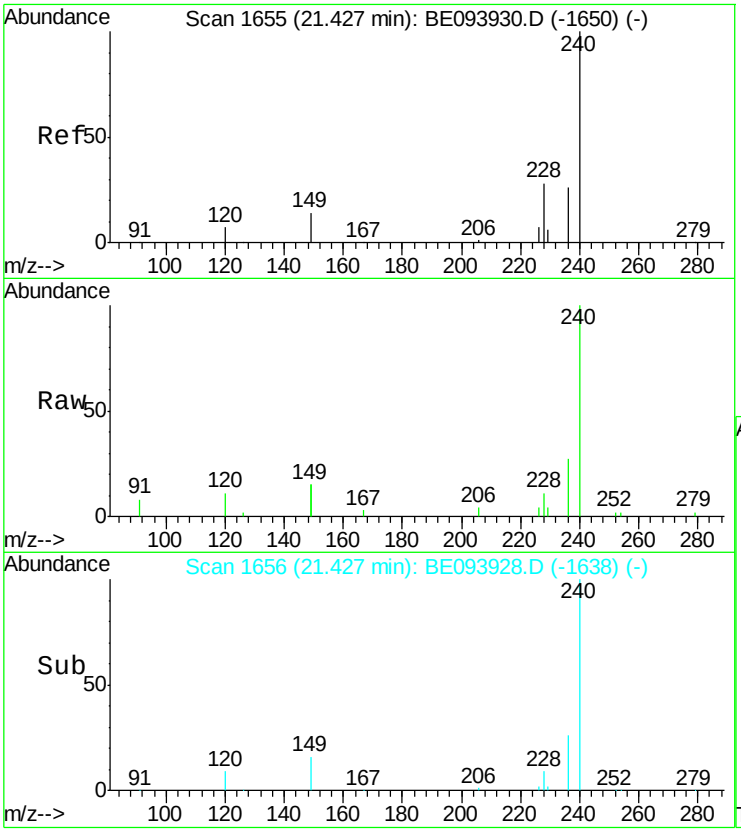


#26
Fluoranthene
Concen: 0.116 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:202 Resp: 4502

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.7	14.5
203	17.6	13.7	20.5



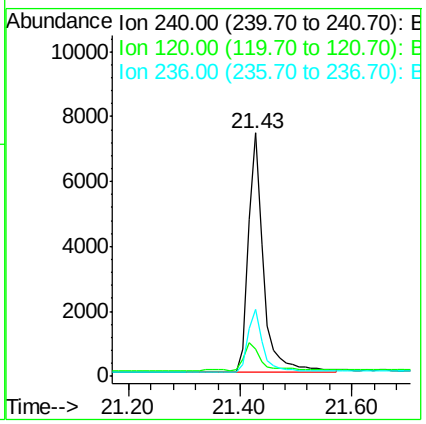


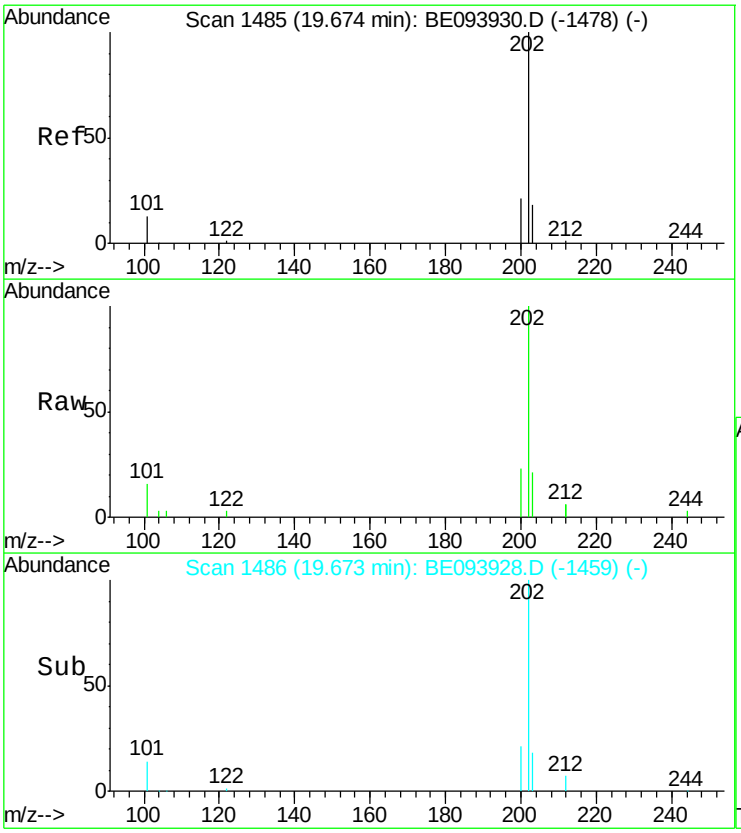
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 13814

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.7	13.1
236	27.4	21.3	31.9

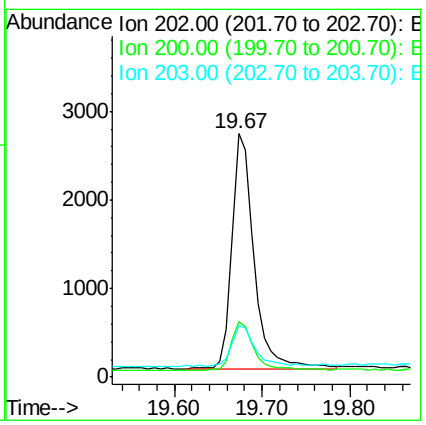


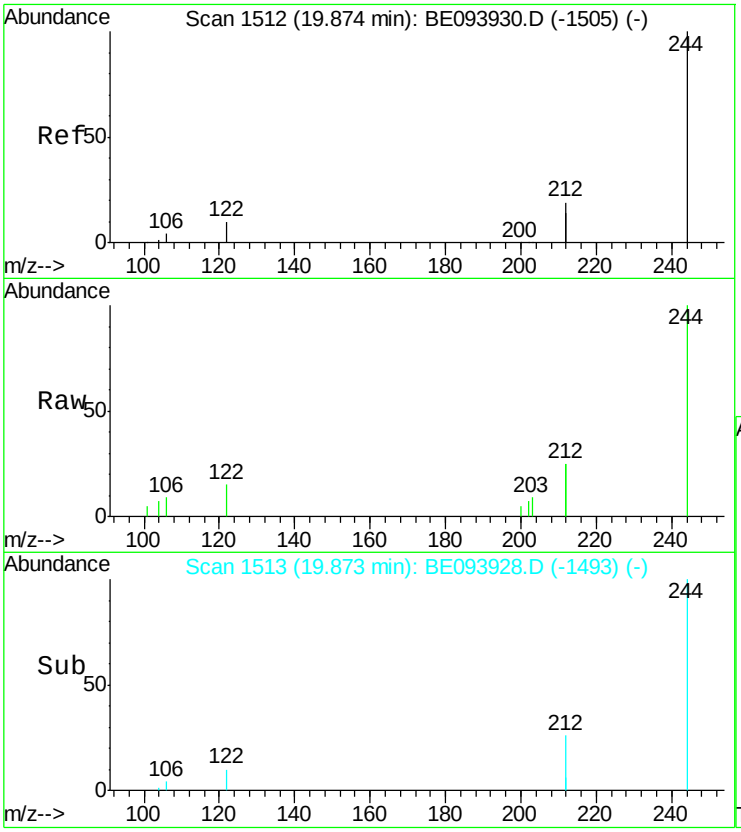


#28
Pyrene
Concen: 0.102 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:202 Resp: 4723

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	18.5	14.2	21.4



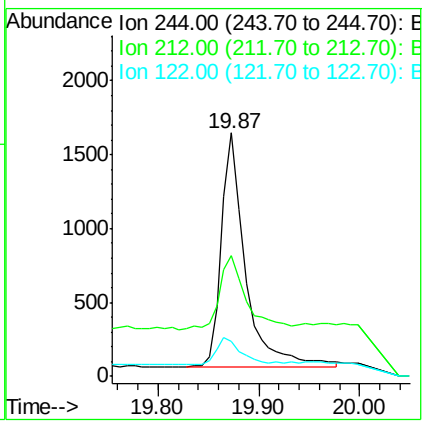


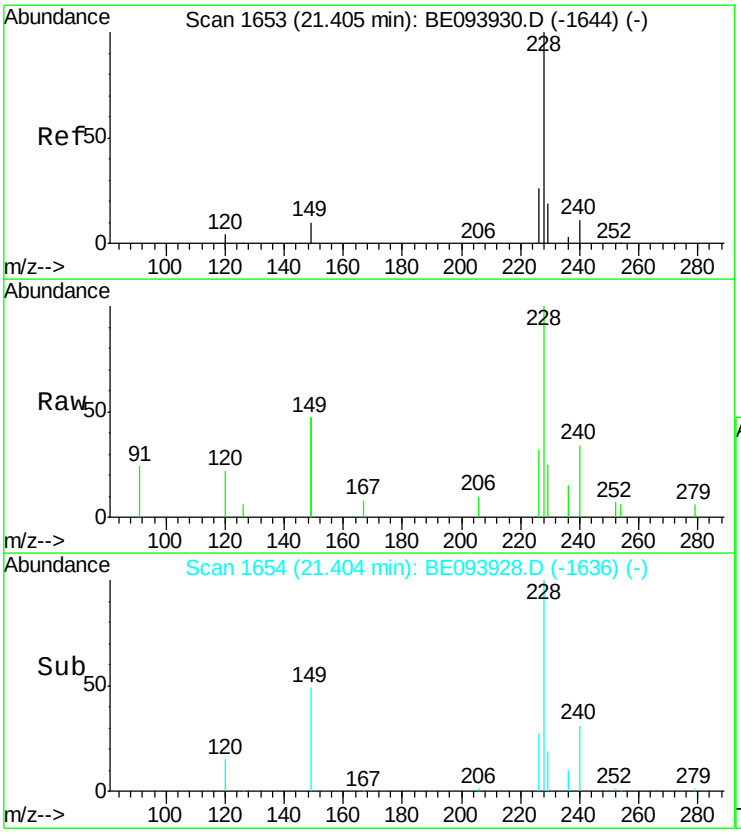
#29
Terphenyl-d14
Concen: 0.105 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 2629

Ion	Ratio	Lower	Upper
244	100		
212	49.5	28.3	42.5#
122	14.6	9.4	14.0#

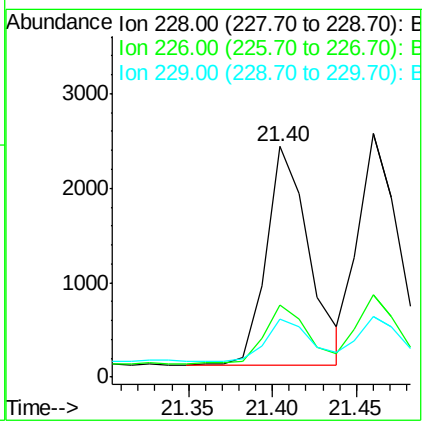


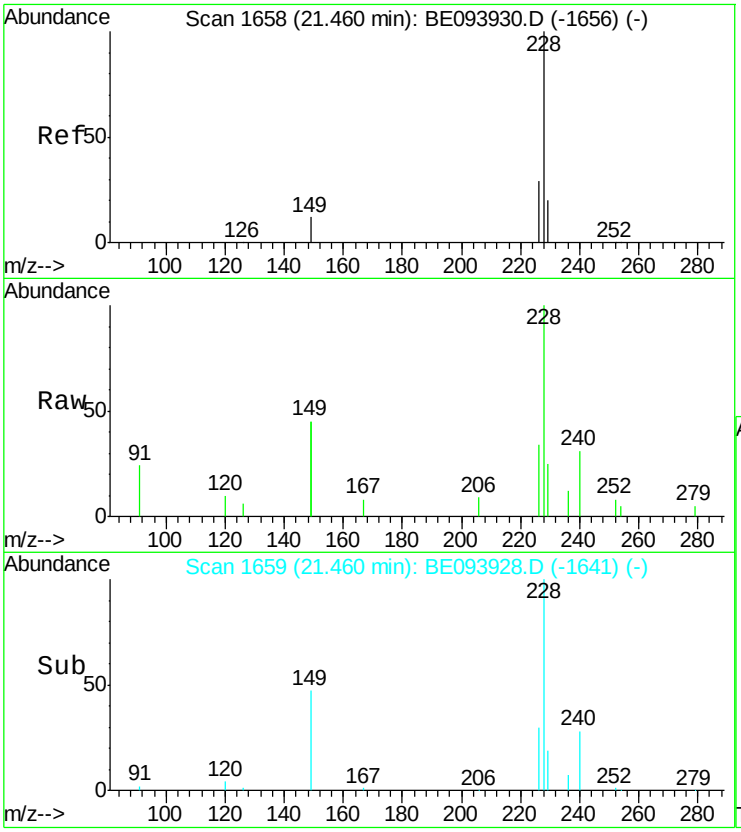


#30
Benzo(a)anthracene
Concen: 0.100 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:228 Resp: 4096

Ion	Ratio	Lower	Upper
228	100		
226	31.5	20.8	31.2#
229	25.0	16.6	25.0#



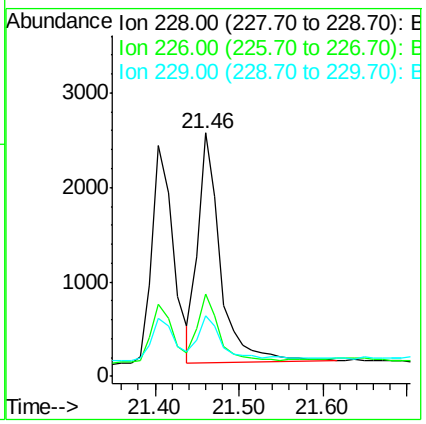


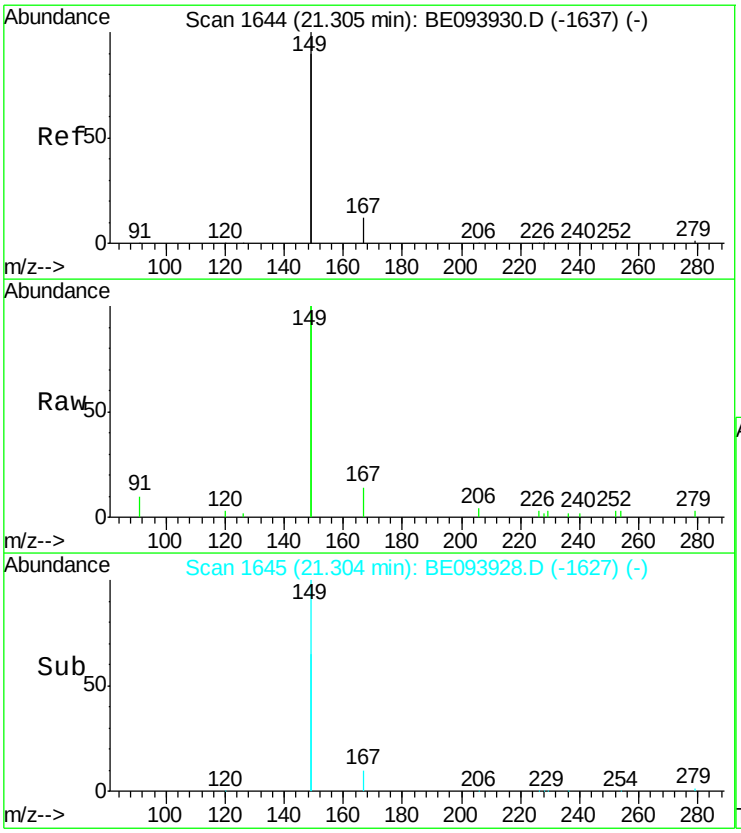
#31
Chrysene
Concen: 0.100 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 4546

Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.6	37.0
229	24.8	15.8	23.8#

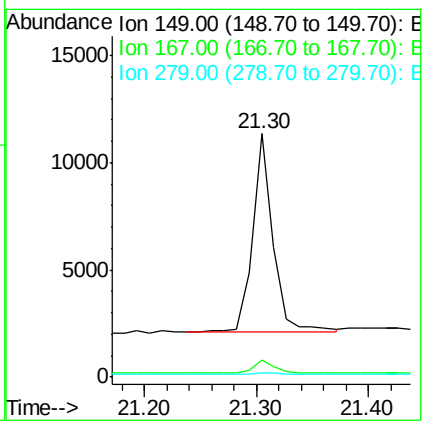


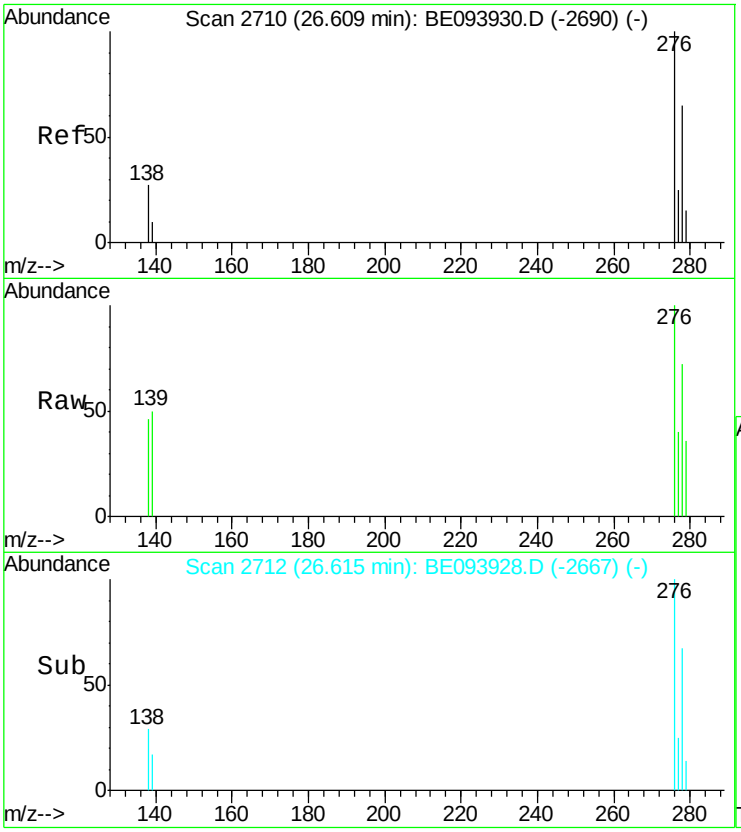


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.138 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:149 Resp: 11917

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.5	0.7	1.1#



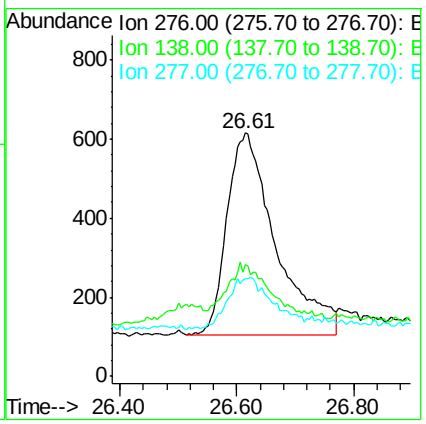


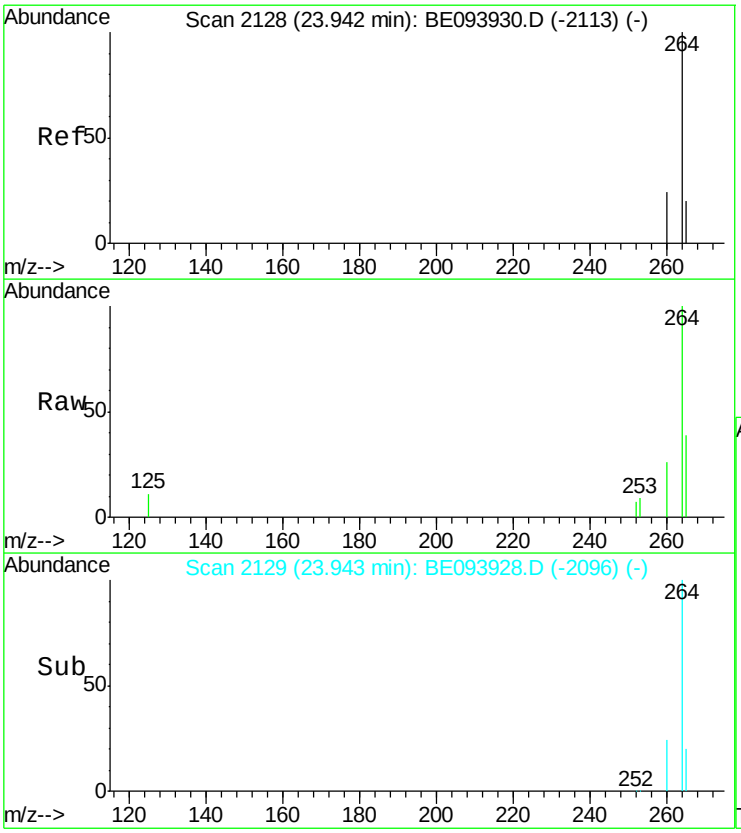
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng
RT: 26.61 min Scan# 2712
Delta R.T. 0.01 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2963

Ion	Ratio	Lower	Upper
276	100		
138	6.9	22.2	33.2#
277	7.4	19.5	29.3#

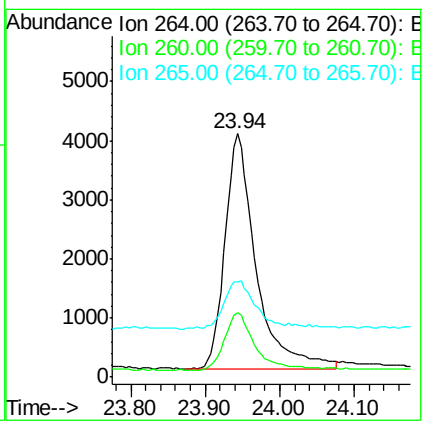


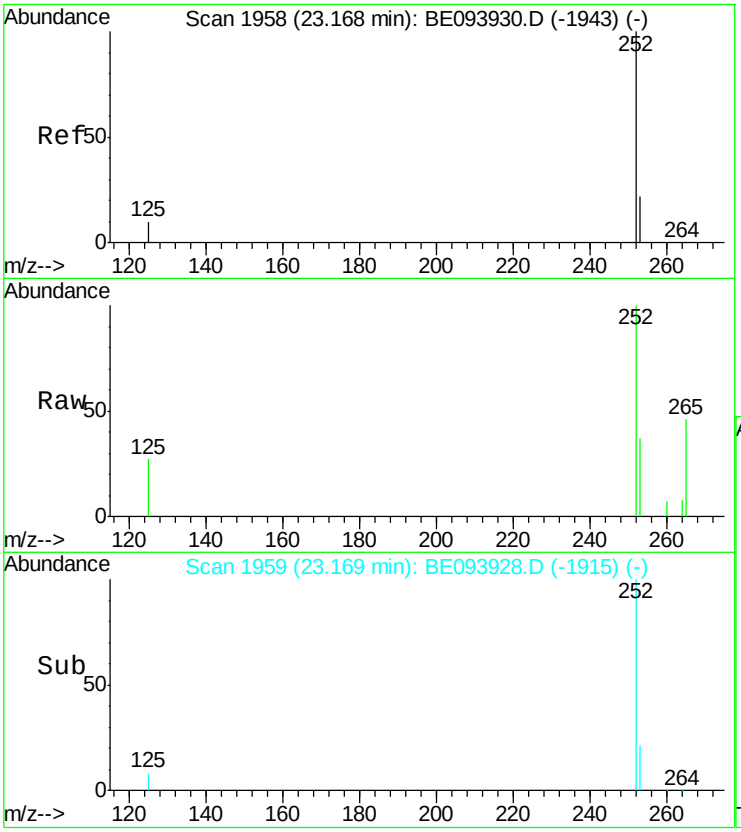


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:264 Resp: 11499

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.0	30.0
265	39.3	24.0	36.0#



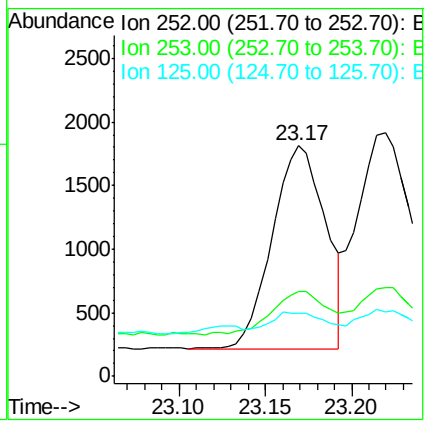


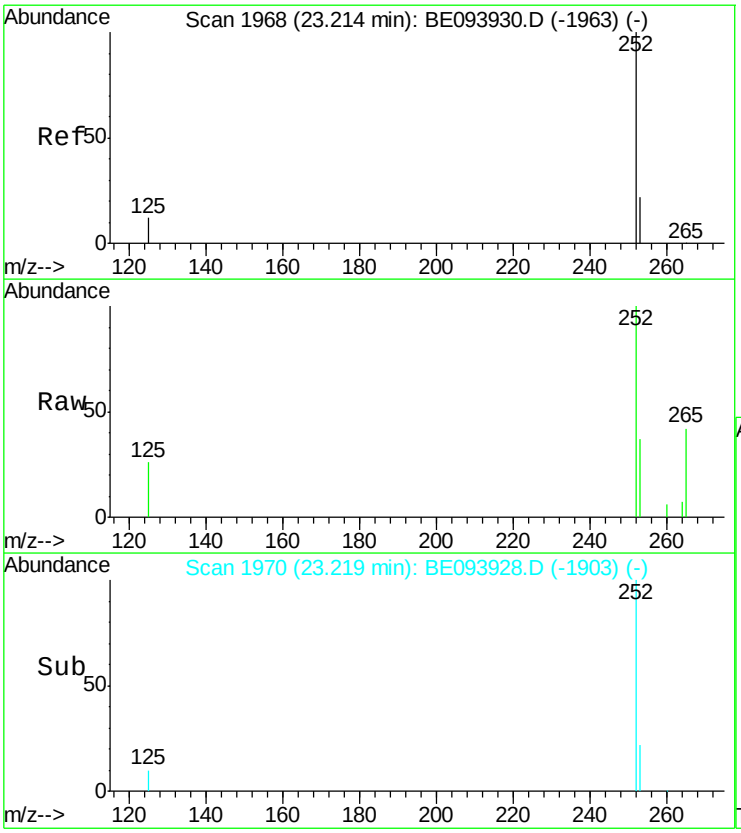
#35
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 23.17 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3421

Ion	Ratio	Lower	Upper
252	100		
253	36.7	19.4	29.0#
125	27.4	10.0	15.0#

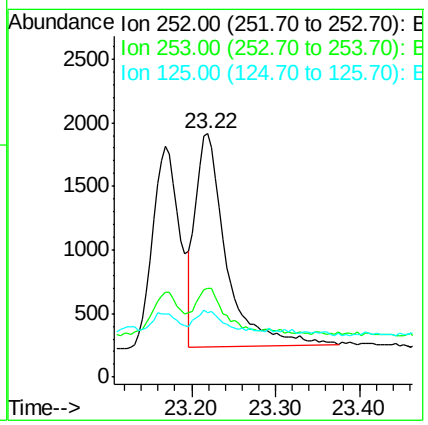


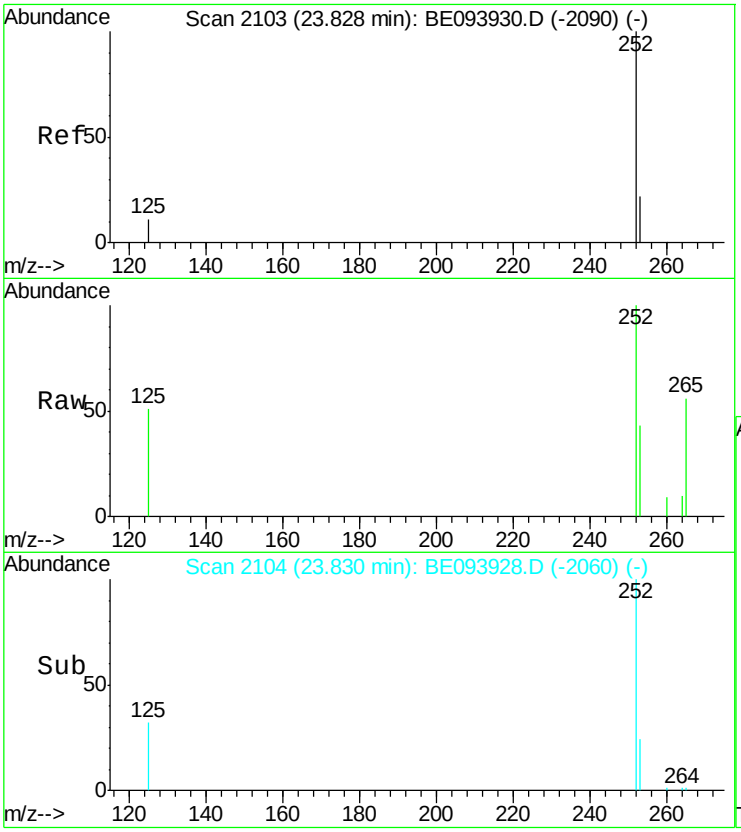


#36
Benzo(k)fluoranthene
Concen: 0.102 ng
RT: 23.22 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:252 Resp: 4274

Ion	Ratio	Lower	Upper
252	100		
253	36.5	18.1	27.1#
125	26.2	9.8	14.6#



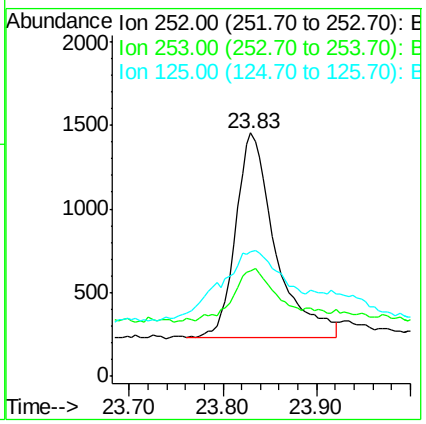


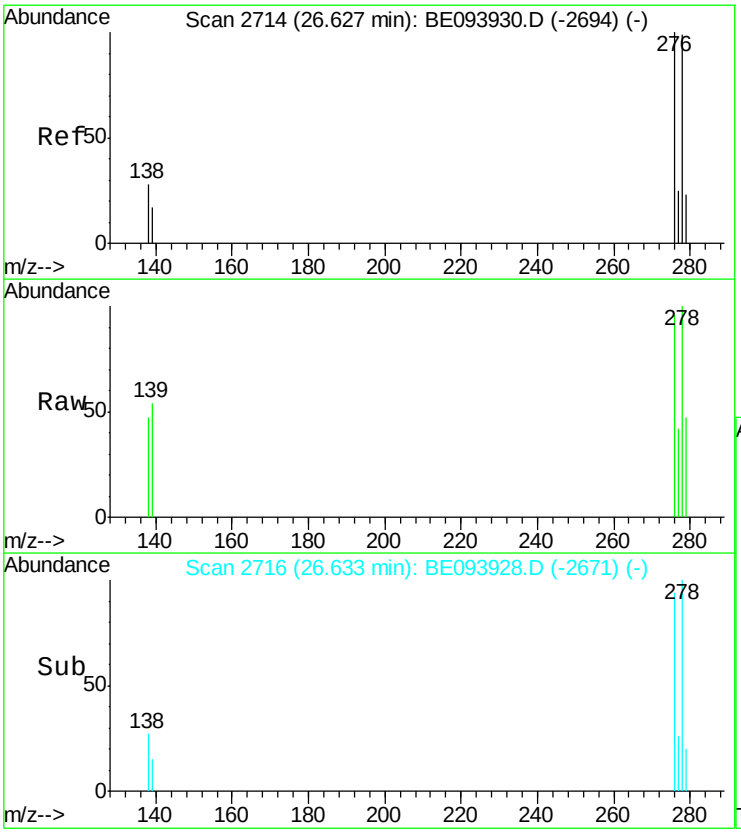
#37
Benzo(a)pyrene
Concen: 0.100 ng
RT: 23.83 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3638

Ion	Ratio	Lower	Upper
252	100		
253	43.3	19.6	29.4#
125	51.4	11.8	17.8#

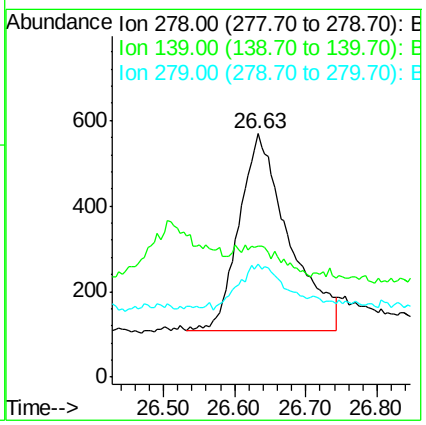


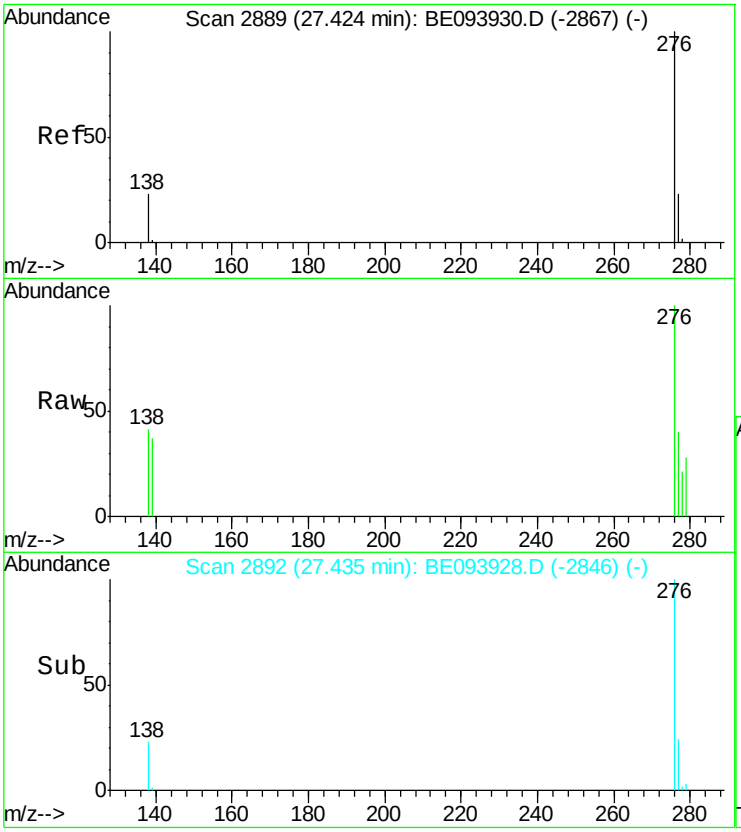


#38
Dibenzo(a,h)anthracene
Concen: 0.086 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.01 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Tgt Ion:278 Resp: 2215

Ion	Ratio	Lower	Upper
278	100		
139	53.6	16.7	25.1#
279	46.6	21.6	32.4#





#39
Benzo(g,h,i)perylene
Concen: 0.091 ng
RT: 27.43 min Scan# 2892
Delta R.T. 0.01 min
Lab File: BE093928.D
Acq: 5 Sep 2017 9:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2542

Ion	Ratio	Lower	Upper
276	100		
277	40.0	20.6	30.8#
138	41.1	21.9	32.9#