Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093029.D
Acq On : 15 May 2017 11:38
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 15 12:14:40 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 12:09:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	793	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3489	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1698	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	4607	0.40	ng		0.00
27) Chrysene-d12	21.28	240	4686	0.40	ng		0.00
34) Perylene-d12	23.69	264	3840	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	3842	1.77	ng		0.00
5) Phenol-d6	6.92	99	5435	1.99	ng		0.00
8) Nitrobenzene-d5	8.88	82	5053	1.85	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	8429	1.71	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	882	1.91	ng		-0.01
15) 2-Fluorobiphenyl	13.01	172	11714	1.74	ng		0.00
25) Fluoranthene-d10	19.14	212	18498	1.52	ng		0.00
29) Terphenyl-d14	19.74	244	14701	1.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	2394	1.51	ng		98
3) n-Nitrosodimethylamine	3.59	42	2431	1.78	ng	#	98
6) bis(2-Chloroethyl)ether	7.18	93	4377	1.64	ng	#	100
9) Naphthalene	10.58	128	14649	1.58	ng		95
10) Hexachlorobutadiene	10.87	225	1939	1.52	ng		99
12) 2-Methylnaphthalene	12.19	142	9386	1.72	ng		93
16) Acenaphthylene	14.10	152	52498	1.82	ng		99
17) Acenaphthene	14.44	154	8969	1.71	ng		98
18) Fluorene	15.43	166	11086	1.70	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	2263	1.53	ng	#	1
21) Hexachlorobenzene	16.47	284	3012	1.37	ng	#	100
22) Pentachlorophenol	16.82	266	865	1.56	ng		87
23) Phenanthrene	17.19	178	14245	1.29	ng	#	77
24) Anthracene	17.28	178	14265	1.50	ng		98
26) Fluoranthene	19.16	202	88388	1.49	ng	#	59
28) Pyrene	19.53	202	90929	1.55	ng	#	96
30) Benzo(a)anthracene	21.25	228	21145	1.84	ng	#	85
31) Chrysene	21.30	228	21887	1.52	ng	#	83
32) Bis(2-ethylhexyl)phthalate	21.20	149	10826	2.13	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.22	276	82244	1.79	ng		99
35) Benzo(b)fluoranthene	23.00	252	19008	1.53	ng		95
36) Benzo(k)fluoranthene	23.00	252	19968	1.61	ng		94
37) Benzo(a)pyrene	23.57	252	18371	1.71	ng		93
38) Dibenzo(a,h)anthracene	26.25	278	17737	1.82	ng	#	89
39) Benzo(g,h,i)perylene	26.99	276	74554	1.68	ng		96

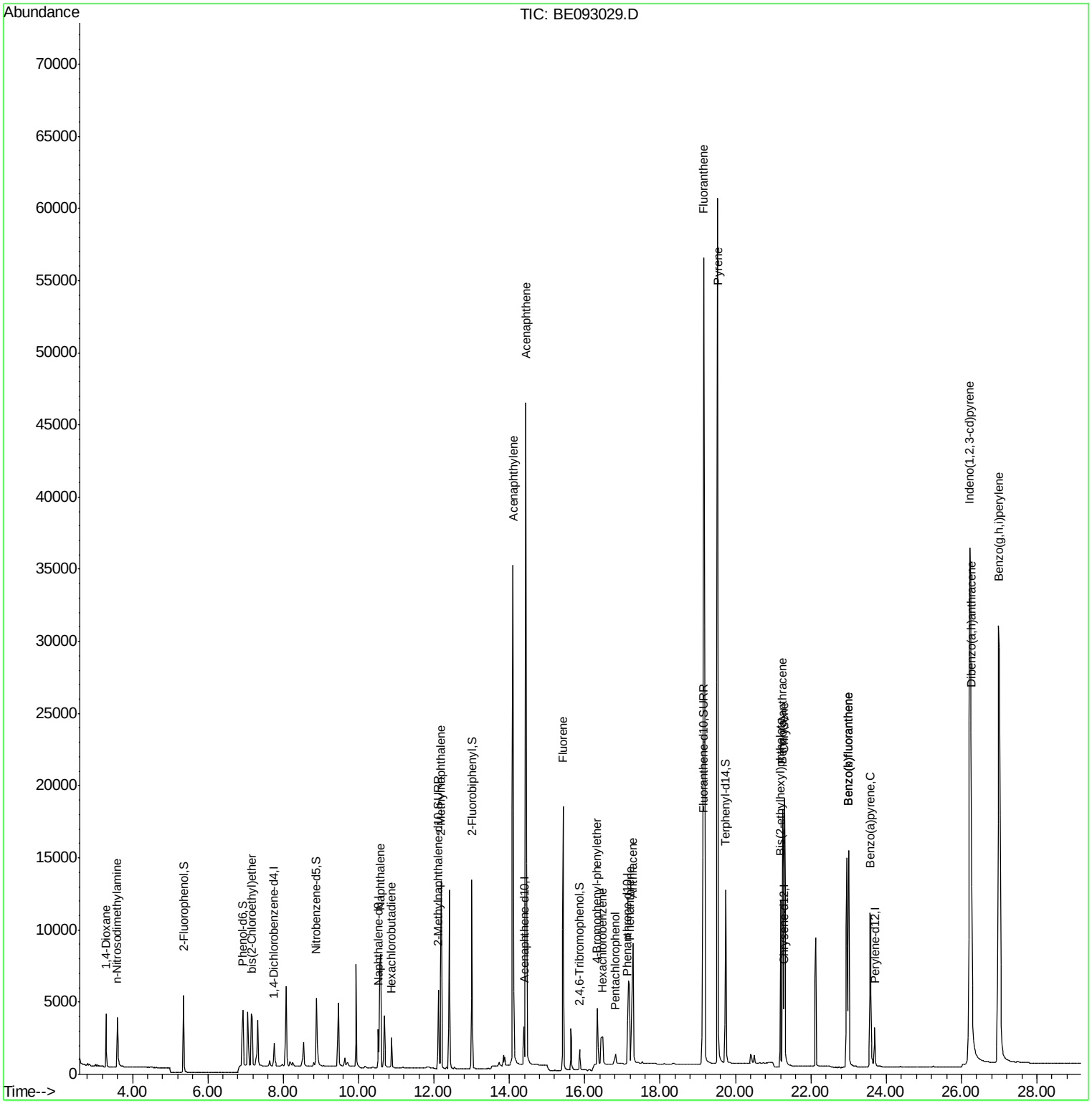
(#) = qualifier out of range (m) = manual integration (+) = signals summed

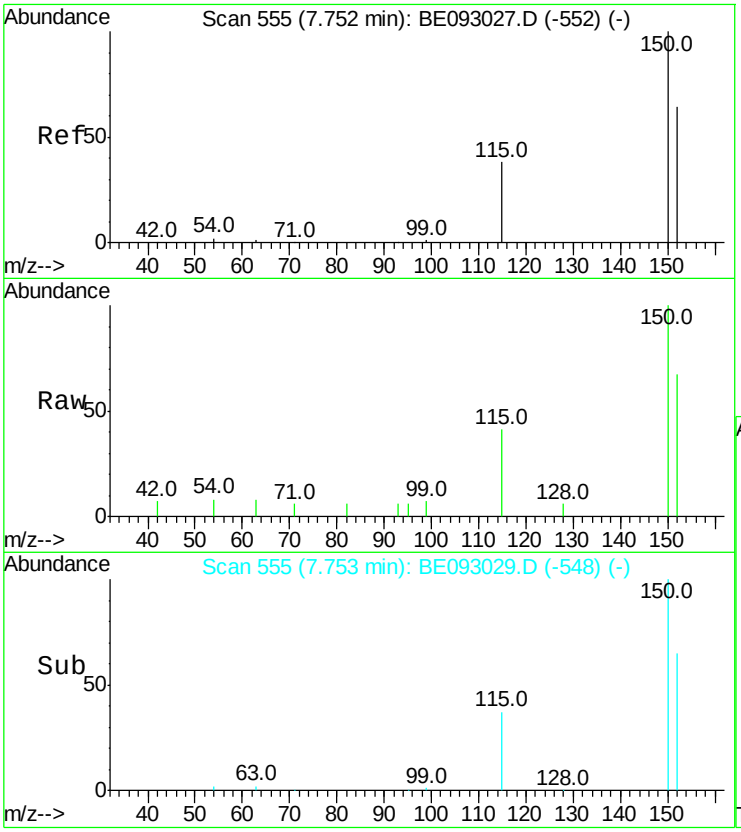
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093029.D
Acq On : 15 May 2017 11:38
Operator : SJ/MA
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 15 12:14:40 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 12:09:24 2017
Response via : Initial Calibration



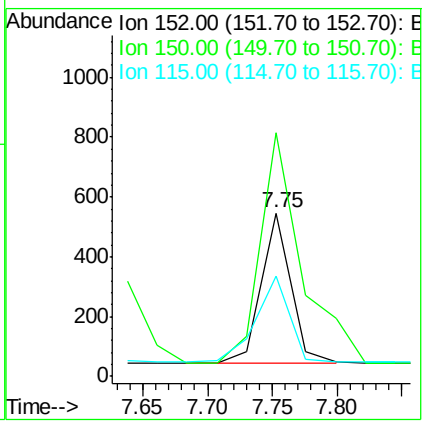


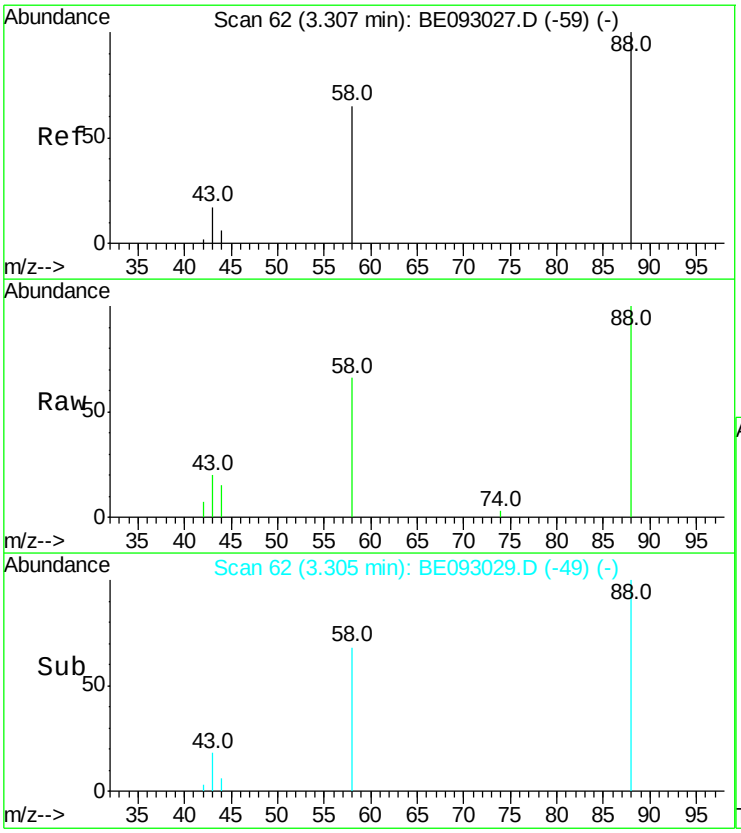
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 793

Ion	Ratio	Lower	Upper
152	100		
150	149.1	125.1	187.7
115	61.7	55.7	83.5

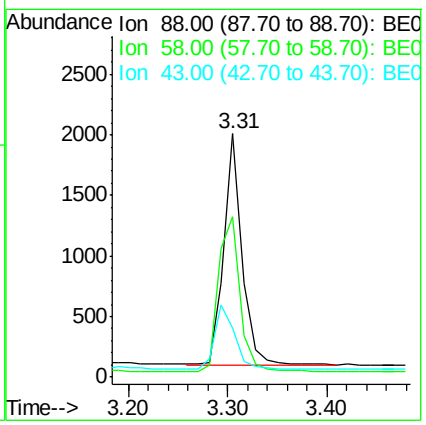


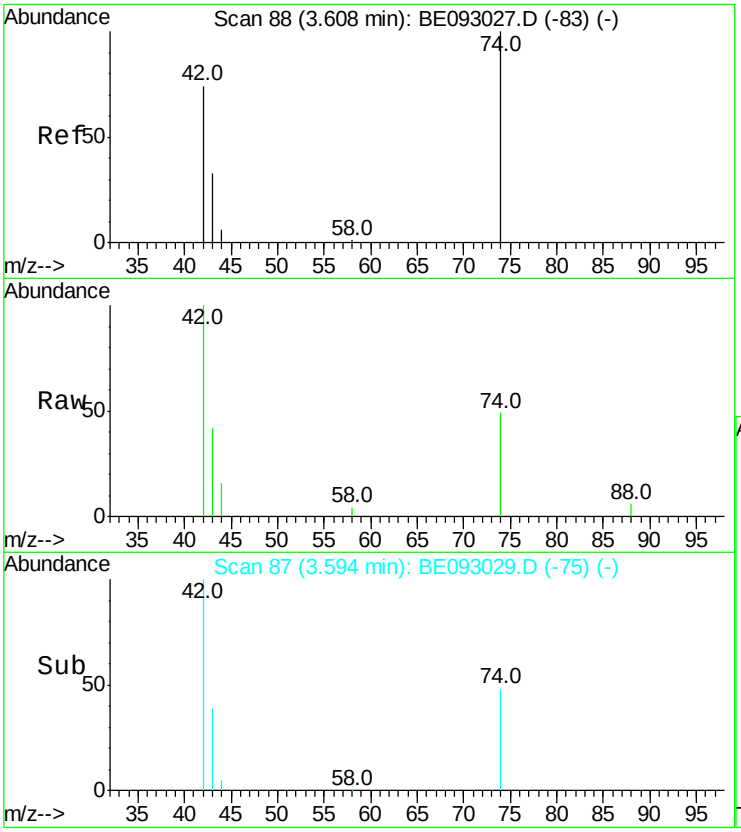


#2
1,4-Dioxane
Concen: 1.51 ng
RT: 3.31 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion: 88 Resp: 2394

Ion	Ratio	Lower	Upper
88	100		
58	79.2	62.2	93.4
43	30.1	23.2	34.8



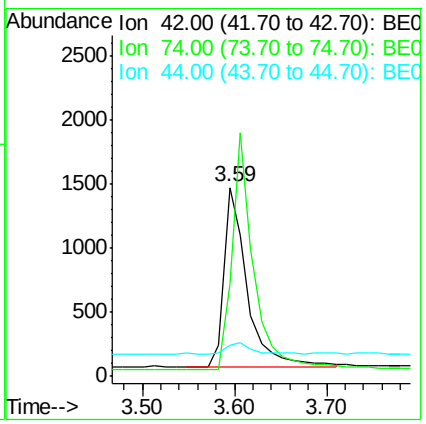


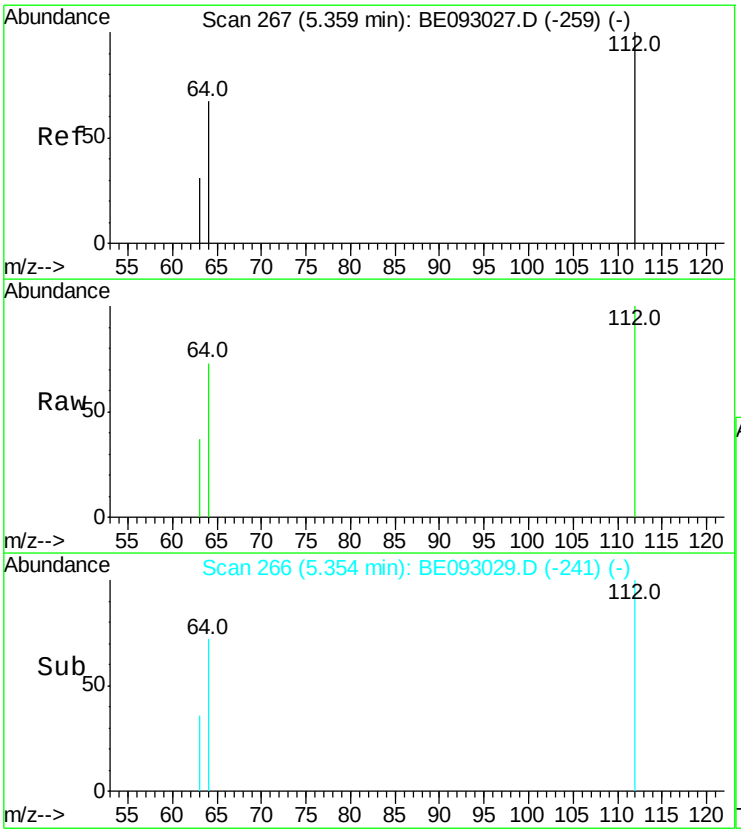
#3
n-Nitrosodimethylamine
Concen: 1.78 ng
RT: 3.59 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2431

Ion	Ratio	Lower	Upper
42	100		
74	125.3	99.1	148.7
44	7.0	7.4	11.2#

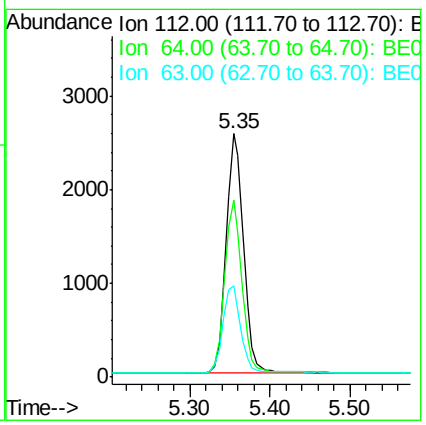


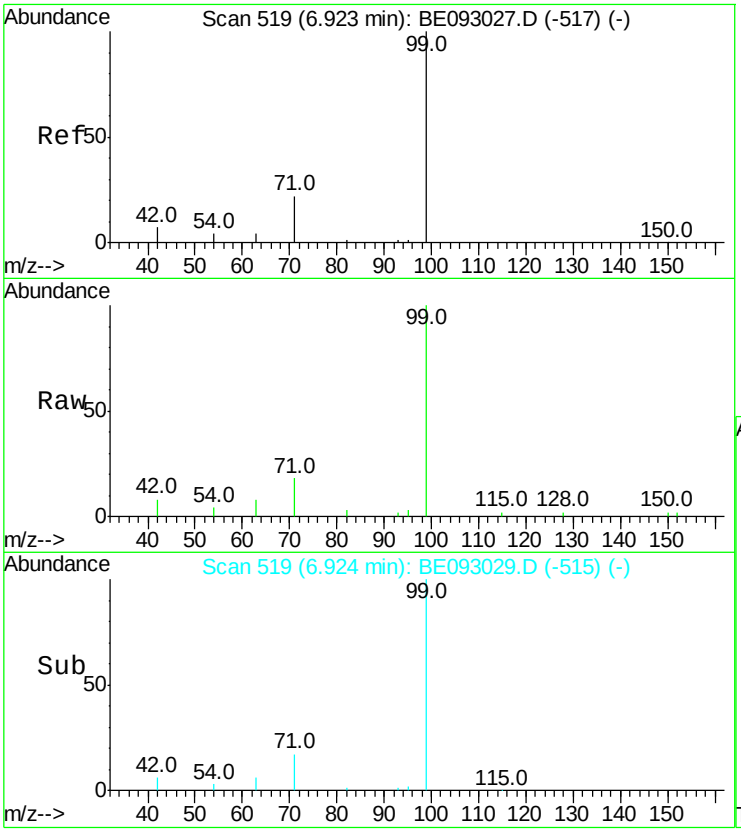


#4
2-Fluorophenol
Concen: 1.77 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:112 Resp: 3842

Ion	Ratio	Lower	Upper
112	100		
64	71.4	56.4	84.6
63	36.8	29.3	43.9



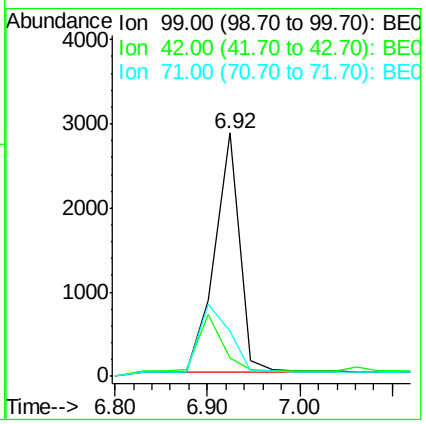


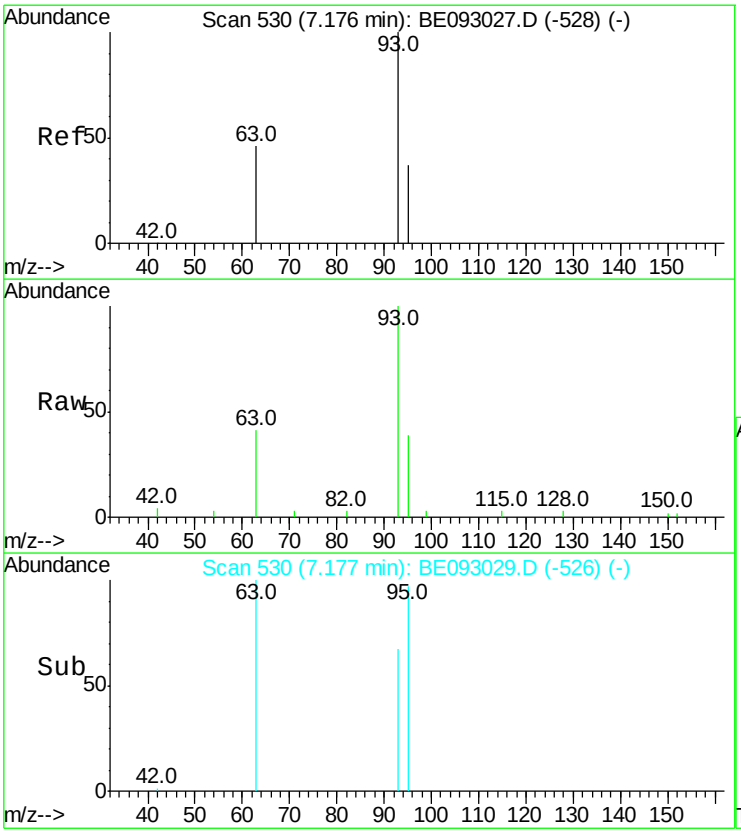
#5
Phenol-d6
Concen: 1.99 ng
RT: 6.92 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5435

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

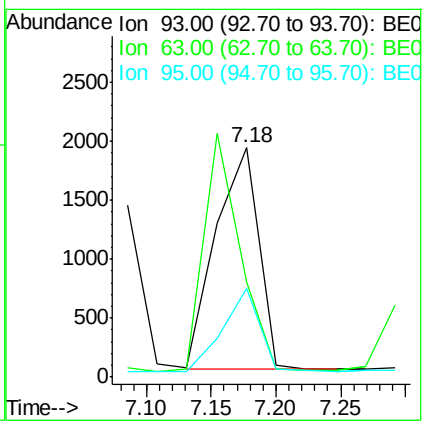


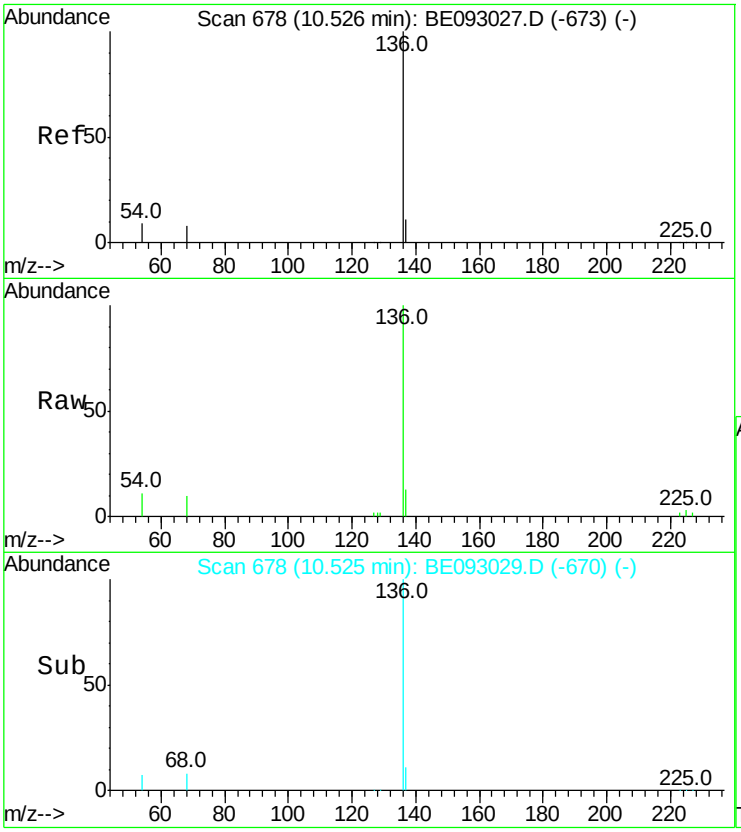


#6
bis(2-Chloroethyl)ether
Concen: 1.64 ng
RT: 7.18 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion: 93 Resp: 4377

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	31.9	25.4	38.0



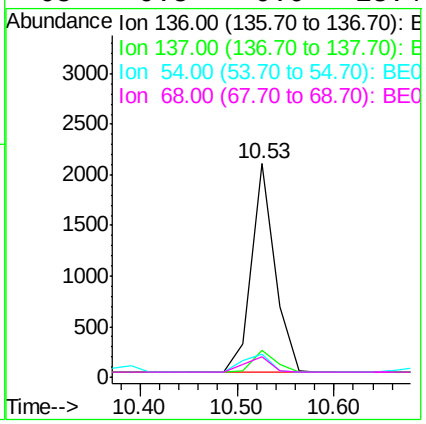


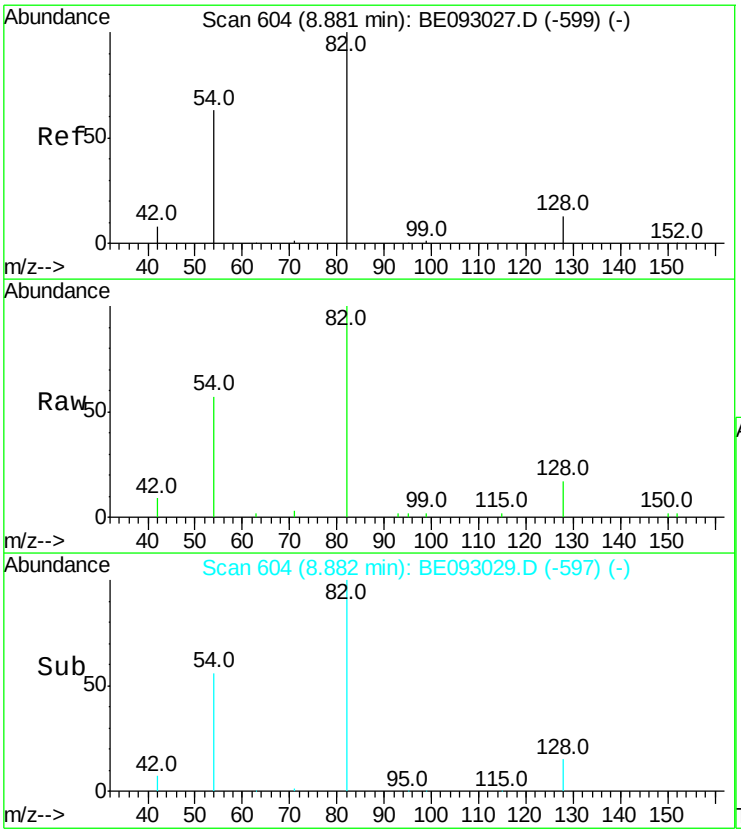
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3489

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.8	14.8
54	10.7	10.3	15.5
68	9.8	9.0	13.4

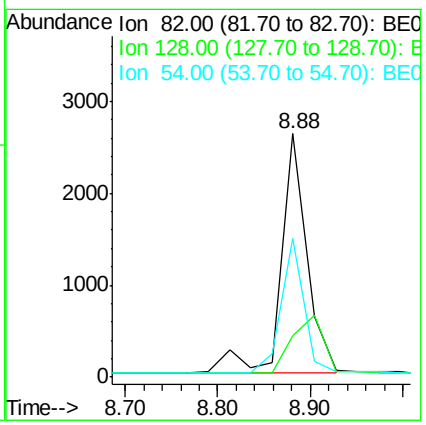


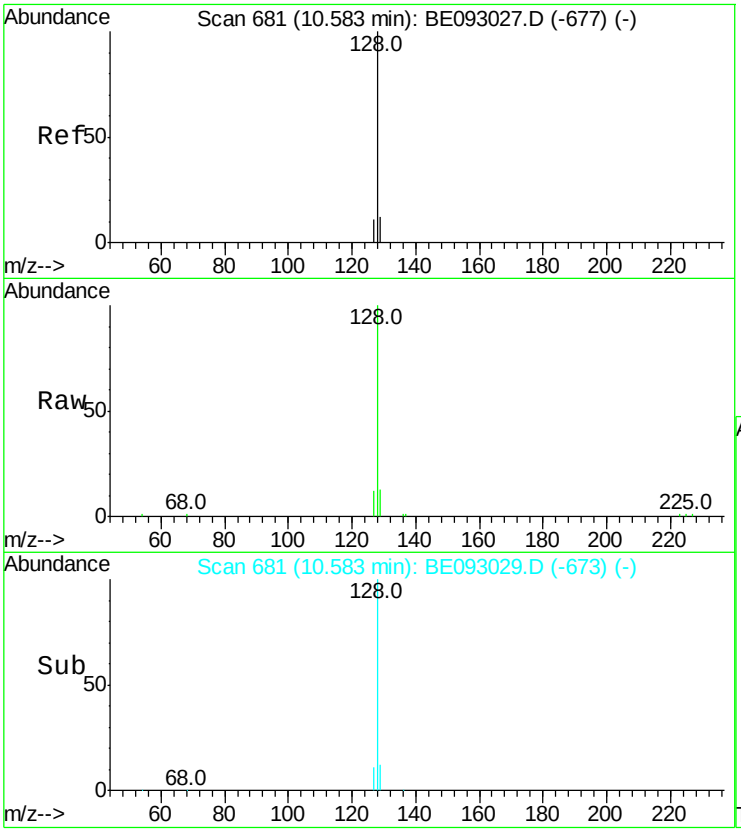


#8
Nitrobenzene-d5
Concen: 1.85 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion: 82 Resp: 5053

Ion	Ratio	Lower	Upper
82	100		
128	17.0	17.0	25.4
54	57.0	53.8	80.6



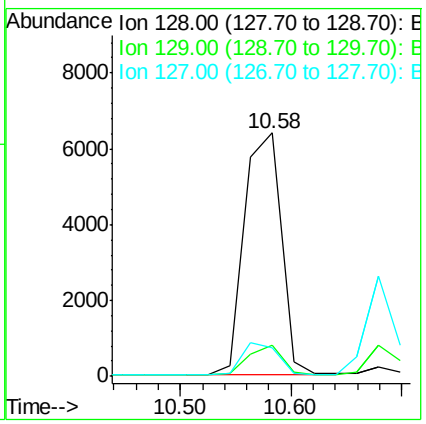


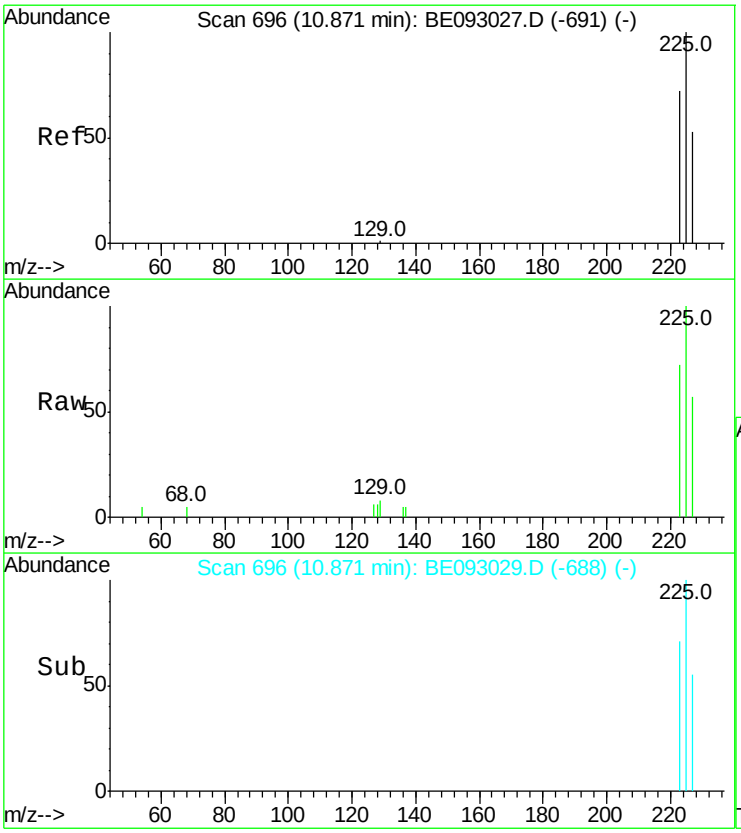
#9
Naphthalene
Concen: 1.58 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 14649

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.4	17.0
127	11.6	11.2	16.8

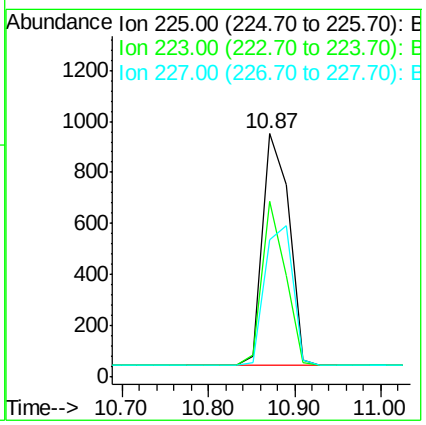


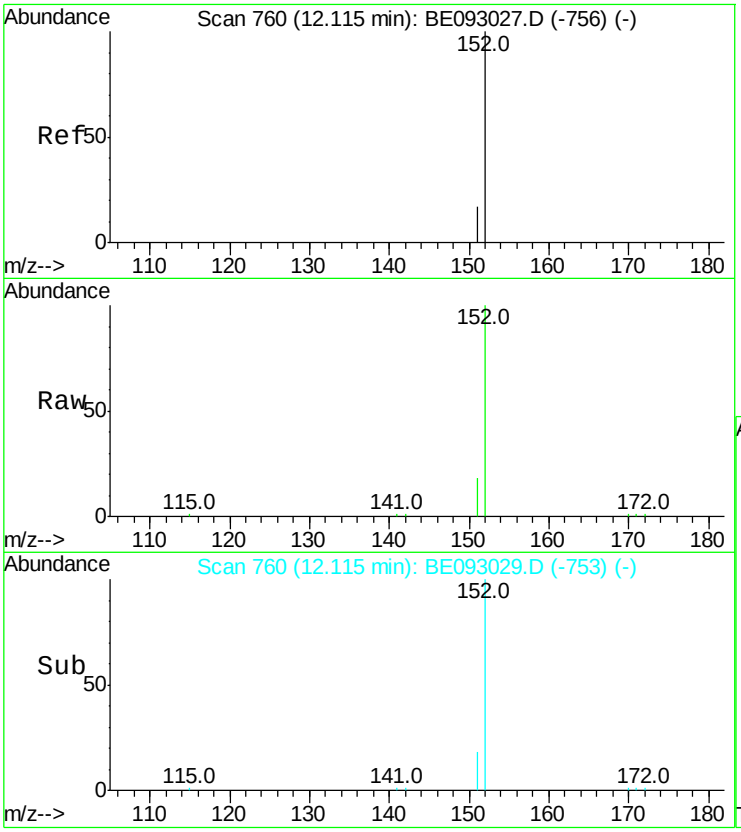


#10
Hexachlorobutadiene
Concen: 1.52 ng
RT: 10.87 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:225 Resp: 1939

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	64.3	50.3	75.5



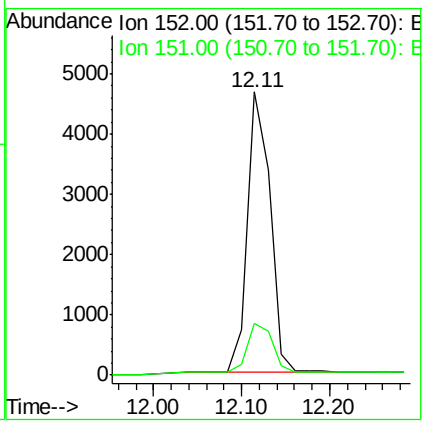


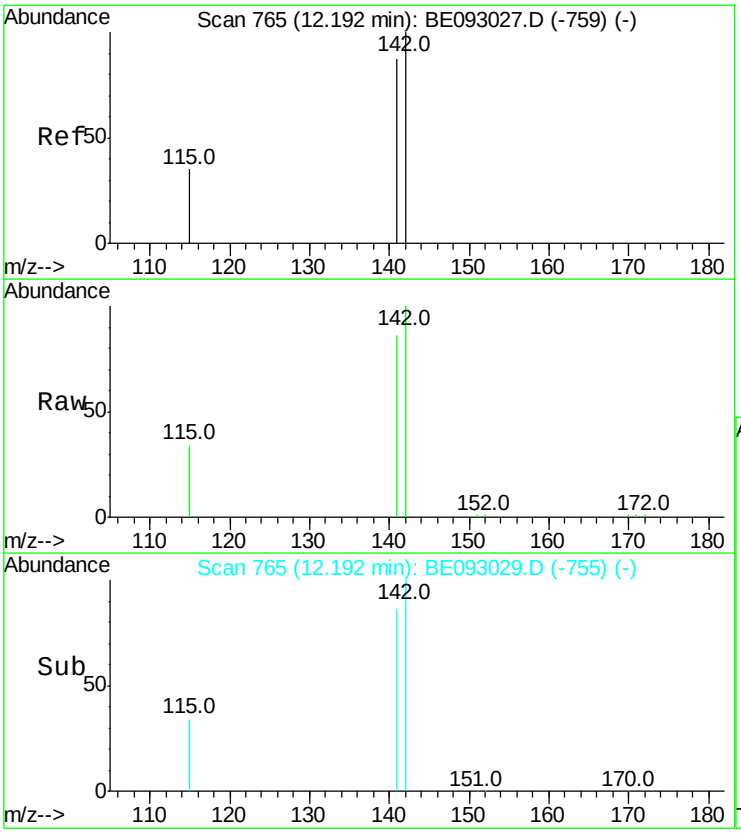
#11
2-Methylnaphthalene-d10
Concen: 1.71 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8429

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

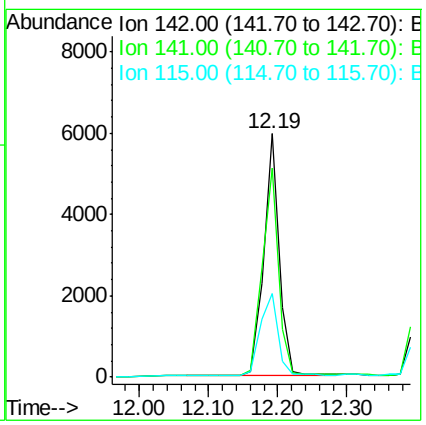


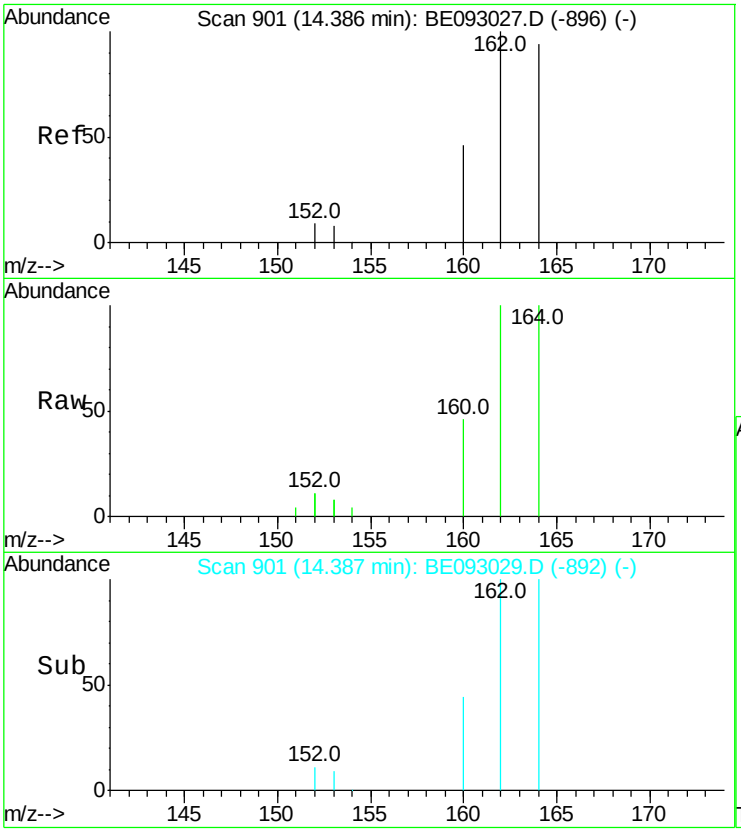


#12
2-Methylnaphthalene
Concen: 1.72 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:142 Resp: 9386

Ion	Ratio	Lower	Upper
142	100		
141	85.8	72.6	108.8
115	34.3	32.2	48.2



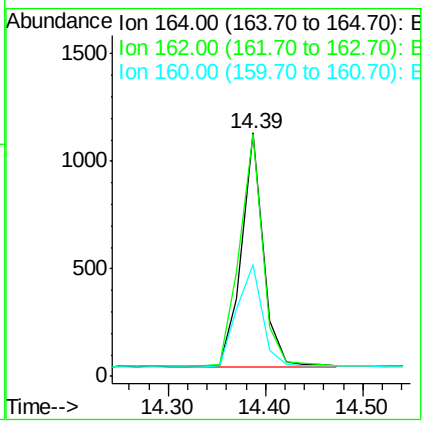


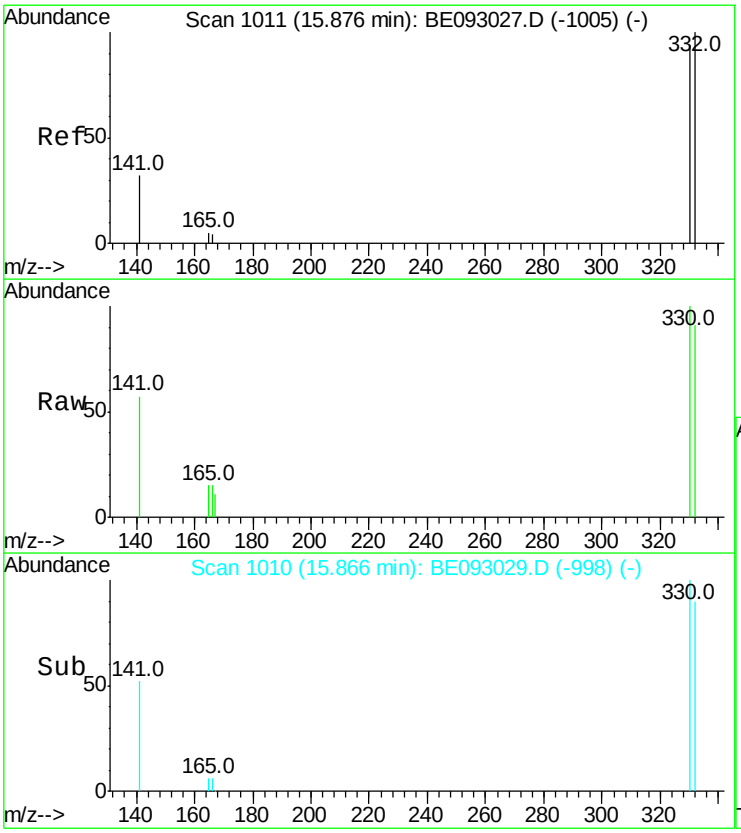
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1698

Ion	Ratio	Lower	Upper
164	100		
162	99.6	84.6	127.0
160	45.9	41.8	62.6

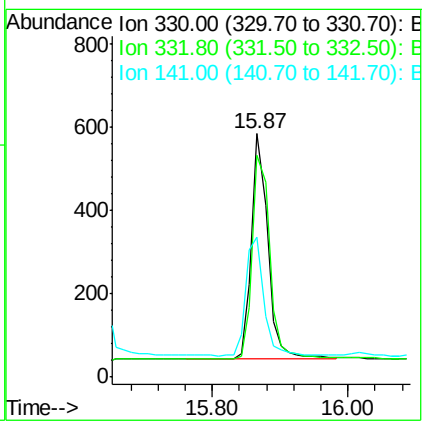


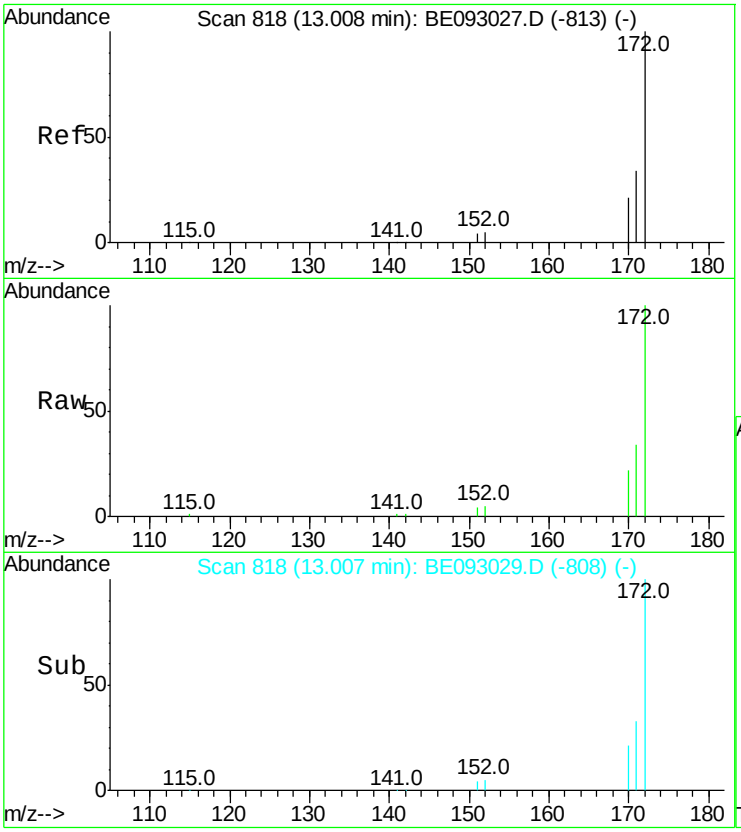


#14
2,4,6-Tribromophenol
Concen: 1.91 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:330 Resp: 882

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.7	116.5
141	58.6	56.2	84.4



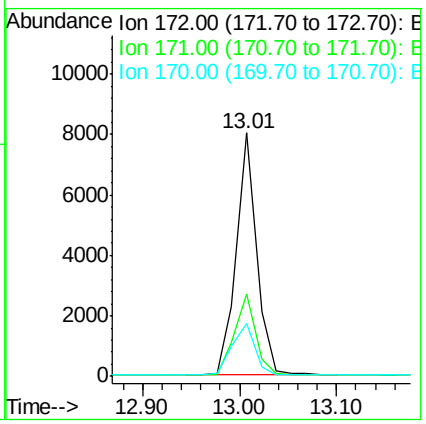


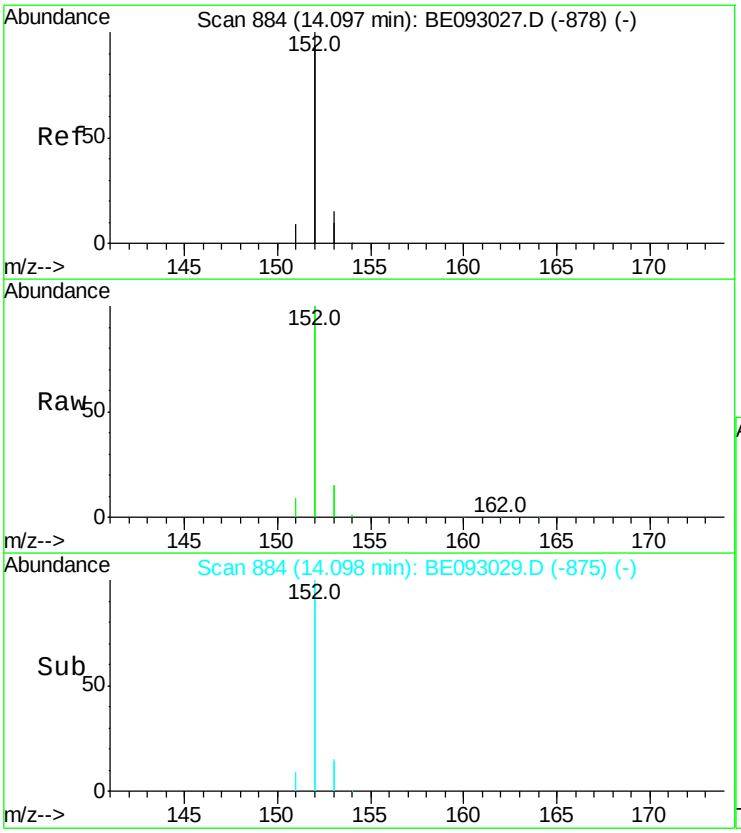
#15
2-Fluorobiphenyl
Concen: 1.74 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 11714

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.8	44.6
170	21.5	20.7	31.1

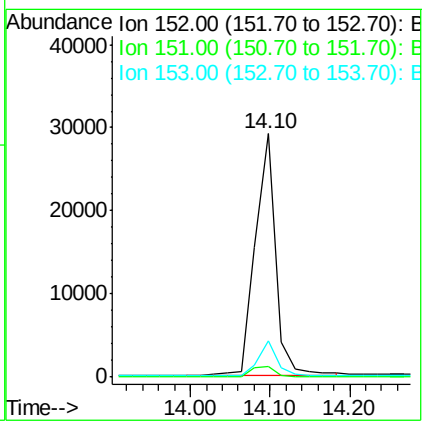


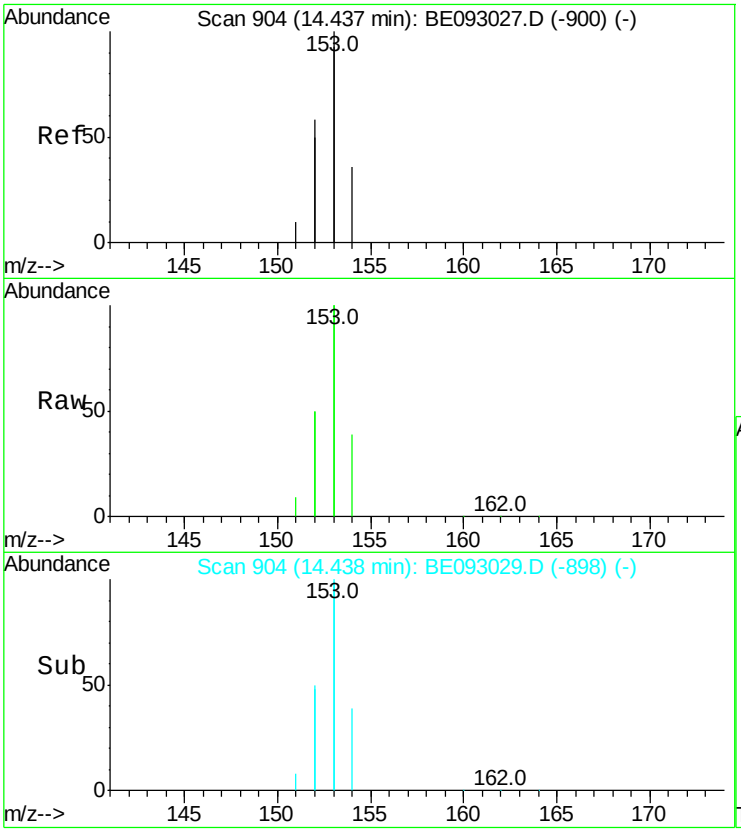


#16
Acenaphthylene
Concen: 1.82 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:152 Resp: 52498

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.1	10.3	15.5



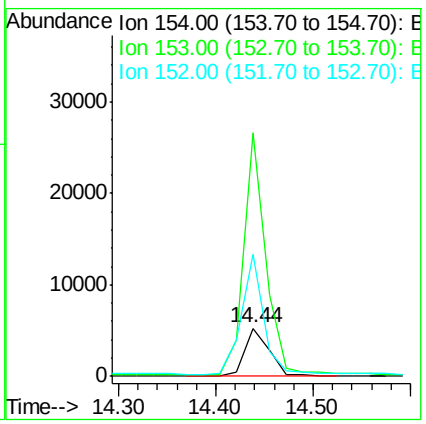


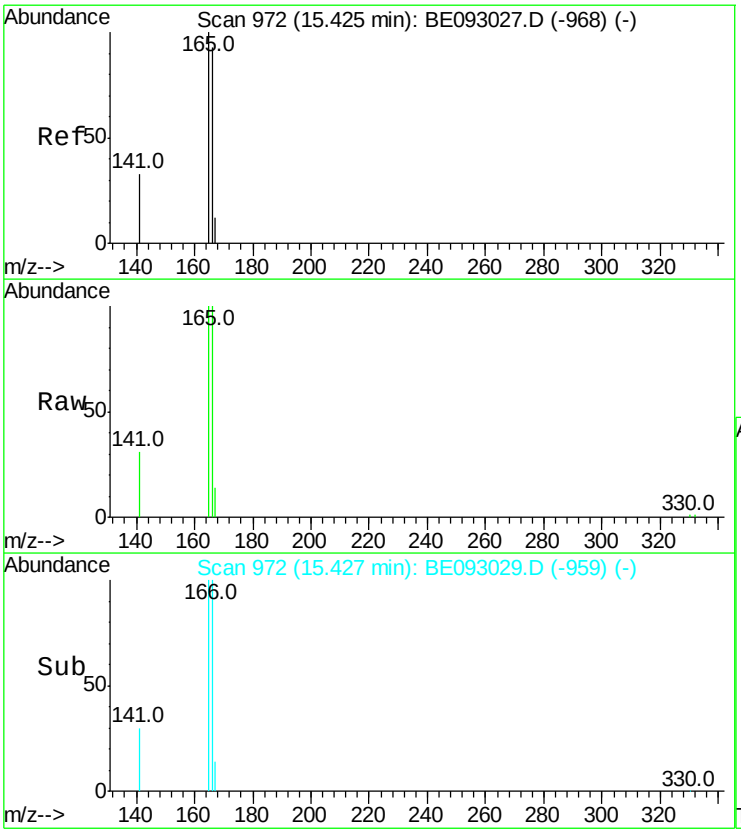
#17
Acenaphthene
Concen: 1.71 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8969

Ion	Ratio	Lower	Upper
154	100		
153	458.3	367.8	551.6
152	226.8	188.2	282.2

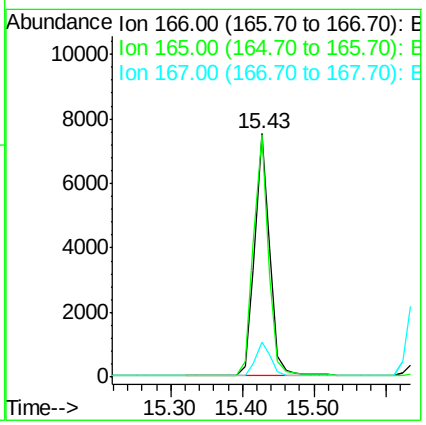


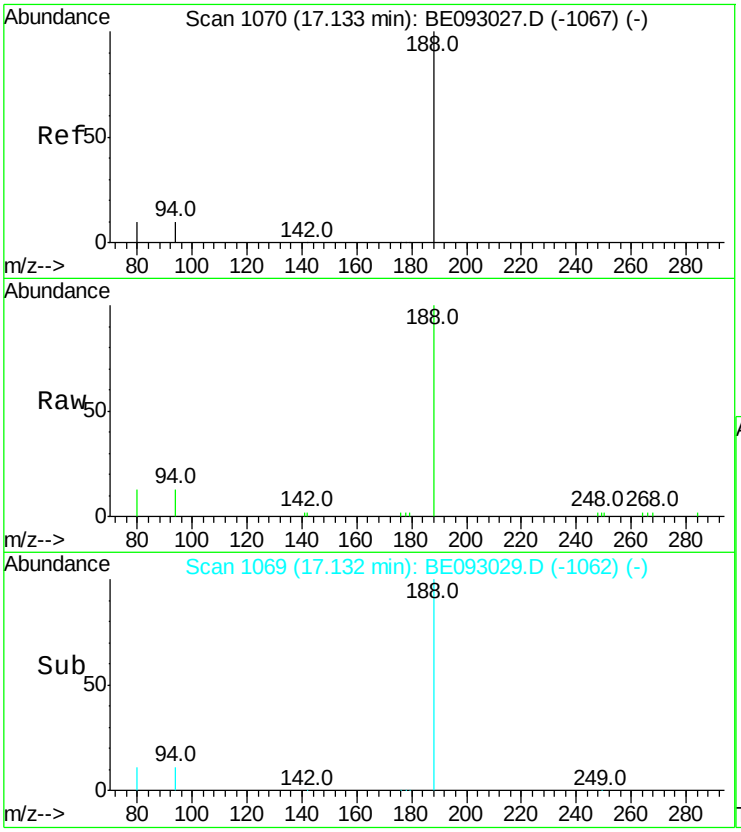


#18
Fluorene
Concen: 1.70 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:166 Resp: 11086

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.6	117.8
167	14.1	11.1	16.7



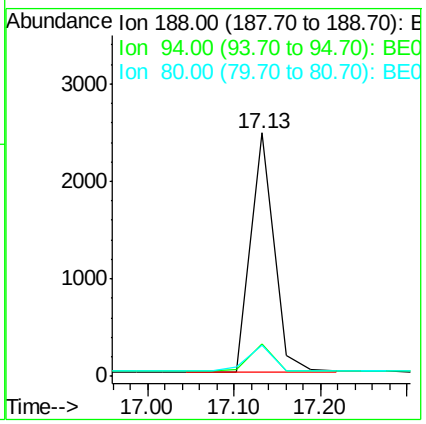


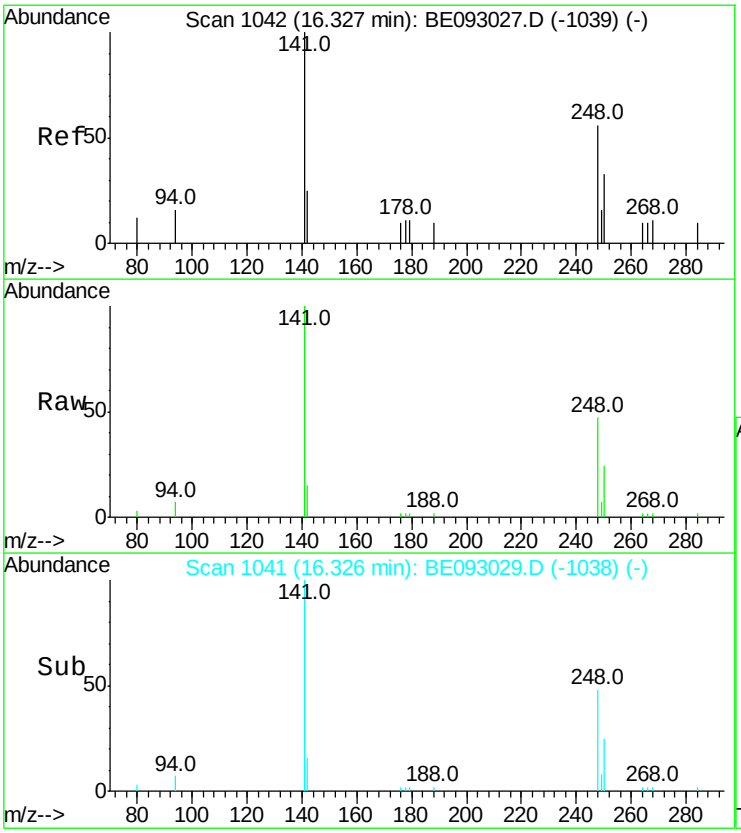
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4607

Ion	Ratio	Lower	Upper
188	100		
94	13.1	11.3	16.9
80	13.0	11.7	17.5

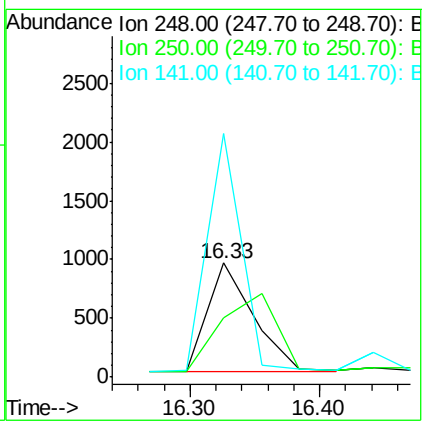


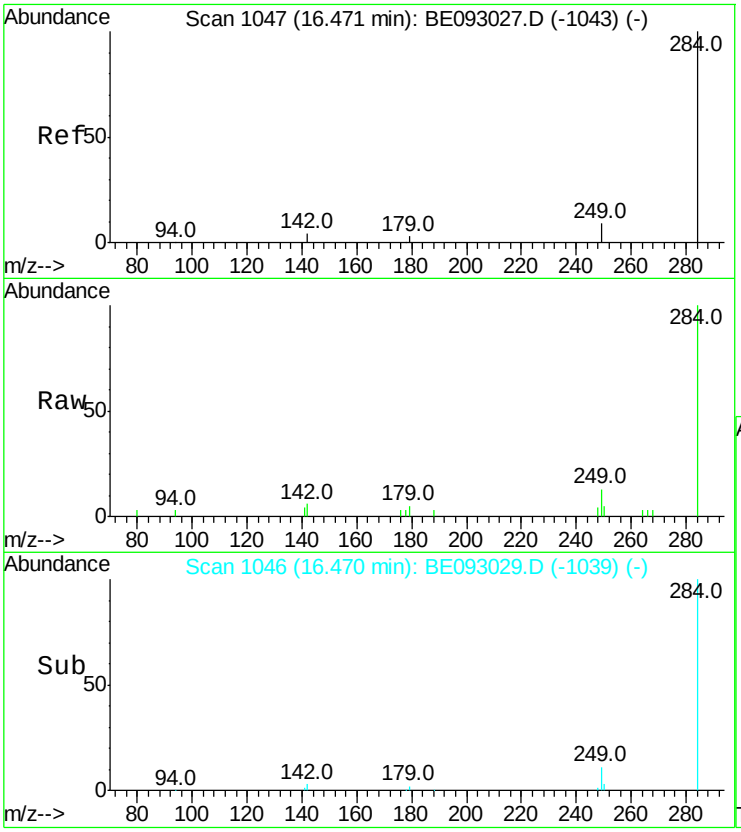


#20
4-Bromophenyl-phenylether
Concen: 1.53 ng
RT: 16.33 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:248 Resp: 2263

Ion	Ratio	Lower	Upper
248	100		
250	52.1	100.0	150.0#
141	213.3	40.0	60.0#



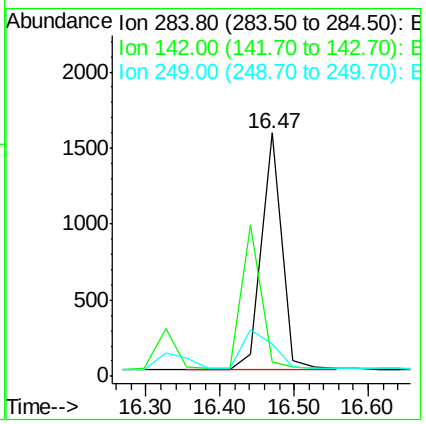


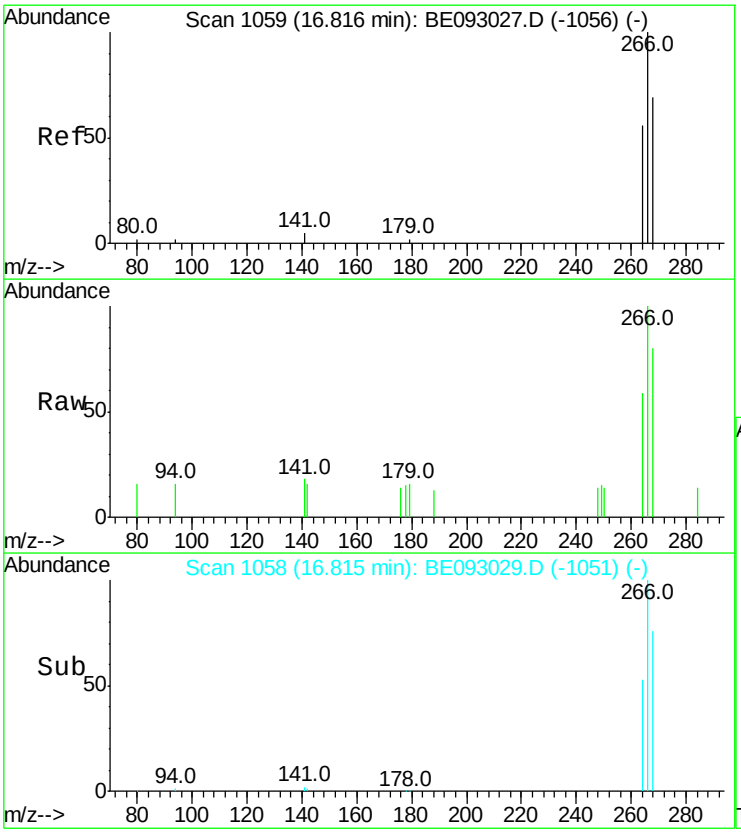
#21
Hexachlorobenzene
Concen: 1.37 ng
RT: 16.47 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3012

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

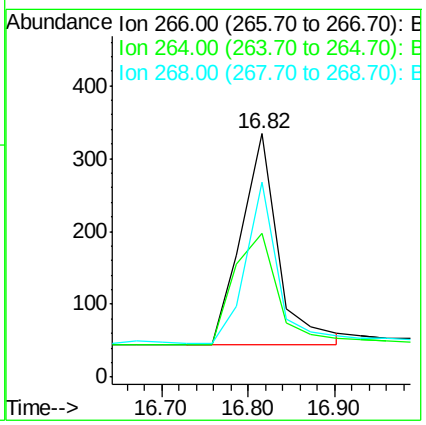


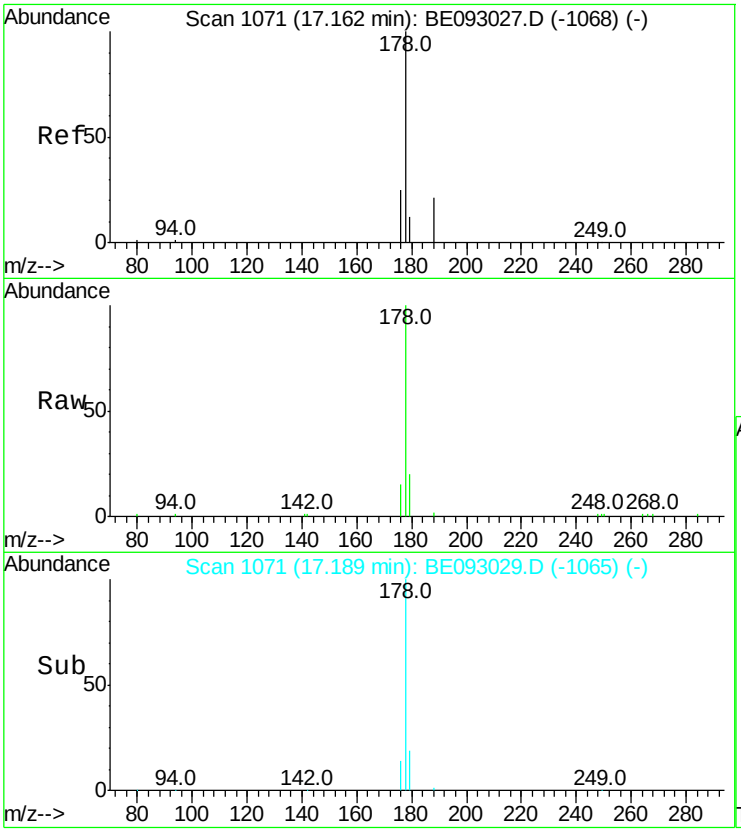


#22
Pentachlorophenol
Concen: 1.56 ng
RT: 16.82 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:266 Resp: 865

Ion	Ratio	Lower	Upper
266	100		
264	59.3	58.2	87.2
268	80.2	71.9	107.9



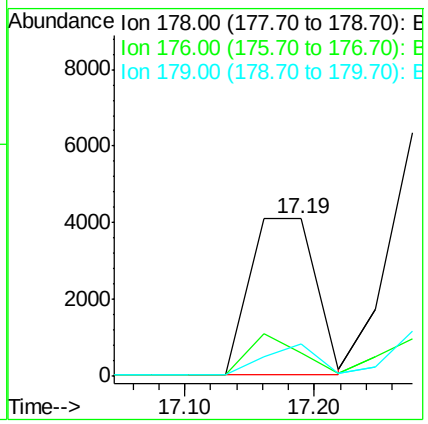


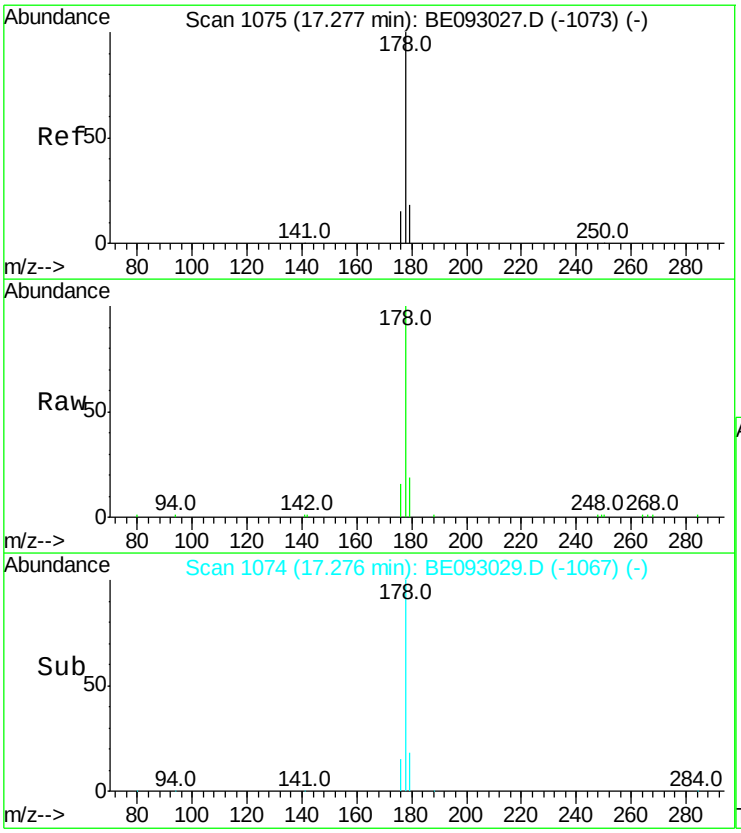
#23
Phenanthrene
Concen: 1.29 ng
RT: 17.19 min Scan# 1071
Delta R.T. 0.03 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 14245

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	15.6	12.7	19.1

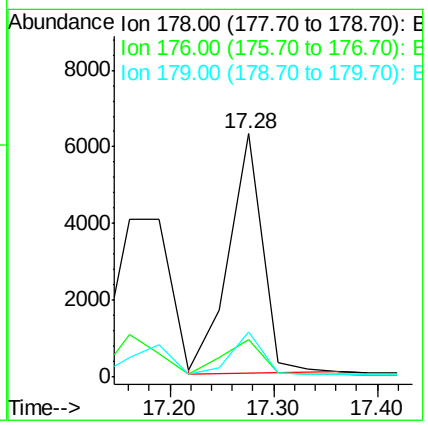


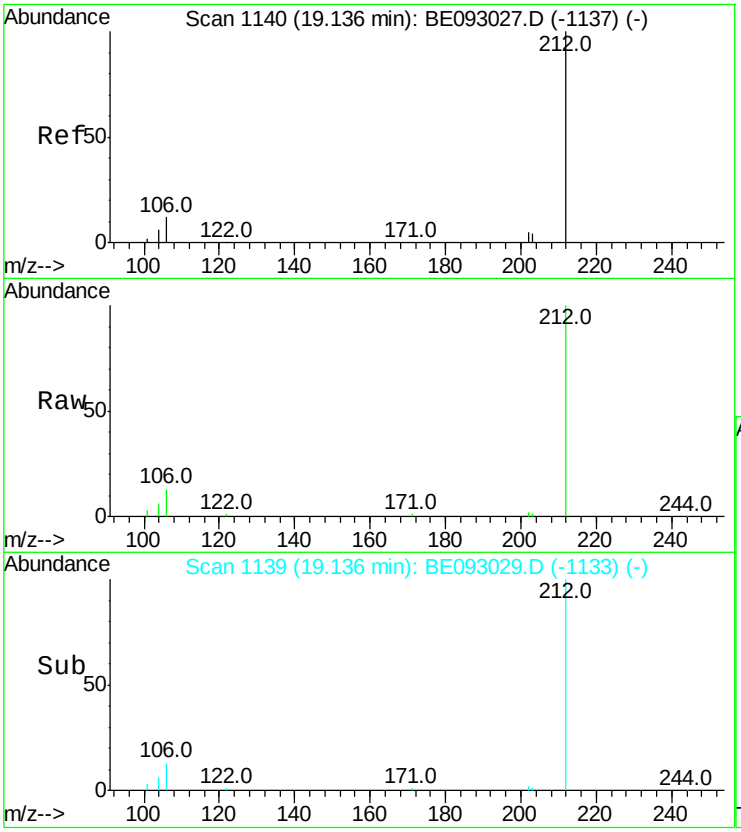


#24
Anthracene
Concen: 1.50 ng
RT: 17.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:178 Resp: 14265

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	22.0
179	16.4	12.0	18.0



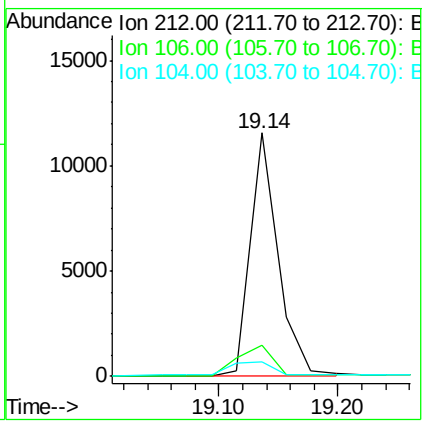


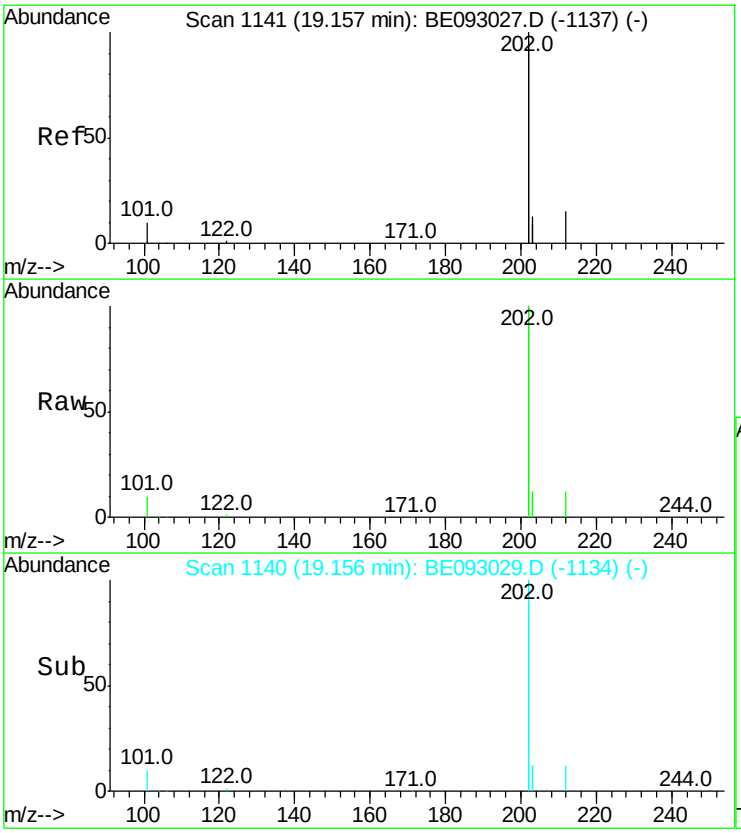
#25
Fluoranthene-d10
Concen: 1.52 ng
RT: 19.14 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 18498

Ion	Ratio	Lower	Upper
212	100		
106	16.0	0.0	0.0#
104	8.8	0.0	0.0#

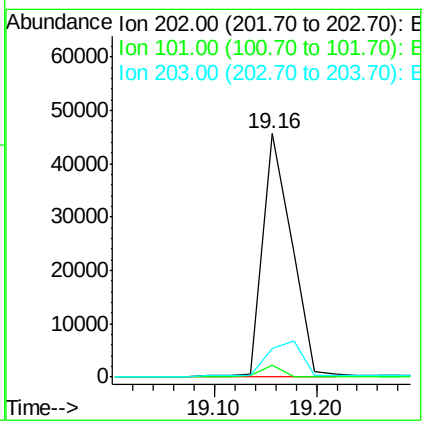


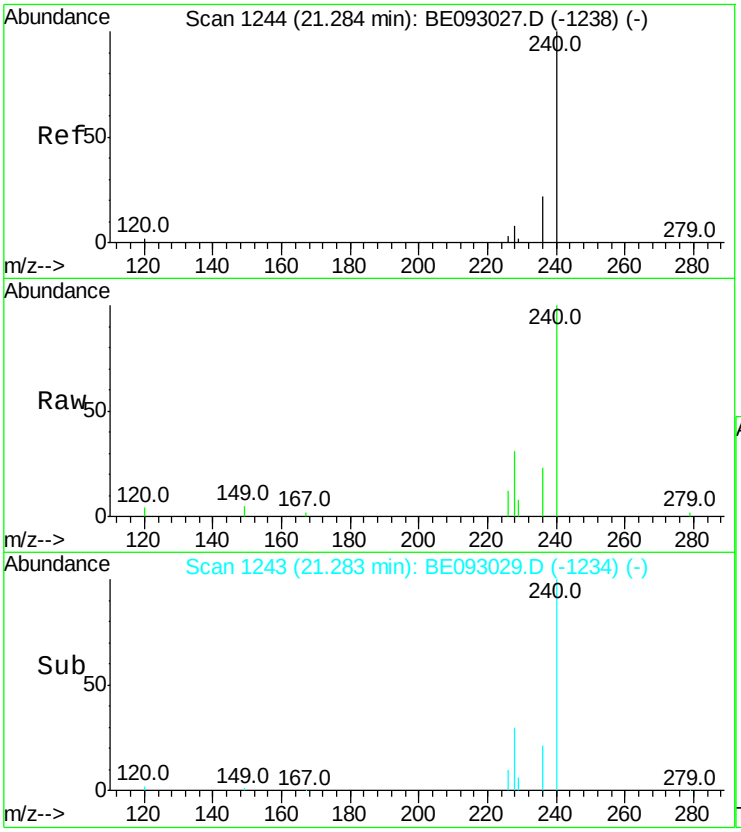


#26
Fluoranthene
Concen: 1.49 ng
RT: 19.16 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:202 Resp: 88388

Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	0.0#
203	0.0	14.4	21.6#



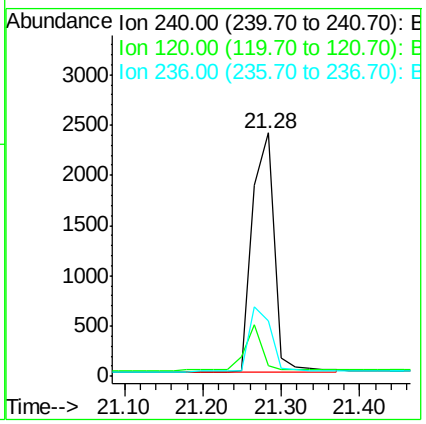


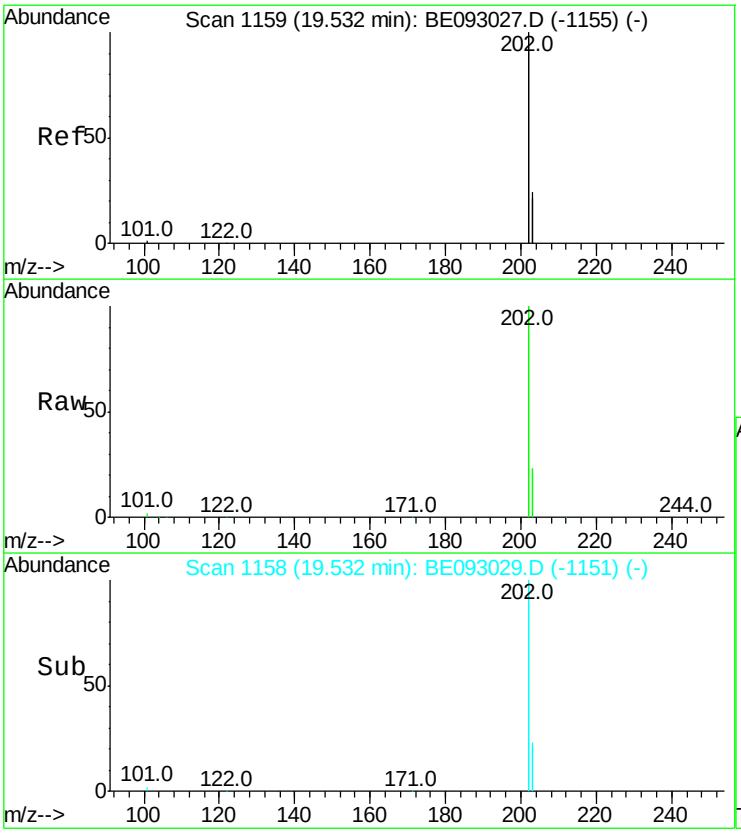
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4686

Ion	Ratio	Lower	Upper
240	100		
120	4.2	4.6	7.0#
236	23.0	20.8	31.2

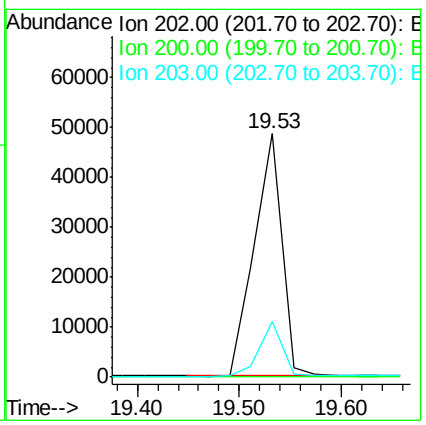


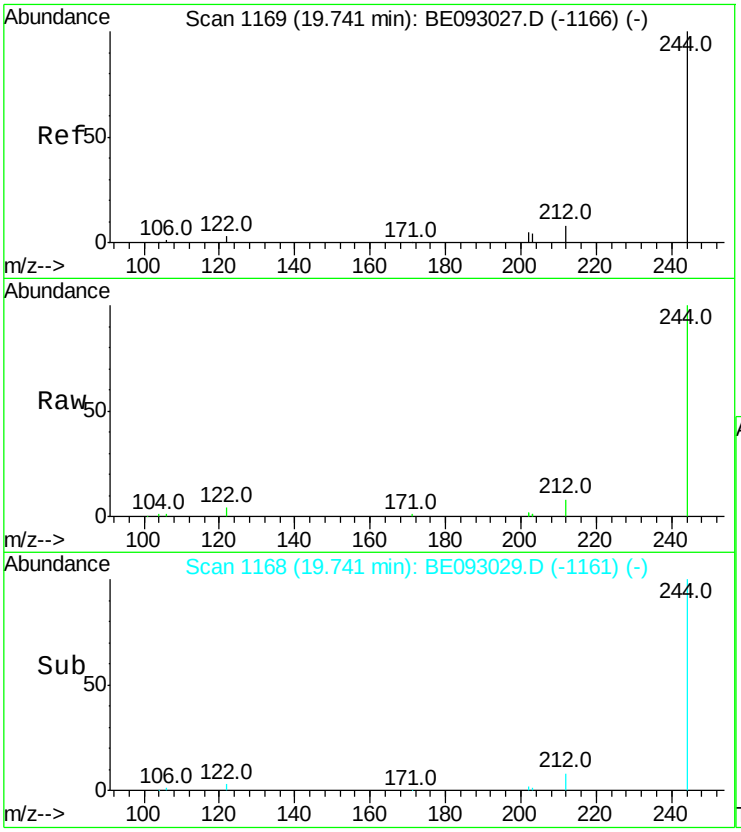


#28
Pyrene
Concen: 1.55 ng
RT: 19.53 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:202 Resp: 90929

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.6	13.7	20.5



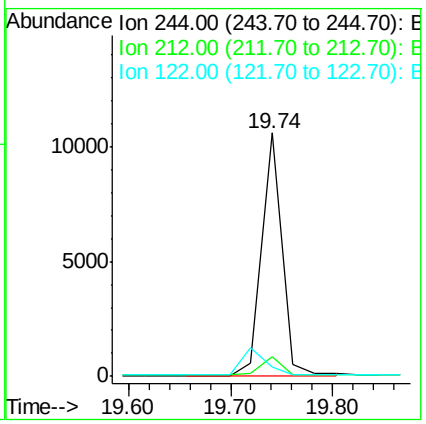


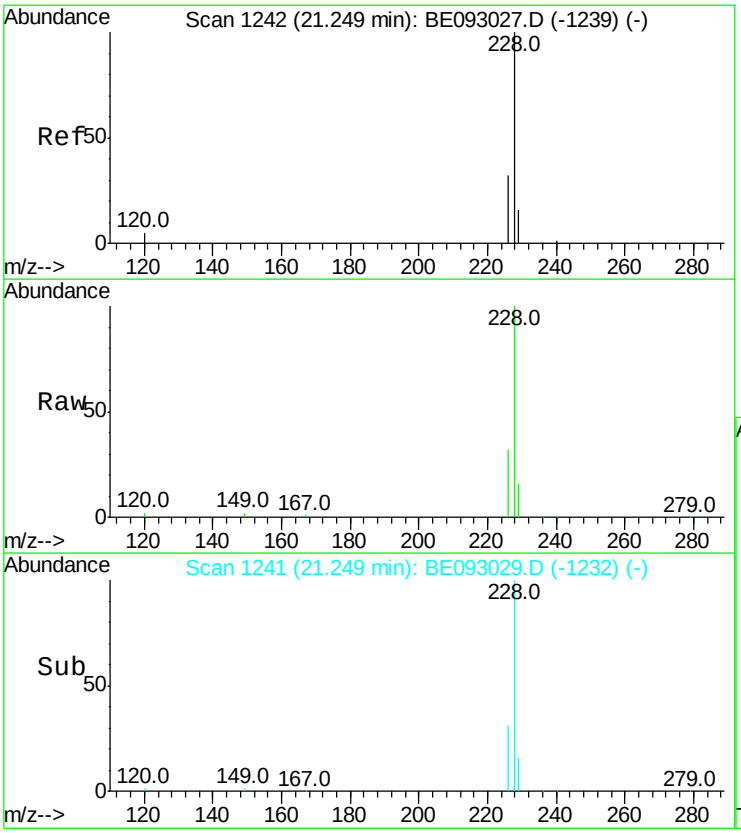
#29
Terphenyl-d14
Concen: 1.77 ng
RT: 19.74 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 14701

Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.6	16.0#
122	3.7	15.4	23.0#

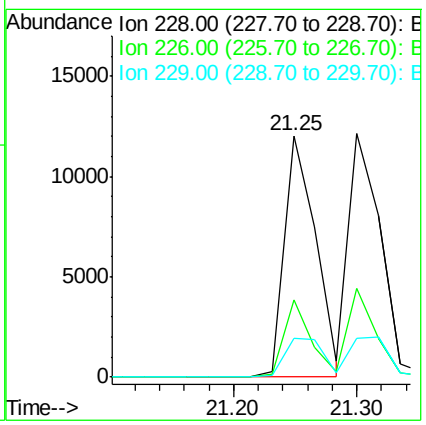


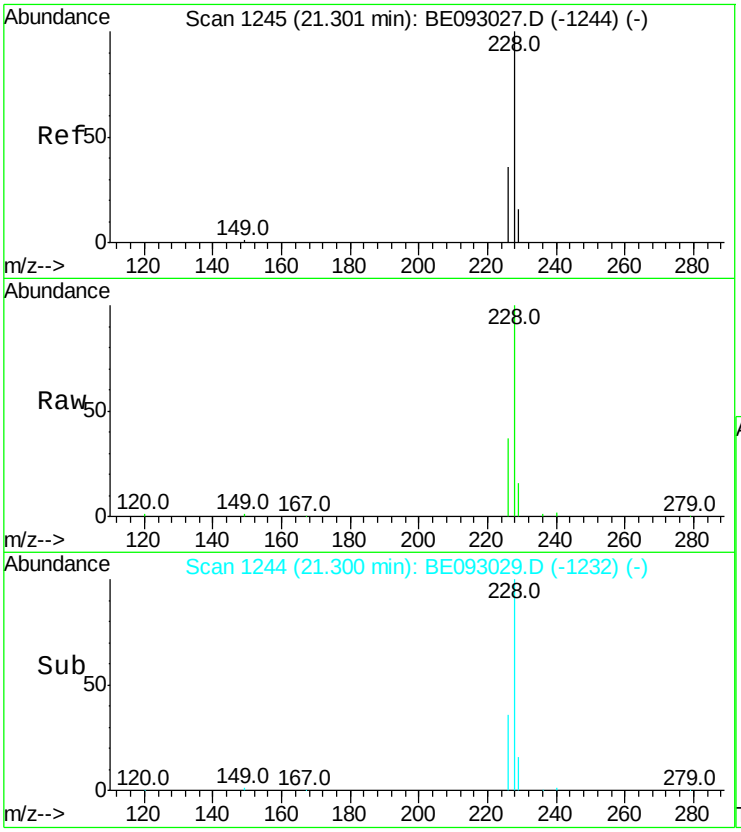


#30
Benzo(a)anthracene
Concen: 1.84 ng
RT: 21.25 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:228 Resp: 21145

Ion	Ratio	Lower	Upper
228	100		
226	31.8	19.7	29.5#
229	16.2	19.2	28.8#



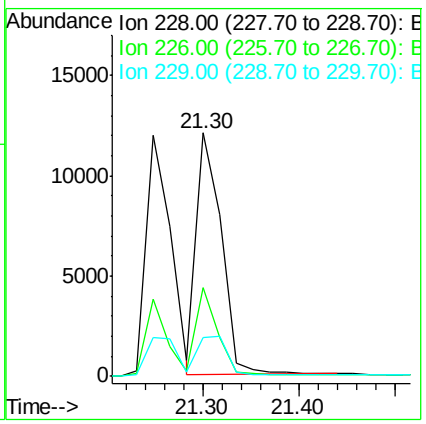


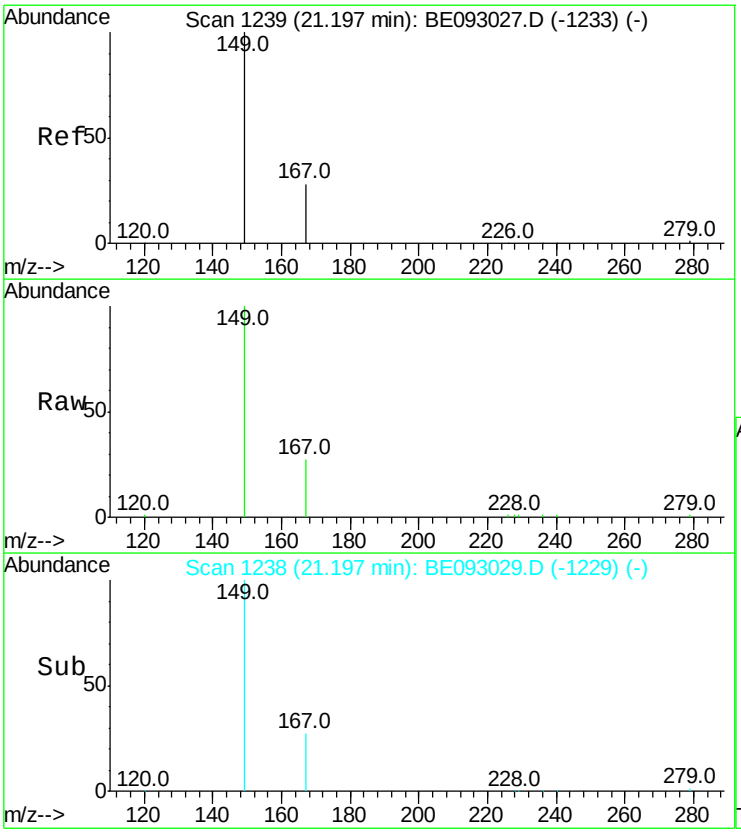
#31
Chrysene
Concen: 1.52 ng
RT: 21.30 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 21887

Ion	Ratio	Lower	Upper
228	100		
226	36.6	21.5	32.3#
229	15.9	18.6	28.0#

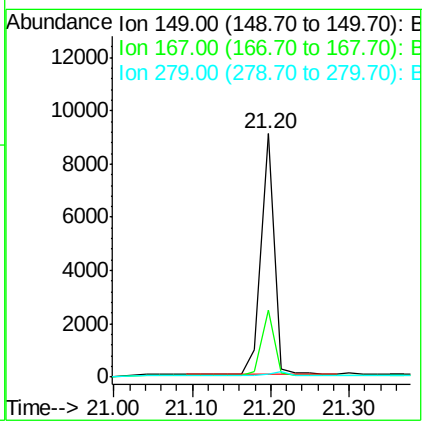


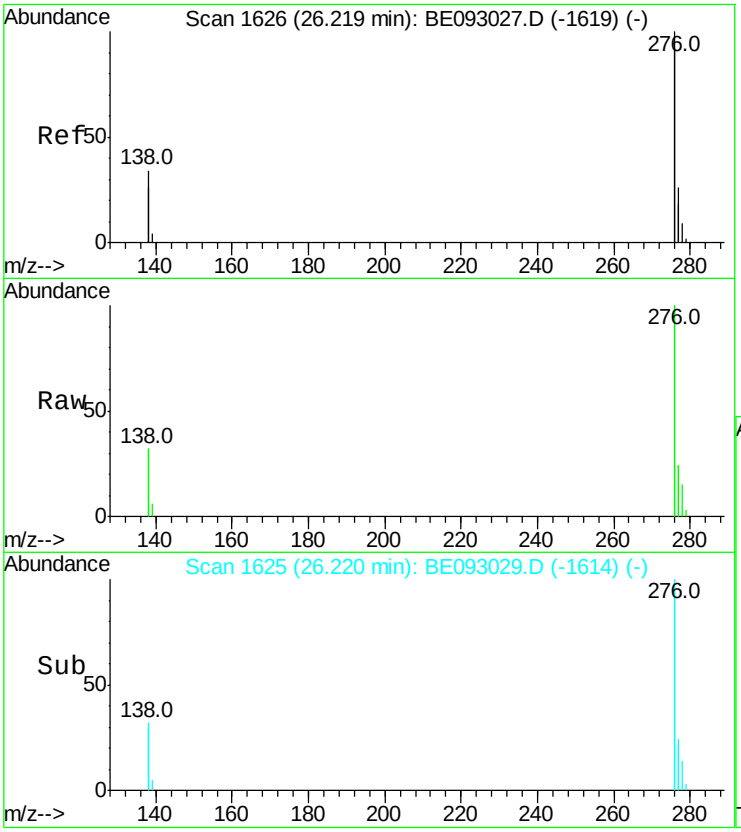


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.13 ng
RT: 21.20 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:149 Resp: 10826

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.1	30.1
279	2.1	2.2	3.4#



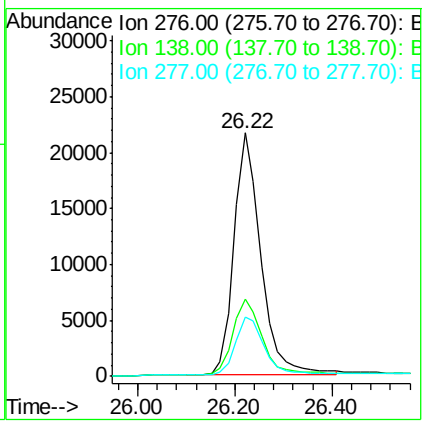


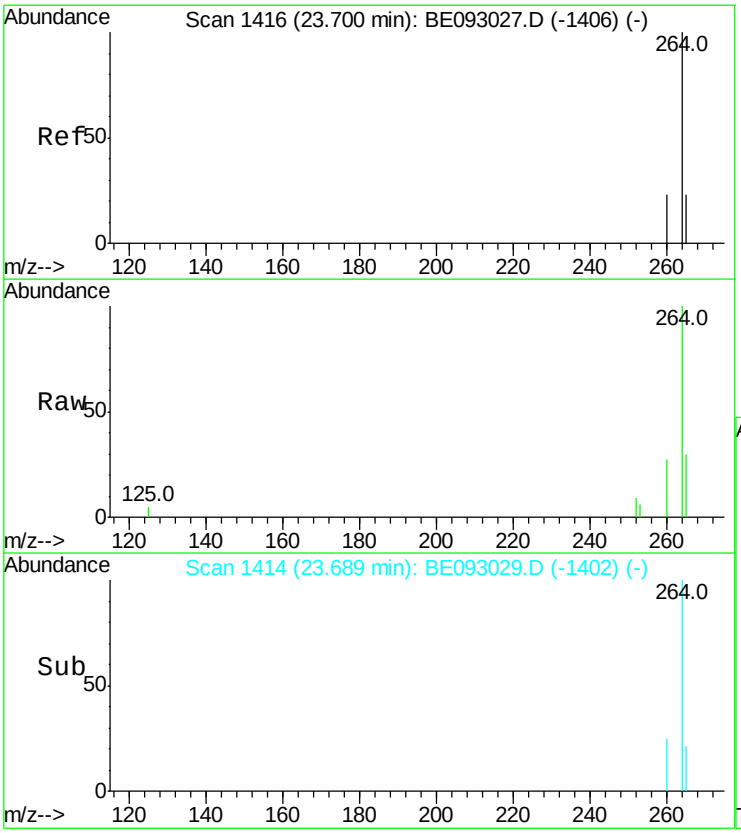
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.79 ng
RT: 26.22 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 82244

Ion	Ratio	Lower	Upper
276	100		
138	33.4	27.4	41.2
277	25.0	20.1	30.1

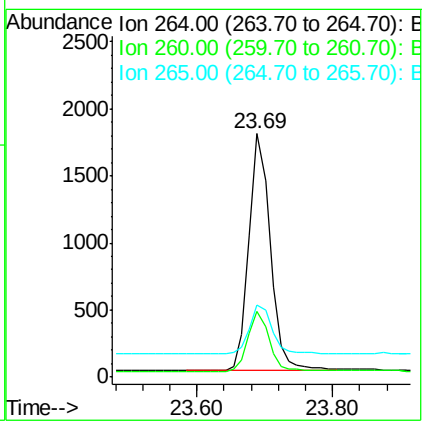


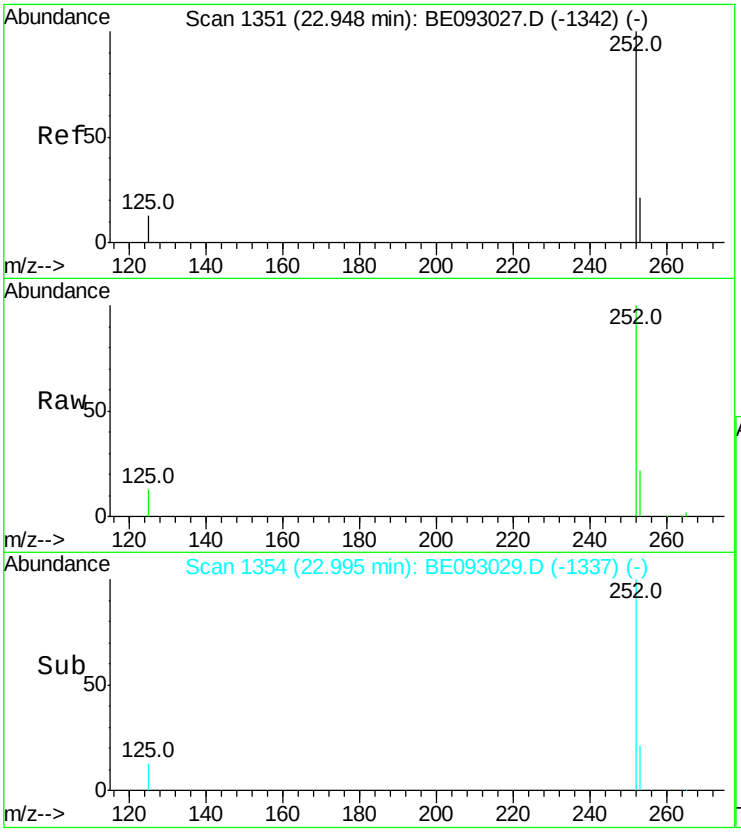


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:264 Resp: 3840

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.0	31.4
265	29.8	24.6	36.8



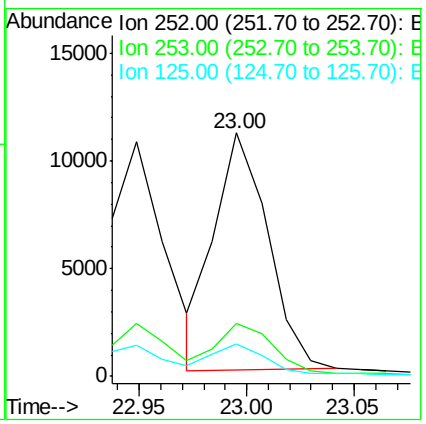


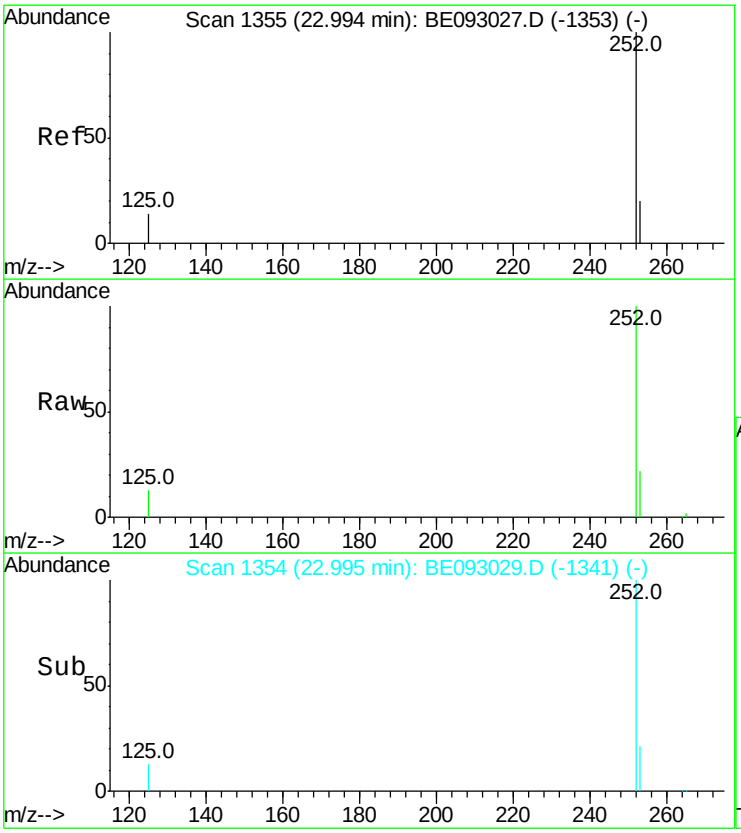
#35
Benzo(b)fluoranthene
Concen: 1.53 ng
RT: 23.00 min Scan# 1354
Delta R.T. 0.05 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 19008

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	13.4	13.4	20.0

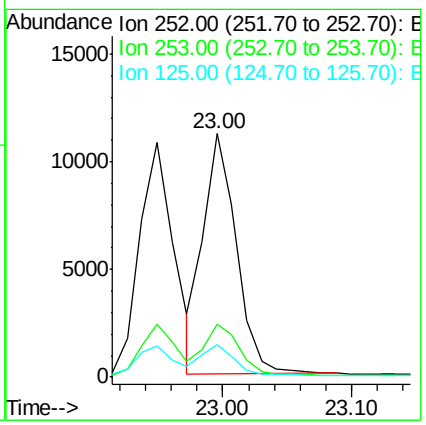


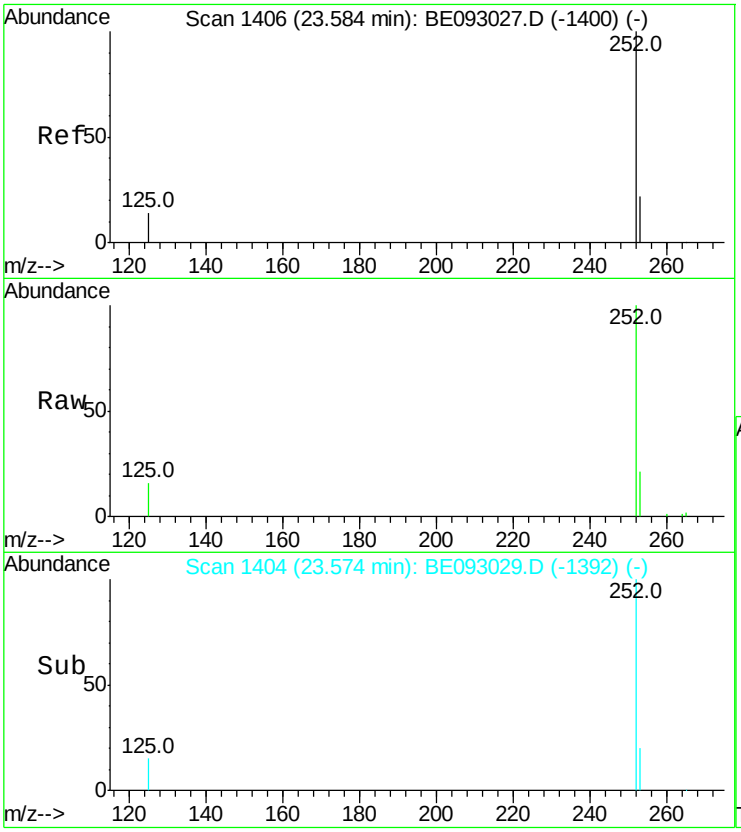


#36
Benzo(k)fluoranthene
Concen: 1.61 ng
RT: 23.00 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:252 Resp: 19968

Ion	Ratio	Lower	Upper
252	100		
253	21.7	20.3	30.5
125	13.4	12.2	18.4



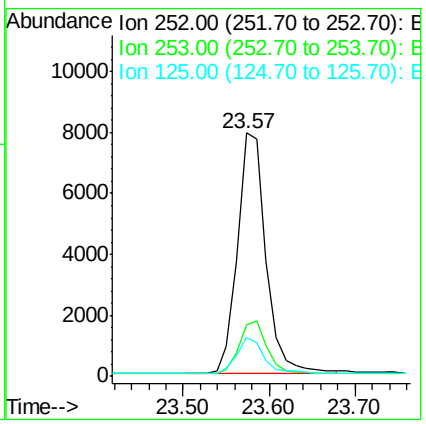


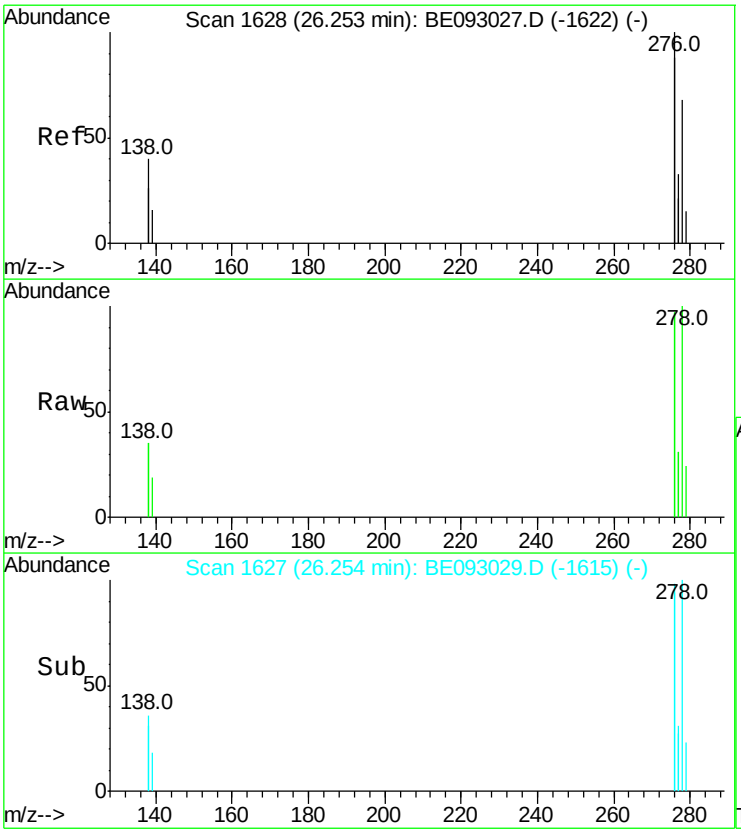
#37
Benzo(a)pyrene
Concen: 1.71 ng
RT: 23.57 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18371

Ion	Ratio	Lower	Upper
252	100		
253	21.2	19.9	29.9
125	15.7	14.6	21.8

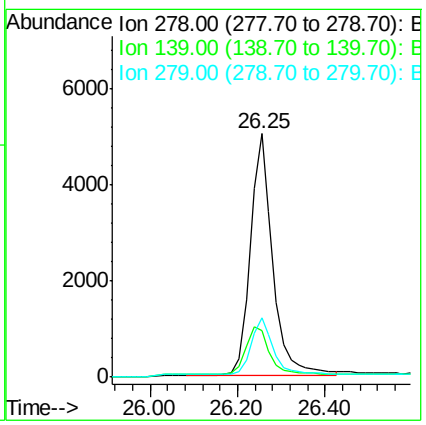


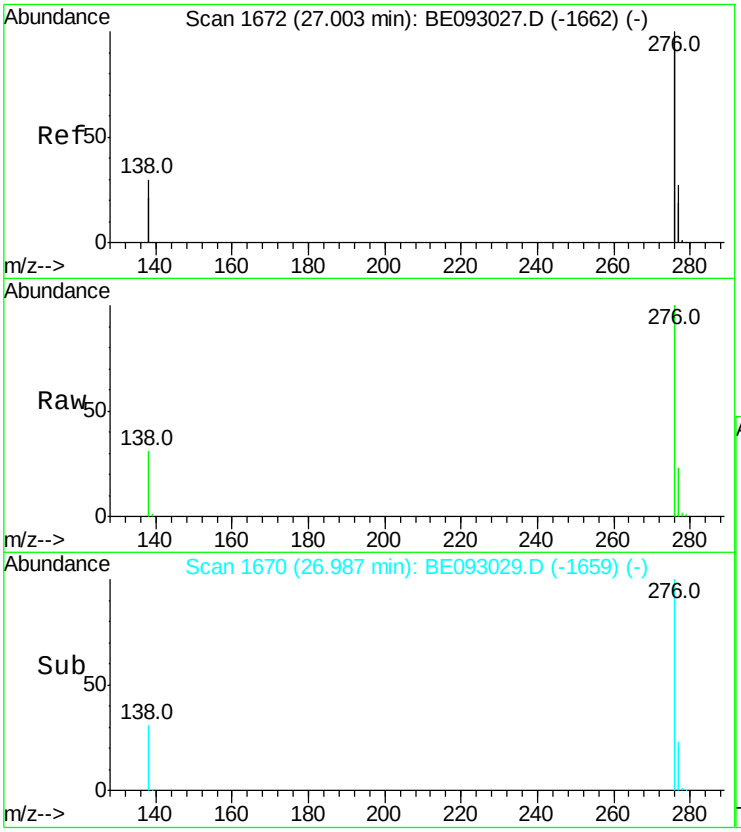


#38
Dibenzo(a,h)anthracene
Concen: 1.82 ng
RT: 26.25 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Tgt Ion:278 Resp: 17737

Ion	Ratio	Lower	Upper
278	100		
139	19.1	21.4	32.0#
279	24.2	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 1.68 ng
RT: 26.99 min Scan# 1670
Delta R.T. -0.02 min
Lab File: BE093029.D
Acq: 15 May 2017 11:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 74554

Ion	Ratio	Lower	Upper
276	100		
277	22.6	21.2	31.8
138	30.8	24.5	36.7