Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093039.D
Acq On : 15 May 2017 18:03
Operator : SJ/MA
Sample : I3079-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 16 01:12:41 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 13:35:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1154	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	4802	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	2435	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	7771	0.40	ng		0.00
27) Chrysene-d12	21.27	240	7036	0.40	ng		-0.02
34) Perylene-d12	23.69	264	6125	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	591	0.17	ng		0.00
5) Phenol-d6	6.92	99	534	0.11	ng		0.00
8) Nitrobenzene-d5	8.88	82	1428	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	2233	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	353	0.49	ng		-0.01
15) 2-Fluorobiphenyl	13.01	172	4983	0.50	ng		0.00
25) Fluoranthene-d10	19.14	212	6518	0.32	ng		0.00
29) Terphenyl-d14	19.74	244	7840	0.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	6410	3.01	ng	#	94
3) n-Nitrosodimethylamine	3.54	42	180	0.09	ng	#	1
6) bis(2-Chloroethyl)ether	7.18	93	522	0.13	ng	#	98
9) Naphthalene	10.56	128	399	0.03	ng	#	56
12) 2-Methylnaphthalene	12.19	142	408	0.05	ng	#	89
16) Acenaphthylene	14.10	152	695	0.02	ng	#	62
17) Acenaphthene	14.44	154	10278	1.34	ng		92
18) Fluorene	15.43	166	294	0.03	ng	#	60
21) Hexachlorobenzene	16.47	284	3	Below Cal		#	100
22) Pentachlorophenol	16.79	266	38	0.02	ng	#	85
24) Anthracene	17.28	178	1519	0.03	ng	#	61
26) Fluoranthene	19.16	202	4433	0.05	ng	#	98
28) Pyrene	19.53	202	5014	0.06	ng	#	93
30) Benzo(a)anthracene	21.25	228	271	0.01	ng	#	1
31) Chrysene	21.25	228	283	0.01	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.20	149	2147	0.26	ng		92
35) Benzo(b)fluoranthene	22.95	252	70	0.00	ng	#	1
36) Benzo(k)fluoranthene	22.95	252	70	0.00	ng	#	1
37) Benzo(a)pyrene	23.57	252	50	0.00	ng	#	1
38) Dibenzo(a,h)anthracene	26.25	278	61	0.00	ng	#	1
39) Benzo(g,h,i)perylene	26.99	276	141	0.00	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093039.D
Acq On : 15 May 2017 18:03
Operator : SJ/MA
Sample : I3079-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 16 01:12:41 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 13:35:57 2017
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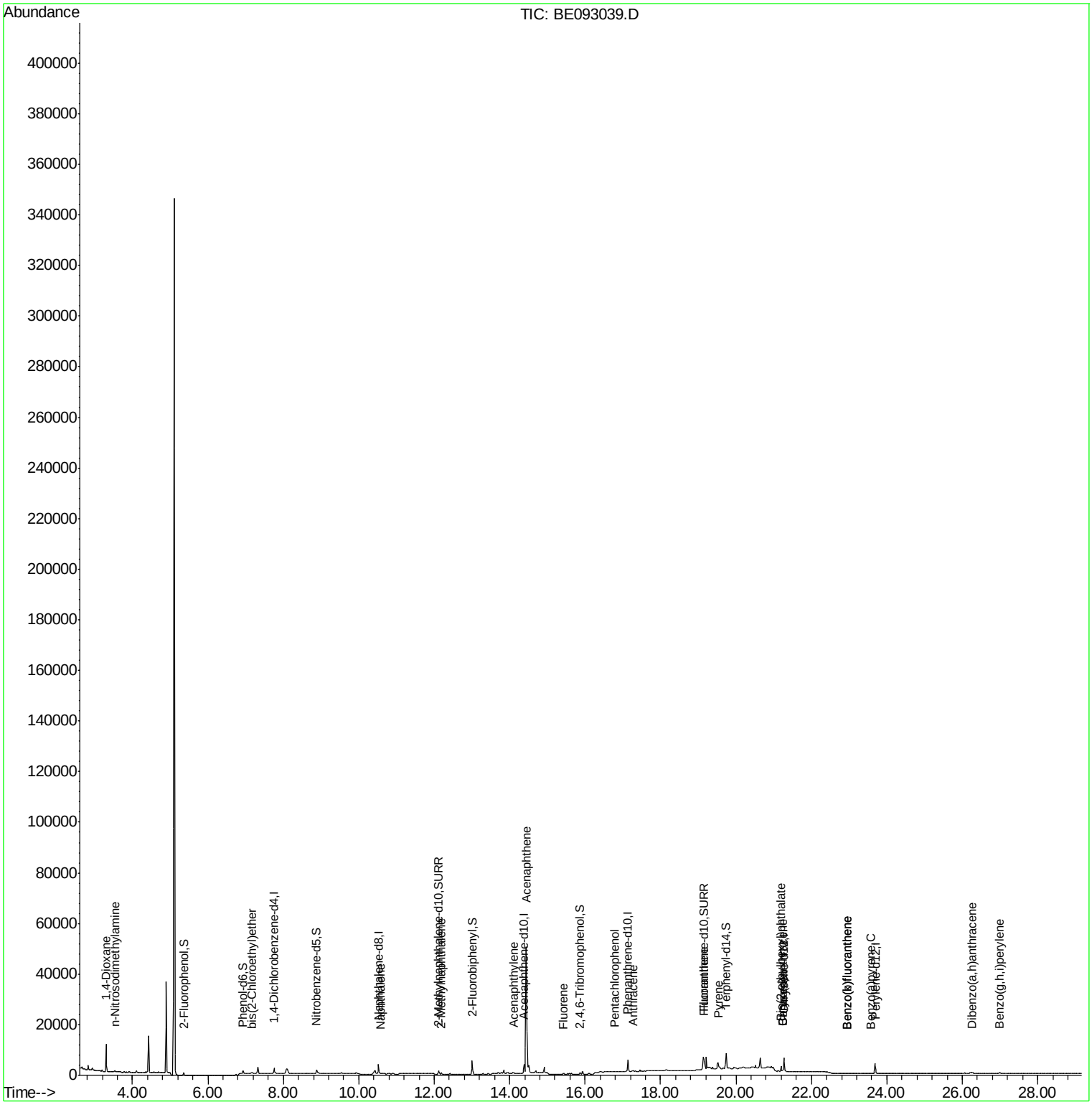
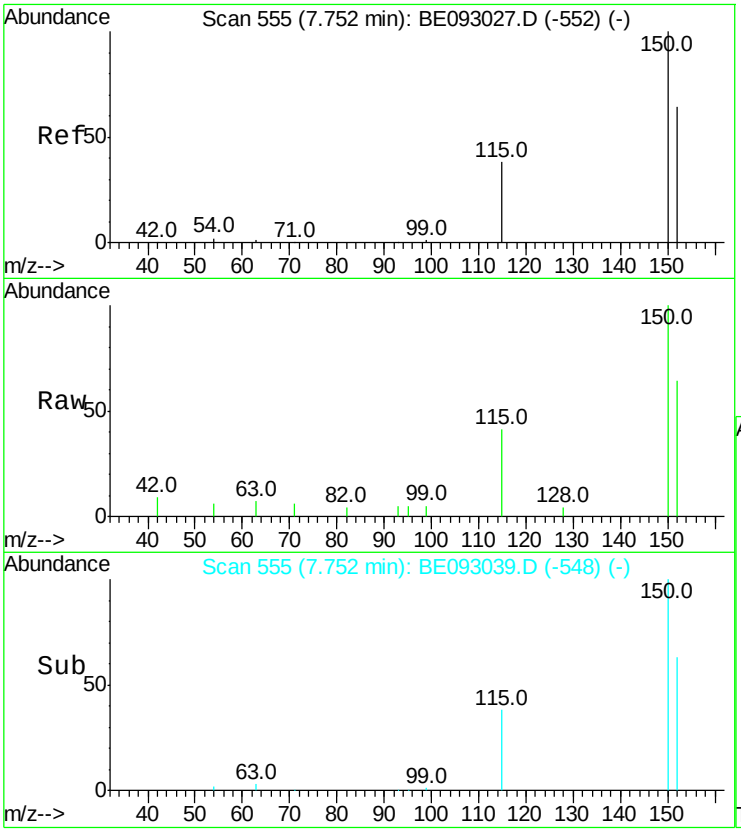


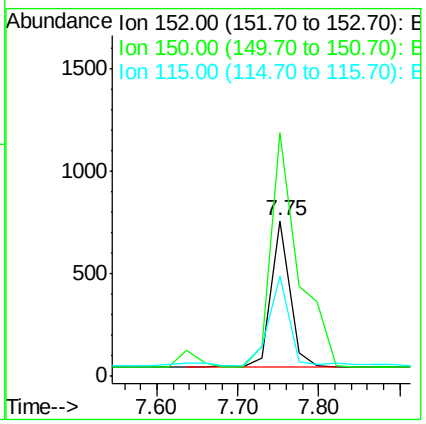


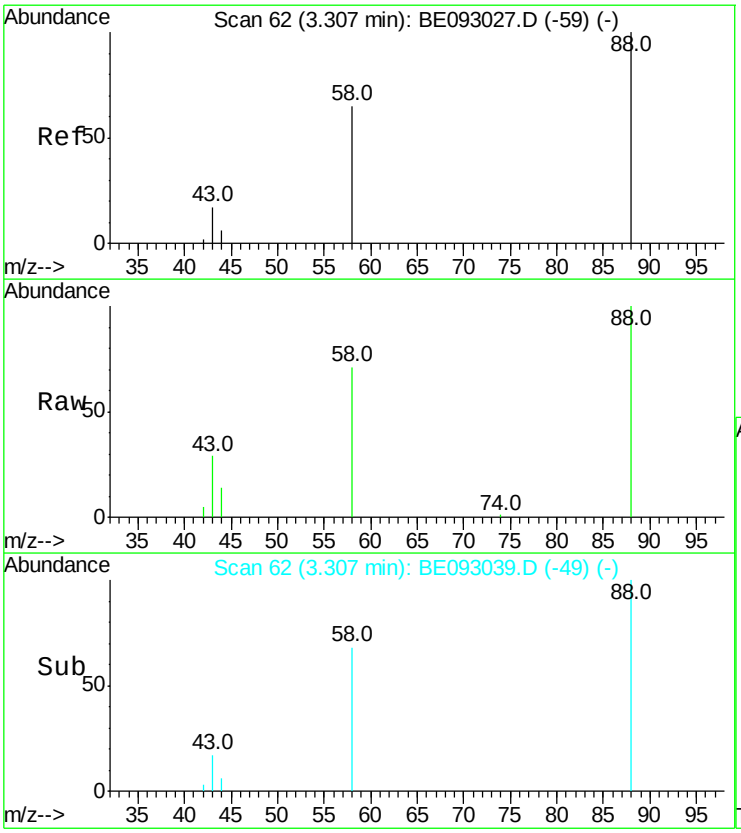
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1154

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.1	187.7
115	64.3	55.7	83.5

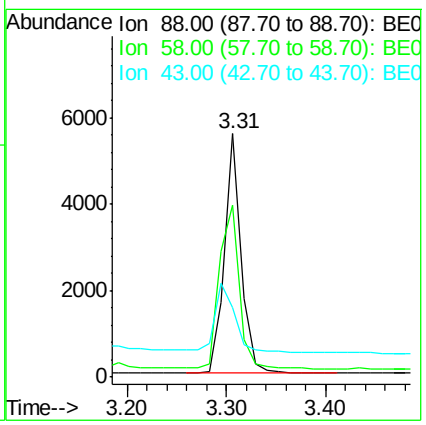


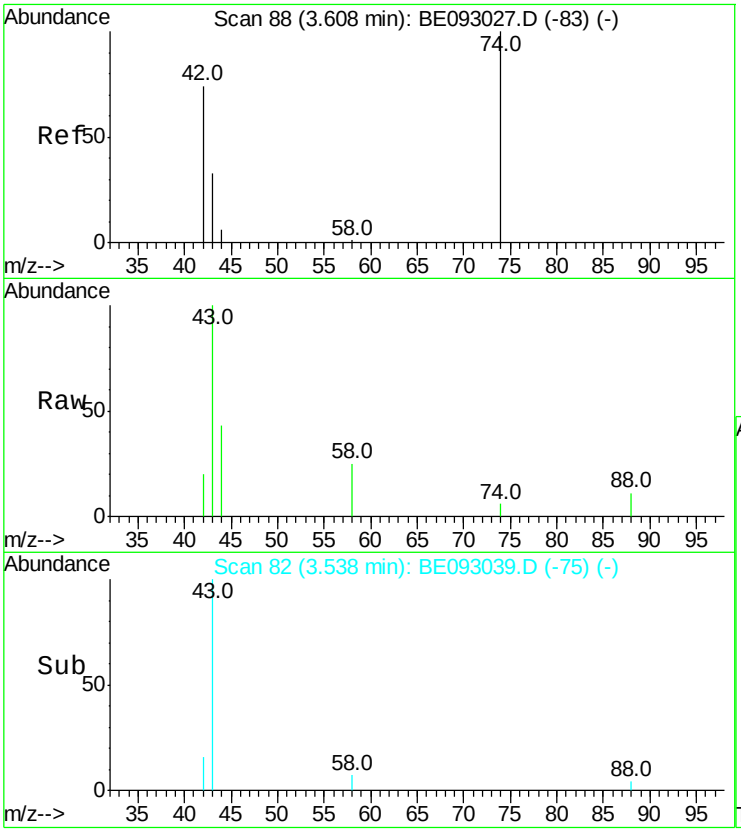


#2
1,4-Dioxane
Concen: 3.01 ng
RT: 3.31 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion: 88 Resp: 6410

Ion	Ratio	Lower	Upper
88	100		
58	80.8	62.2	93.4
43	35.9	23.2	34.8#



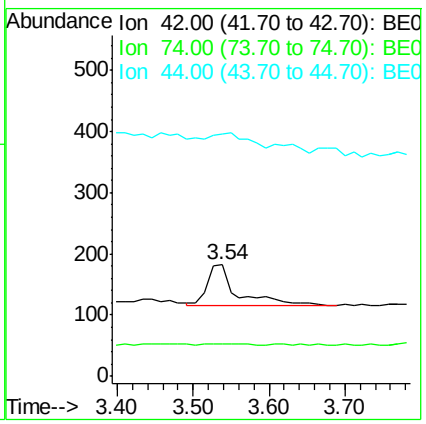


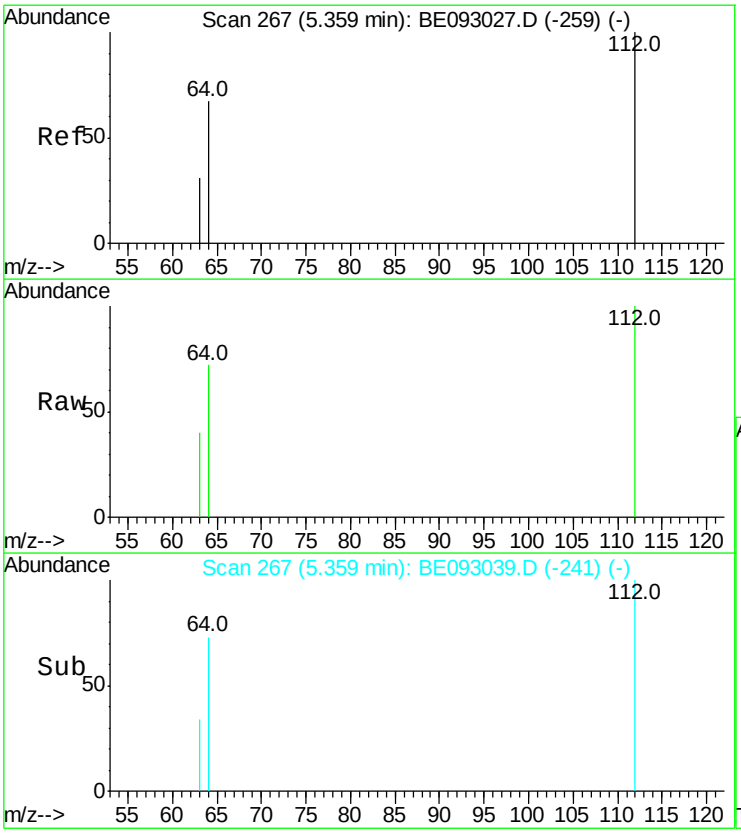
#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.54 min Scan# 82
Delta R.T. -0.07 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 180

Ion	Ratio	Lower	Upper
42	100		
74	0.0	99.1	148.7#
44	38.9	7.4	11.2#

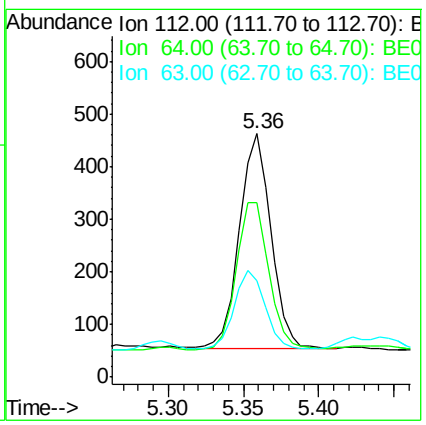


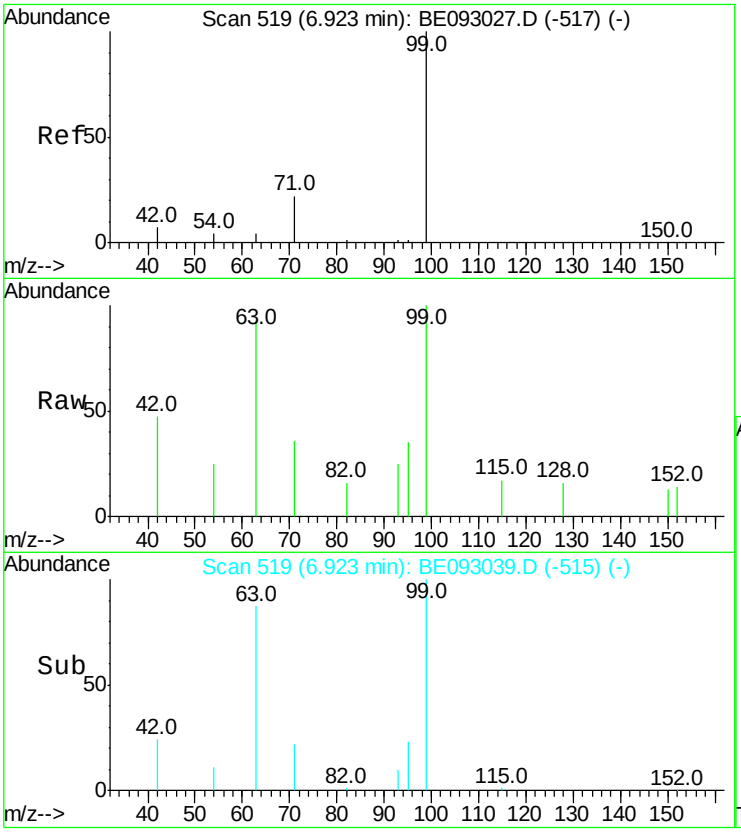


#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:112 Resp: 591

Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.4	84.6
63	35.4	29.3	43.9



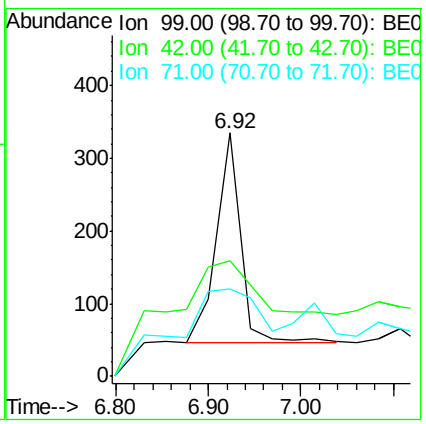


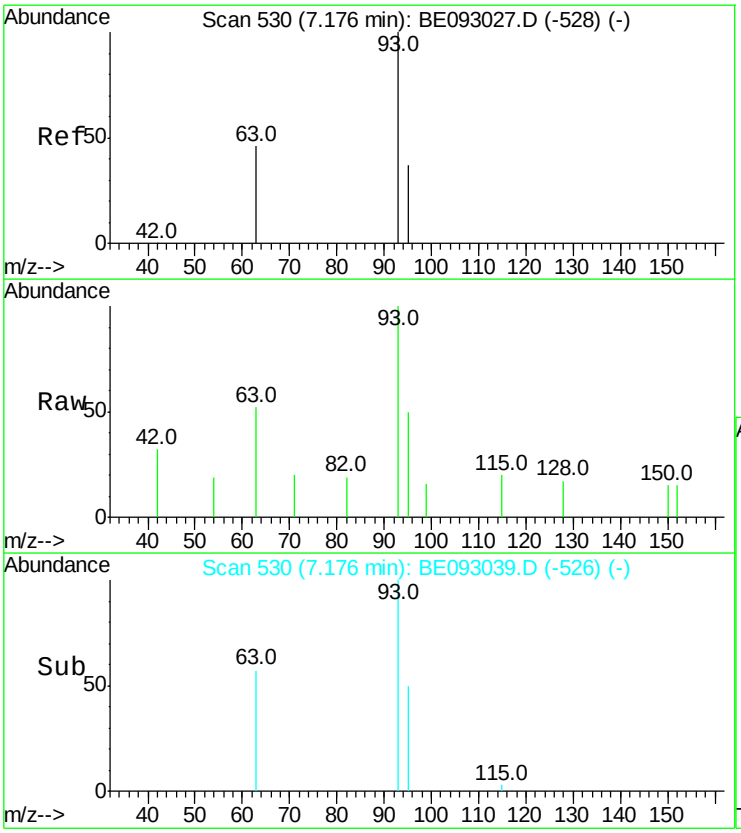
#5
Phenol-d6
Concen: 0.11 ng
RT: 6.92 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 534

Ion	Ratio	Lower	Upper
99	100		
42	48.1	0.0	0.0#
71	54.1	0.0	0.0#

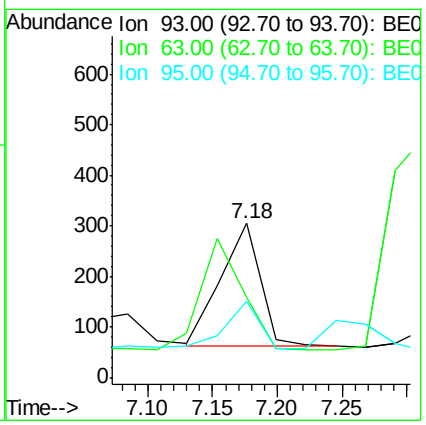


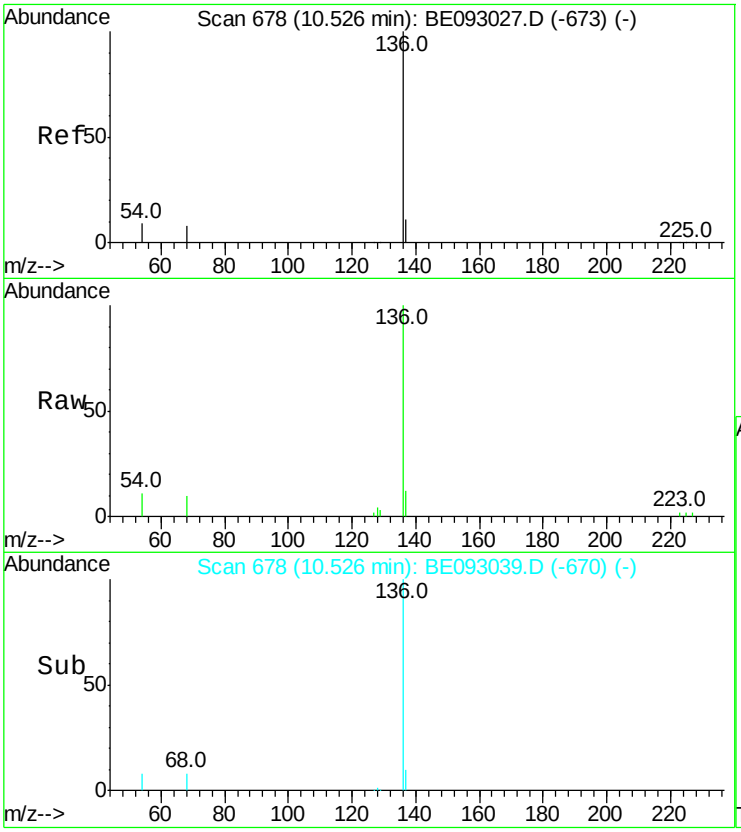


#6
bis(2-Chloroethyl)ether
Concen: 0.13 ng
RT: 7.18 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion: 93 Resp: 522

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	32.6	25.4	38.0



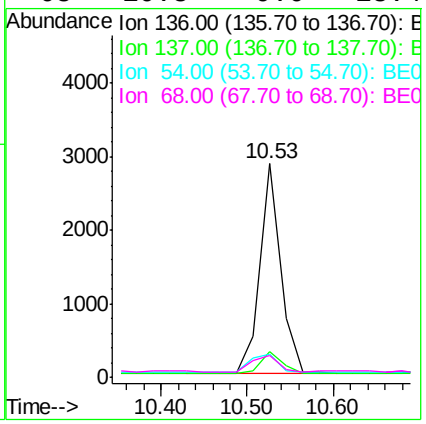


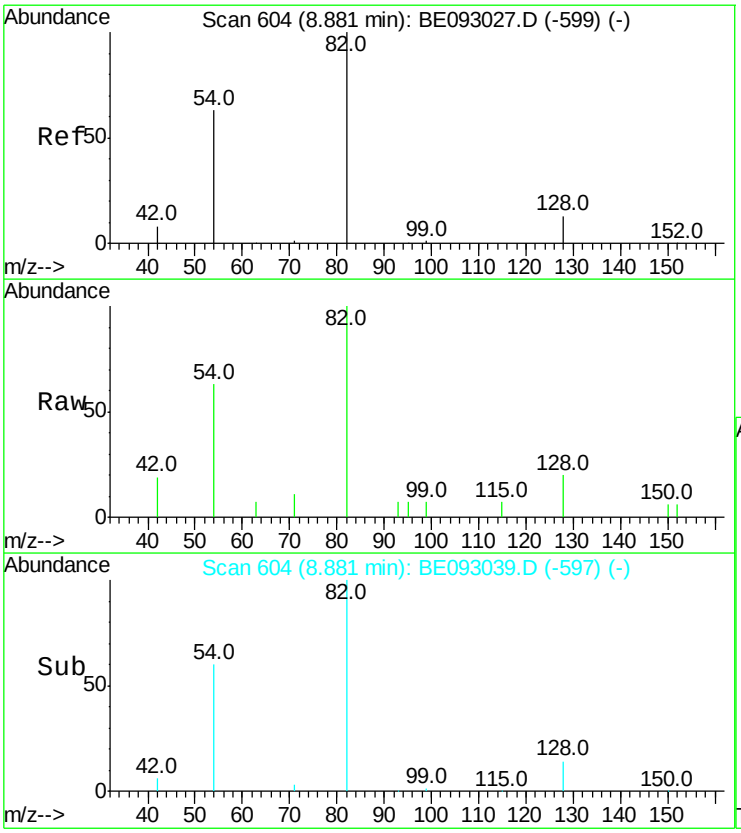
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4802

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.8
54	10.5	10.3	15.5
68	10.3	9.0	13.4

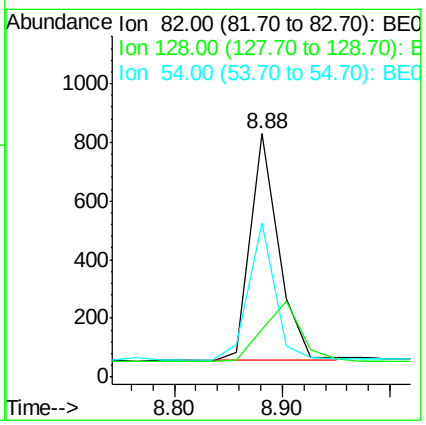


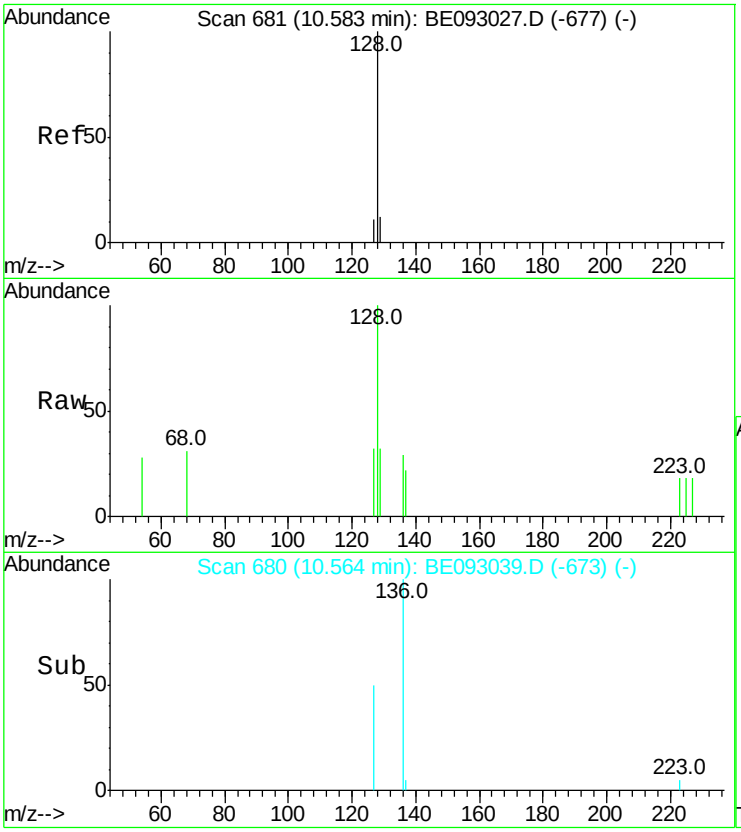


#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.88 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion: 82 Resp: 1428

Ion	Ratio	Lower	Upper
82	100		
128	19.5	17.0	25.4
54	63.4	53.8	80.6



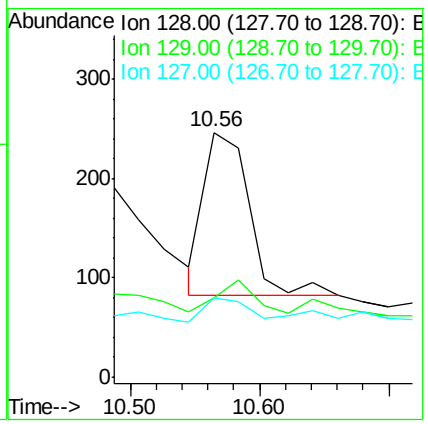


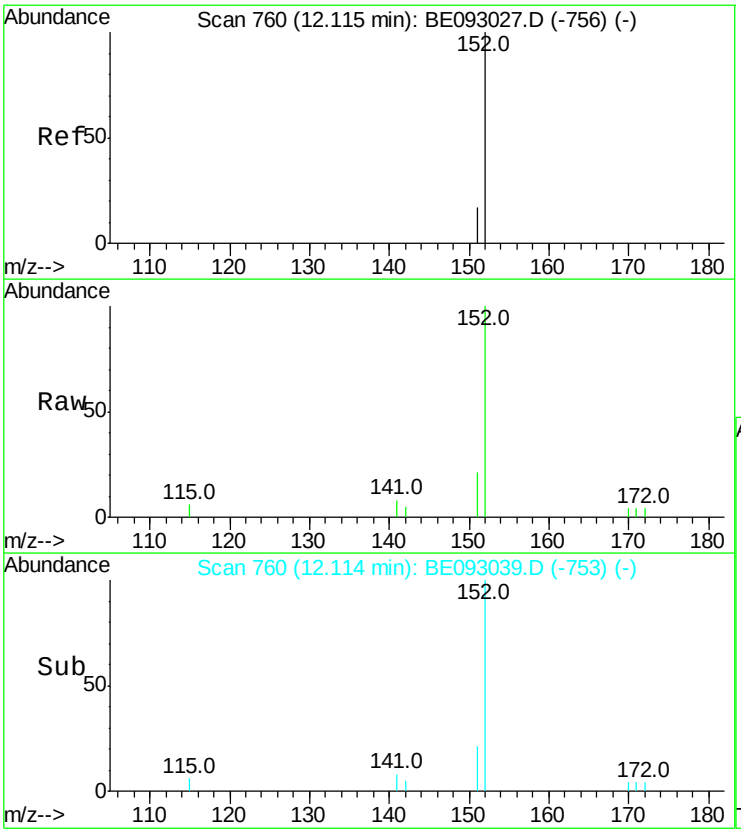
#9
Naphthalene
Concen: 0.03 ng
RT: 10.56 min Scan# 680
Delta R.T. -0.02 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 399

Ion	Ratio	Lower	Upper
128	100		
129	32.1	11.4	17.0#
127	32.1	11.2	16.8#

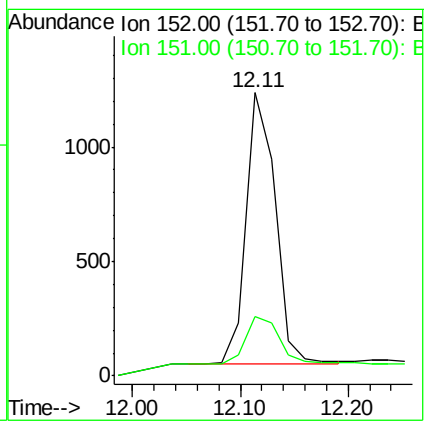


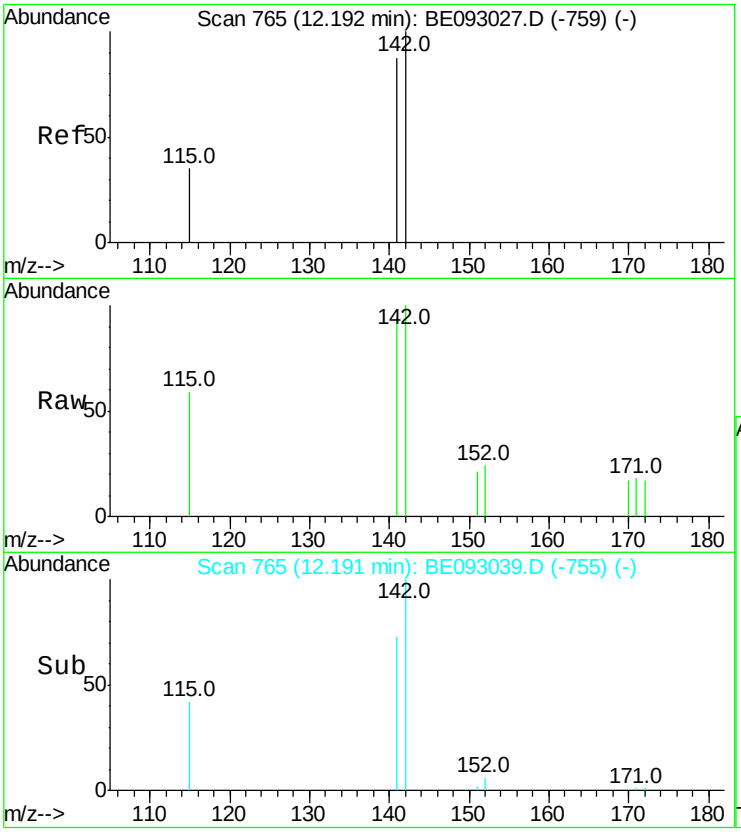


#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:152 Resp: 2233

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.1	22.7



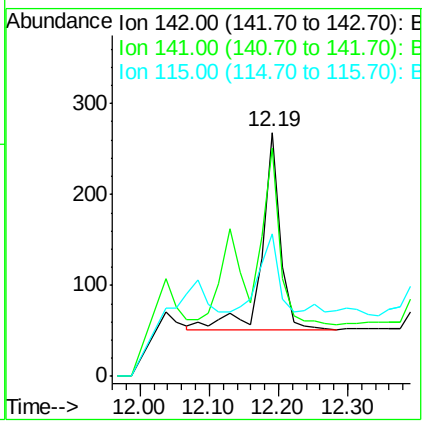


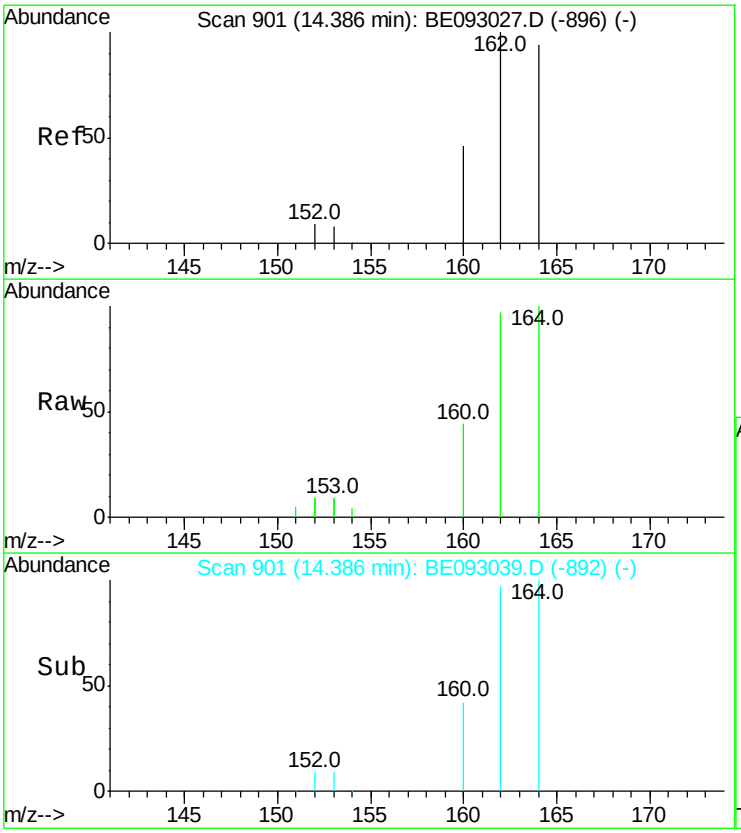
#12
2-Methylnaphthalene
Concen: 0.05 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 408

Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.6	108.8
115	58.6	32.2	48.2#

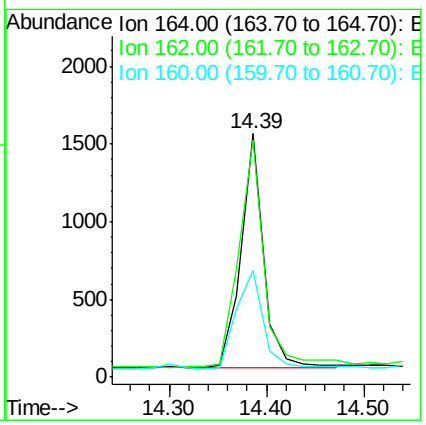


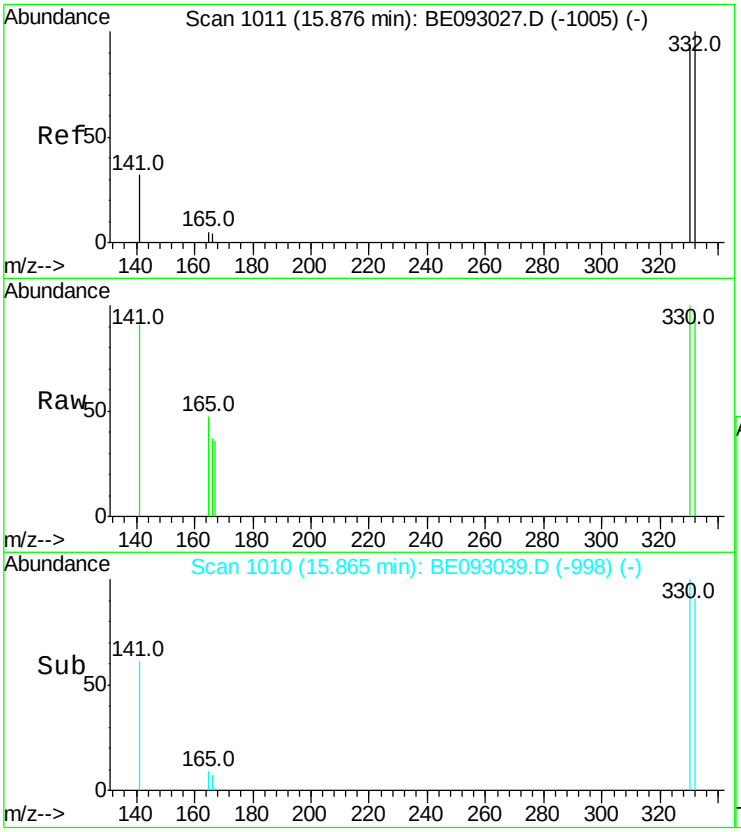


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:164 Resp: 2435

Ion	Ratio	Lower	Upper
164	100		
162	97.3	84.6	127.0
160	43.9	41.8	62.6



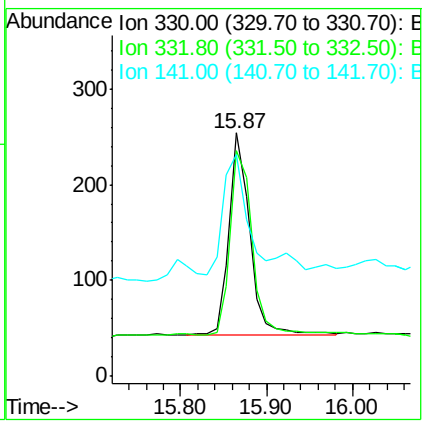


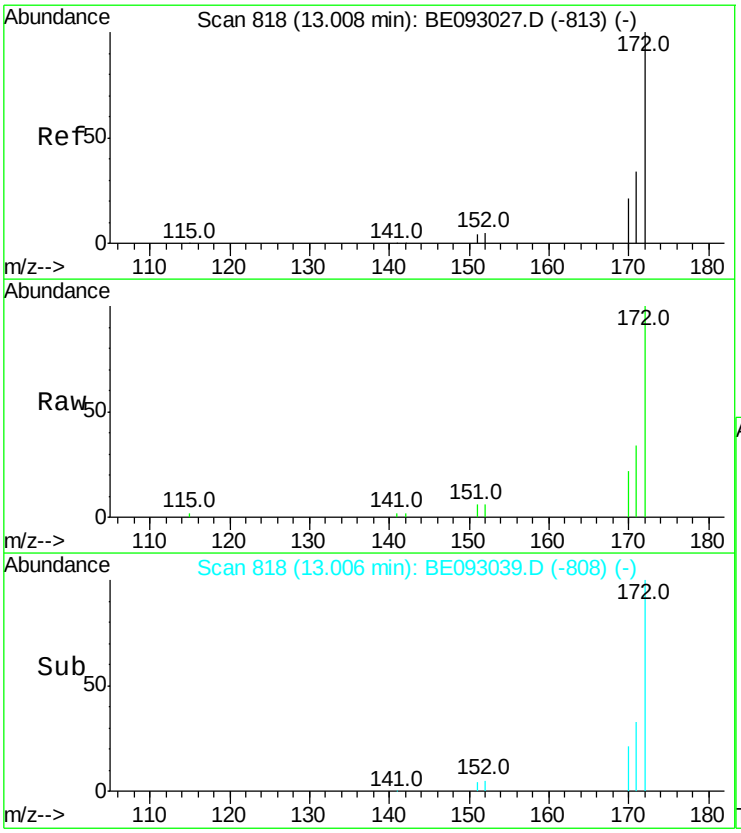
#14
2,4,6-Tribromophenol
Concen: 0.49 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 353

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	67.4	56.2	84.4

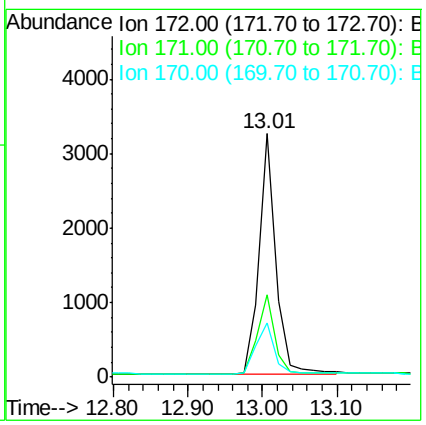


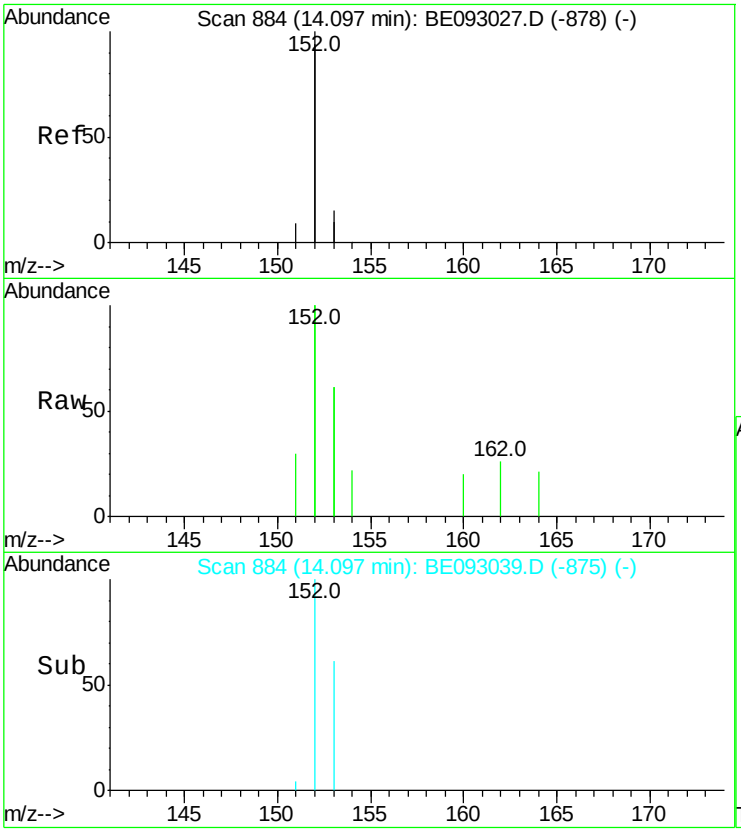


#15
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:172 Resp: 4983

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.8	44.6
170	22.1	20.7	31.1



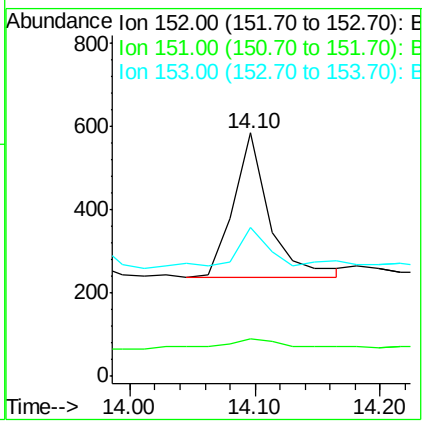


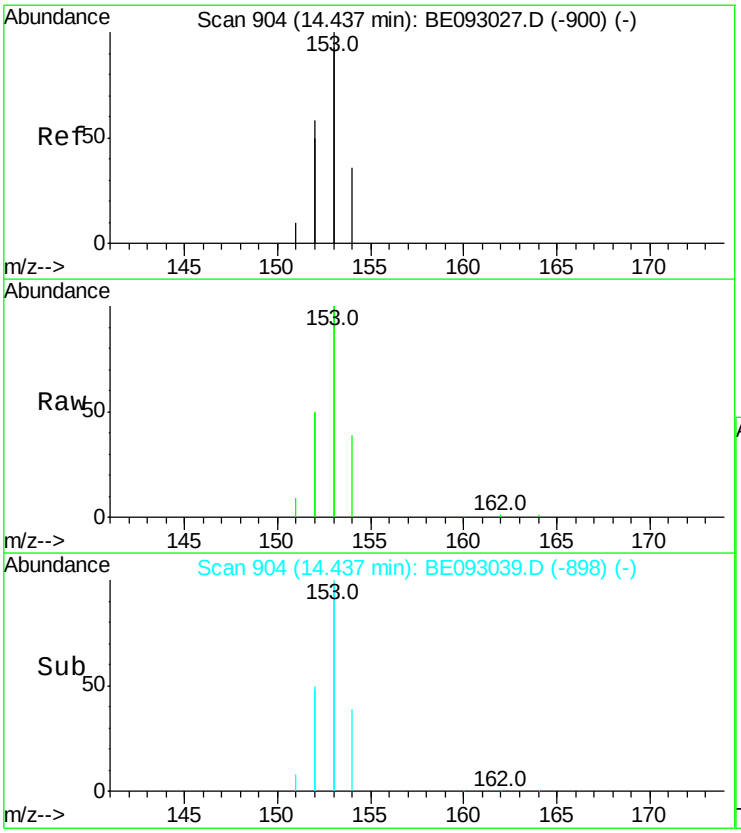
#16
Acenaphthylene
Concen: 0.02 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 695

Ion	Ratio	Lower	Upper
152	100		
151	12.2	4.0	6.0#
153	30.4	10.3	15.5#

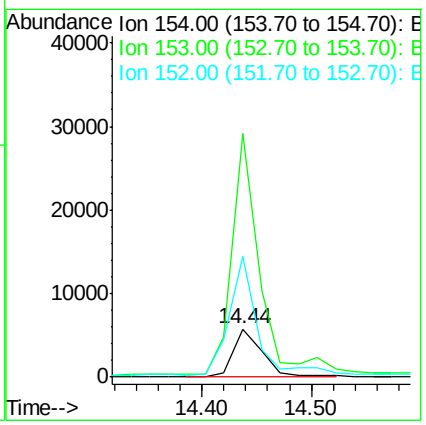


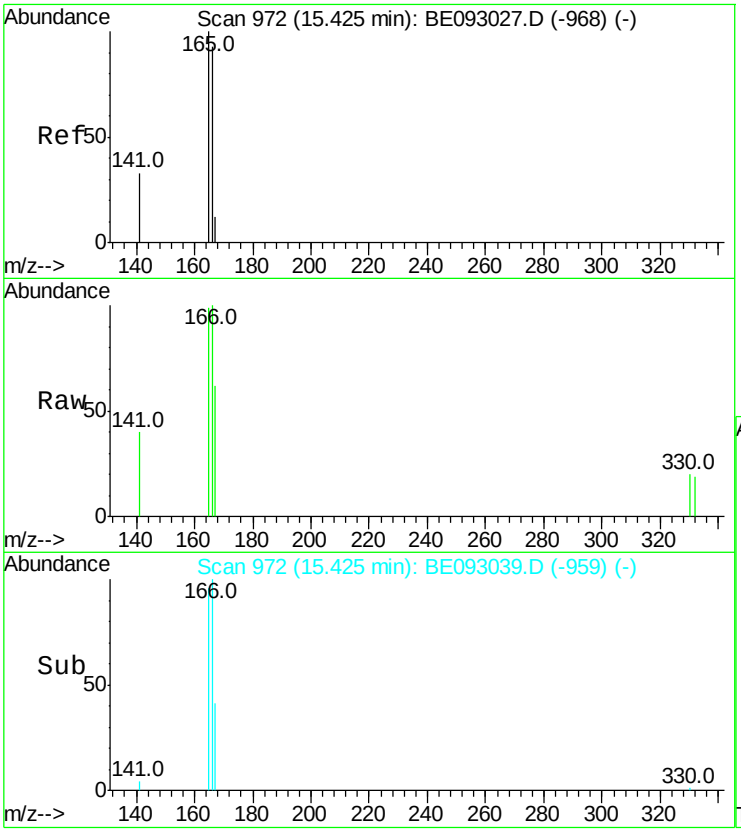


#17
Acenaphthene
Concen: 1.34 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:154 Resp: 10278

Ion	Ratio	Lower	Upper
154	100		
153	487.6	367.8	551.6
152	238.7	188.2	282.2



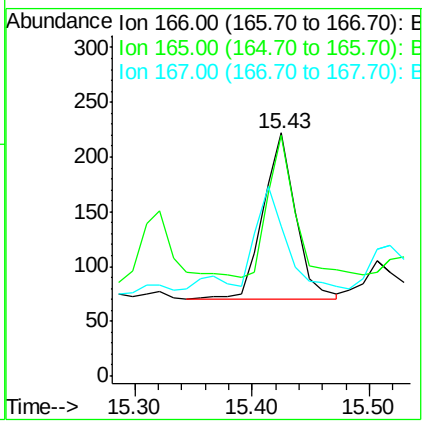


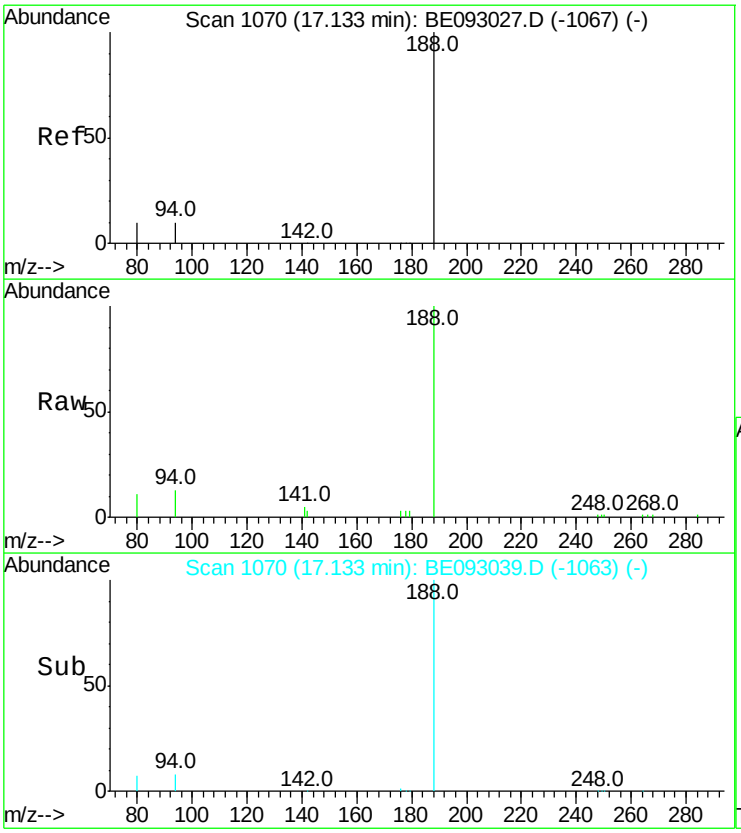
#18
Fluorene
Concen: 0.03 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 294

Ion	Ratio	Lower	Upper
166	100		
165	71.4	78.6	117.8#
167	68.4	11.1	16.7#

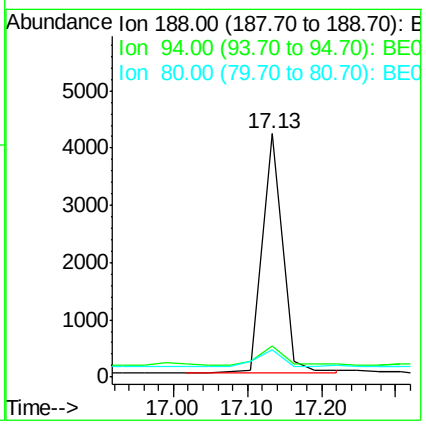


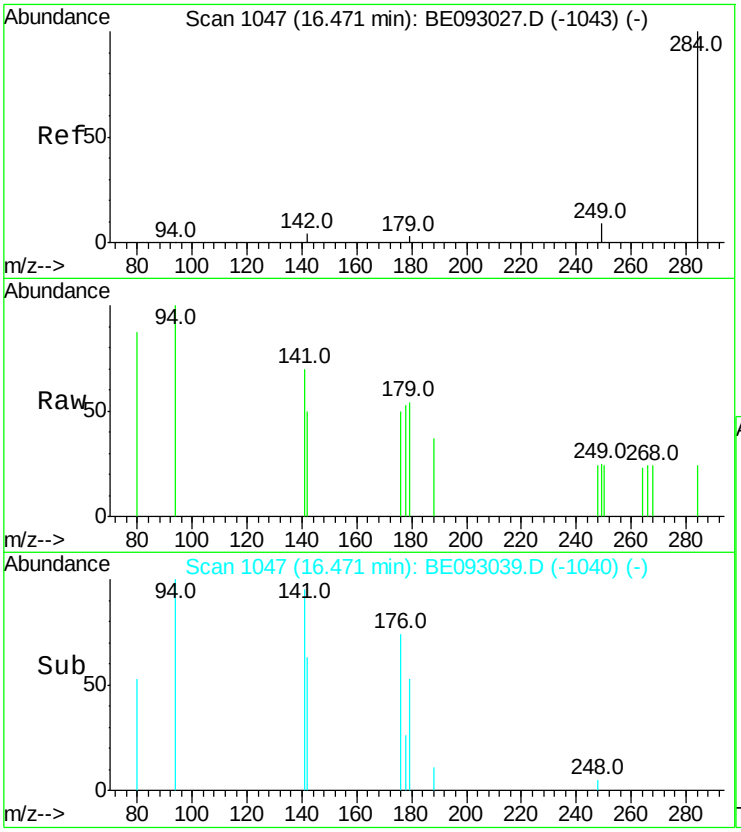


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:188 Resp: 7771

Ion	Ratio	Lower	Upper
188	100		
94	12.6	11.3	16.9
80	11.4	11.7	17.5#



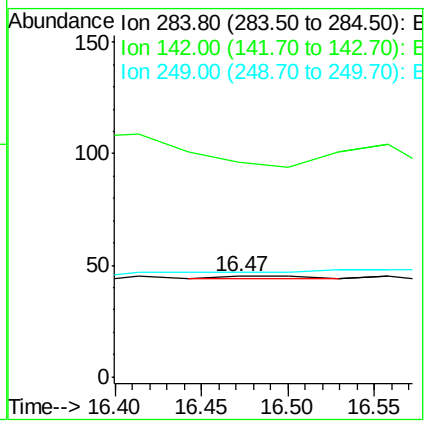


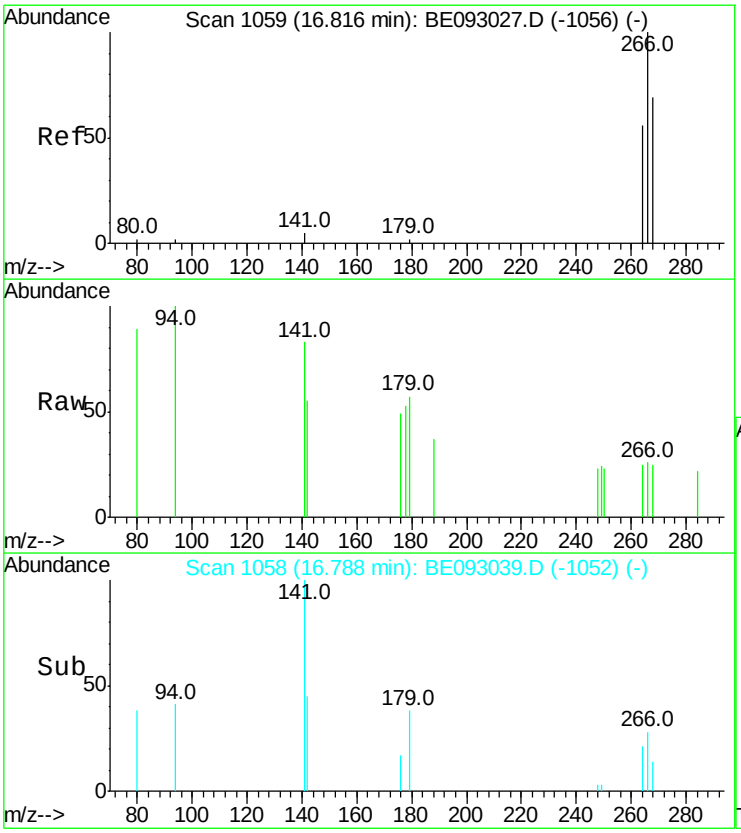
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.47 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3

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

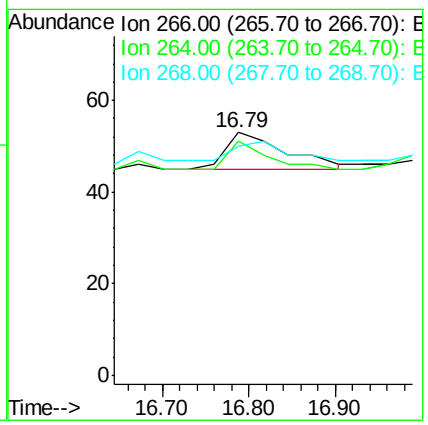


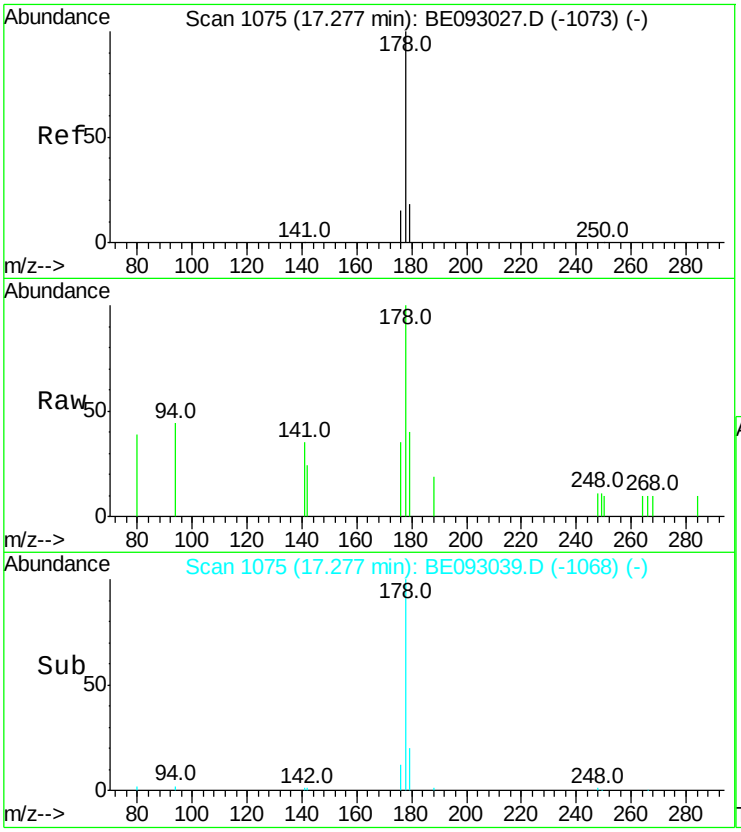


#22
Pentachlorophenol
Concen: 0.02 ng
RT: 16.79 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:266 Resp: 38

Ion	Ratio	Lower	Upper
266	100		
264	96.2	58.2	87.2#
268	94.3	71.9	107.9



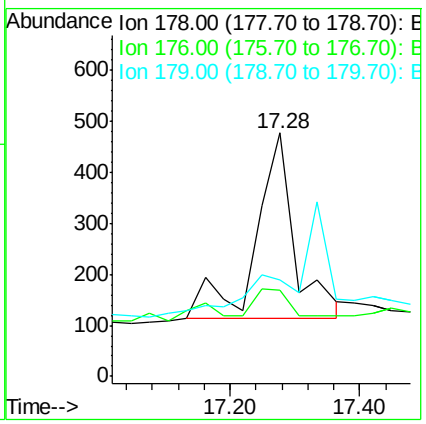


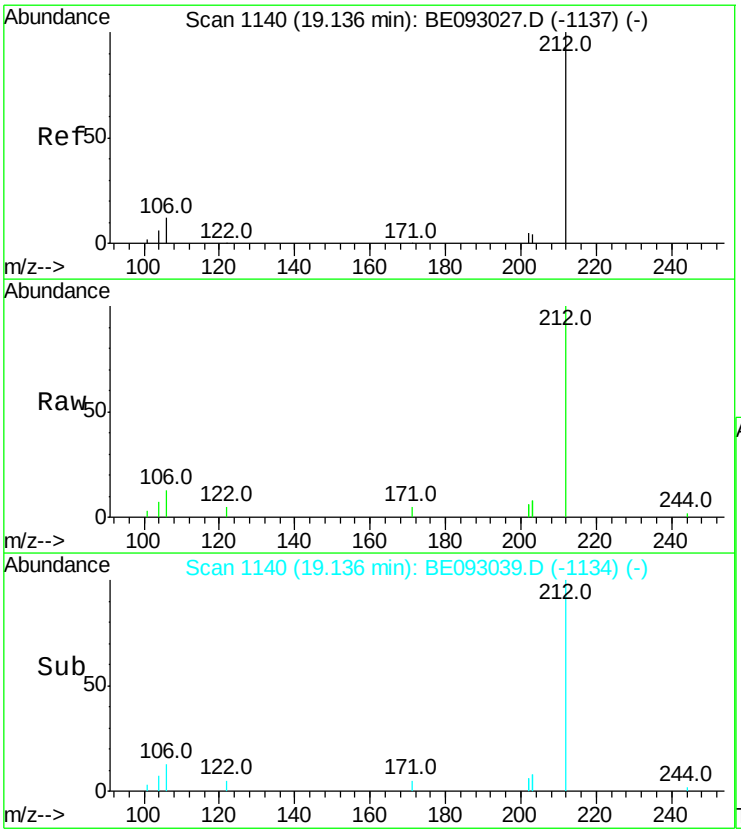
#24
Anthracene
Concen: 0.03 ng
RT: 17.28 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1519

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	0.0	12.0	18.0#

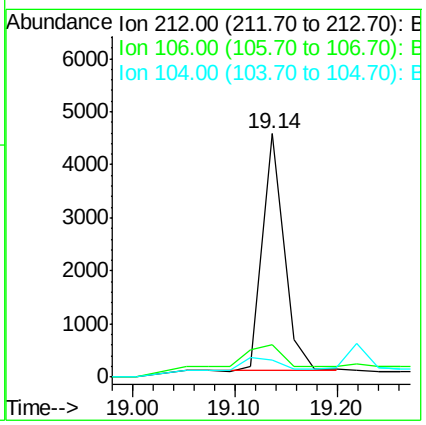


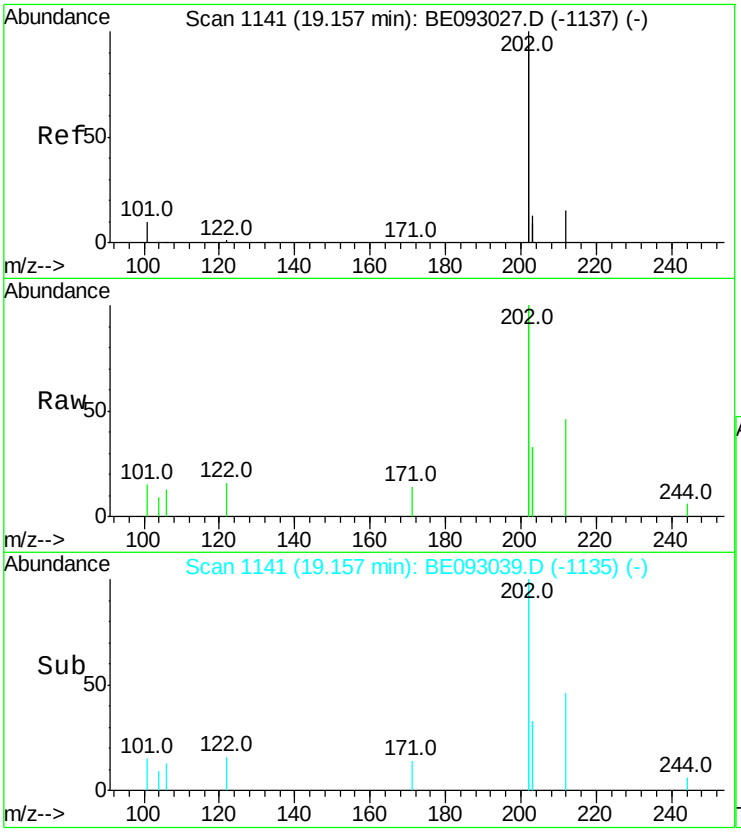


#25
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.14 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:212 Resp: 6518

Ion	Ratio	Lower	Upper
212	100		
106	15.0	0.0	0.0#
104	0.0	0.0	0.0



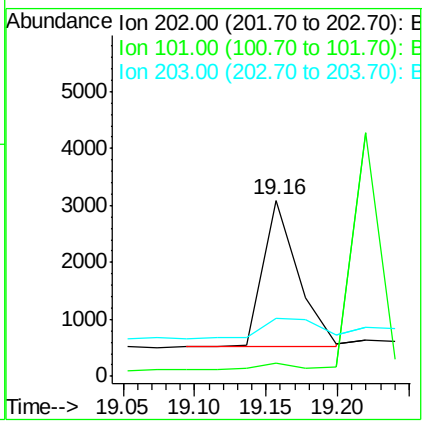


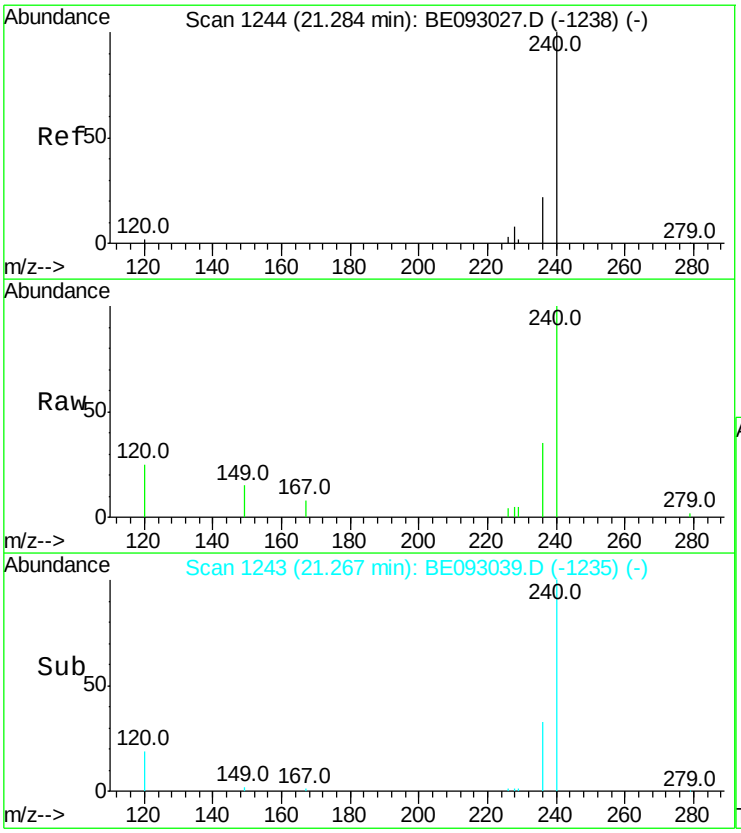
#26
Fluoranthene
Concen: 0.05 ng
RT: 19.16 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 4433

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.9	14.4	21.6

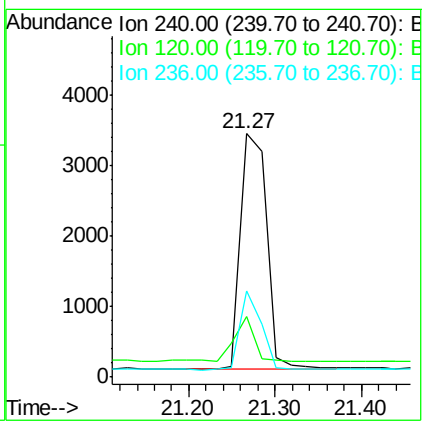


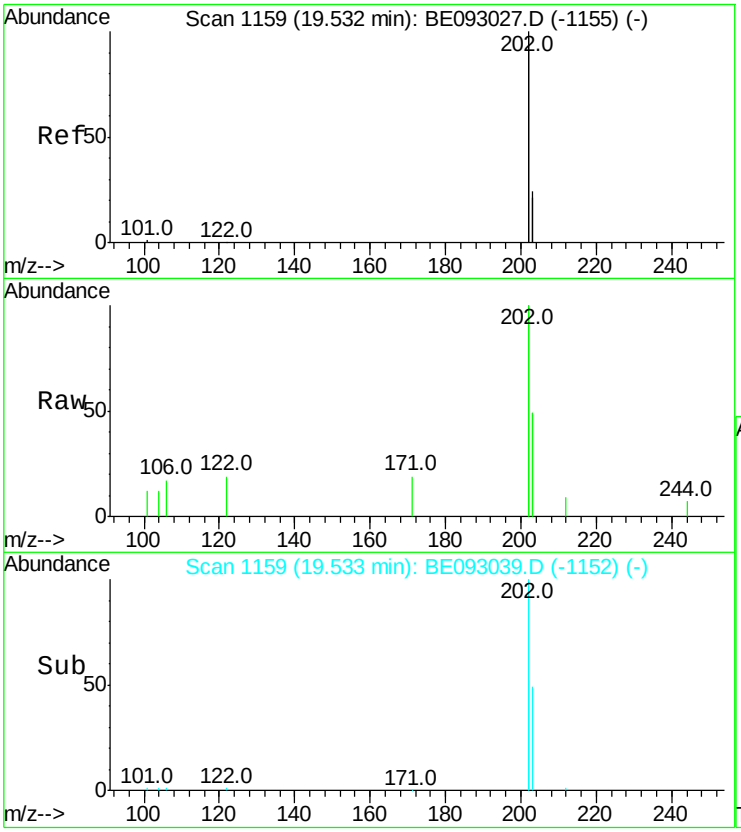


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.27 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:240 Resp: 7036

Ion	Ratio	Lower	Upper
240	100		
120	24.9	4.6	7.0#
236	35.2	20.8	31.2#



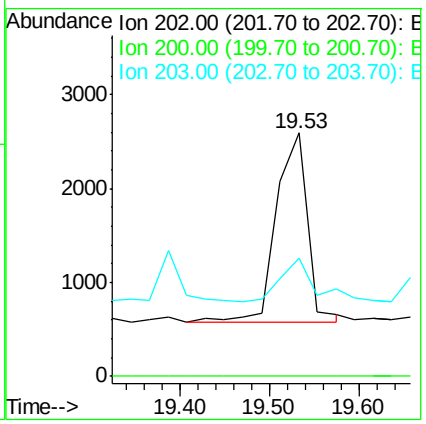


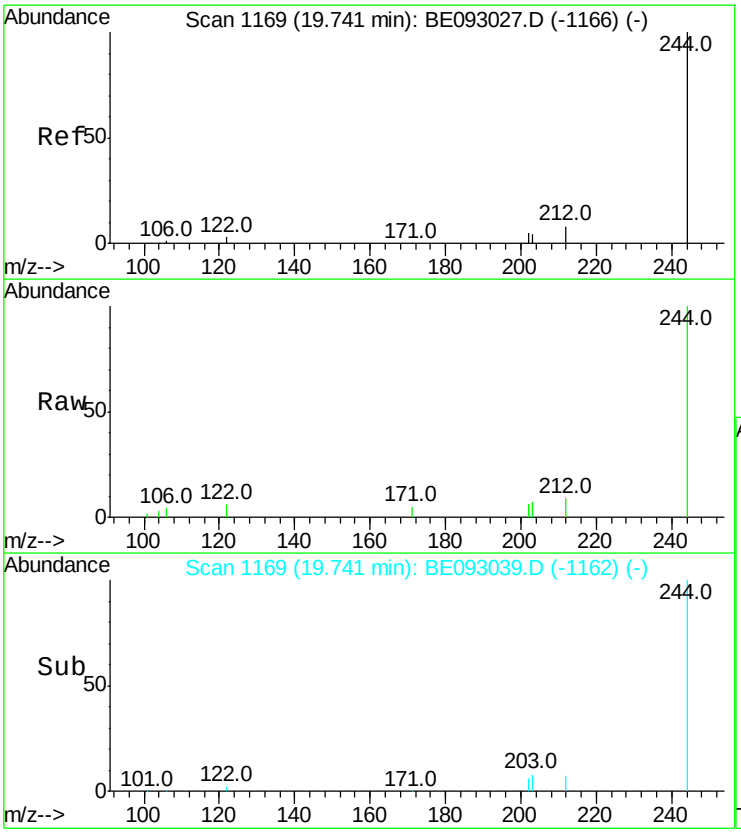
#28
Pyrene
Concen: 0.06 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 5014

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	20.2	13.7	20.5

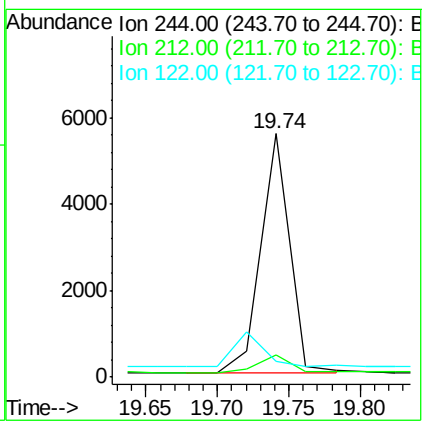


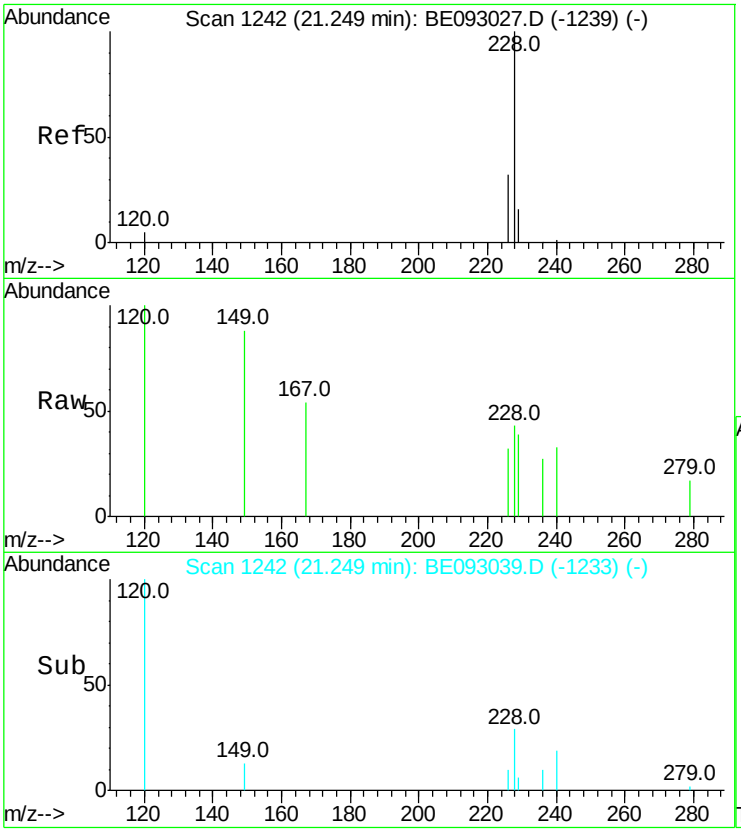


#29
Terphenyl-d14
Concen: 0.60 ng
RT: 19.74 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:244 Resp: 7840

Ion	Ratio	Lower	Upper
244	100		
212	9.2	10.6	16.0#
122	6.4	15.4	23.0#



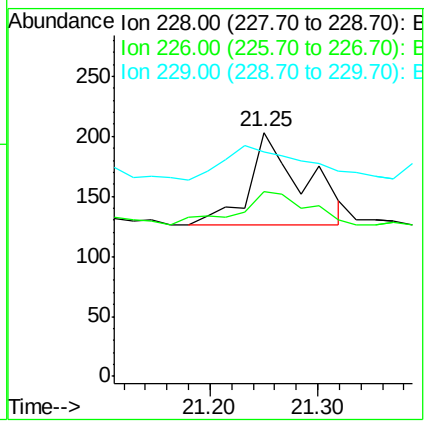


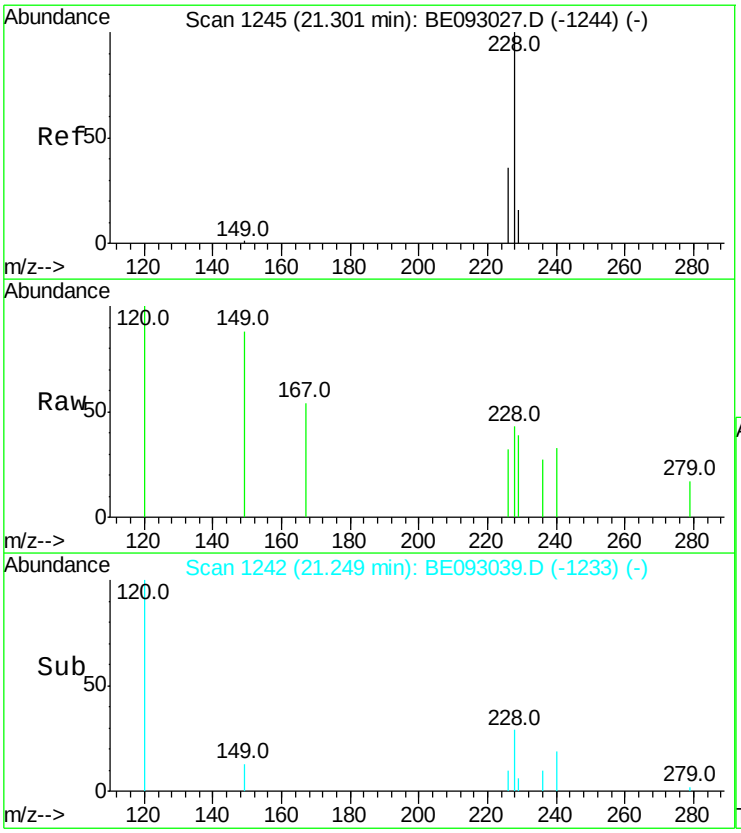
#30
Benzo(a)anthracene
Concen: 0.01 ng
RT: 21.25 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 271

Ion	Ratio	Lower	Upper
228	100		
226	75.9	19.7	29.5#
229	92.1	19.2	28.8#

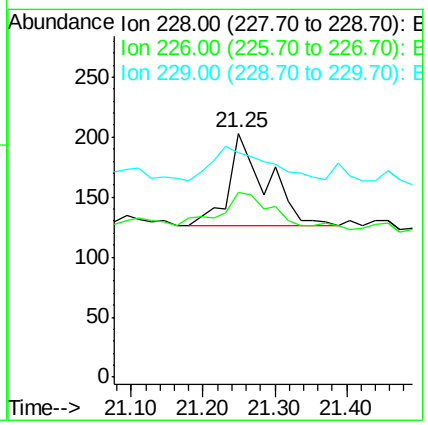


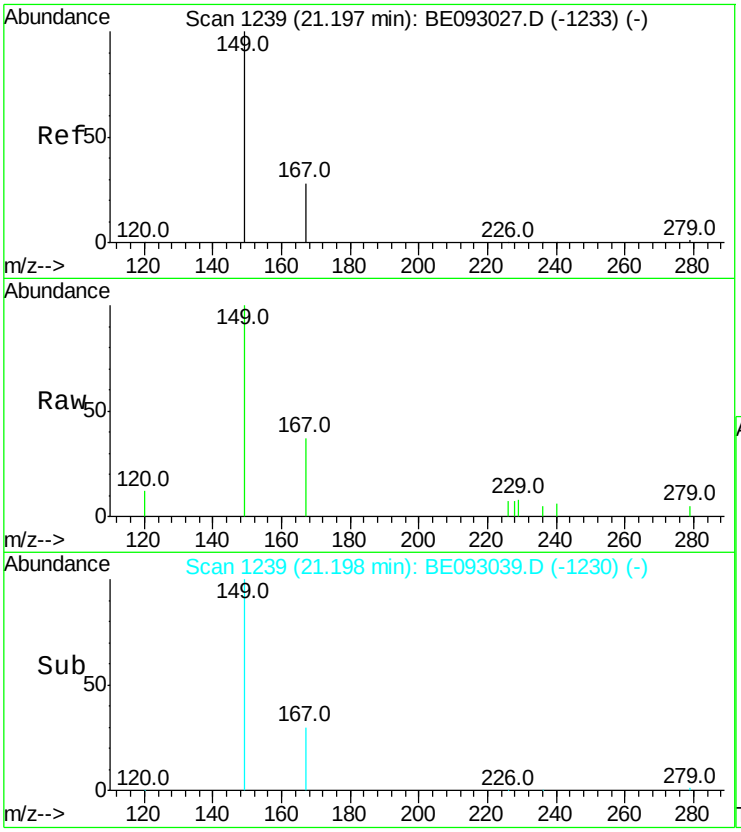


#31
Chrysene
Concen: 0.01 ng
RT: 21.25 min Scan# 1242
Delta R.T. -0.05 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:228 Resp: 283

Ion	Ratio	Lower	Upper
228	100		
226	75.9	21.5	32.3#
229	92.1	18.6	28.0#



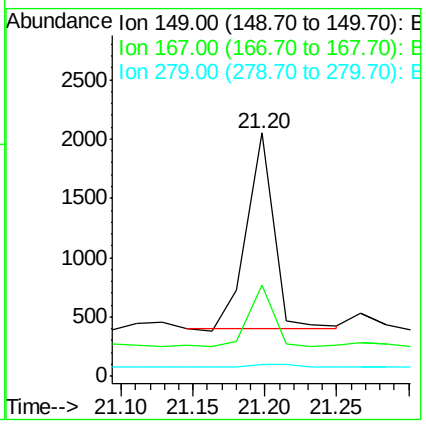


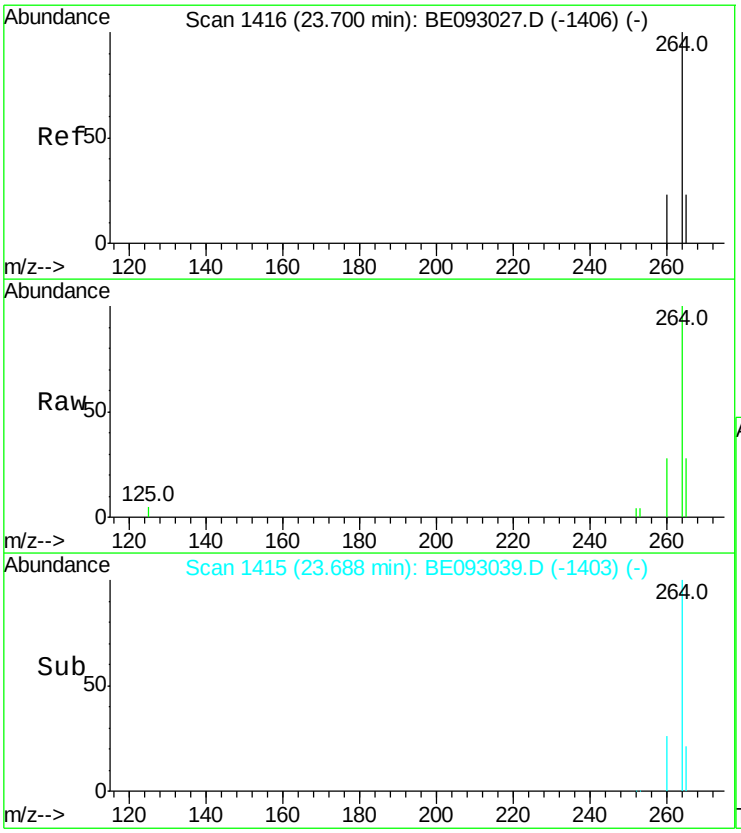
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.20 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 2147

Ion	Ratio	Lower	Upper
149	100		
167	29.3	20.1	30.1
279	3.1	2.2	3.4

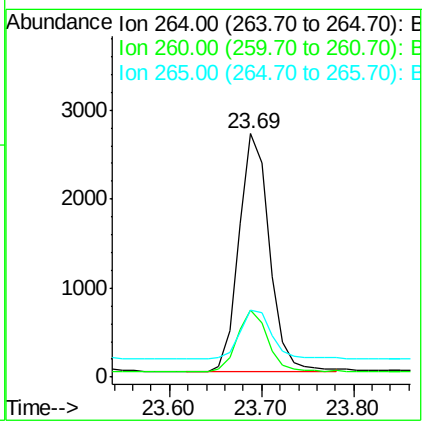


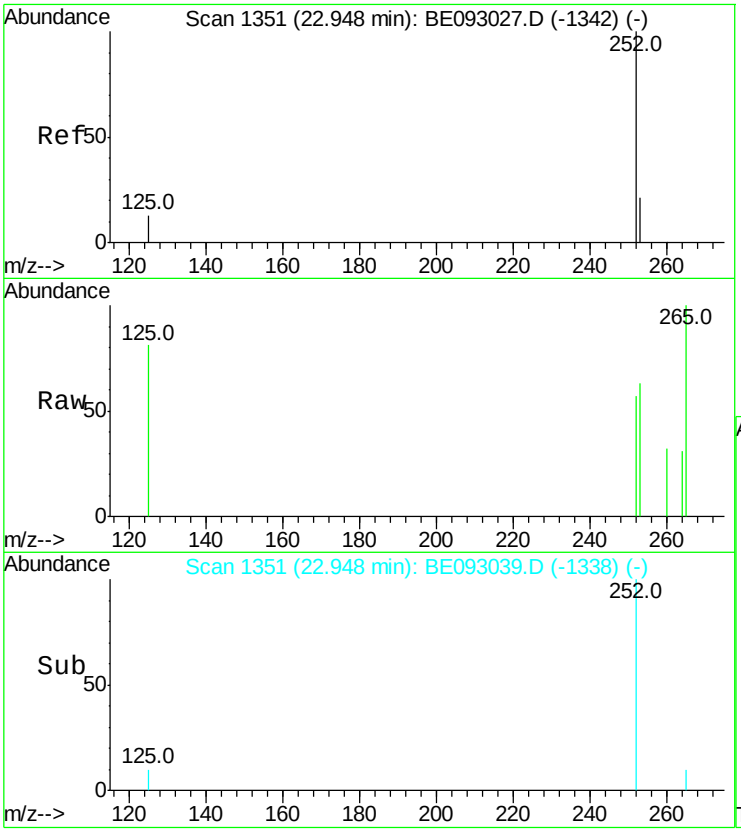


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:264 Resp: 6125

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.0	31.4
265	27.7	24.6	36.8



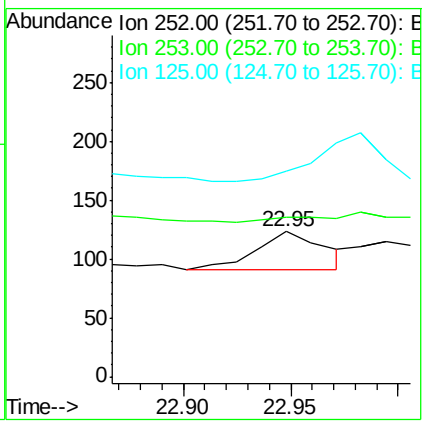


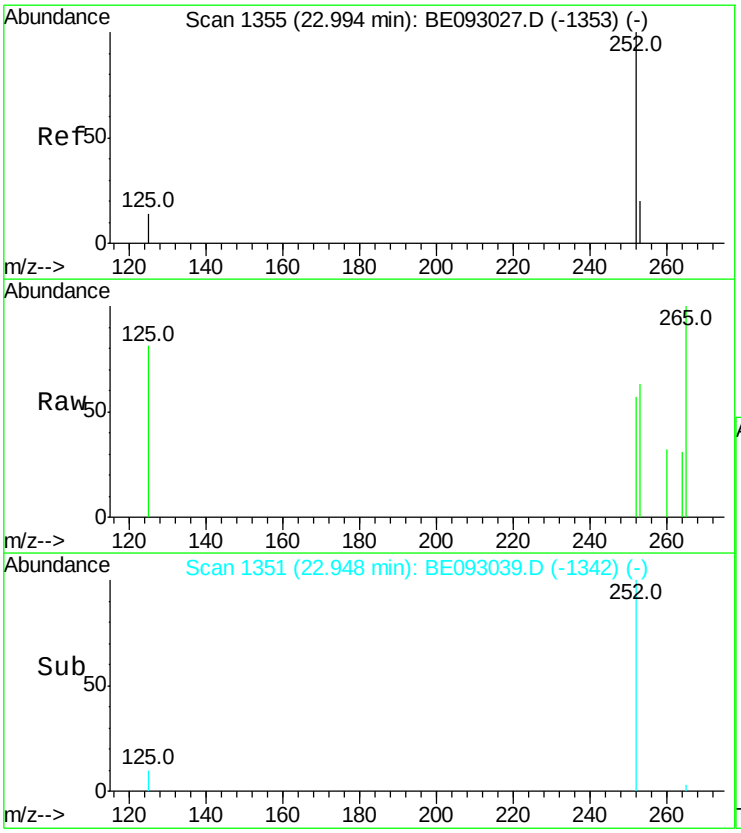
#35
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 22.95 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 70

Ion	Ratio	Lower	Upper
252	100		
253	110.6	18.5	27.7#
125	142.3	13.4	20.0#

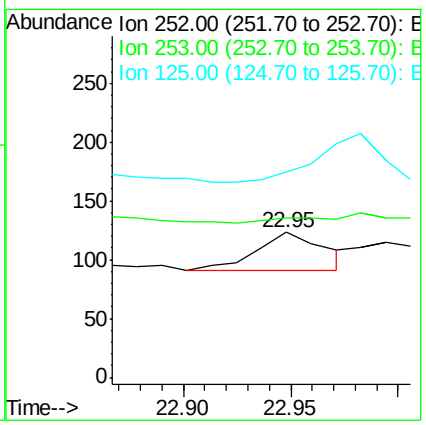


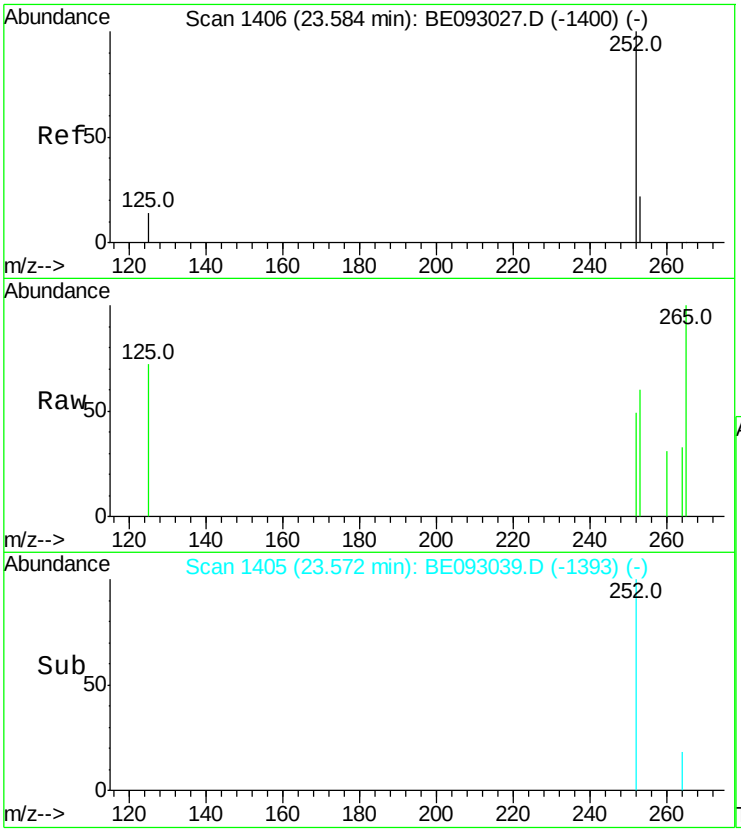


#36
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.95 min Scan# 1351
Delta R.T. -0.05 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:252 Resp: 70

Ion	Ratio	Lower	Upper
252	100		
253	110.6	20.3	30.5#
125	142.3	12.2	18.4#



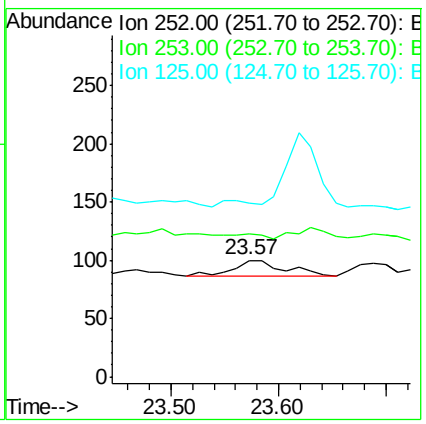


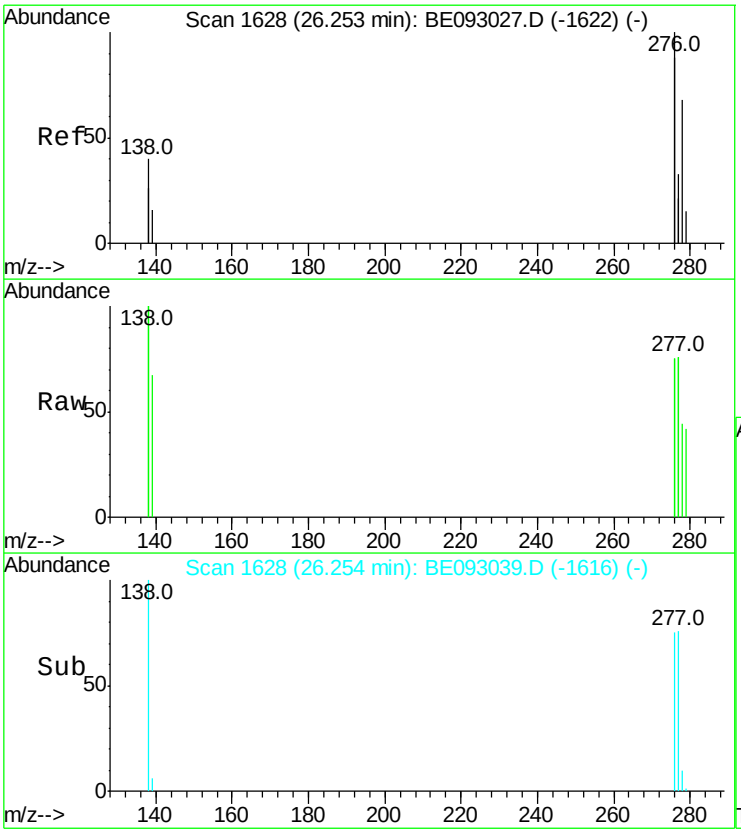
#37
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.57 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 50

Ion	Ratio	Lower	Upper
252	100		
253	123.0	19.9	29.9#
125	149.0	14.6	21.8#

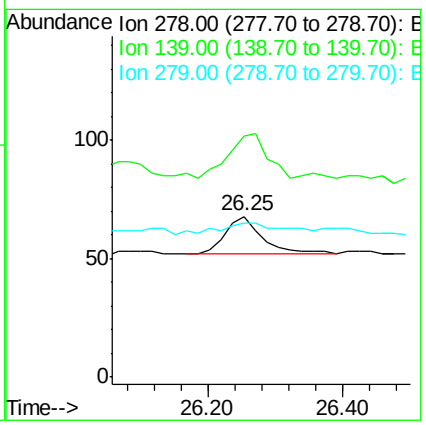


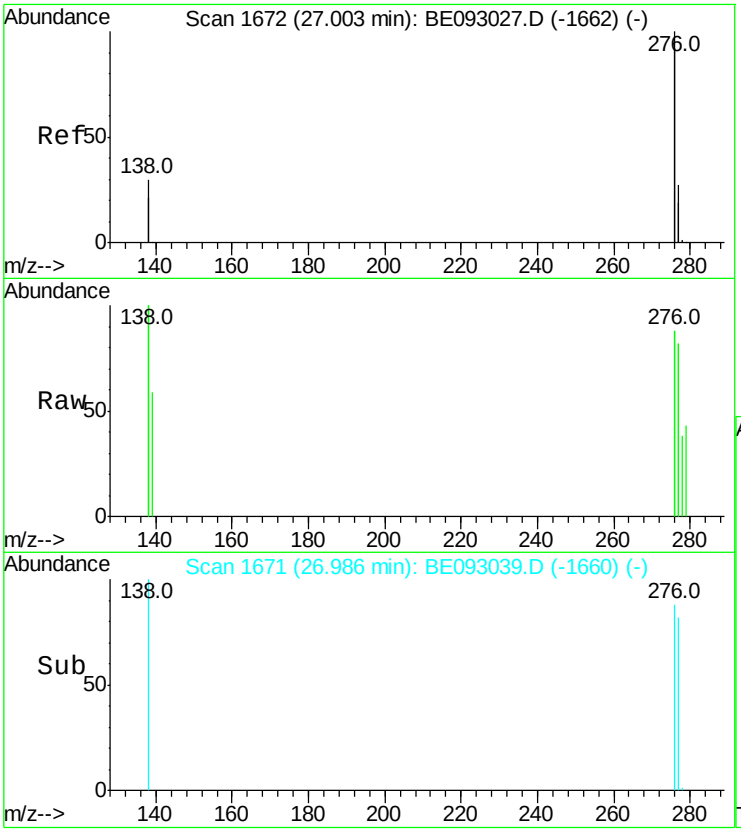


#38
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.25 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:278 Resp: 61

Ion	Ratio	Lower	Upper
278	100		
139	150.0	21.4	32.0#
279	95.6	22.2	33.2#





#39
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.99 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 141

Ion	Ratio	Lower	Upper
276	100		
277	92.6	21.2	31.8#
138	113.2	24.5	36.7#