Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
Data File : BE093481.D
Acq On : 19 Jul 2017 12:50
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 20 12:01:11 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	7190	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	41627	0.40	ng	0.00
13) Acenaphthene-d10	14.55	164	38046	0.40	ng	0.01
19) Phenanthrene-d10	17.27	188	43797	0.40	ng	0.00
27) Chrysene-d12	21.43	240	40061	0.40	ng	0.00
34) Perylene-d12	23.93	264	34131	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	3097	0.14	ng	0.00
5) Phenol-d6	7.10	99	7057	0.22	ng	0.00
8) Nitrobenzene-d5	9.01	82	64429	2.42	ng	-0.07
11) 2-Methylnaphthalene-d10	12.31	152	36784	0.55	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1952	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	64805	0.44	ng	0.00
25) Fluoranthene-d10	19.29	212	175718	0.33	ng	0.00
29) Terphenyl-d14	19.87	244	47251	0.66	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.74	42	170	0.140	ng	# 1
6) bis(2-Chloroethyl)ether	7.33	93	3660	0.152	ng	# 1
9) Naphthalene	10.77	128	1066976	2.447	ng	# 82
12) 2-Methylnaphthalene	12.39	142	63701	0.870	ng	# 42
16) Acenaphthylene	14.27	152	145722	0.920	ng	# 1
17) Acenaphthene	14.61	154	307568	2.650	ng	# 70
18) Fluorene	15.59	166	800562	5.025	ng	# 53
20) 4-Bromophenyl-phenylether	16.49	248	2286	0.095	ng	# 1
23) Phenanthrene	17.30	178	512985	3.222	ng	# 60
24) Anthracene	17.30	178	214706	2.200	ng	# 61
26) Fluoranthene	19.32	202	76923	0.514	ng	# 78
28) Pyrene	19.68	202	158520	1.408	ng	# 29
30) Benzo(a)anthracene	21.40	228	7445	0.069	ng	# 18
31) Chrysene	21.46	228	11750	0.104	ng	# 47
32) Bis(2-ethylhexyl)phthalate	21.33	149	28075	0.180	ng	# 72
35) Benzo(b)fluoranthene	23.16	252	2576	0.023	ng	# 2
36) Benzo(k)fluoranthene	23.16	252	2576	0.024	ng	# 6

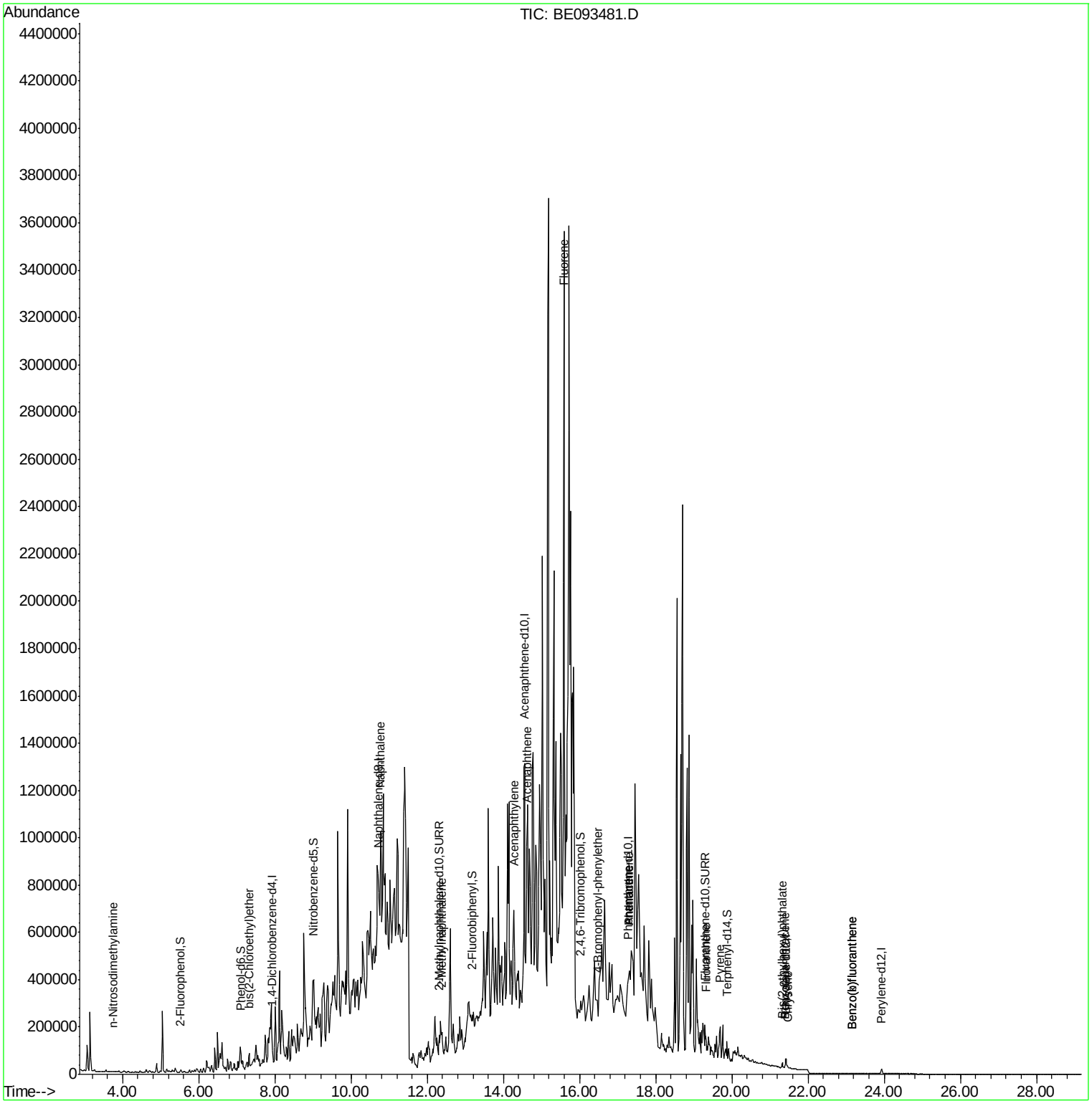
(#) = qualifier out of range (m) = manual integration (+) = signals summed

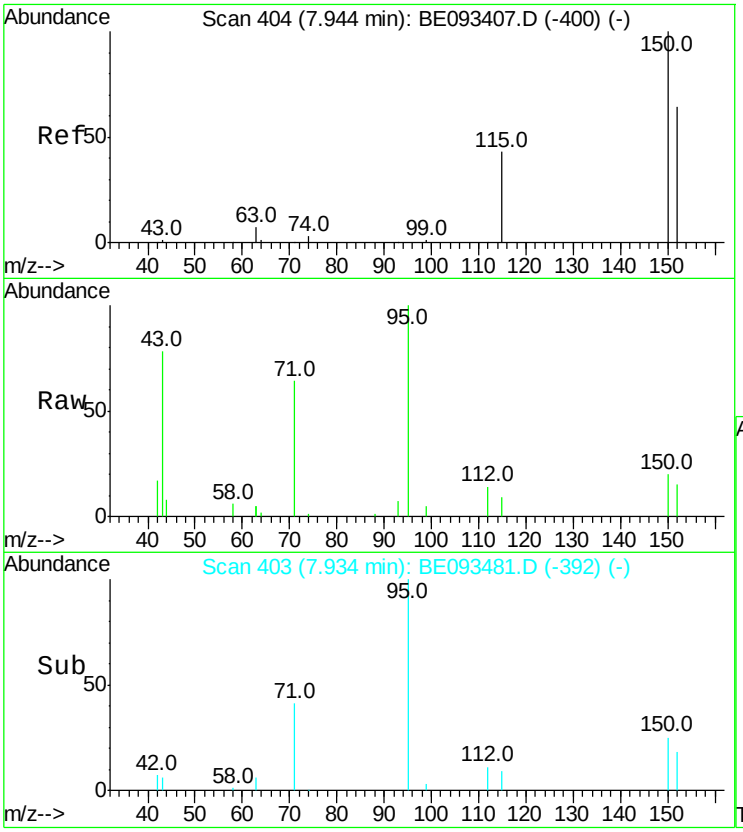
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
Data File : BE093481.D
Acq On : 19 Jul 2017 12:50
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 20 12:01:11 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration



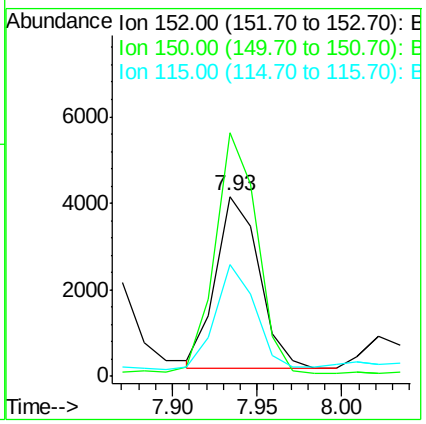


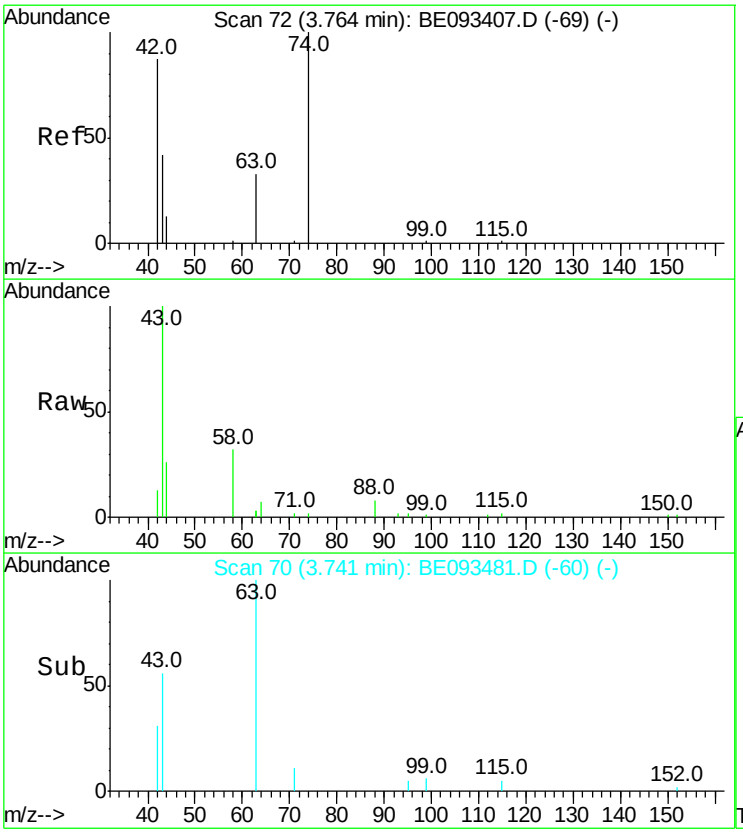
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.01 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7190

Ion	Ratio	Lower	Upper
152	100		
150	135.5	125.1	187.7
115	62.5	55.7	83.5

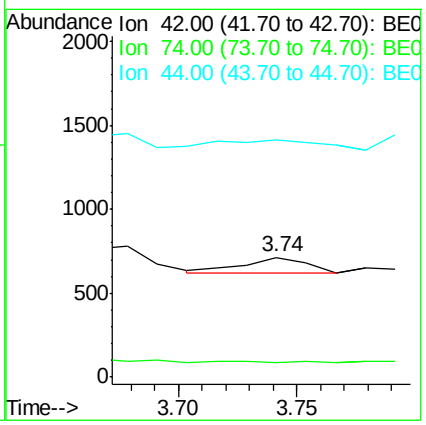


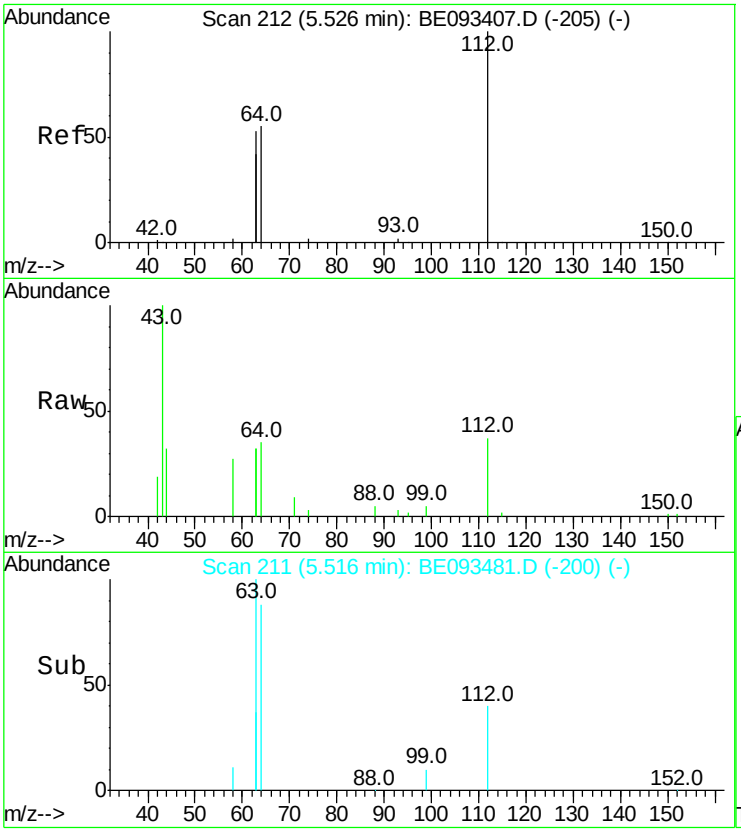


#3
n-Nitrosodimethylamine
Concen: 0.140 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion: 42 Resp: 170

Ion	Ratio	Lower	Upper
42	100		
74	0.0	99.1	148.7#
44	97.1	7.4	11.2#



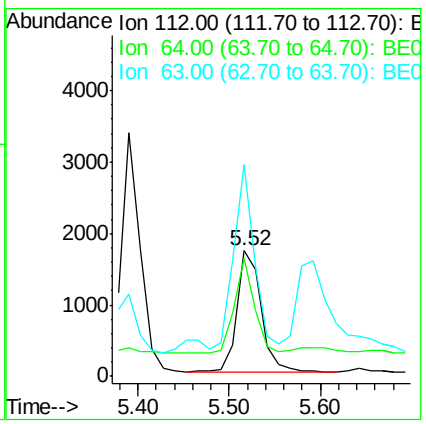


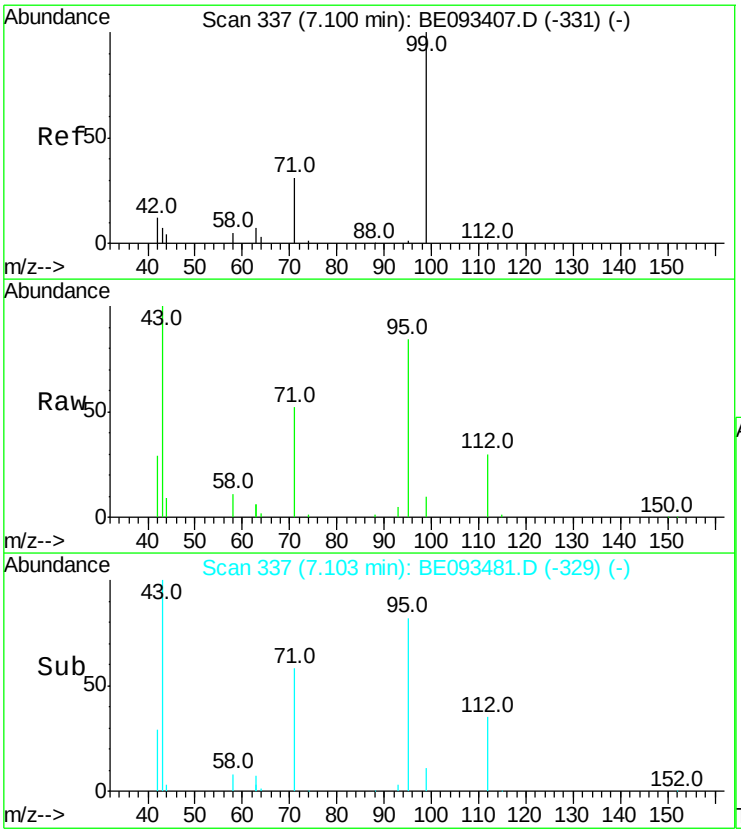
#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.52 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 3097

Ion	Ratio	Lower	Upper
112	100		
64	63.3	56.4	84.6
63	147.9	29.3	43.9#

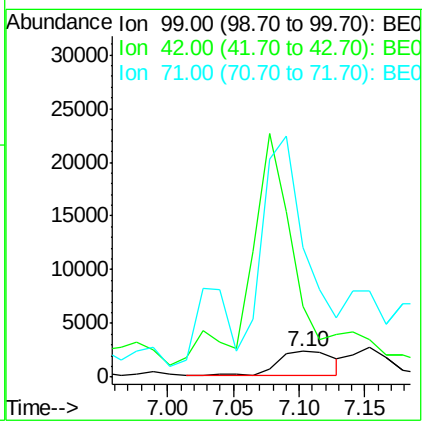


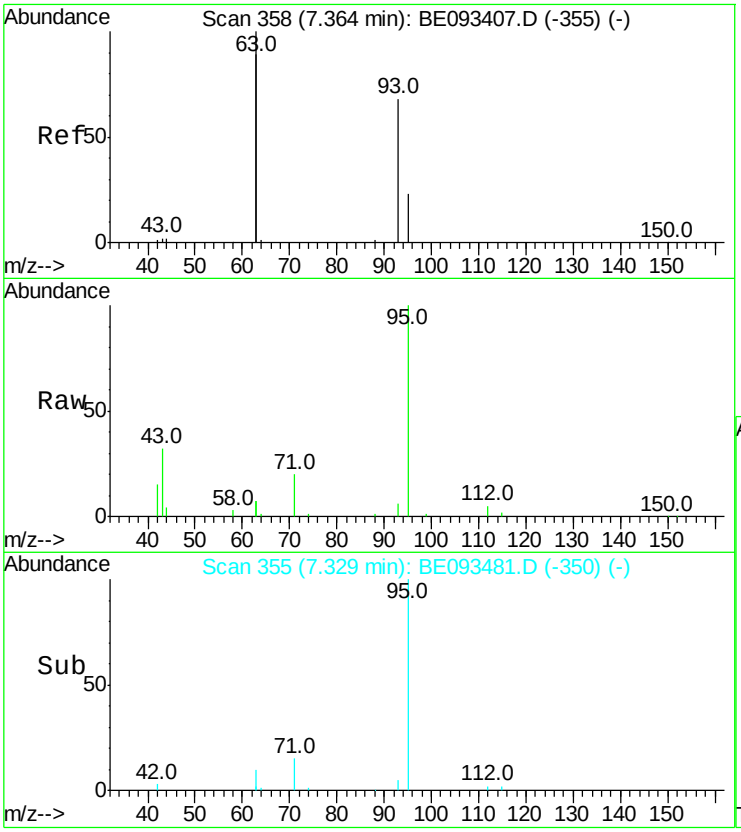


#5
Phenol-d6
Concen: 0.221 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion: 99 Resp: 7057

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	638.9	0.0	0.0#



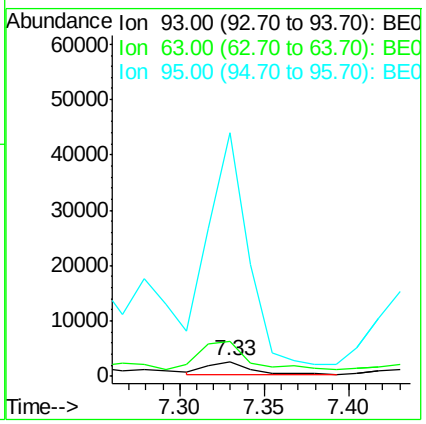


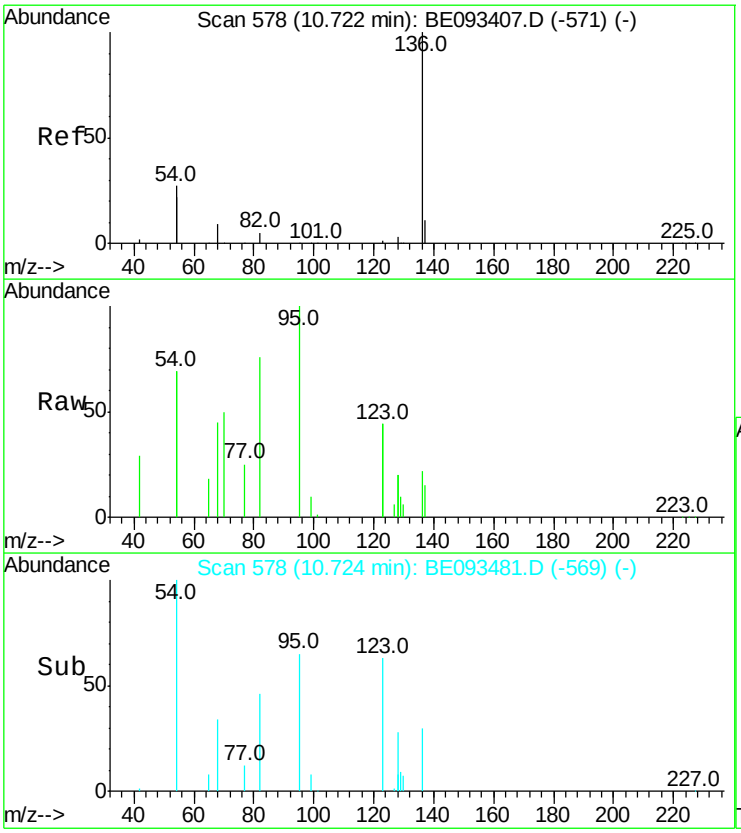
#6
bis(2-Chloroethyl)ether
Concen: 0.152 ng
RT: 7.33 min Scan# 355
Delta R.T. -0.04 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 3660

Ion	Ratio	Lower	Upper
93	100		
63	269.1	0.0	0.0#
95	1802.0	25.4	38.0#

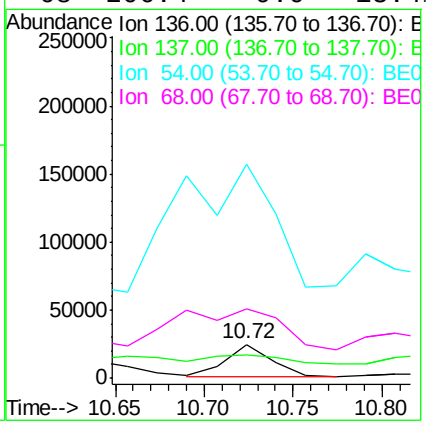


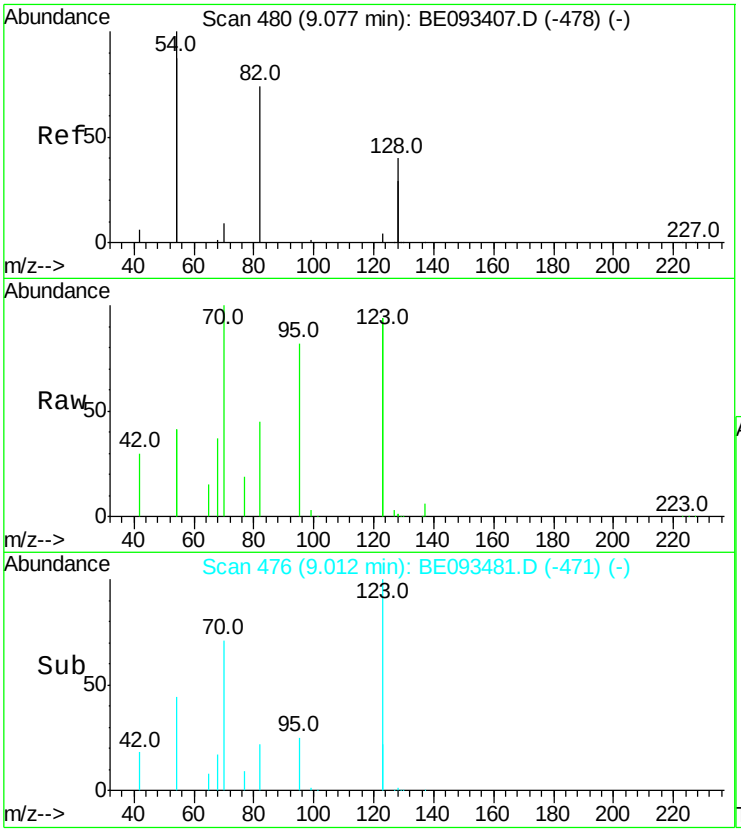


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:136 Resp: 41627

Ion	Ratio	Lower	Upper
136	100		
137	69.6	9.8	14.8#
54	638.6	10.3	15.5#
68	206.4	9.0	13.4#



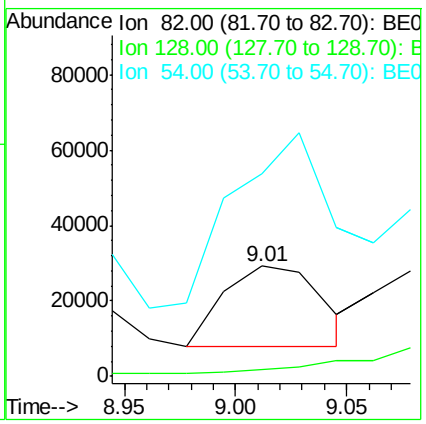


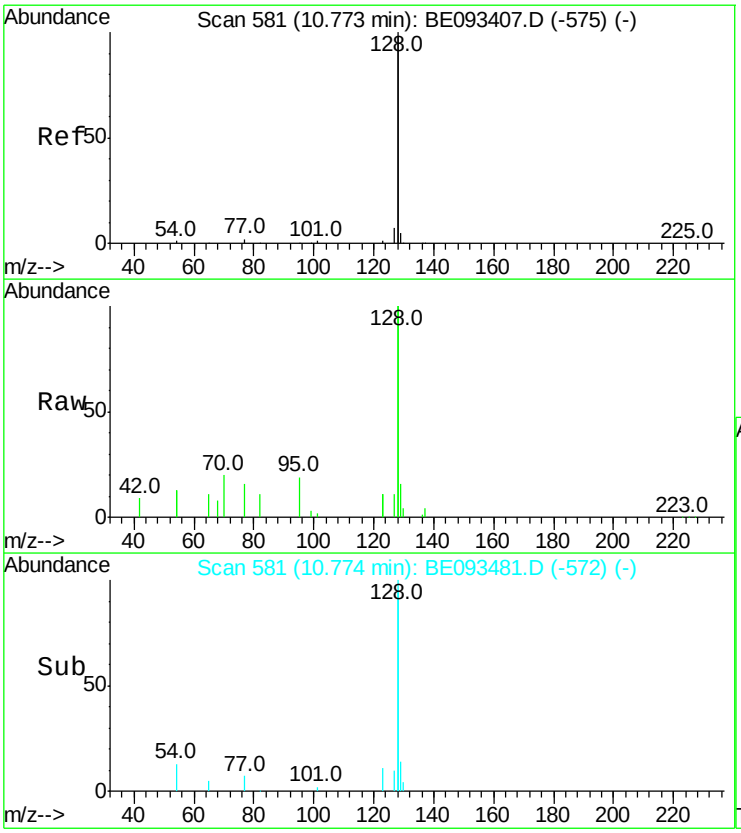
#8
Nitrobenzene-d5
Concen: 2.423 ng
RT: 9.01 min Scan# 476
Delta R.T. -0.07 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 64429

Ion	Ratio	Lower	Upper
82	100		
128	6.1	17.0	25.4#
54	183.4	53.8	80.6#

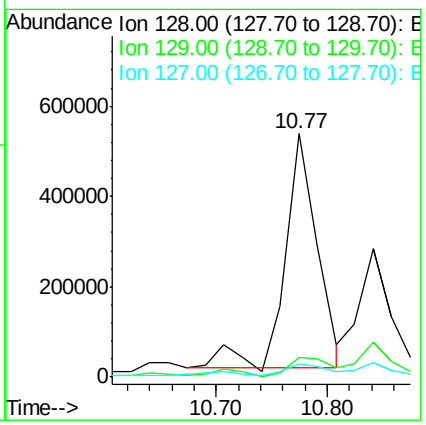


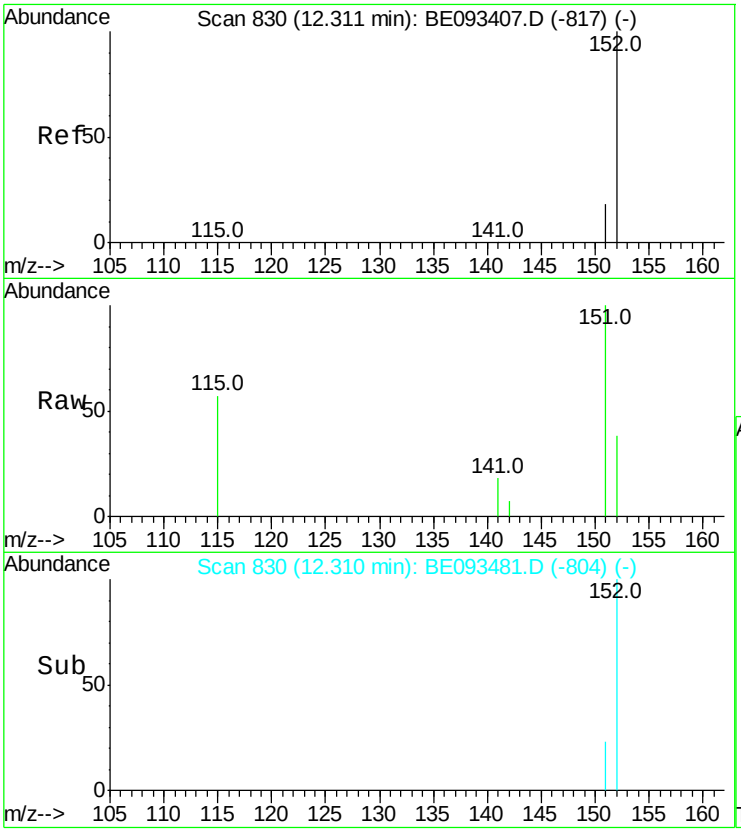


#9
Naphthalene
Concen: 2.447 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:128 Resp: 1066976

Ion	Ratio	Lower	Upper
128	100		
129	7.8	11.4	17.0#
127	5.4	11.2	16.8#



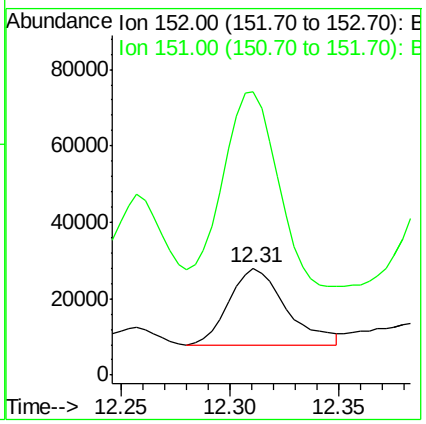


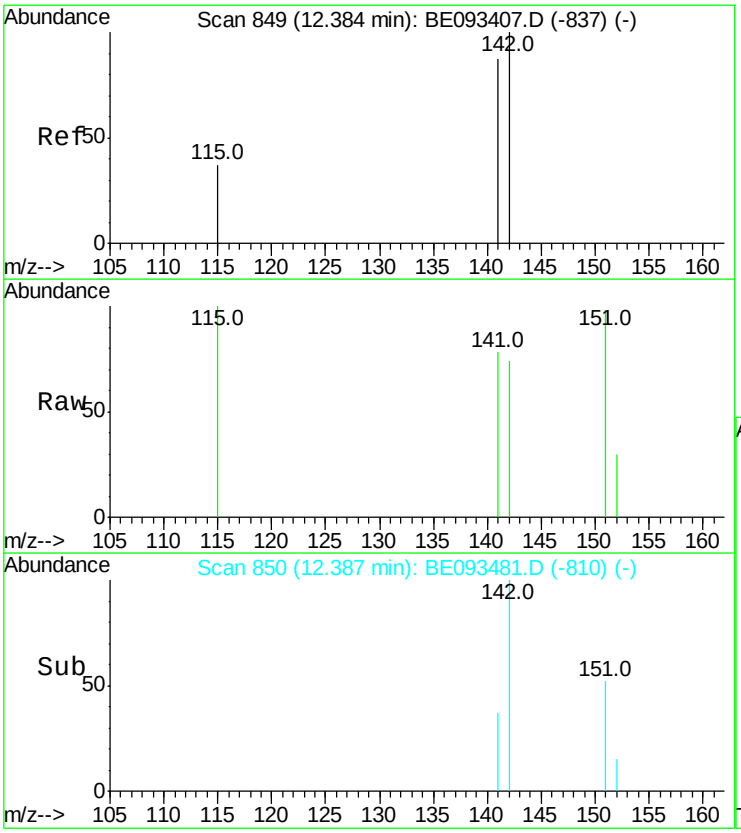
#11
2-Methylnaphthalene-d10
Concen: 0.554 ng
RT: 12.31 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 36784

Ion	Ratio	Lower	Upper
152	100		
151	241.1	15.1	22.7#

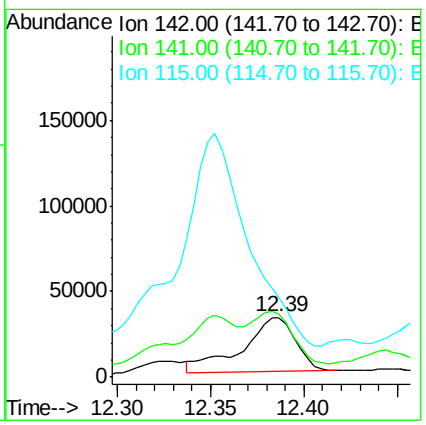


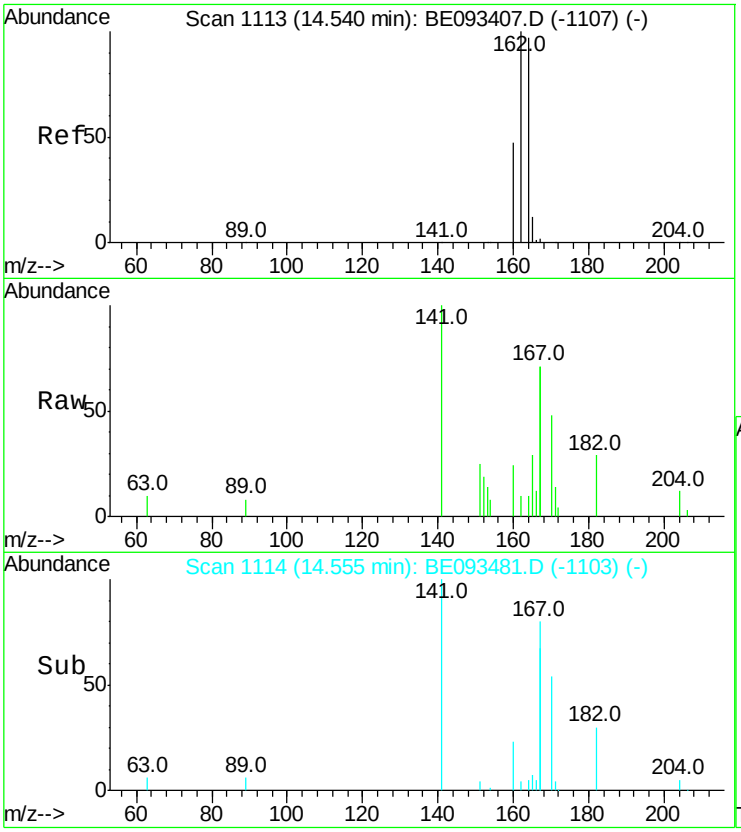


#12
2-Methylnaphthalene
Concen: 0.870 ng
RT: 12.39 min Scan# 850
Delta R.T. 0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:142 Resp: 63701

Ion	Ratio	Lower	Upper
142	100		
141	106.0	72.6	108.8
115	135.2	32.2	48.2#



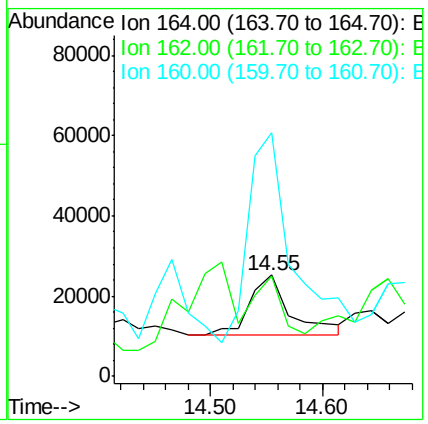


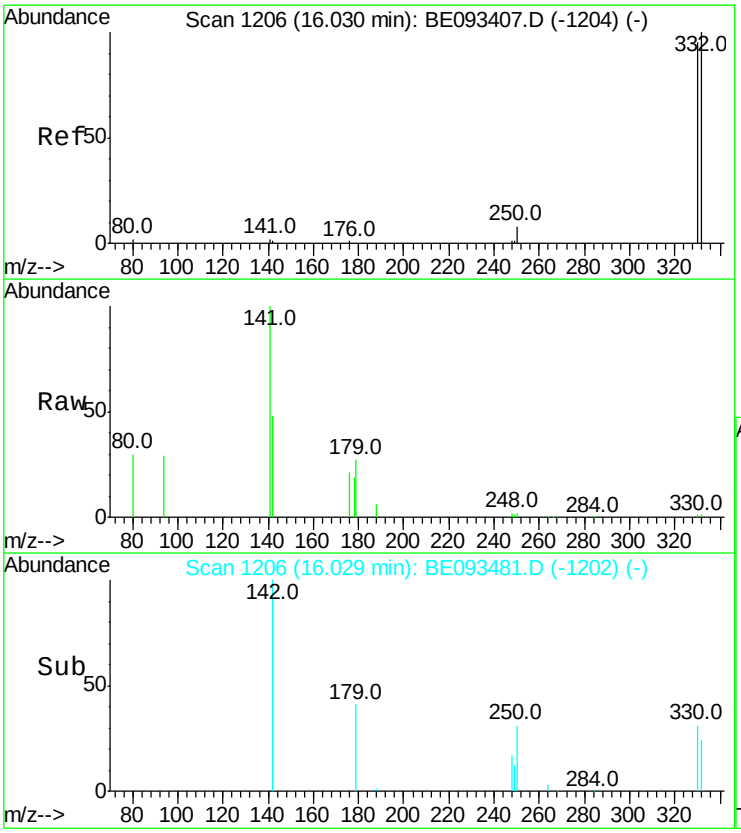
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.55 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 38046

Ion	Ratio	Lower	Upper
164	100		
162	98.6	84.6	127.0
160	240.5	41.8	62.6#

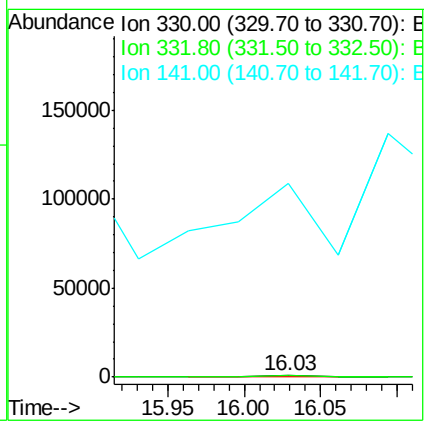


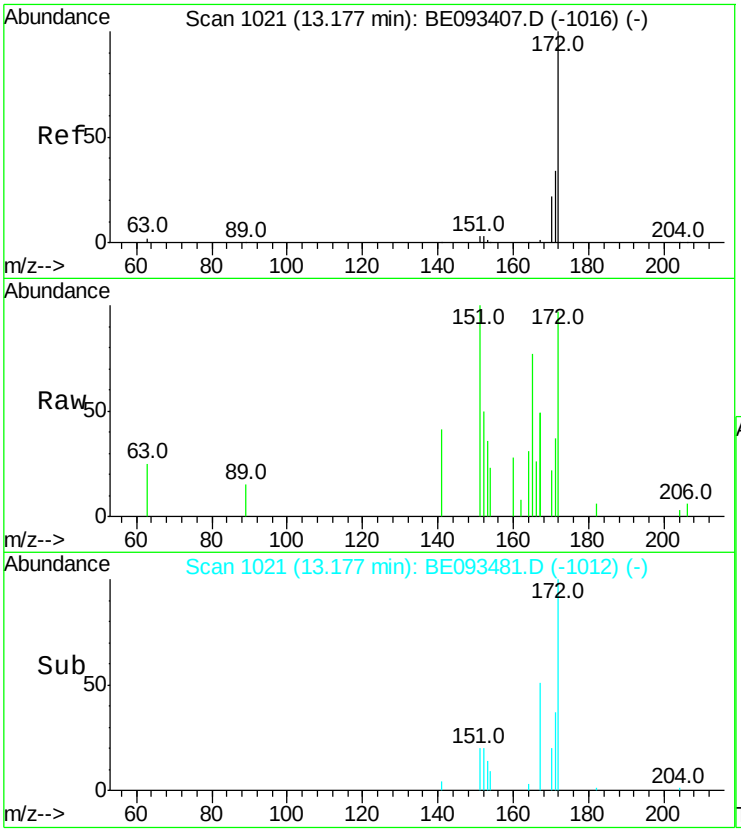


#14
2,4,6-Tribromophenol
Concen: 0.163 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:330 Resp: 1952

Ion	Ratio	Lower	Upper
330	100		
332	83.8	77.7	116.5
141	0.0	56.2	84.4#



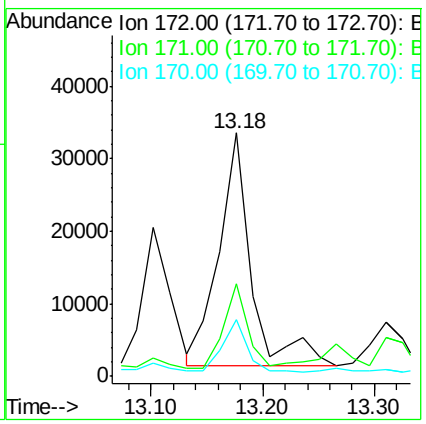


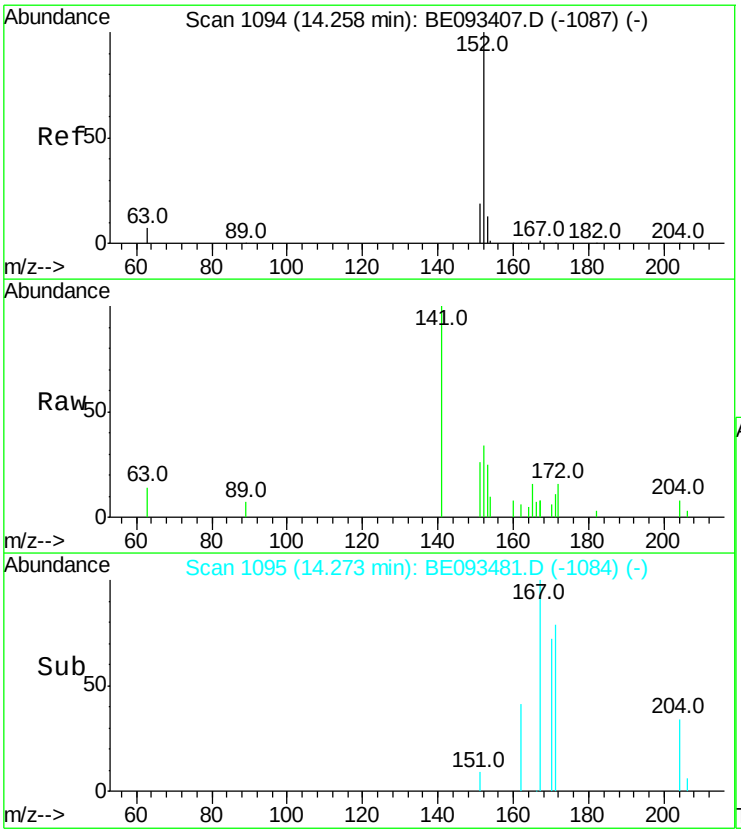
#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 64805

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	23.1	20.7	31.1

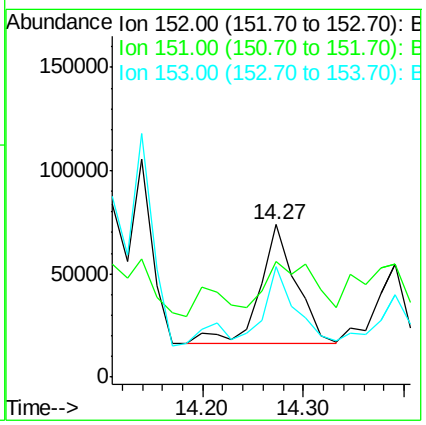


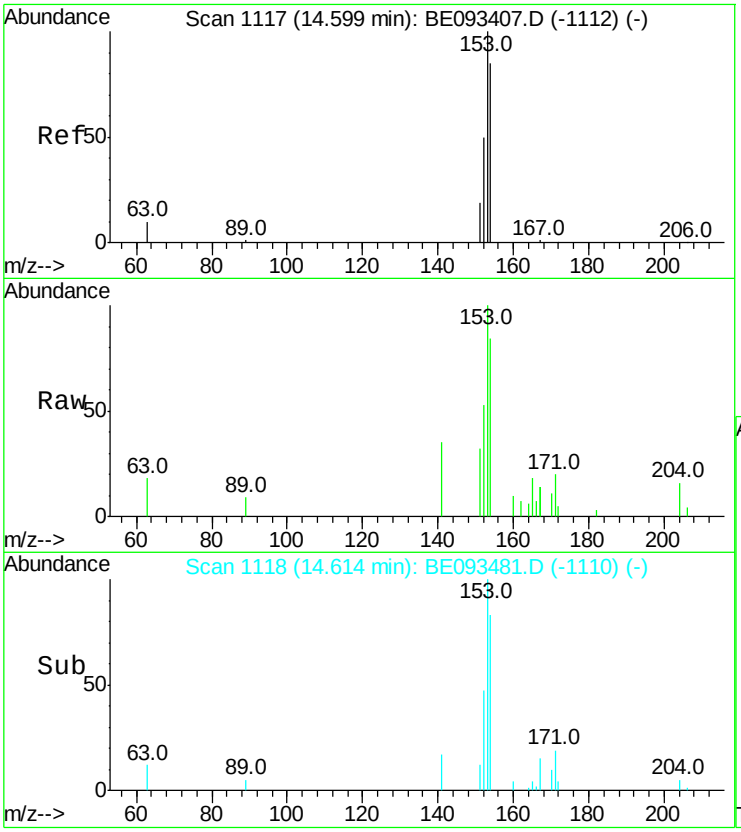


#16
Acenaphthylene
Concen: 0.920 ng
RT: 14.27 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:152 Resp: 145722

Ion	Ratio	Lower	Upper
152	100		
151	51.4	4.0	6.0#
153	50.8	10.3	15.5#



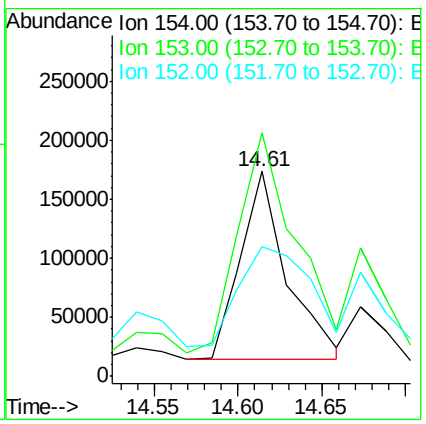


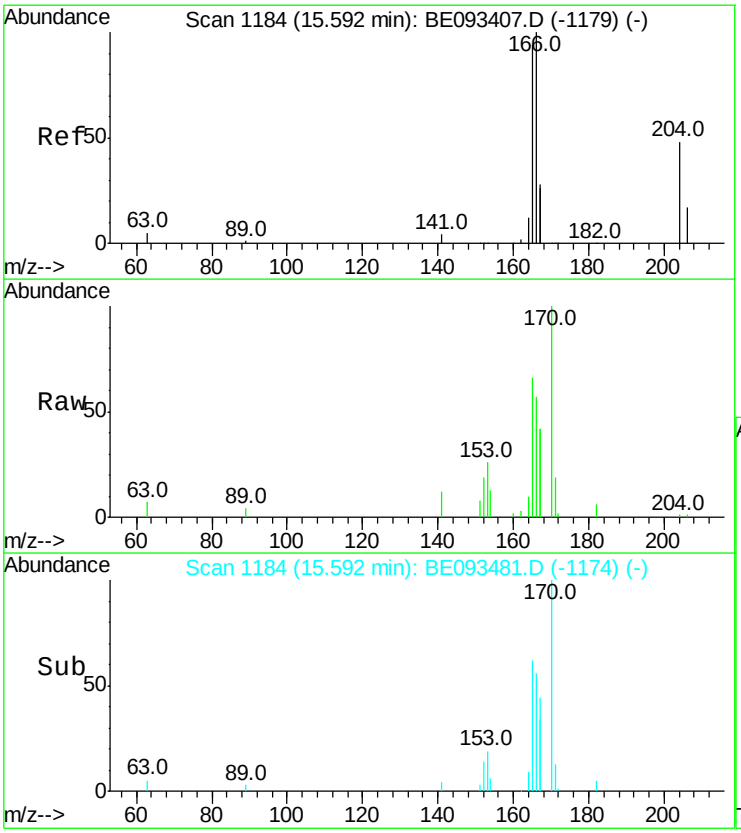
#17
Acenaphthene
Concen: 2.650 ng
RT: 14.61 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 307568

Ion	Ratio	Lower	Upper
154	100		
153	143.7	91.2	136.8#
152	80.8	44.8	67.2#

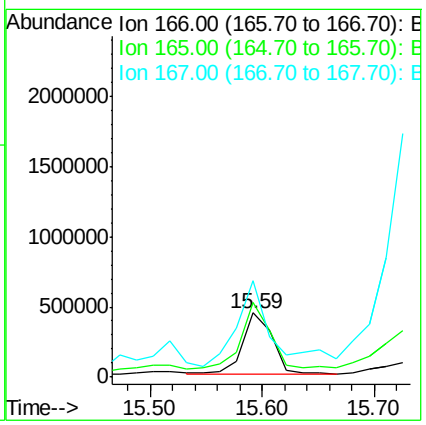


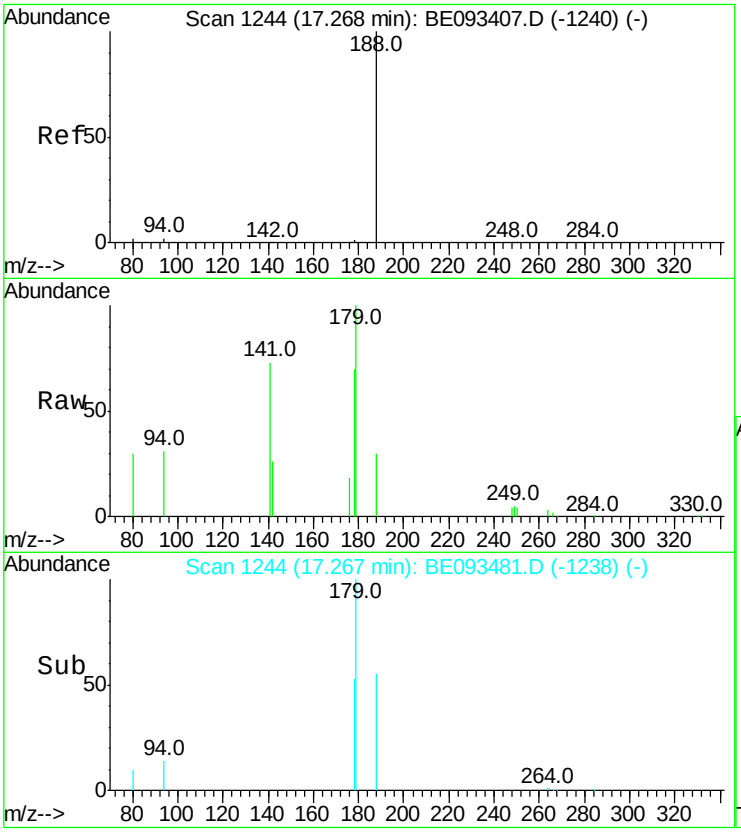


#18
Fluorene
Concen: 5.025 ng
RT: 15.59 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:166 Resp: 800562

Ion	Ratio	Lower	Upper
166	100		
165	103.4	78.6	117.8
167	153.0	11.1	16.7#



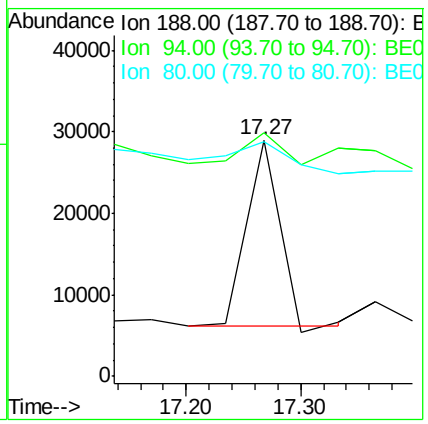


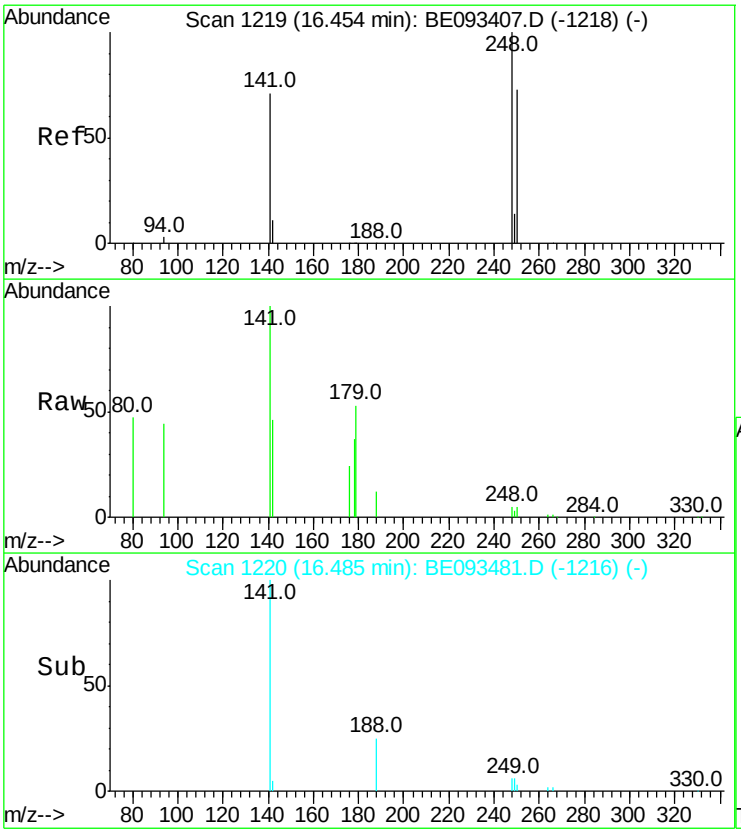
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 43797

Ion	Ratio	Lower	Upper
188	100		
94	103.0	11.3	16.9#
80	99.3	11.7	17.5#

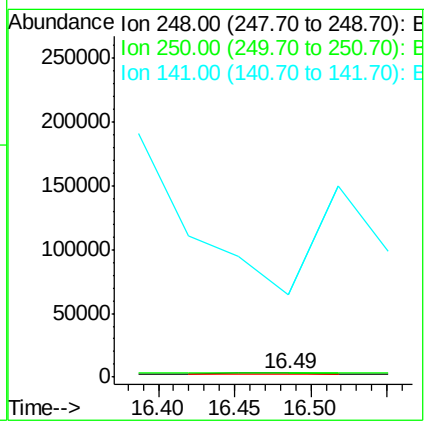


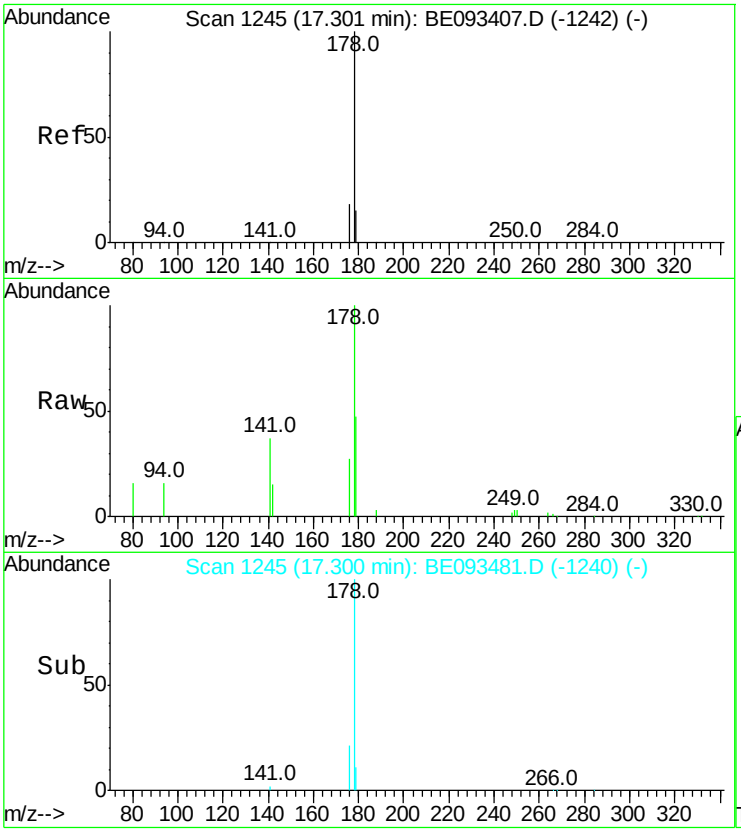


#20
4-Bromophenyl-phenylether
Concen: 0.095 ng
RT: 16.49 min Scan# 1220
Delta R.T. 0.03 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:248 Resp: 2286

Ion	Ratio	Lower	Upper
248	100		
250	109.6	40.8	61.2#
141	2182.0	161.6	242.4#



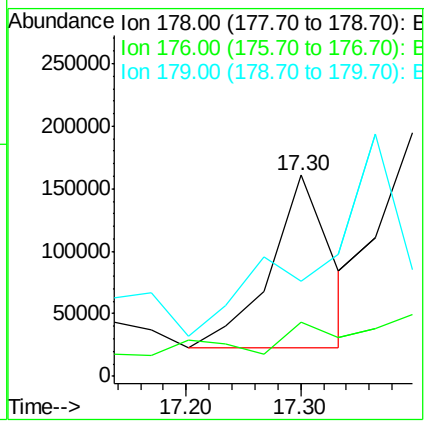


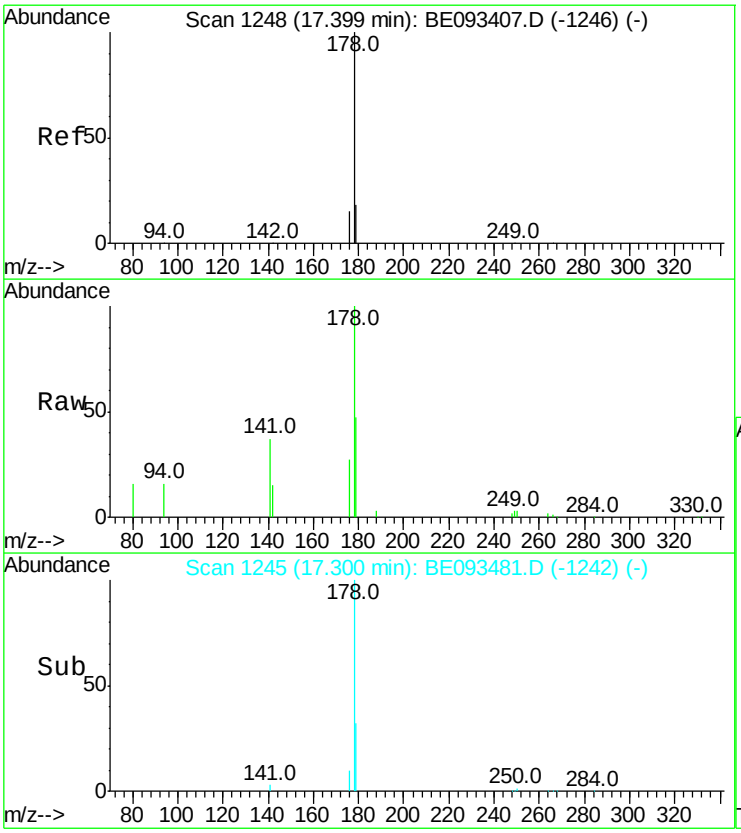
#23
Phenanthrene
Concen: 3.222 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 512985

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

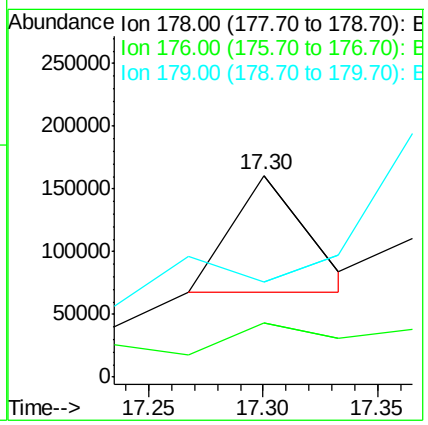


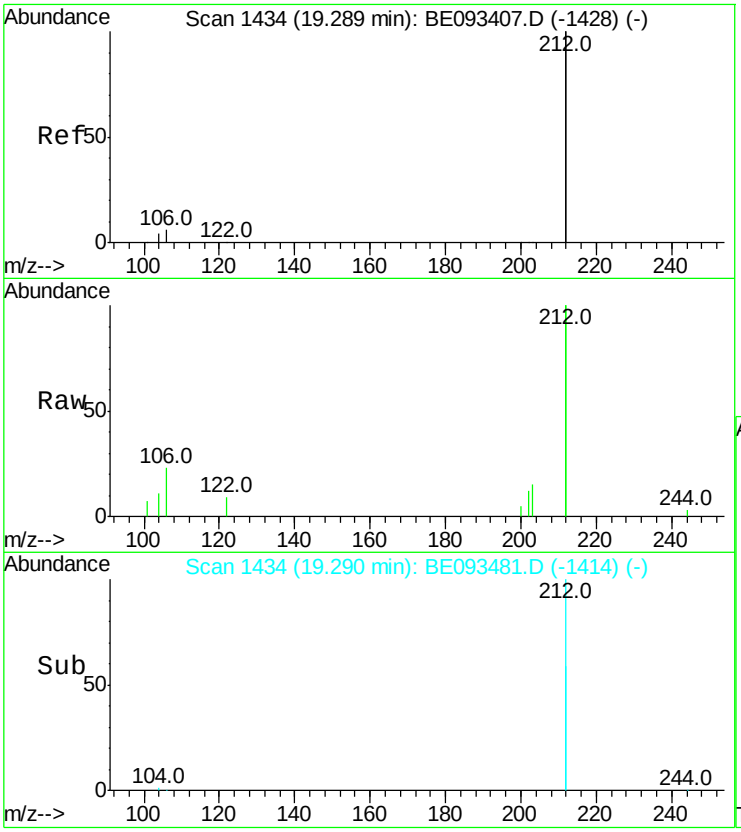


#24
Anthracene
Concen: 2.200 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:178 Resp: 214706

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



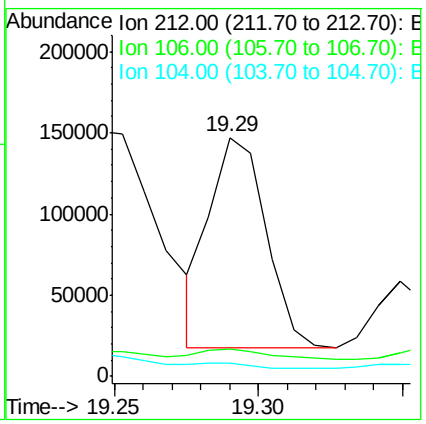


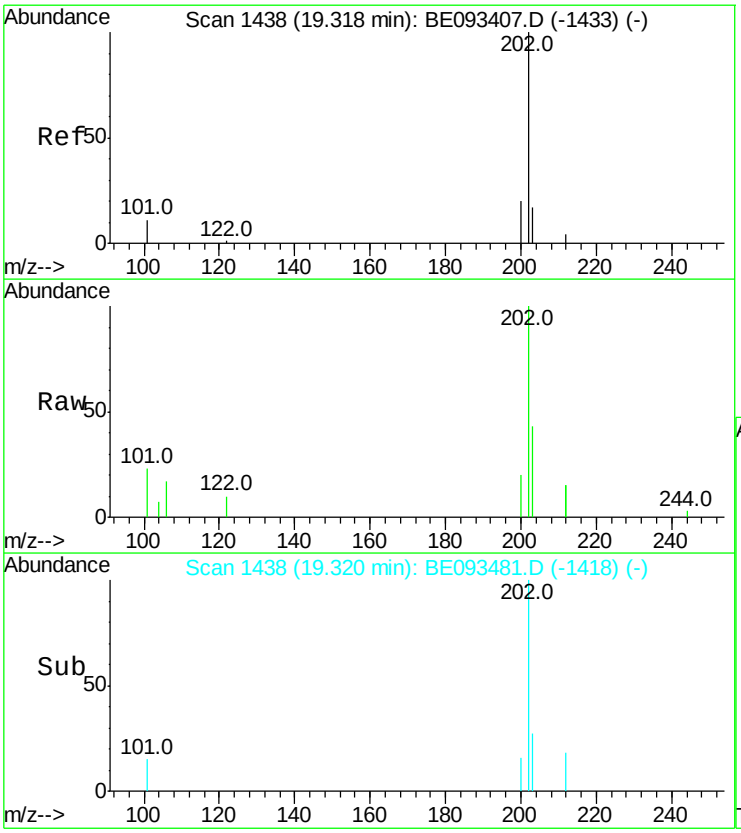
#25
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 175718

Ion	Ratio	Lower	Upper
212	100		
106	6.3	2.4	3.6#
104	0.0	1.6	2.4#

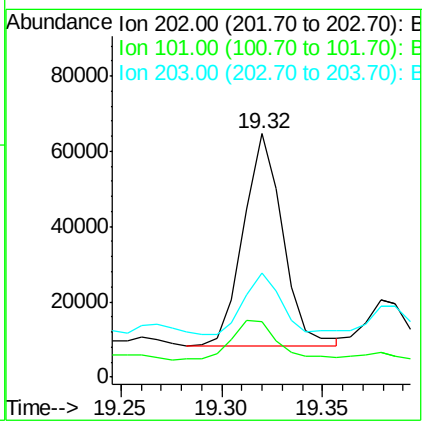


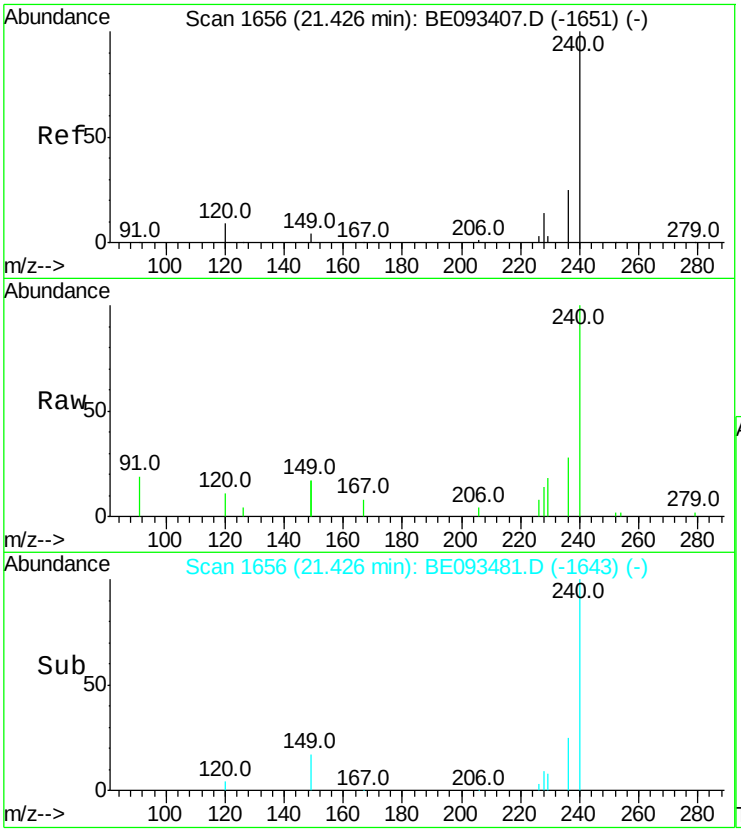


#26
Fluoranthene
Concen: 0.514 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:202 Resp: 76923

Ion	Ratio	Lower	Upper
202	100		
101	21.2	9.6	14.4#
203	27.3	14.4	21.6#



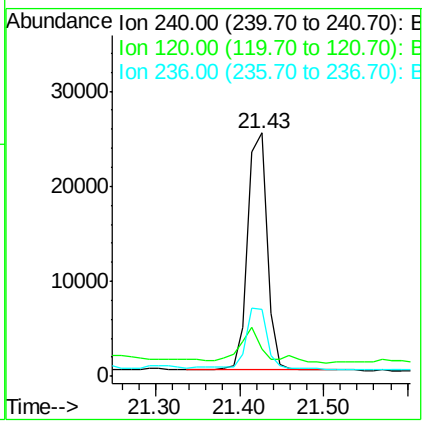


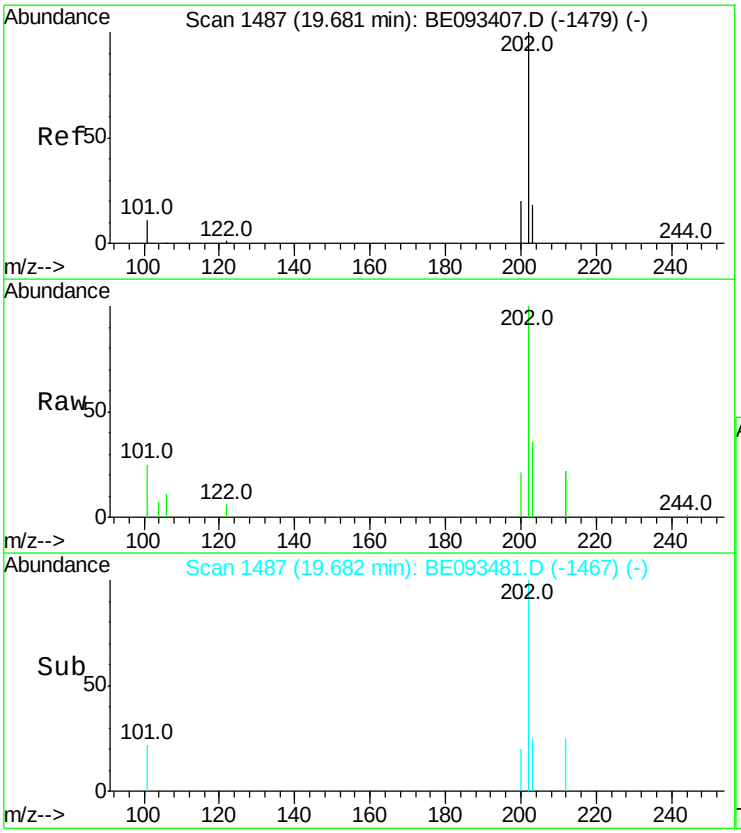
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 40061

Ion	Ratio	Lower	Upper
240	100		
120	11.2	4.6	7.0#
236	27.6	20.8	31.2

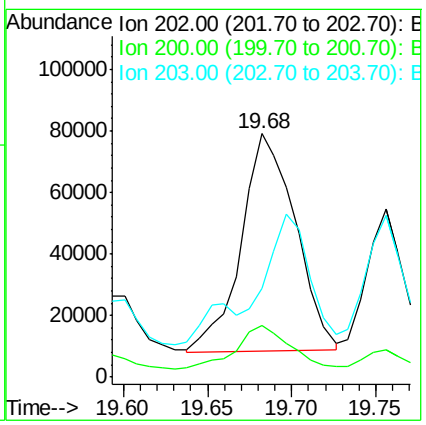


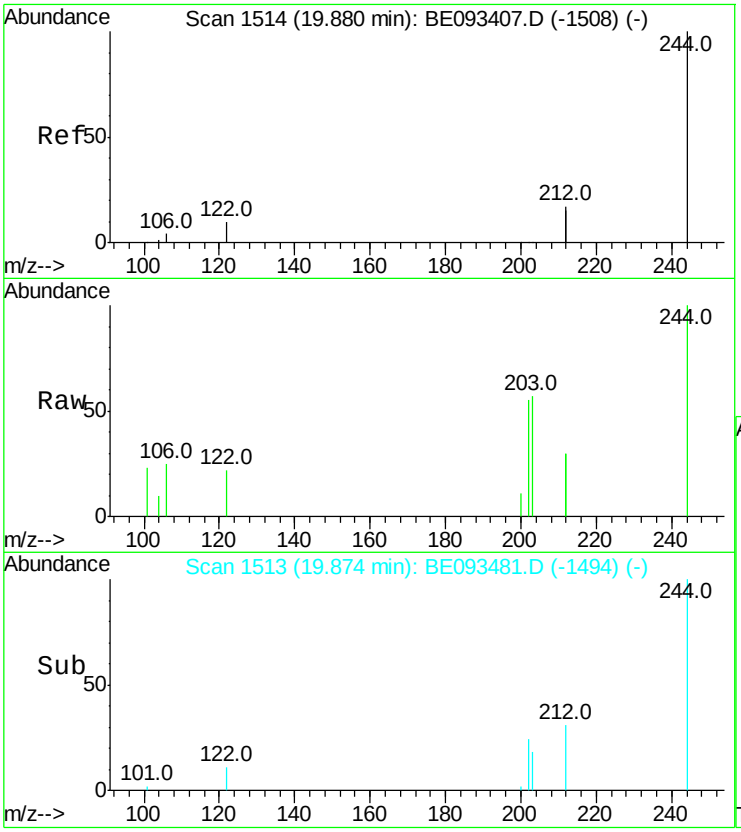


#28
Pyrene
Concen: 1.408 ng
RT: 19.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:202 Resp: 158520

Ion	Ratio	Lower	Upper
202	100		
200	19.5	0.0	0.0#
203	48.1	13.7	20.5#



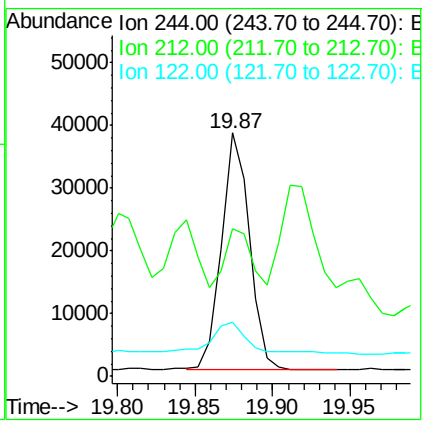


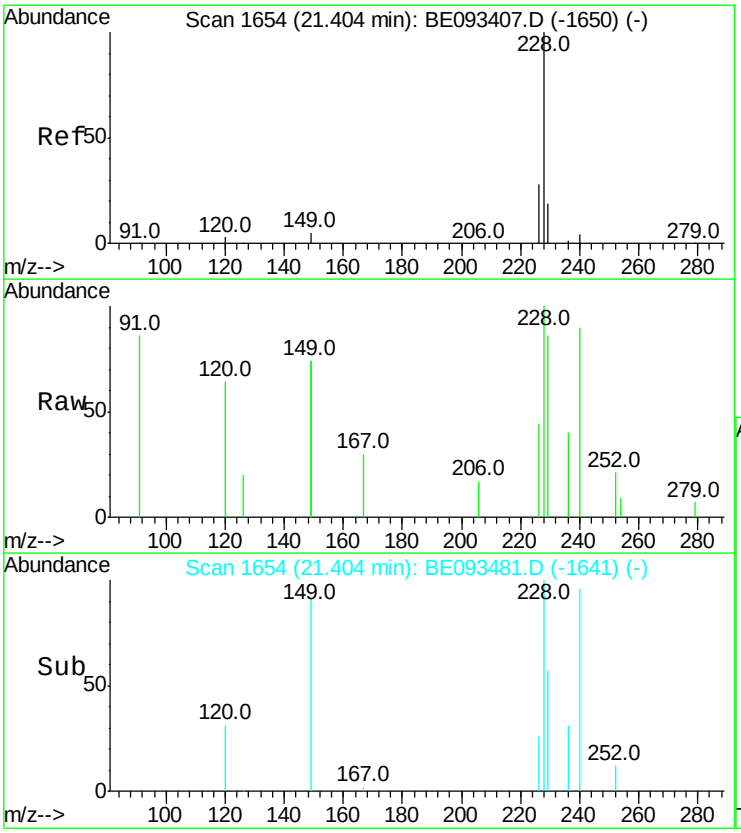
#29
Terphenyl-d14
Concen: 0.661 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 47251

Ion	Ratio	Lower	Upper
244	100		
212	60.6	10.6	16.0#
122	22.4	15.4	23.0

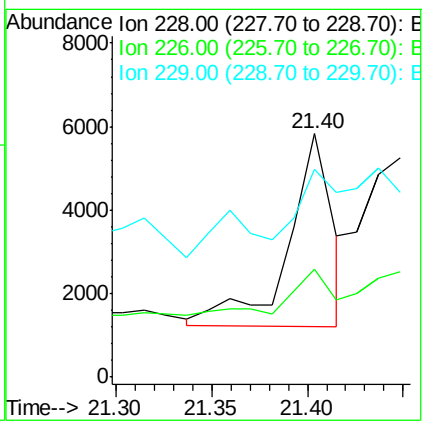


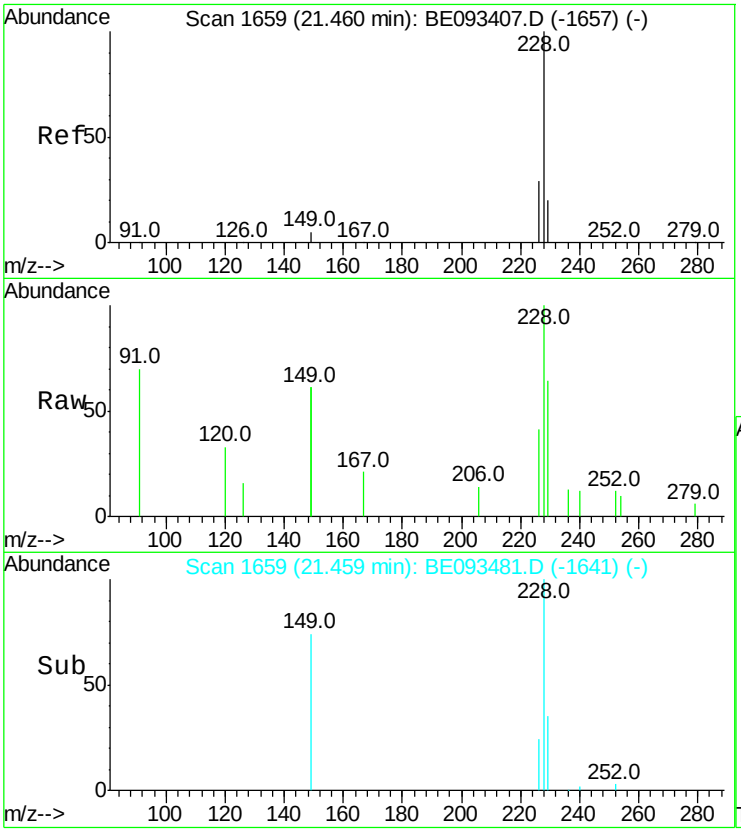


#30
Benzo(a)anthracene
Concen: 0.069 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:228 Resp: 7445

Ion	Ratio	Lower	Upper
228	100		
226	44.2	19.7	29.5#
229	85.6	19.2	28.8#



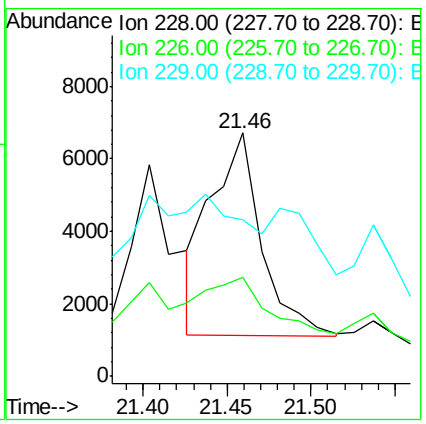


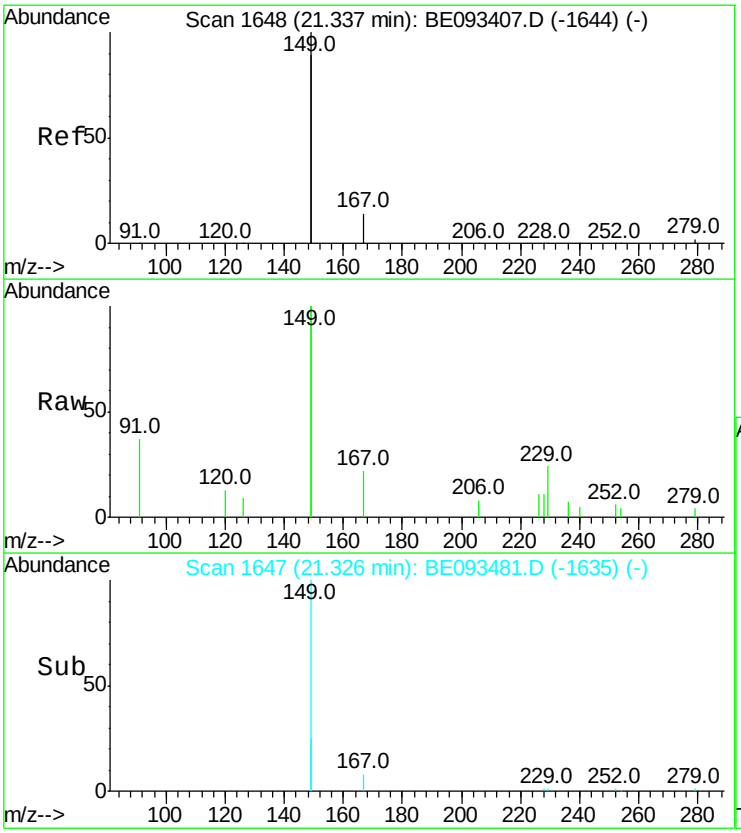
#31
Chrysene
Concen: 0.104 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 11750

Ion	Ratio	Lower	Upper
228	100		
226	40.7	21.5	32.3#
229	64.1	18.6	28.0#

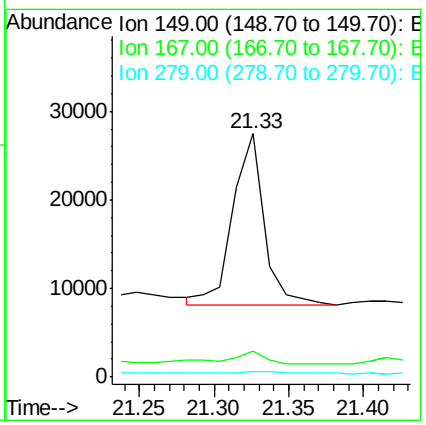


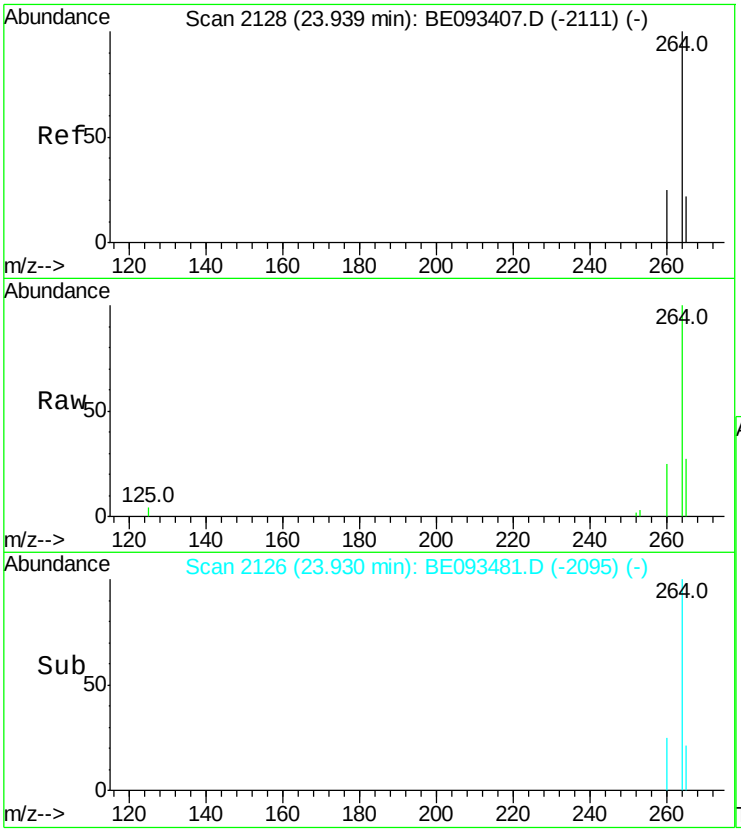


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.180 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:149 Resp: 28075

Ion	Ratio	Lower	Upper
149	100		
167	9.4	20.1	30.1#
279	1.5	2.2	3.4#



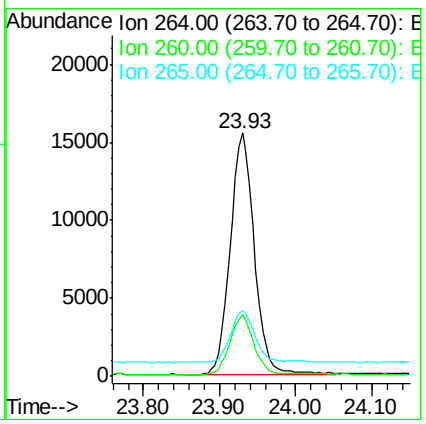


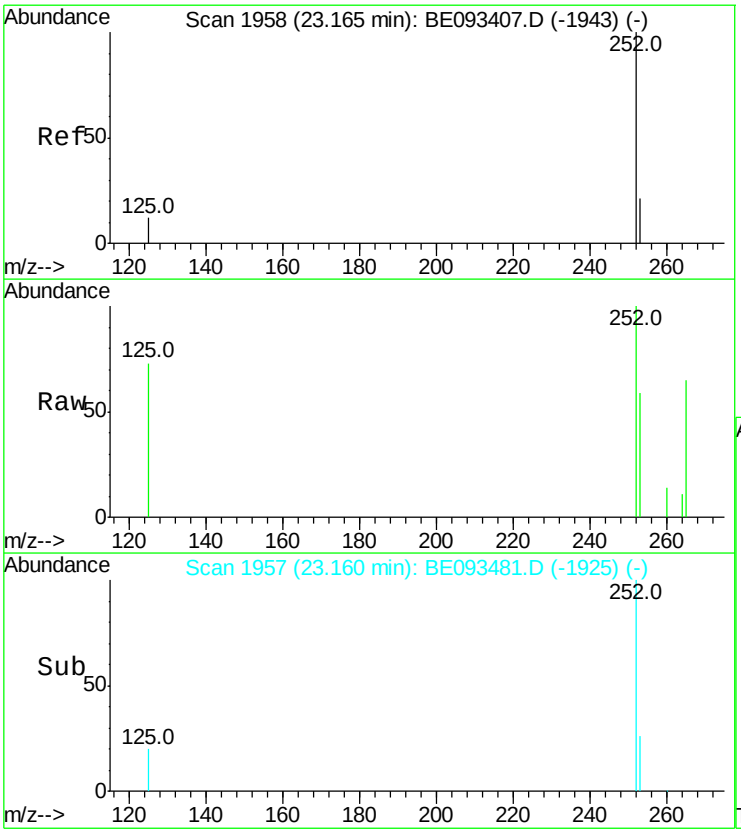
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 34131

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.0	31.4
265	26.8	24.6	36.8

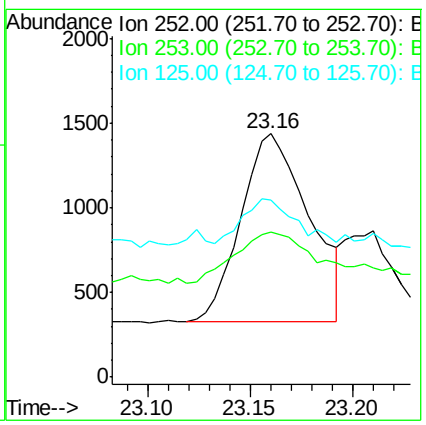


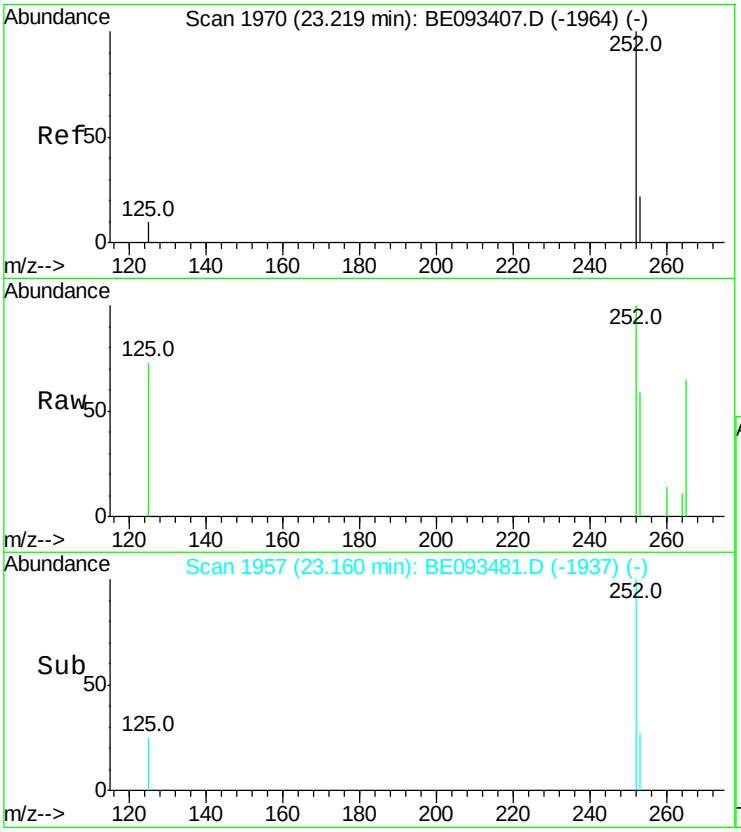


#35
Benzo(b)fluoranthene
Concen: 0.023 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Tgt Ion:252 Resp: 2576

Ion	Ratio	Lower	Upper
252	100		
253	59.3	18.5	27.7#
125	72.9	13.4	20.0#





#36
Benzo(k)fluoranthene
Concen: 0.024 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.06 min
Lab File: BE093481.D
Acq: 19 Jul 2017 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2576

Ion	Ratio	Lower	Upper
252	100		
253	59.3	20.3	30.5#
125	72.9	12.2	18.4#