Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093959.D
Acq On : 11 Sep 2017 12:48
Operator : SJ/JU
Sample : PB1021534BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB102153BS

Quant Time: Sep 12 07:40:48 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 13:34:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2151	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	9661	0.40	ng		0.02
13) Acenaphthene-d10	14.53	164	5642	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	12698	0.40	ng		0.00
27) Chrysene-d12	21.43	240	16379	0.40	ng		0.00
34) Perylene-d12	23.94	264	12443	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1442	0.21	ng		0.00
5) Phenol-d6	7.13	99	1799	0.17	ng		0.01
8) Nitrobenzene-d5	9.08	82	1652	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	3332	0.22	ng		0.01
14) 2,4,6-Tribromophenol	16.03	330	315	0.18	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	4324	0.19	ng		0.02
25) Fluoranthene-d10	19.28	212	37994	0.20	ng		0.00
29) Terphenyl-d14	19.87	244	6976	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	664	0.224	ng	#	7
3) n-Nitrosodimethylamine	3.75	42	736	0.212	ng		86
6) bis(2-Chloroethyl)ether	7.34	93	1552	0.182	ng		77
9) Naphthalene	10.76	128	19867	0.179	ng		99
10) Hexachlorobutadiene	11.04	225	730	0.181	ng		98
12) 2-Methylnaphthalene	12.38	142	3233	0.176	ng		97
16) Acenaphthylene	14.26	152	4453	0.158	ng		98
17) Acenaphthene	14.58	154	3242	0.170	ng		97
18) Fluorene	15.58	166	4285	0.175	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	1289	0.119	ng	#	73
21) Hexachlorobenzene	16.58	284	1201	0.160	ng	#	100
22) Pentachlorophenol	16.94	266	409	0.203	ng		97
23) Phenanthrene	17.30	178	8611	0.107	ng	#	99
24) Anthracene	17.40	178	5423	0.140	ng	#	56
26) Fluoranthene	19.31	202	9164	0.162	ng		99
28) Pyrene	19.67	202	9459	0.168	ng		99
30) Benzo(a)anthracene	21.40	228	8337	0.166	ng		97
31) Chrysene	21.46	228	8765	0.165	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	29683	0.243	ng		99
33) Indeno(1,2,3-cd)pyrene	26.61	276	4621	0.130	ng		94
35) Benzo(b)fluoranthene	23.17	252	6245	0.158	ng	#	93
36) Benzo(k)fluoranthene	23.22	252	8836	0.182	ng	#	89
37) Benzo(a)pyrene	23.83	252	6712	0.166	ng	#	87
38) Dibenzo(a,h)anthracene	26.64	278	3672	0.137	ng	#	73
39) Benzo(g,h,i)perylene	27.43	276	4451	0.158	ng	#	88

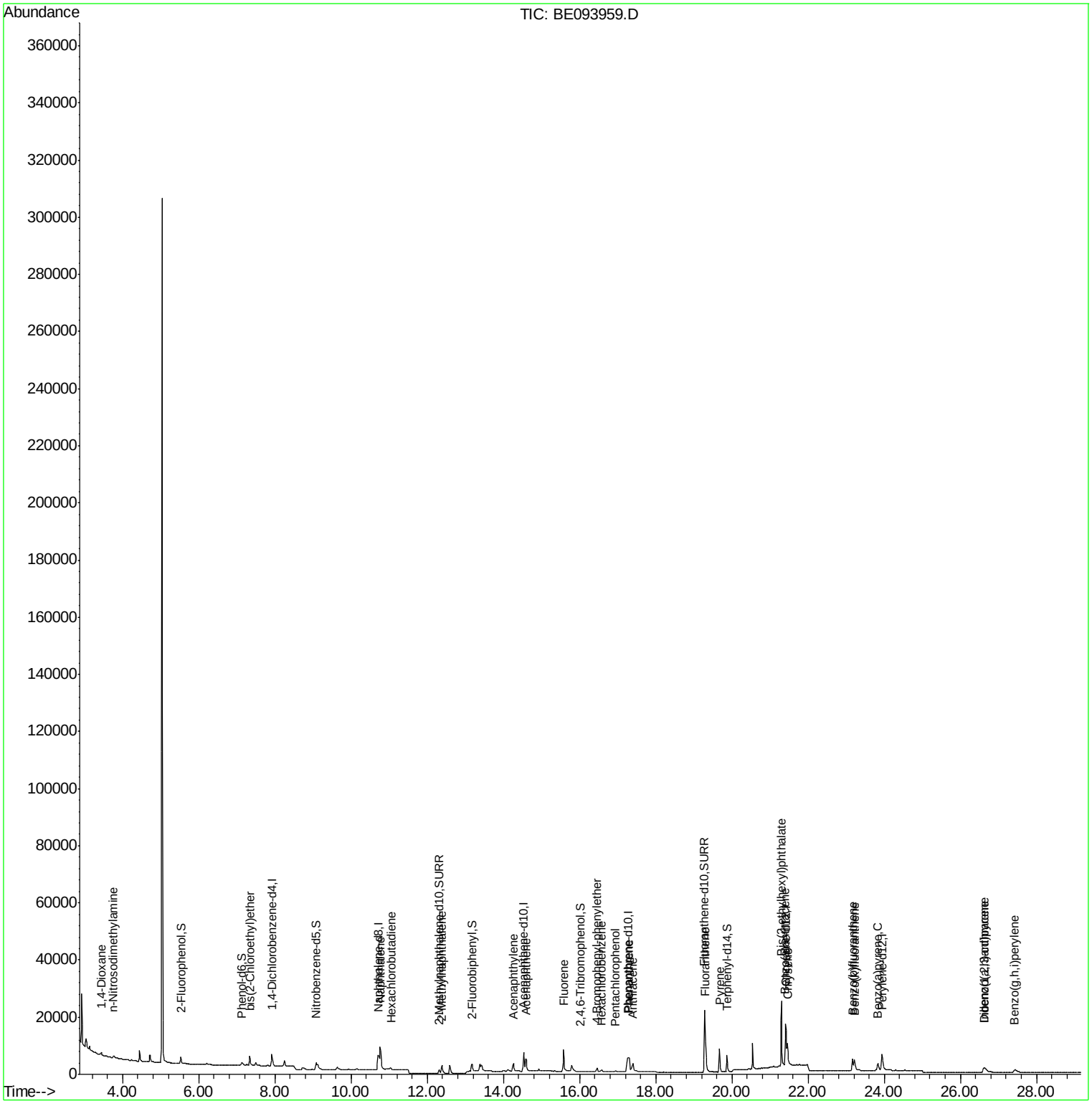
(#) = qualifier out of range (m) = manual integration (+) = signals summed

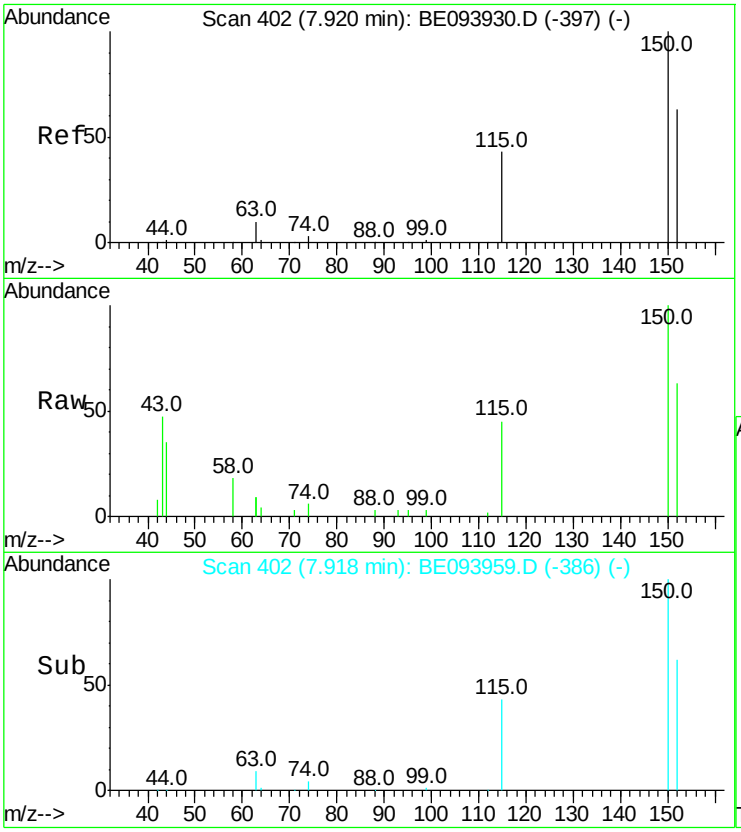
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093959.D
Acq On : 11 Sep 2017 12:48
Operator : SJ/JU
Sample : PB1021534BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Quant Time: Sep 12 07:40:48 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 13:34:56 2017
Response via : Initial Calibration



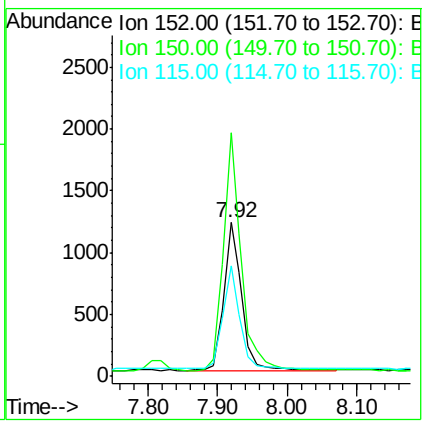


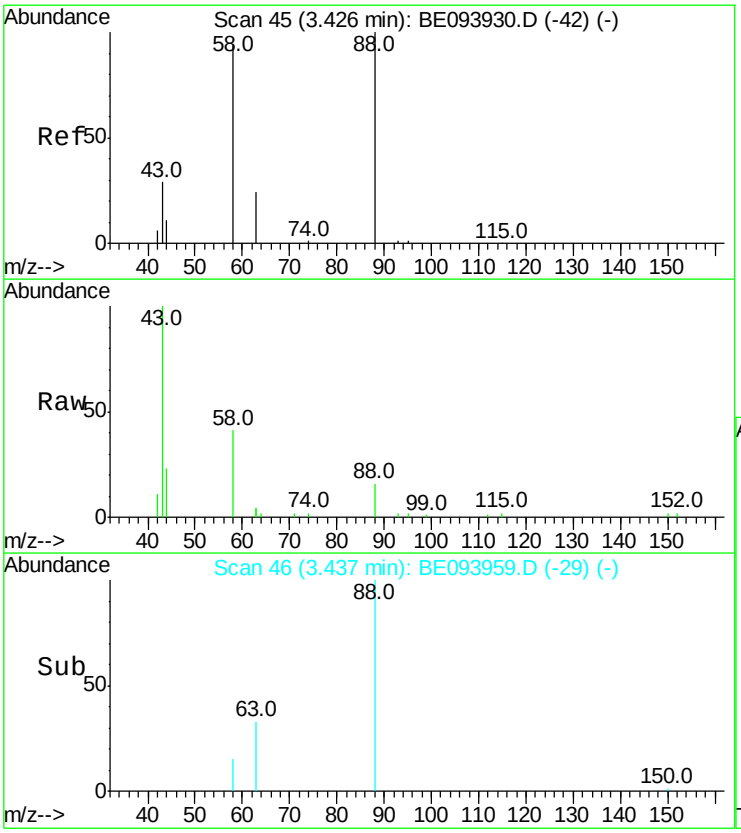
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:152 Resp: 2151

Ion	Ratio	Lower	Upper
152	100		
150	158.7	121.8	182.6
115	71.9	52.6	79.0

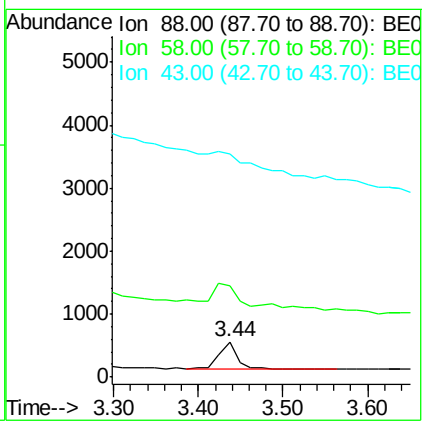


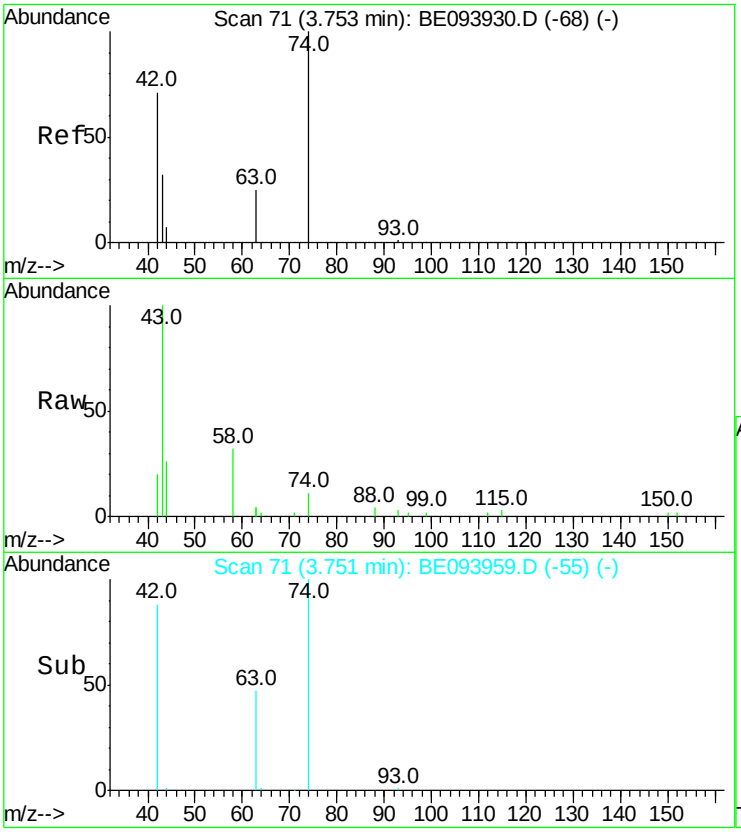


#2
1,4-Dioxane
Concen: 0.224 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion: 88 Resp: 664

Ion	Ratio	Lower	Upper
88	100		
58	177.6	65.4	98.0#
43	0.0	23.9	35.9#



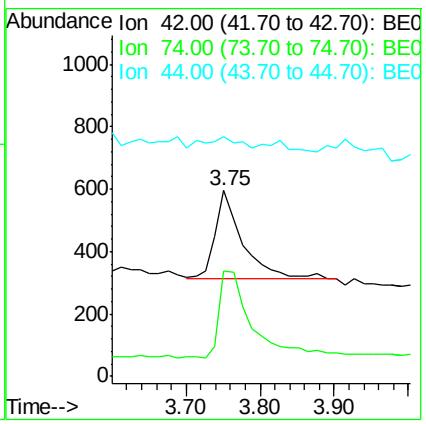


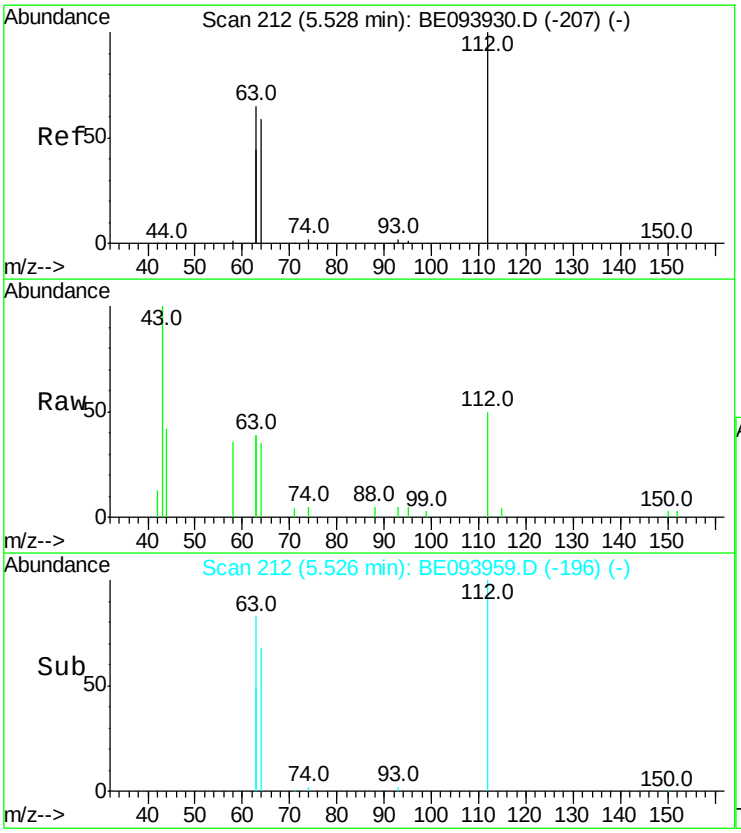
#3
n-Nitrosodimethylamine
Concen: 0.212 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion: 42 Resp: 736

Ion	Ratio	Lower	Upper
42	100		
74	111.8	104.0	156.0
44	17.1	13.8	20.8

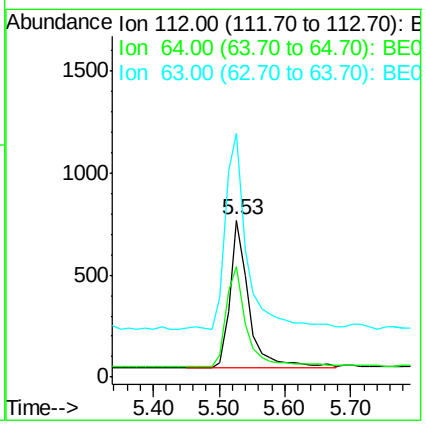


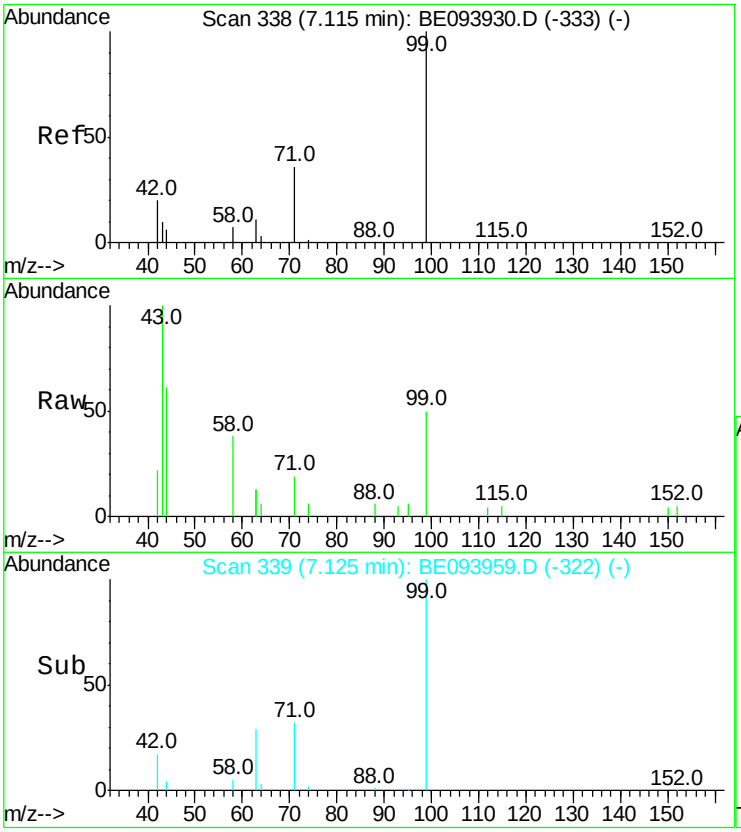


#4
2-Fluorophenol
Concen: 0.207 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:112 Resp: 1442

Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.7	86.5
63	154.5	116.0	174.0



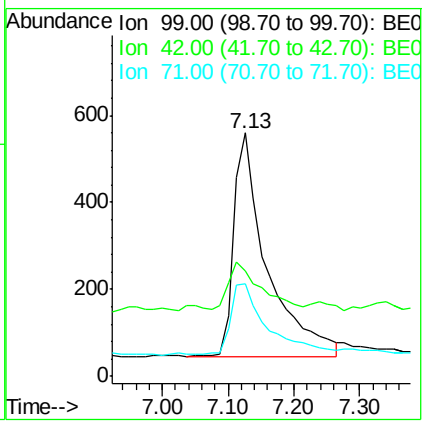


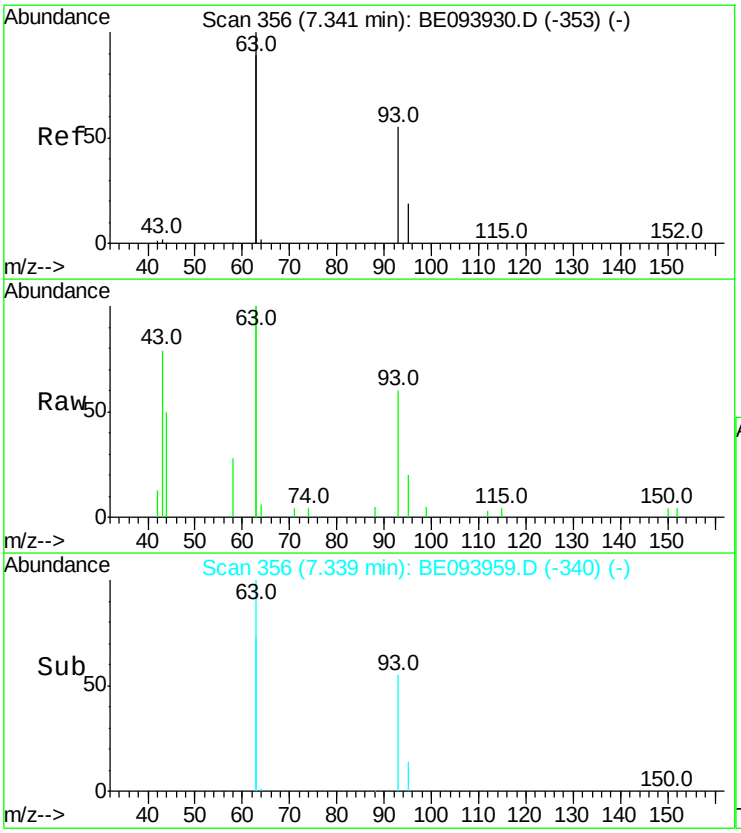
#5
Phenol-d6
Concen: 0.172 ng
RT: 7.13 min Scan# 339
Delta R.T. 0.01 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion: 99 Resp: 1799

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.1	25.7
71	34.2	26.6	39.8

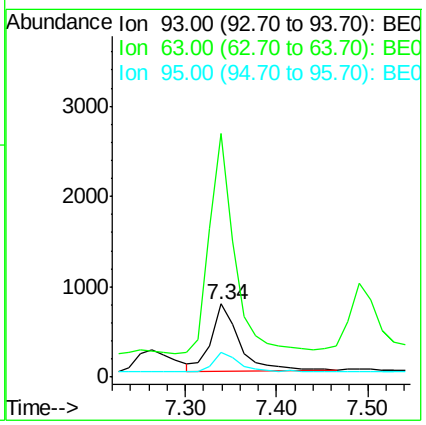


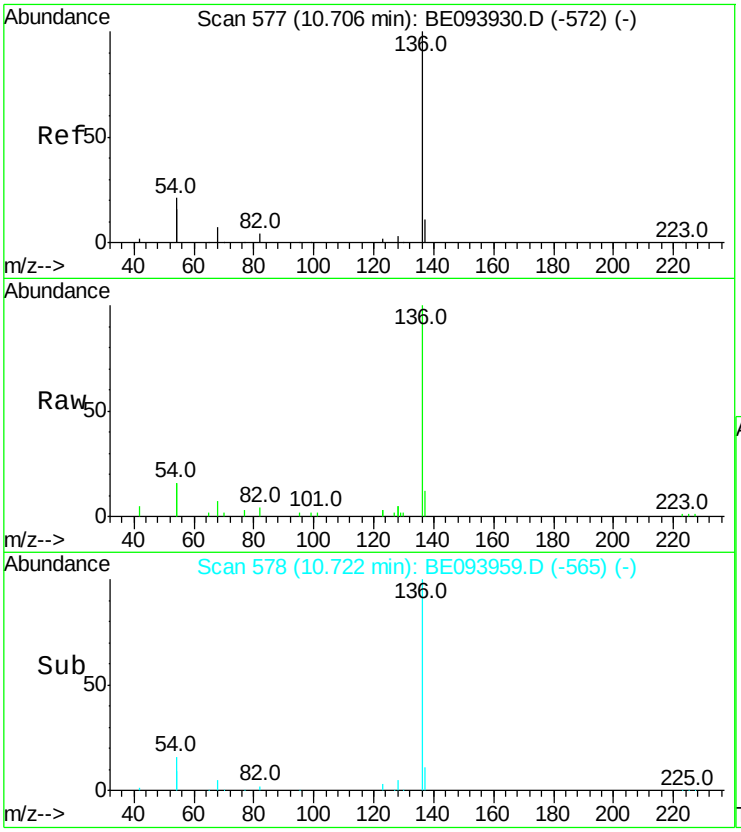


#6
bis(2-Chloroethyl)ether
Concen: 0.182 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion: 93 Resp: 1552

Ion	Ratio	Lower	Upper
93	100		
63	301.2	283.4	425.2
95	28.7	26.9	40.3



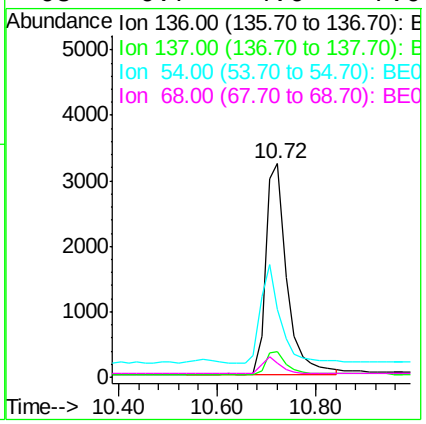


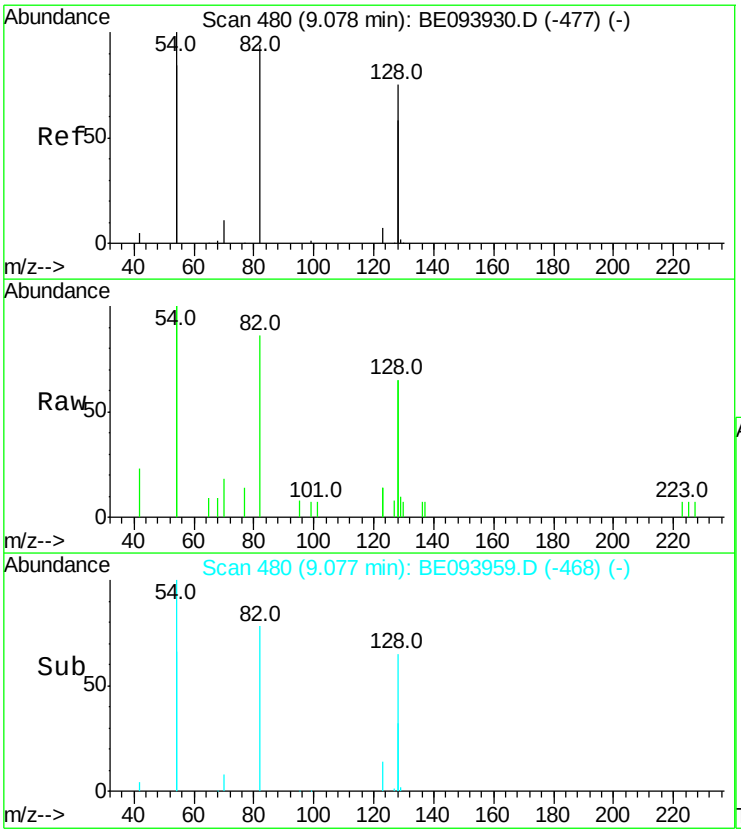
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.02 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:136 Resp: 9661

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	31.9	21.9	32.9
68	6.7	4.6	7.0

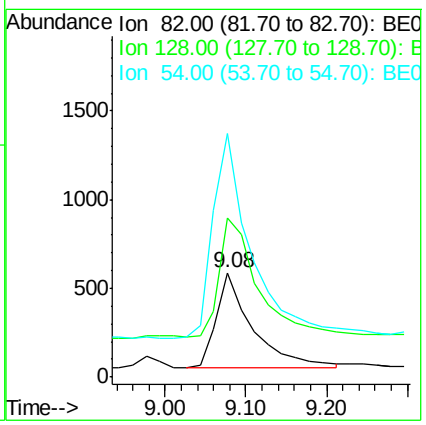


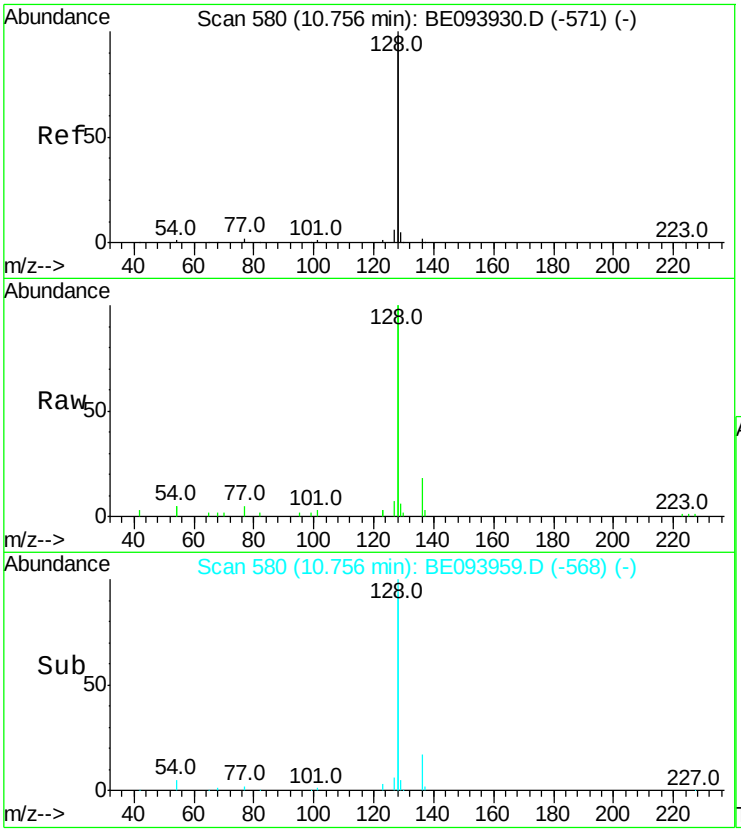


#8
Nitrobenzene-d5
Concen: 0.202 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion: 82 Resp: 1652

Ion	Ratio	Lower	Upper
82	100		
128	151.9	91.4	137.0#
54	232.5	197.8	296.8



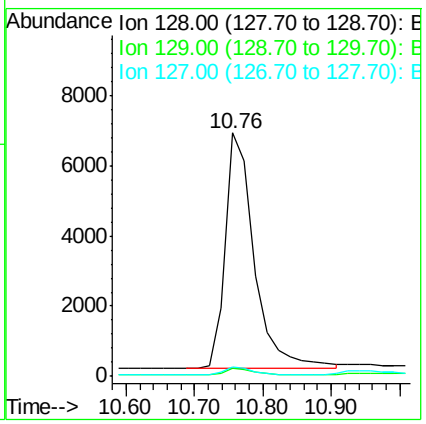


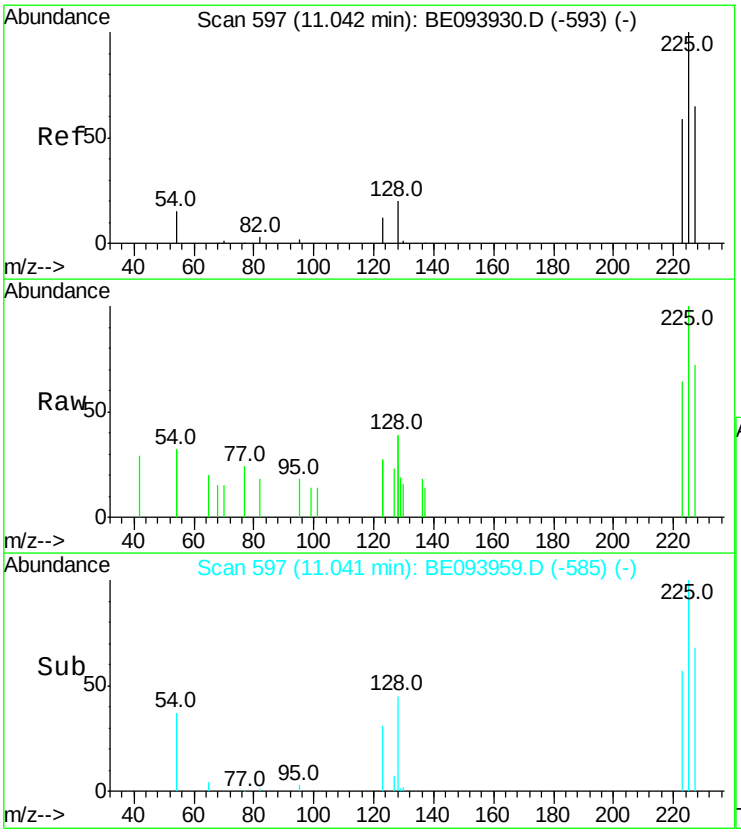
#9
Naphthalene
Concen: 0.179 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:128 Resp: 19867

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

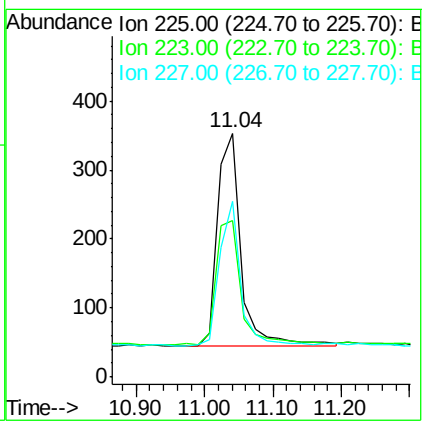


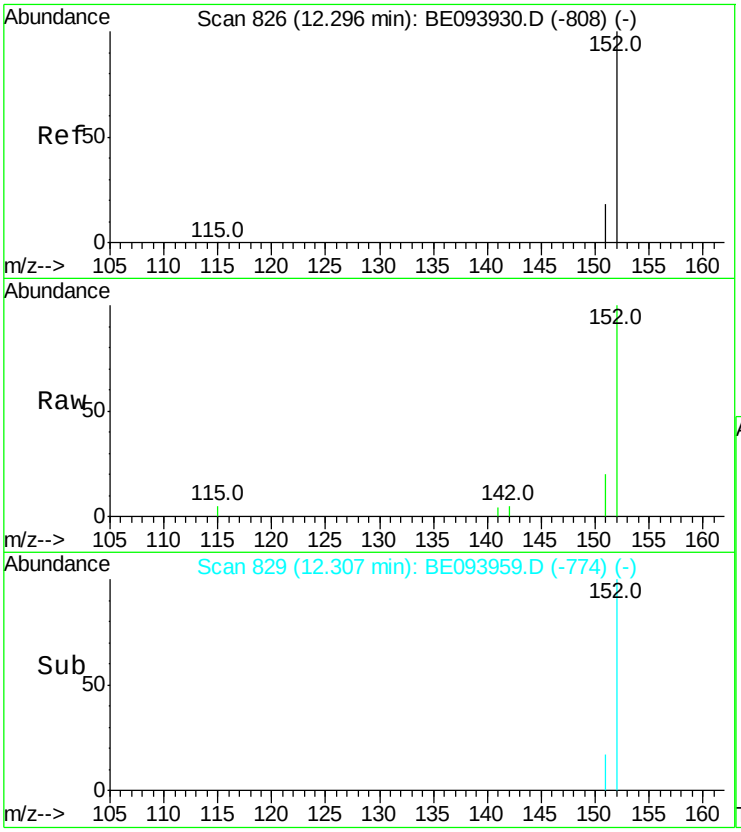


#10
Hexachlorobutadiene
Concen: 0.181 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:225 Resp: 730

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	61.4	50.5	75.7



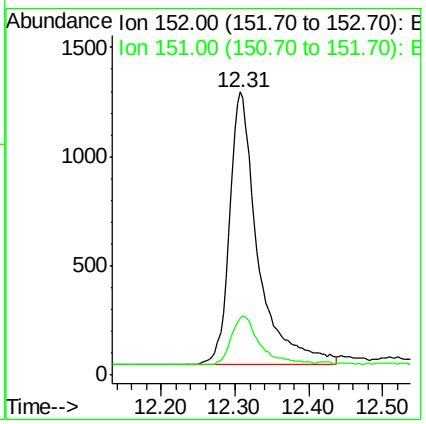


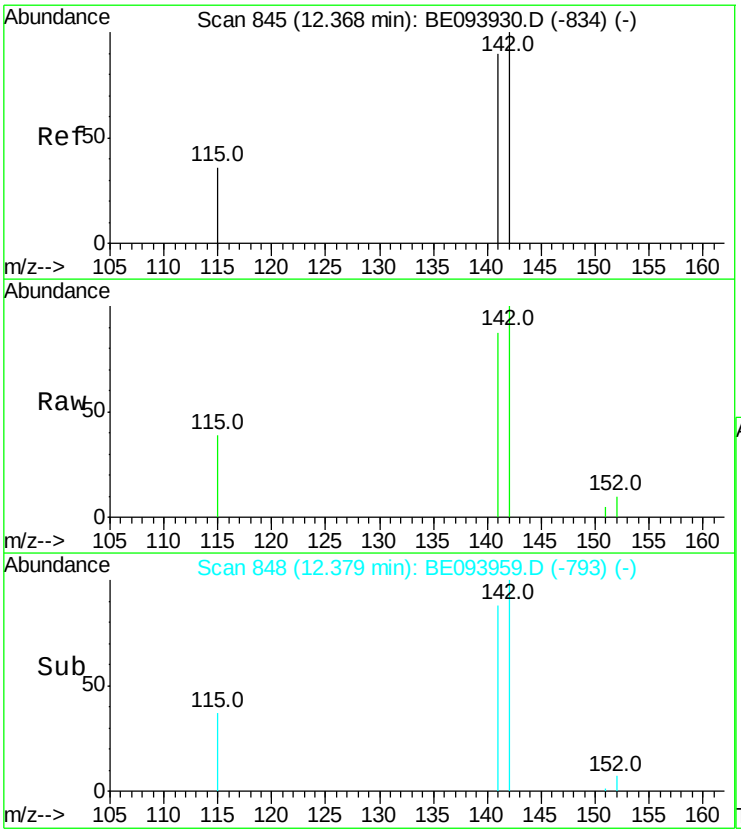
#11
2-Methylnaphthalene-d10
Concen: 0.216 ng
RT: 12.31 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:152 Resp: 3332

Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.4	23.0

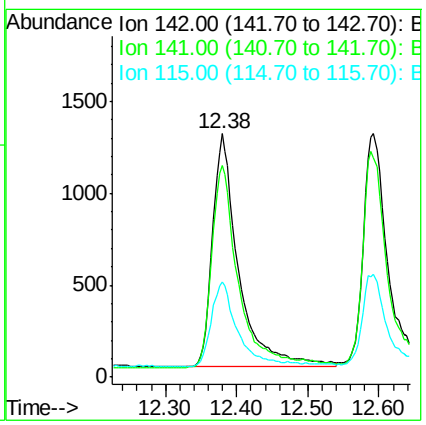


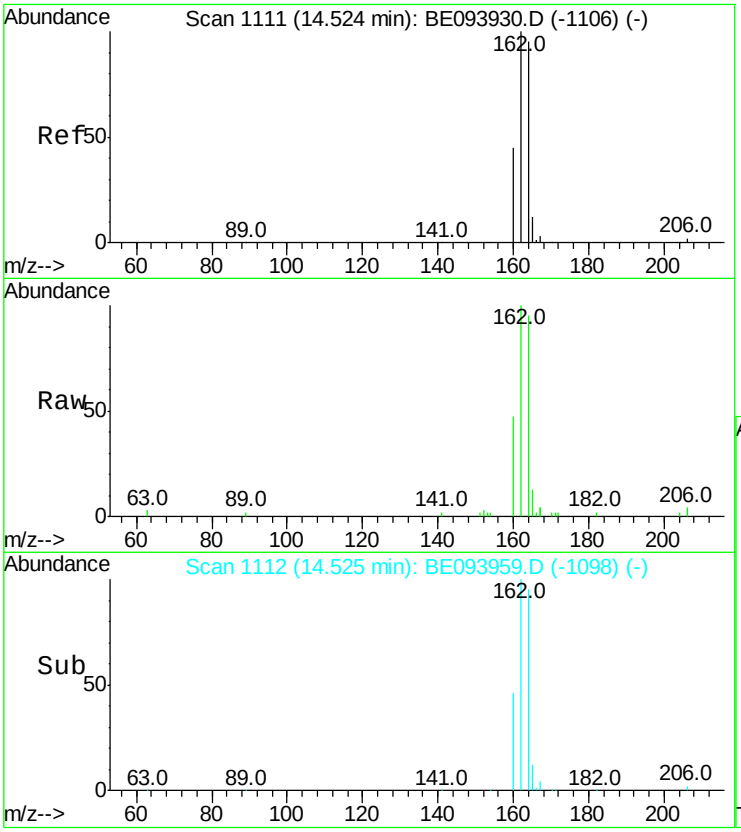


#12
2-Methylnaphthalene
Concen: 0.176 ng
RT: 12.38 min Scan# 848
Delta R.T. 0.01 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:142 Resp: 3233

Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.4	107.2
115	38.9	29.4	44.0



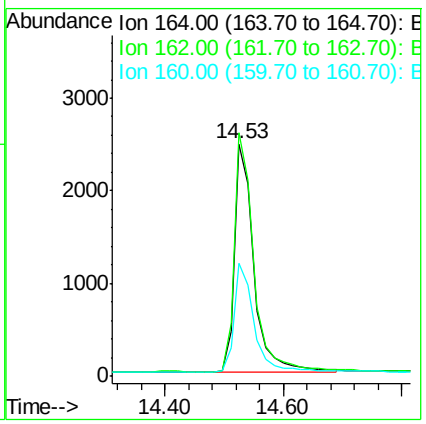


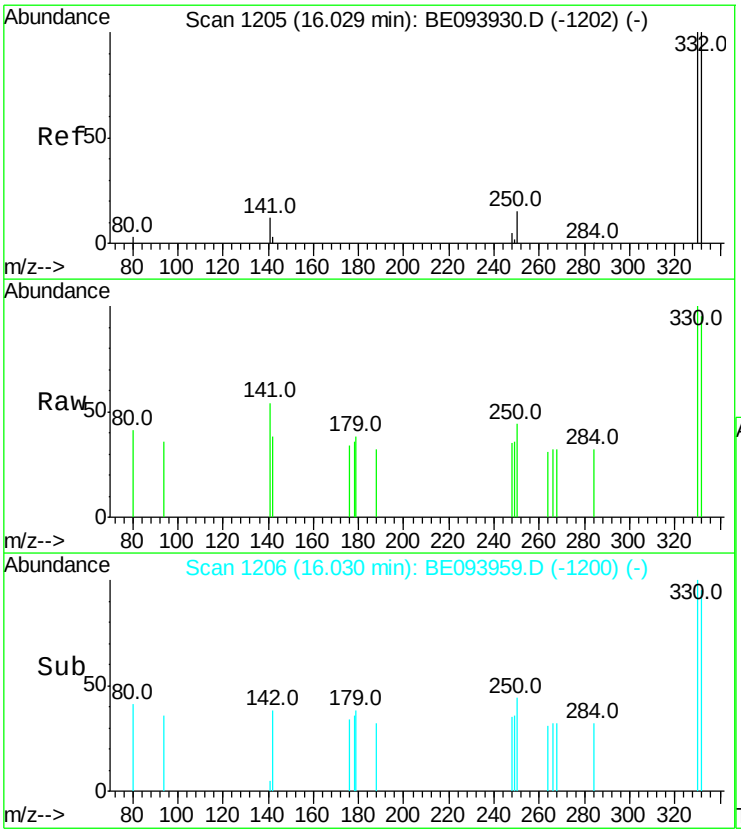
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:164 Resp: 5642

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.8	121.2
160	48.8	37.0	55.4

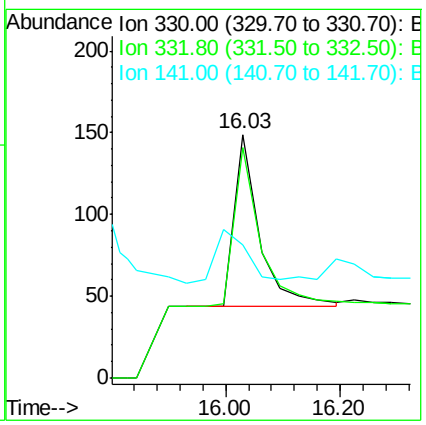


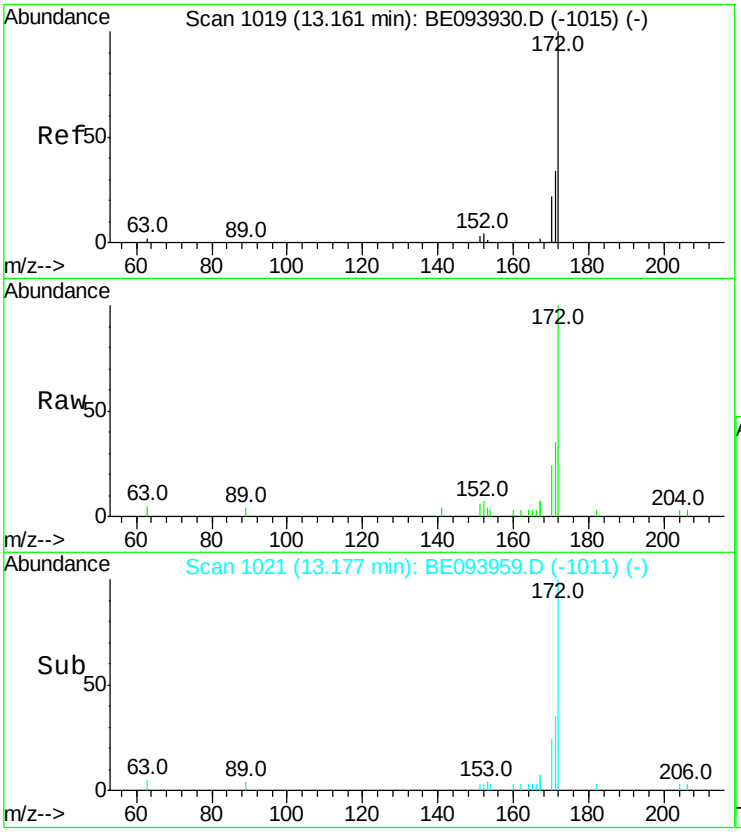


#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:330 Resp: 315

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	0.0	0.0	0.0



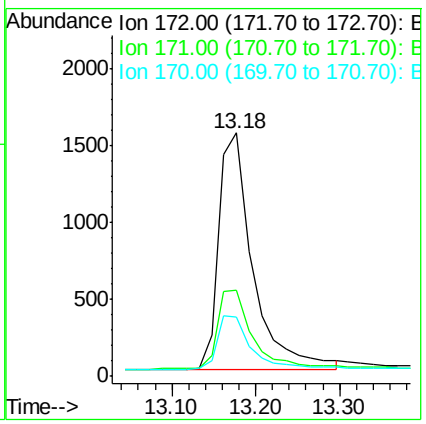


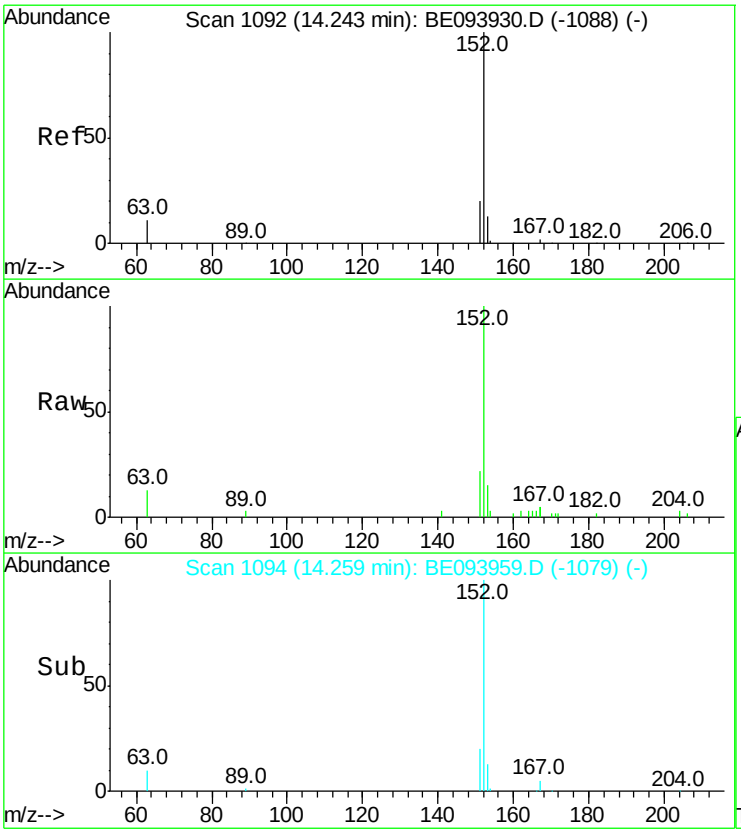
#15
2-Fluorobiphenyl
Concen: 0.194 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:172 Resp: 4324

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.9	40.3
170	24.4	17.3	25.9

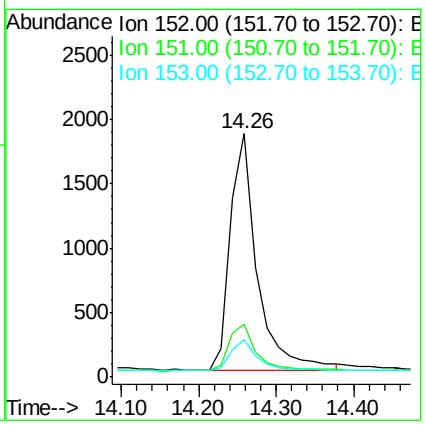


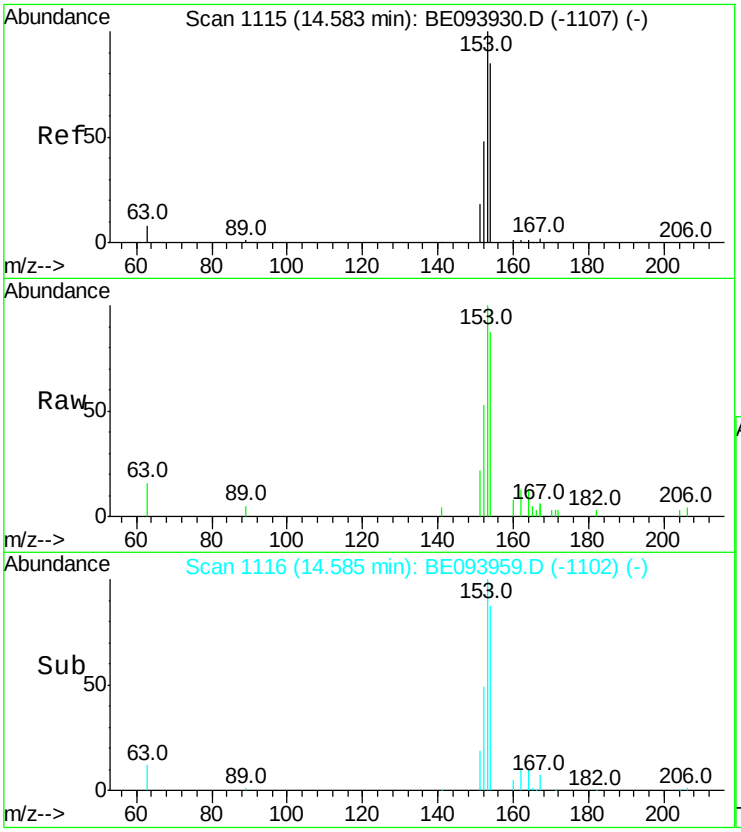


#16
Acenaphthylene
Concen: 0.158 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:152 Resp: 4453

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.7	23.5
153	13.3	10.6	16.0



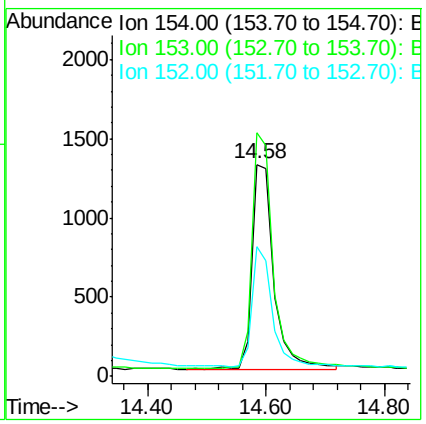


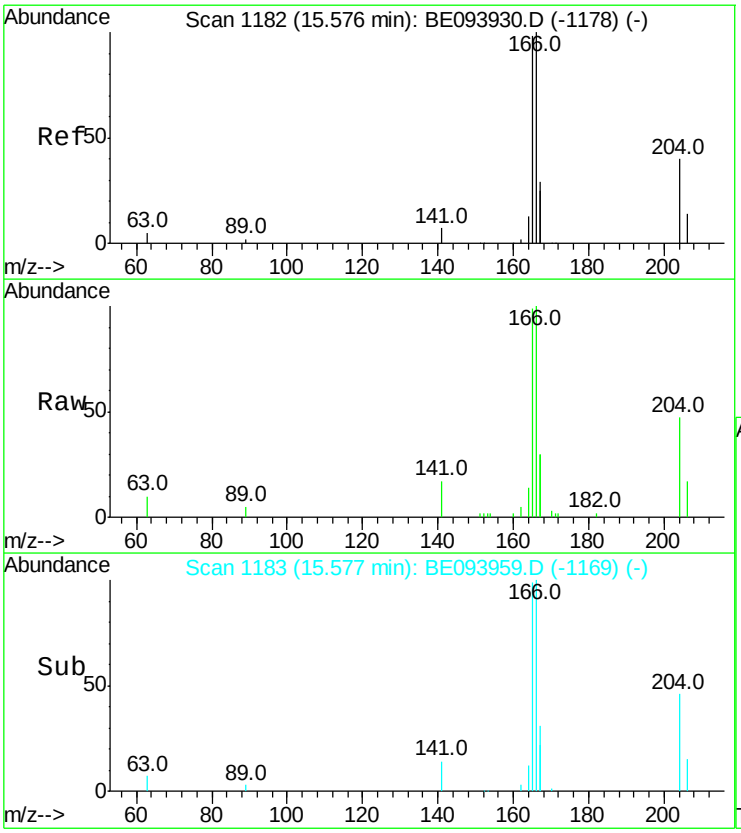
#17
Acenaphthene
Concen: 0.170 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:154 Resp: 3242

Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.8	137.6
152	54.4	44.9	67.3

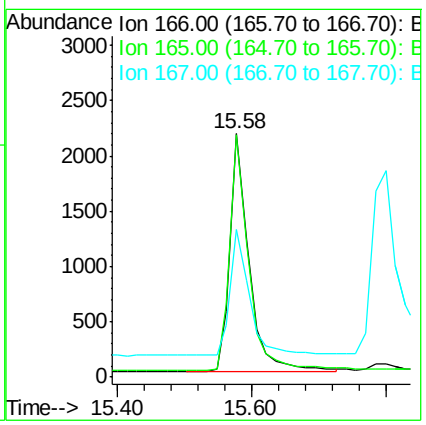


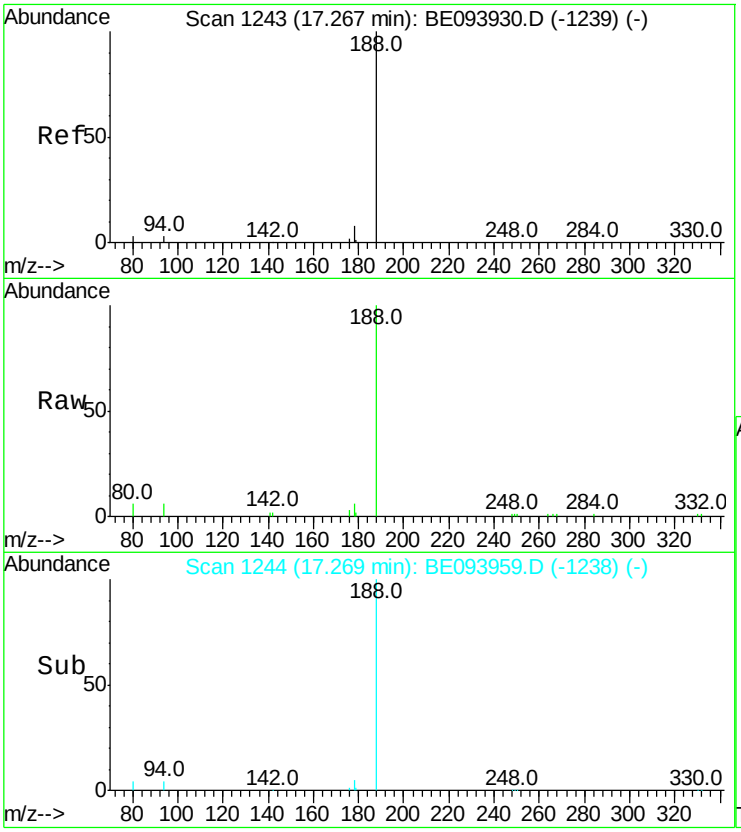


#18
Fluorene
Concen: 0.175 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:166 Resp: 4285

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.4	119.0
167	53.5	43.5	65.3



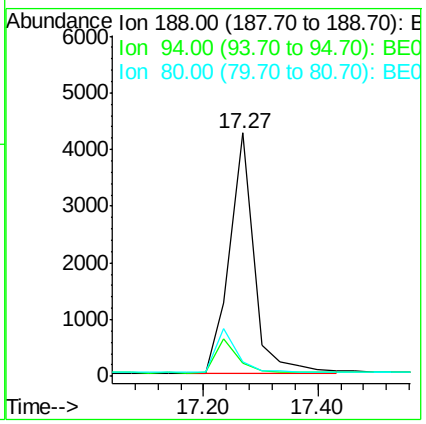


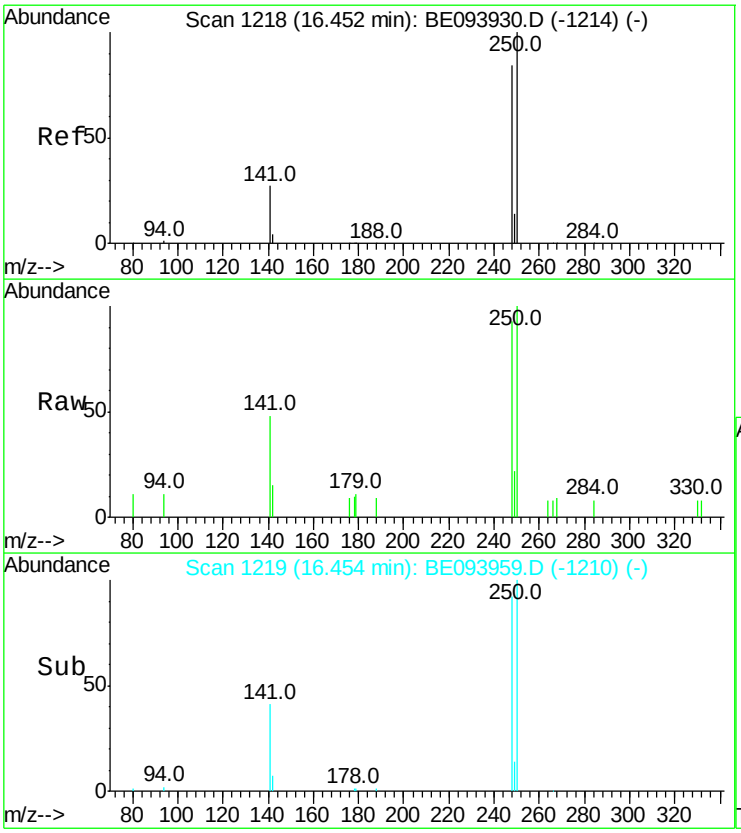
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:188 Resp: 12698

Ion	Ratio	Lower	Upper
188	100		
94	5.6	16.1	24.1#
80	5.8	18.2	27.2#

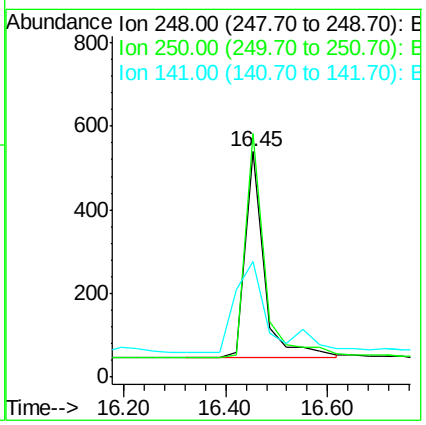


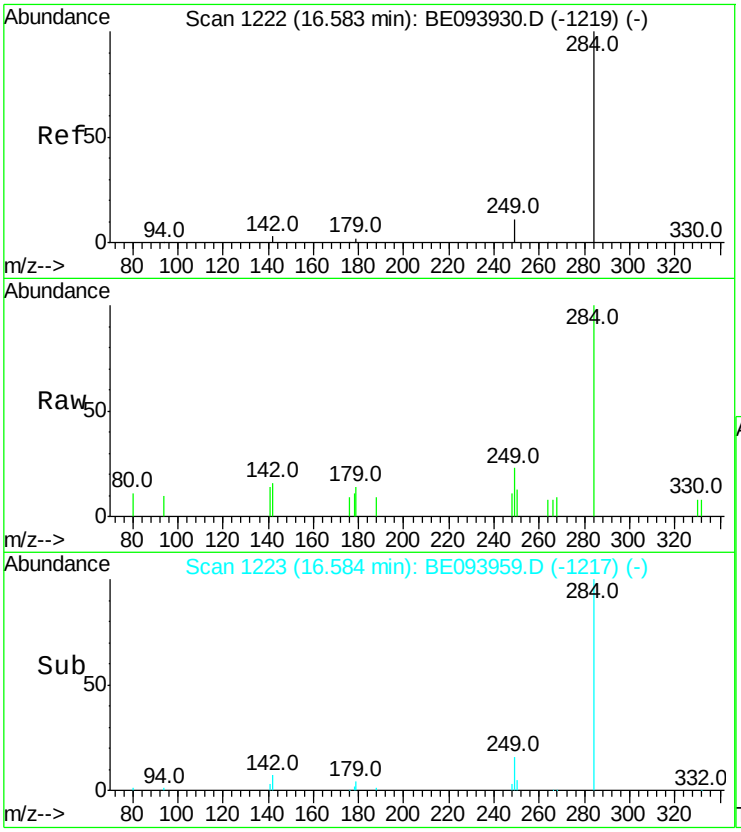


#20
4-Bromophenyl-phenylether
Concen: 0.119 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:248 Resp: 1289

Ion	Ratio	Lower	Upper
248	100		
250	108.0	111.8	167.8#
141	51.4	27.1	40.7#



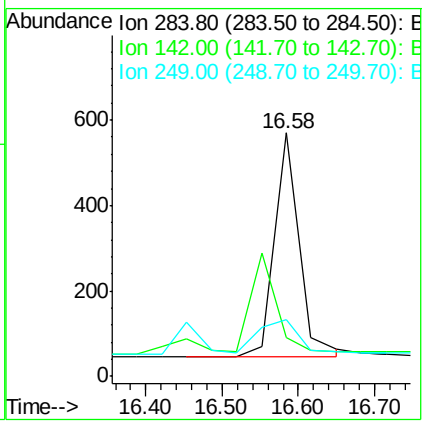


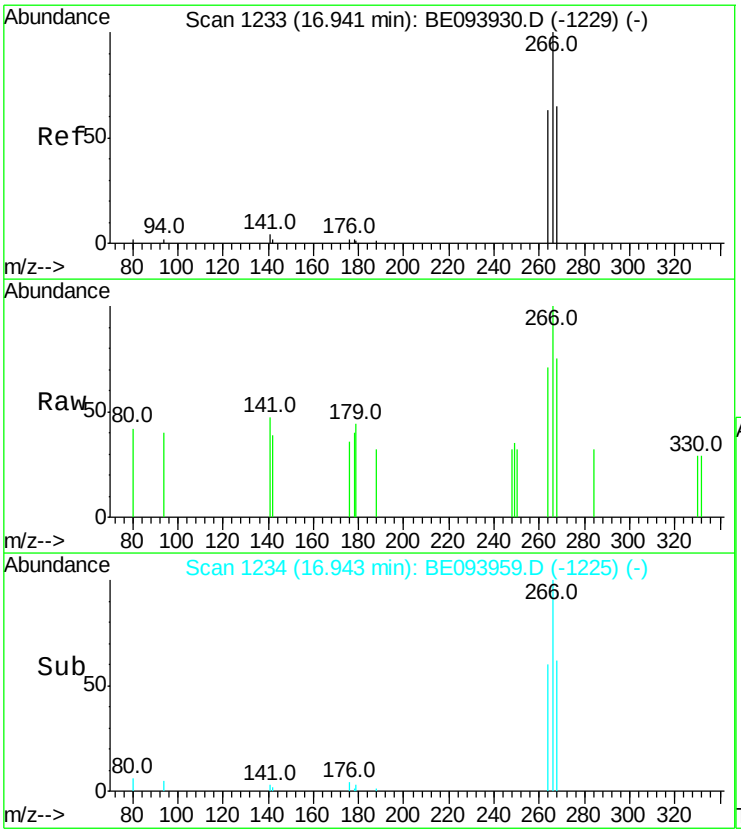
#21
Hexachlorobenzene
Concen: 0.160 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:284 Resp: 1201

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	24.1	0.0	0.0#

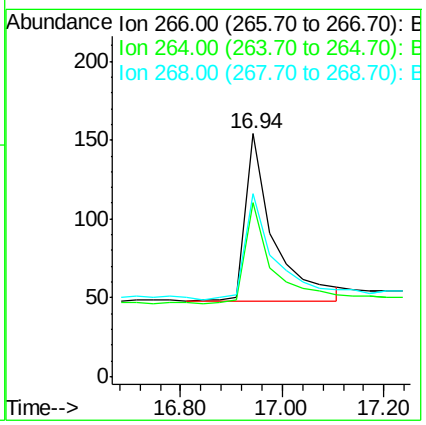


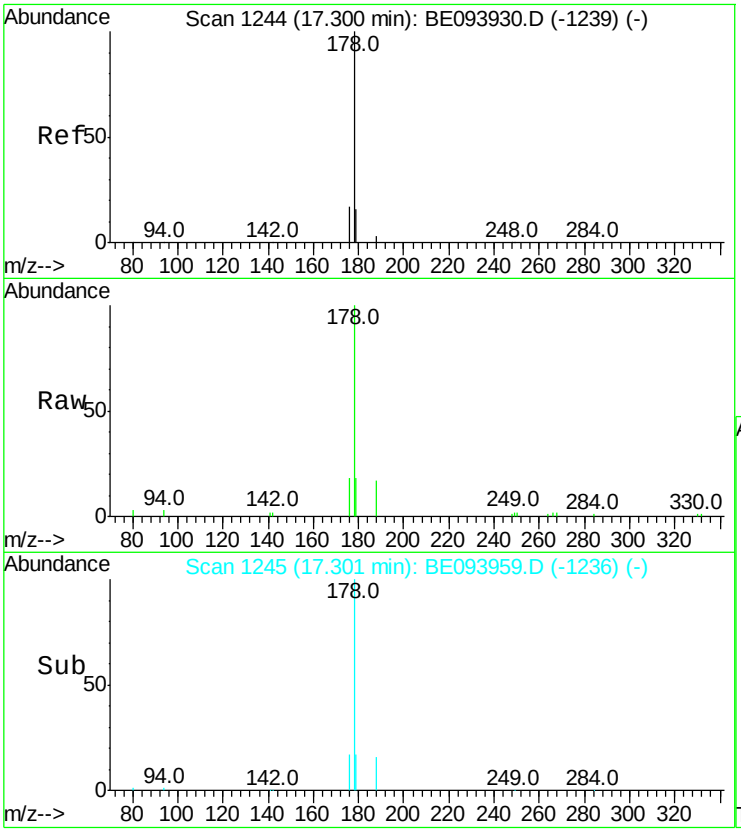


#22
Pentachlorophenol
Concen: 0.203 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:266 Resp: 409

Ion	Ratio	Lower	Upper
266	100		
264	71.4	53.5	80.3
268	75.3	60.0	90.0



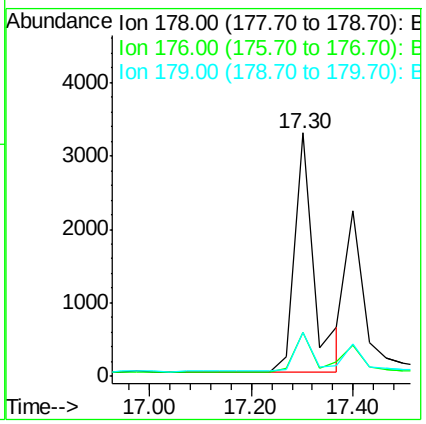


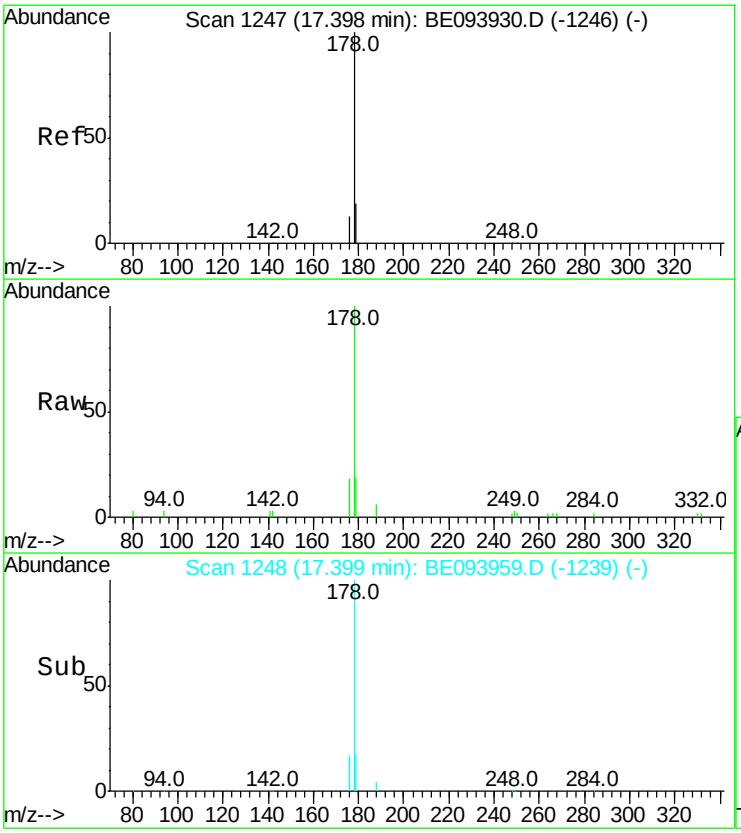
#23
Phenanthrene
Concen: 0.107 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:178 Resp: 8611

Ion	Ratio	Lower	Upper
178	100		
176	18.5	0.0	0.0#
179	16.0	12.6	18.8

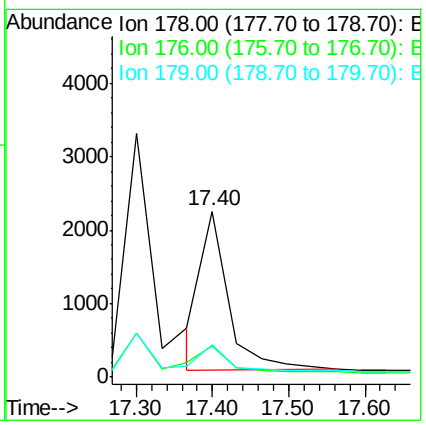


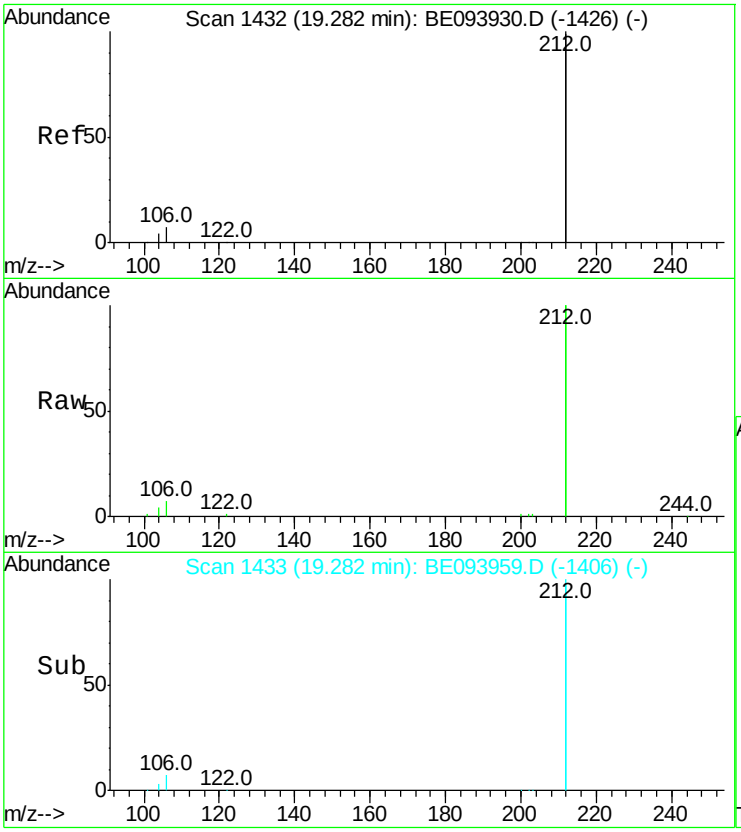


#24
Anthracene
Concen: 0.140 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:178 Resp: 5423

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	17.1	0.0	0.0#



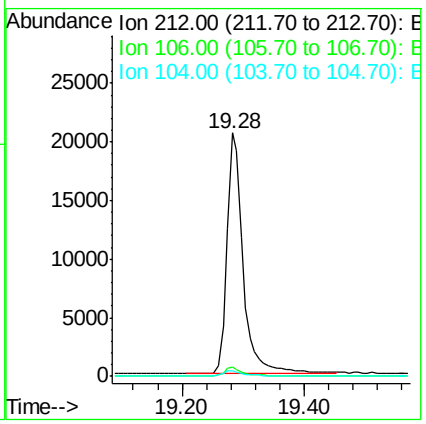


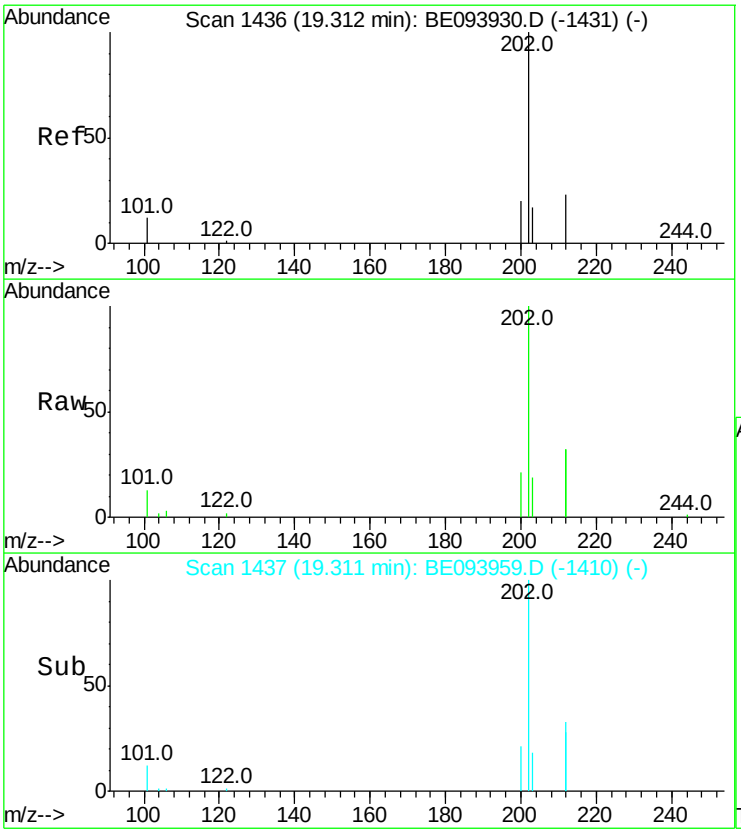
#25
Fluoranthene-d10
Concen: 0.201 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:212 Resp: 37994

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

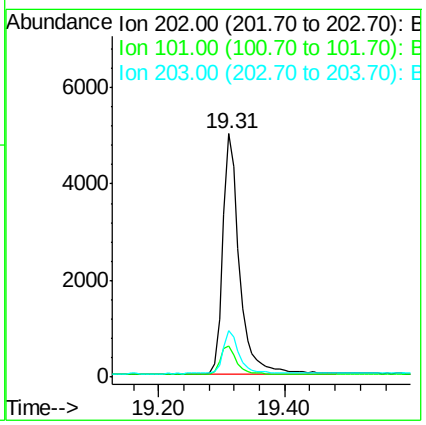


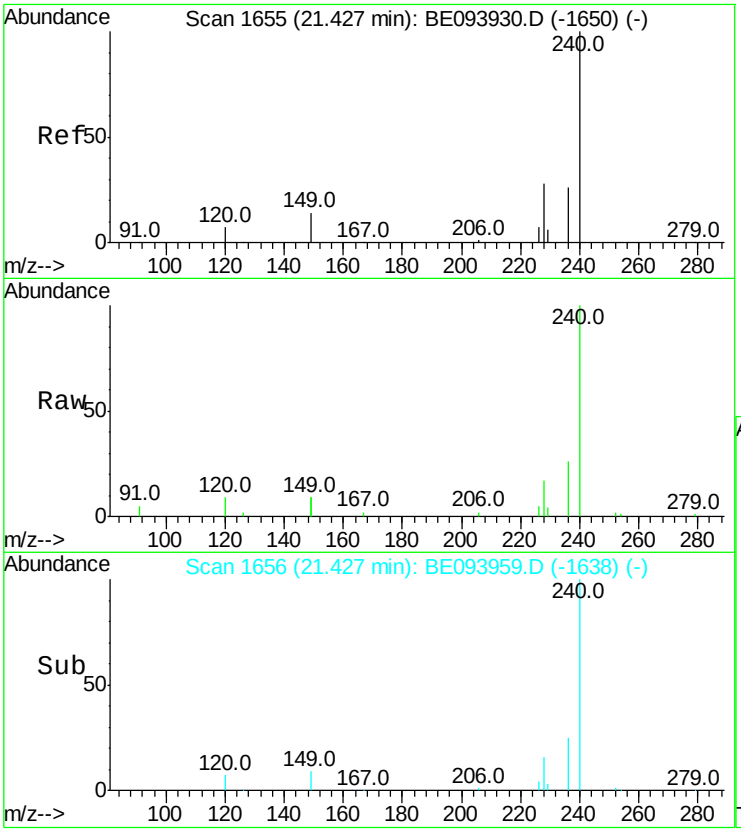


#26
Fluoranthene
Concen: 0.162 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:202 Resp: 9164

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
203	17.4	13.7	20.5



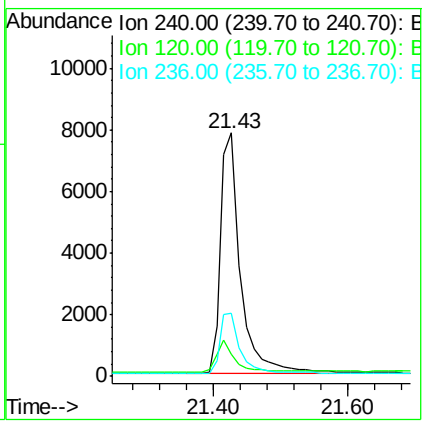


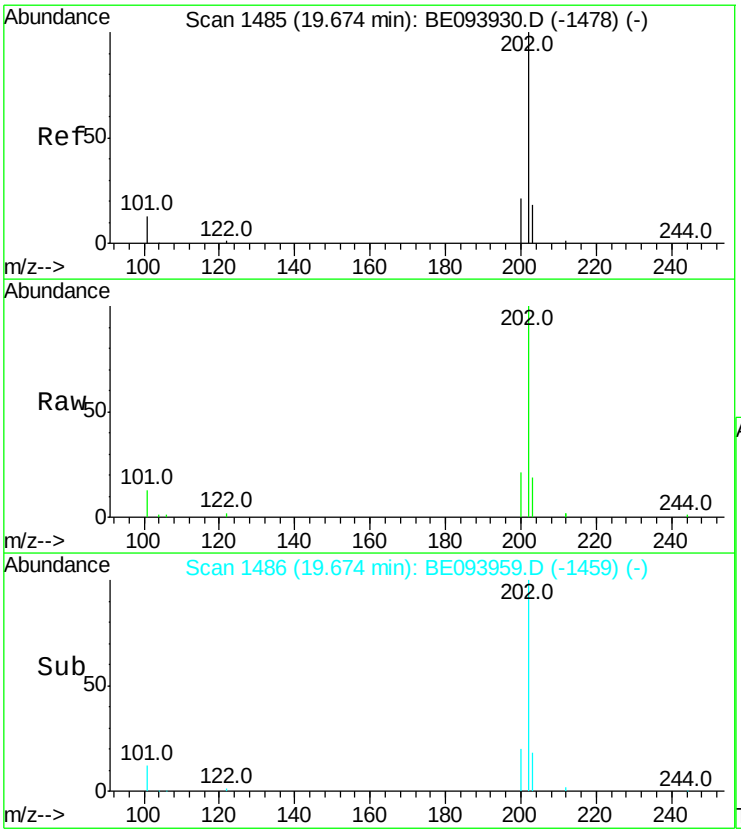
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:240 Resp: 16379

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.7	13.1
236	26.1	21.3	31.9

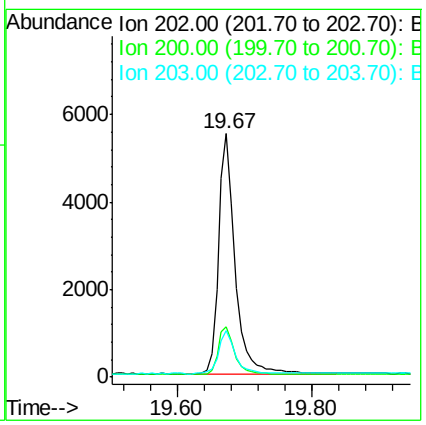


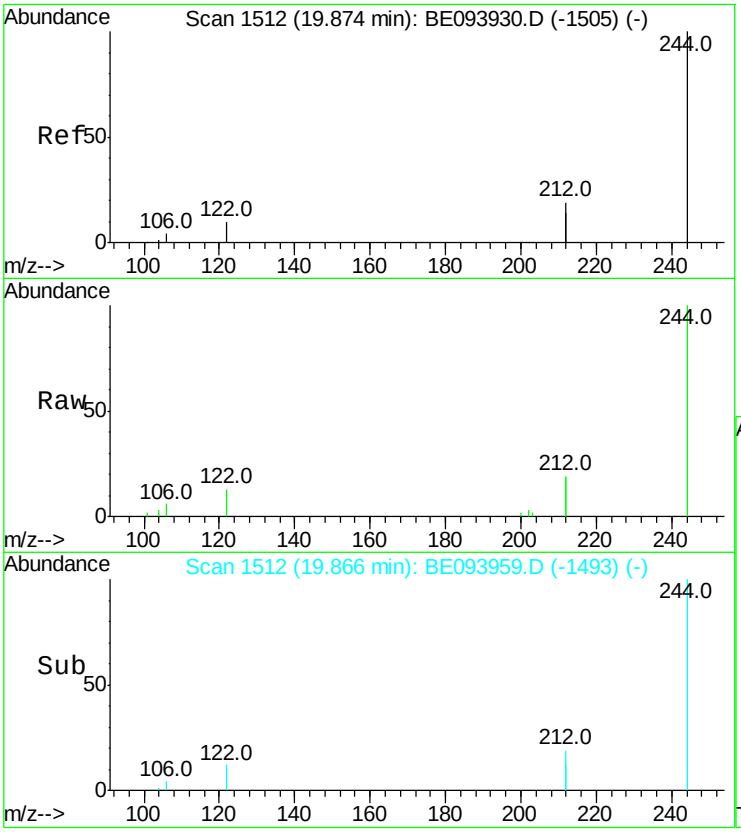


#28
Pyrene
Concen: 0.168 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:202 Resp: 9459

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	18.1	14.2	21.4



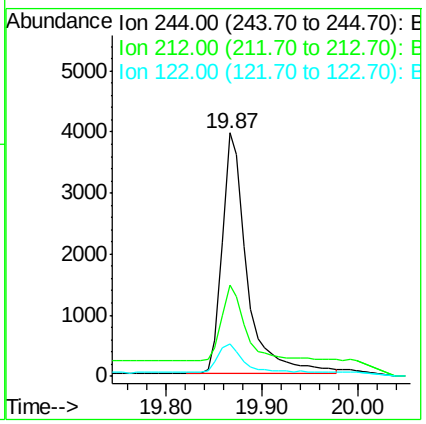


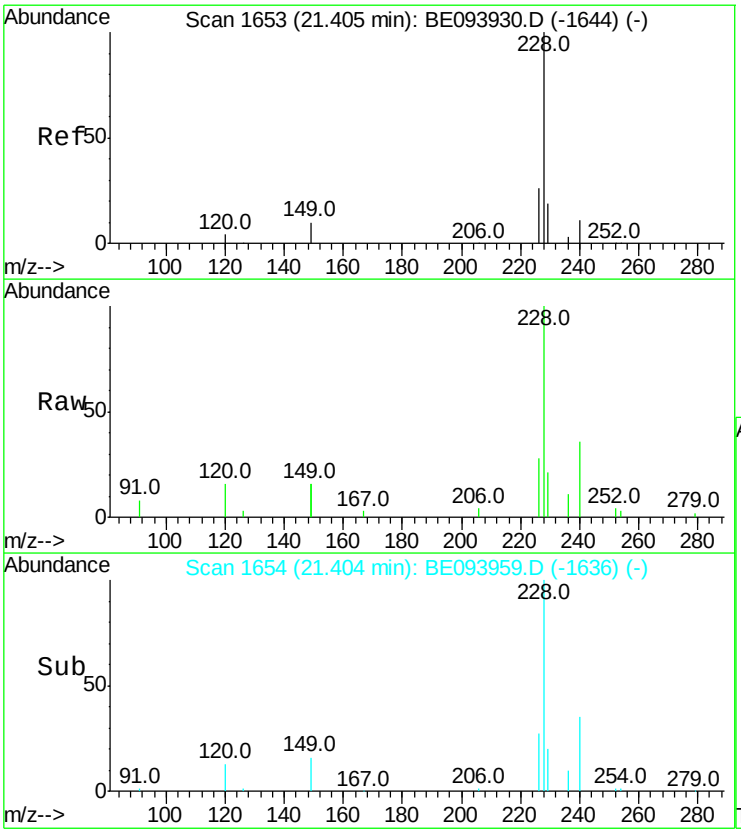
#29
Terphenyl-d14
Concen: 0.231 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:244 Resp: 6976

Ion	Ratio	Lower	Upper
244	100		
212	37.3	28.3	42.5
122	13.3	9.4	14.0

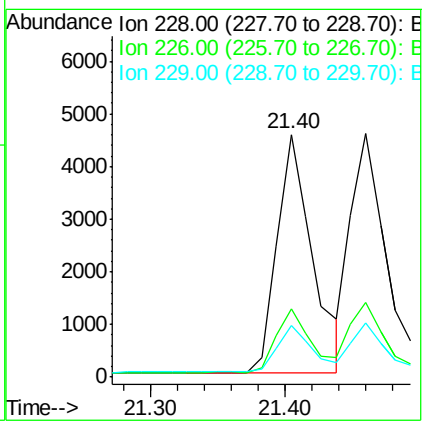


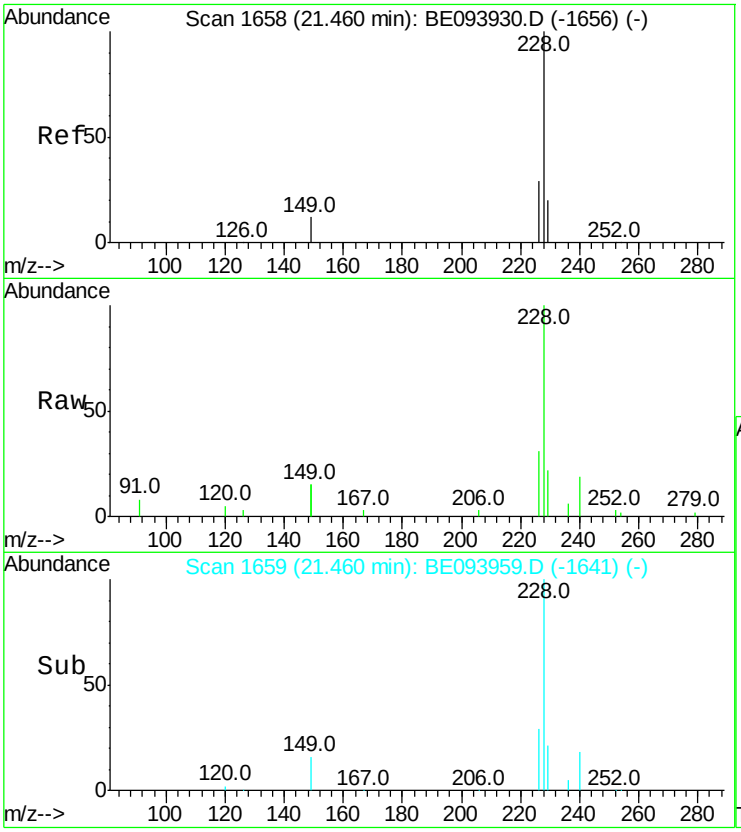


#30
Benzo(a)anthracene
Concen: 0.166 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:228 Resp: 8337

Ion	Ratio	Lower	Upper
228	100		
226	28.3	20.8	31.2
229	21.2	16.6	25.0



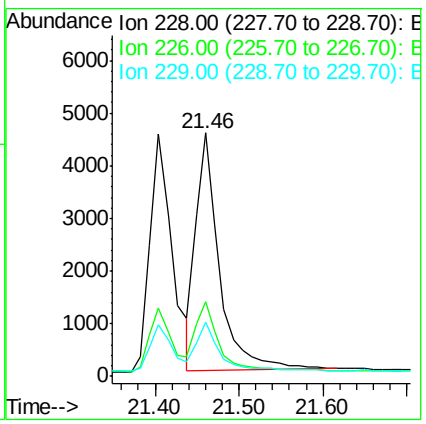


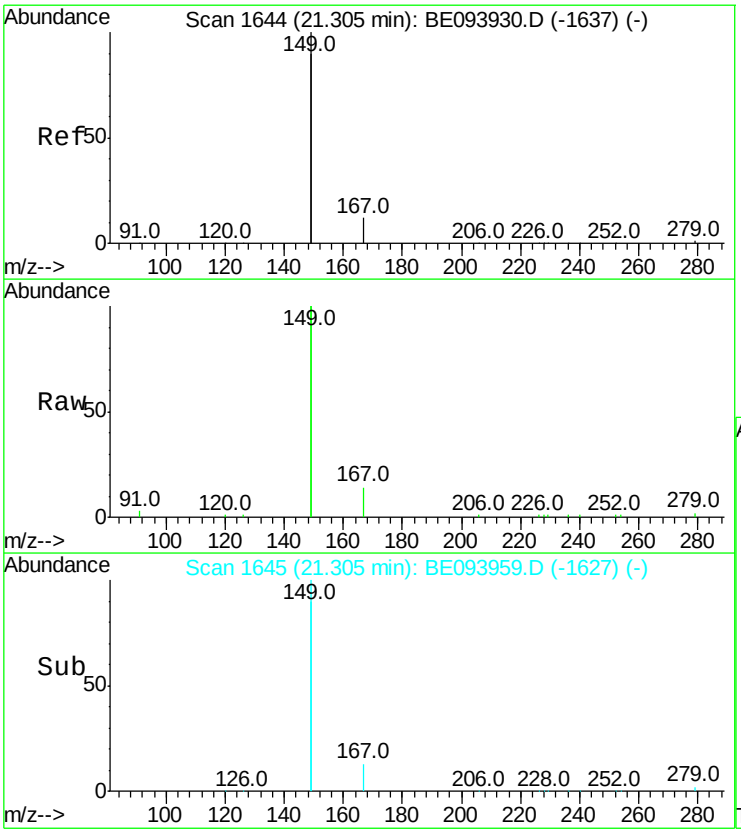
#31
Chrysene
Concen: 0.165 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:228 Resp: 8765

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	22.1	15.8	23.8

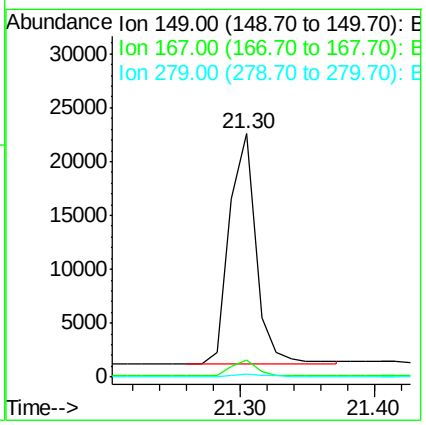


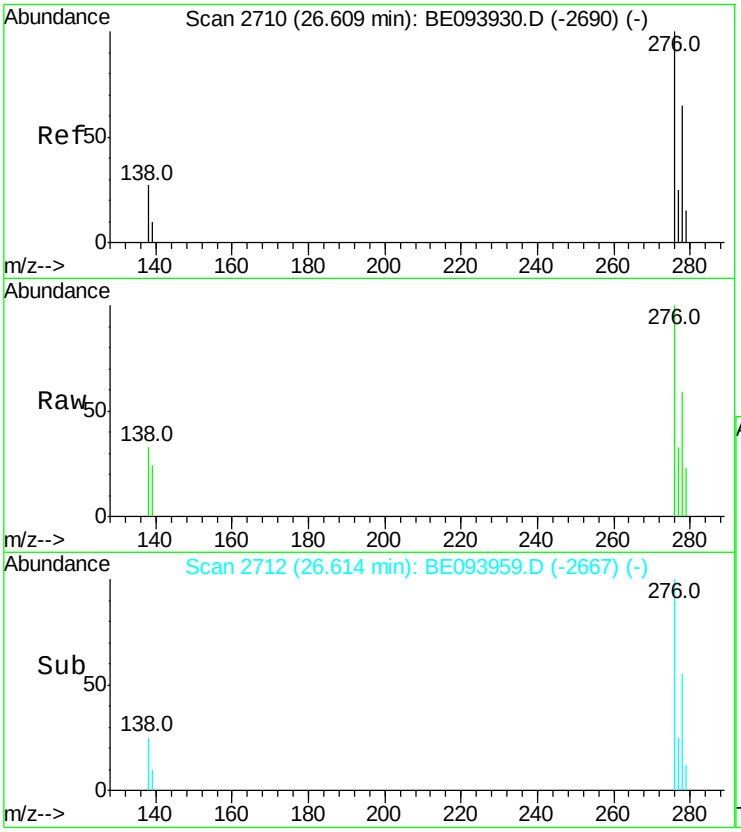


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.243 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:149 Resp: 29683

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.9	0.7	1.1



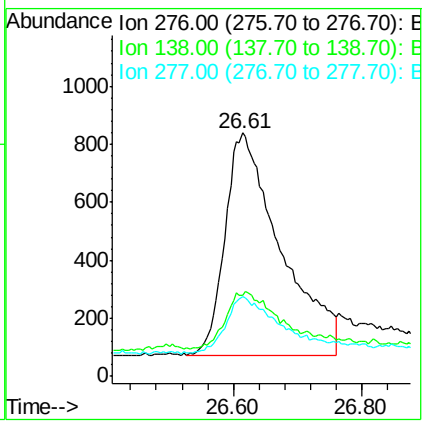


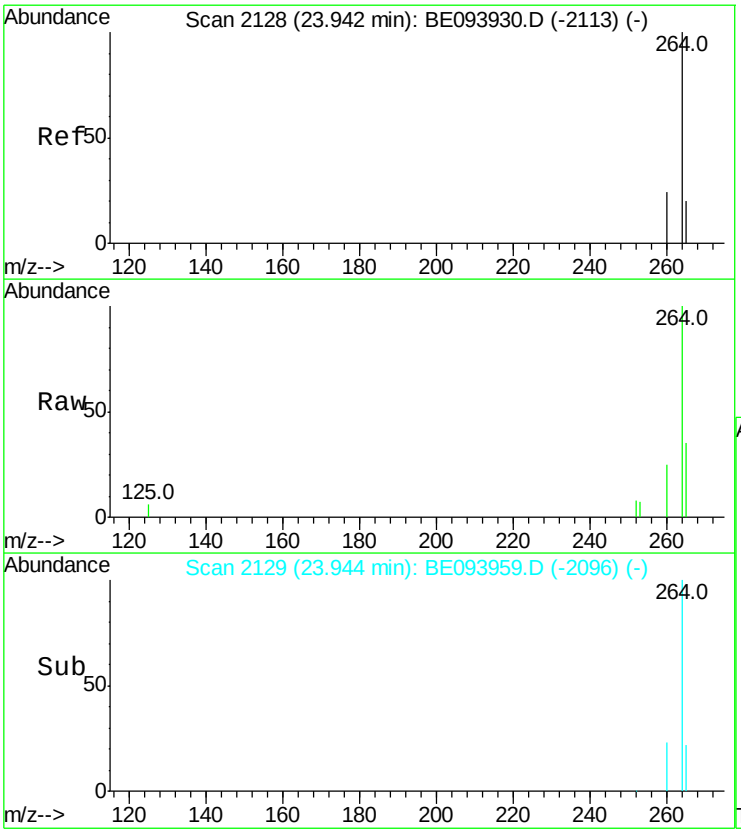
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.130 ng
RT: 26.61 min Scan# 2712
Delta R.T. 0.01 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:276 Resp: 4621

Ion	Ratio	Lower	Upper
276	100		
138	22.3	22.2	33.2
277	23.7	19.5	29.3

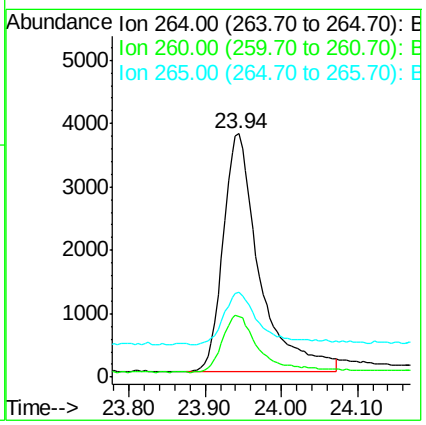


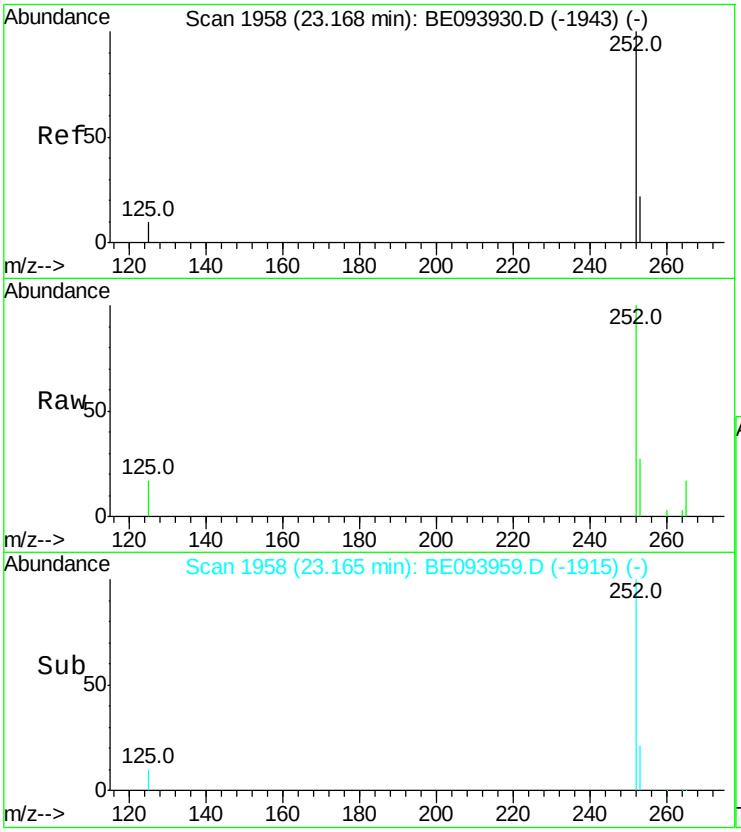


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:264 Resp: 12443

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	34.7	24.0	36.0



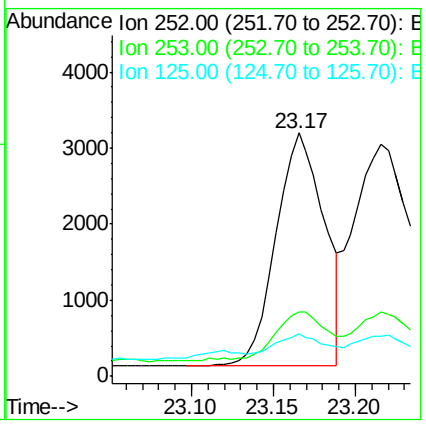


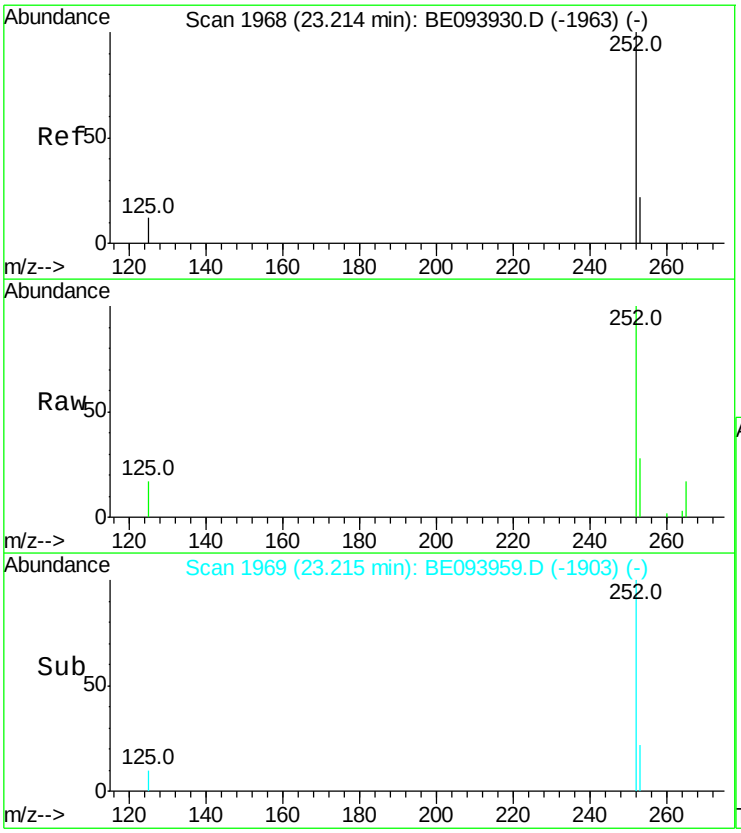
#35
Benzo(b)fluoranthene
Concen: 0.158 ng
RT: 23.17 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:252 Resp: 6245

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.4	29.0
125	17.3	10.0	15.0#

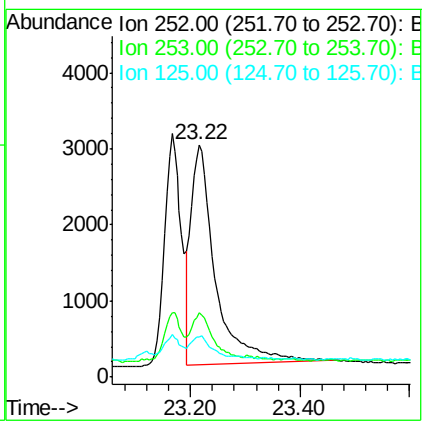


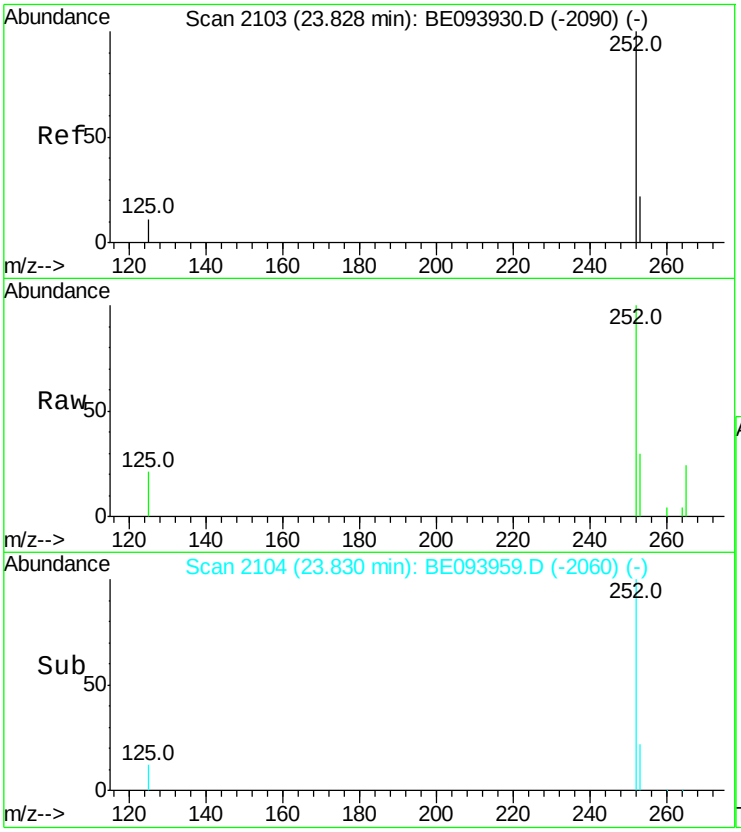


#36
Benzo(k)fluoranthene
Concen: 0.182 ng
RT: 23.22 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:252 Resp: 8836

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.1	27.1#
125	17.0	9.8	14.6#



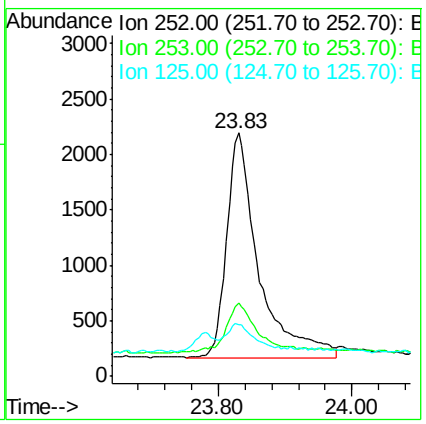


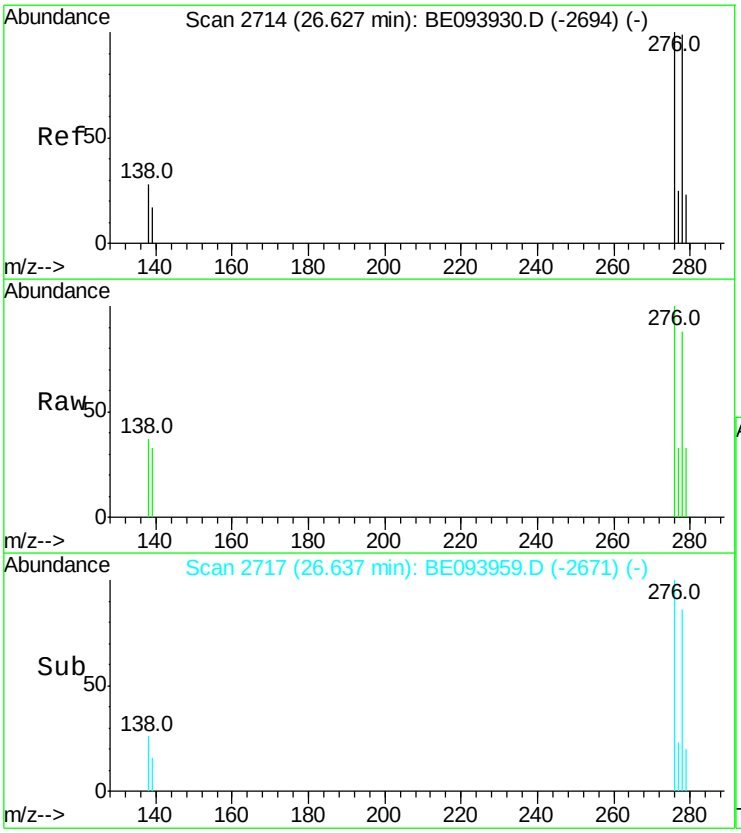
#37
Benzo(a)pyrene
Concen: 0.166 ng
RT: 23.83 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:252 Resp: 6712

Ion	Ratio	Lower	Upper
252	100		
253	30.0	19.6	29.4#
125	21.2	11.8	17.8#

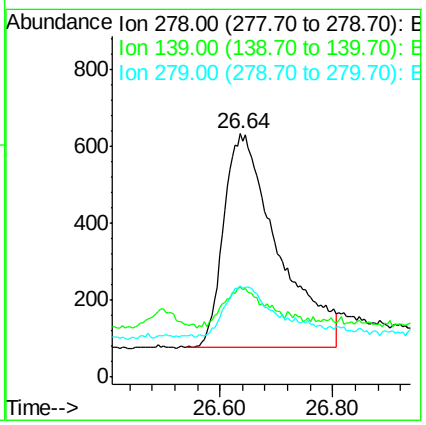


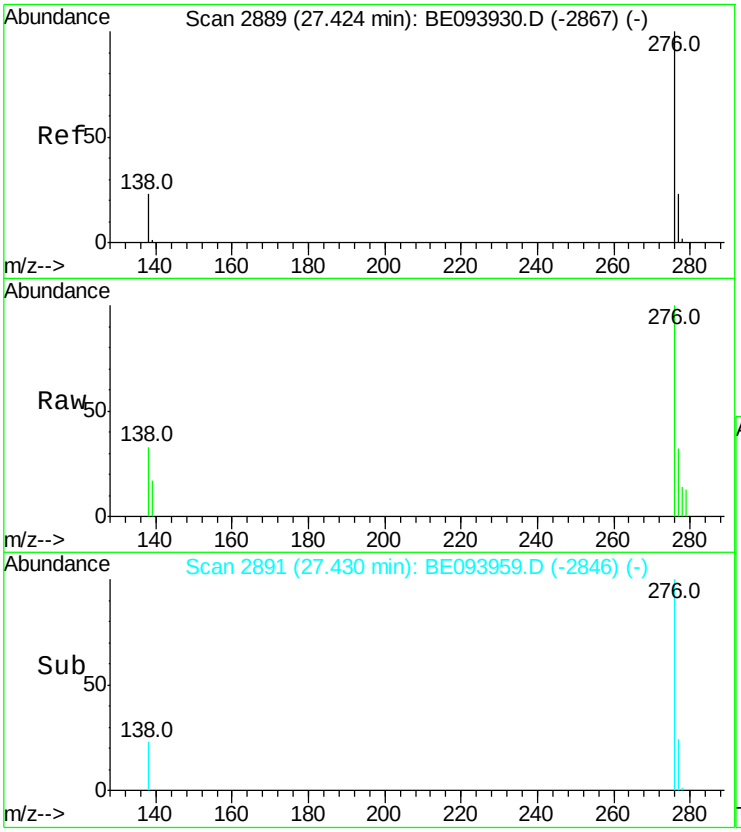


#38
Dibenzo(a,h)anthracene
Concen: 0.137 ng
RT: 26.64 min Scan# 2717
Delta R.T. 0.01 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:278 Resp: 3672

Ion	Ratio	Lower	Upper
278	100		
139	37.1	16.7	25.1#
279	37.6	21.6	32.4#





#39
Benzo(g,h,i)perylene
Concen: 0.158 ng
RT: 27.43 min Scan# 2891
Delta R.T. 0.01 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Instrument :
BNA_E
ClientSampleId :
PB102153BS

Tgt Ion:276 Resp: 4451

Ion	Ratio	Lower	Upper
276	100		
277	32.1	20.6	30.8#
138	33.2	21.9	32.9#