Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\

Quantitation Report (Not Reviewed)

Data File : BE093386.D
Acq On : 1 Jul 2017 11:08
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DFTPP

Quant Time: Jul 03 05:09:07 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 15:43:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	2784	0.40	ng		-0.01
7) Naphthalene-d8	10.74	136	13578	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	8079	0.40	ng		-0.02
19) Phenanthrene-d10	17.27	188	33027	0.40	ng		0.00
27) Chrysene-d12	21.43	240	35718	0.40	ng		-0.01
34) Perylene-d12	23.94	264	32363	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	3350	0.39	ng		0.00
5) Phenol-d6	7.10	99	4738	0.37	ng		0.00
8) Nitrobenzene-d5	9.08	82	3108	0.38	ng		-0.02
11) 2-Methylnaphthalene-d10	12.31	152	8302	0.38	ng		0.00
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
15) 2-Fluorobiphenyl	13.18	172	13109	0.41	ng		0.00
25) Fluoranthene-d10	19.29	212	120822	0.40	ng		0.00
29) Terphenyl-d14	19.88	244	25702	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	2227	0.39	ng		94
3) n-Nitrosodimethylamine	3.76	42	1132	0.39	ng	#	93
6) bis(2-Chloroethyl)ether	7.36	93	3617	0.40	ng	#	98
9) Naphthalene	10.77	128	55407	0.39	ng	#	73
10) Hexachlorobutadiene	11.08	225	2319	0.41	ng		97
12) 2-Methylnaphthalene	12.39	142	9173	0.38	ng		99
16) Acenaphthylene	14.26	152	13052	0.37	ng	#	87
17) Acenaphthene	14.61	154	9710	0.39	ng		99
18) Fluorene	15.59	166	13748	0.40	ng	#	86
20) 4-Bromophenyl-phenylether	16.45	248	4148	0.54	ng	#	60
21) Hexachlorobenzene	16.58	284	6040	0.48	ng	#	100
22) Pentachlorophenol	16.91	266	528	0.42	ng	#	82
23) Phenanthrene	17.30	178	36328	0.45	ng		98
24) Anthracene	17.40	178	27282	0.34	ng		96
26) Fluoranthene	19.32	202	34311	0.40	ng		99
28) Pyrene	19.68	202	35299	0.37	ng	#	99
30) Benzo(a)anthracene	21.42	228	36725	0.38	ng		95
31) Chrysene	21.47	228	40085	0.39	ng		96
32) Bis(2-ethylhexyl)phthalate	21.34	149	47082	0.33	ng	#	67
33) Indeno(1,2,3-cd)pyrene	26.59	276	40022	0.40	ng	#	90
35) Benzo(b)fluoranthene	23.17	252	39275	0.39	ng	#	94
36) Benzo(k)fluoranthene	23.22	252	39399	0.39	ng	#	94
37) Benzo(a)pyrene	23.83	252	34273	0.38	ng	#	92
38) Dibenzo(a,h)anthracene	26.62	278	35516	0.39	ng	#	88
39) Benzo(g,h,i)perylene	27.41	276	36612	0.39	ng	#	88

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

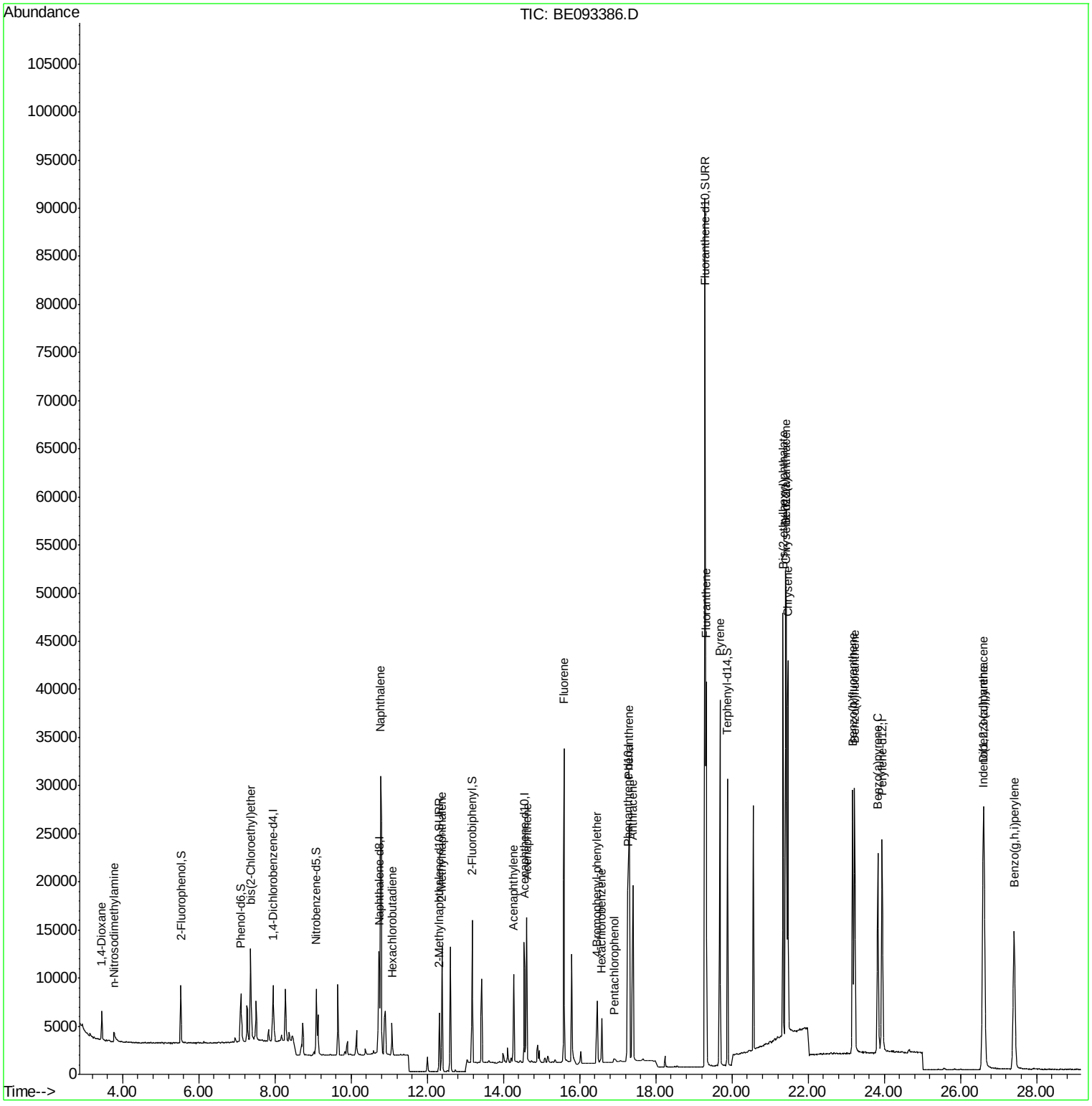
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\

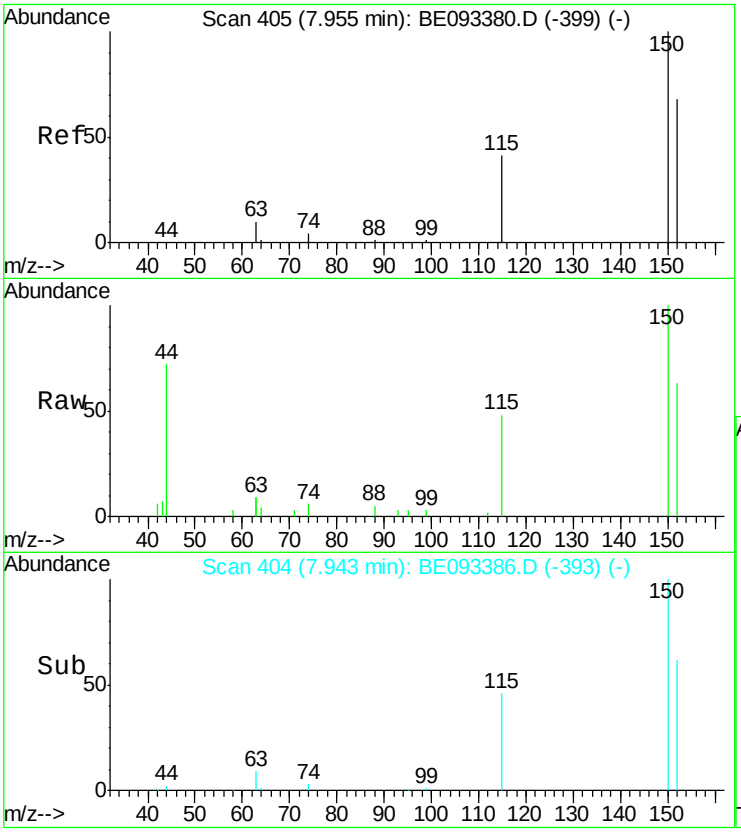
Quantitation Report (Not Reviewed)

Data File : BE093386.D
Acq On : 1 Jul 2017 11:08
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DFTPP

Quant Time: Jul 03 05:09:07 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 15:43:24 2017
Response via : Initial Calibration



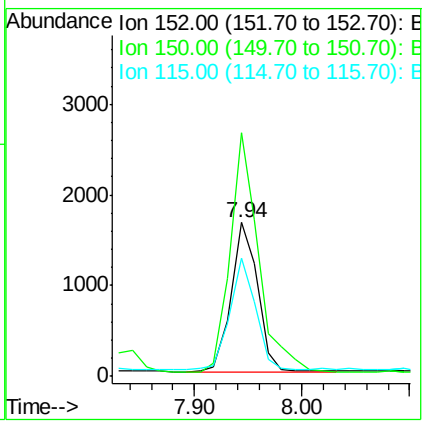


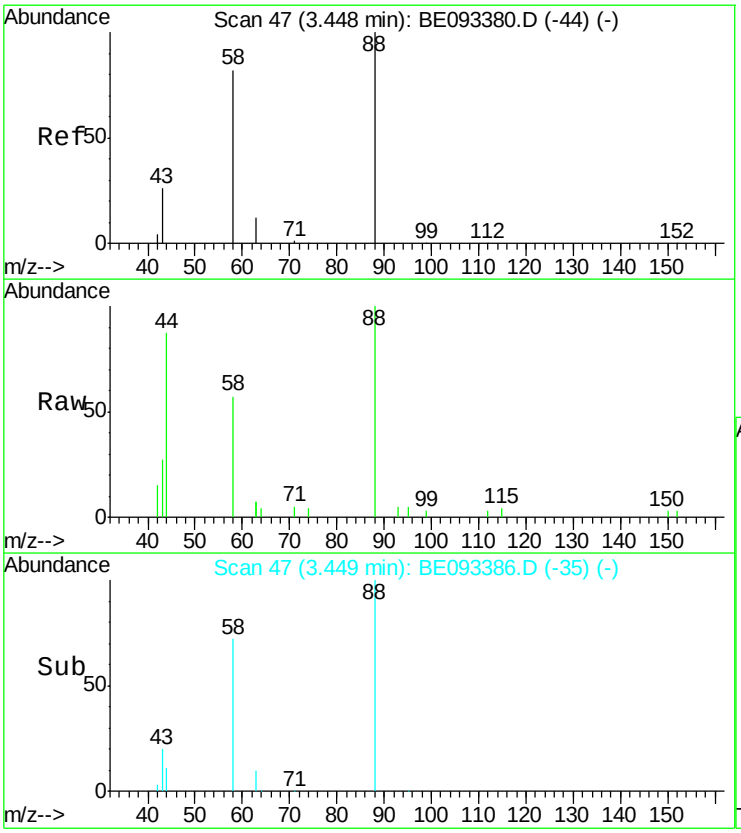
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 2784

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.1	187.7
115	76.9	55.7	83.5

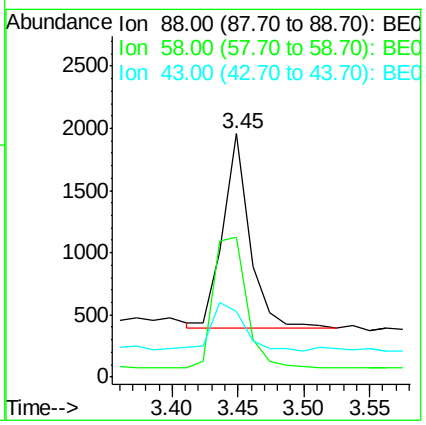


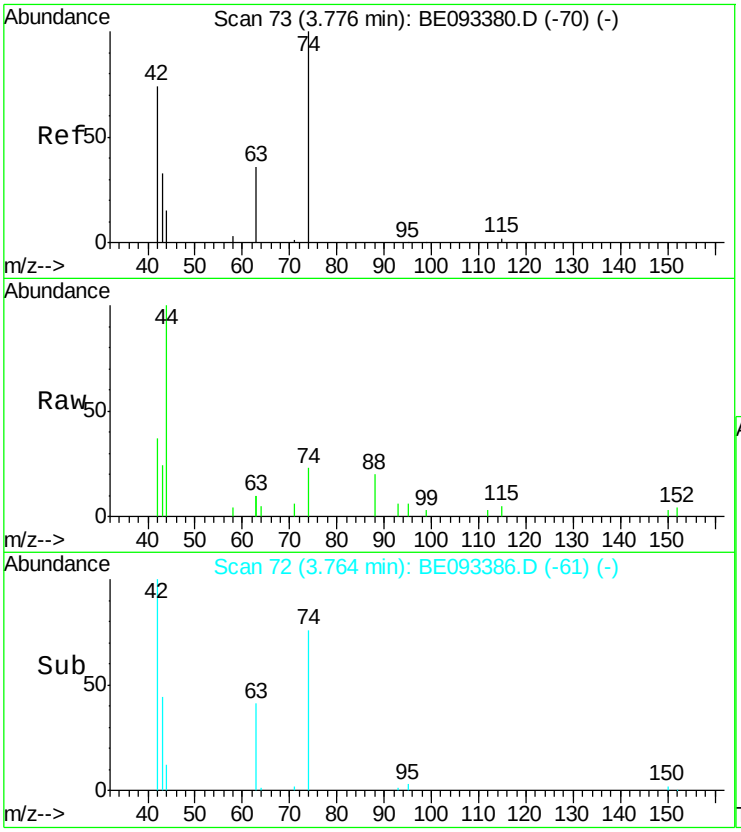


#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion: 88 Resp: 2227

Ion	Ratio	Lower	Upper
88	100		
58	83.2	62.2	93.4
43	31.3	23.2	34.8



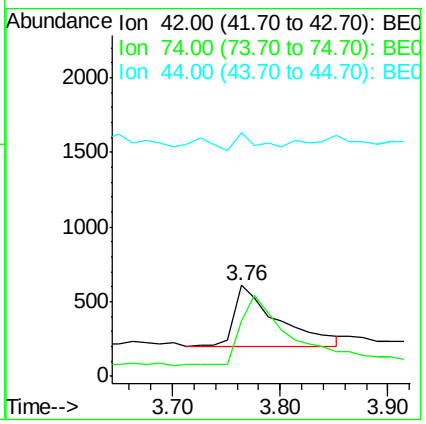


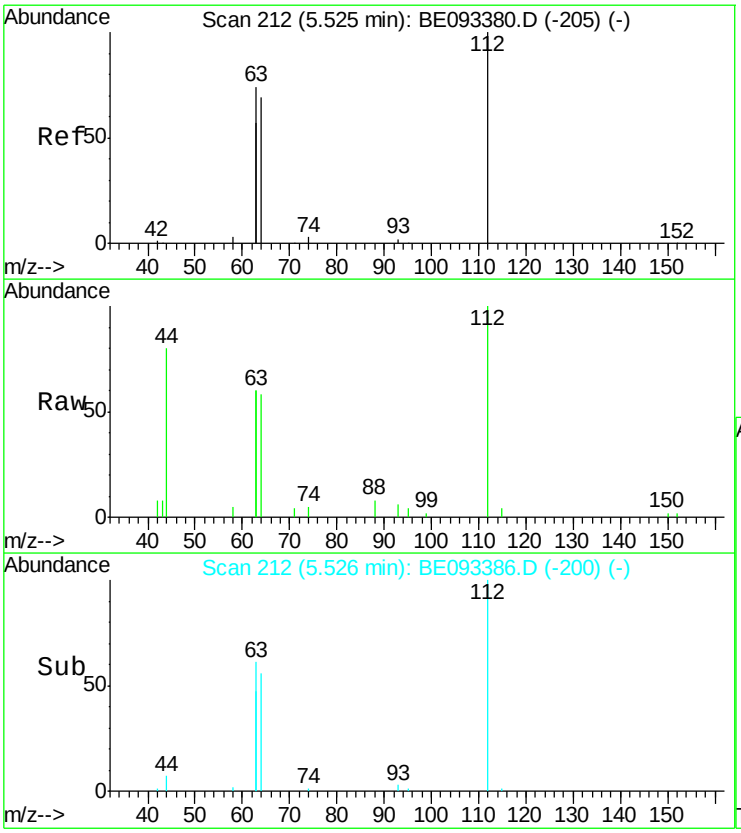
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.76 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 42 Resp: 1132

Ion	Ratio	Lower	Upper
42	100		
74	130.8	99.1	148.7
44	14.6	7.4	11.2#

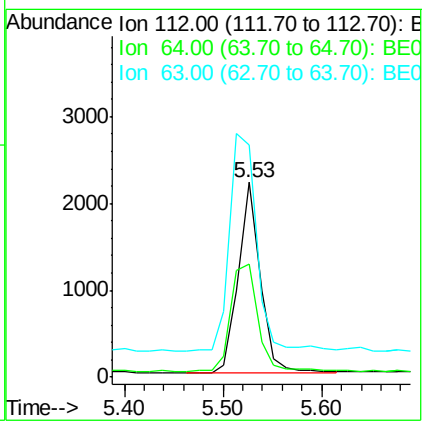


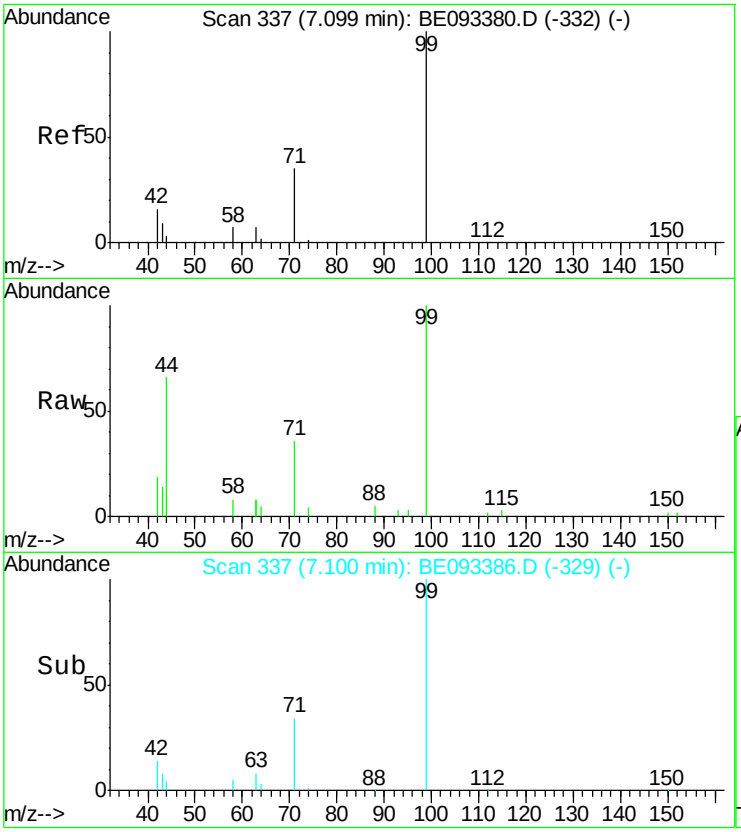


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:112 Resp: 3350

Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.4	84.6
63	141.8	29.3	43.9#



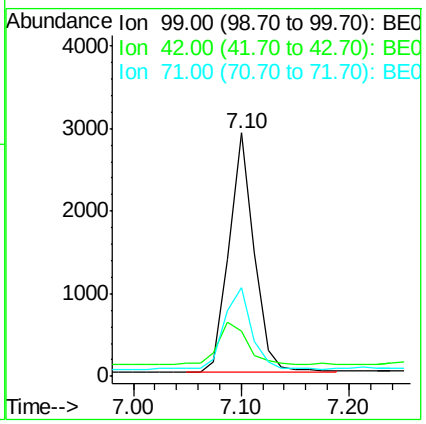


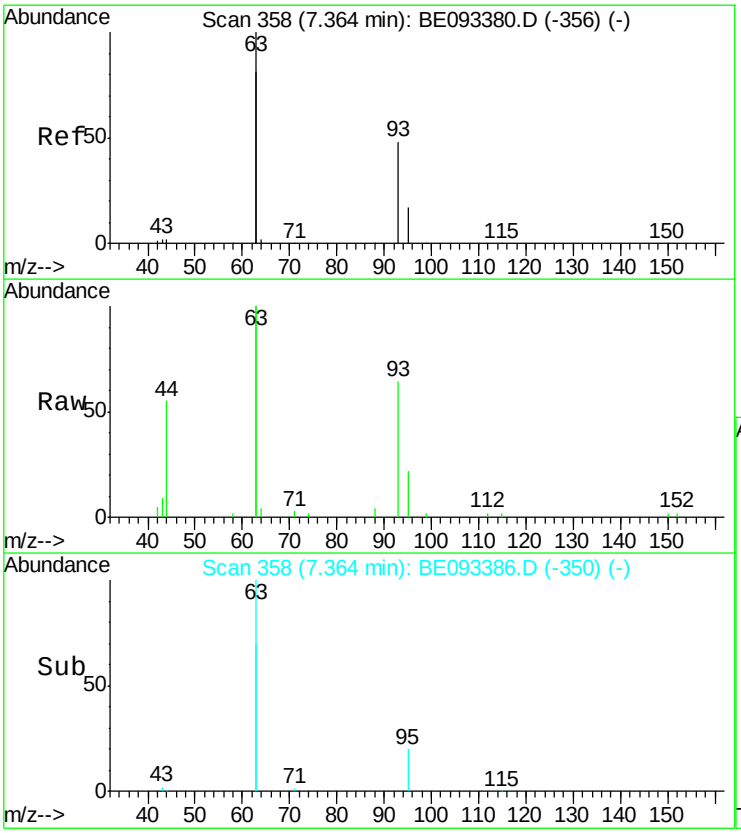
#5
Phenol-d6
Concen: 0.37 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 4738

Ion	Ratio	Lower	Upper
99	100		
42	20.1	0.0	0.0#
71	36.4	0.0	0.0#

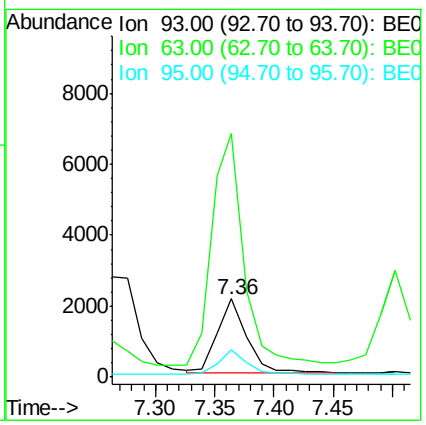


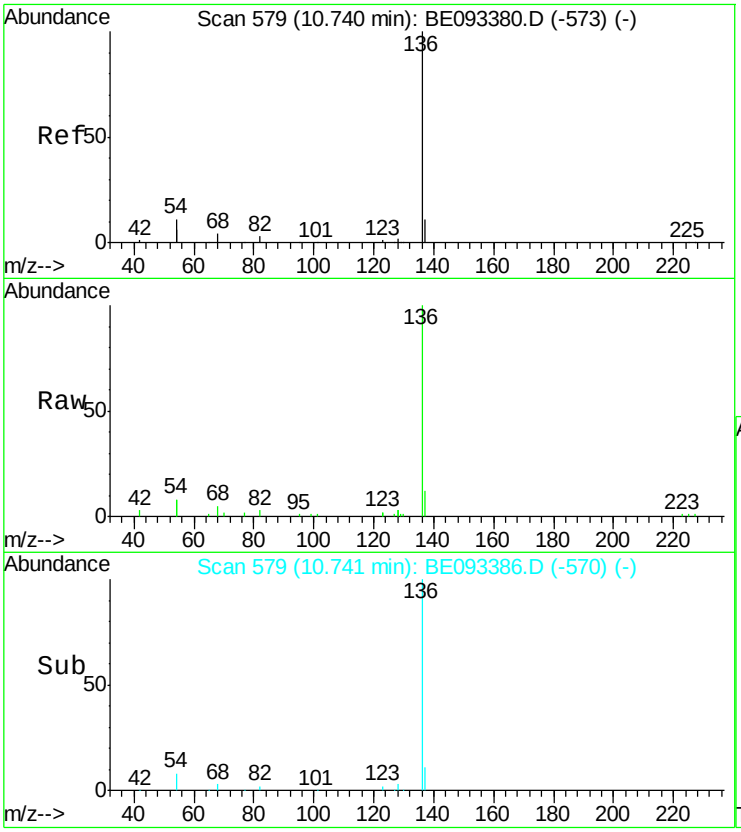


#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.36 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion: 93 Resp: 3617

Ion	Ratio	Lower	Upper
93	100		
63	337.5	0.0	0.0#
95	32.8	25.4	38.0



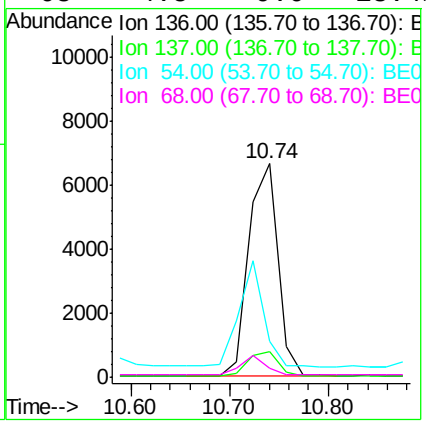


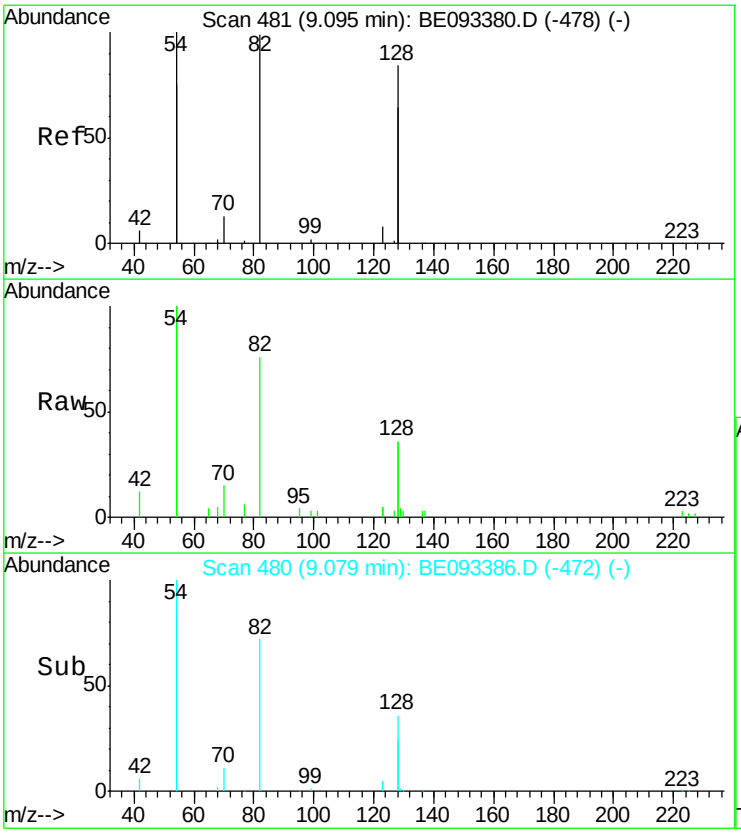
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:136 Resp: 13578

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	16.7	10.3	15.5#
68	4.5	9.0	13.4#

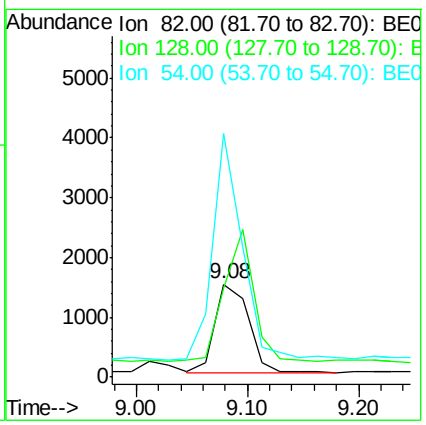


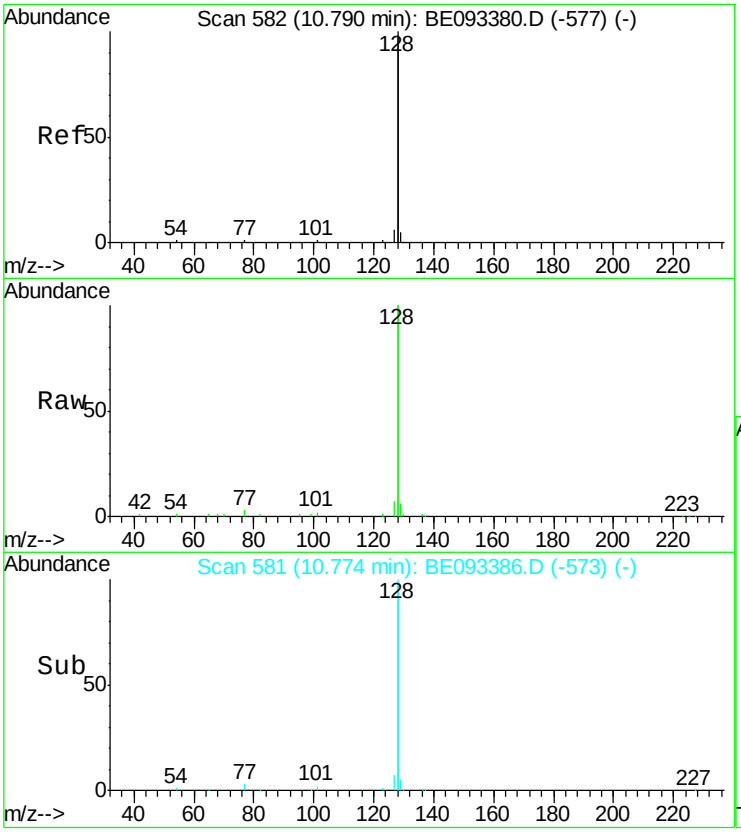


#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.02 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion: 82 Resp: 3108

Ion	Ratio	Lower	Upper
82	100		
128	95.3	17.0	25.4#
54	262.2	53.8	80.6#



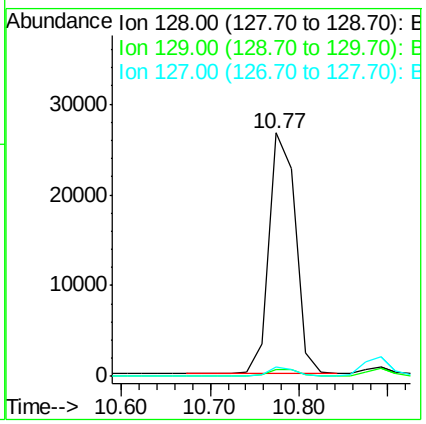


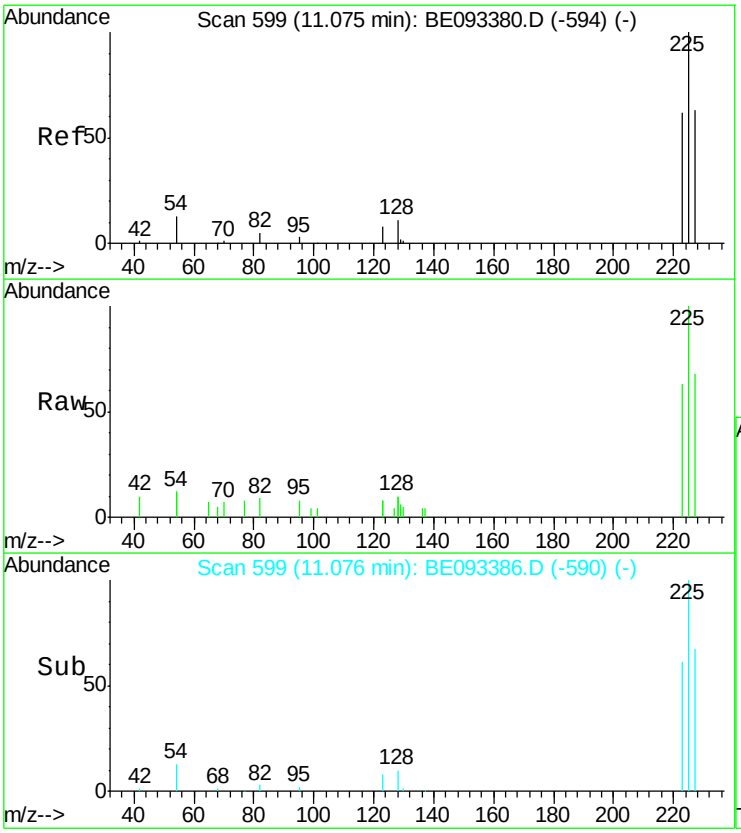
#9
Naphthalene
Concen: 0.39 ng
RT: 10.77 min Scan# 581
Delta R.T. -0.02 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:128 Resp: 55407

Ion	Ratio	Lower	Upper
128	100		
129	2.8	11.4	17.0#
127	3.7	11.2	16.8#

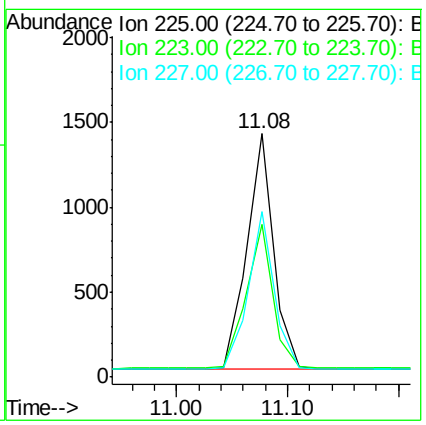


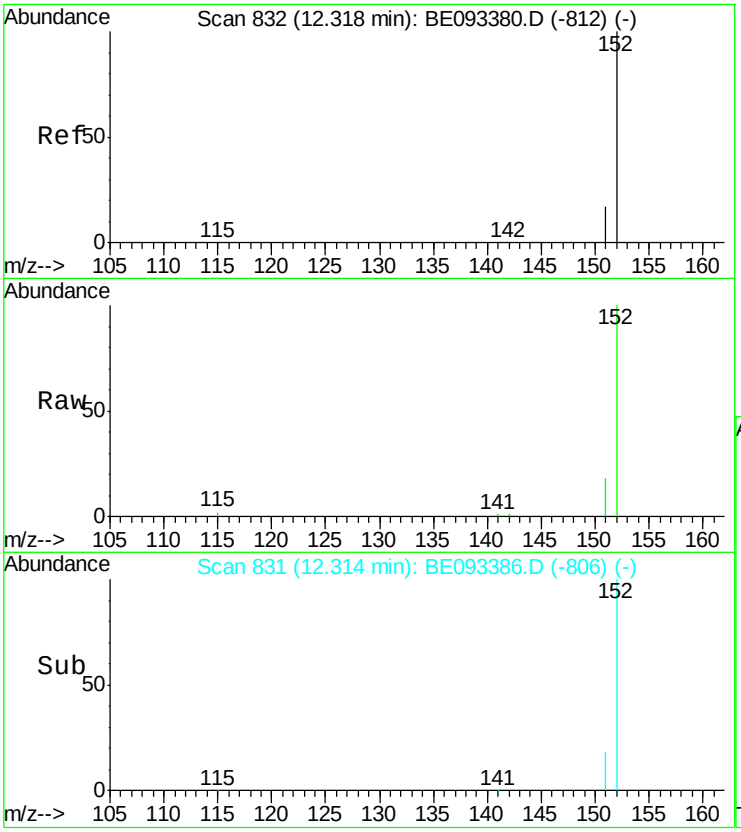


#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 11.08 min Scan# 599
Delta R.T. 0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:225 Resp: 2319

Ion	Ratio	Lower	Upper
225	100		
223	59.9	49.7	74.5
227	65.2	50.3	75.5



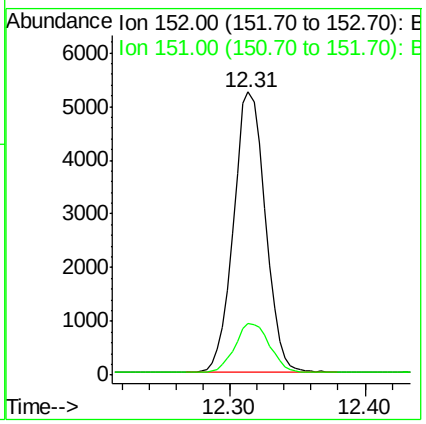


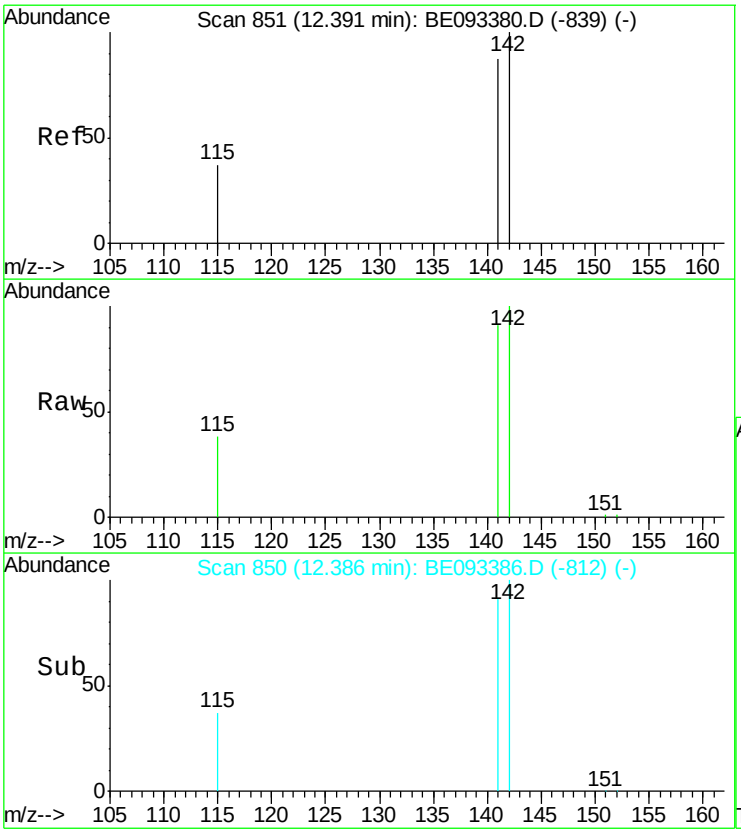
#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.31 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 8302

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

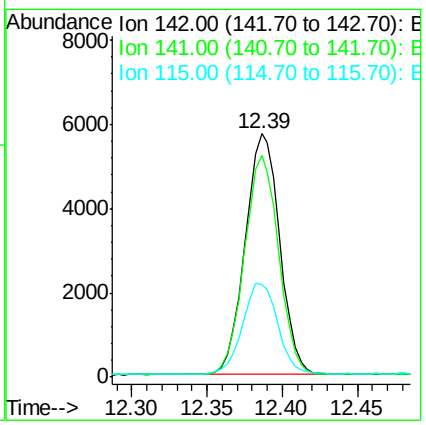


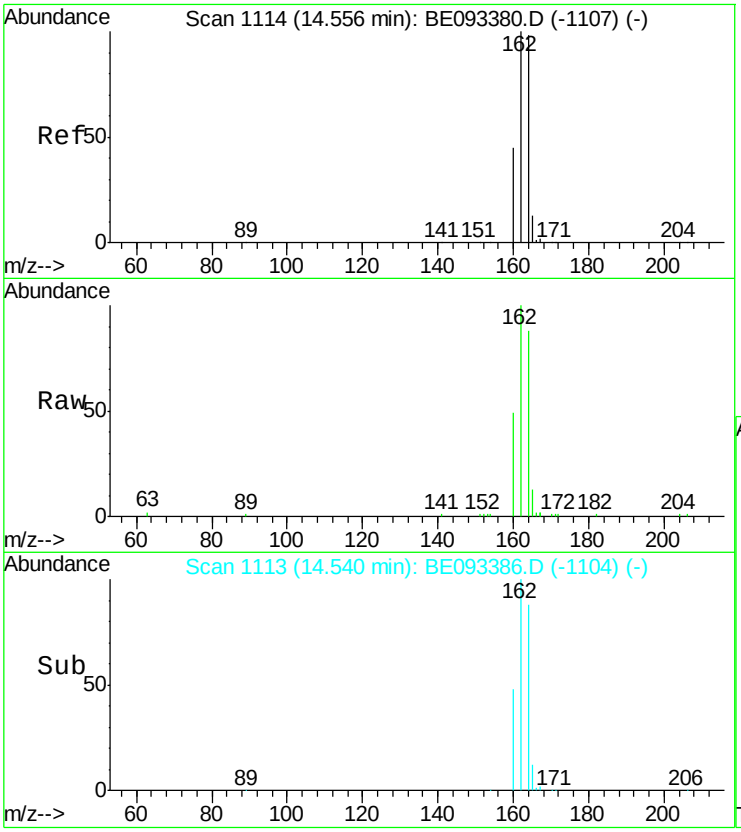


#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.39 min Scan# 850
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:142 Resp: 9173

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.6	108.8
115	38.2	32.2	48.2



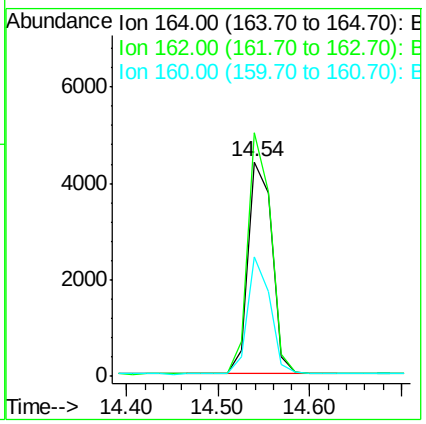


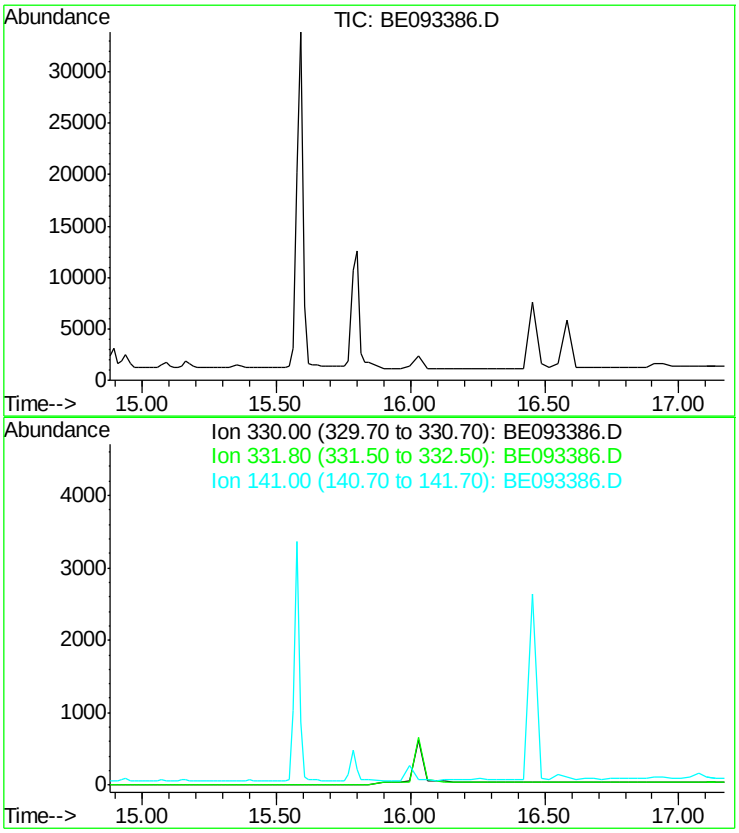
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 8079

Ion	Ratio	Lower	Upper
164	100		
162	113.5	84.6	127.0
160	55.5	41.8	62.6



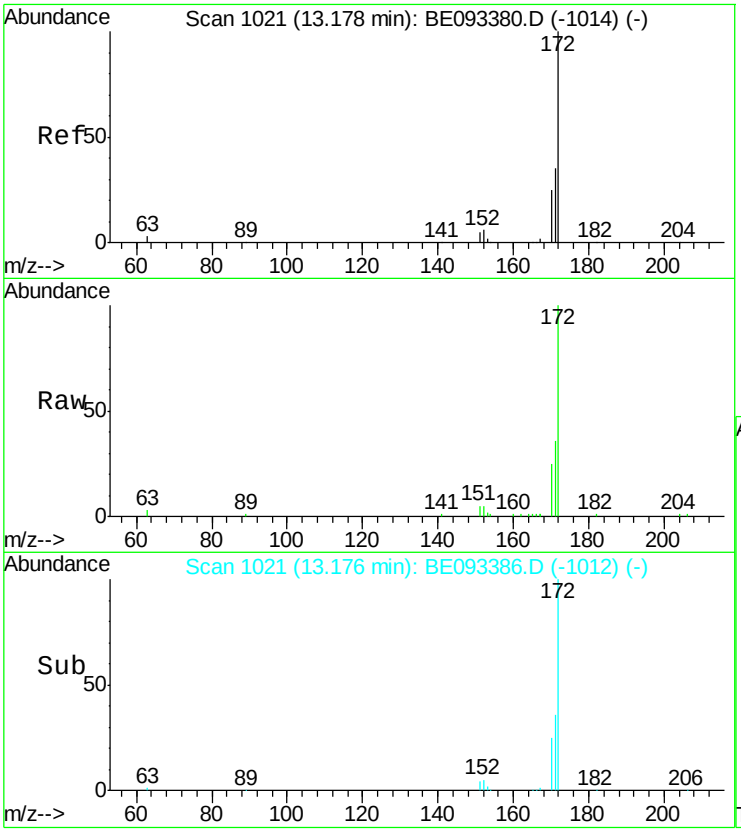


#14
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.03 min

Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.1
141	70.3

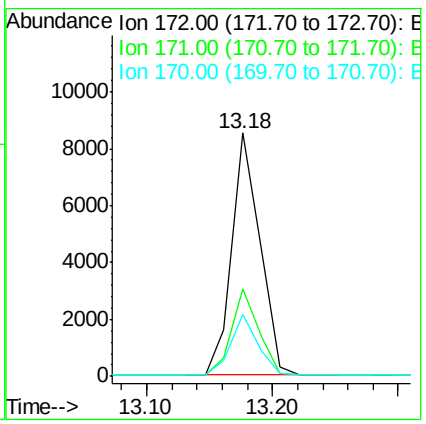


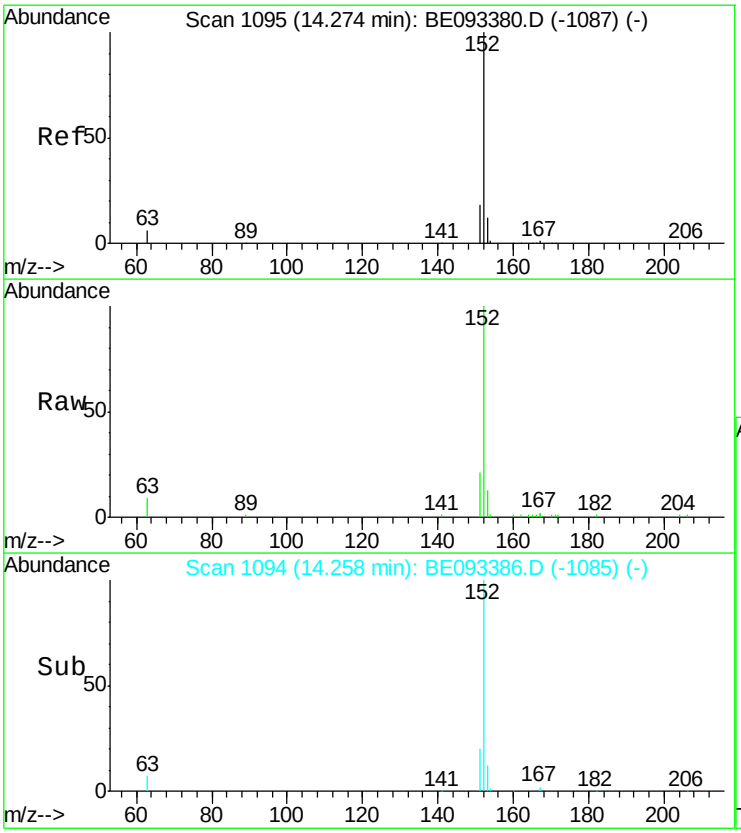
#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 13109

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	25.4	20.7	31.1

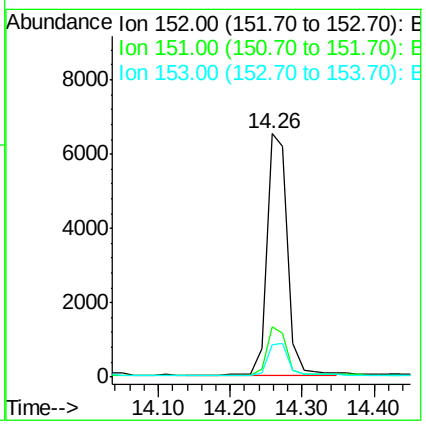


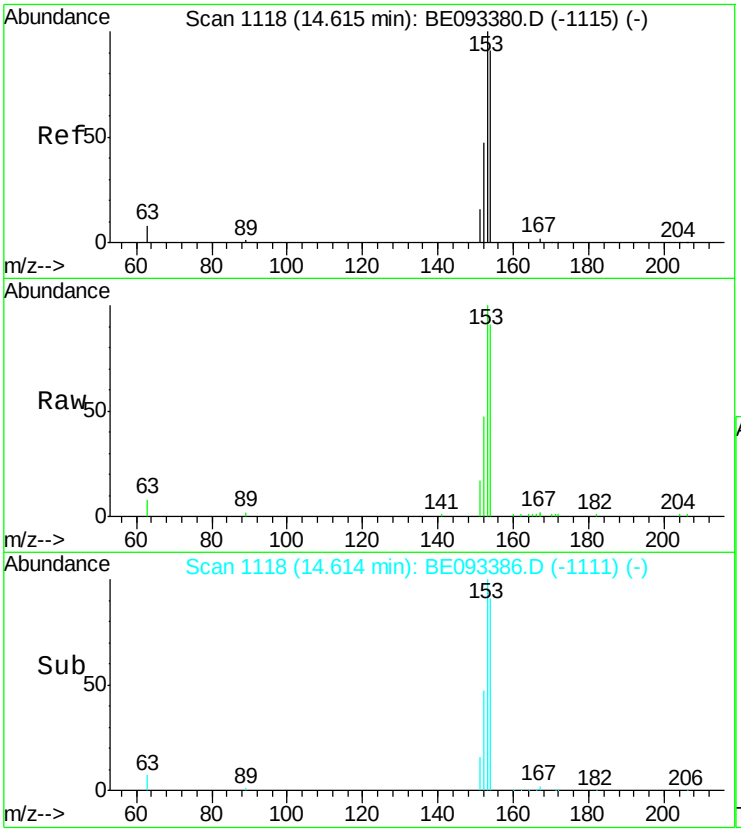


#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:152 Resp: 13052

Ion	Ratio	Lower	Upper
152	100		
151	19.7	4.0	6.0#
153	12.7	10.3	15.5



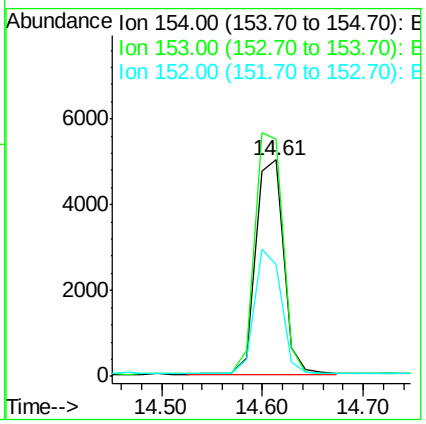


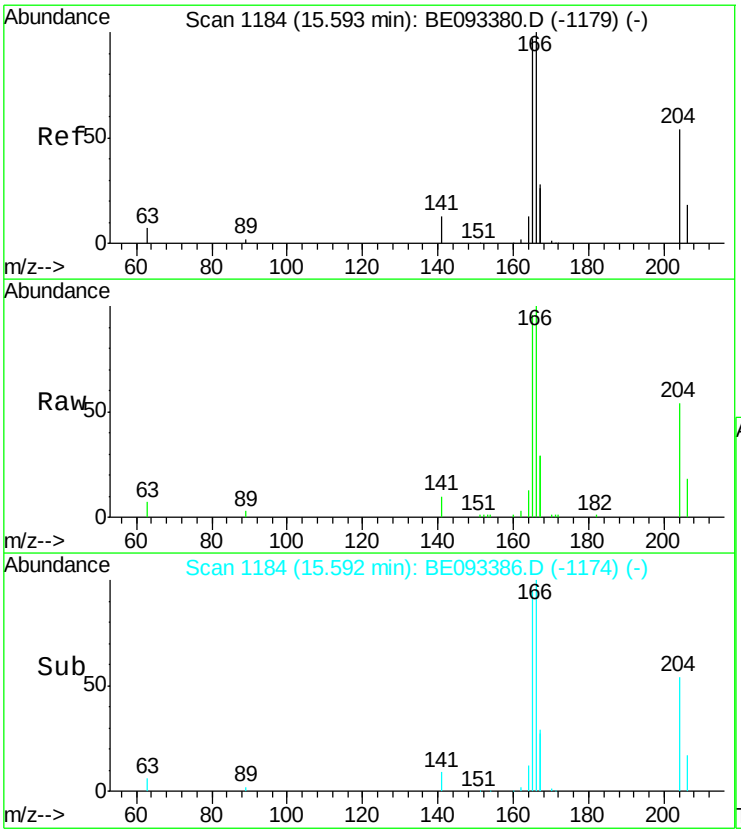
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.61 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:154 Resp: 9710

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	56.1	44.8	67.2

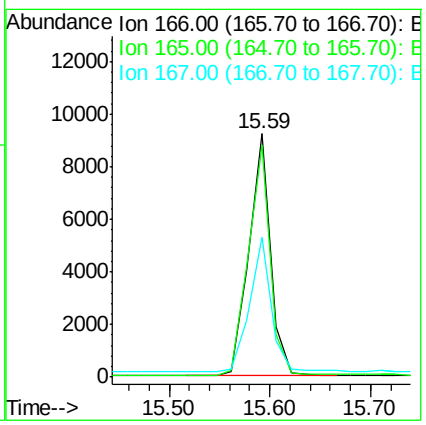


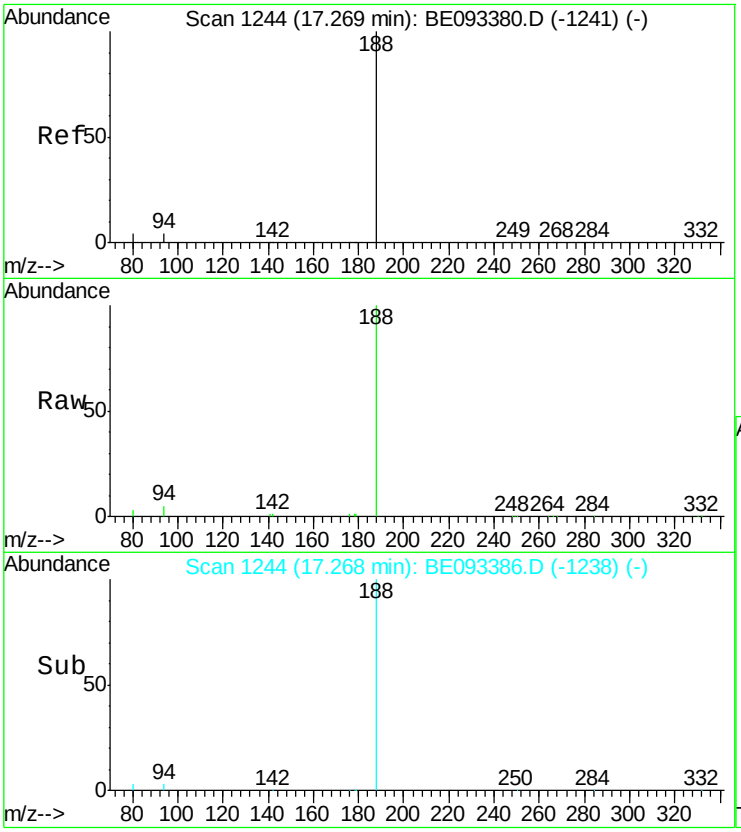


#18
Fluorene
Concen: 0.40 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:166 Resp: 13748

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.6	117.8
167	55.2	11.1	16.7#



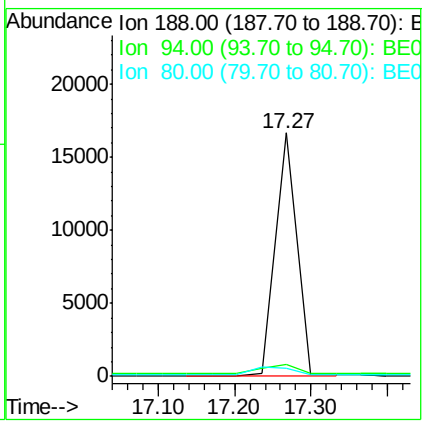


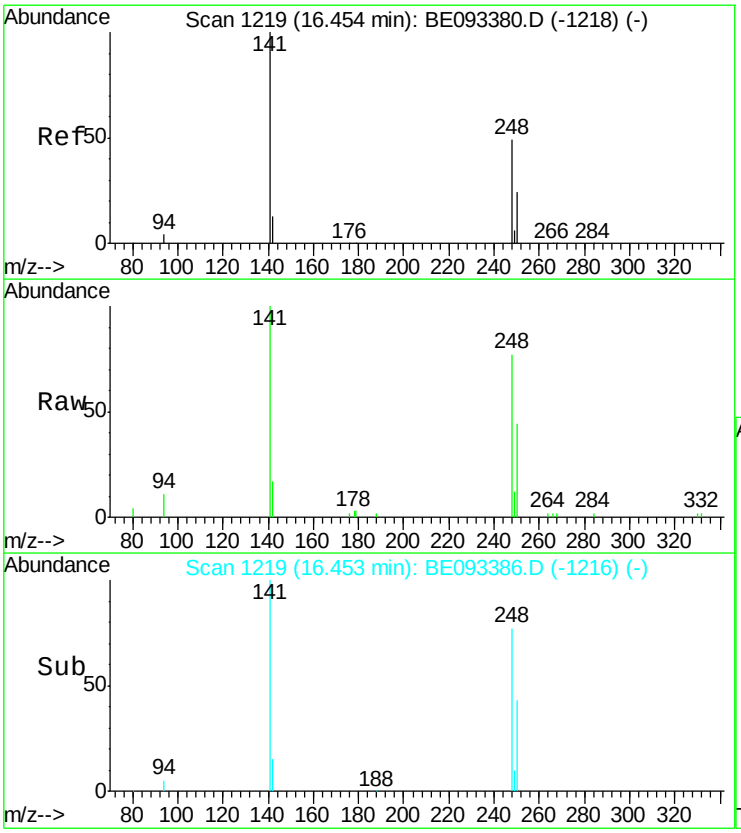
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 33027

Ion	Ratio	Lower	Upper
188	100		
94	4.6	11.3	16.9#
80	3.5	11.7	17.5#

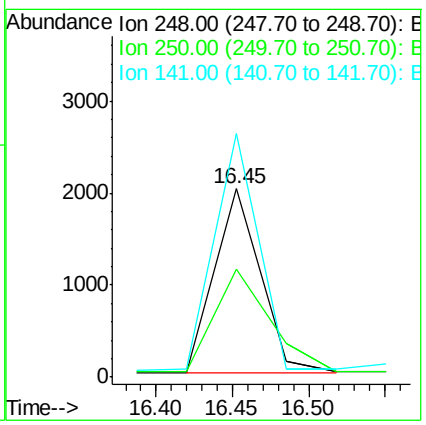


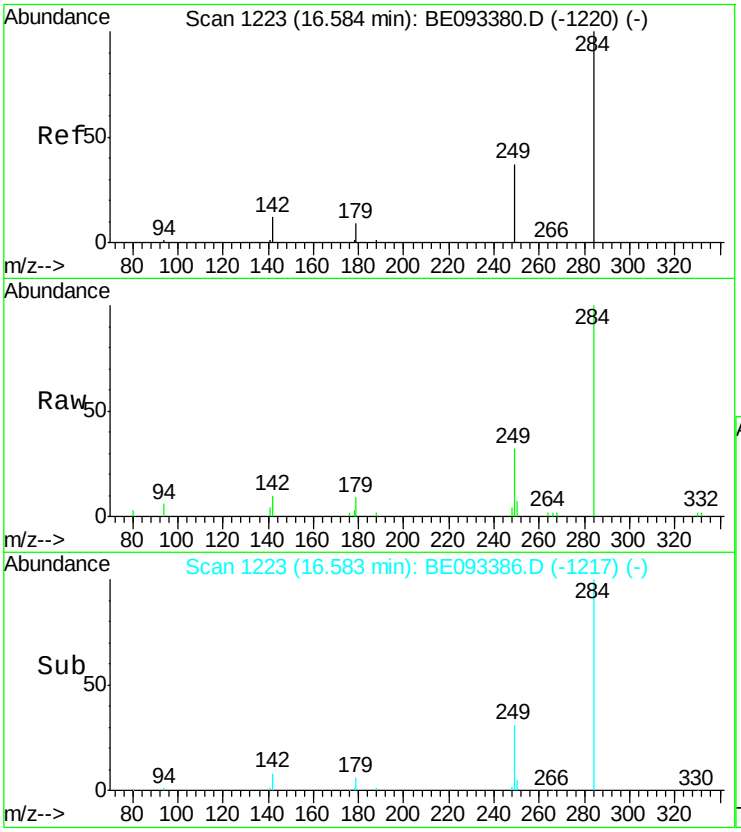


#20
4-Bromophenyl-phenylether
Concen: 0.54 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:248 Resp: 4148

Ion	Ratio	Lower	Upper
248	100		
250	57.2	40.8	61.2
141	129.5	161.6	242.4#



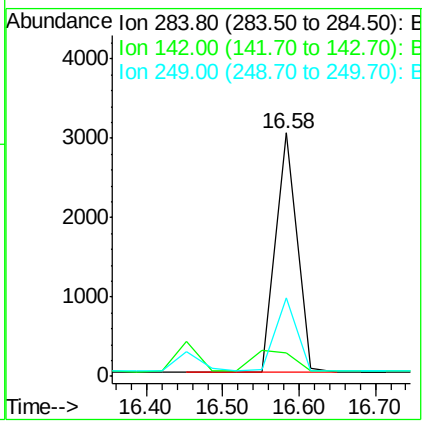


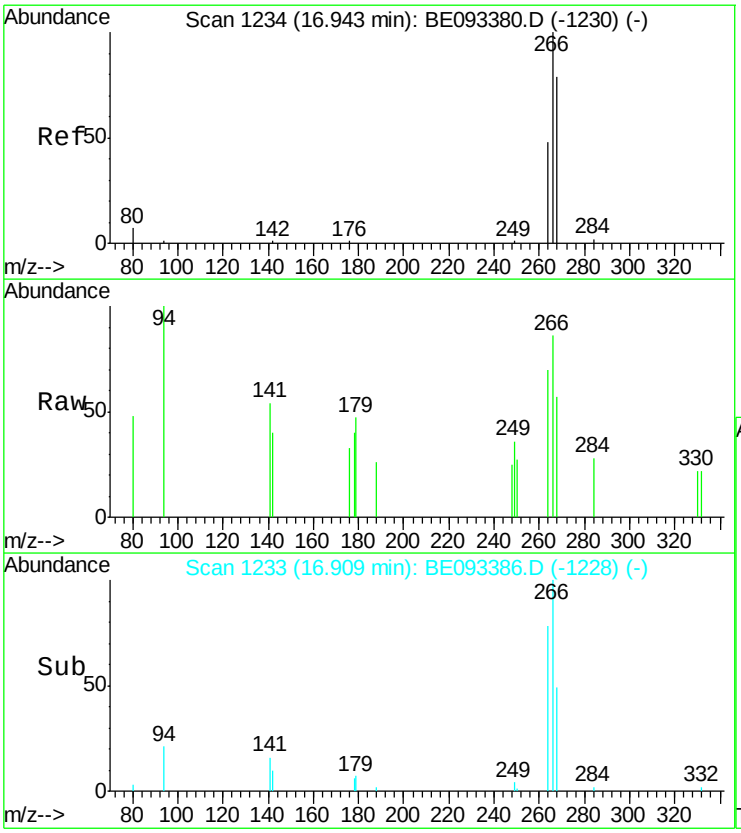
#21
Hexachlorobenzene
Concen: 0.48 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:284 Resp: 6040

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	30.4	0.0	0.0#

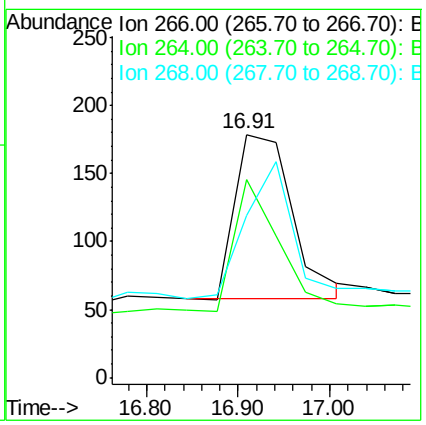


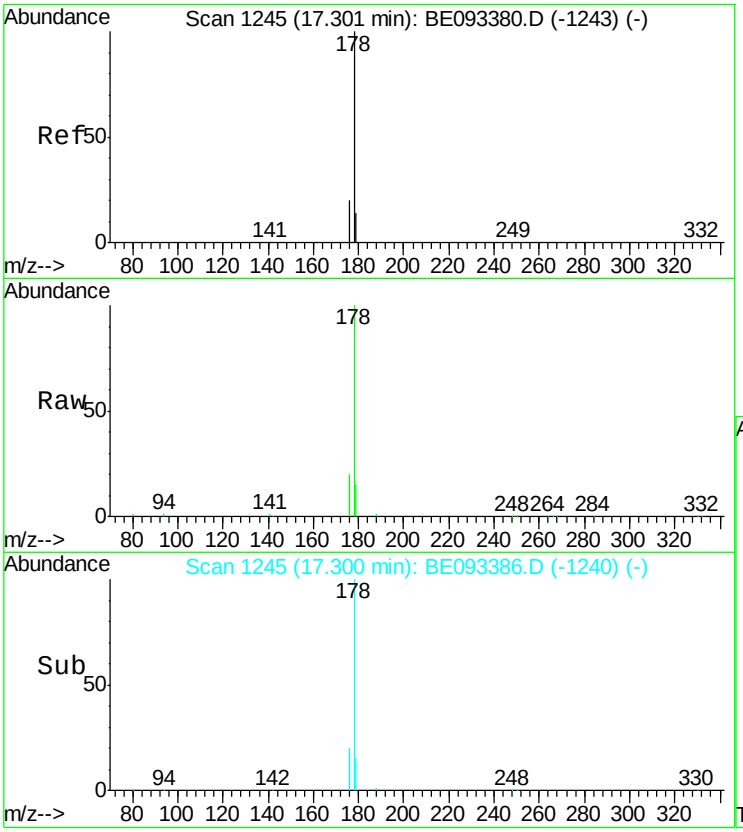


#22
Pentachlorophenol
Concen: 0.42 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:266 Resp: 528

Ion	Ratio	Lower	Upper
266	100		
264	81.6	58.2	87.2
268	66.5	71.9	107.9#



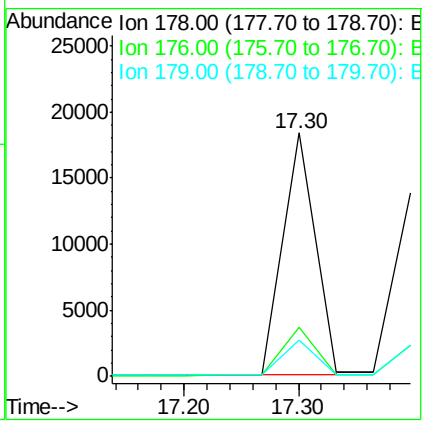


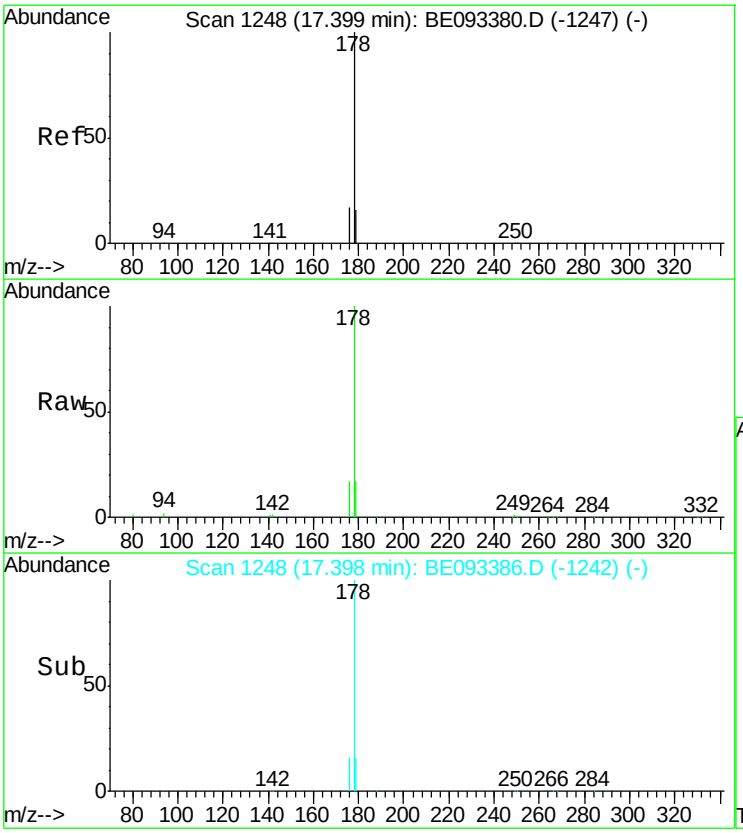
#23
Phenanthrene
Concen: 0.45 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 36328

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	14.9	12.7	19.1

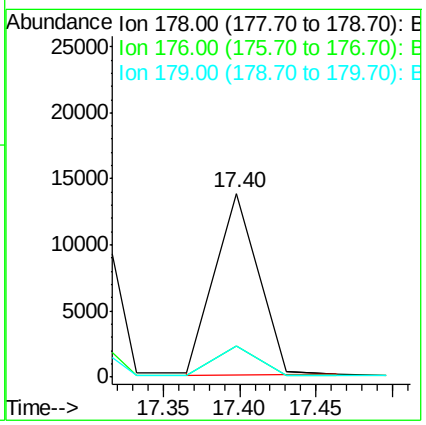


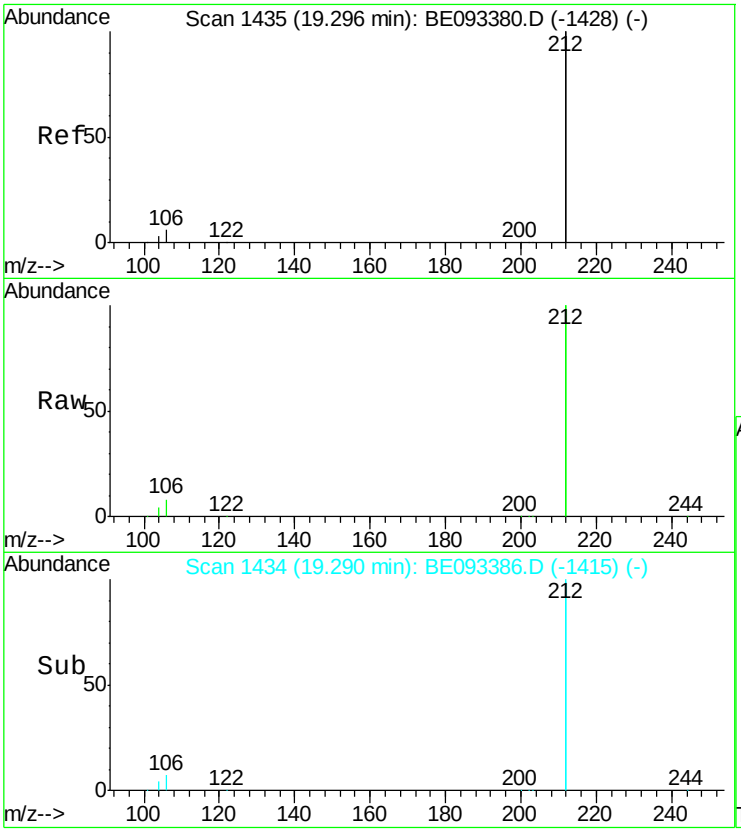


#24
Anthracene
Concen: 0.34 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:178 Resp: 27282

Ion	Ratio	Lower	Upper
178	100		
176	16.2	14.6	22.0
179	16.4	12.0	18.0



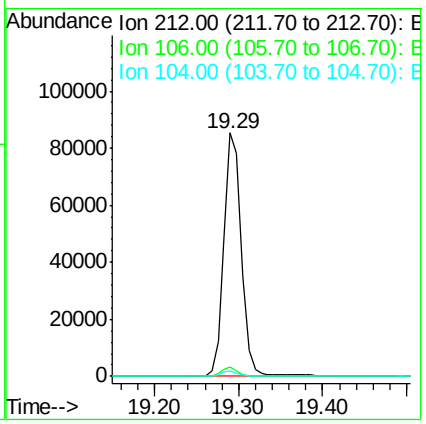


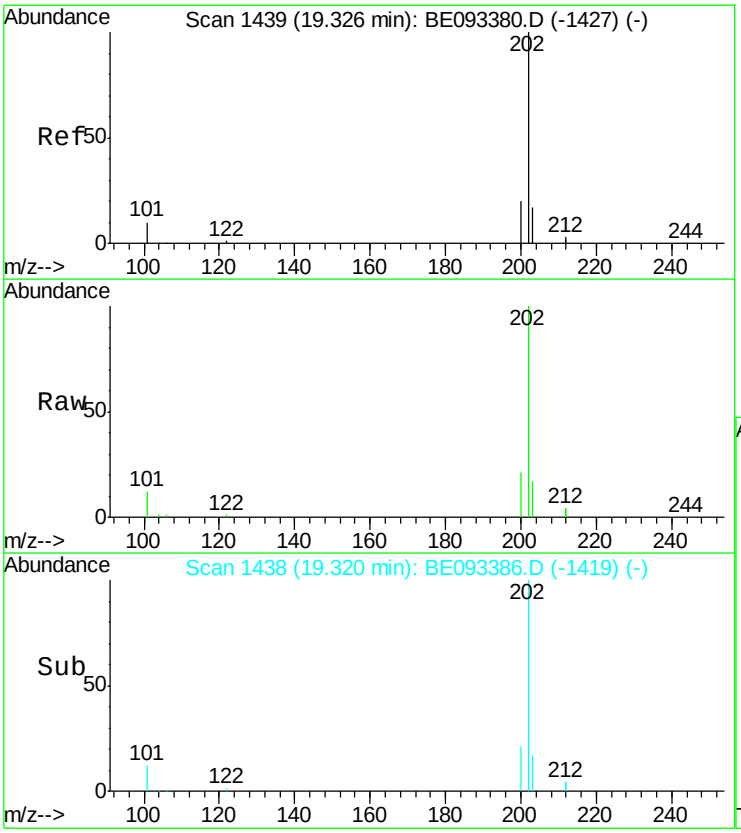
#25
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:212 Resp: 120822

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	2.1	1.6	2.4

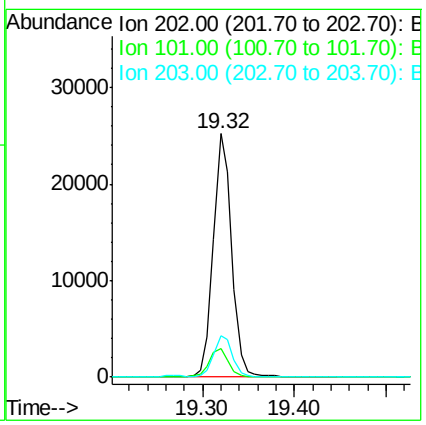


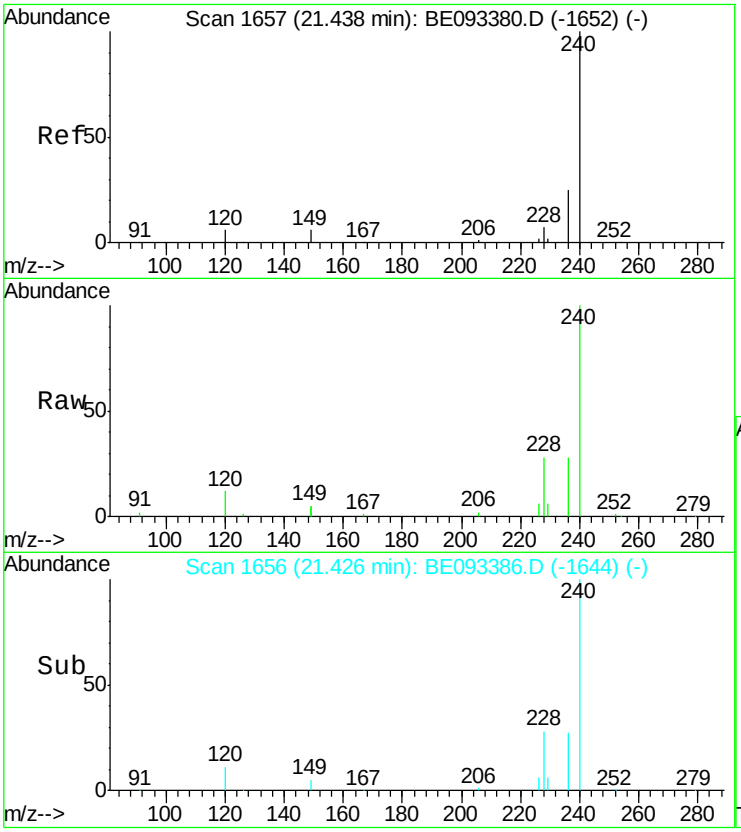


#26
Fluoranthene
Concen: 0.40 ng
RT: 19.32 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:202 Resp: 34311

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.3	14.4	21.6



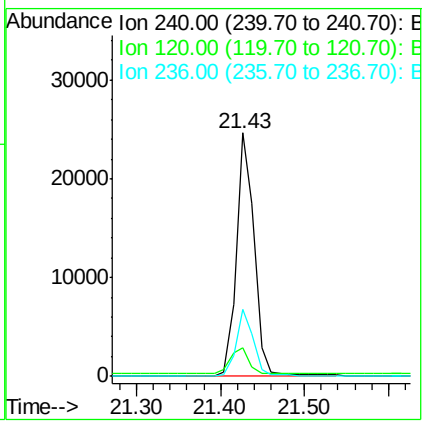


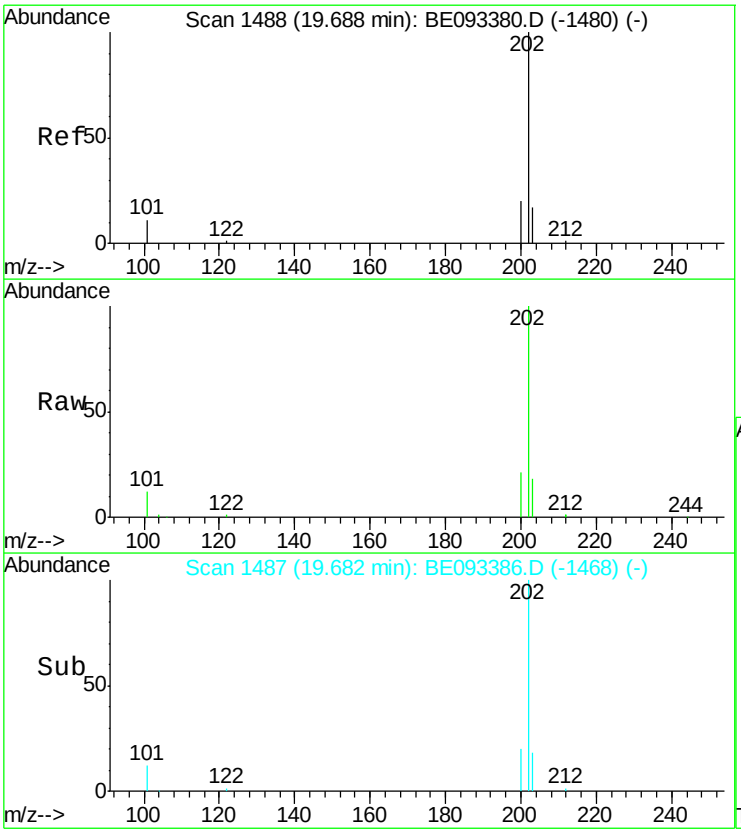
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 35718

Ion	Ratio	Lower	Upper
240	100		
120	12.0	4.6	7.0#
236	27.6	20.8	31.2

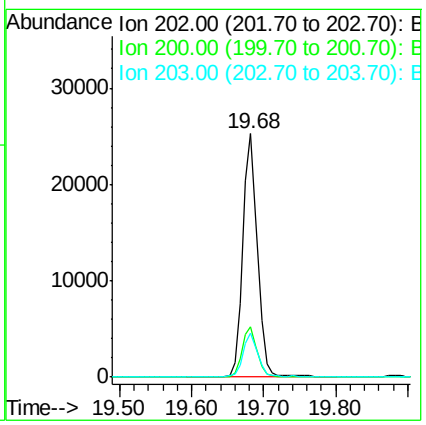


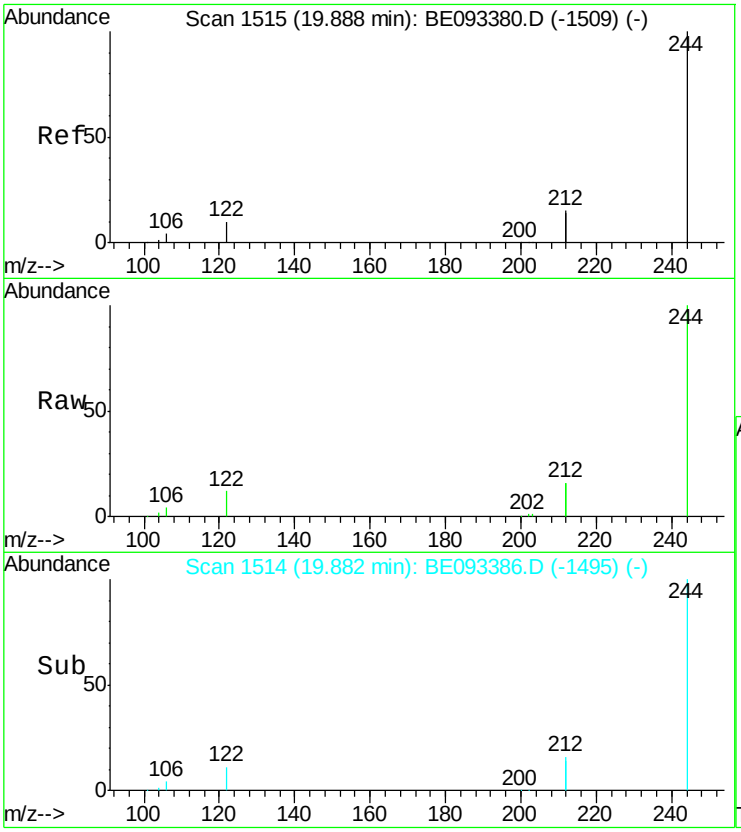


#28
Pyrene
Concen: 0.37 ng
RT: 19.68 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:202 Resp: 35299

Ion	Ratio	Lower	Upper
202	100		
200	20.9	0.0	0.0#
203	17.6	13.7	20.5



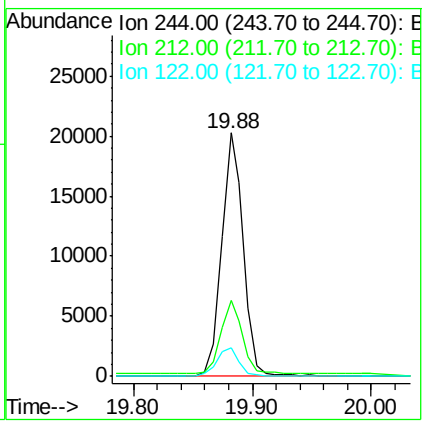


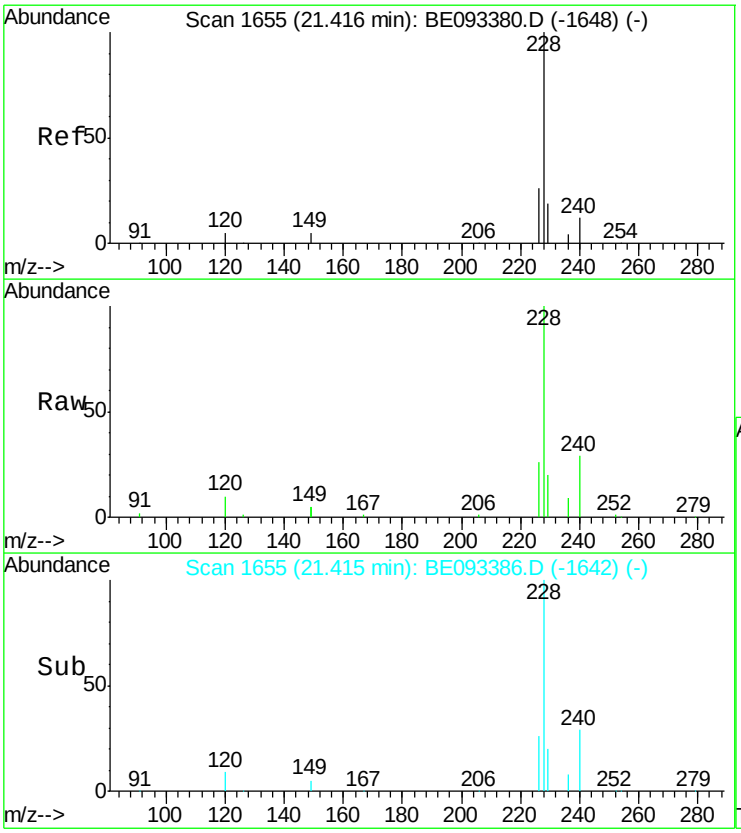
#29
Terphenyl-d14
Concen: 0.39 ng
RT: 19.88 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 25702

Ion	Ratio	Lower	Upper
244	100		
212	31.5	10.6	16.0#
122	11.8	15.4	23.0#

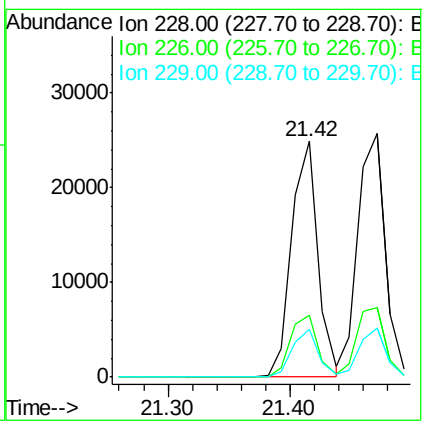


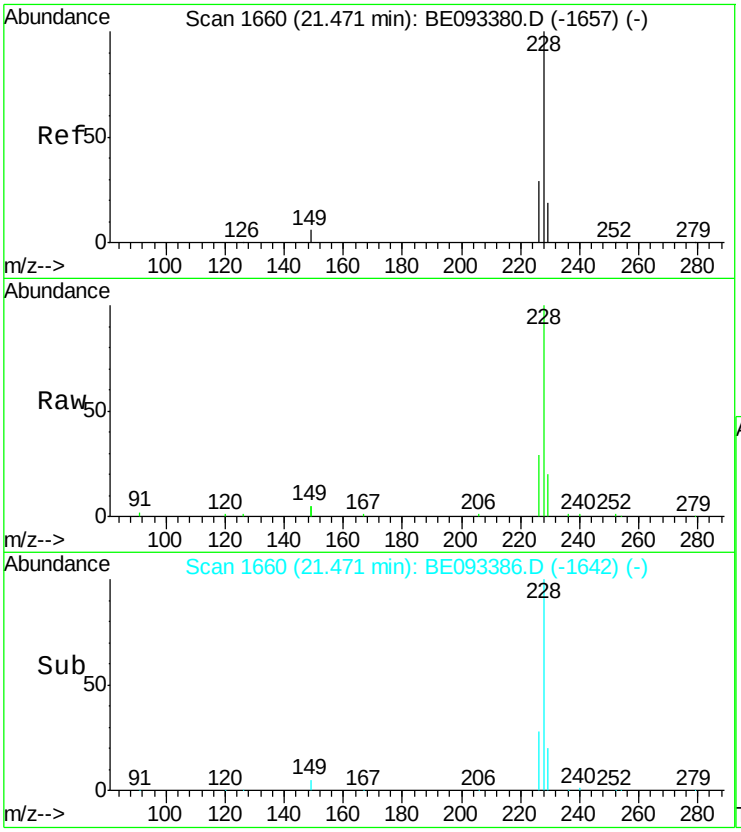


#30
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:228 Resp: 36725

Ion	Ratio	Lower	Upper
228	100		
226	26.1	19.7	29.5
229	20.3	19.2	28.8



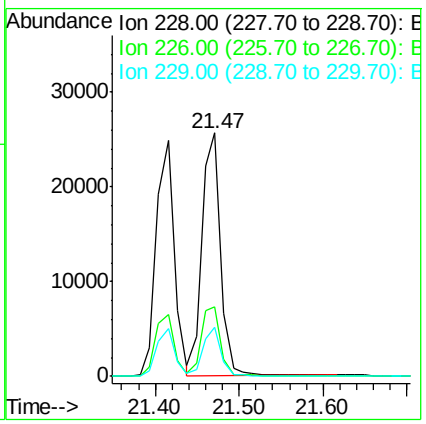


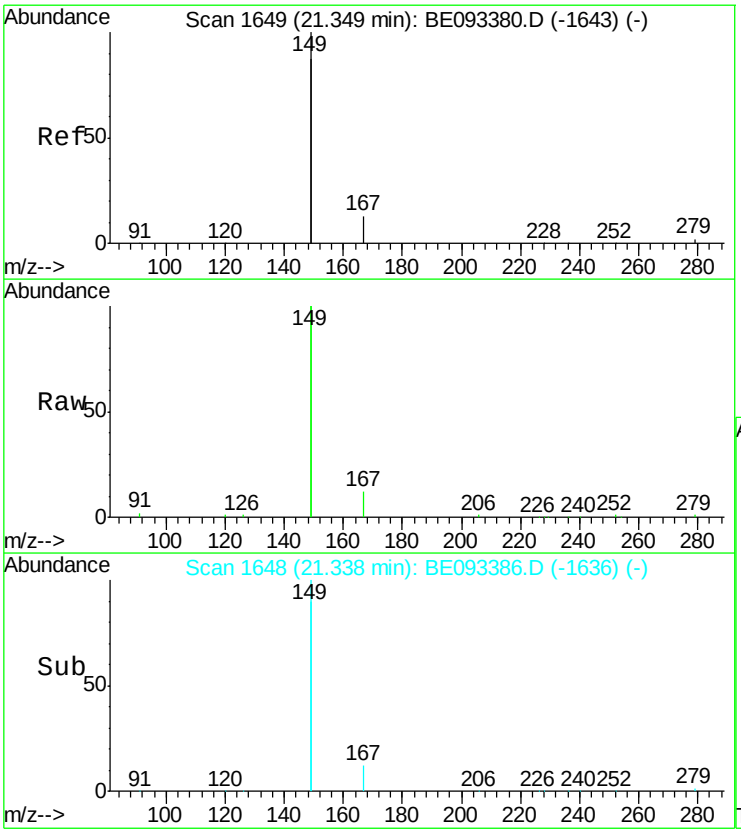
#31
Chrysene
Concen: 0.39 ng
RT: 21.47 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 40085

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.5	32.3
229	20.4	18.6	28.0

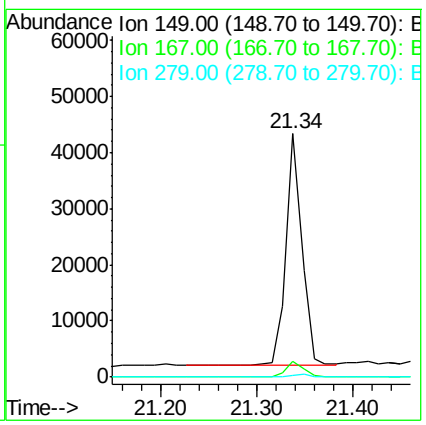


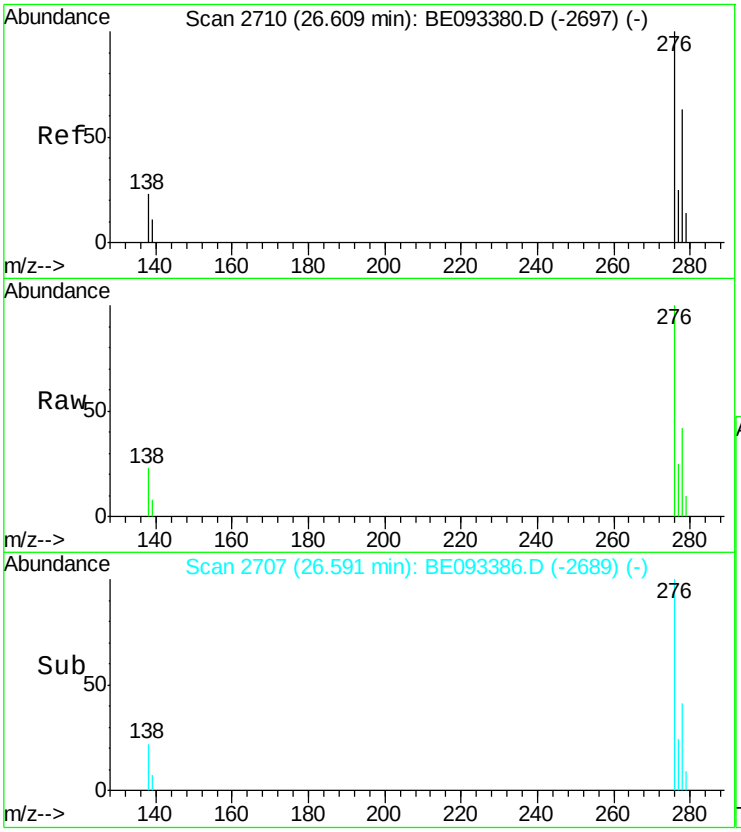


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.34 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:149 Resp: 47082

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	1.2	2.2	3.4#



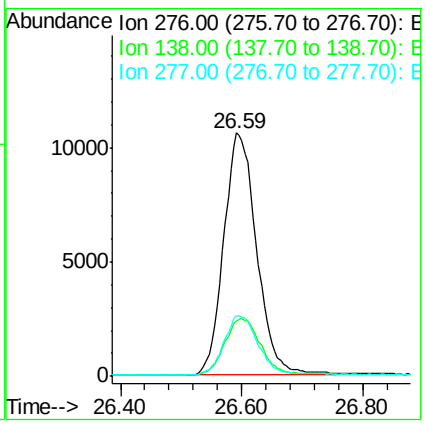


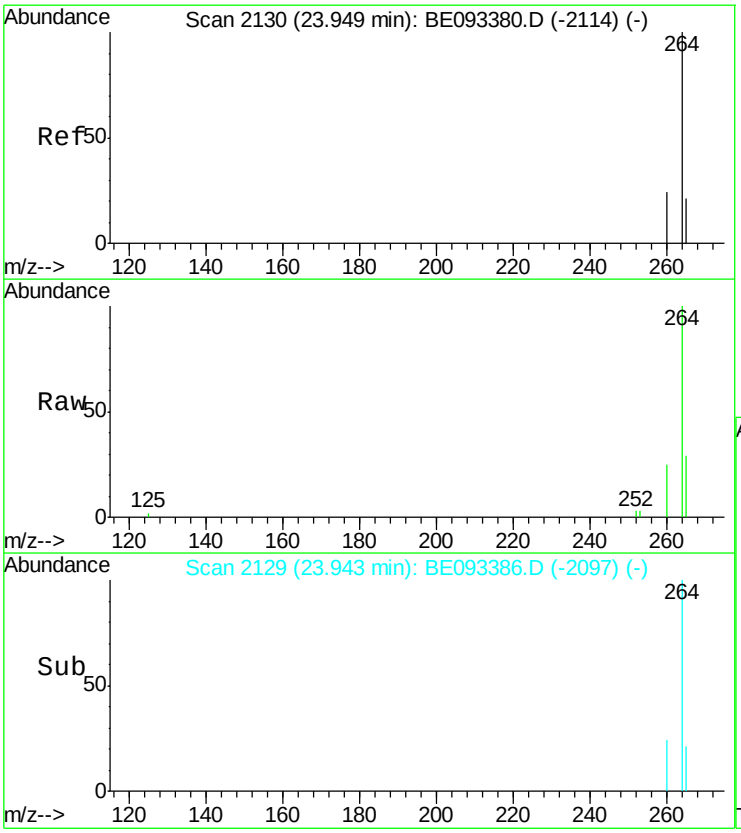
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 26.59 min Scan# 2707
Delta R.T. -0.02 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 40022

Ion	Ratio	Lower	Upper
276	100		
138	24.8	27.4	41.2#
277	25.0	20.1	30.1

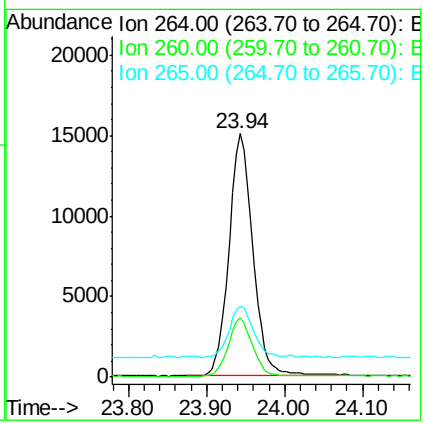


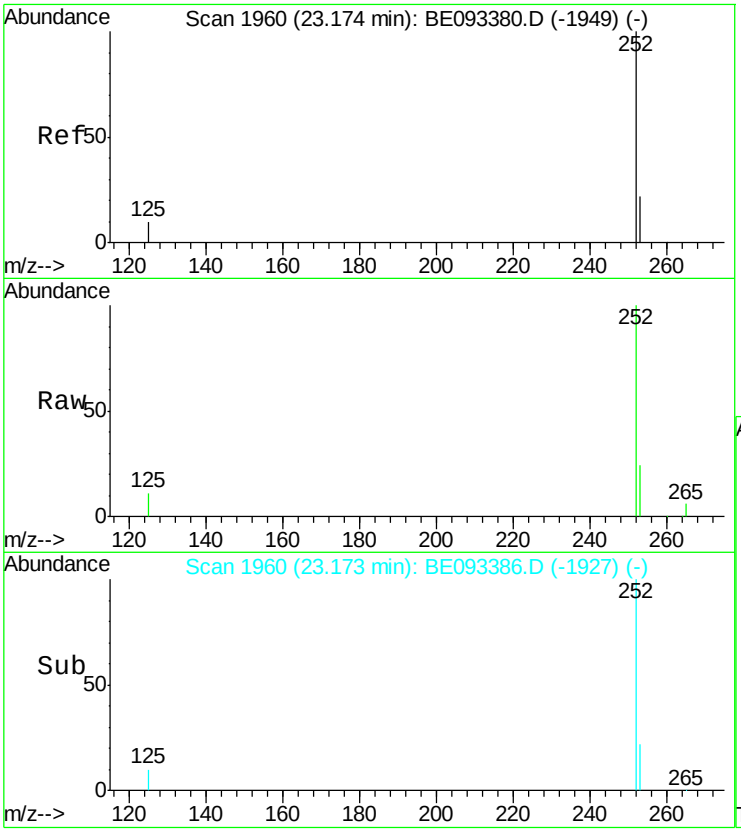


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.94 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:264 Resp: 32363

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.0	31.4
265	29.2	24.6	36.8



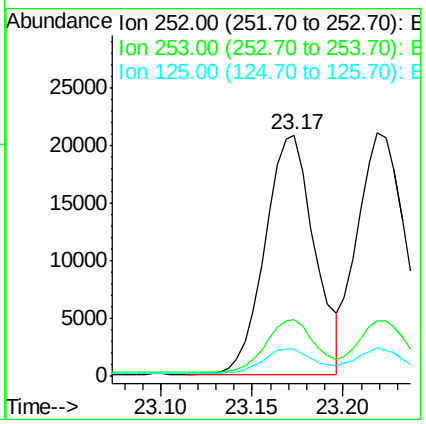


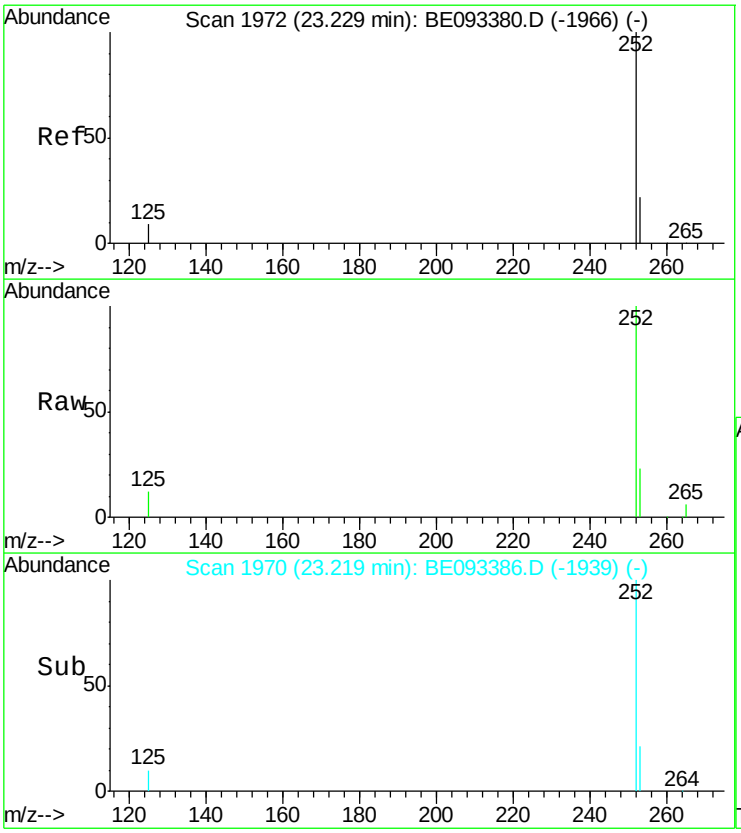
#35
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.17 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 39275

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	11.1	13.4	20.0#

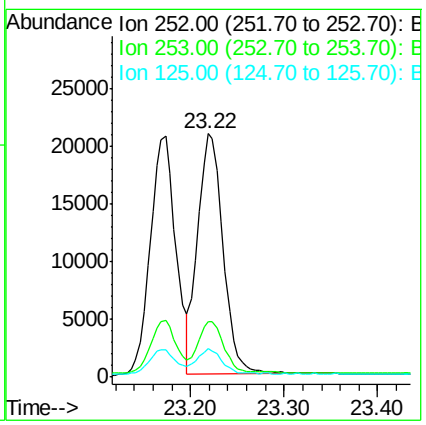


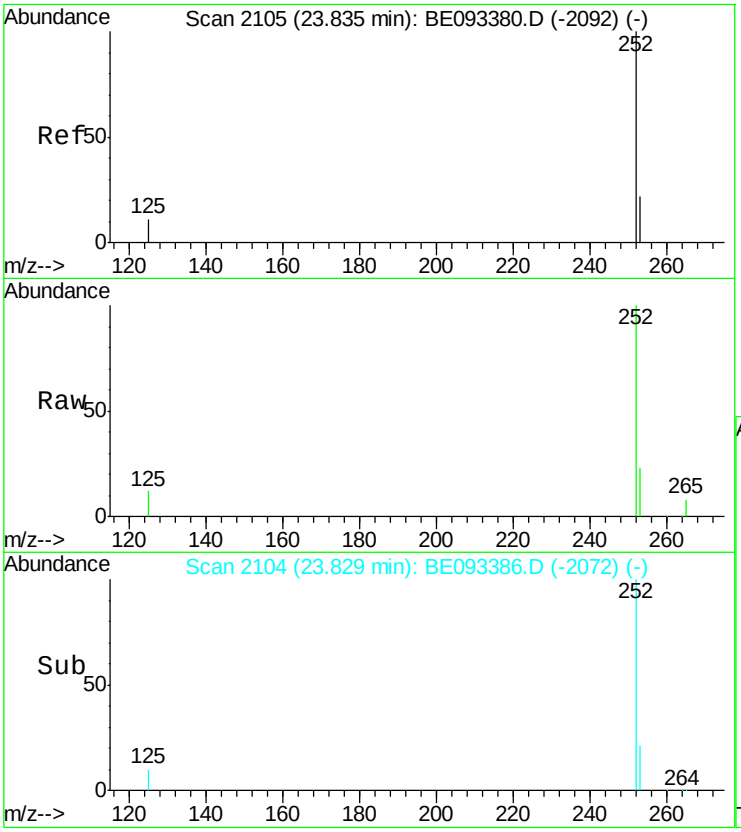


#36
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.22 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:252 Resp: 39399

Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.3	30.5
125	11.7	12.2	18.4#



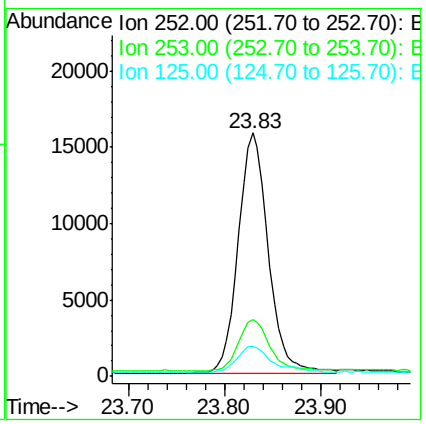


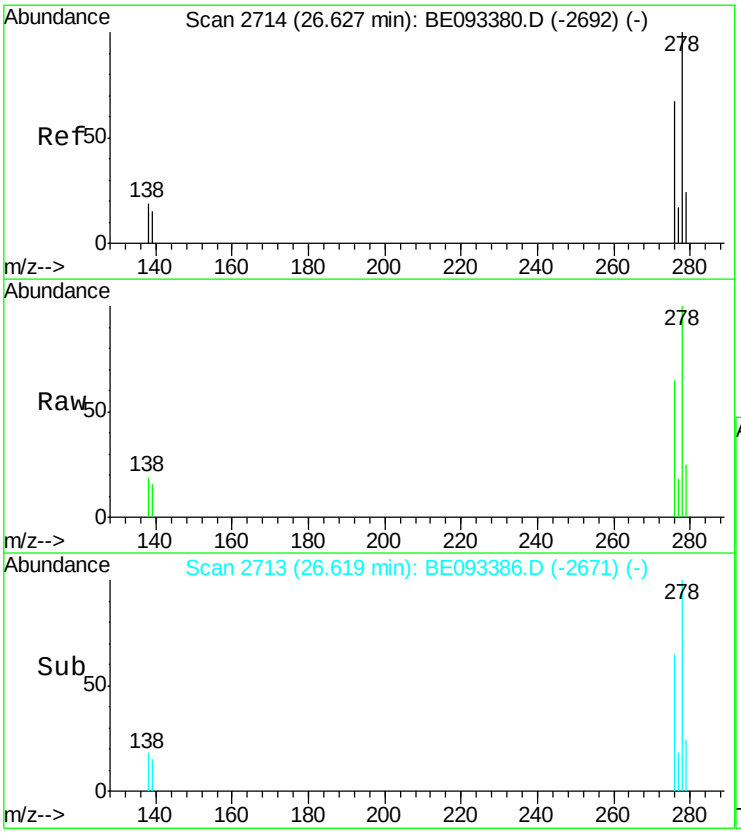
#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.83 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 34273

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.9	29.9
125	12.0	14.6	21.8#

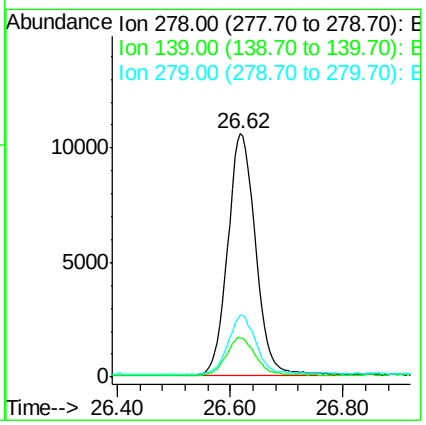


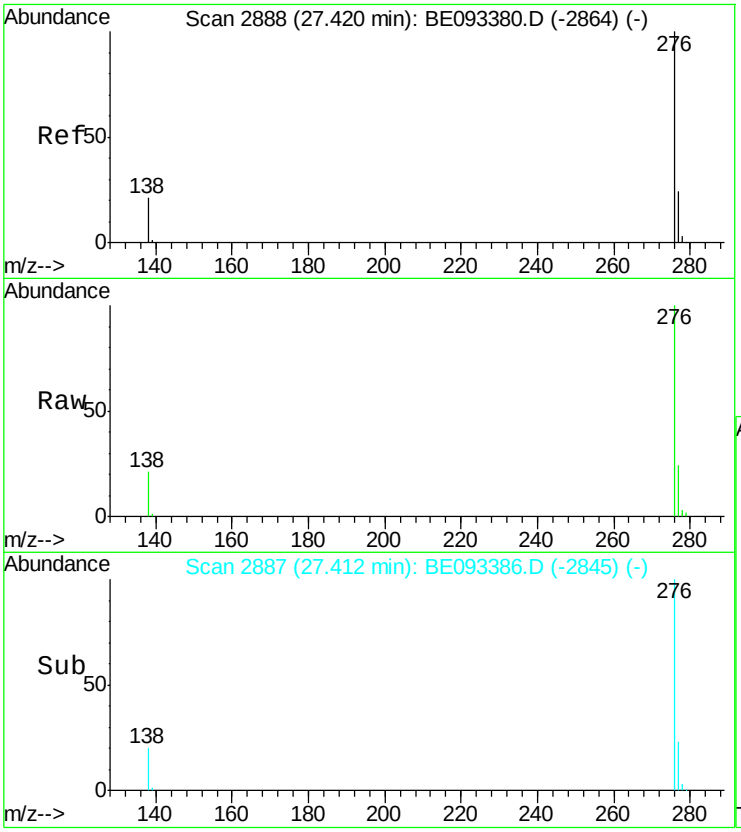


#38
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 26.62 min Scan# 2713
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Tgt Ion:278 Resp: 35516

Ion	Ratio	Lower	Upper
278	100		
139	16.1	21.4	32.0#
279	25.4	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 27.41 min Scan# 2887
Delta R.T. -0.01 min
Lab File: BE093386.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 36612

Ion	Ratio	Lower	Upper
276	100		
277	23.9	21.2	31.8
138	21.0	24.5	36.7#