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

Quantitation Report (Not Reviewed)

Data File : BE093401.D
Acq On : 1 Jul 2017 20:26
Operator : SJ/JU
Sample : I3984-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DUP01-20170627

Quant Time: Jul 03 05:12:41 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	7.95	152	2803	0.40	ng		-0.01
7) Naphthalene-d8	10.74	136	13130	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	8273	0.40	ng		-0.02
19) Phenanthrene-d10	17.27	188	27912	0.40	ng		0.00
27) Chrysene-d12	21.43	240	35086	0.40	ng		-0.01
34) Perylene-d12	23.94	264	29182	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1429	0.16	ng		0.00
5) Phenol-d6	7.10	99	1243	0.10	ng		0.00
8) Nitrobenzene-d5	9.08	82	3470	0.44	ng		-0.02
11) 2-Methylnaphthalene-d10	12.31	152	7533	0.36	ng		0.00
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
15) 2-Fluorobiphenyl	13.18	172	13627	0.42	ng		0.00
25) Fluoranthene-d10	19.29	212	127743	0.50	ng		0.00
29) Terphenyl-d14	19.88	244	30729	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	415	0.07	ng	#	50
3) n-Nitrosodimethylamine	3.75	42	39	0.14	ng	#	1
9) Naphthalene	10.77	128	4025	0.03	ng	#	79
22) Pentachlorophenol	16.91	266	27	0.04	ng		90
23) Phenanthrene	17.30	178	1913	0.03	ng	#	93
24) Anthracene	17.30	178	1864	0.03	ng		97
32) Bis(2-ethylhexyl)phthalate	21.34	149	48848	0.35	ng	#	67

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

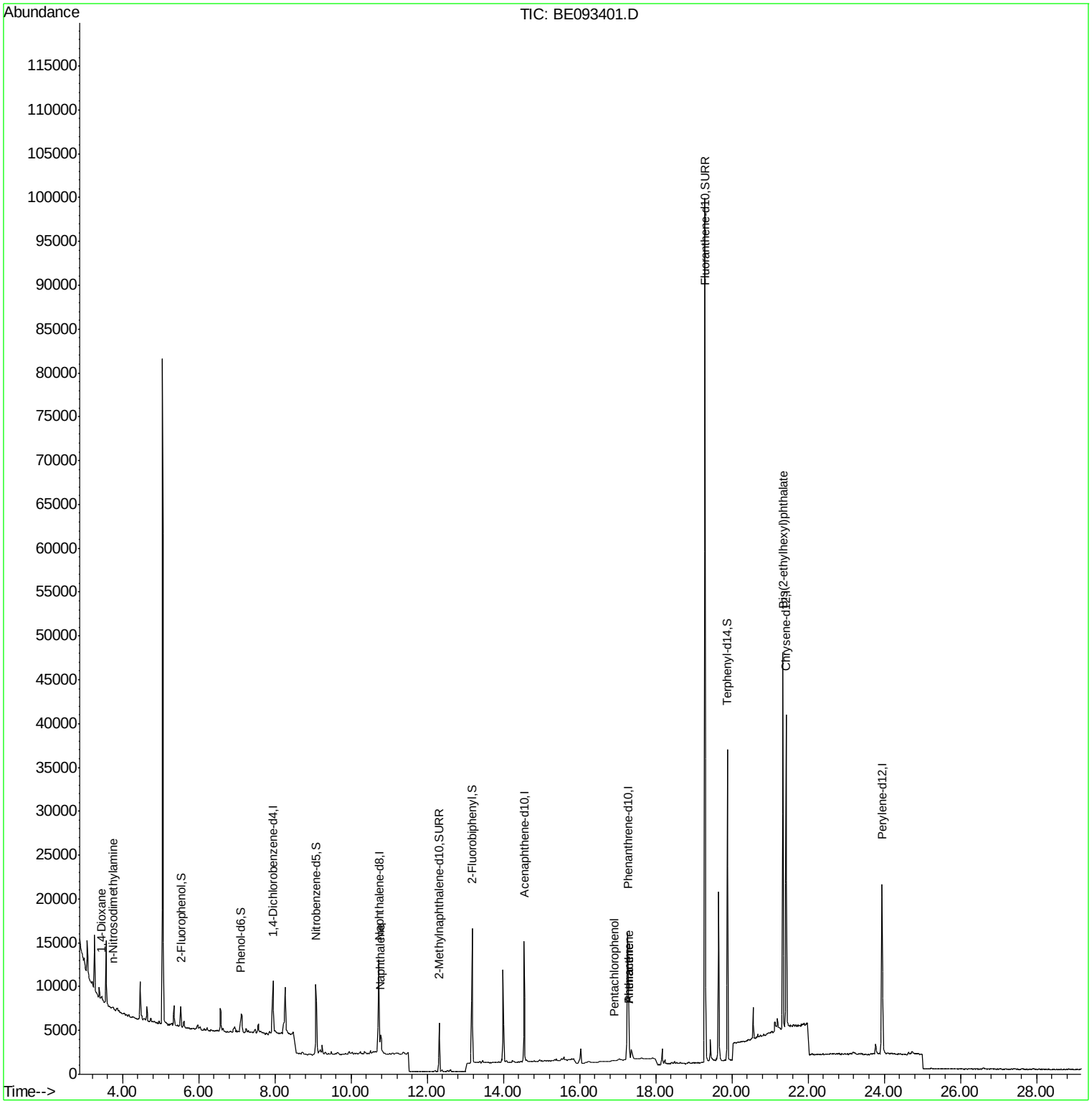
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\

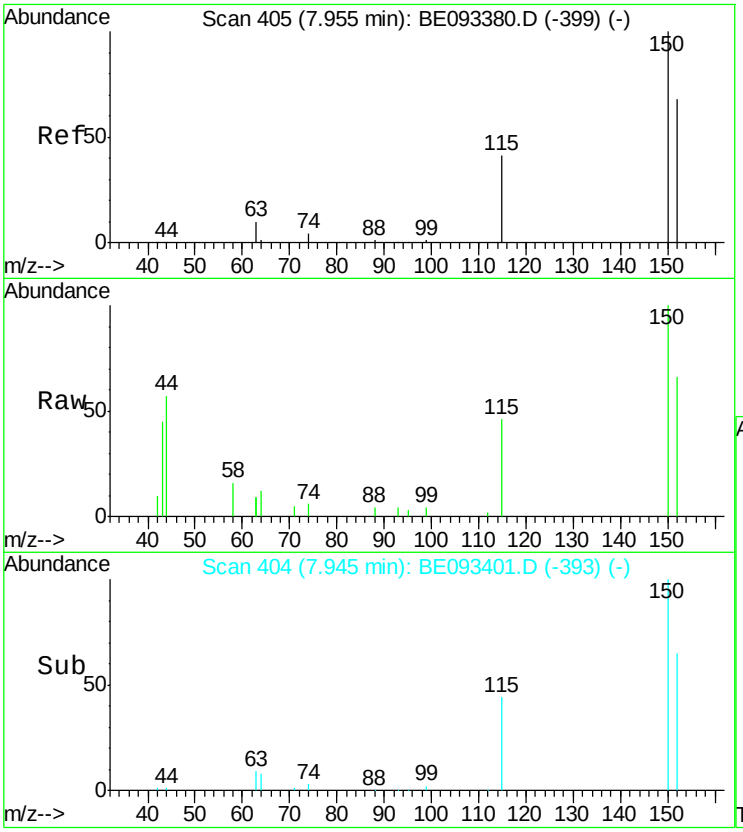
Quantitation Report (Not Reviewed)

Data File : BE093401.D
Acq On : 1 Jul 2017 20:26
Operator : SJ/JU
Sample : I3984-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Quant Time: Jul 03 05:12:41 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



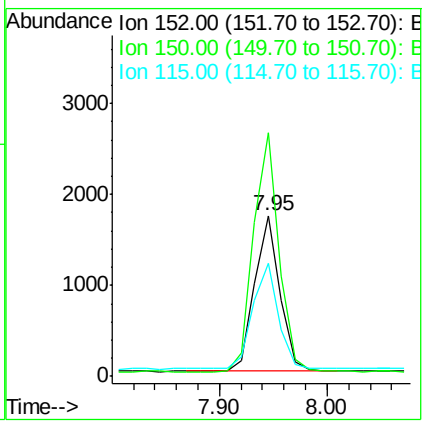


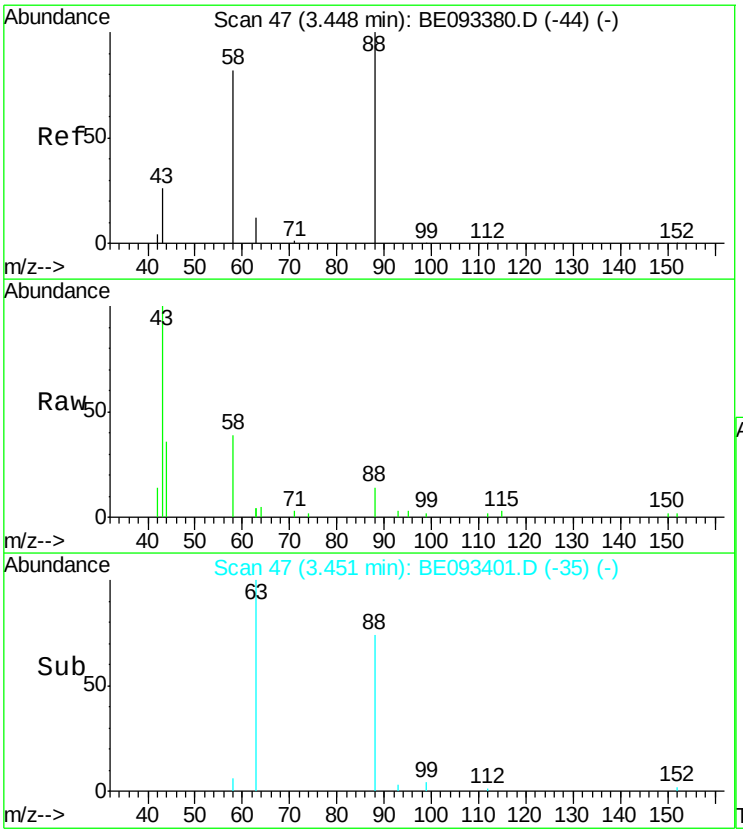
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.95 min Scan# 404
Delta R.T. -0.01 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion:152 Resp: 2803

Ion	Ratio	Lower	Upper
152	100		
150	151.2	125.1	187.7
115	70.2	55.7	83.5

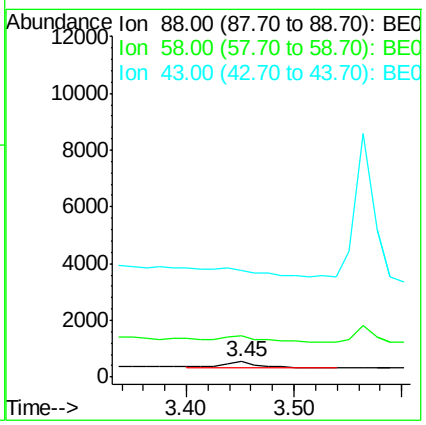


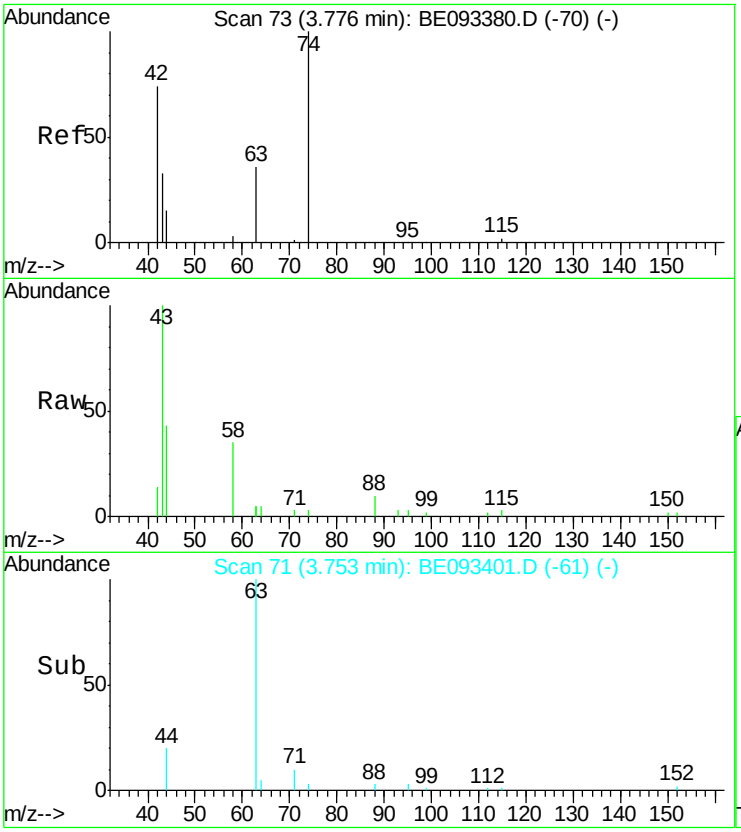


#2
1,4-Dioxane
Concen: 0.07 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion: 88 Resp: 415

Ion	Ratio	Lower	Upper
88	100		
58	119.3	62.2	93.4#
43	0.0	23.2	34.8#



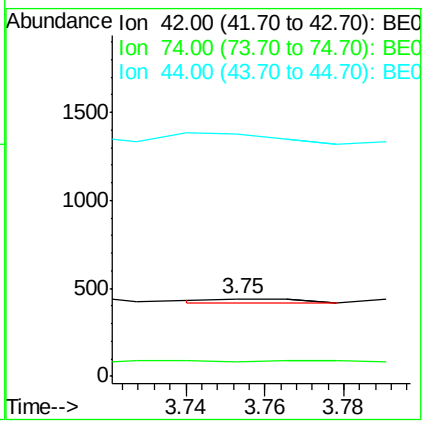


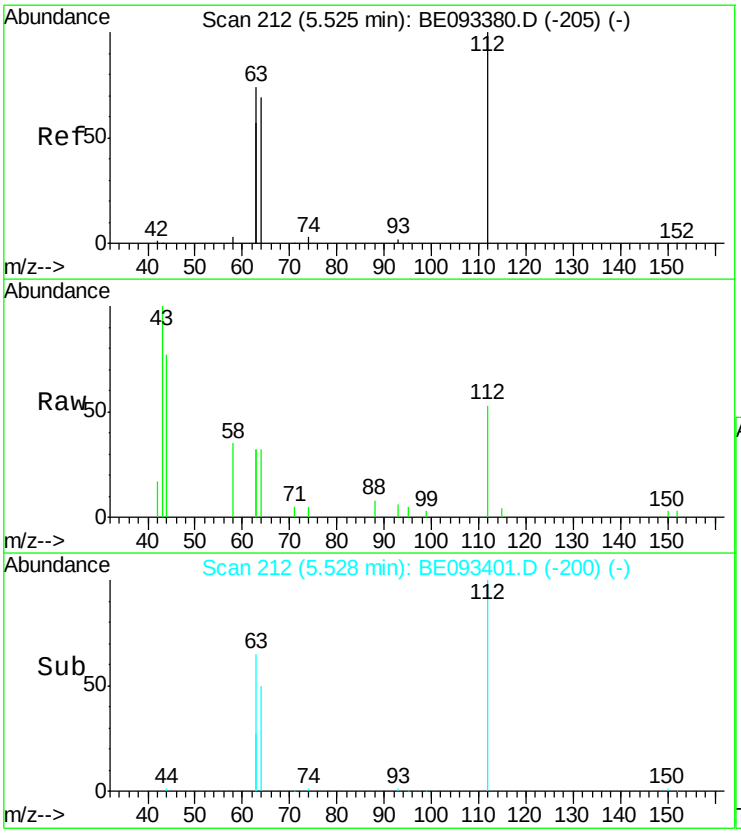
#3
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.02 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion: 42 Resp: 39

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

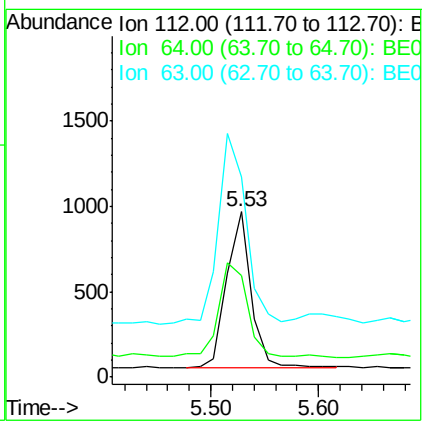


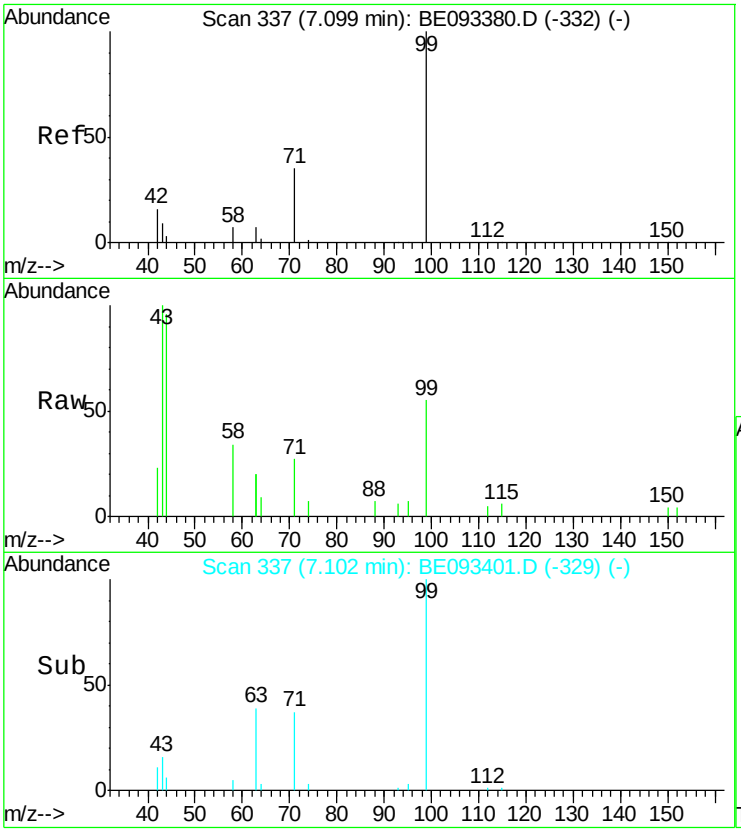


#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion:112 Resp: 1429

Ion	Ratio	Lower	Upper
112	100		
64	68.5	56.4	84.6
63	138.1	29.3	43.9#



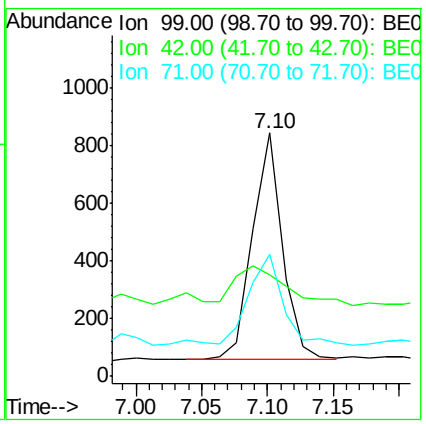


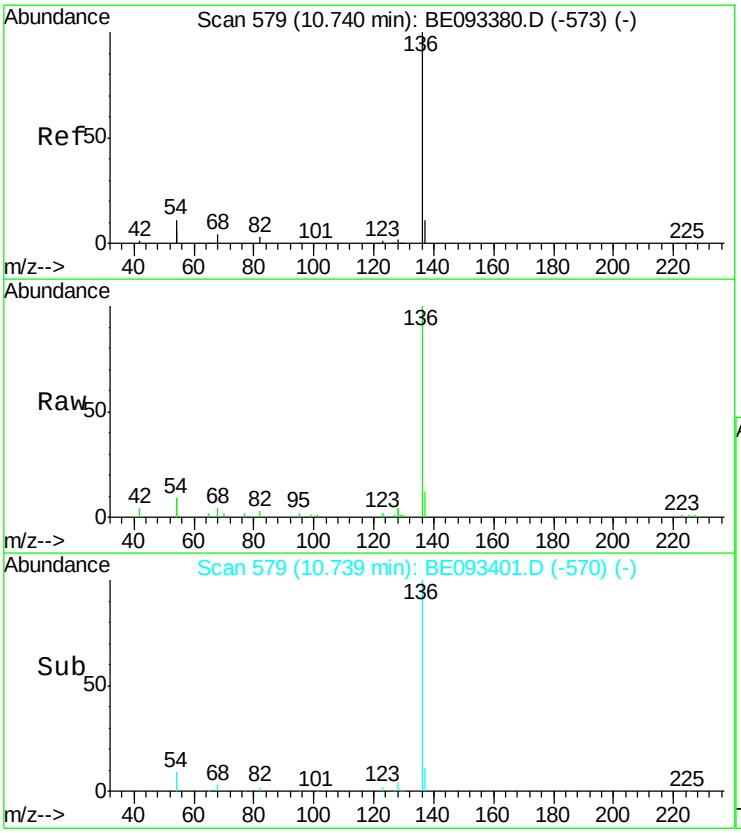
#5
Phenol-d6
Concen: 0.10 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion: 99 Resp: 1243

Ion	Ratio	Lower	Upper
99	100		
42	33.5	0.0	0.0#
71	47.5	0.0	0.0#

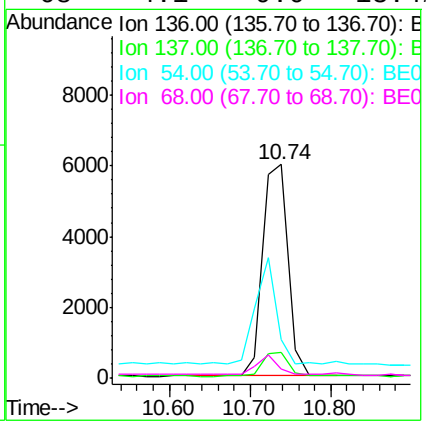


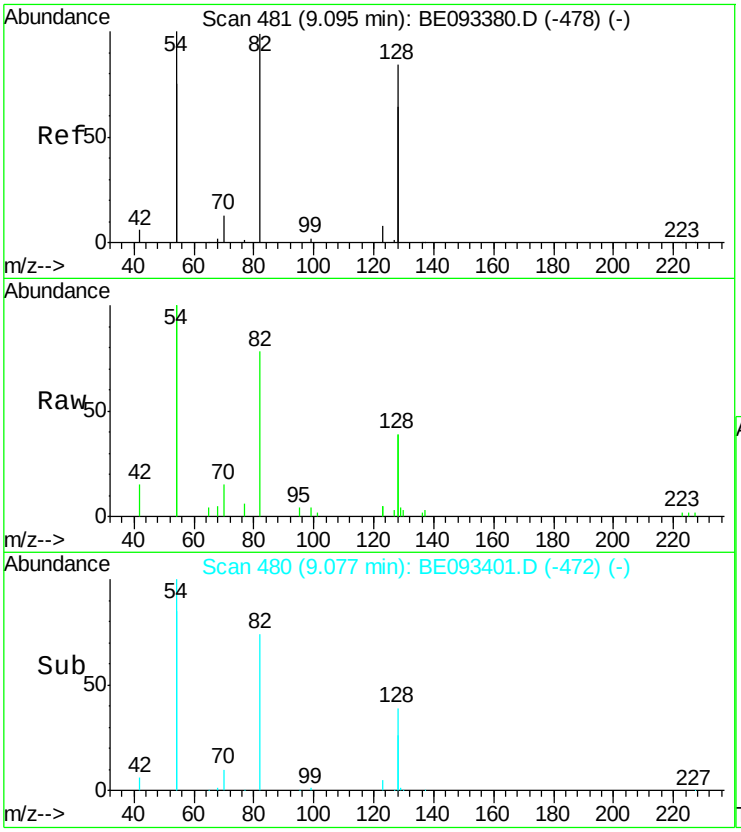


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion:136 Resp: 13130

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.8
54	18.0	10.3	15.5#
68	4.1	9.0	13.4#



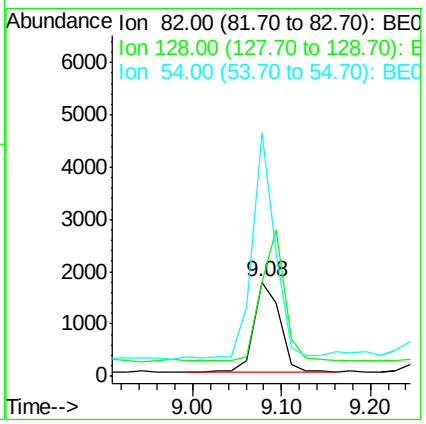


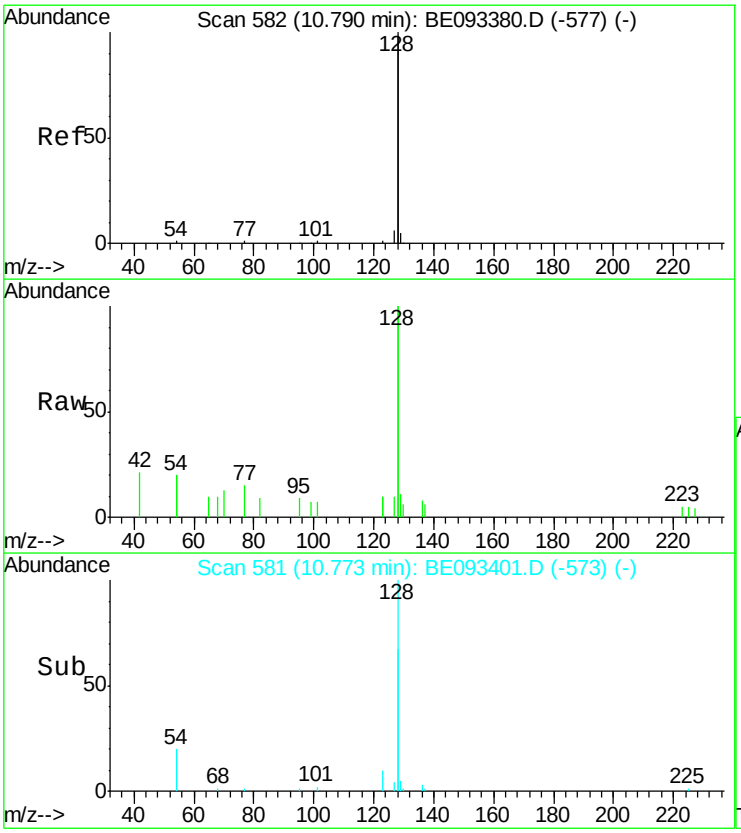
#8
Nitrobenzene-d5
Concen: 0.44 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.02 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion: 82 Resp: 3470

Ion	Ratio	Lower	Upper
82	100		
128	99.8	17.0	25.4#
54	257.8	53.8	80.6#

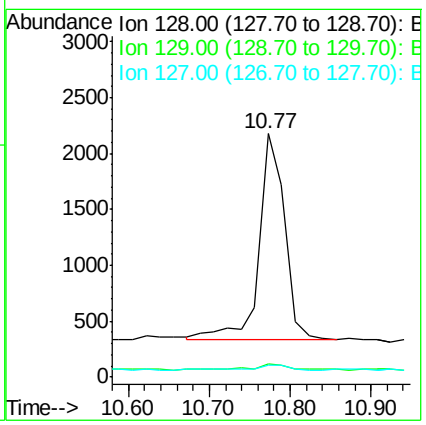


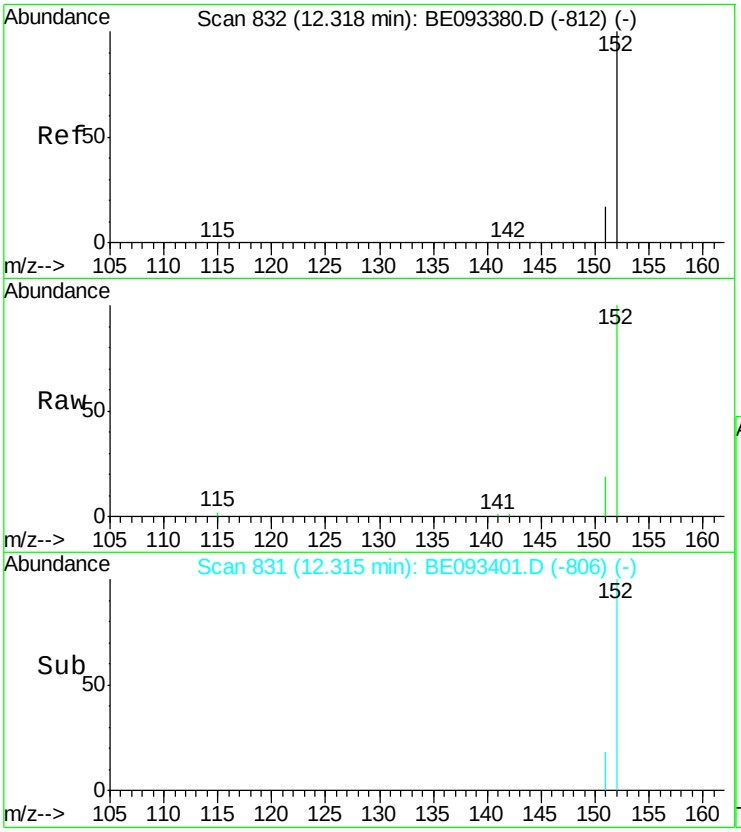


#9
Naphthalene
Concen: 0.03 ng
RT: 10.77 min Scan# 581
Delta R.T. -0.02 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion:128 Resp: 4025

Ion	Ratio	Lower	Upper
128	100		
129	5.6	11.4	17.0#
127	5.1	11.2	16.8#



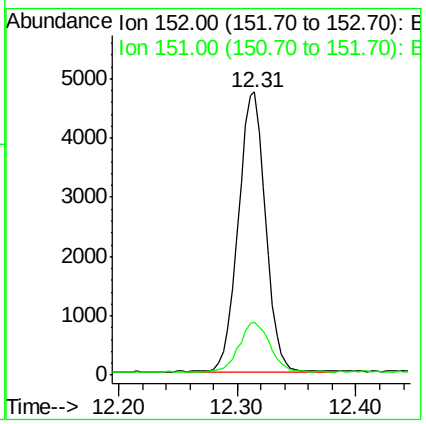


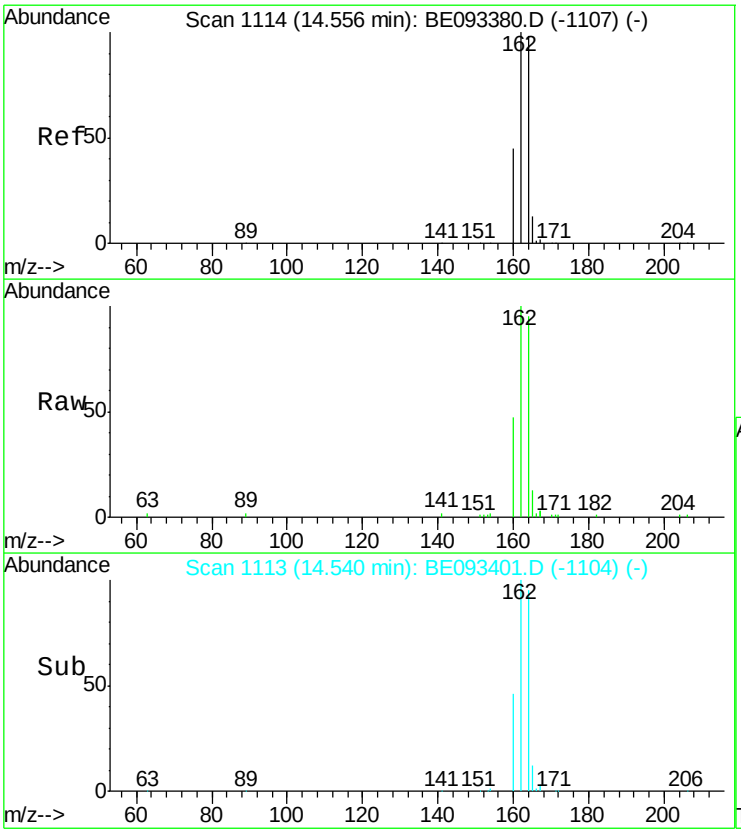
#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.31 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion:152 Resp: 7533

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.1	22.7

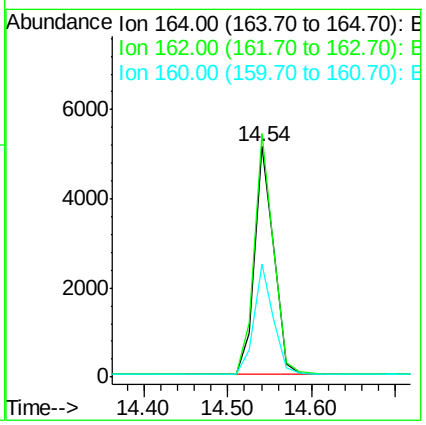


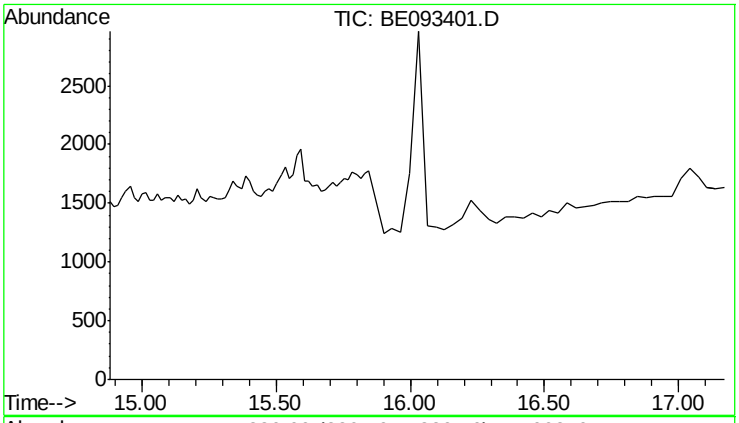


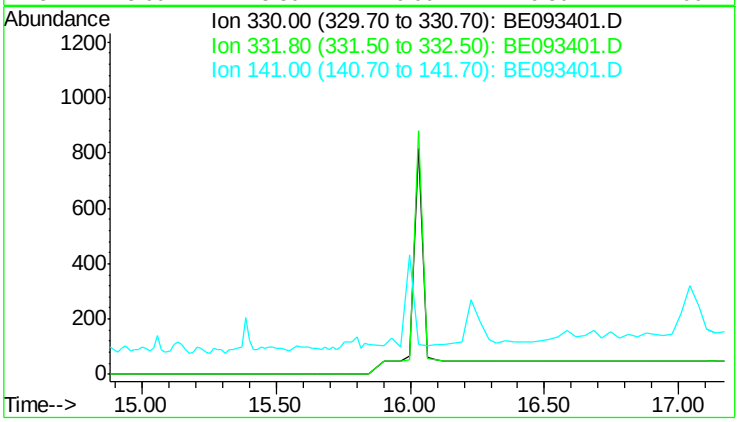
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion:164 Resp: 8273

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.6	127.0
160	49.2	41.8	62.6







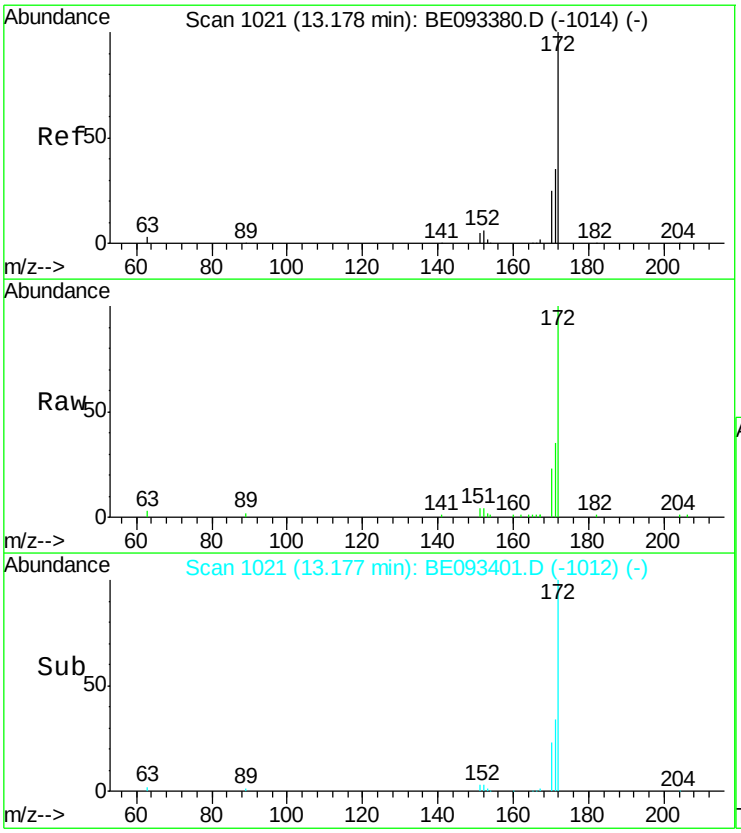
#14
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.03 min

Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.1
141	70.3

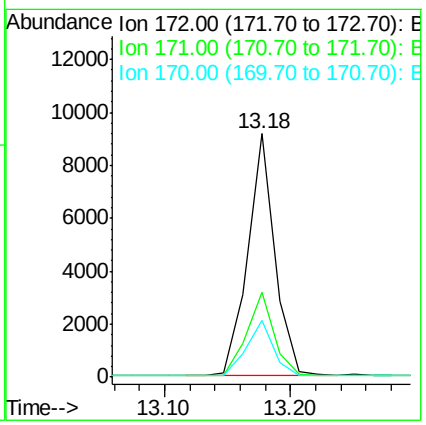
Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

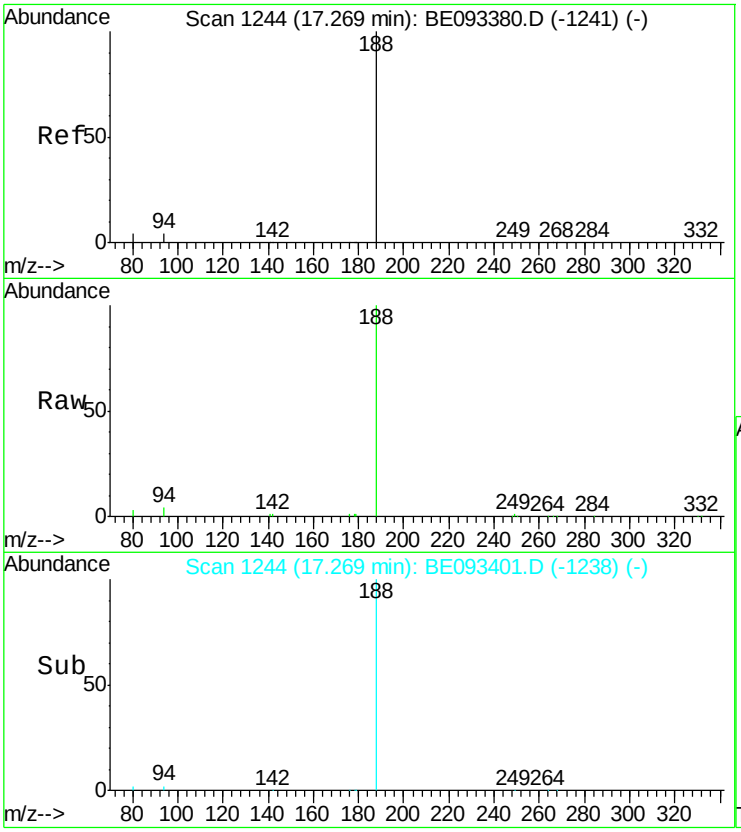


#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion:172 Resp: 13627

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.8	44.6
170	23.2	20.7	31.1



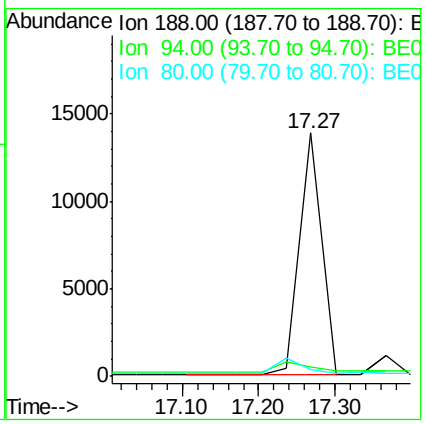


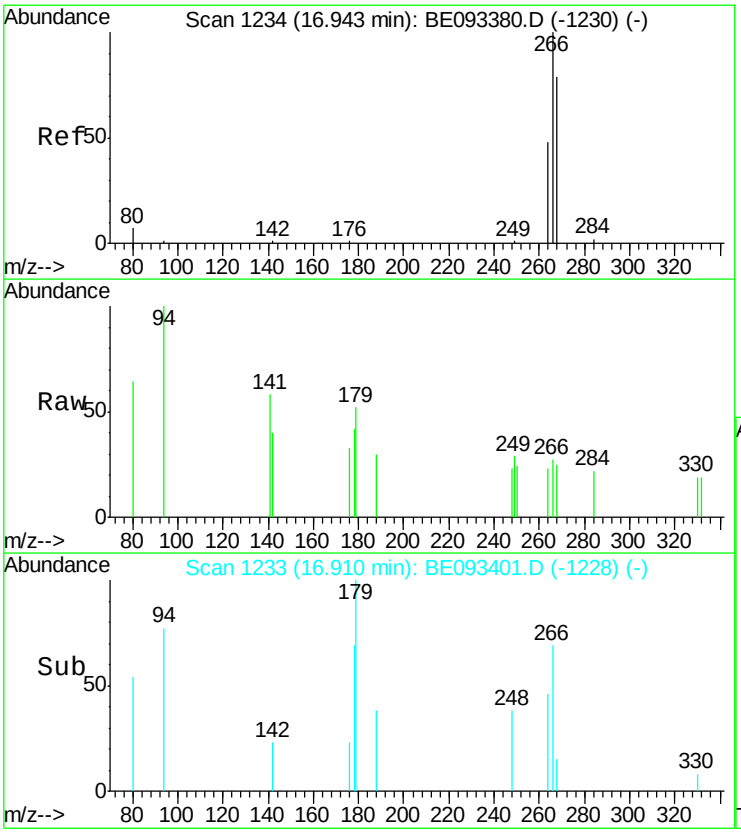
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion:188 Resp: 27912

Ion	Ratio	Lower	Upper
188	100		
94	4.1	11.3	16.9#
80	3.0	11.7	17.5#

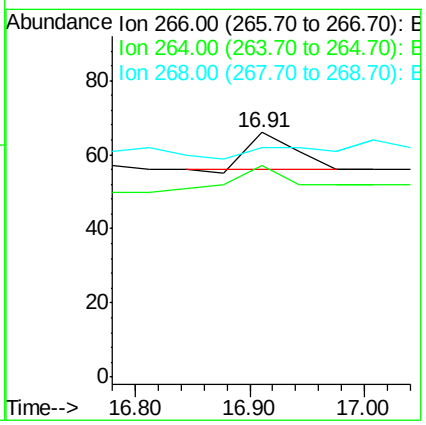


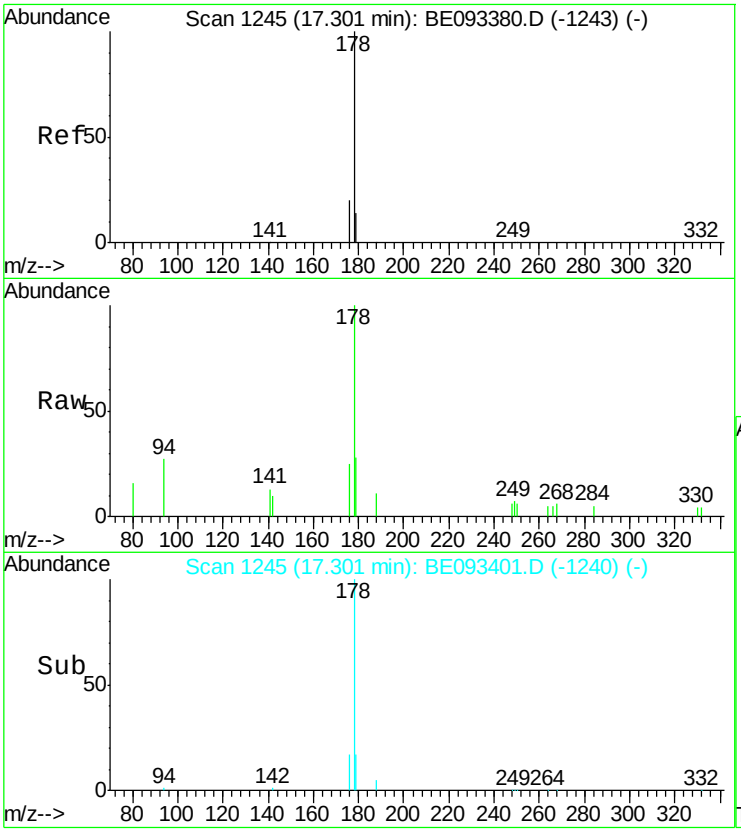


#22
Pentachlorophenol
Concen: 0.04 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion:266 Resp: 27

Ion	Ratio	Lower	Upper
266	100		
264	86.4	58.2	87.2
268	93.9	71.9	107.9



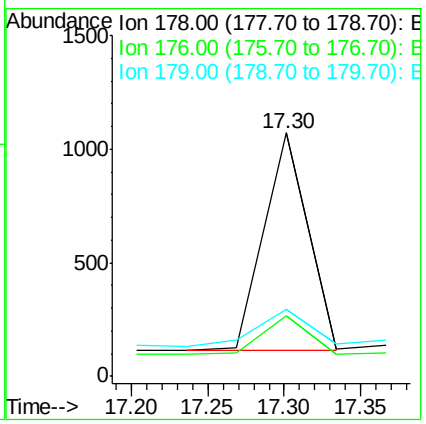


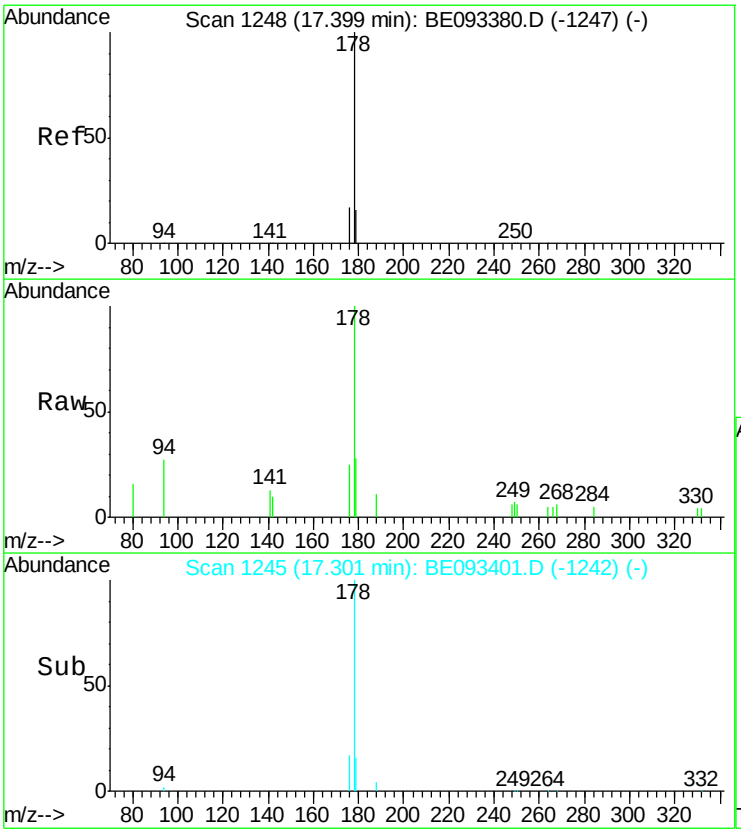
#23
Phenanthrene
Concen: 0.03 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion:178 Resp: 1913

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	21.4	12.7	19.1#

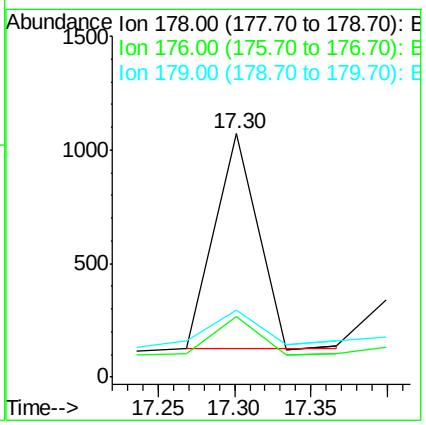


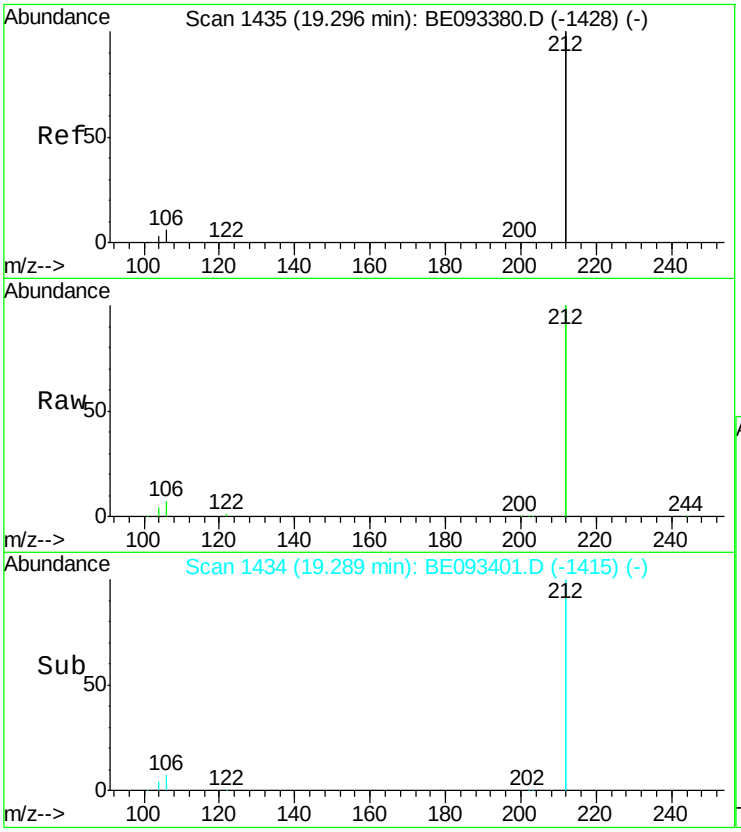


#24
Anthracene
Concen: 0.03 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion:178 Resp: 1864

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	22.0
179	13.4	12.0	18.0



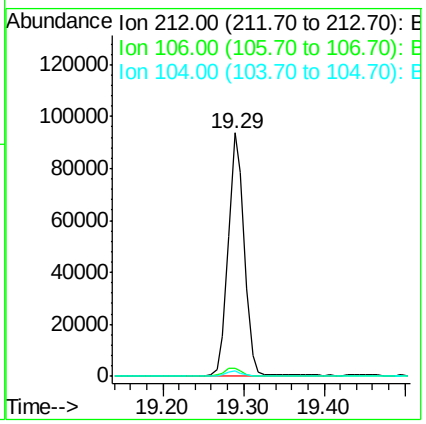


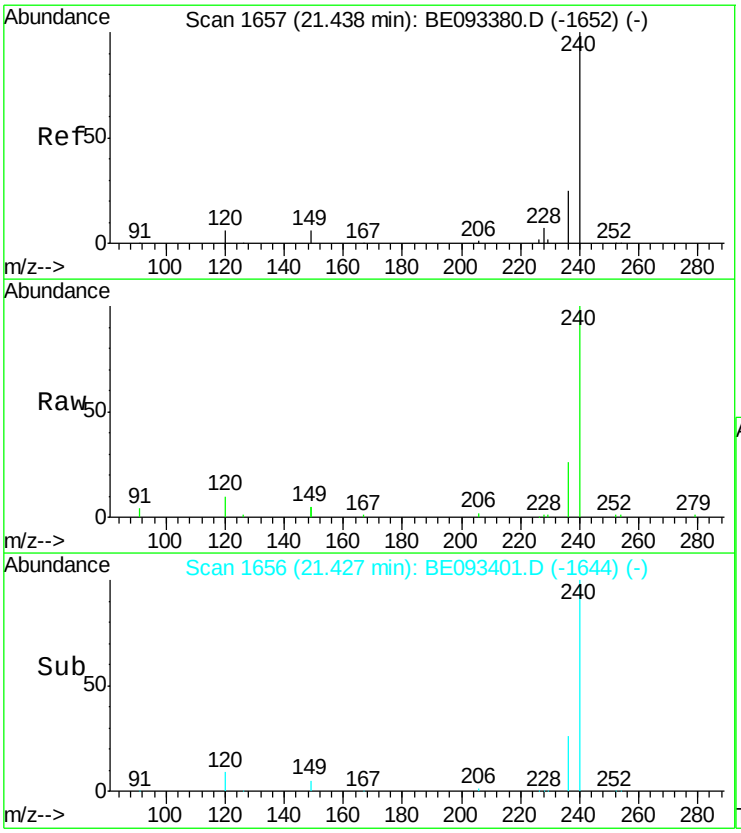
#25
Fluoranthene-d10
Concen: 0.50 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion:212 Resp: 127743

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	2.0	1.6	2.4

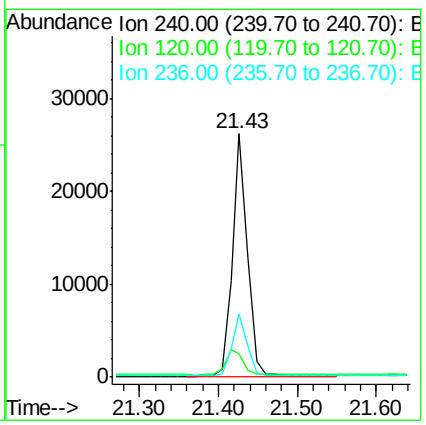


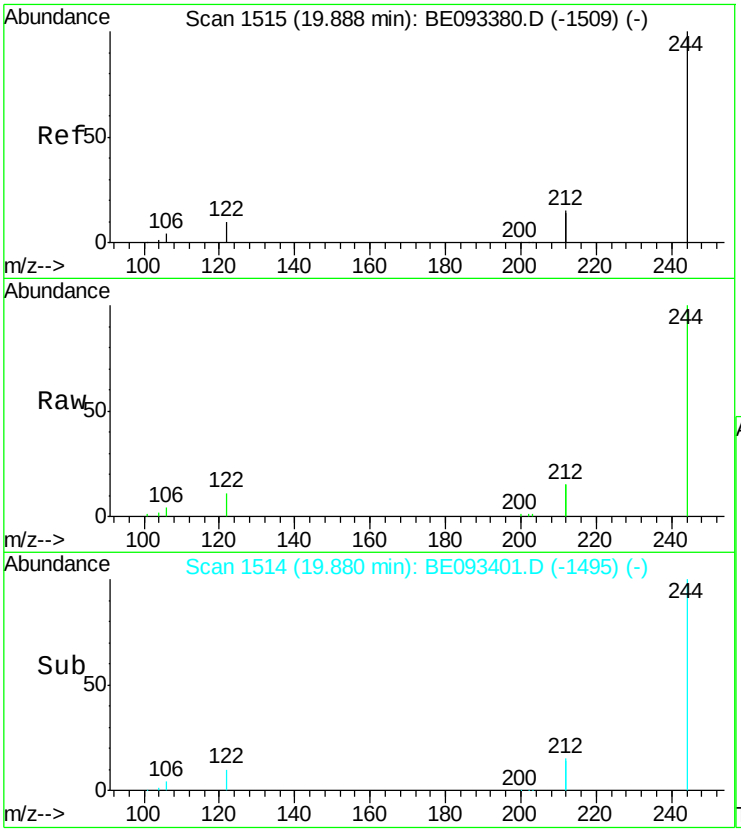


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion:240 Resp: 35086

Ion	Ratio	Lower	Upper
240	100		
120	9.9	4.6	7.0#
236	26.1	20.8	31.2



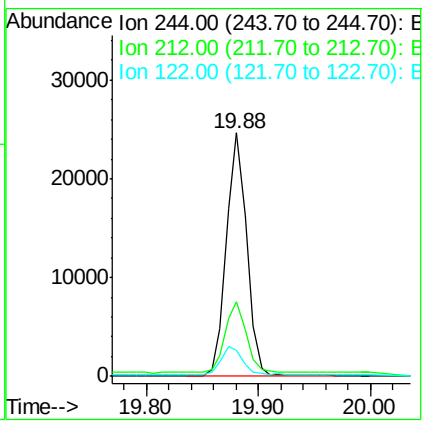


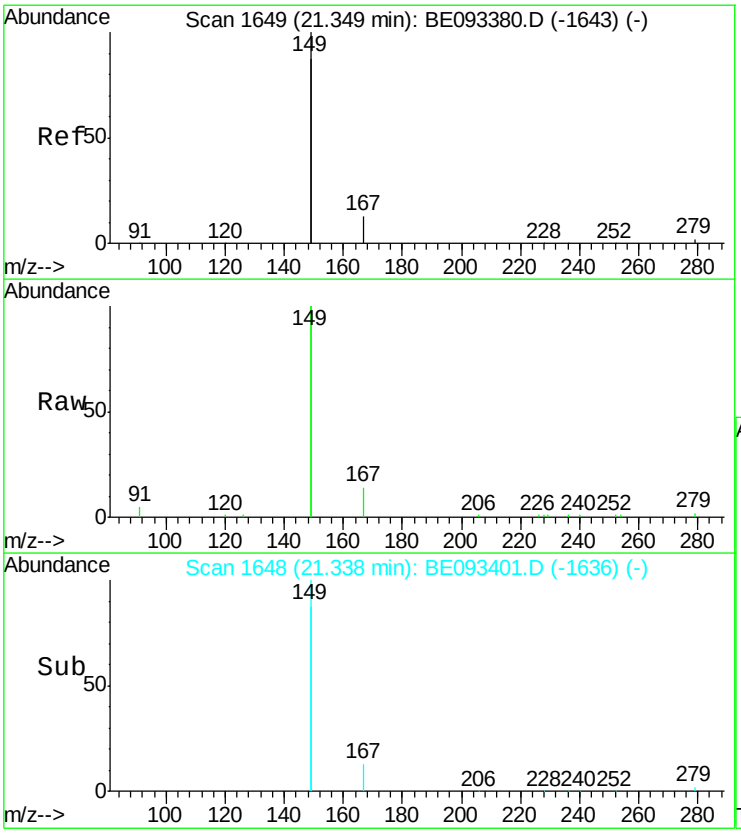
#29
Terphenyl-d14
Concen: 0.47 ng
RT: 19.88 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion:244 Resp: 30729

Ion	Ratio	Lower	Upper
244	100		
212	30.8	10.6	16.0#
122	10.6	15.4	23.0#

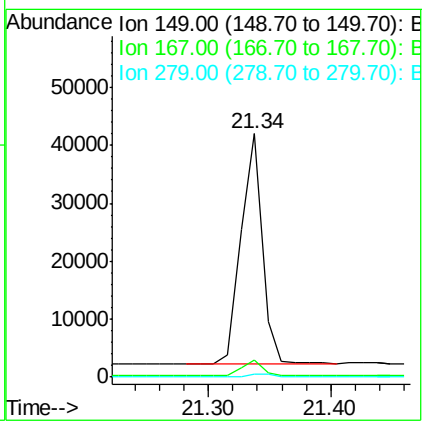


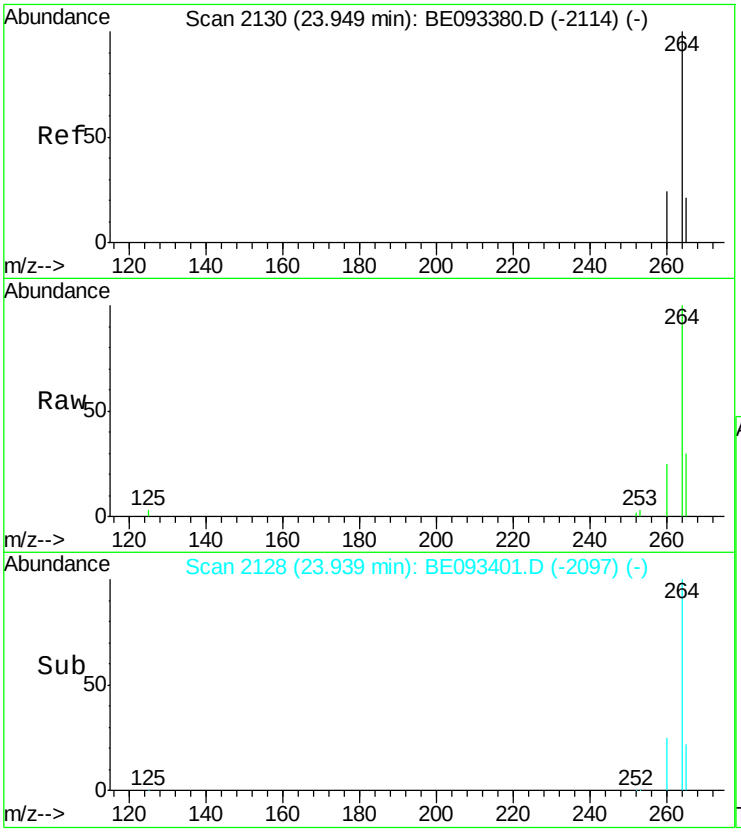


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.34 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Tgt Ion:149 Resp: 48848

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	1.1	2.2	3.4#





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE093401.D
Acq: 1 Jul 2017 20:26

Instrument :
BNA_E
ClientSampleId :
DUP01-20170627

Tgt Ion:264 Resp: 29182

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.0	31.4
265	30.2	24.6	36.8