Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096915.D
Acq On : 13 Jul 2018 20:23
Operator : SJ/JU
Sample : J3170-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE120D1-071118

Quant Time: Jul 13 23:18:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 17:02:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2121	0.40	ng		0.01
7) Naphthalene-d8	10.15	136	10065	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	5525	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	15424	0.40	ng		0.00
27) Chrysene-d12	20.98	240	13340	0.40	ng		0.00
34) Perylene-d12	23.21	264	14160	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1141	0.24	ng		0.00
5) Phenol-d6	6.60	99	971	0.14	ng		0.01
8) Nitrobenzene-d5	8.53	82	3631	0.60	ng		0.01
11) 2-Methylnaphthalene-d10	11.74	152	7022	0.48	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	778	0.57	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	10116	0.50	ng		0.00
25) Fluoranthene-d10	18.81	212	78746	0.58	ng		0.00
29) Terphenyl-d14	19.43	244	16601	0.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	26125	8.220	ng	#	89
6) bis(2-Chloroethyl)ether	6.84	93	266	0.034	ng		87
9) Naphthalene	10.20	128	5242	0.057	ng	#	97
12) 2-Methylnaphthalene	11.81	142	439	0.029	ng	#	94
32) Bis(2-ethylhexyl)phthalate	20.93	149	3075	0.116	ng		99

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

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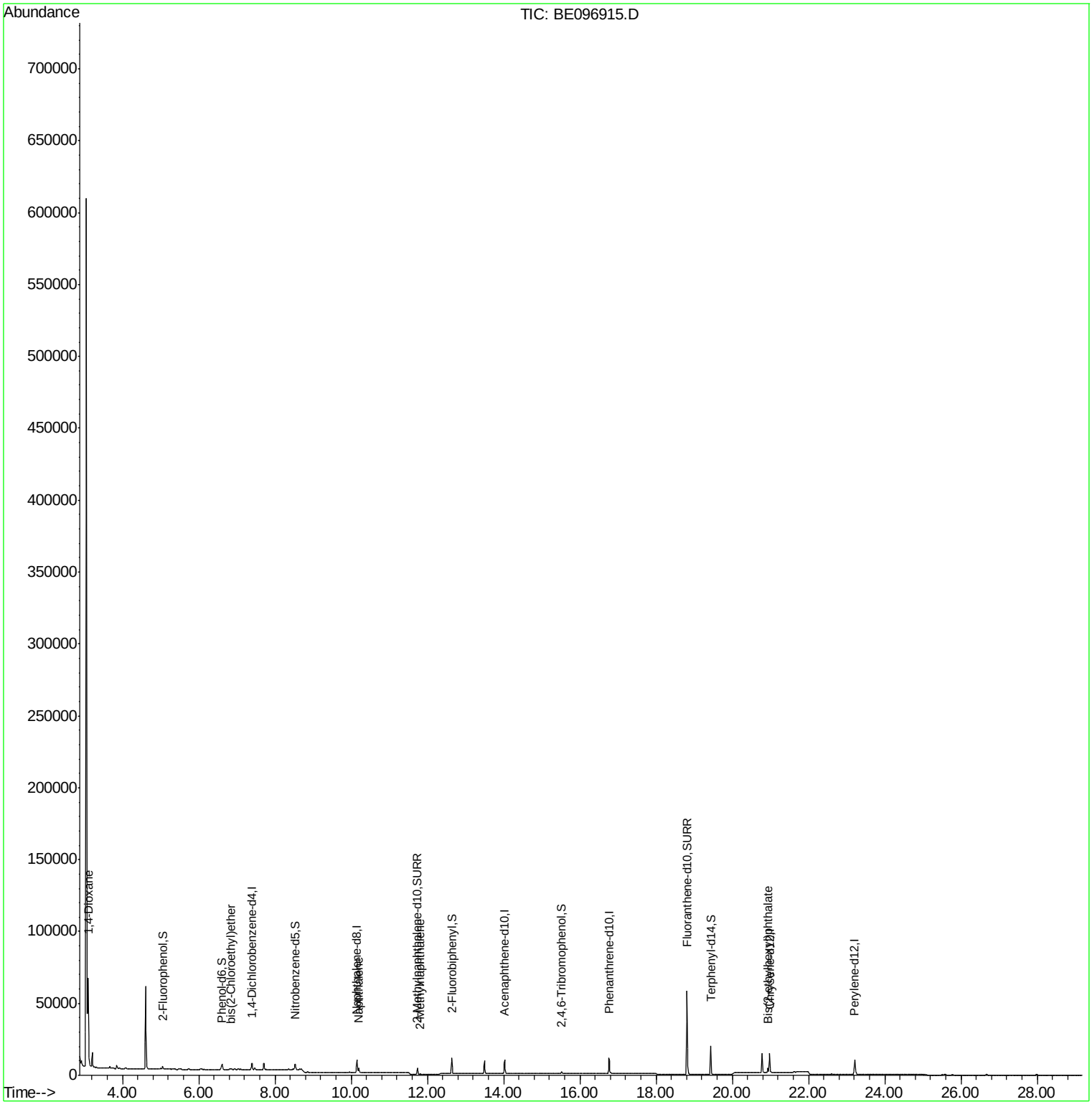
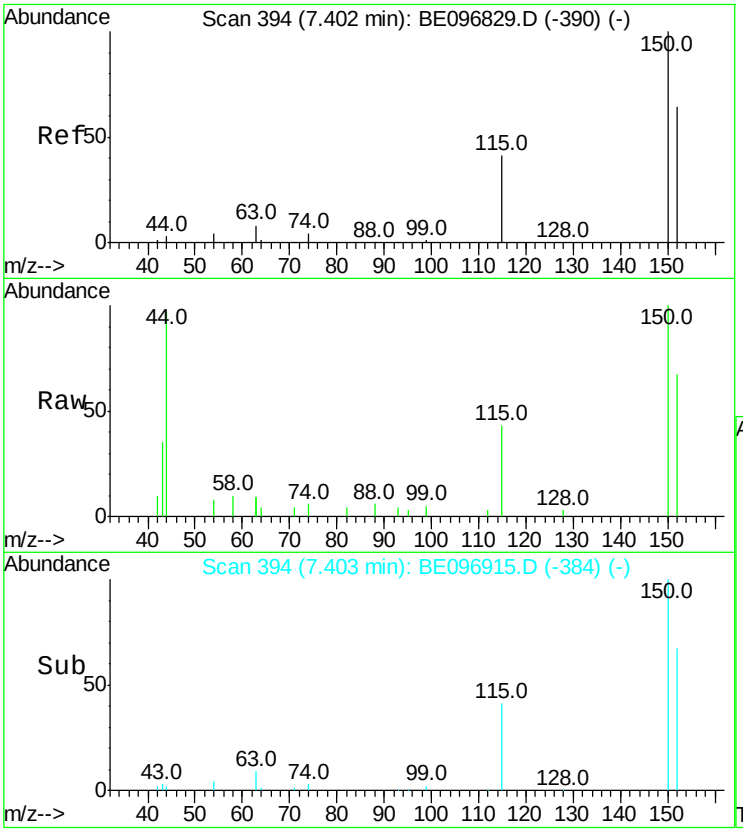


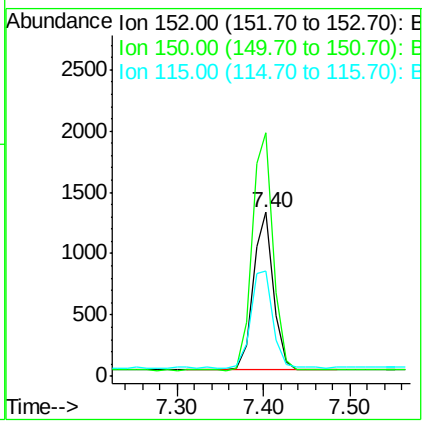


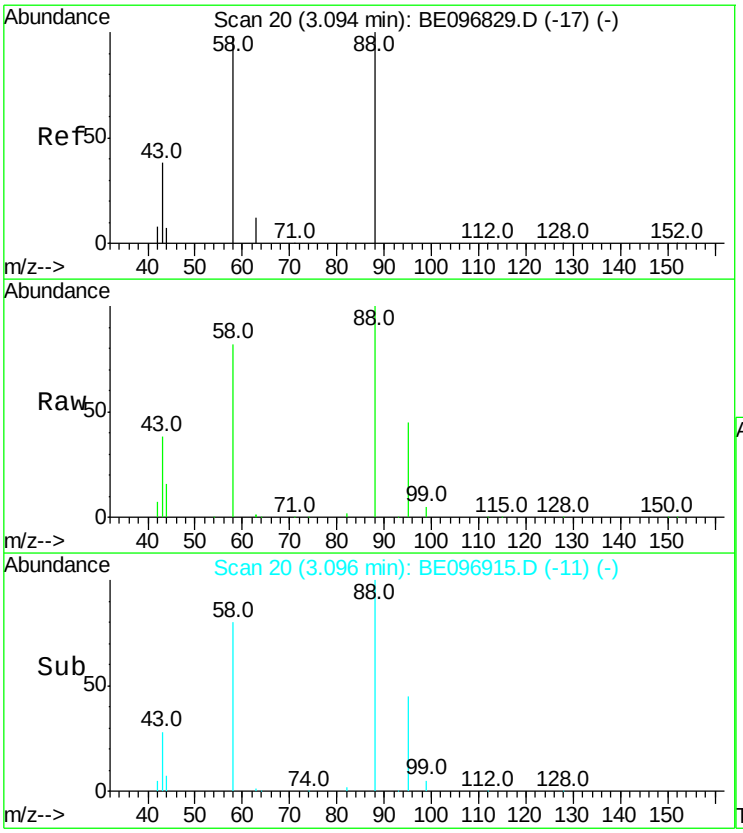
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Instrument :
BNA_E
ClientSampleId :
RE120D1-071118

Tgt Ion:152 Resp: 2121

Ion	Ratio	Lower	Upper
152	100		
150	148.4	117.2	175.8
115	64.3	57.0	85.6

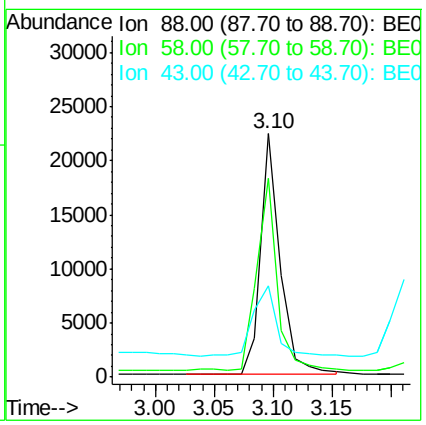


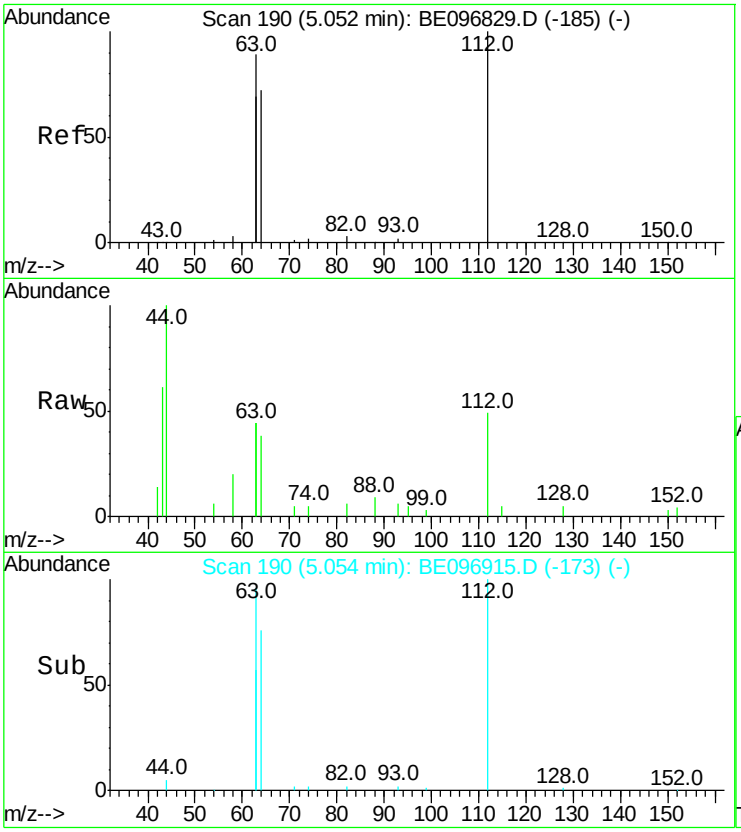


#2
1,4-Dioxane
Concen: 8.220 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Tgt Ion: 88 Resp: 26125

Ion	Ratio	Lower	Upper
88	100		
58	81.8	63.2	94.8
43	35.0	41.2	61.8#



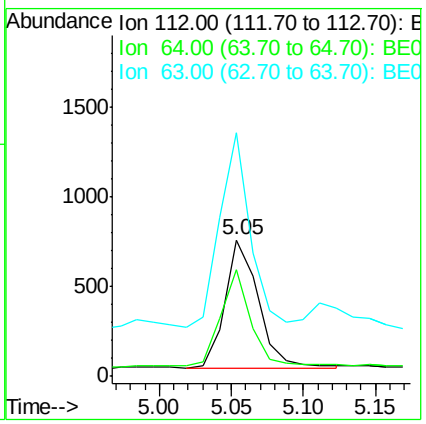


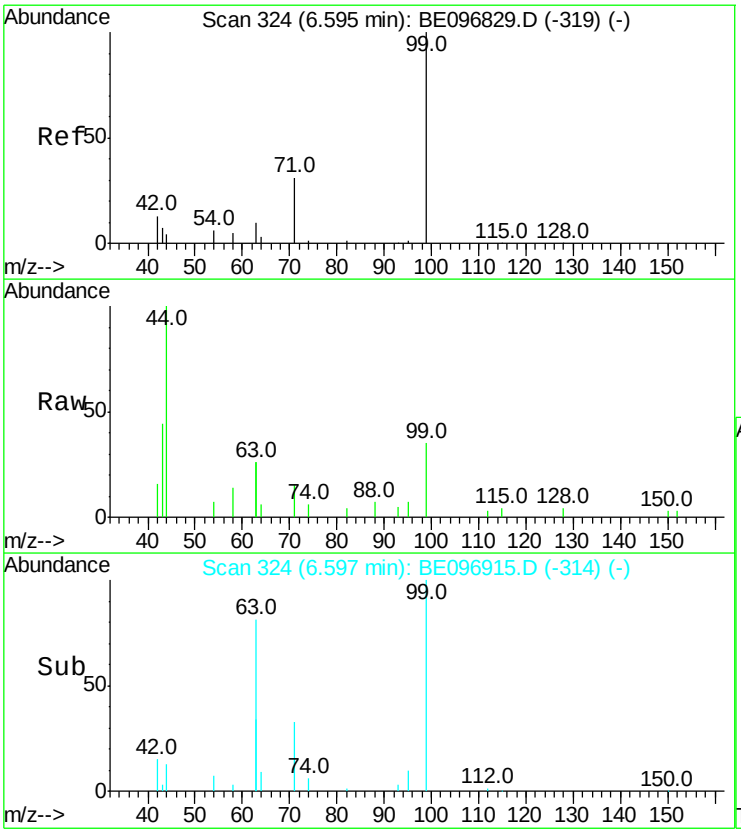
#4
2-Fluorophenol
Concen: 0.241 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Instrument :
BNA_E
ClientSampleId :
RE120D1-071118

Tgt Ion:112 Resp: 1141

Ion	Ratio	Lower	Upper
112	100		
64	69.3	60.1	90.1
63	139.6	116.8	175.2

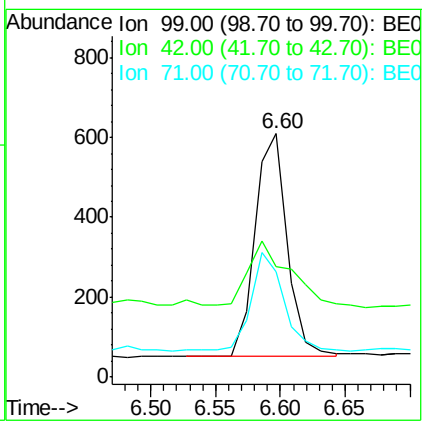


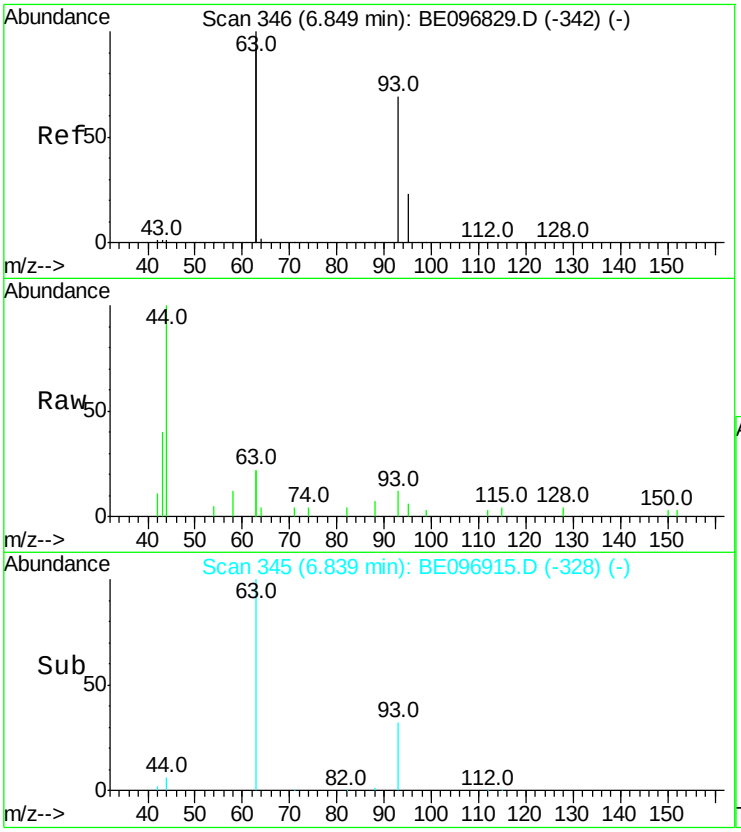


#5
Phenol-d6
Concen: 0.137 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.01 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Tgt Ion: 99 Resp: 971

Ion	Ratio	Lower	Upper
99	100		
42	35.8	20.2	30.2#
71	46.3	28.4	42.6#



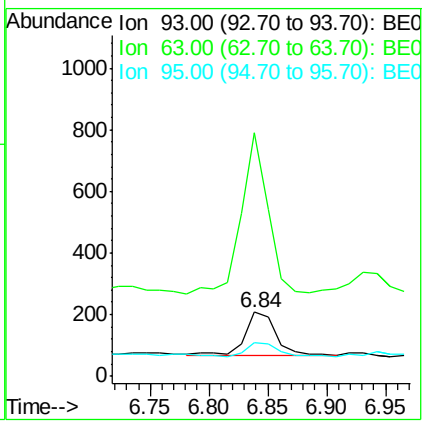


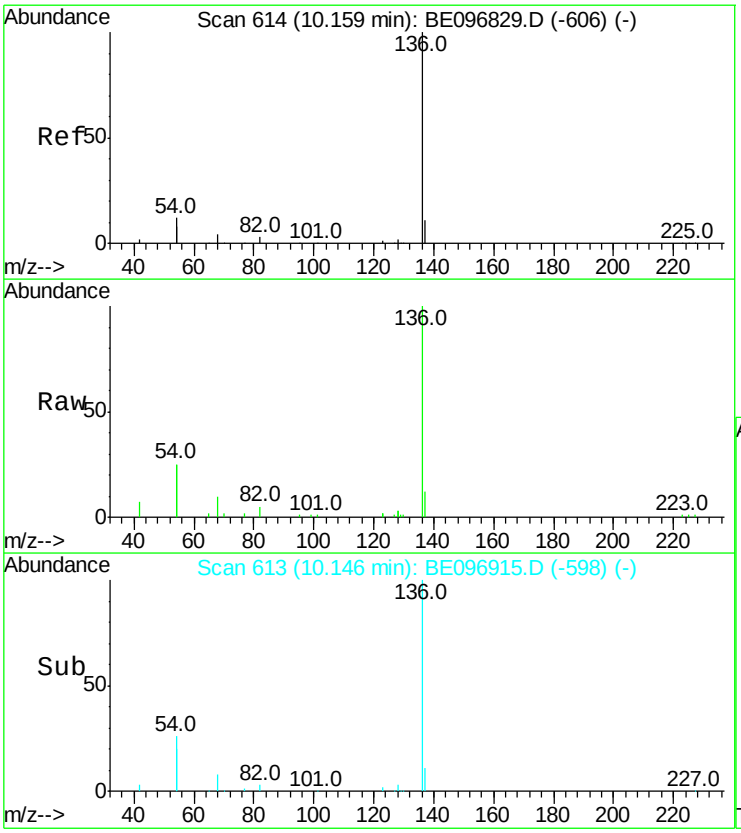
#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Instrument :
BNA_E
ClientSampleId :
RE120D1-071118

Tgt Ion: 93 Resp: 266

Ion	Ratio	Lower	Upper
93	100		
63	313.2	275.3	412.9
95	31.6	25.2	37.8

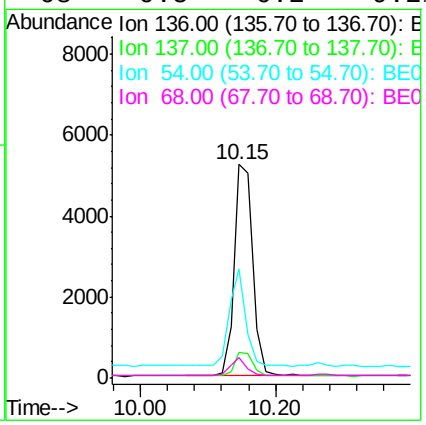


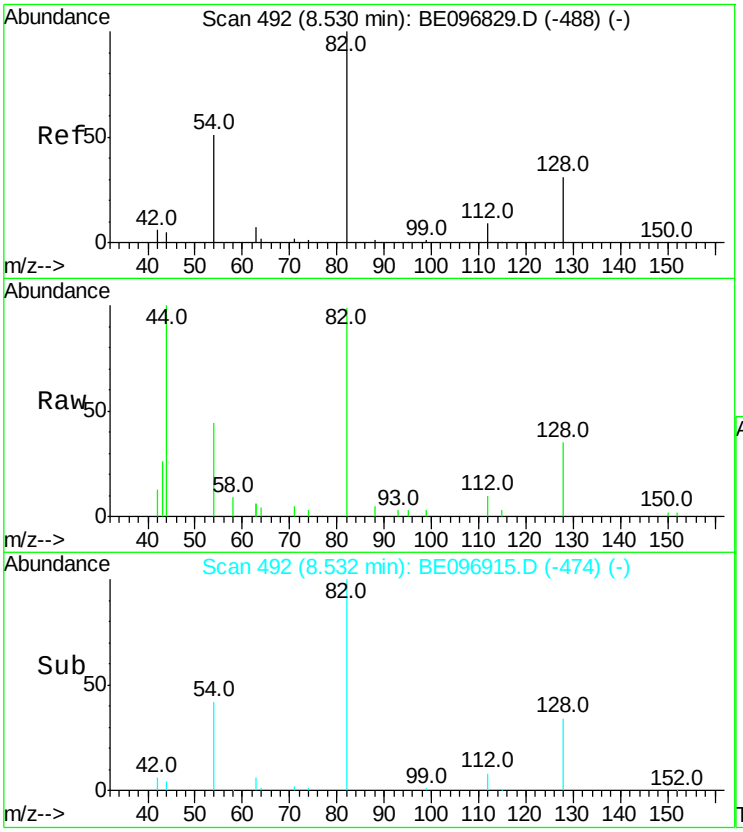


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Tgt Ion:136 Resp: 10065

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	50.7	29.1	43.7#
68	9.5	6.2	9.2#



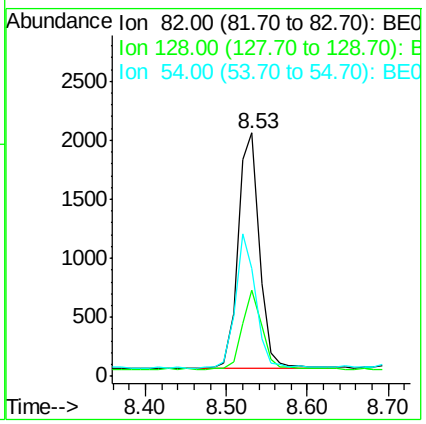


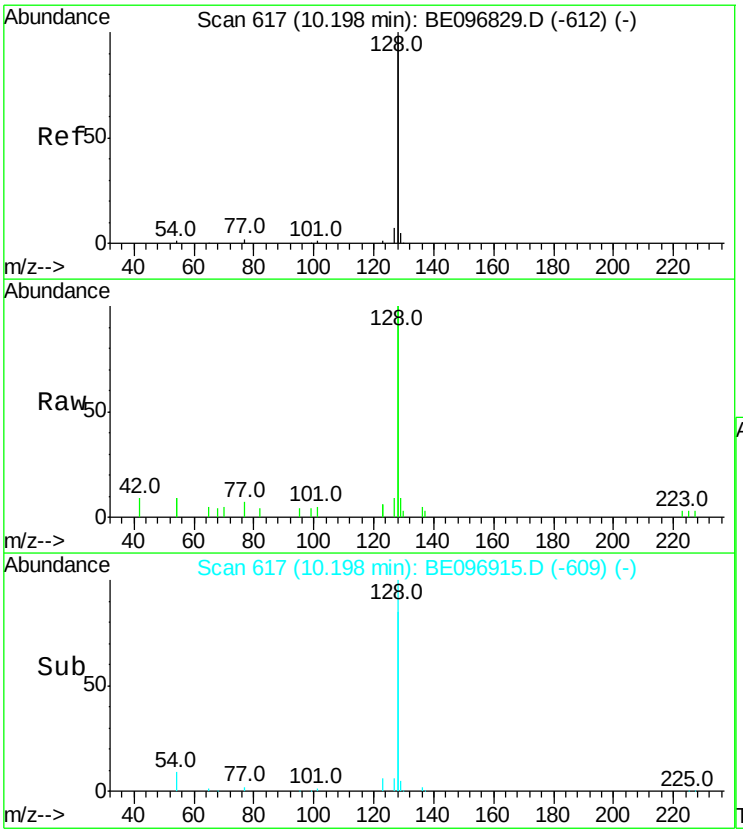
#8
Nitrobenzene-d5
Concen: 0.596 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Instrument :
BNA_E
ClientSampleId :
RE120D1-071118

Tgt Ion: 82 Resp: 3631

Ion	Ratio	Lower	Upper
82	100		
128	35.5	24.0	36.0
54	44.5	40.0	60.0

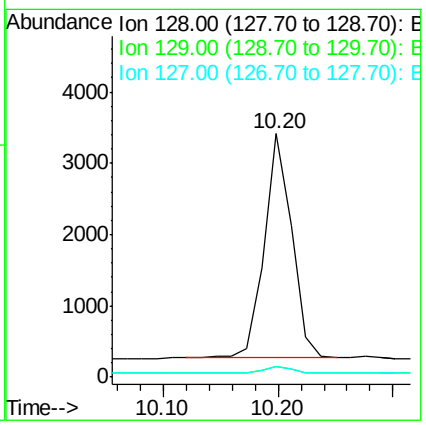


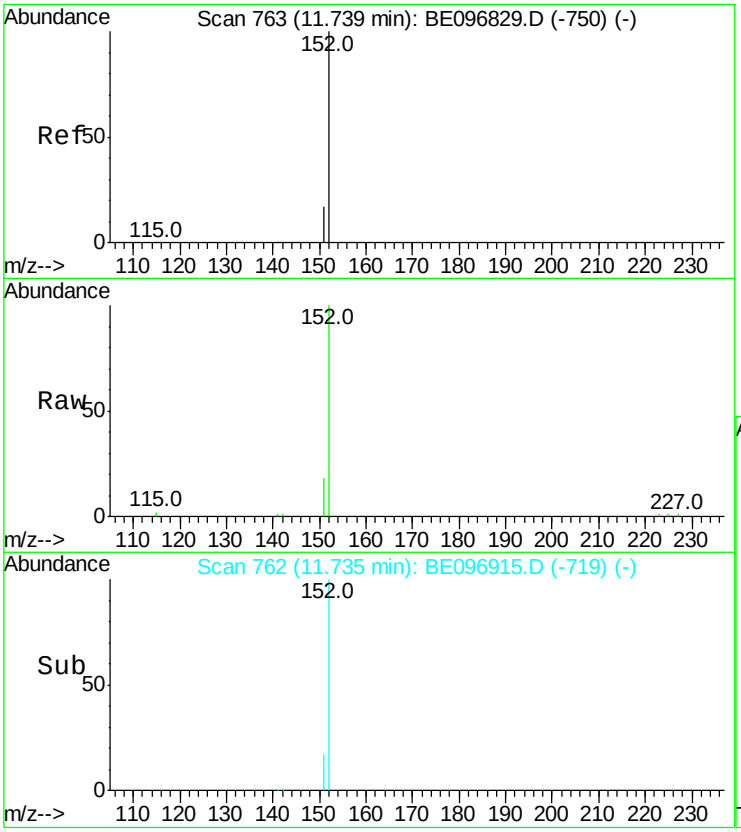


#9
Naphthalene
Concen: 0.057 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Tgt Ion:128 Resp: 5242

Ion	Ratio	Lower	Upper
128	100		
129	4.4	2.6	3.8#
127	4.5	2.8	4.2#



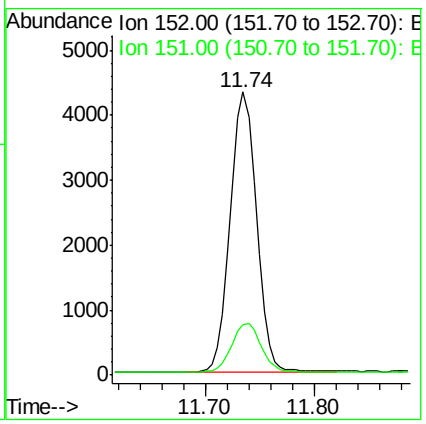


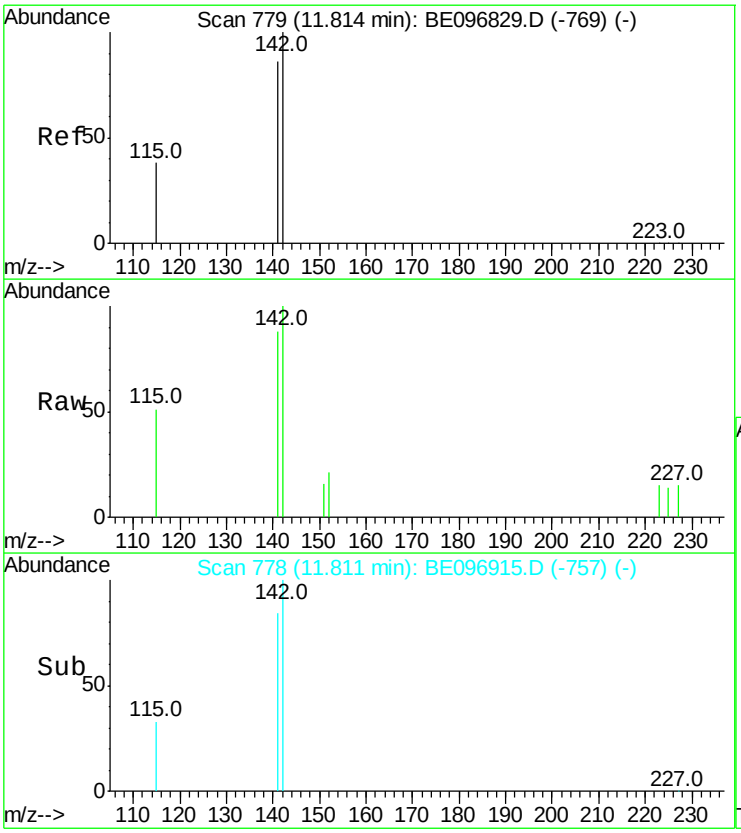
#11
2-Methylnaphthalene-d10
Concen: 0.485 ng
RT: 11.74 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Instrument :
BNA_E
ClientSampleId :
RE120D1-071118

Tgt Ion:152 Resp: 7022

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

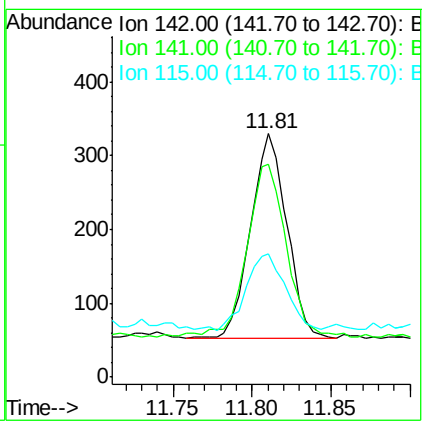


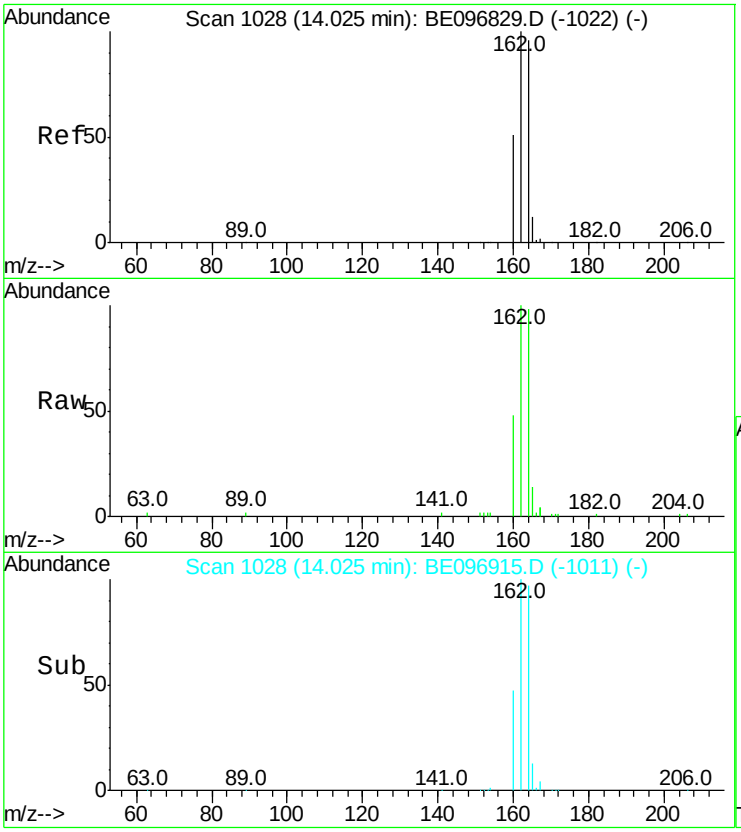


#12
2-Methylnaphthalene
Concen: 0.029 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Tgt Ion:142 Resp: 439

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	50.6	31.7	47.5#



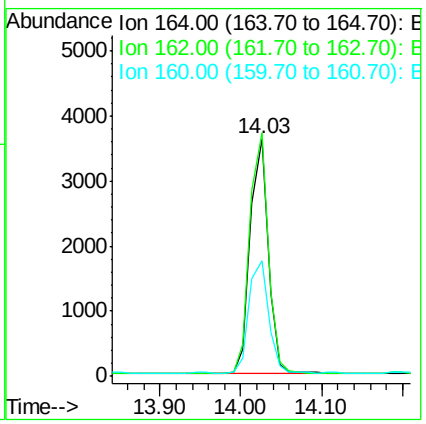


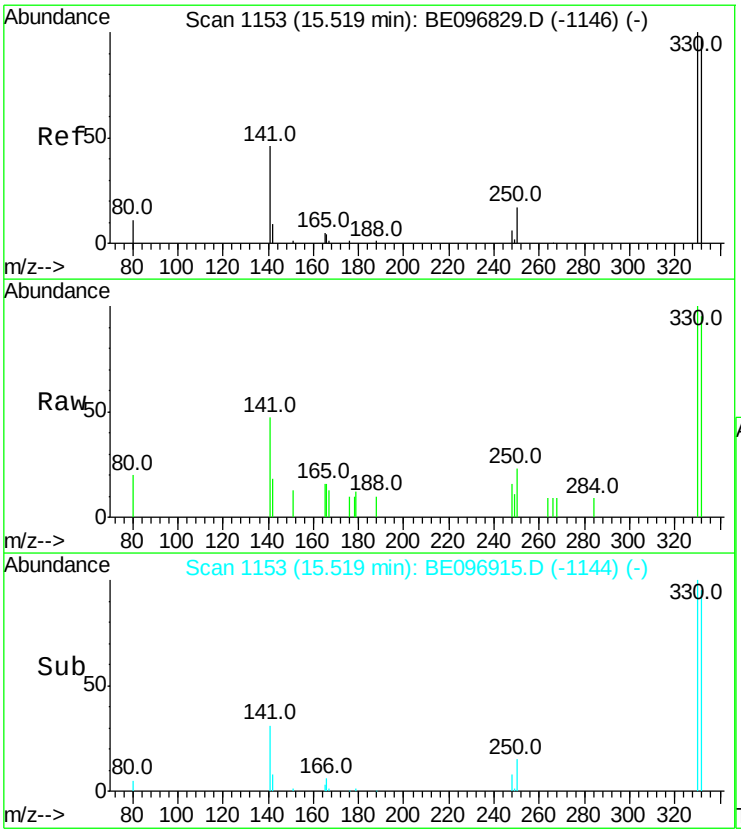
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Instrument :
BNA_E
ClientSampleId :
RE120D1-071118

Tgt Ion:164 Resp: 5525

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.1	124.7
160	48.9	37.1	55.7

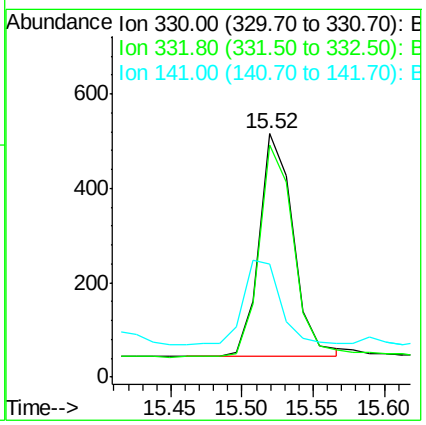


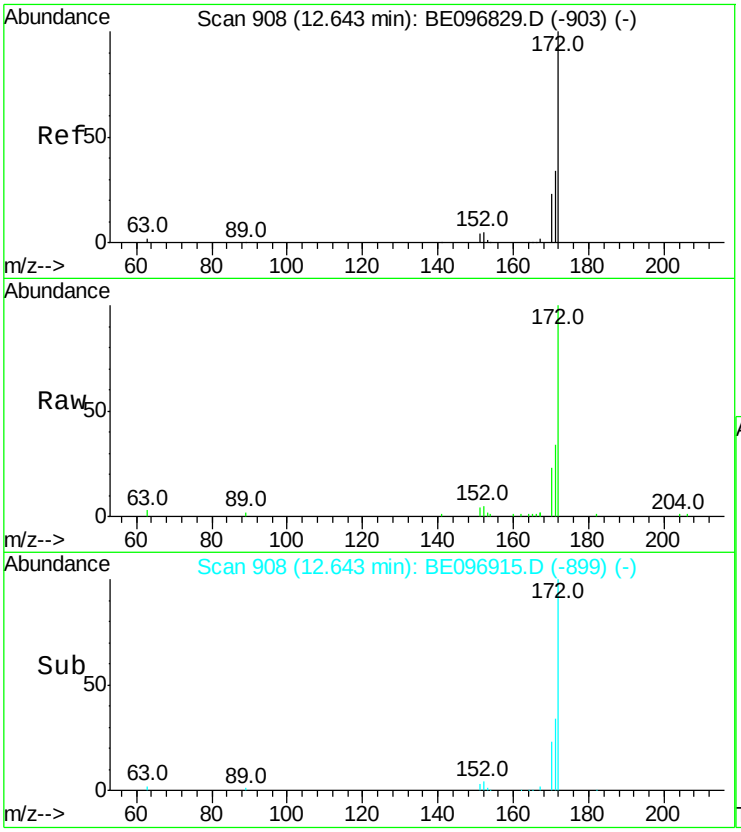


#14
2,4,6-Tribromophenol
Concen: 0.566 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Tgt Ion:330 Resp: 778

Ion	Ratio	Lower	Upper
330	100		
332	96.9	152.7	229.1#
141	41.5	33.7	50.5



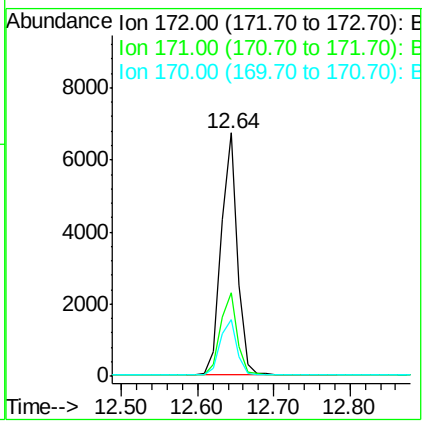


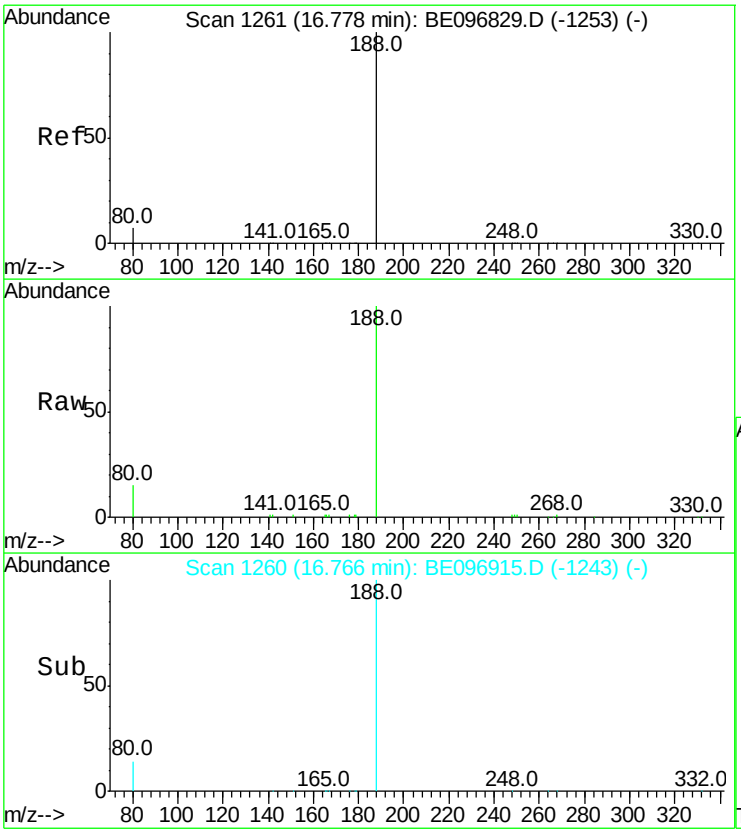
#15
2-Fluorobiphenyl
Concen: 0.500 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Instrument : BNA_E
ClientSampleId : RE120D1-071118

Tgt Ion:172 Resp: 10116

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	23.1	21.8	32.8

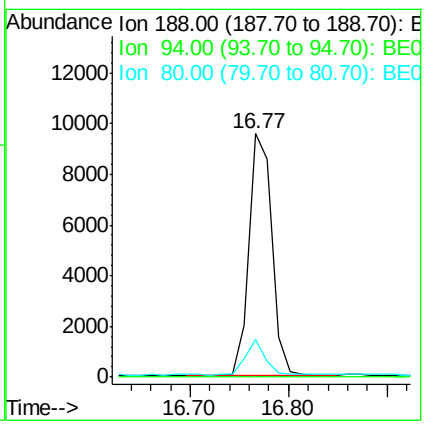


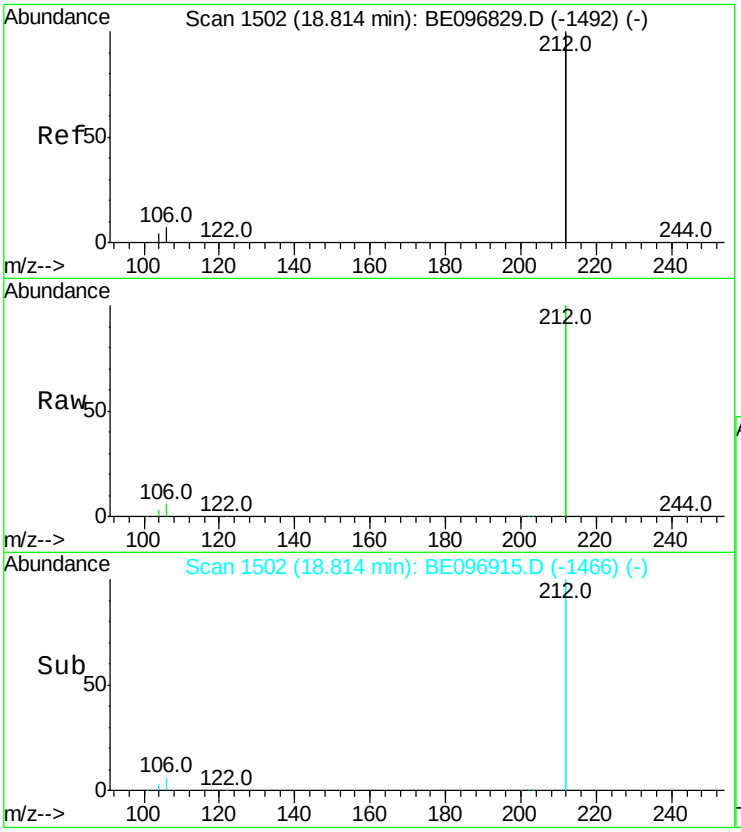


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Tgt Ion:188 Resp: 15424

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.2	3.6	5.4#



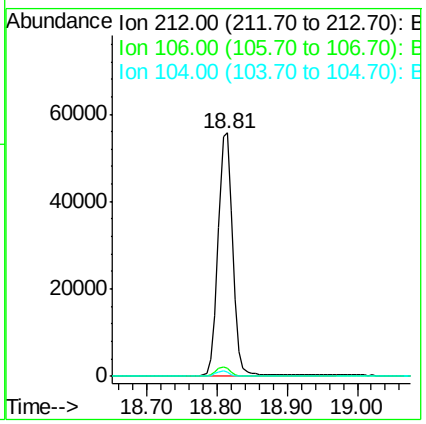


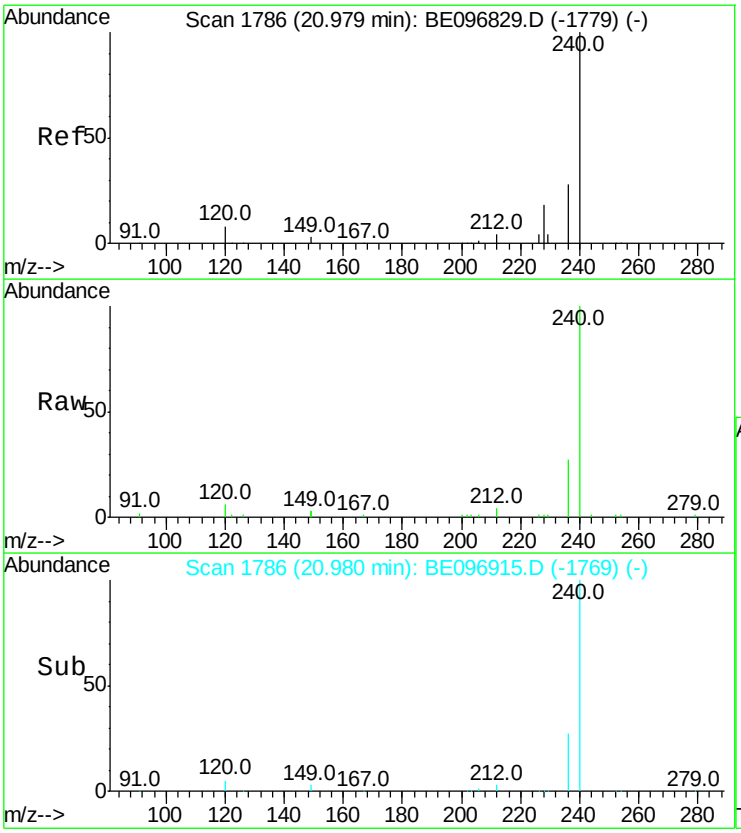
#25
Fluoranthene-d10
Concen: 0.580 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Instrument :
BNA_E
ClientSampleId :
RE120D1-071118

Tgt Ion:212 Resp: 78746

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	1.9	1.6	2.4

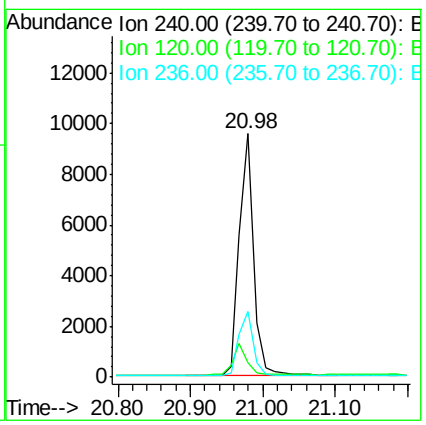


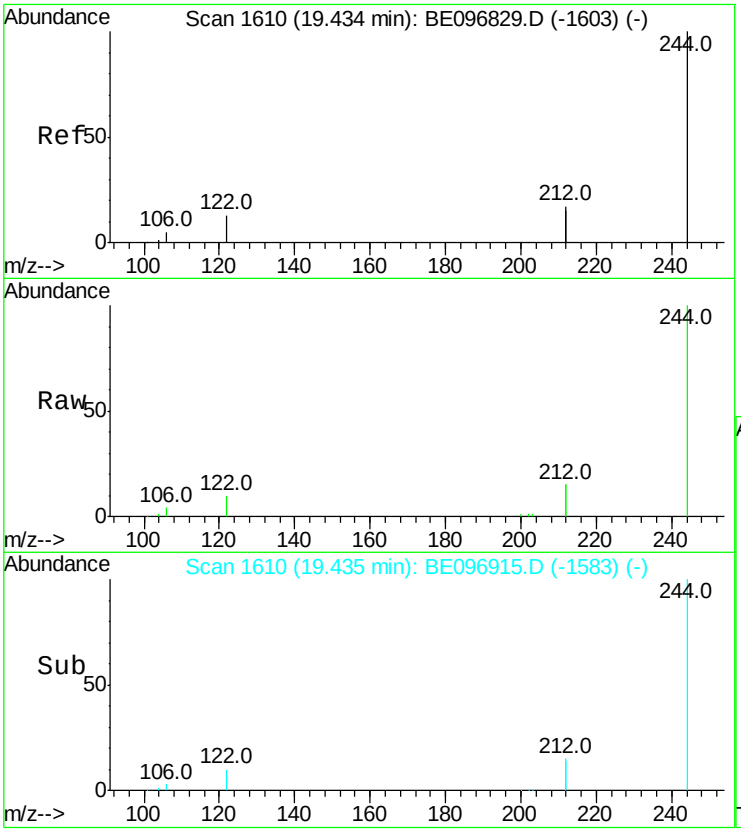


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Tgt Ion:240 Resp: 13340

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.5	8.3
236	27.2	20.7	31.1



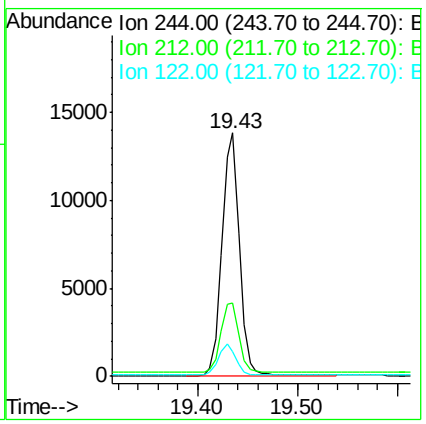


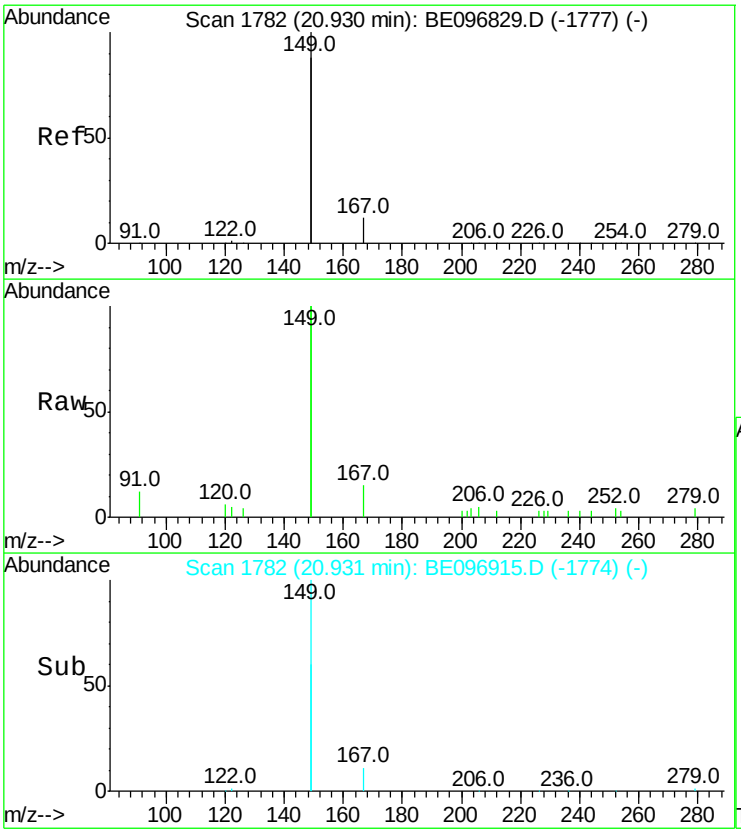
#29
Terphenyl-d14
Concen: 0.645 ng
RT: 19.43 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Instrument :
BNA_E
ClientSampleId :
RE120D1-071118

Tgt Ion:244 Resp: 16601

Ion	Ratio	Lower	Upper
244	100		
212	30.3	25.4	38.0
122	10.1	8.1	12.1

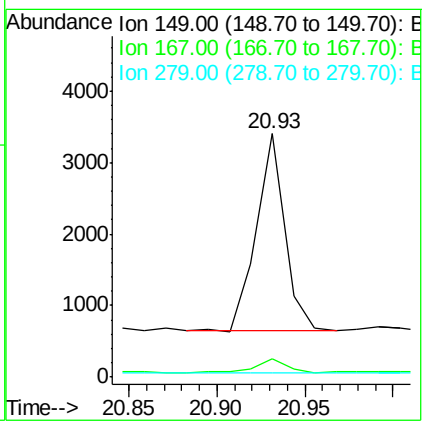


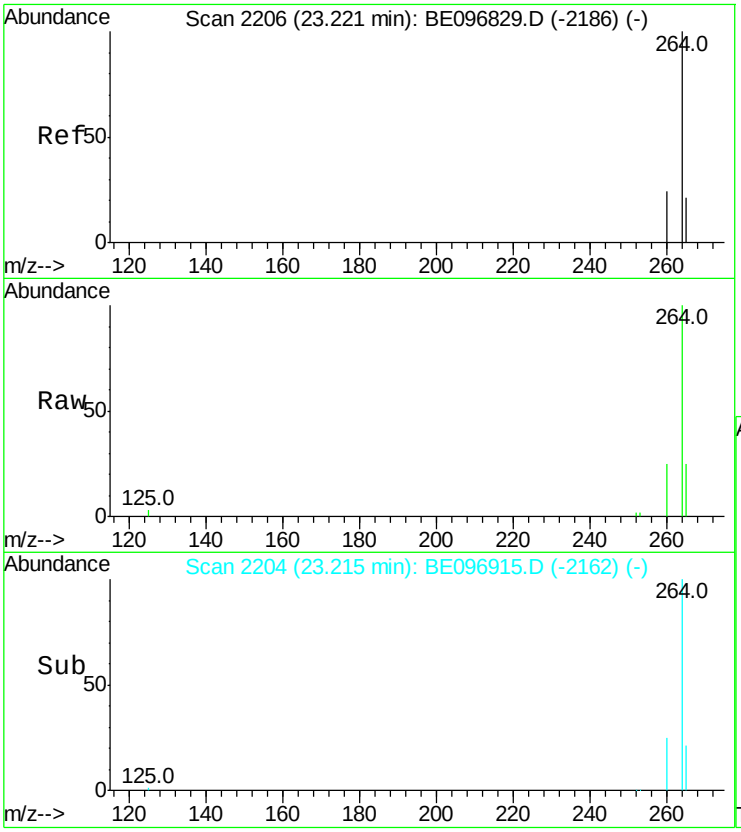


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 20.93 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Tgt Ion:149 Resp: 3075

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	0.7	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE096915.D
Acq: 13 Jul 2018 20:23

Instrument :
BNA_E
ClientSampleId :
RE120D1-071118

Tgt Ion:264 Resp: 14160

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	24.5	22.8	34.2