Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095979.D
Acq On : 11 Apr 2018 20:09
Operator : SJ/JU
Sample : J2215-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RW-12I-20180328

Quant Time: Apr 12 04:16:42 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 17:26:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1364	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5345	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	3002	0.40	ng	0.00
19) Phenanthrene-d10	17.68	188	6871	0.40	ng	0.00
27) Chrysene-d12	21.78	240	7453	0.40	ng	0.00
34) Perylene-d12	24.39	264	7125	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	711	0.17	ng	0.00
5) Phenol-d6	7.53	99	608	0.10	ng	0.00
8) Nitrobenzene-d5	9.57	82	3228	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	3658	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	813	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	9912	0.77	ng	0.00
25) Fluoranthene-d10	19.66	212	40106	0.43	ng	0.00
29) Terphenyl-d14	20.22	244	8898	0.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	22643	10.747	ng	# 88
6) bis(2-Chloroethyl)ether	7.78	93	464	0.091	ng	# 81
9) Naphthalene	11.27	128	1771	0.031	ng	# 88
12) 2-Methylnaphthalene	12.84	142	345	0.037	ng	# 84
22) Pentachlorophenol	17.33	266	397	0.347	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.62	149	5878	0.095	ng	# 99

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

Quantitation Report (QT Reviewed)

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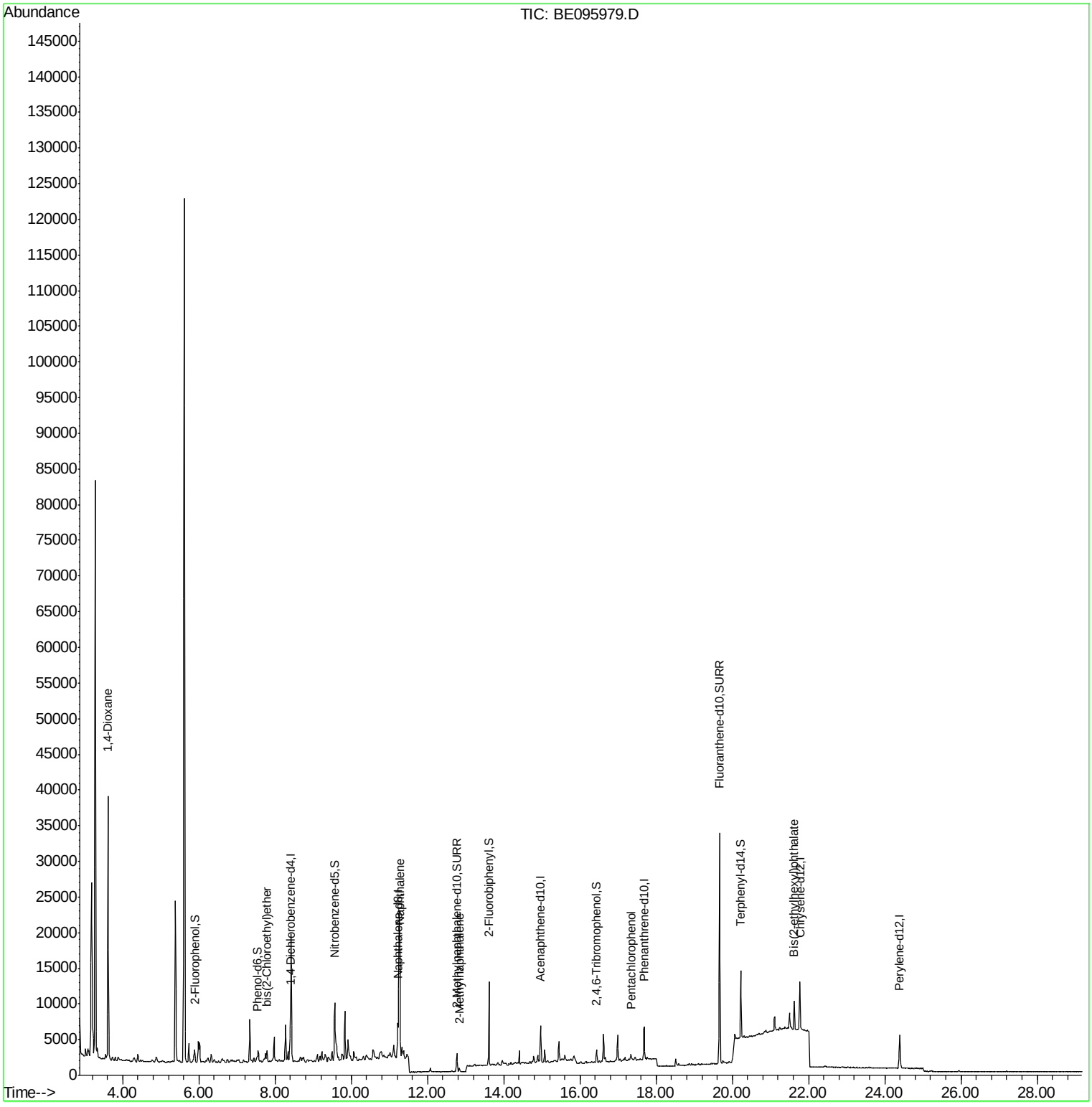
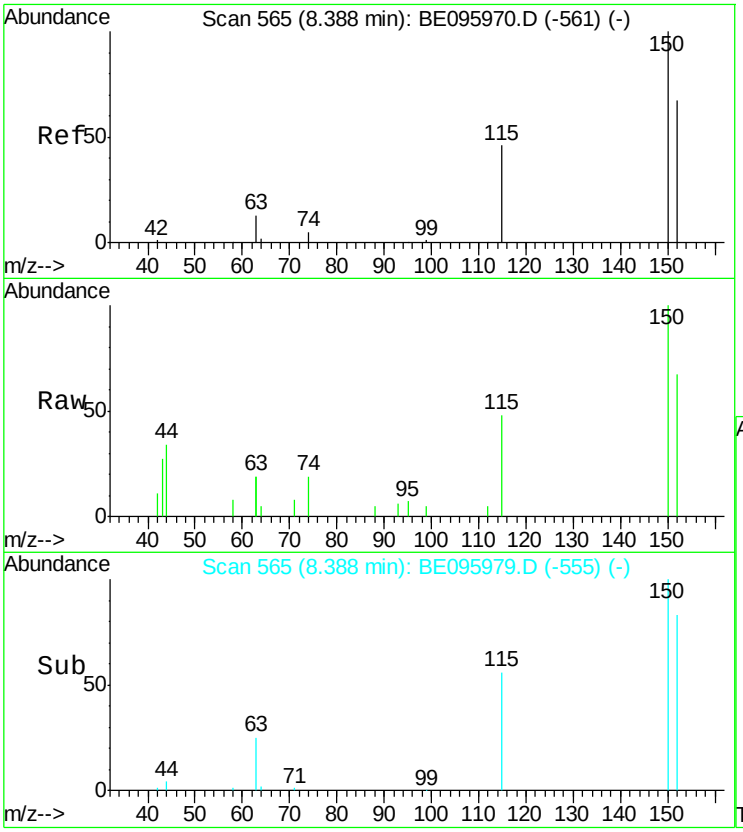


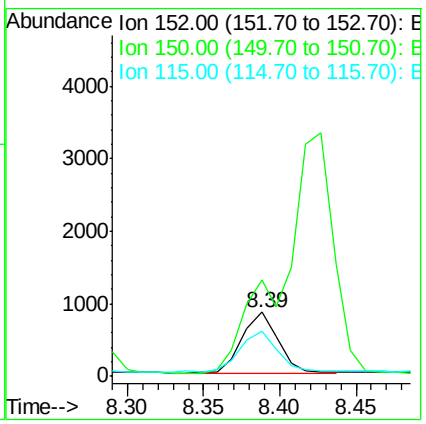


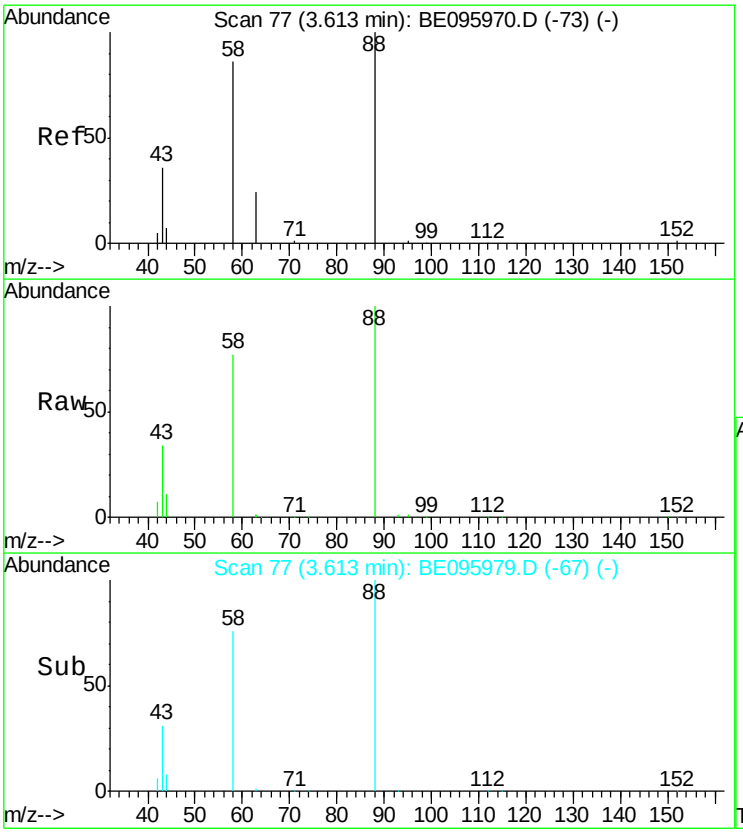
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. 0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Instrument :
BNA_E
ClientSampleId :
RW-12I-20180328

Tgt Ion:152 Resp: 1364

Ion	Ratio	Lower	Upper
152	100		
150	149.5	117.2	175.8
115	71.2	57.0	85.6

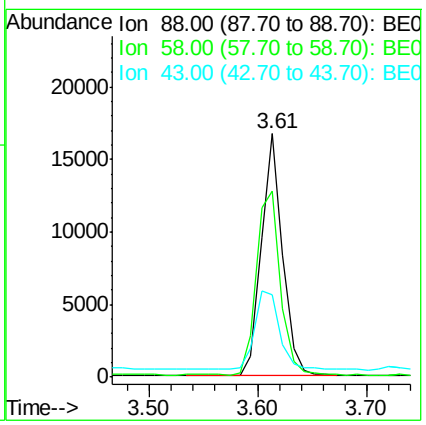


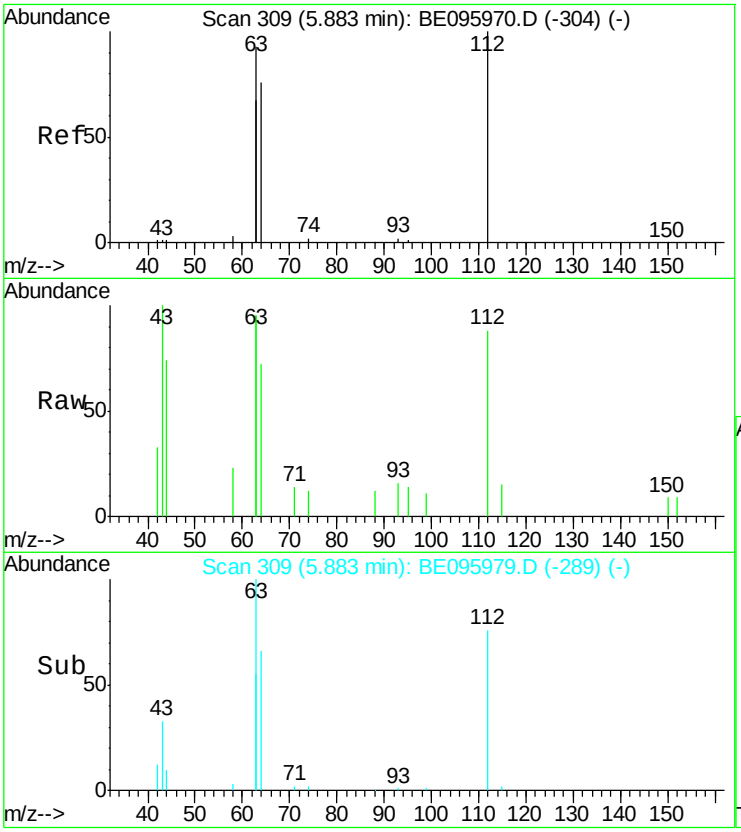


#2
1,4-Dioxane
Concen: 10.747 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Tgt Ion: 88 Resp: 22643

Ion	Ratio	Lower	Upper
88	100		
58	85.3	63.2	94.8
43	37.6	41.2	61.8#



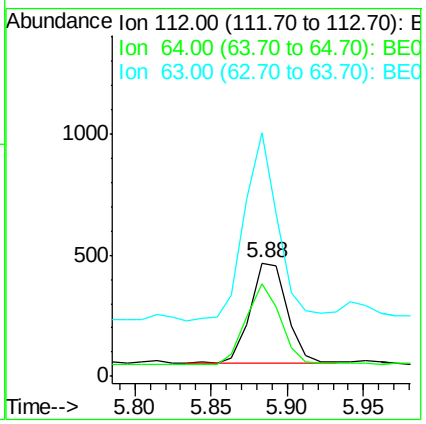


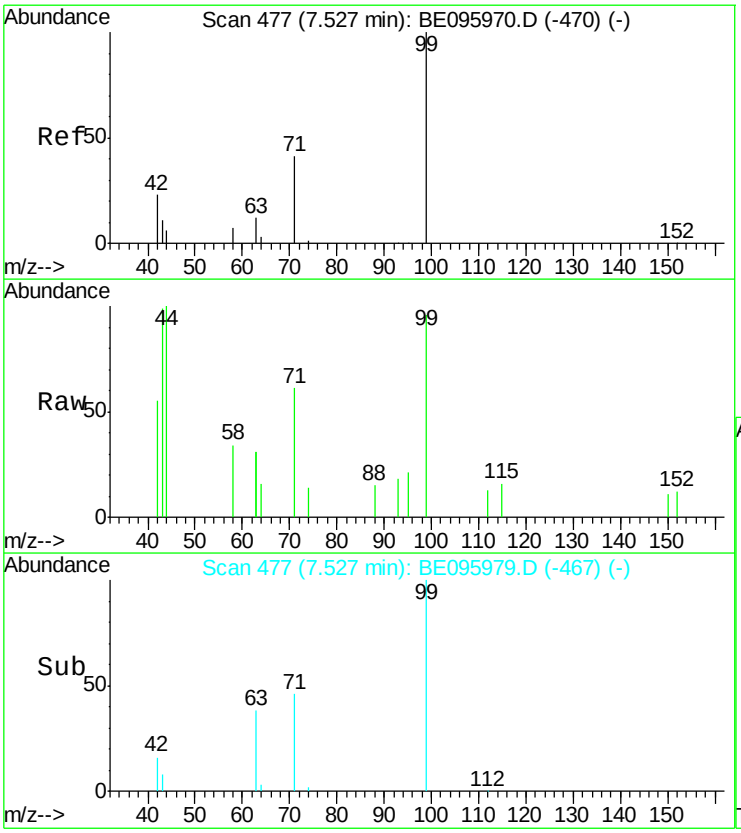
#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.88 min Scan# 309
Delta R.T. 0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Instrument :
BNA_E
ClientSampleId :
RW-12I-20180328

Tgt Ion:112 Resp: 711

Ion	Ratio	Lower	Upper
112	100		
64	76.9	60.1	90.1
63	167.2	116.8	175.2

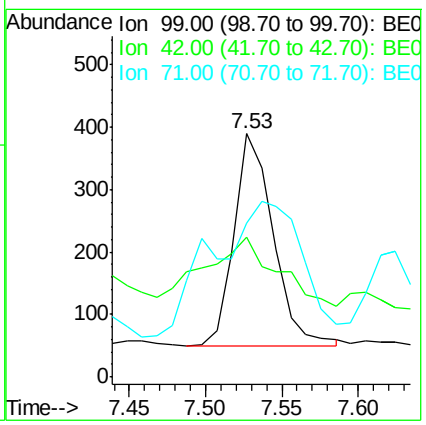


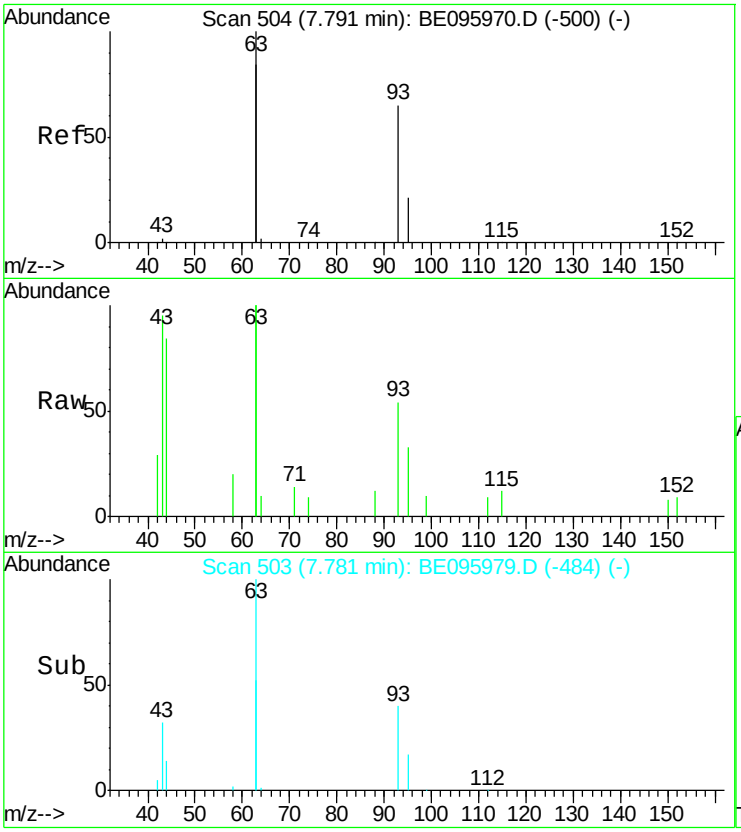


#5
Phenol-d6
Concen: 0.104 ng
RT: 7.53 min Scan# 477
Delta R.T. 0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Tgt Ion: 99 Resp: 608

Ion	Ratio	Lower	Upper
99	100		
42	59.2	20.2	30.2#
71	146.1	28.4	42.6#



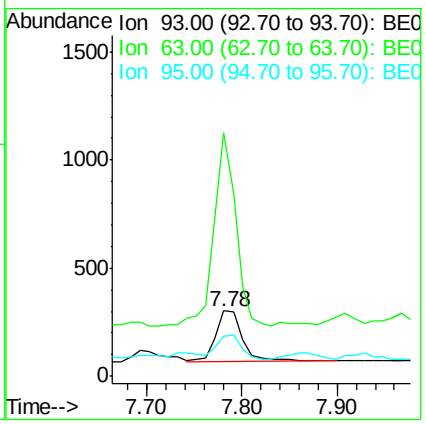


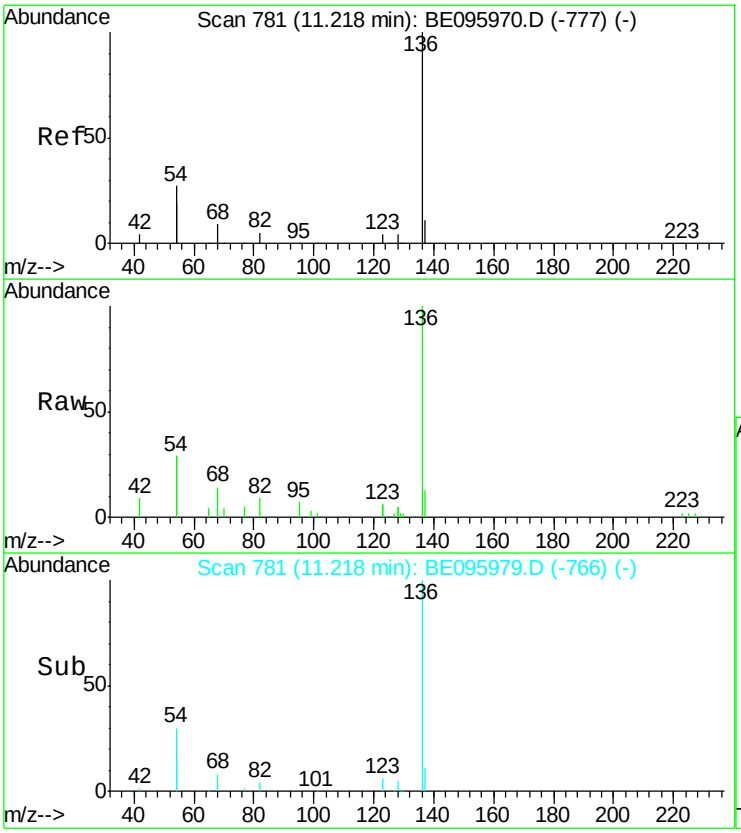
#6
bis(2-Chloroethyl)ether
Concen: 0.091 ng
RT: 7.78 min Scan# 503
Delta R.T. -0.01 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Instrument :
BNA_E
ClientSampleId :
RW-12I-20180328

Tgt Ion: 93 Resp: 464

Ion	Ratio	Lower	Upper
93	100		
63	303.9	275.3	412.9
95	41.2	25.2	37.8#

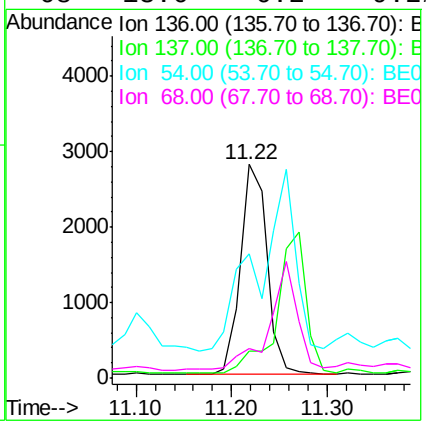


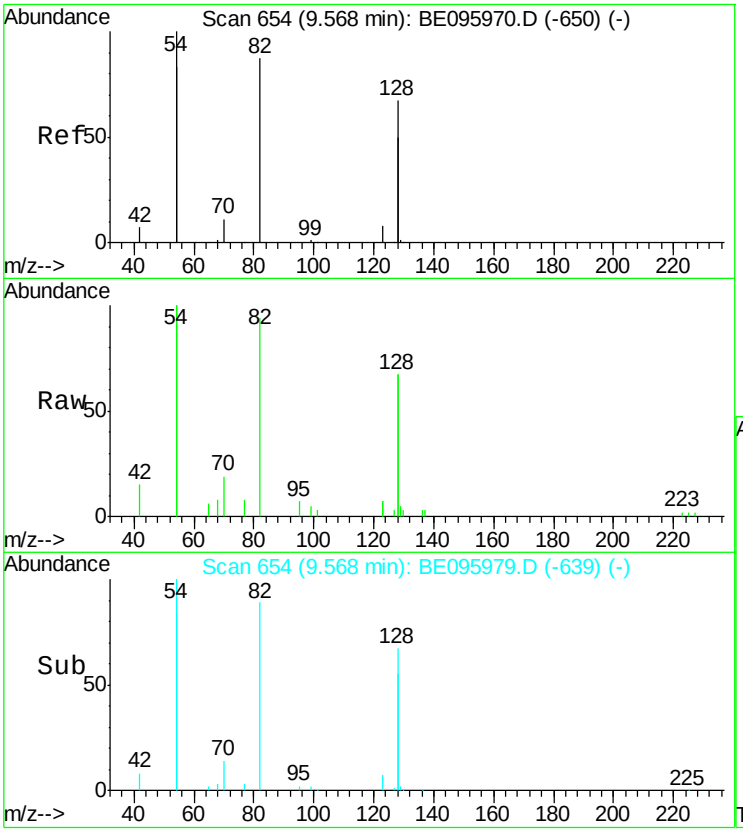


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.22 min Scan# 781
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Tgt Ion:136 Resp: 5345

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	58.2	29.1	43.7#
68	13.6	6.2	9.2#



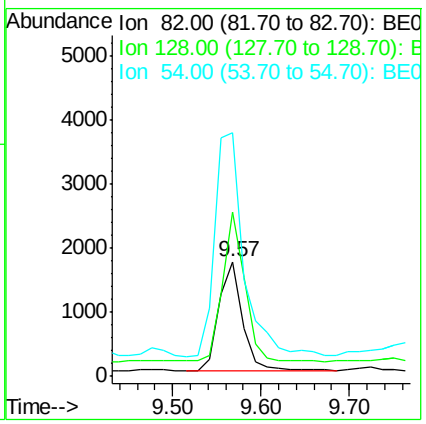


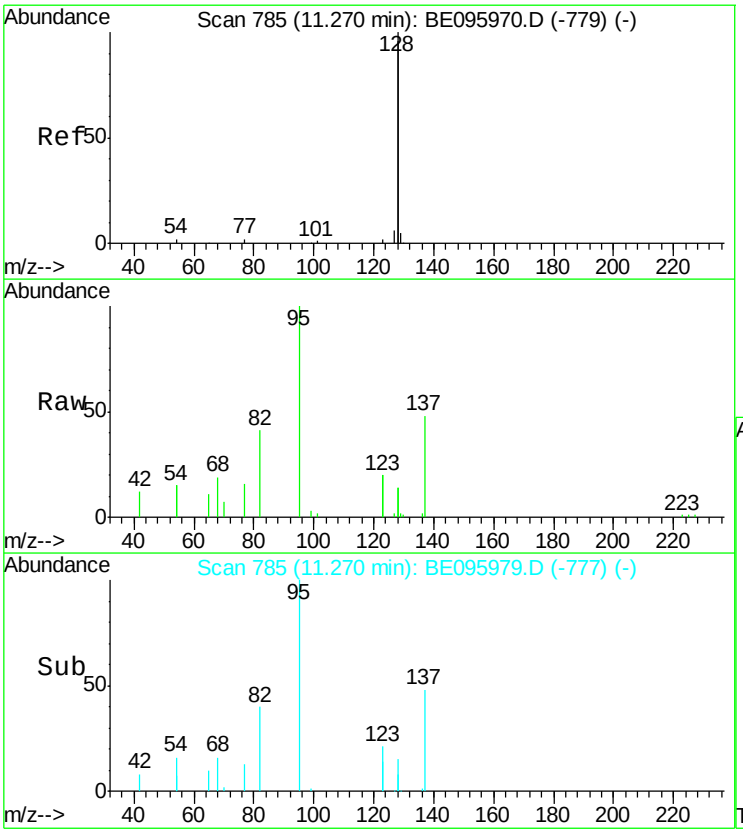
#8
Nitrobenzene-d5
Concen: 0.515 ng
RT: 9.57 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Instrument :
BNA_E
ClientSampleId :
RW-12I-20180328

Tgt Ion: 82 Resp: 3228

Ion	Ratio	Lower	Upper
82	100		
128	143.7	150.0	225.0#
54	213.0	154.2	231.4

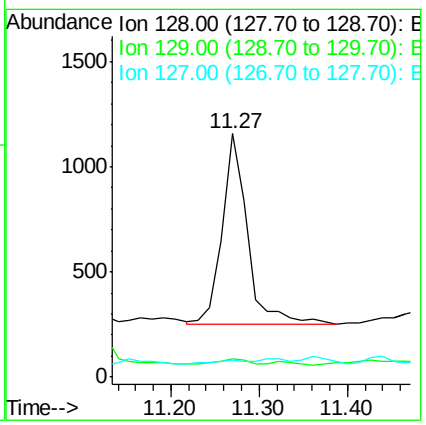


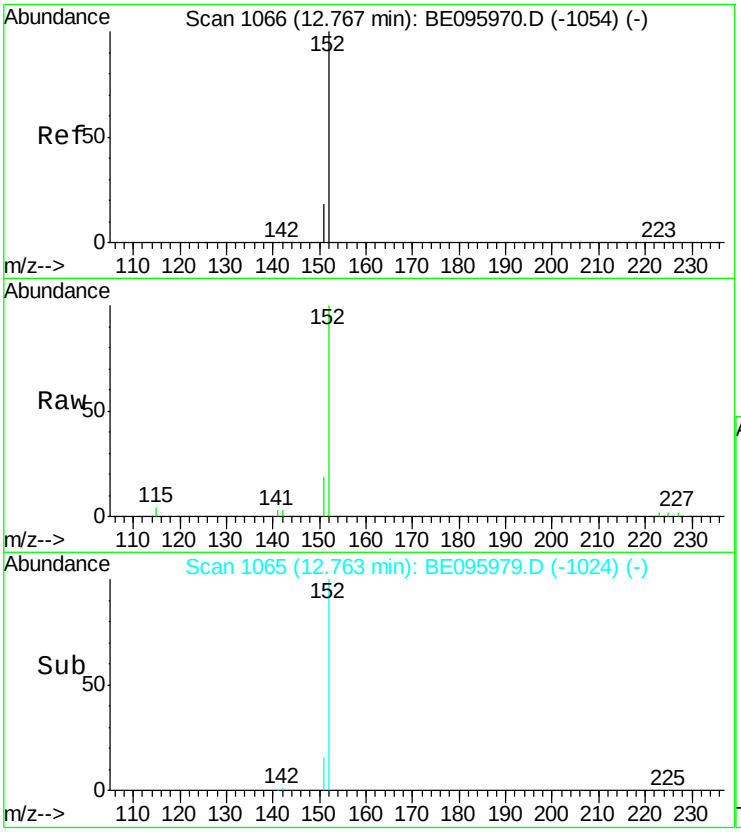


#9
Naphthalene
Concen: 0.031 ng
RT: 11.27 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Tgt Ion:128 Resp: 1771

Ion	Ratio	Lower	Upper
128	100		
129	7.4	2.6	3.8#
127	7.2	2.8	4.2#



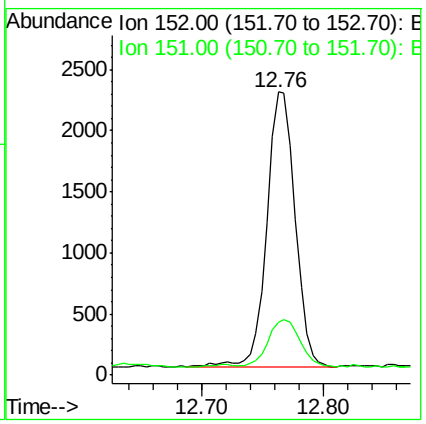


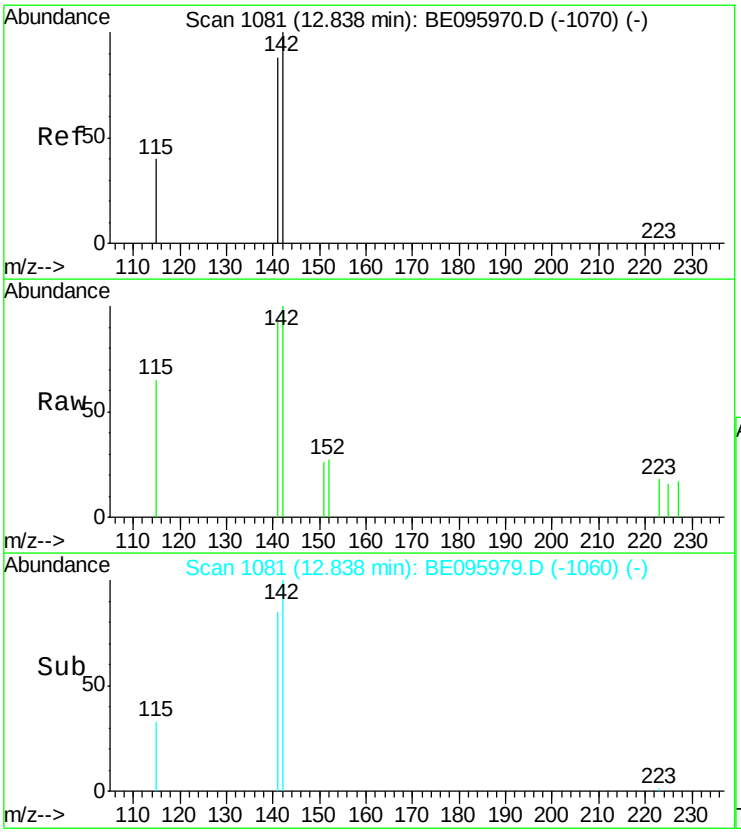
#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.76 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Instrument :
BNA_E
ClientSampleId :
RW-12I-20180328

Tgt Ion:152 Resp: 3658

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

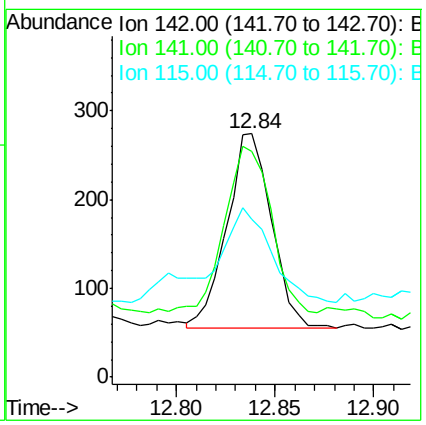


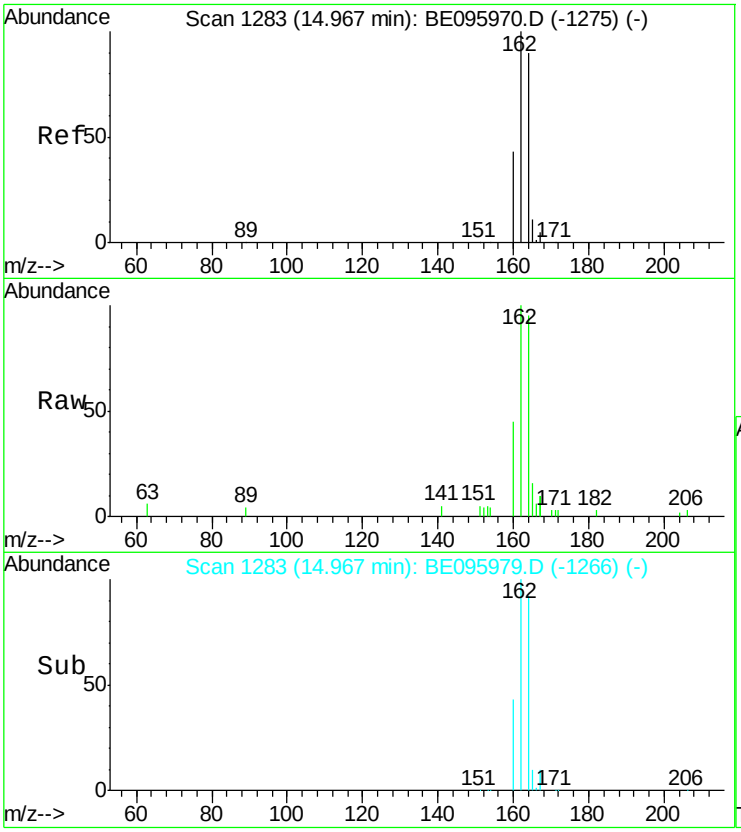


#12
2-Methylnaphthalene
Concen: 0.037 ng
RT: 12.84 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Tgt Ion:142 Resp: 345

Ion	Ratio	Lower	Upper
142	100		
141	92.7	70.4	105.6
115	65.0	31.7	47.5#



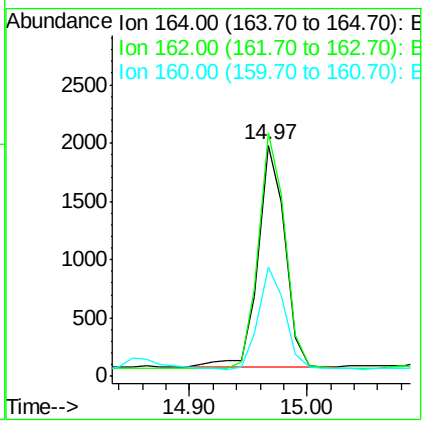


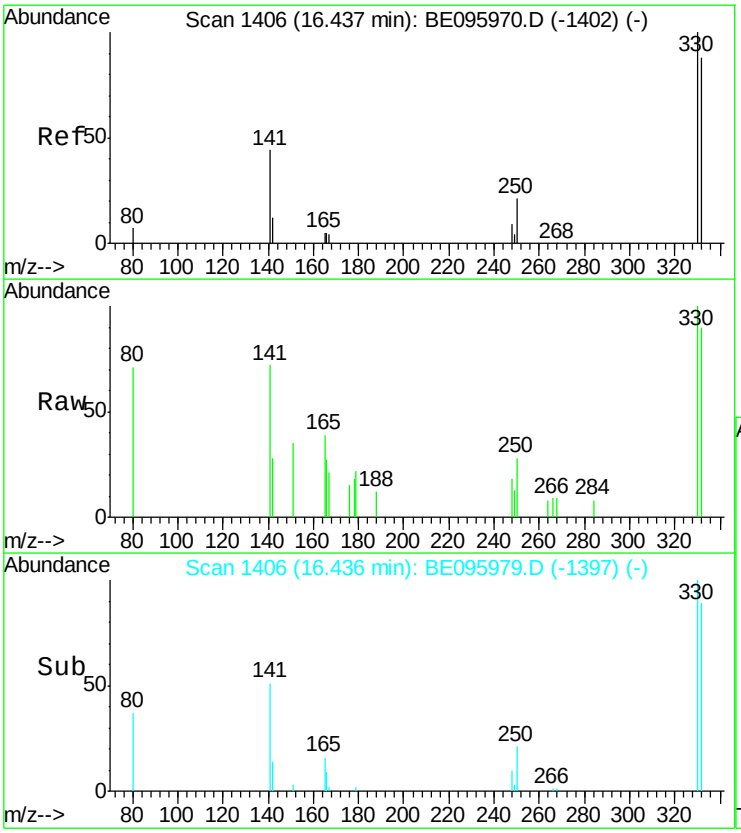
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.97 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Instrument :
BNA_E
ClientSampleId :
RW-12I-20180328

Tgt Ion:164 Resp: 3002

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.1	124.7
160	47.4	37.1	55.7

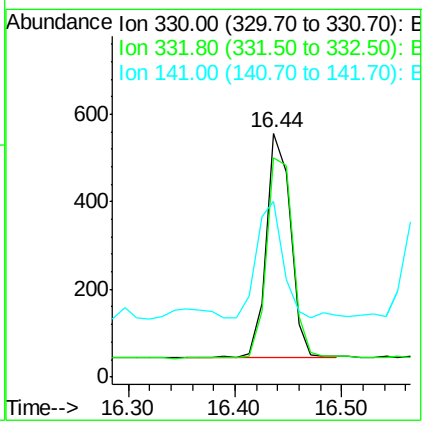


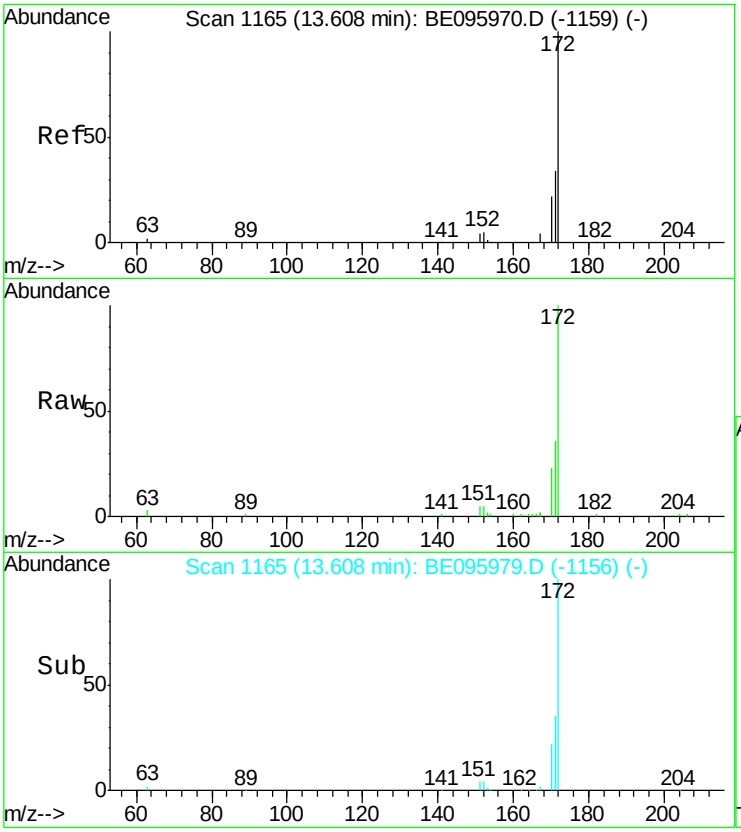


#14
2,4,6-Tribromophenol
Concen: 0.561 ng
RT: 16.44 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Tgt Ion:330 Resp: 813

Ion	Ratio	Lower	Upper
330	100		
332	95.6	152.7	229.1#
141	58.1	33.7	50.5#



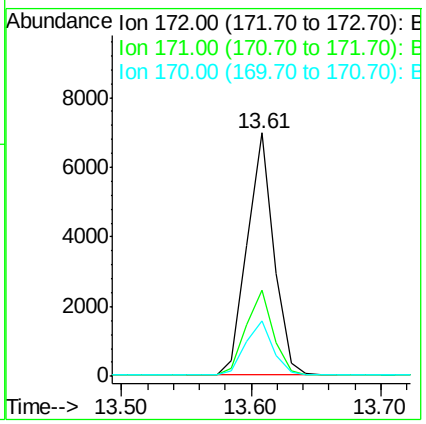


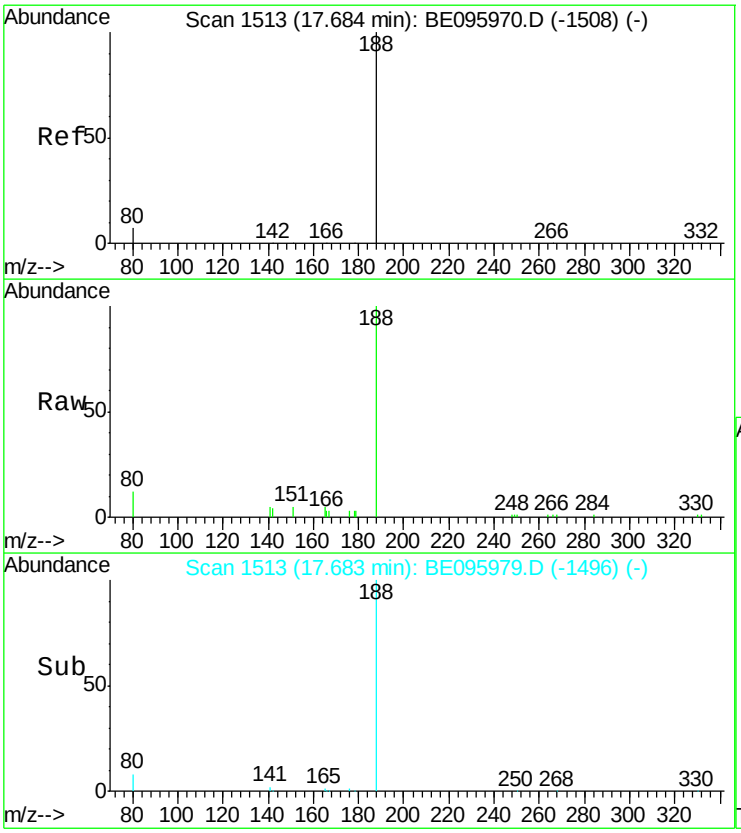
#15
2-Fluorobiphenyl
Concen: 0.772 ng
RT: 13.61 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Instrument :
BNA_E
ClientSampleId :
RW-12I-20180328

Tgt Ion:172 Resp: 9912

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	22.5	21.8	32.8

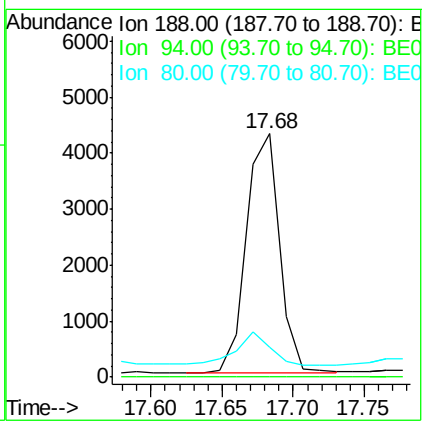


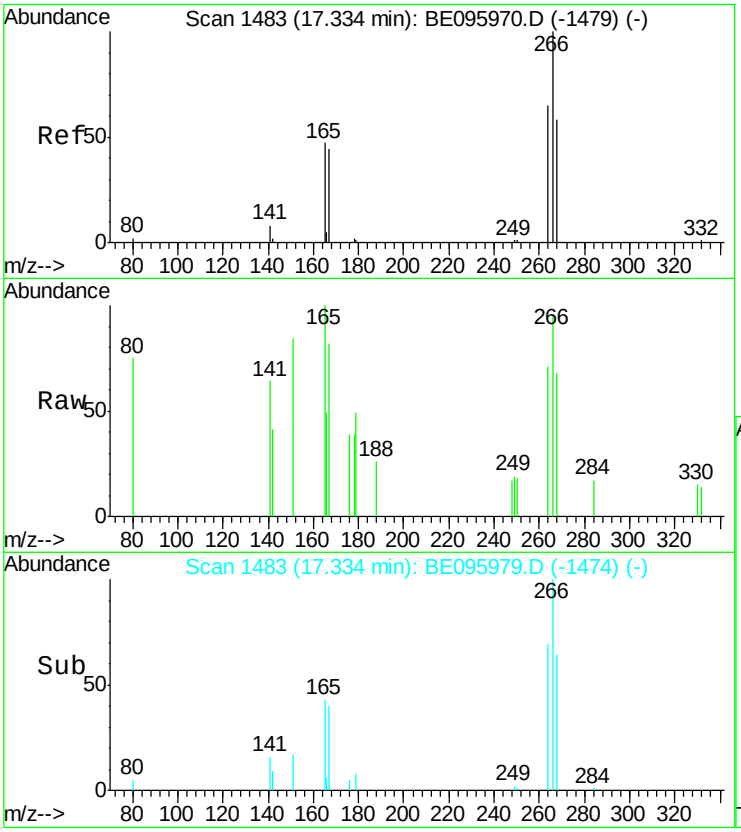


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.68 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Tgt Ion:188 Resp: 6871

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.3	3.6	5.4#



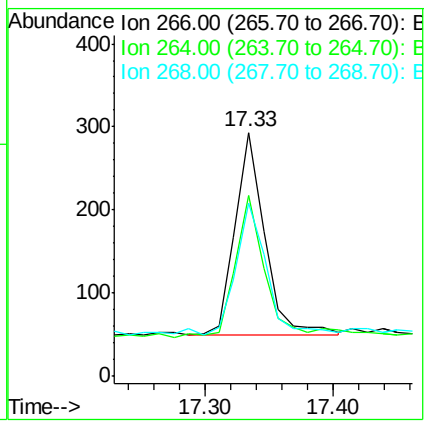


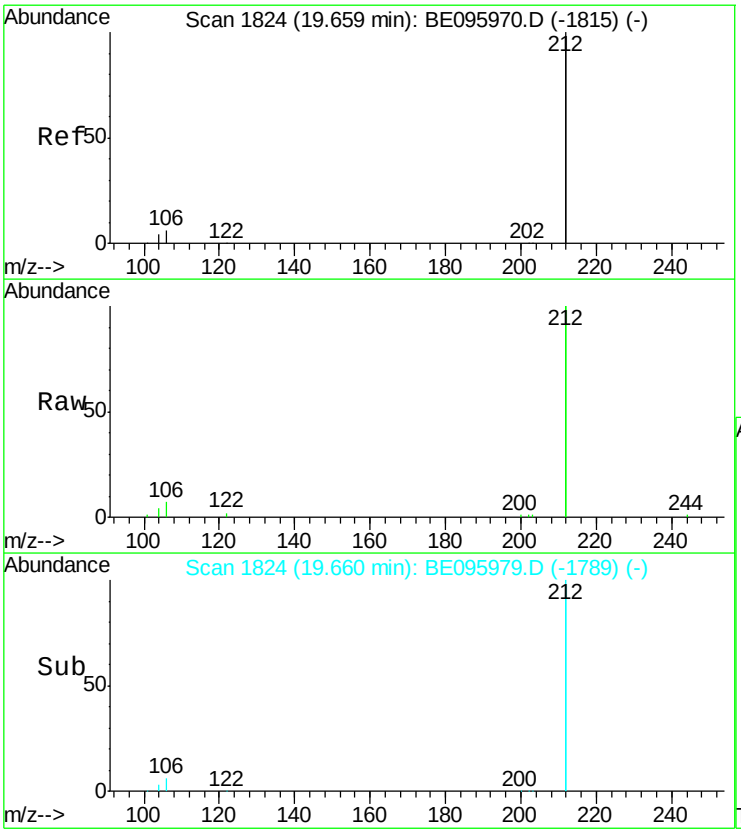
#22
Pentachlorophenol
Concen: 0.347 ng
RT: 17.33 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Instrument :
BNA_E
ClientSampleId :
RW-12I-20180328

Tgt Ion:266 Resp: 397

Ion	Ratio	Lower	Upper
266	100		
264	74.1	72.5	108.7
268	71.3	73.8	110.6#

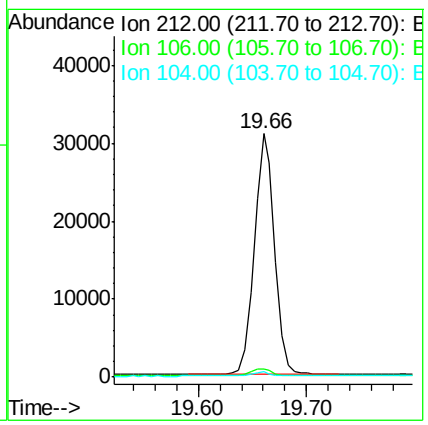


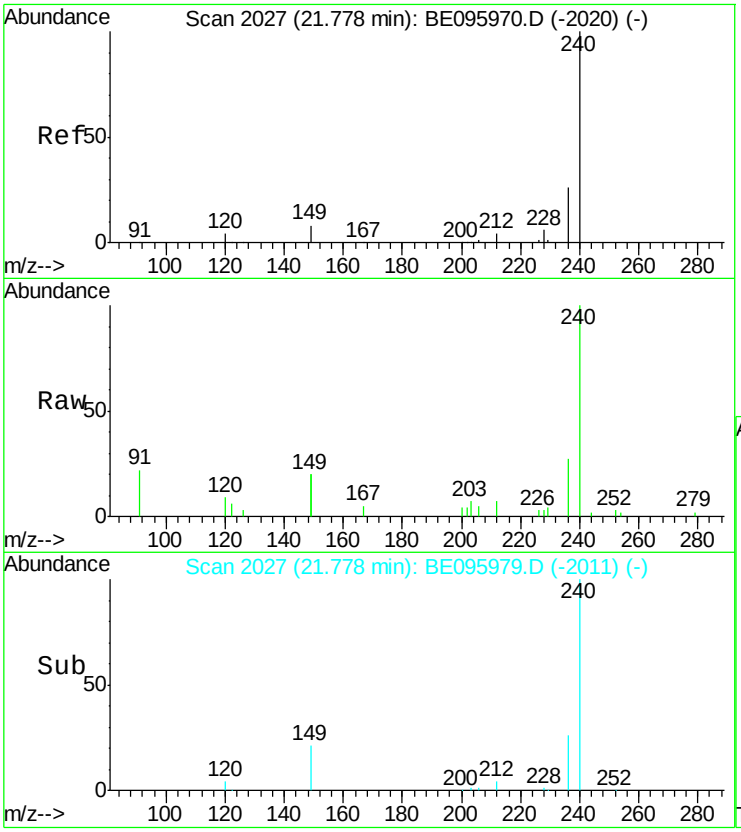


#25
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.66 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Tgt Ion:212 Resp: 40106

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4



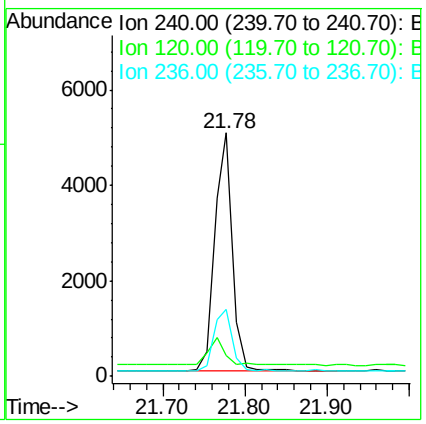


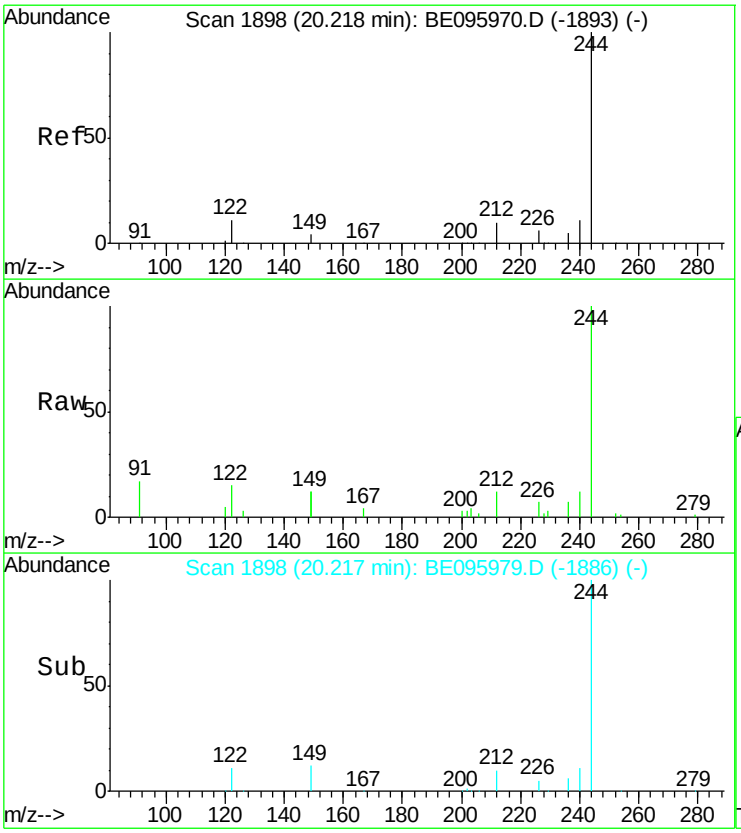
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Instrument :
BNA_E
ClientSampleId :
RW-12I-20180328

Tgt Ion:240 Resp: 7453

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.5	8.3#
236	27.5	20.7	31.1

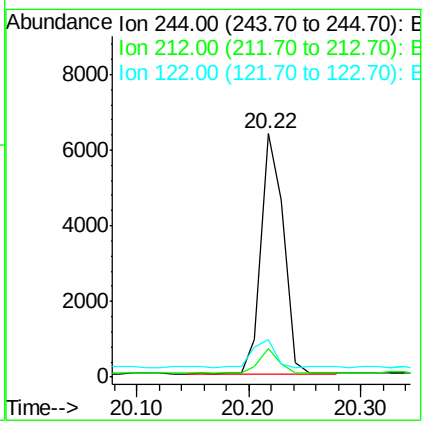


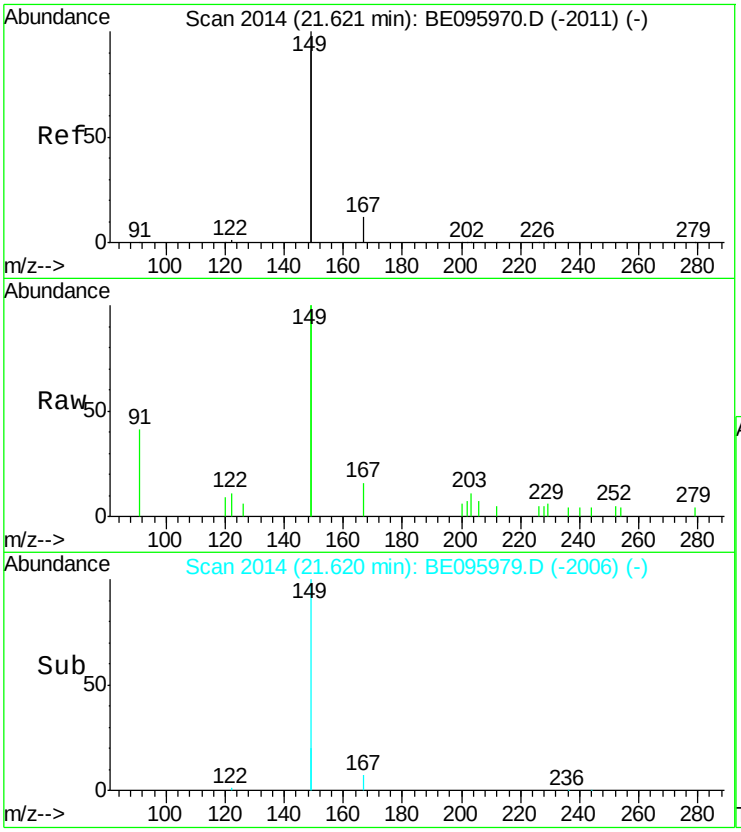


#29
Terphenyl-d14
Concen: 0.540 ng
RT: 20.22 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Tgt Ion:244 Resp: 8898

Ion	Ratio	Lower	Upper
244	100		
212	11.8	25.4	38.0#
122	15.4	8.1	12.1#



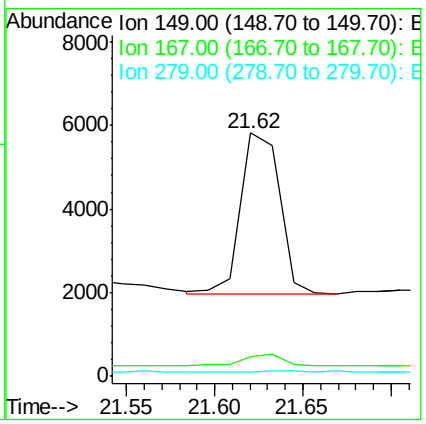


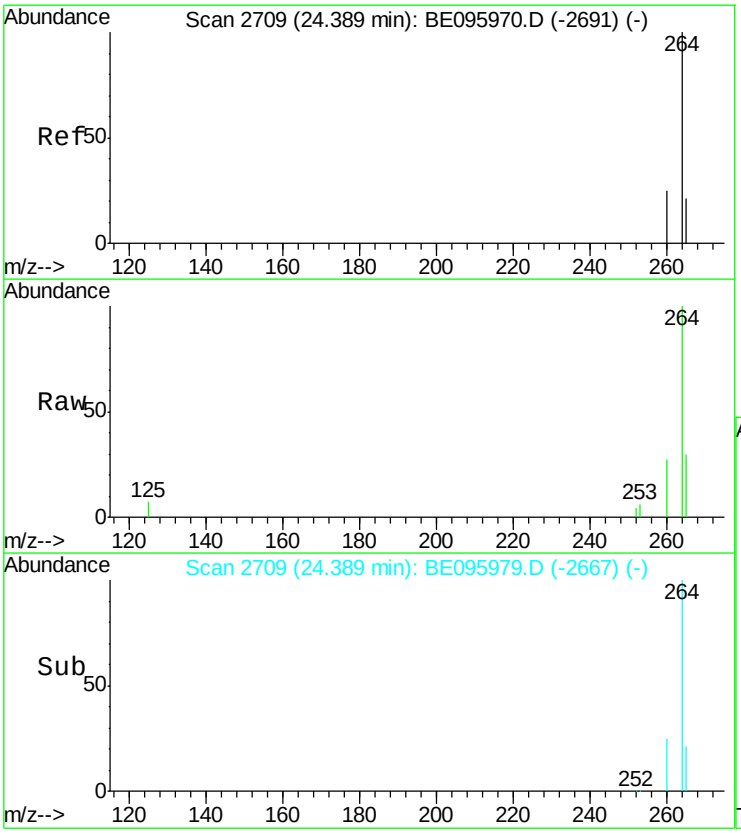
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.62 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Instrument :
BNA_E
ClientSampleId :
RW-12I-20180328

Tgt Ion:149 Resp: 5878

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.7	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.39 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE095979.D
Acq: 11 Apr 2018 20:09

Tgt Ion:264 Resp: 7125

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.5	30.7
265	30.0	22.8	34.2