Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072018\
Data File : BE097027.D
Acq On : 20 Jul 2018 13:46
Operator : SJ/JU
Sample : J4014-17DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 20 14:25:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1359	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6208	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3771	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	10930	0.40	ng		0.00
27) Chrysene-d12	20.98	240	9395	0.40	ng		0.00
34) Perylene-d12	23.21	264	6727	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	226	0.07	ng		0.00
5) Phenol-d6	6.59	99	185	0.04	ng		0.00
8) Nitrobenzene-d5	8.53	82	1064	0.23	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	1795	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	187	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	2931	0.21	ng		0.00
25) Fluoranthene-d10	18.81	212	23803	0.25	ng		0.00
29) Terphenyl-d14	19.43	244	5966	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	5254	2.701	ng	#	90
6) bis(2-Chloroethyl)ether	6.84	93	116	0.024	ng		82
9) Naphthalene	10.20	128	1384	0.025	ng	#	89
22) Pentachlorophenol	16.43	266	13	Below Cal			98
32) Bis(2-ethylhexyl)phthalate	20.93	149	1025	0.046	ng	#	98
37) Benzo(a)pyrene	23.10	252	7	0.102	ng	#	1
38) Dibenzo(a,h)anthracene	25.53	278	1	0.118	ng	#	1

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

Quantitation Report (Not Reviewed)

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ClientSampleId :

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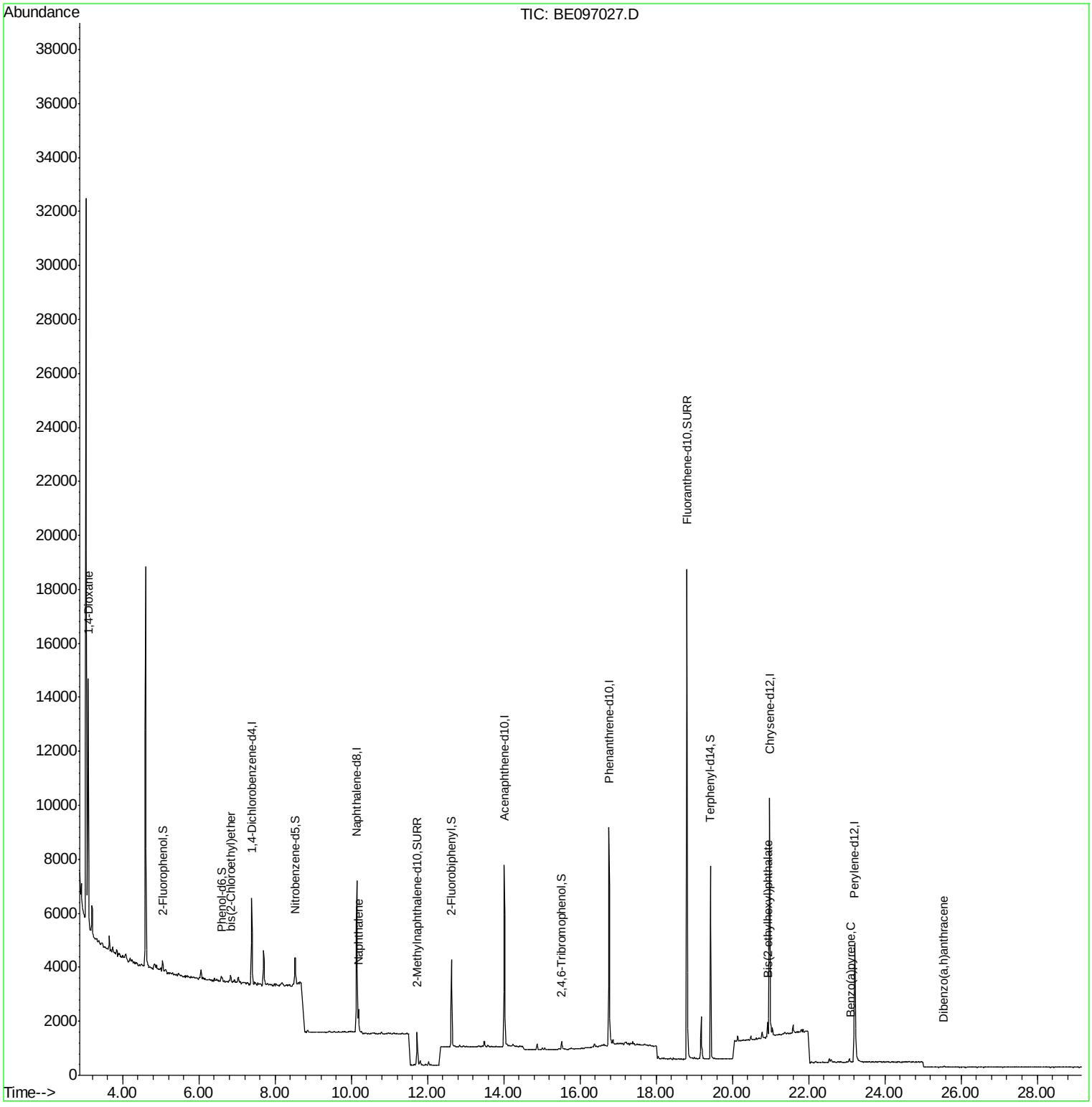
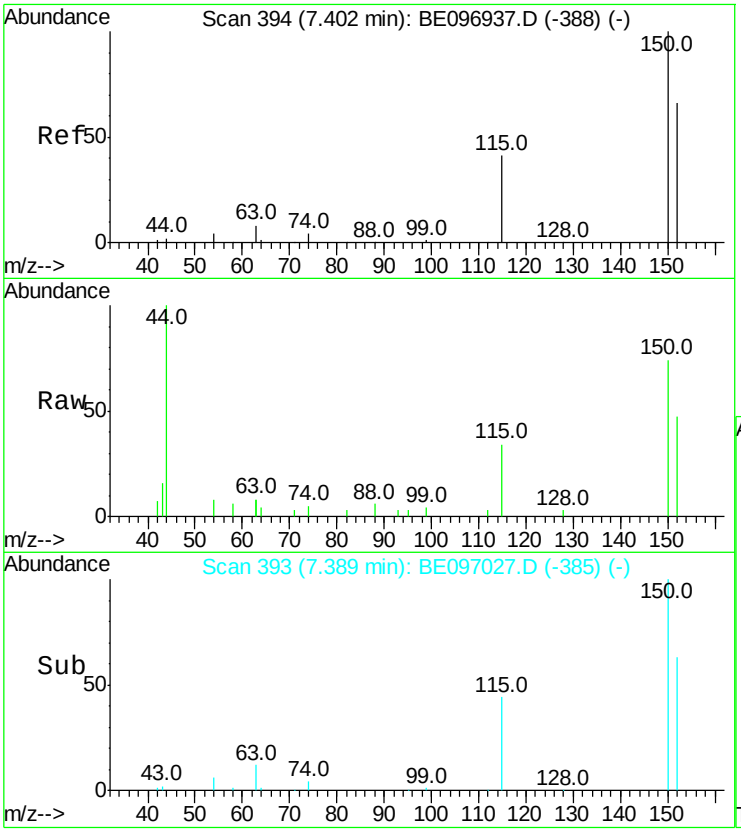
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration



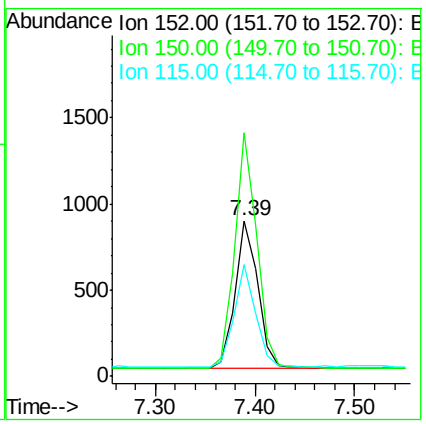


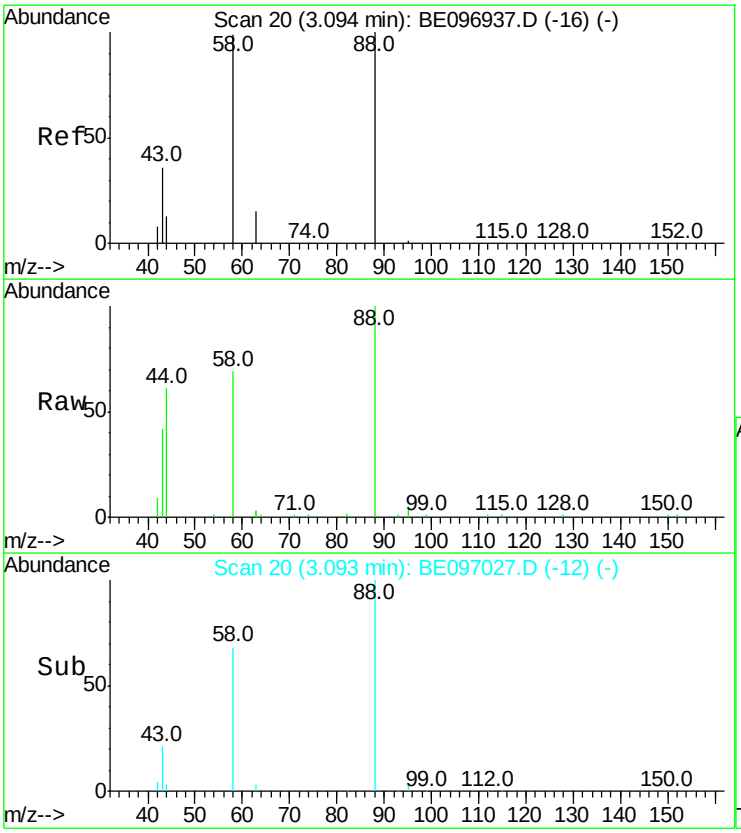
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1359

Ion	Ratio	Lower	Upper
152	100		
150	156.1	117.2	175.8
115	71.9	57.0	85.6

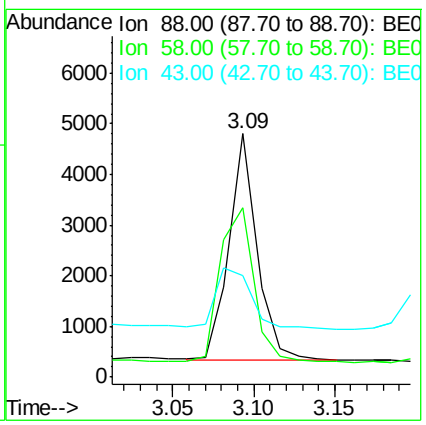


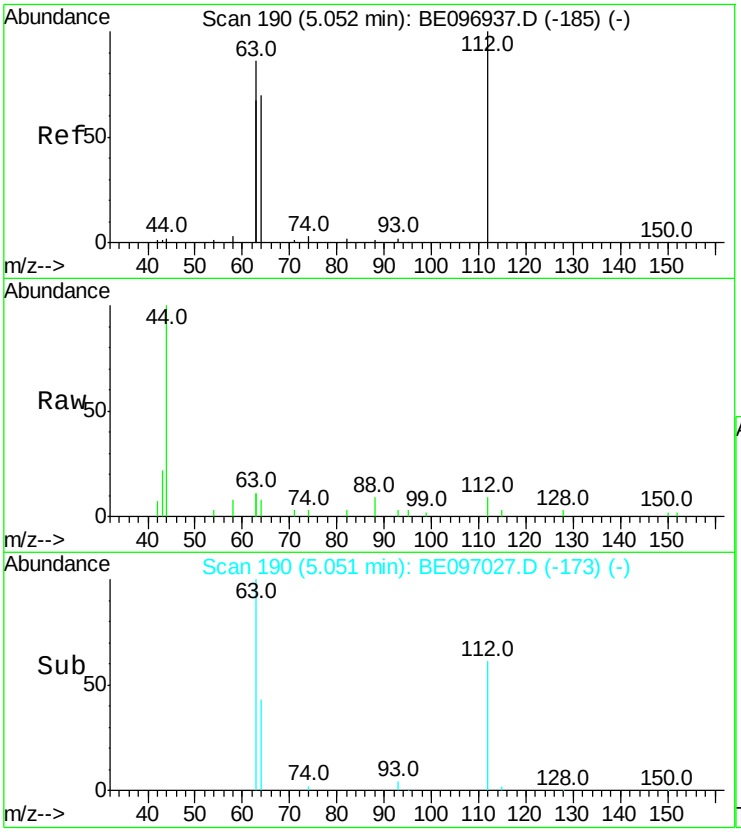


#2
1,4-Dioxane
Concen: 2.701 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Tgt Ion: 88 Resp: 5254

Ion	Ratio	Lower	Upper
88	100		
58	81.9	63.2	94.8
43	36.6	41.2	61.8#



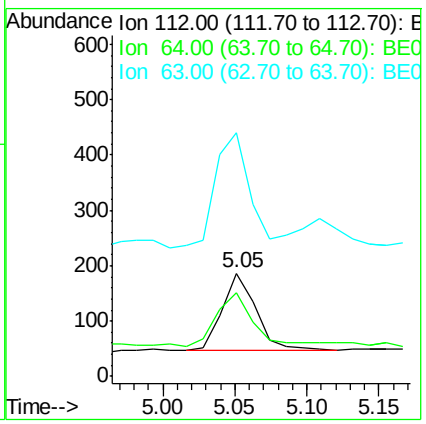


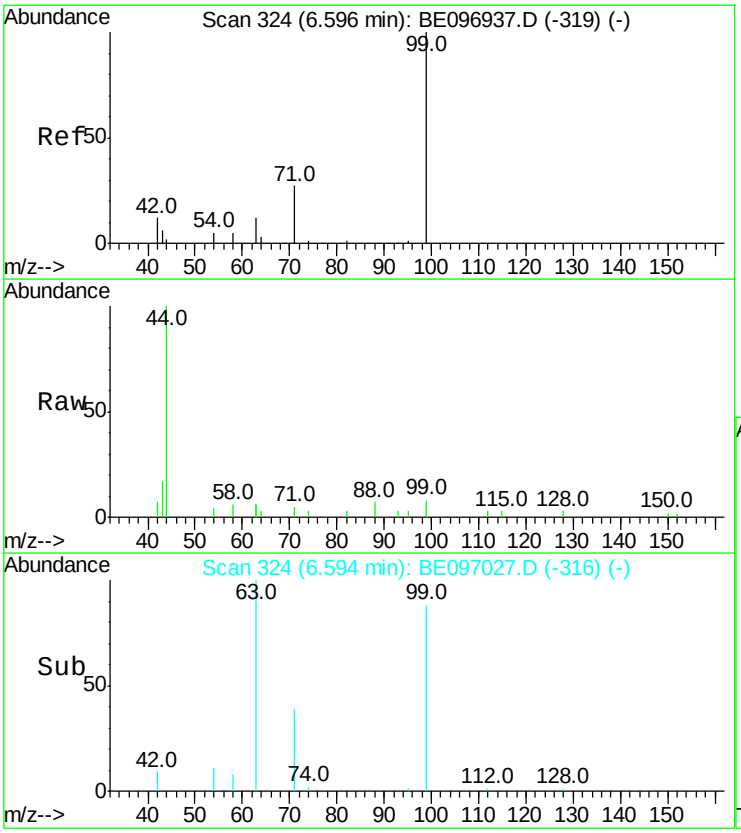
#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 226

Ion	Ratio	Lower	Upper
112	100		
64	77.4	60.1	90.1
63	165.0	116.8	175.2

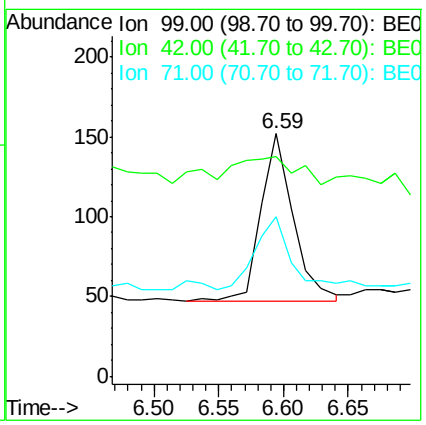


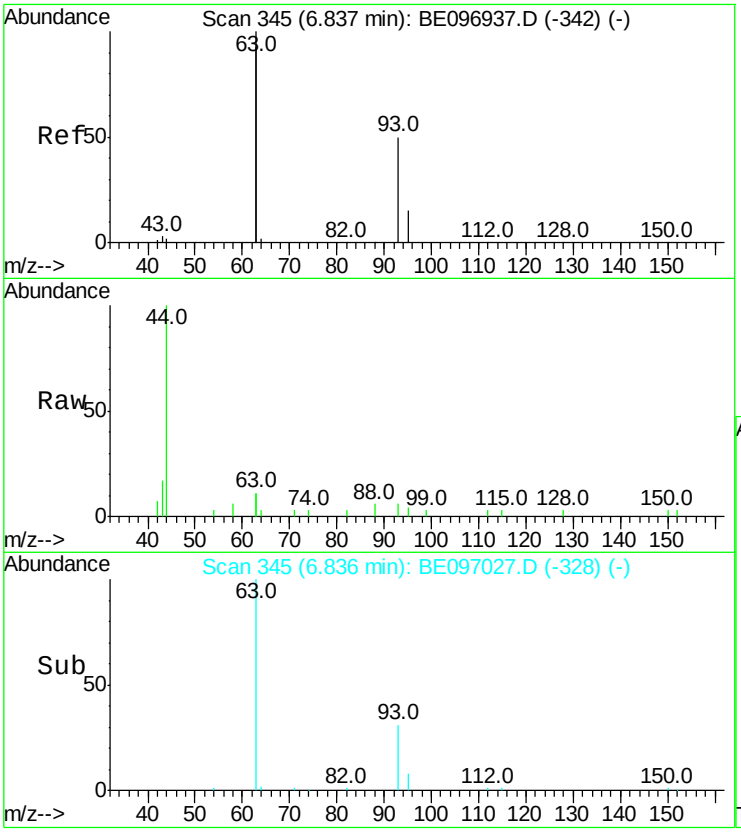


#5
Phenol-d6
Concen: 0.037 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Tgt Ion: 99 Resp: 185

Ion	Ratio	Lower	Upper
99	100		
42	35.7	20.2	30.2#
71	48.6	28.4	42.6#



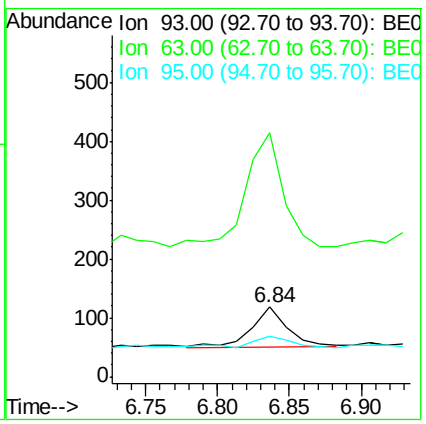


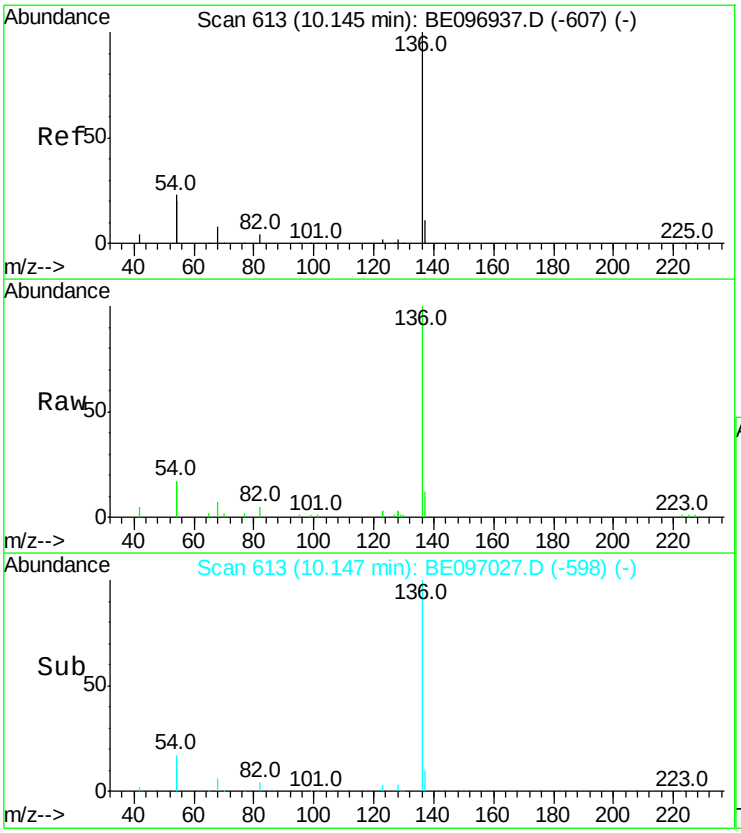
#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 116

Ion	Ratio	Lower	Upper
93	100		
63	303.4	275.3	412.9
95	35.3	25.2	37.8

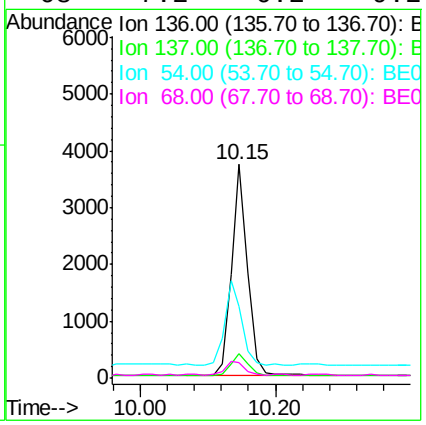


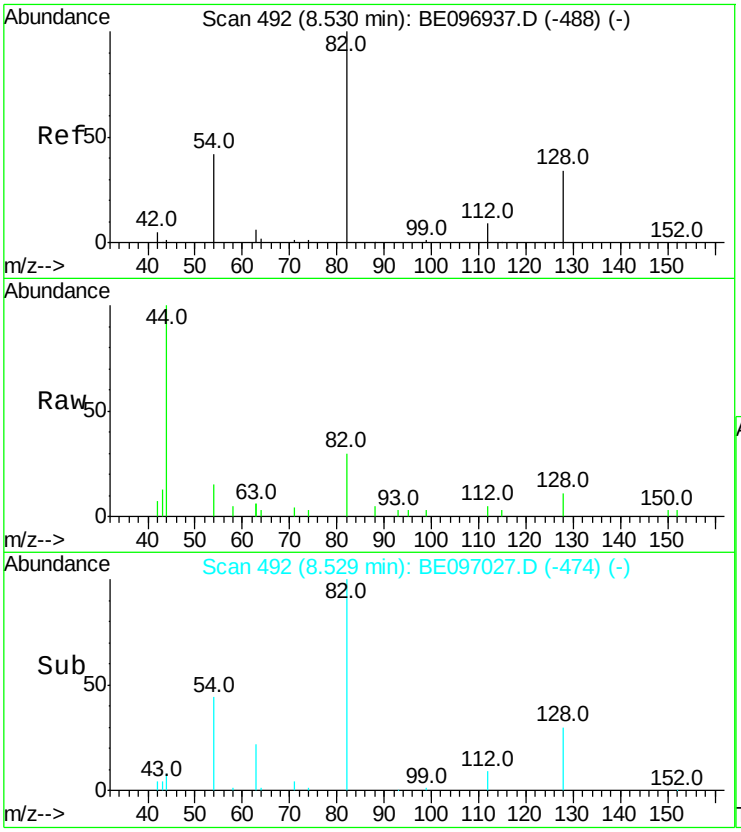


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Tgt Ion:136 Resp: 6208

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	33.7	29.1	43.7
68	7.2	6.2	9.2



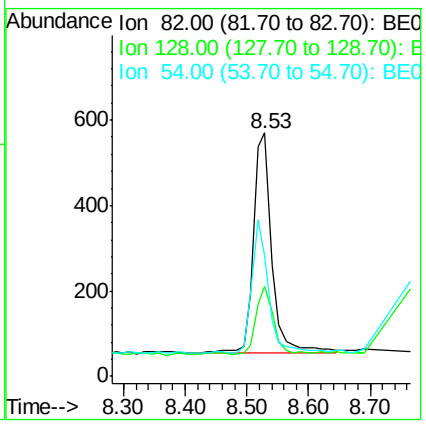


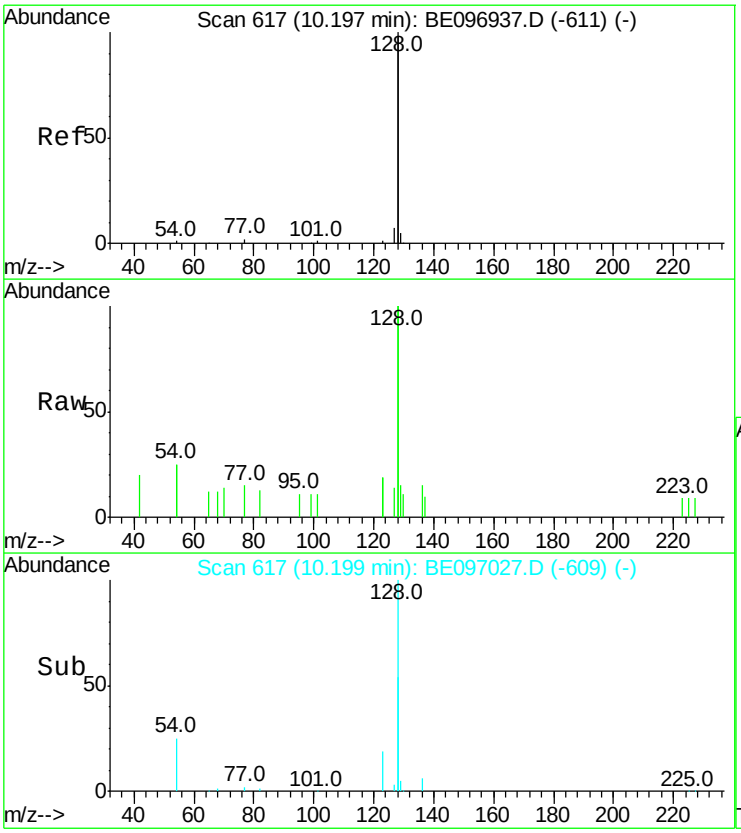
#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1064

Ion	Ratio	Lower	Upper
82	100		
128	37.0	24.0	36.0#
54	49.6	40.0	60.0

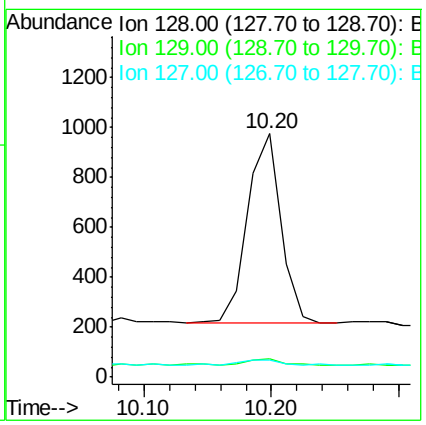


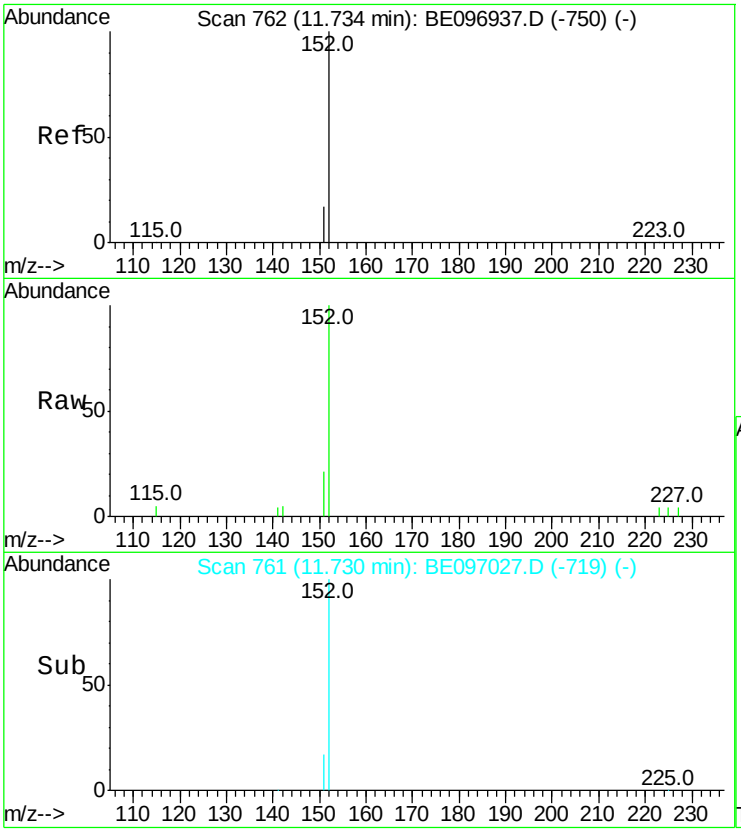


#9
Naphthalene
Concen: 0.025 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Tgt Ion:128 Resp: 1384

Ion	Ratio	Lower	Upper
128	100		
129	7.4	2.6	3.8#
127	6.9	2.8	4.2#



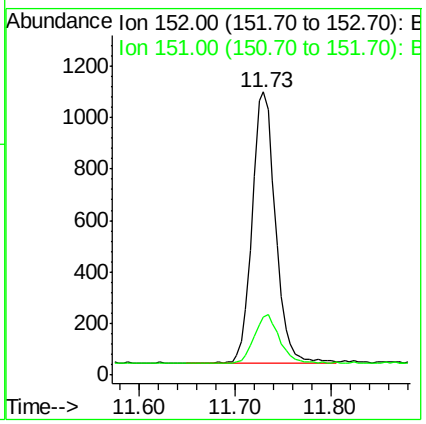


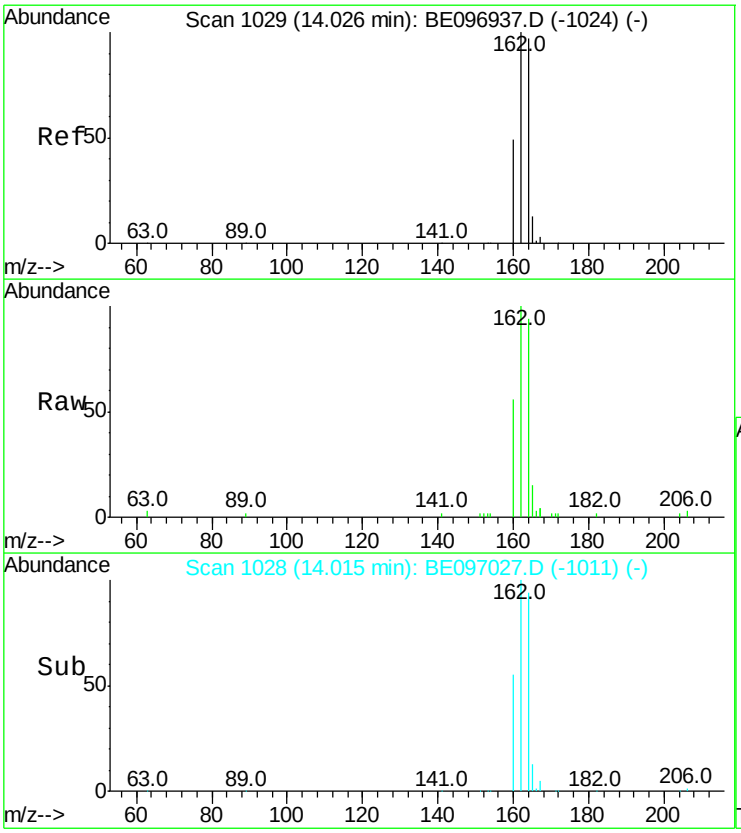
#11
2-Methylnaphthalene-d10
Concen: 0.198 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1795

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

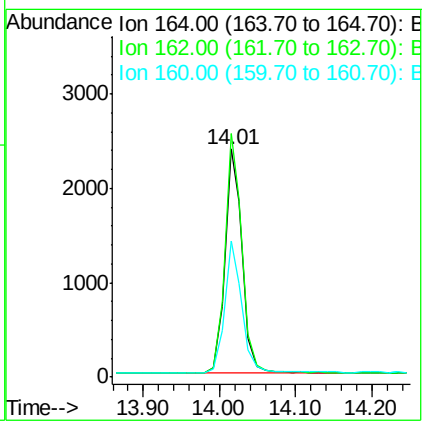


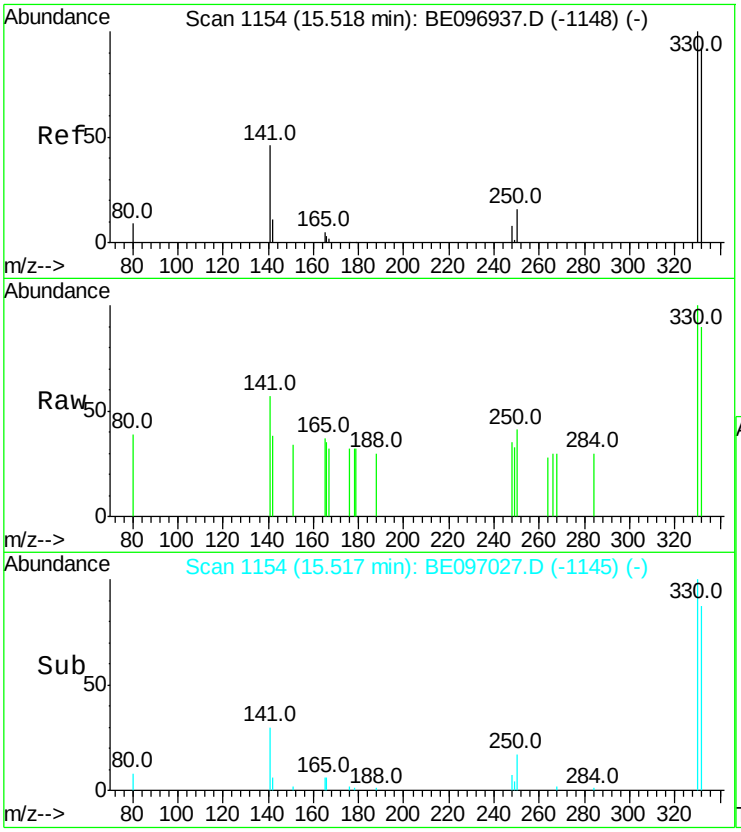


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Tgt Ion:164 Resp: 3771

Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.1	124.7
160	59.6	37.1	55.7#



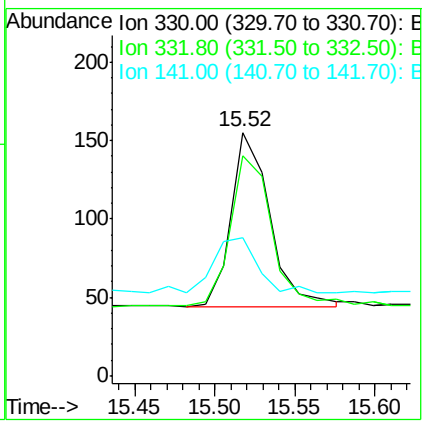


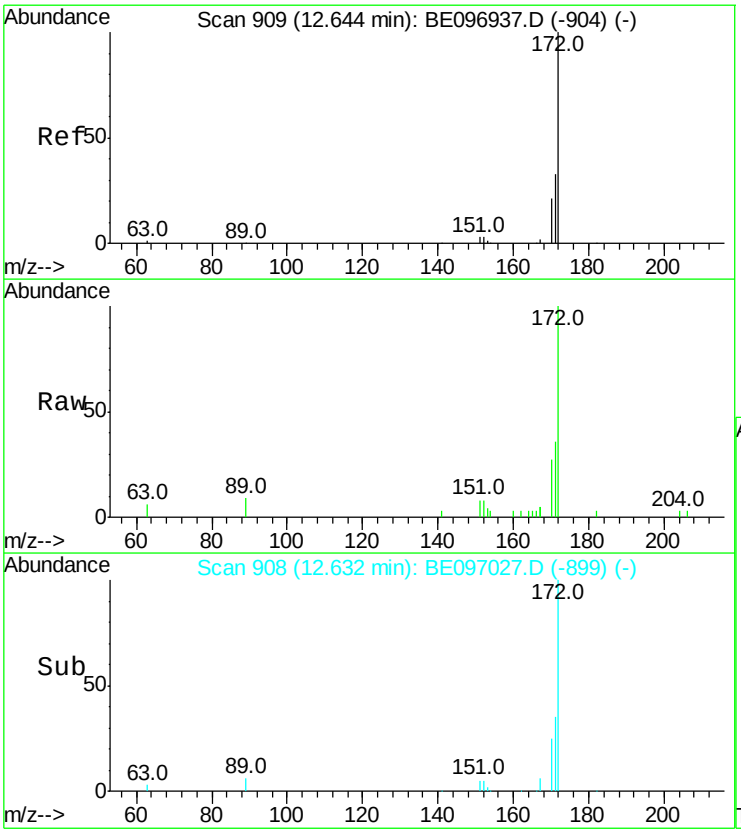
#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 187

Ion	Ratio	Lower	Upper
330	100		
332	92.5	152.7	229.1#
141	36.9	33.7	50.5

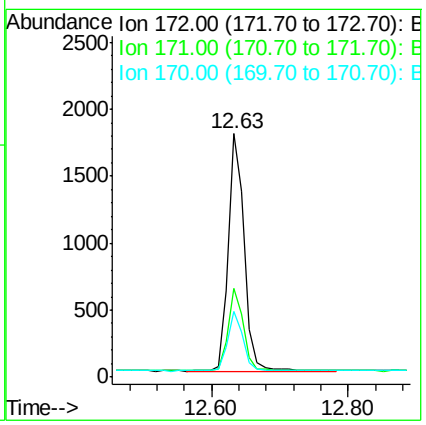


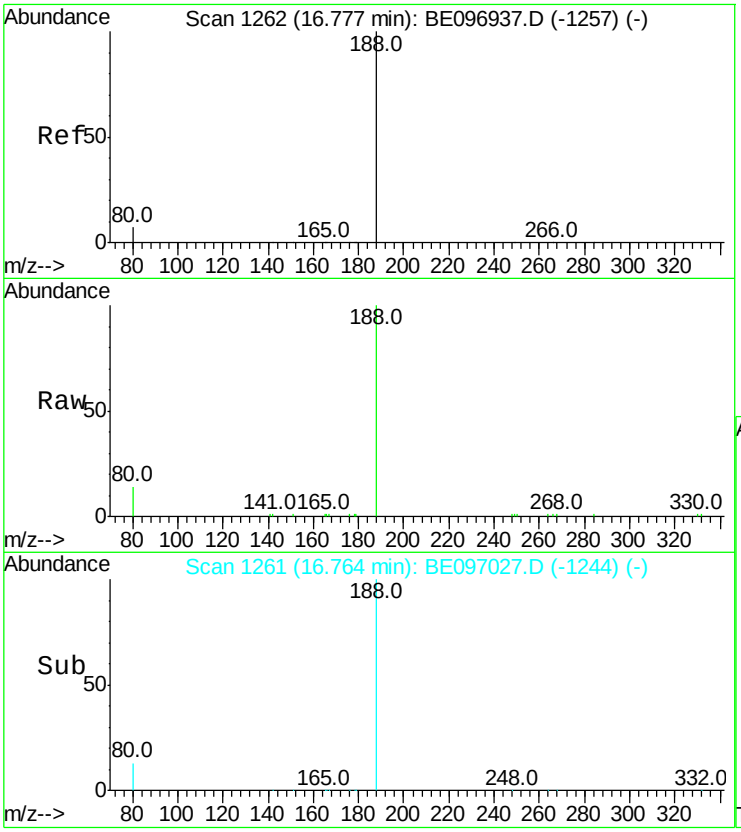


#15
2-Fluorobiphenyl
Concen: 0.209 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Tgt Ion:172 Resp: 2931

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	27.1	21.8	32.8



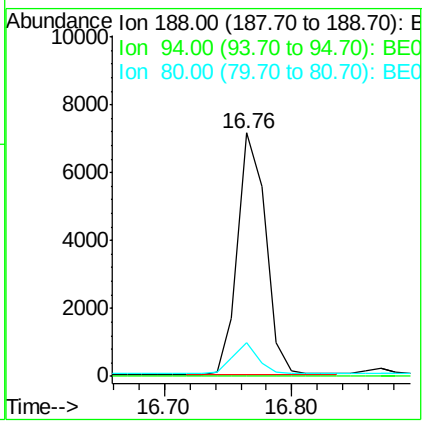


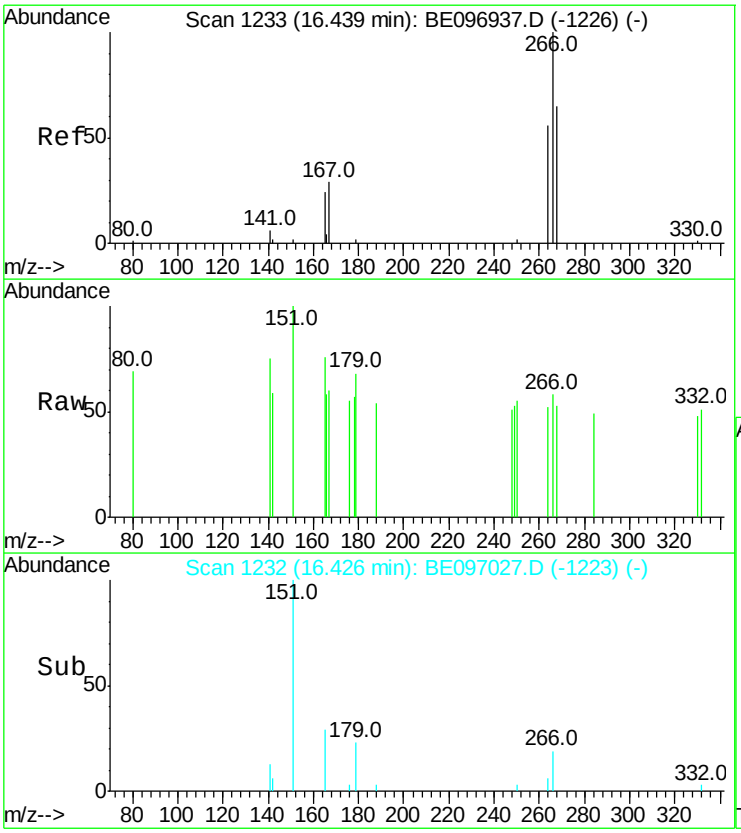
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10930

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.7	3.6	5.4#

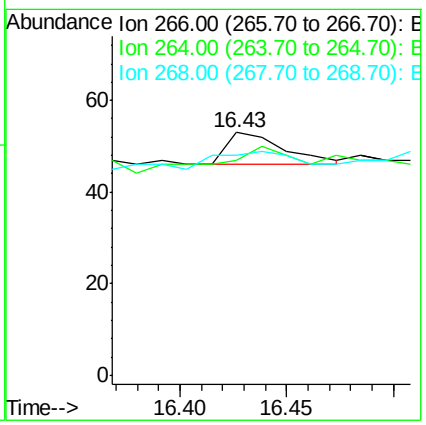


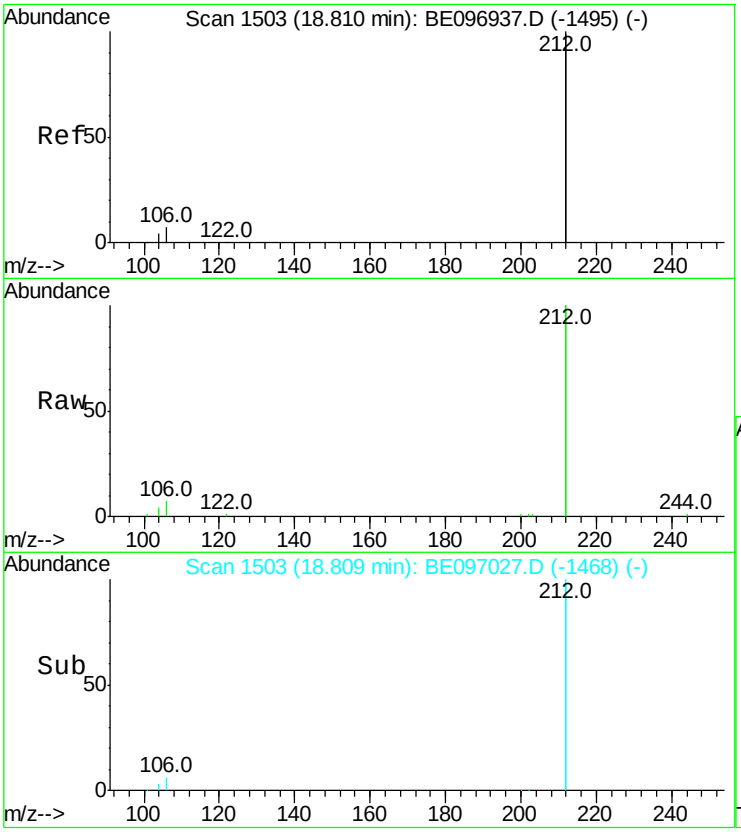


#22
Pentachlorophenol
Concen: Below Cal
RT: 16.43 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	88.7	72.5	108.7
268	90.6	73.8	110.6



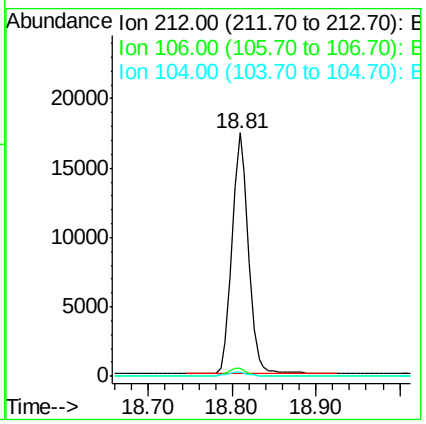


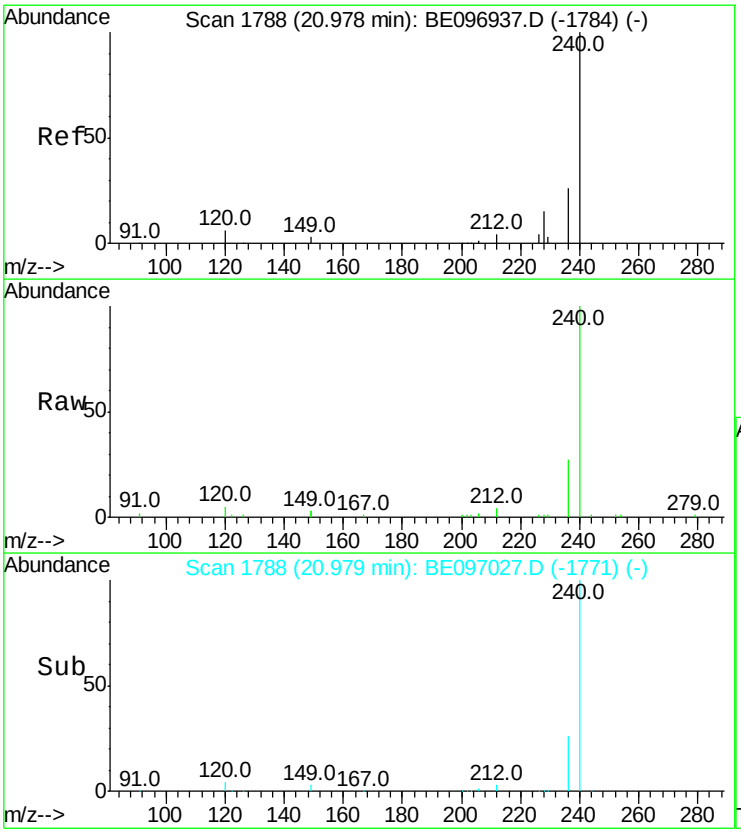
#25
Fluoranthene-d10
Concen: 0.250 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 23803

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

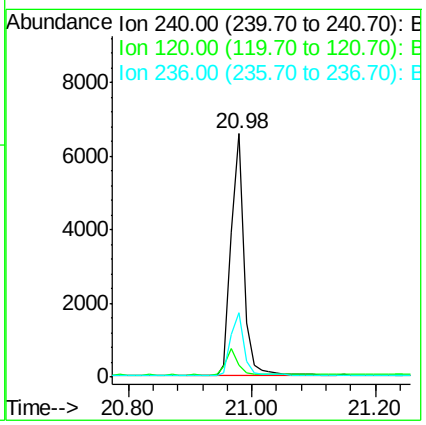


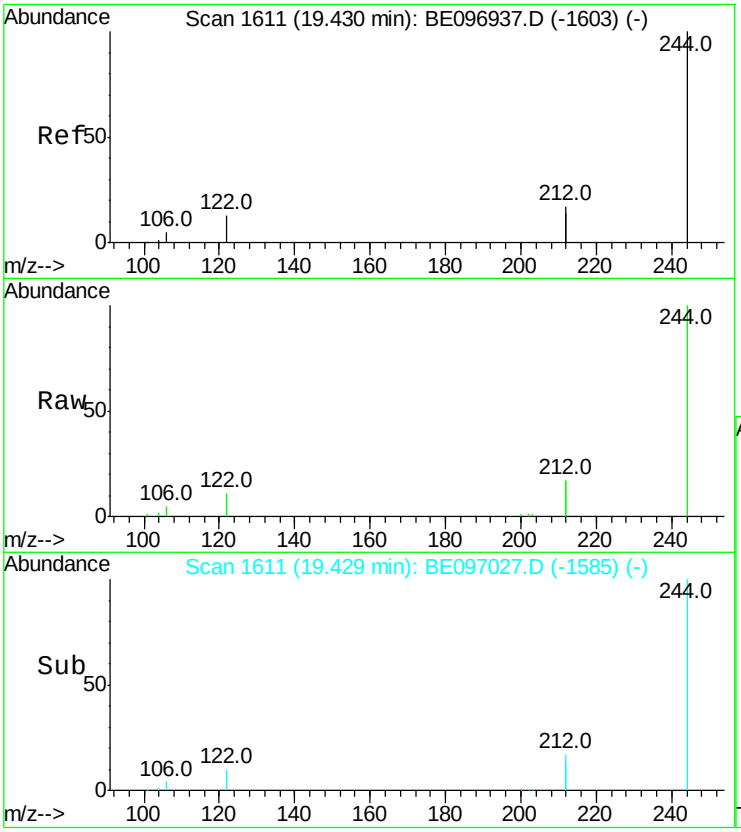


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Tgt Ion:240 Resp: 9395

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.5	8.3#
236	26.5	20.7	31.1



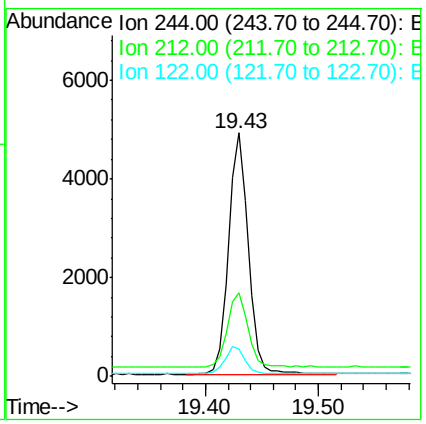


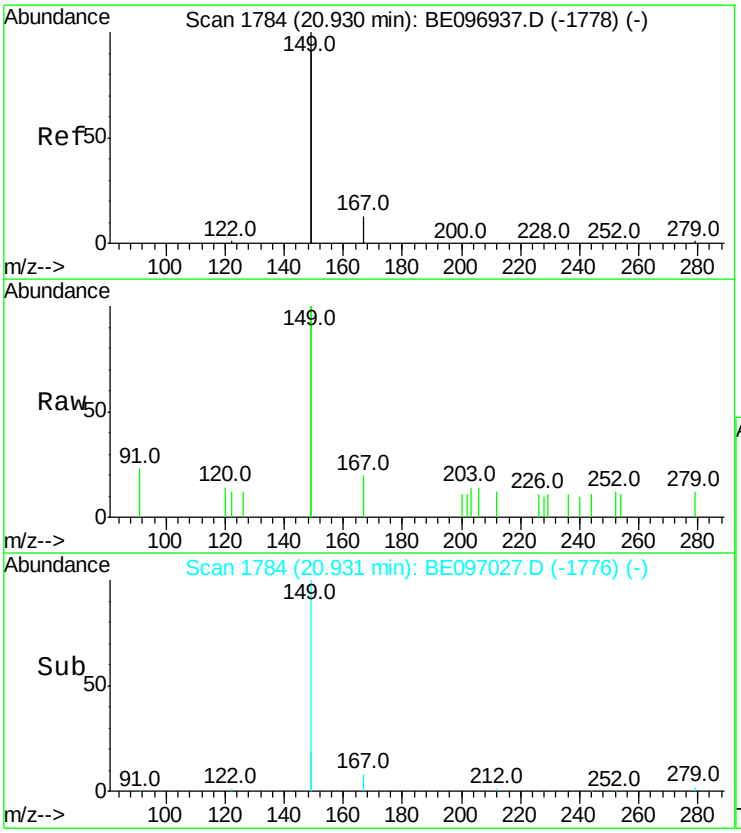
#29
Terphenyl-d14
Concen: 0.329 ng
RT: 19.43 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5966

Ion	Ratio	Lower	Upper
244	100		
212	34.3	25.4	38.0
122	11.4	8.1	12.1

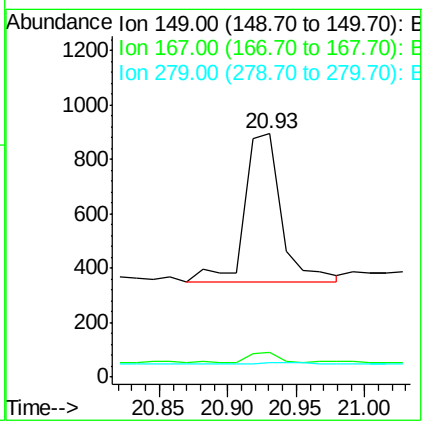


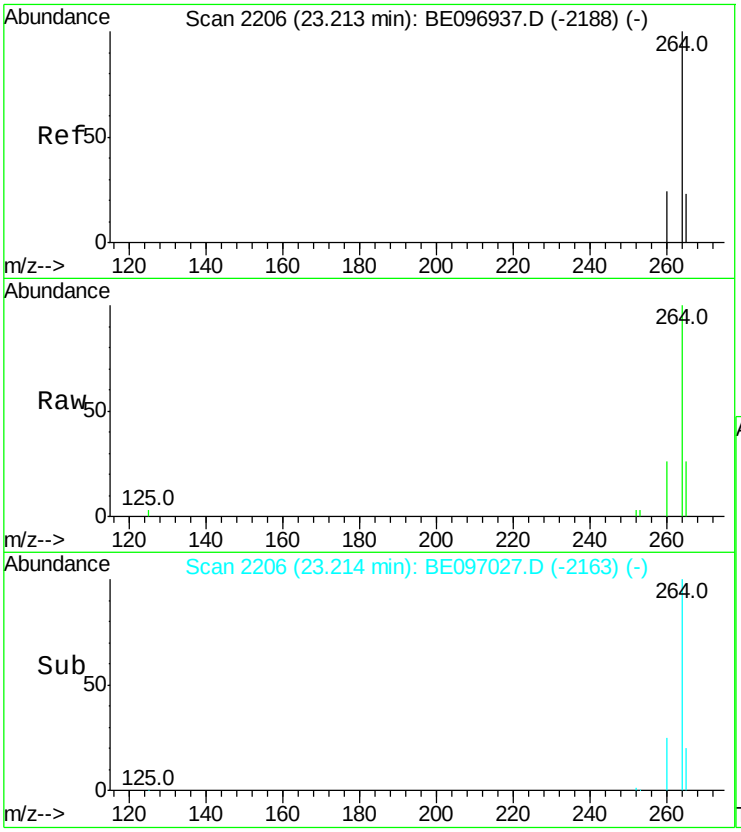


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.046 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Tgt Ion:149 Resp: 1025

Ion	Ratio	Lower	Upper
149	100		
167	5.9	5.4	8.0
279	1.5	0.7	1.1#



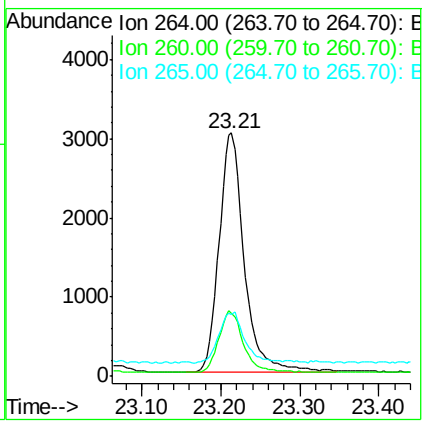


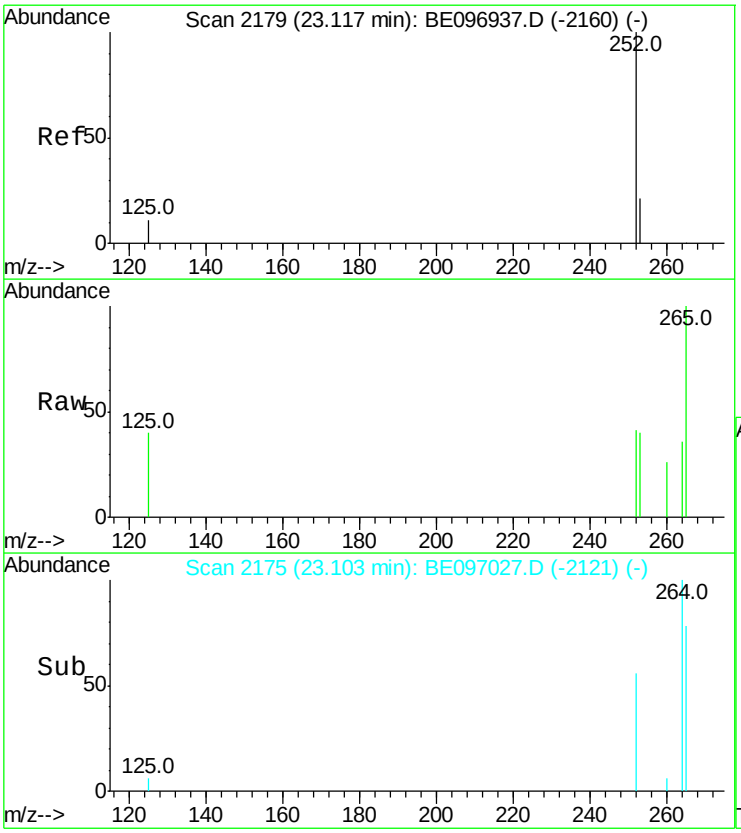
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 6727

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	25.5	22.8	34.2

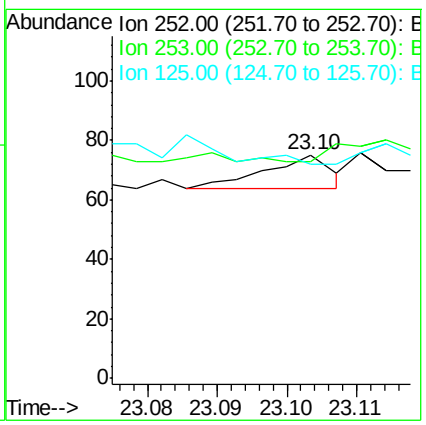


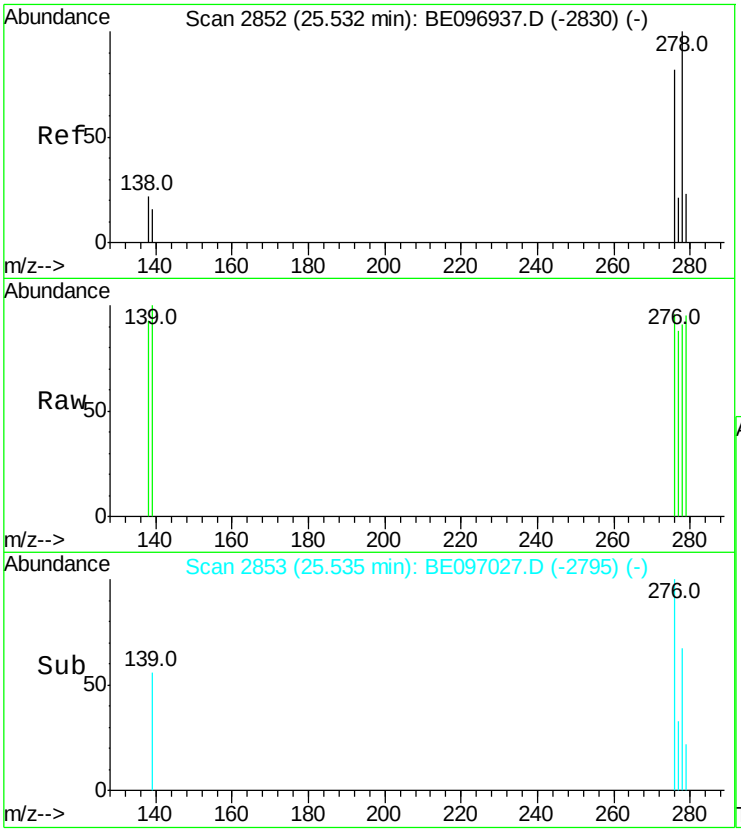


#37
Benzo(a)pyrene
Concen: 0.102 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Tgt Ion:252 Resp: 7

Ion	Ratio	Lower	Upper
252	100		
253	97.3	16.0	24.0#
125	96.0	12.0	18.0#





#38
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 25.53 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BE097027.D
Acq: 20 Jul 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 1

Ion	Ratio	Lower	Upper
278	100		
139	109.6	16.0	24.0#
279	103.8	20.0	30.0#