Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
Data File : BE097024.D
Acq On : 20 Jul 2018 10:56
Operator : SJ/JU
Sample : J4014-03DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE104D1-071318DL

Quant Time: Jul 20 12:30:08 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	1318	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6250	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3921	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	11116	0.40	ng		0.00
27) Chrysene-d12	20.98	240	9936	0.40	ng		0.00
34) Perylene-d12	23.21	264	8653	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	279	0.09	ng		0.00
5) Phenol-d6	6.60	99	225	0.05	ng		0.00
8) Nitrobenzene-d5	8.53	82	1025	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	1840	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	219	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	3402	0.23	ng		0.01
25) Fluoranthene-d10	18.81	212	25552	0.26	ng		0.00
29) Terphenyl-d14	19.43	244	7129	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	3809	2.019	ng	#	90
9) Naphthalene	10.20	128	1489	0.027	ng	#	87
22) Pentachlorophenol	16.44	266	39	0.031	ng		95
28) Pyrene	19.21	202	2811	0.096	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	1411	0.060	ng	#	94

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

Quantitation Report (QT Reviewed)

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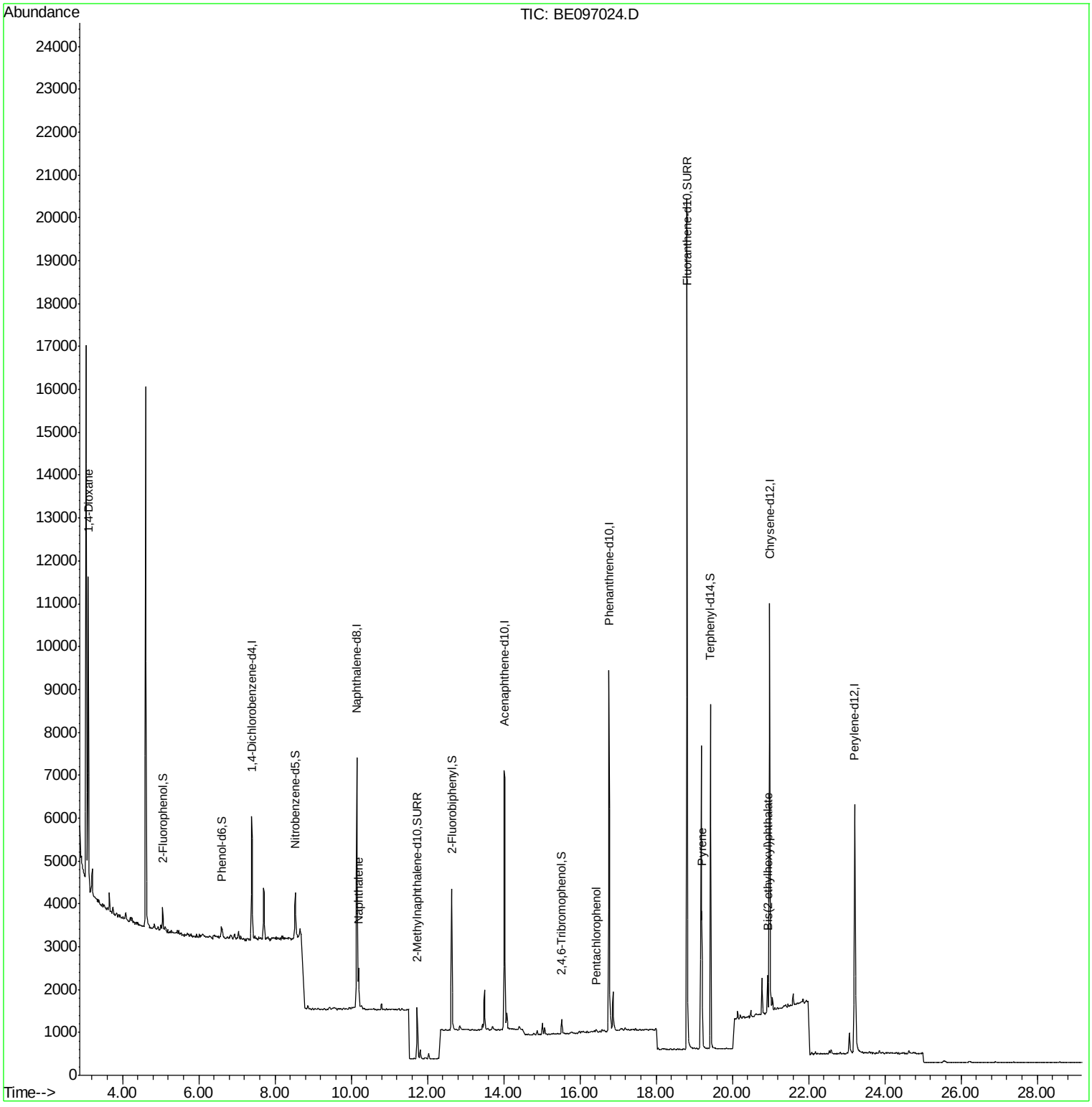
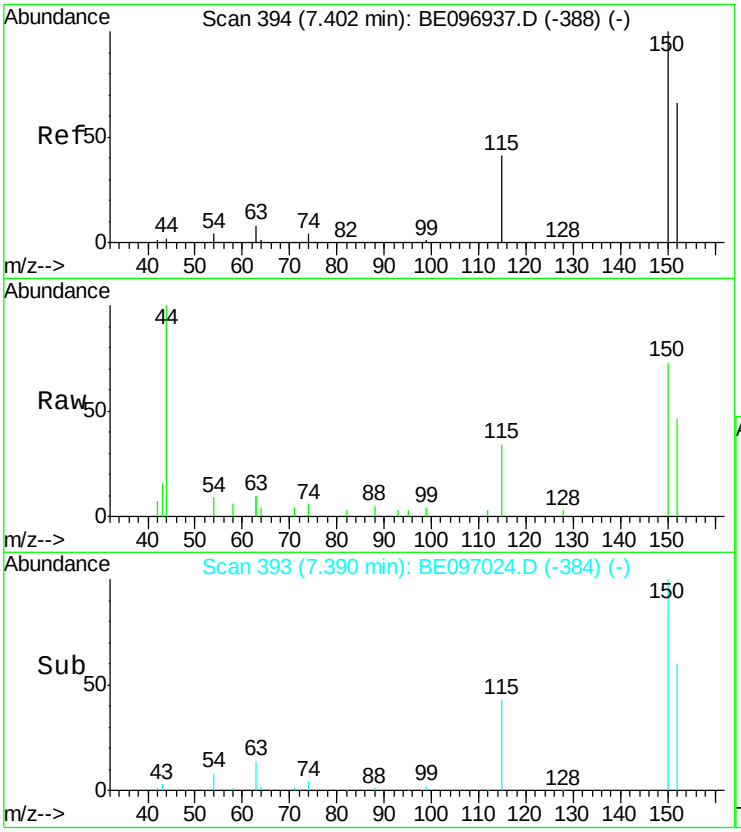
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration



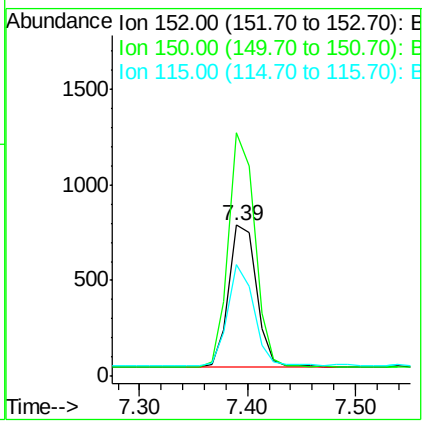


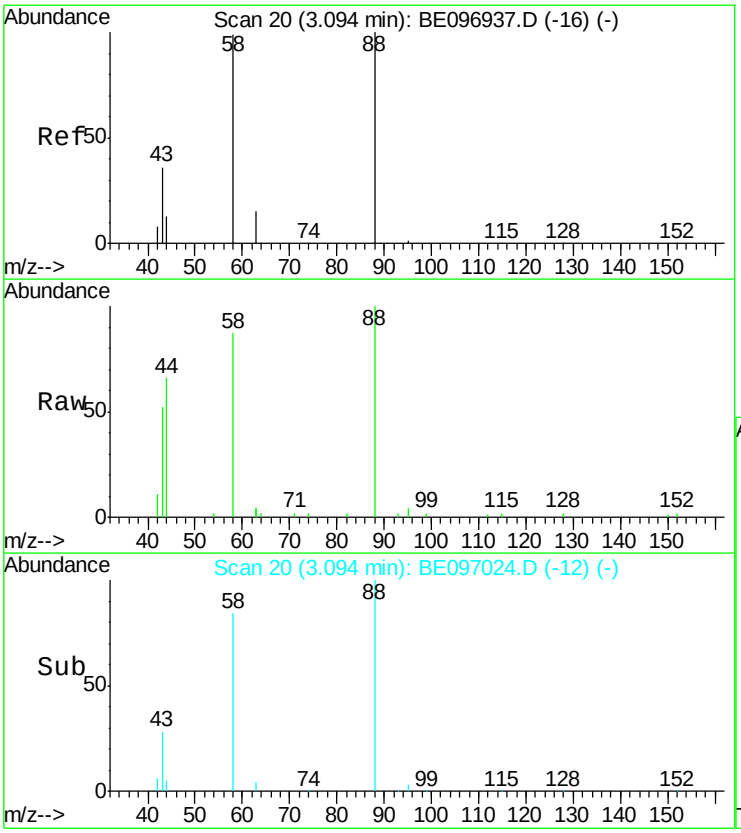
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318DL

Tgt Ion:152 Resp: 1318

Ion	Ratio	Lower	Upper
152	100		
150	160.9	117.2	175.8
115	73.9	57.0	85.6

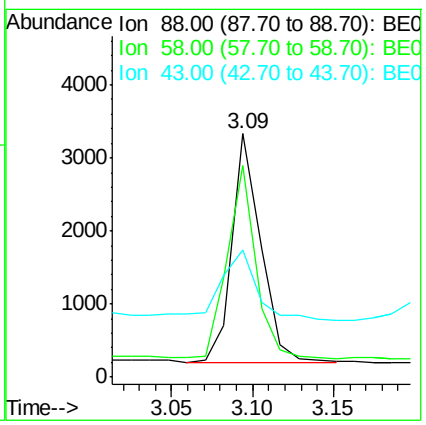


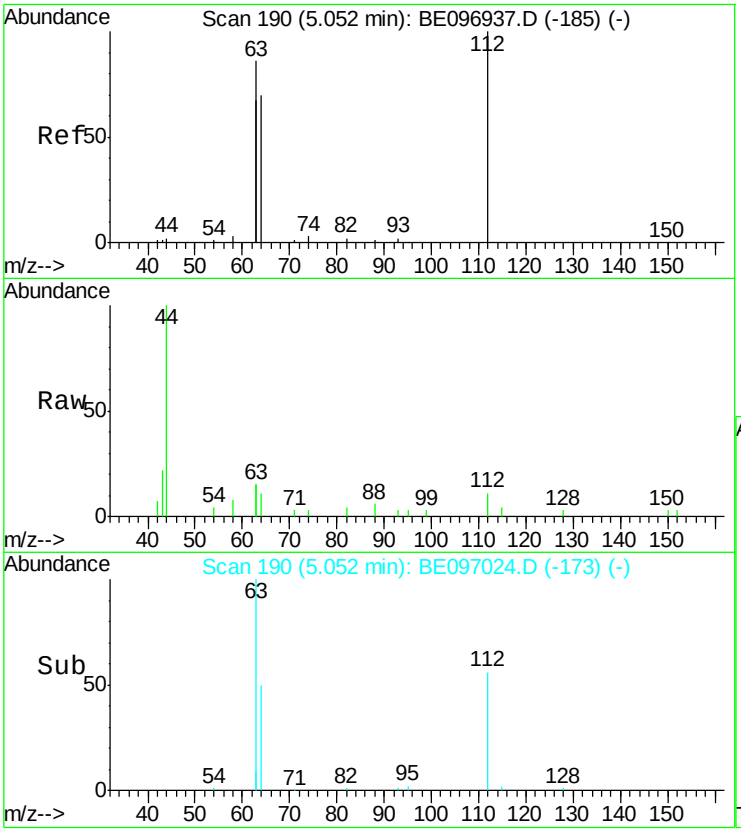


#2
1,4-Dioxane
Concen: 2.019 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Tgt Ion: 88 Resp: 3809

Ion	Ratio	Lower	Upper
88	100		
58	83.7	63.2	94.8
43	40.1	41.2	61.8#



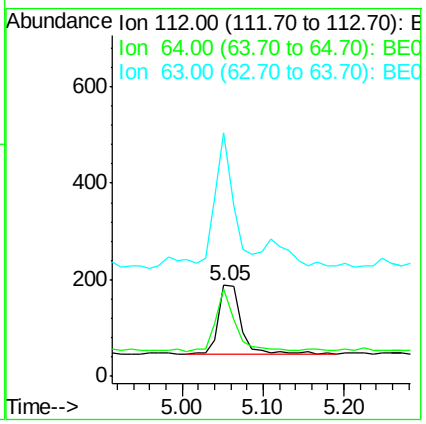


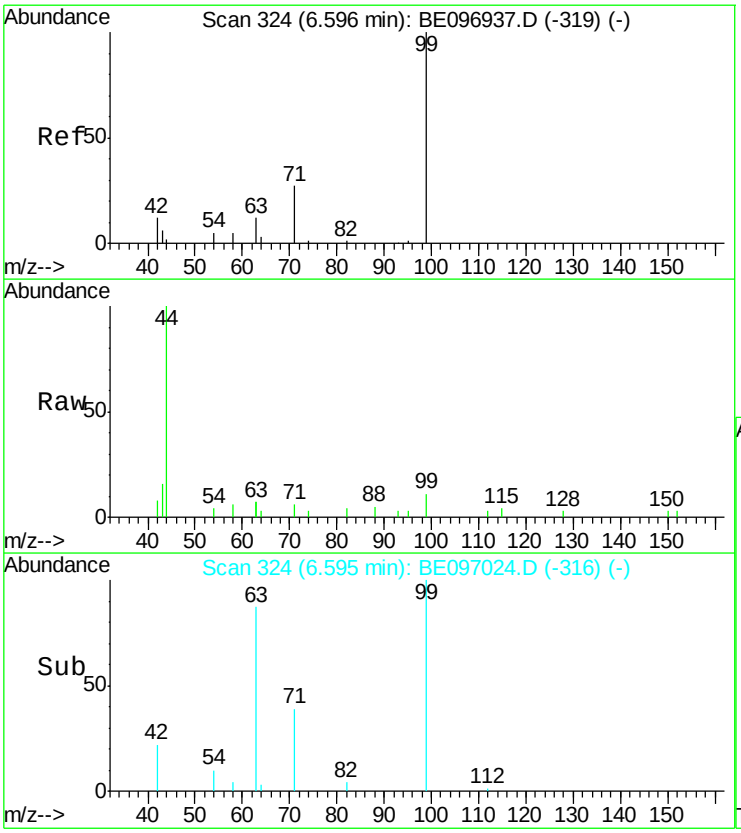
#4
2-Fluorophenol
Concen: 0.088 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318DL

Tgt Ion:112 Resp: 279

Ion	Ratio	Lower	Upper
112	100		
64	77.4	60.1	90.1
63	154.8	116.8	175.2

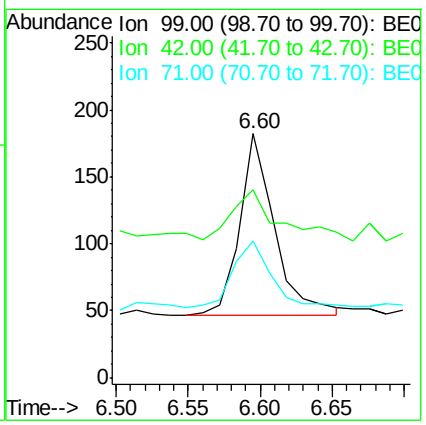


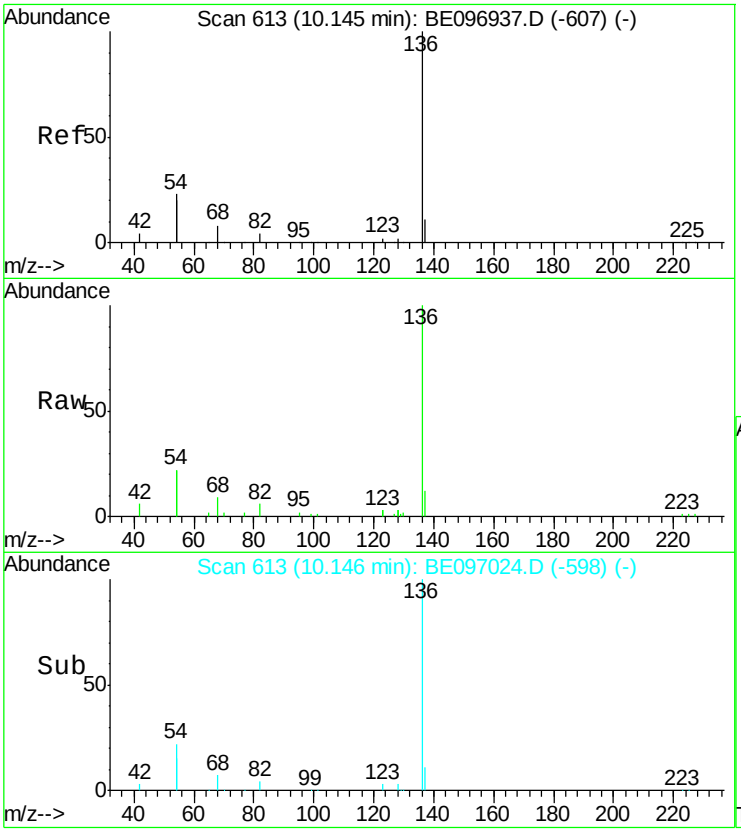


#5
Phenol-d6
Concen: 0.047 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Tgt Ion: 99 Resp: 225

Ion	Ratio	Lower	Upper
99	100		
42	36.4	20.2	30.2#
71	41.3	28.4	42.6



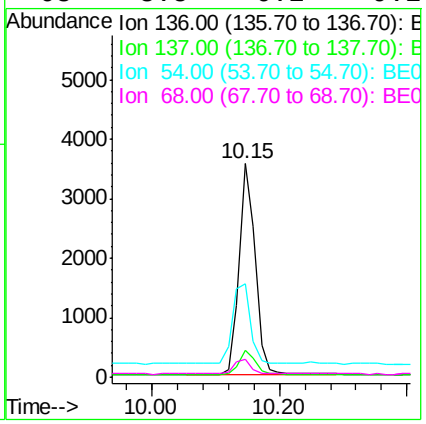


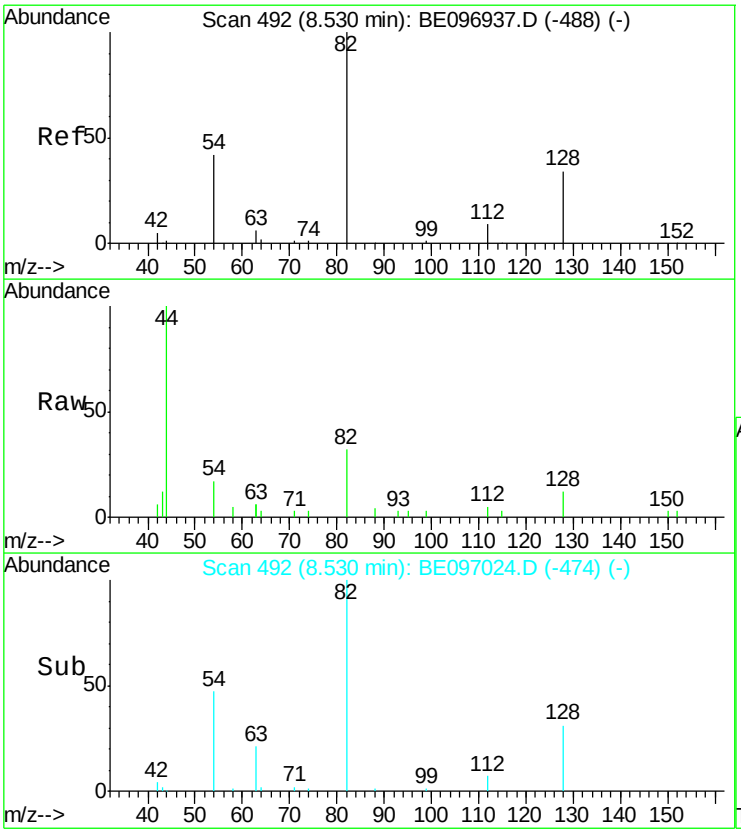
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318DL

Tgt Ion:136 Resp: 6250

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	43.5	29.1	43.7
68	8.5	6.2	9.2

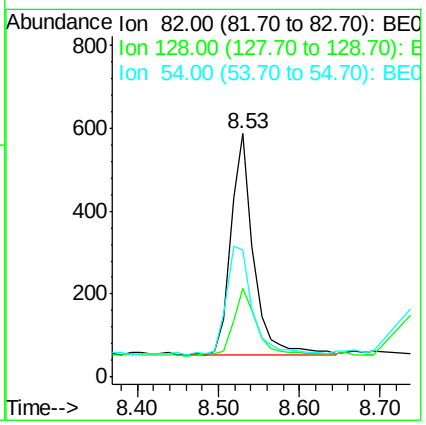


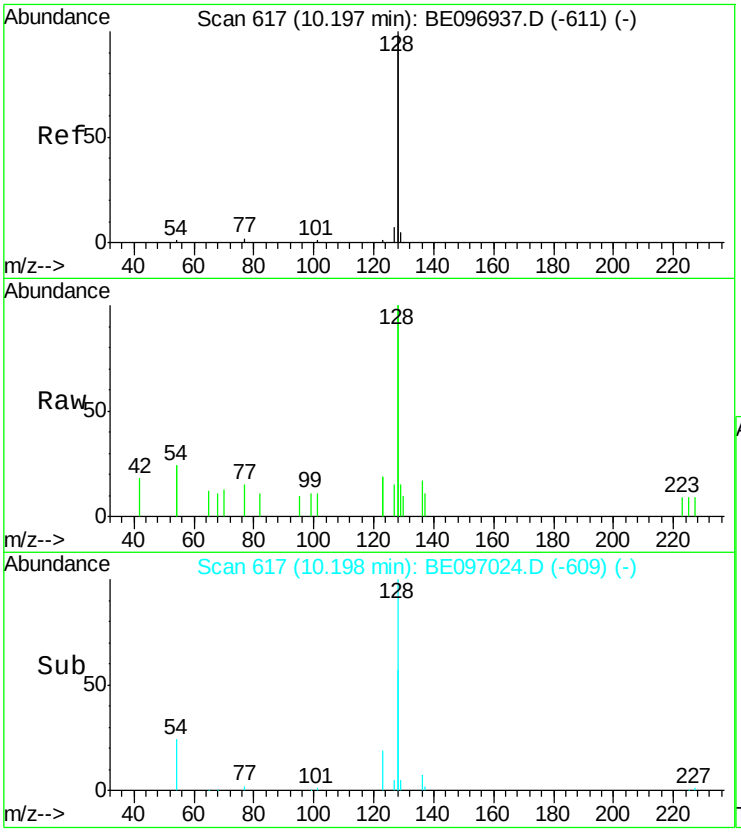


#8
Nitrobenzene-d5
Concen: 0.225 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Tgt Ion: 82 Resp: 1025

Ion	Ratio	Lower	Upper
82	100		
128	36.6	24.0	36.0#
54	52.3	40.0	60.0



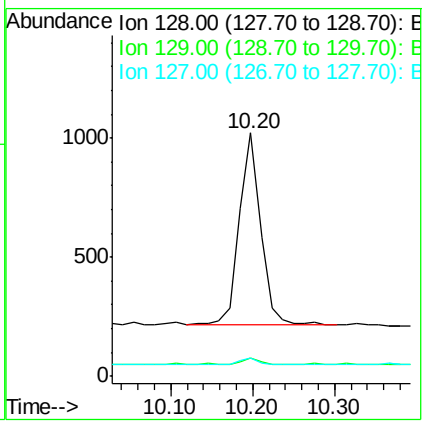


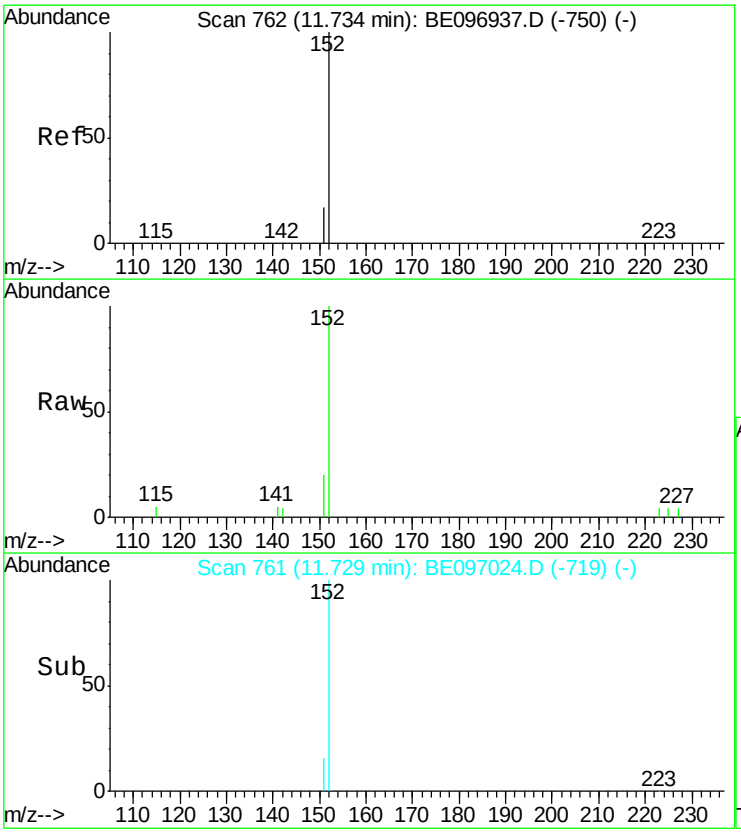
#9
Naphthalene
Concen: 0.027 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318DL

Tgt Ion:128 Resp: 1489

Ion	Ratio	Lower	Upper
128	100		
129	7.6	2.6	3.8#
127	7.4	2.8	4.2#

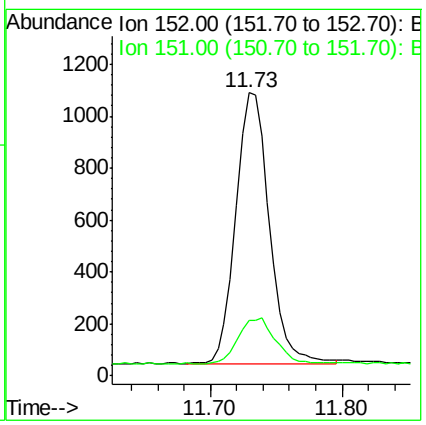


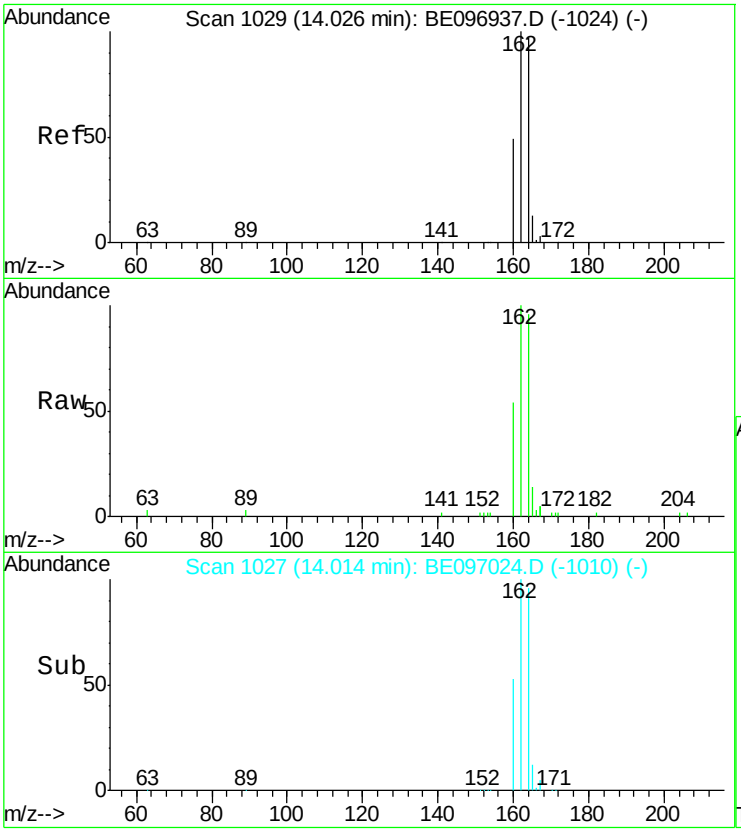


#11
2-Methylnaphthalene-d10
Concen: 0.202 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Tgt Ion:152 Resp: 1840

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0



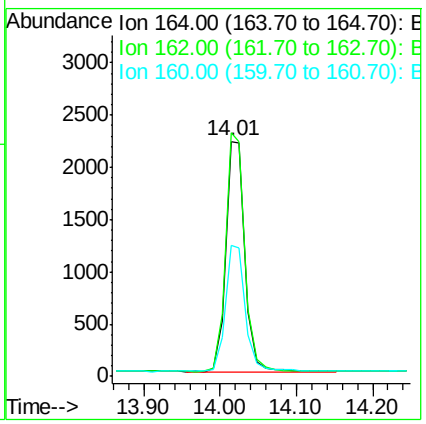


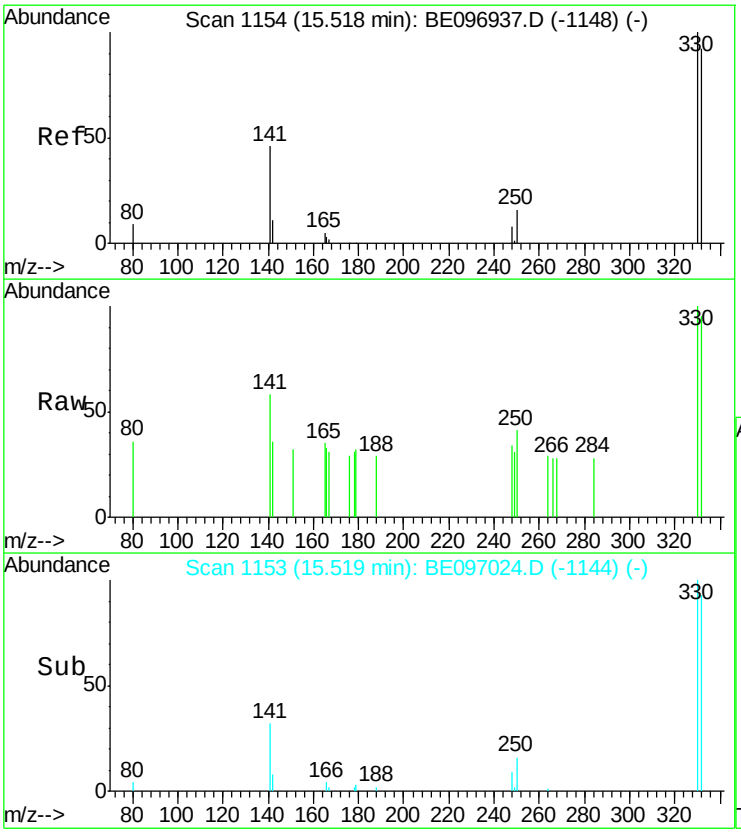
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318DL

Tgt Ion:164 Resp: 3921

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.1	124.7
160	55.6	37.1	55.7

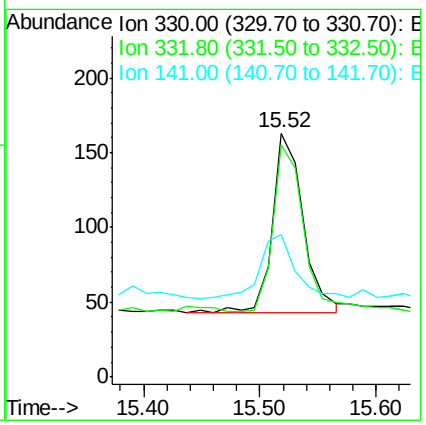


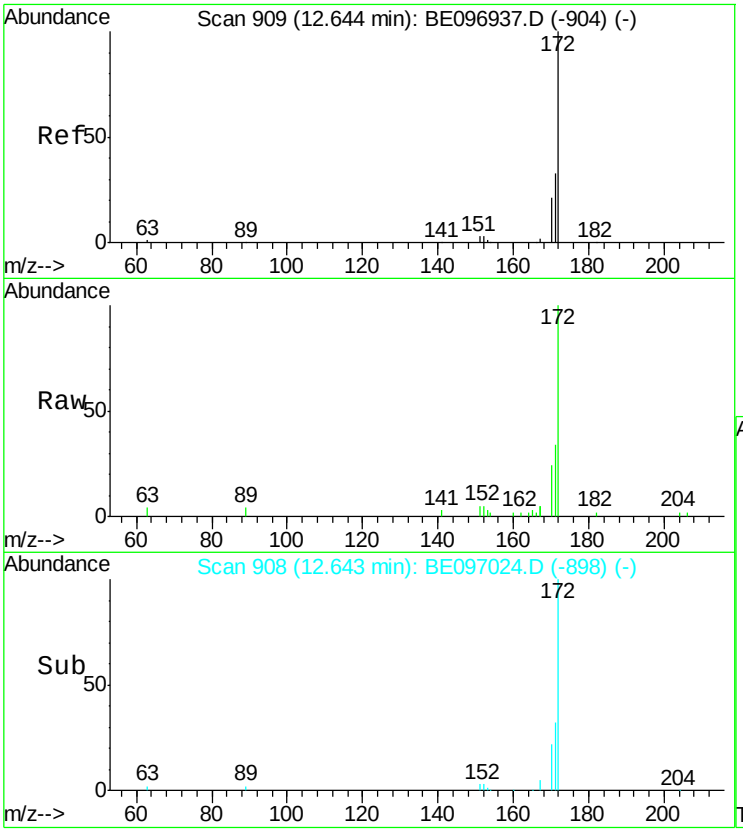


#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Tgt Ion:330 Resp: 219

Ion	Ratio	Lower	Upper
330	100		
332	89.5	152.7	229.1#
141	42.0	33.7	50.5



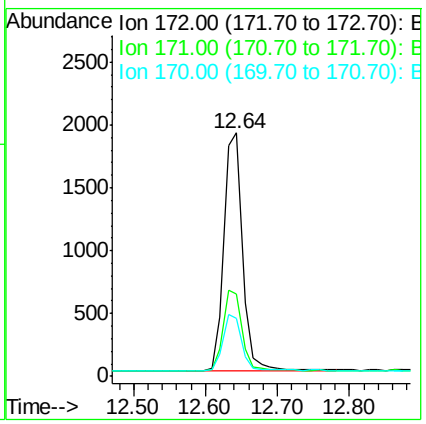


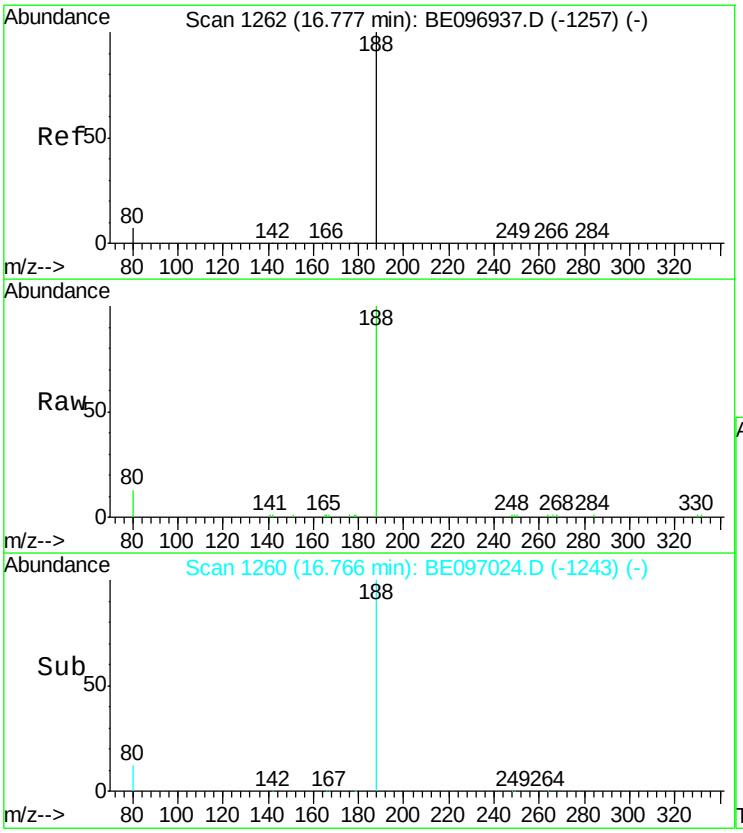
#15
2-Fluorobiphenyl
Concen: 0.233 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318DL

Tgt Ion:172 Resp: 3402

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.9	44.9
170	23.9	21.8	32.8

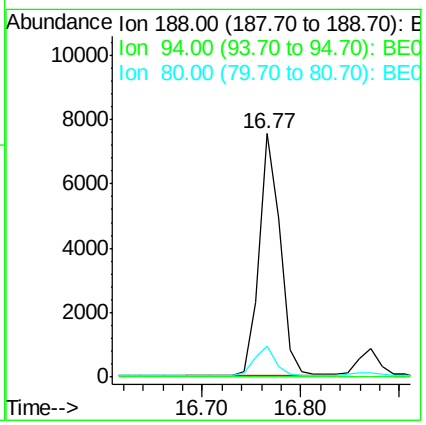


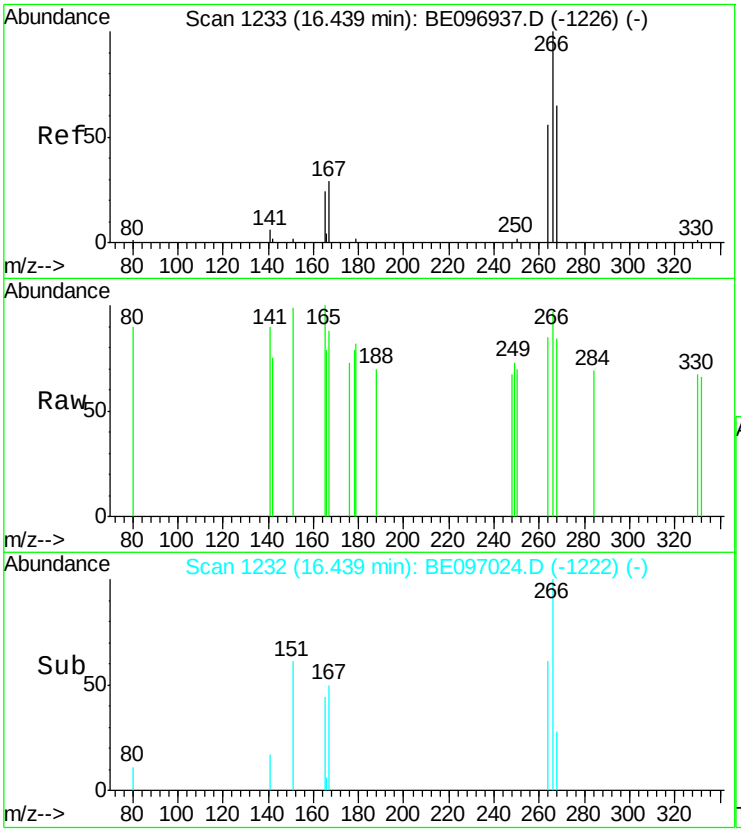


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Tgt Ion:188 Resp: 11116

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.5	3.6	5.4#



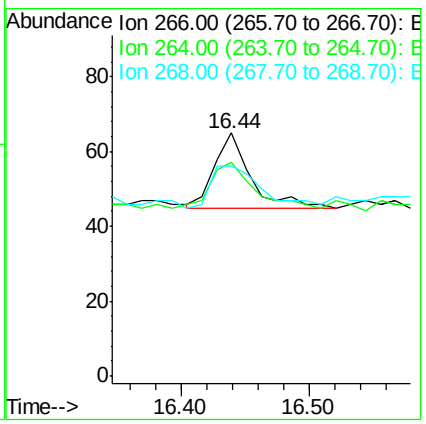


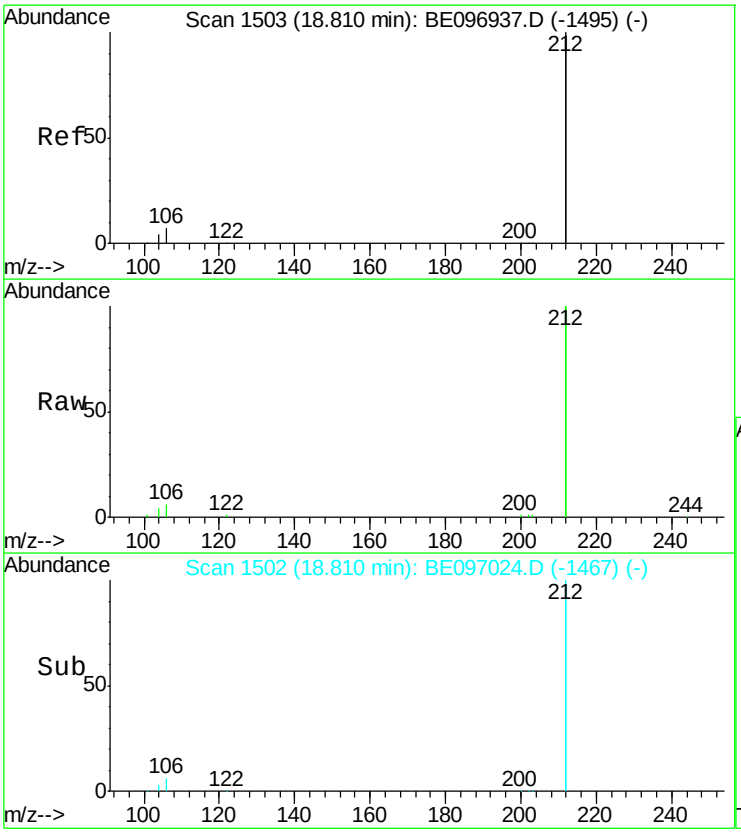
#22
Pentachlorophenol
Concen: 0.031 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318DL

Tgt Ion:266 Resp: 39

Ion	Ratio	Lower	Upper
266	100		
264	87.7	72.5	108.7
268	86.2	73.8	110.6

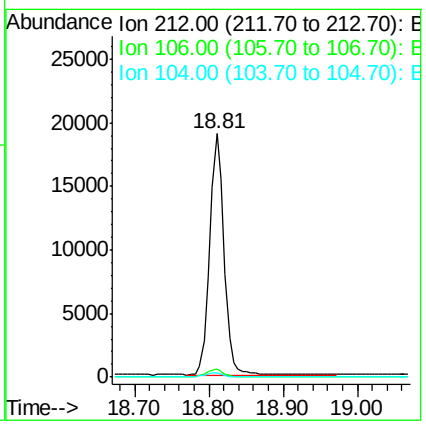


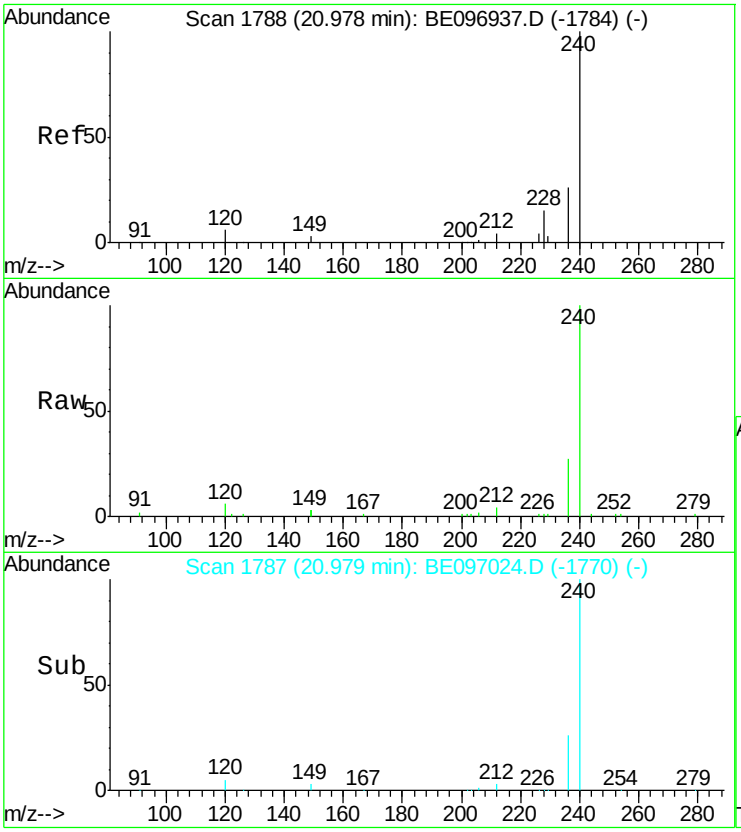


#25
Fluoranthene-d10
Concen: 0.264 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Tgt Ion:212 Resp: 25552

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



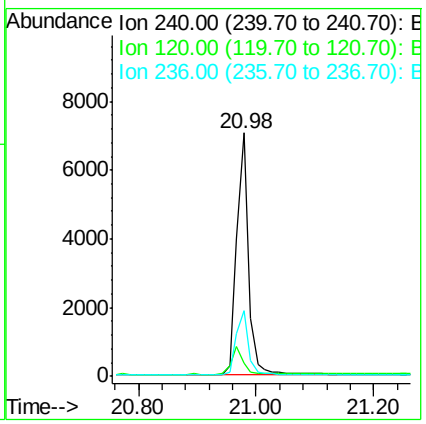


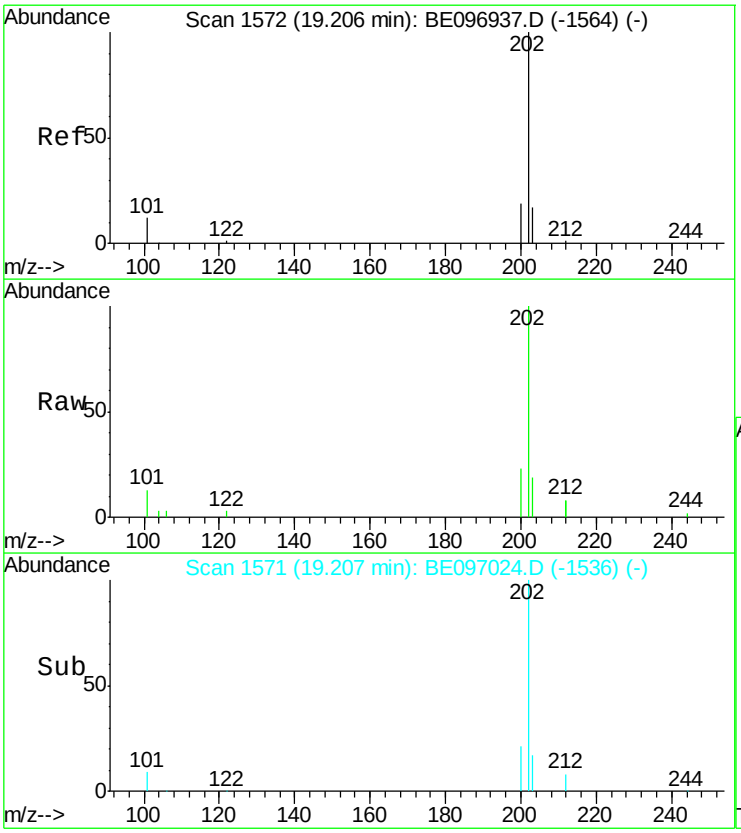
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318DL

Tgt Ion:240 Resp: 9936

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.5	8.3
236	26.8	20.7	31.1

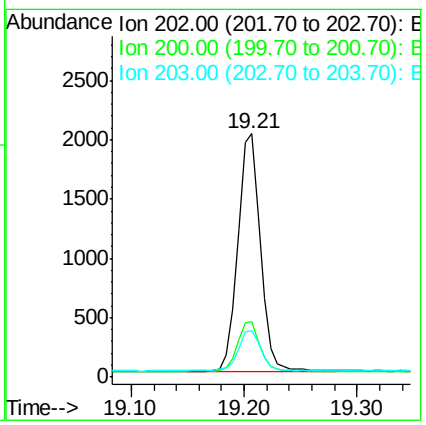


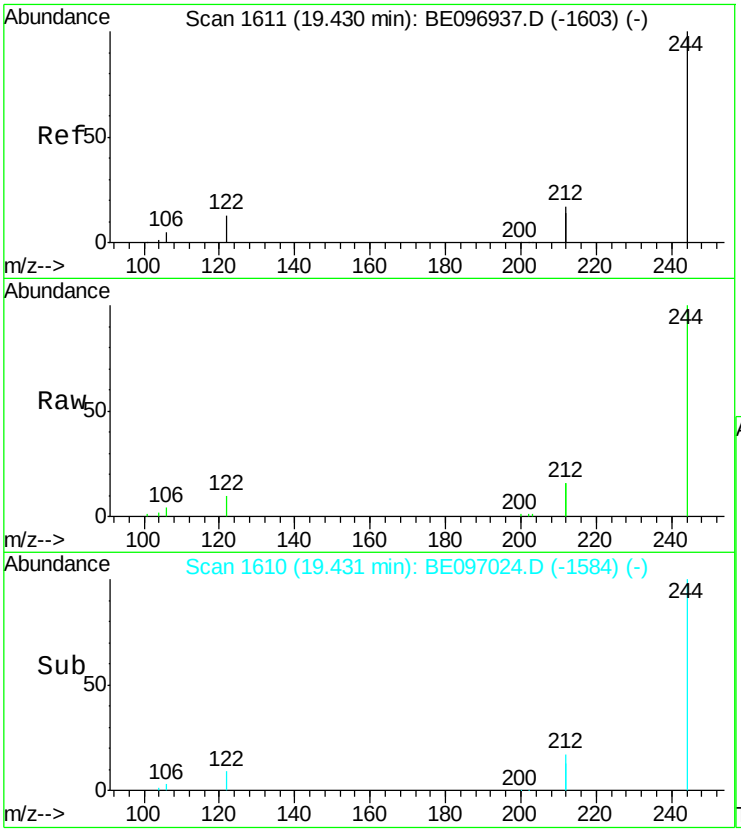


#28
Pyrene
Concen: 0.096 ng
RT: 19.21 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Tgt Ion:202 Resp: 2811

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.1	13.8	20.8



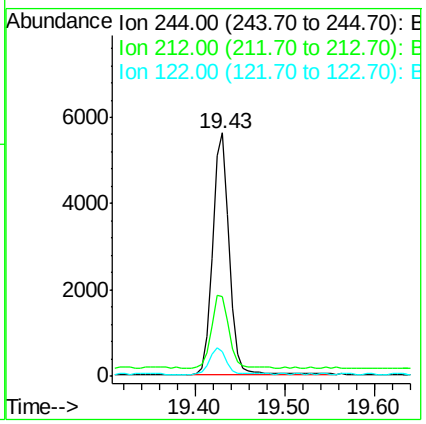


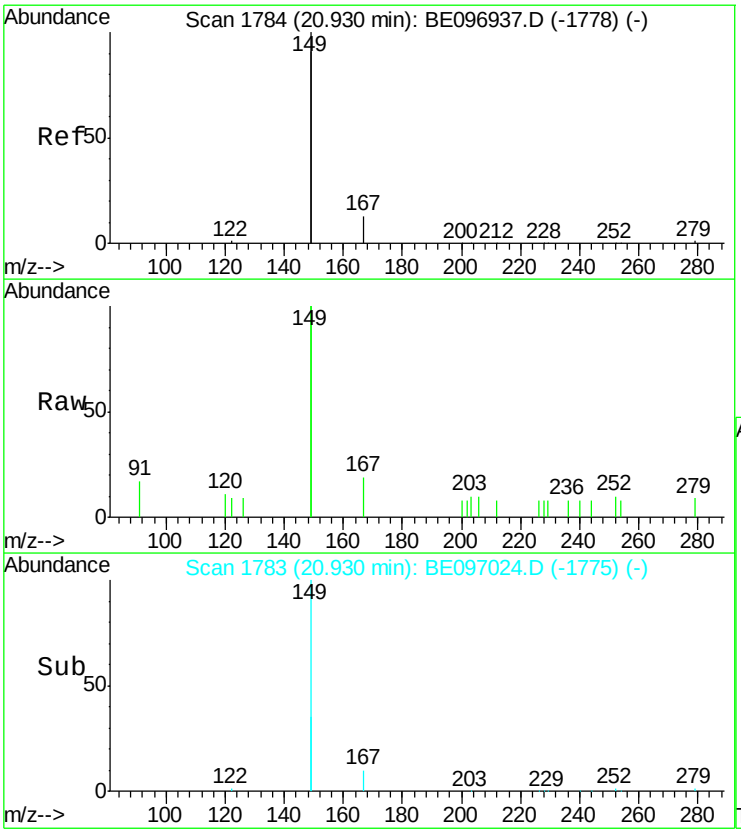
#29
Terphenyl-d14
Concen: 0.372 ng
RT: 19.43 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318DL

Tgt Ion:244 Resp: 7129

Ion	Ratio	Lower	Upper
244	100		
212	33.0	25.4	38.0
122	10.1	8.1	12.1

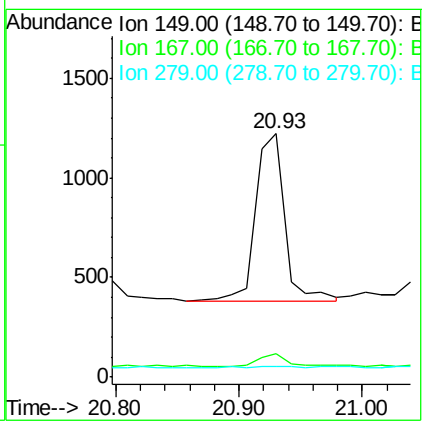


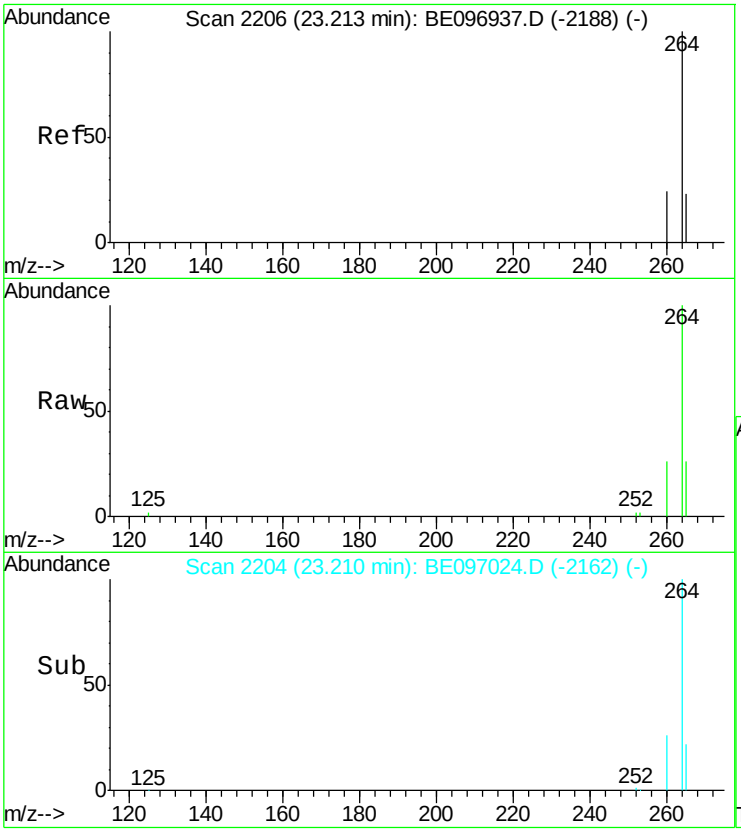


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.060 ng
RT: 20.93 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BE097024.D
Acq: 20 Jul 2018 10:56

Tgt Ion:149 Resp: 1411

Ion	Ratio	Lower	Upper
149	100		
167	8.7	5.4	8.0#
279	2.1	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: BE097024.D
Acq: 20 Jul 2018 10:56

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318DL

Tgt Ion:264 Resp: 8653

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	26.1	22.8	34.2