Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
Data File : BE097019.D
Acq On : 20 Jul 2018 7:51
Operator : SJ/JU
Sample : J4014-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE122D2-071218

Quant Time: Jul 20 08:41:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1363	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6265	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3795	0.40	ng		-0.01
19) Phenanthrene-d10	16.77	188	11290	0.40	ng		-0.01
27) Chrysene-d12	20.98	240	11134	0.40	ng		0.00
34) Perylene-d12	23.21	264	10187	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	636	0.20	ng		0.00
5) Phenol-d6	6.59	99	537	0.11	ng		0.00
8) Nitrobenzene-d5	8.53	82	2169	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3794	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	439	0.51	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	7263	0.51	ng		-0.01
25) Fluoranthene-d10	18.81	212	56686	0.58	ng		0.00
29) Terphenyl-d14	19.43	244	15239	0.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	13286	6.810	ng		94
6) bis(2-Chloroethyl)ether	6.84	93	340	0.070	ng		87
22) Pentachlorophenol	16.45	266	3	Below Cal			92
32) Bis(2-ethylhexyl)phthalate	20.92	149	1543	0.058	ng	#	99
37) Benzo(a)pyrene	23.11	252	10	0.102	ng	#	1
38) Dibenzo(a,h)anthracene	25.52	278	1	0.118	ng	#	1

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

Quantitation Report (Not Reviewed)

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Data File : BE097019.D
Acq On : 20 Jul 2018 7:51
Operator : SJ/JU
Sample : J4014-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Quant Time: Jul 20 08:41:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
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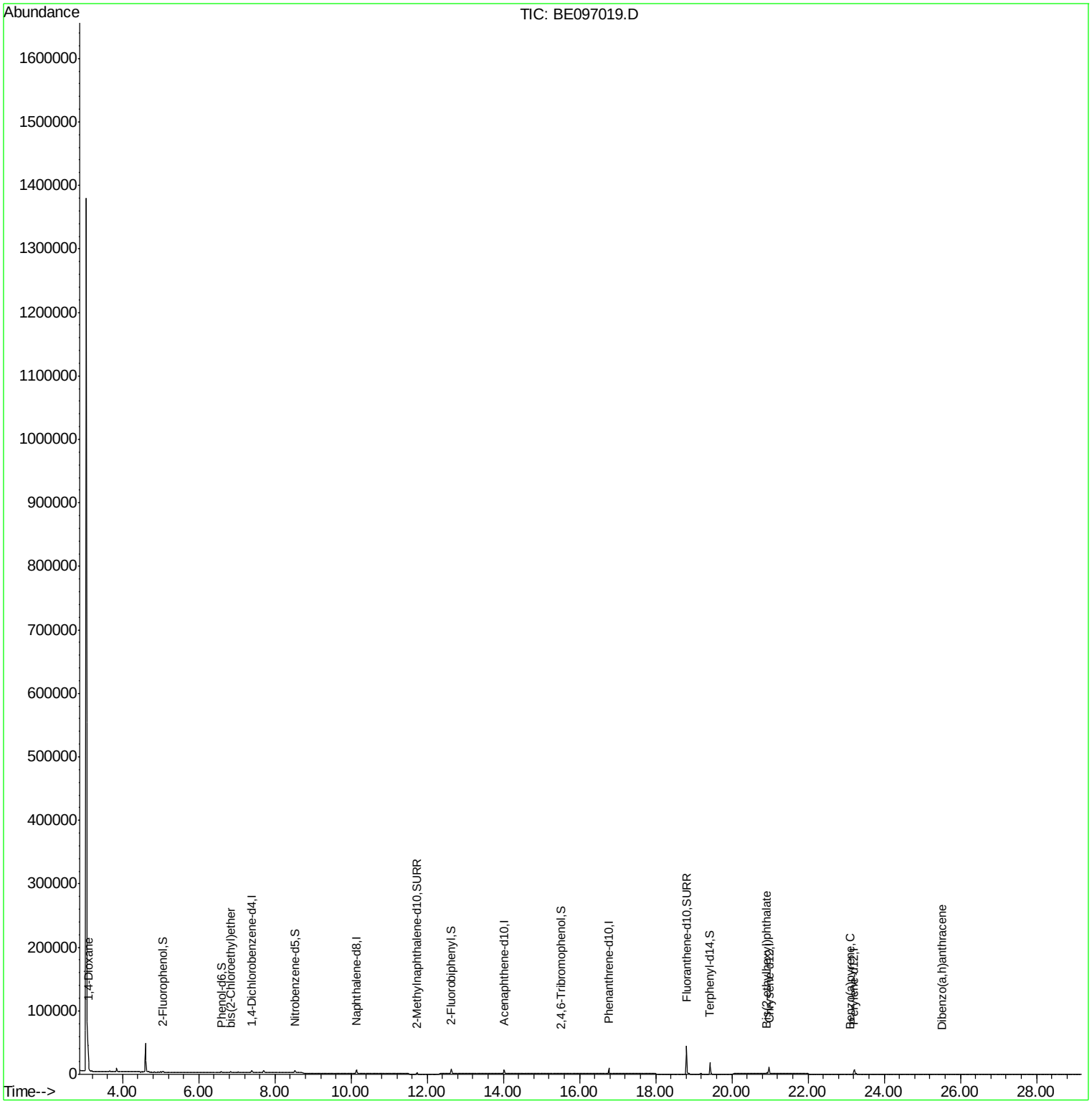
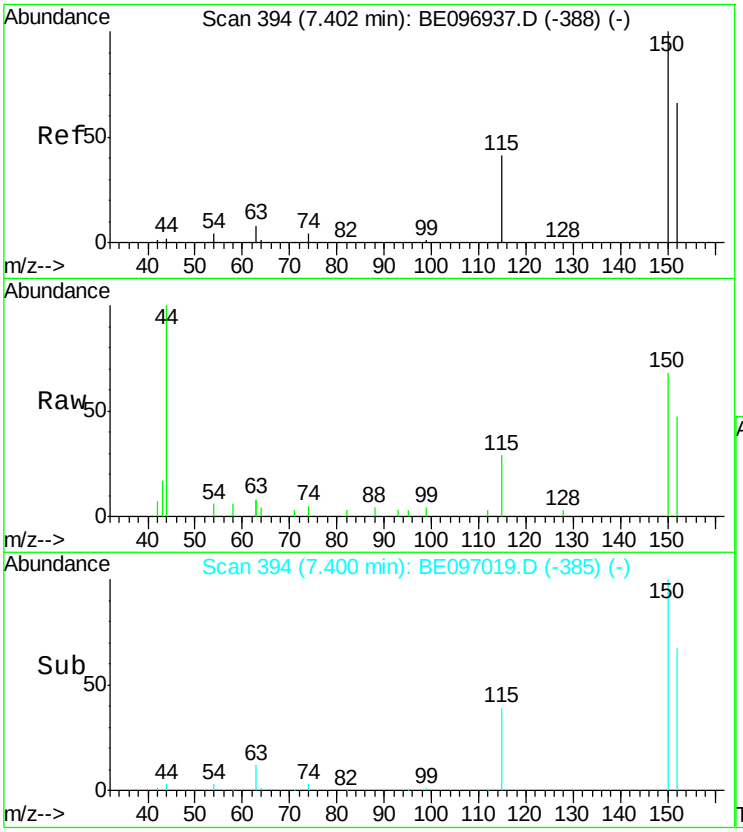


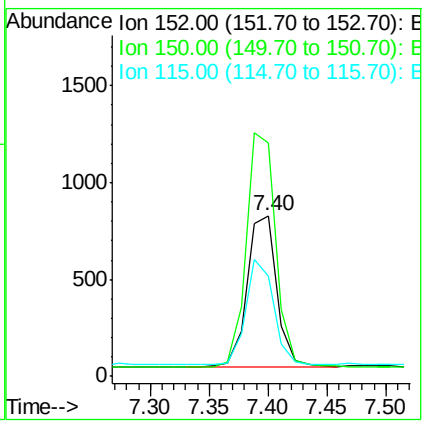


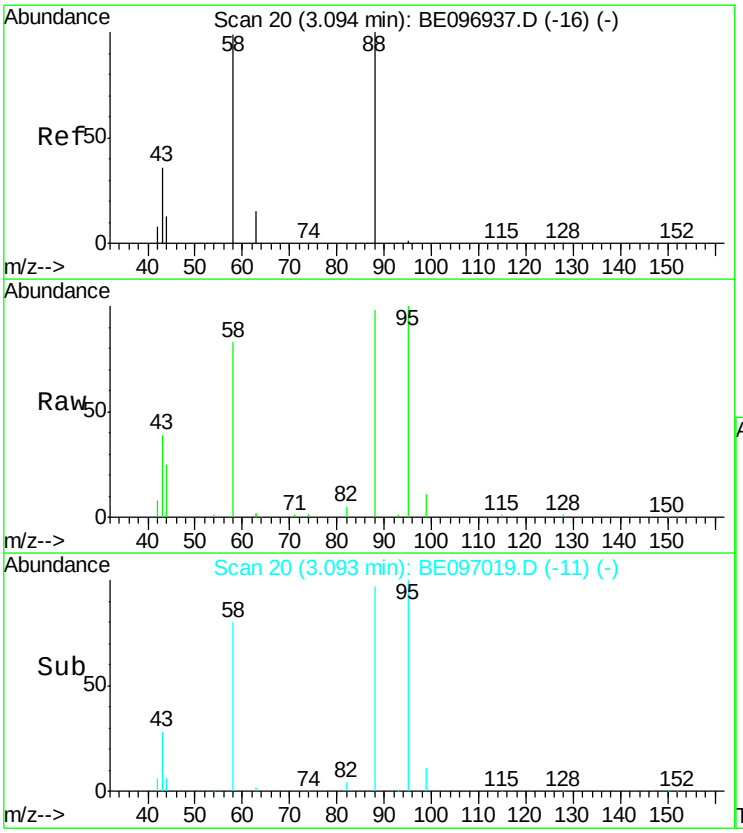
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Tgt Ion:152 Resp: 1363

Ion	Ratio	Lower	Upper
152	100		
150	145.3	117.2	175.8
115	62.2	57.0	85.6

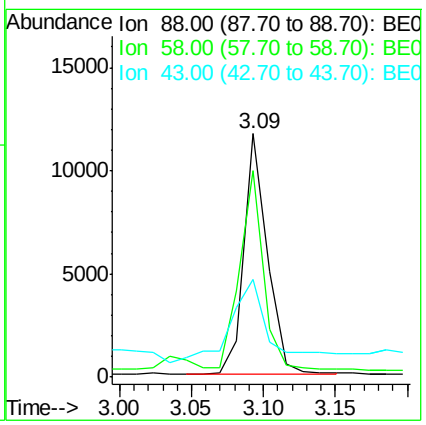


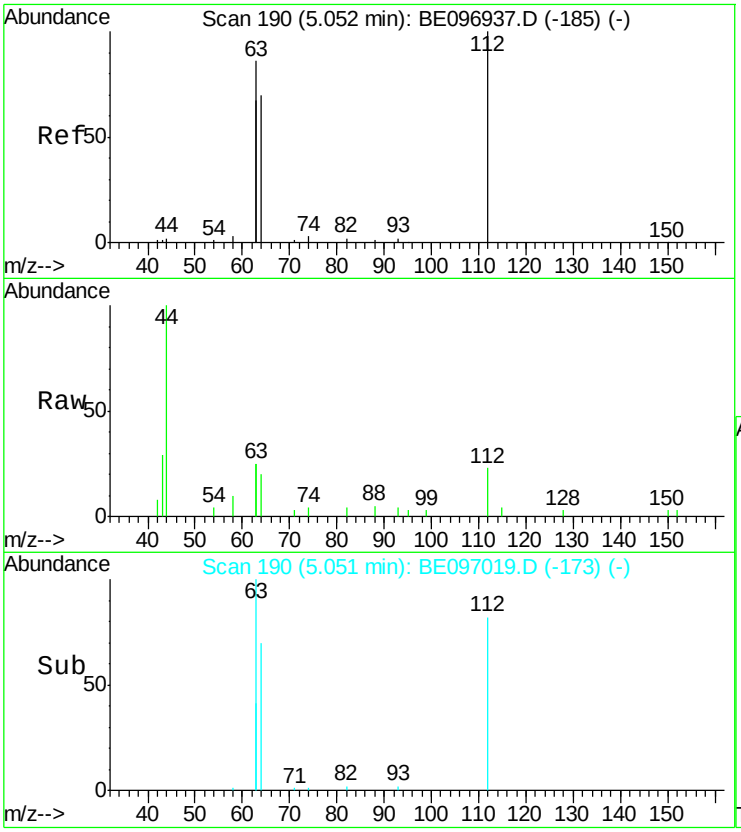


#2
1,4-Dioxane
Concen: 6.810 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Tgt Ion: 88 Resp: 13286

Ion	Ratio	Lower	Upper
88	100		
58	82.6	63.2	94.8
43	57.7	41.2	61.8



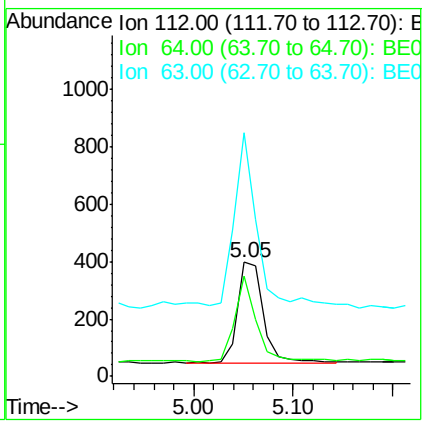


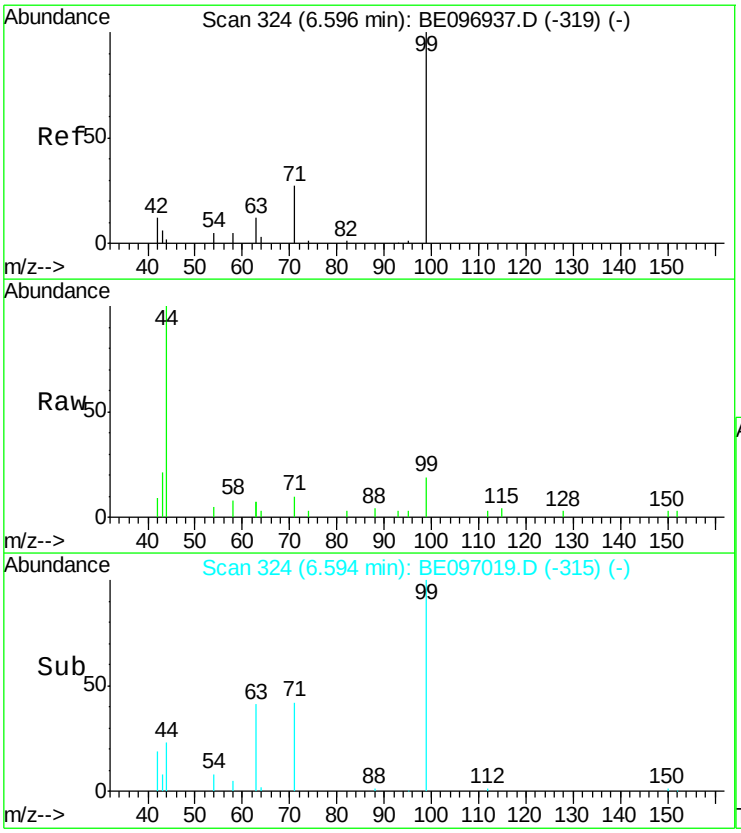
#4
2-Fluorophenol
Concen: 0.195 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Tgt Ion:112 Resp: 636

Ion	Ratio	Lower	Upper
112	100		
64	68.2	60.1	90.1
63	155.8	116.8	175.2

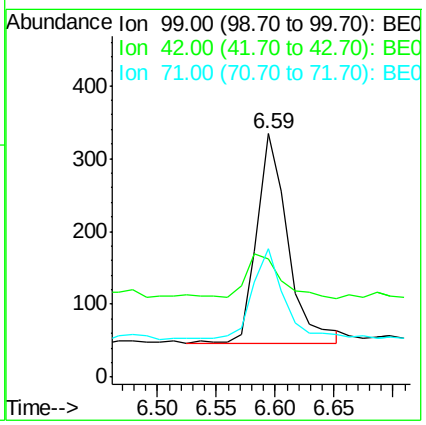


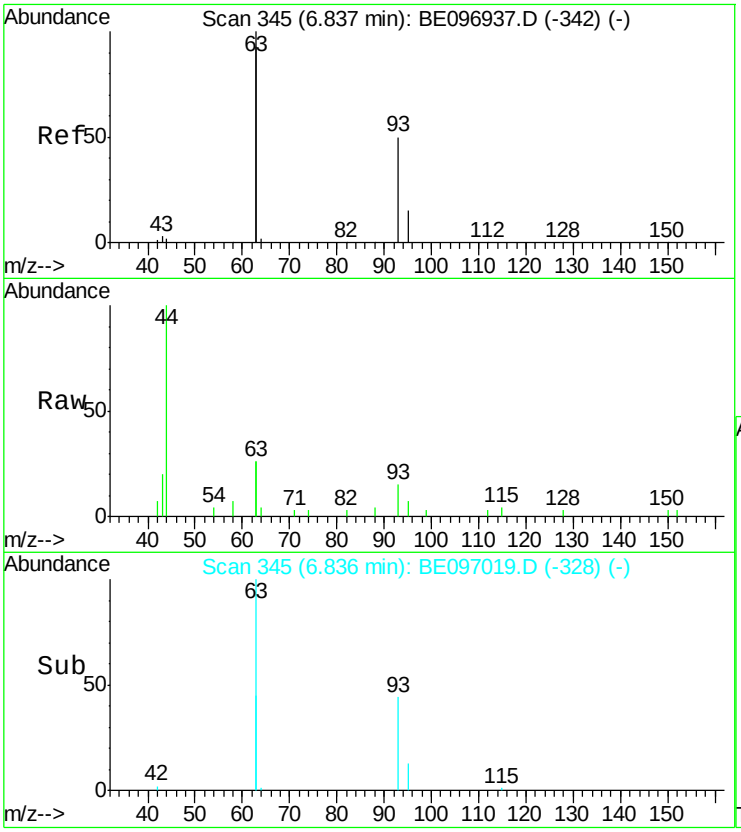


#5
Phenol-d6
Concen: 0.108 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Tgt Ion: 99 Resp: 537

Ion	Ratio	Lower	Upper
99	100		
42	23.5	20.2	30.2
71	41.9	28.4	42.6



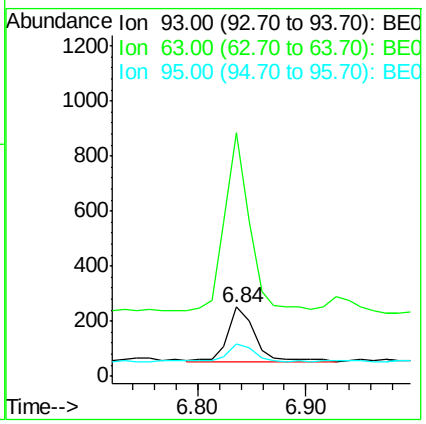


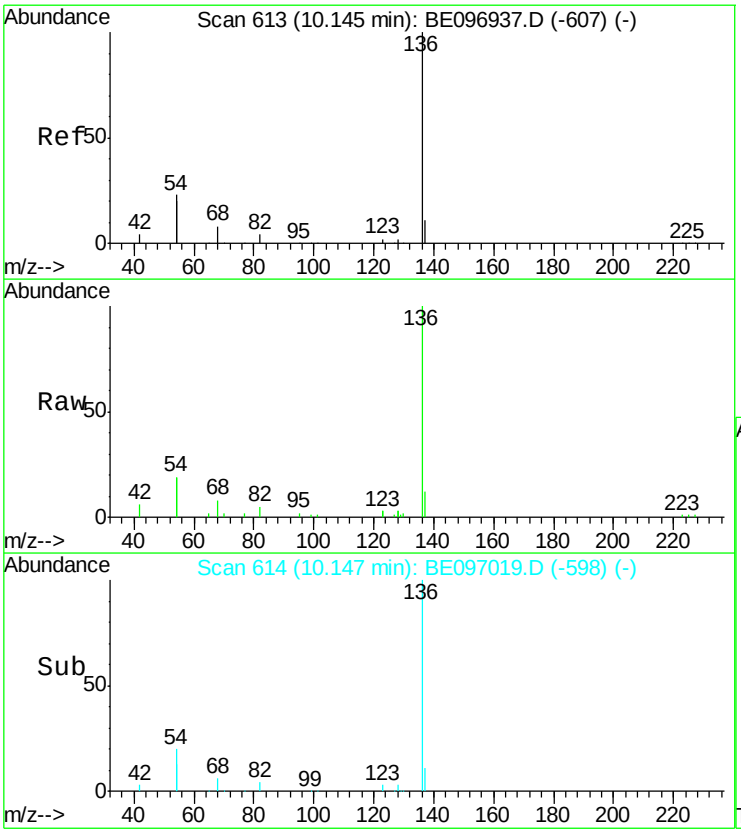
#6
bis(2-Chloroethyl)ether
Concen: 0.070 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Tgt Ion: 93 Resp: 340

Ion	Ratio	Lower	Upper
93	100		
63	313.5	275.3	412.9
95	32.1	25.2	37.8

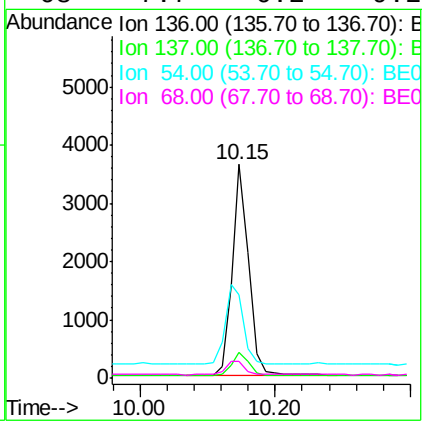


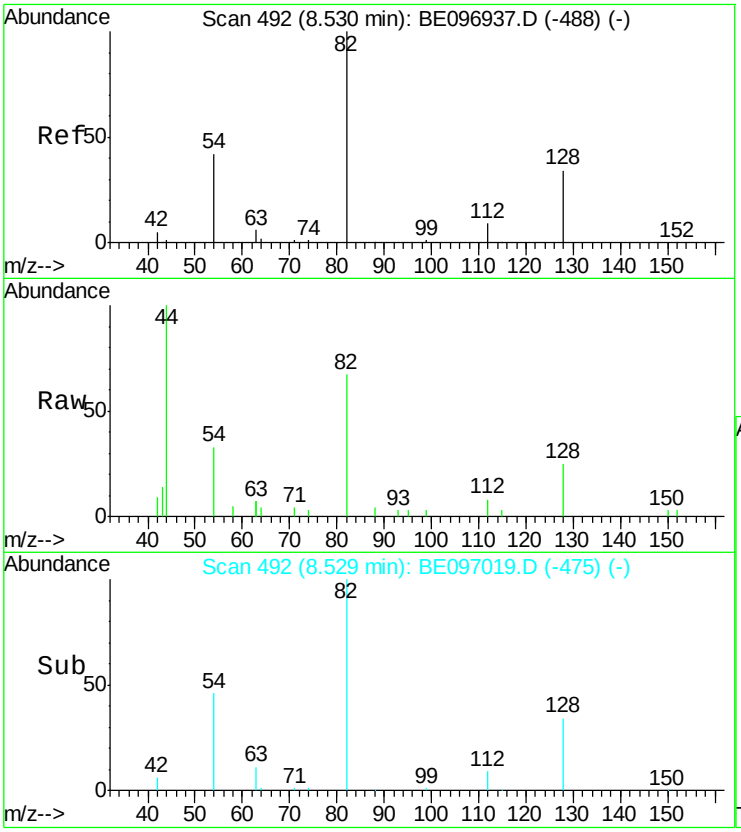


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 614
Delta R.T. 0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Tgt Ion:136 Resp: 6265

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	38.9	29.1	43.7
68	7.7	6.2	9.2



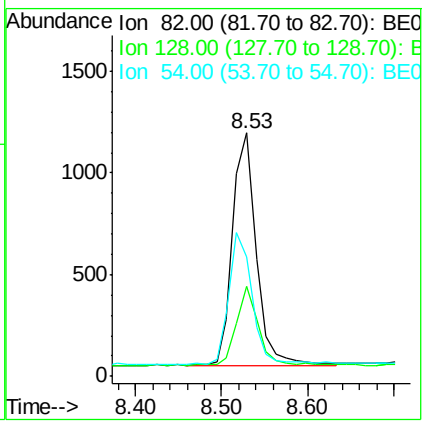


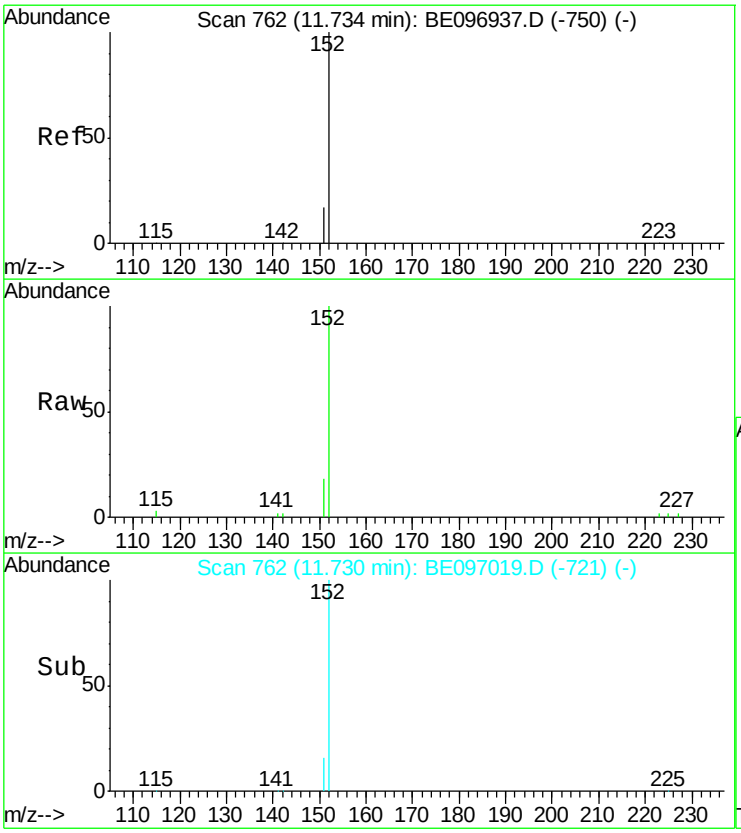
#8
Nitrobenzene-d5
Concen: 0.475 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Tgt Ion: 82 Resp: 2169

Ion	Ratio	Lower	Upper
82	100		
128	36.8	24.0	36.0#
54	49.3	40.0	60.0

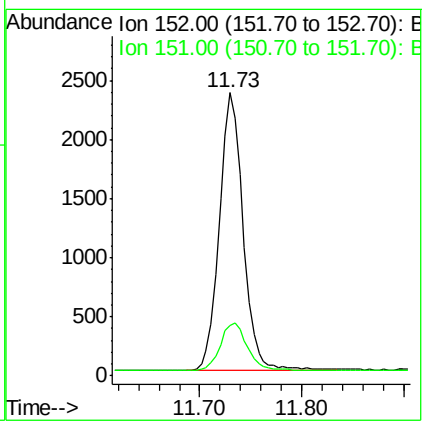


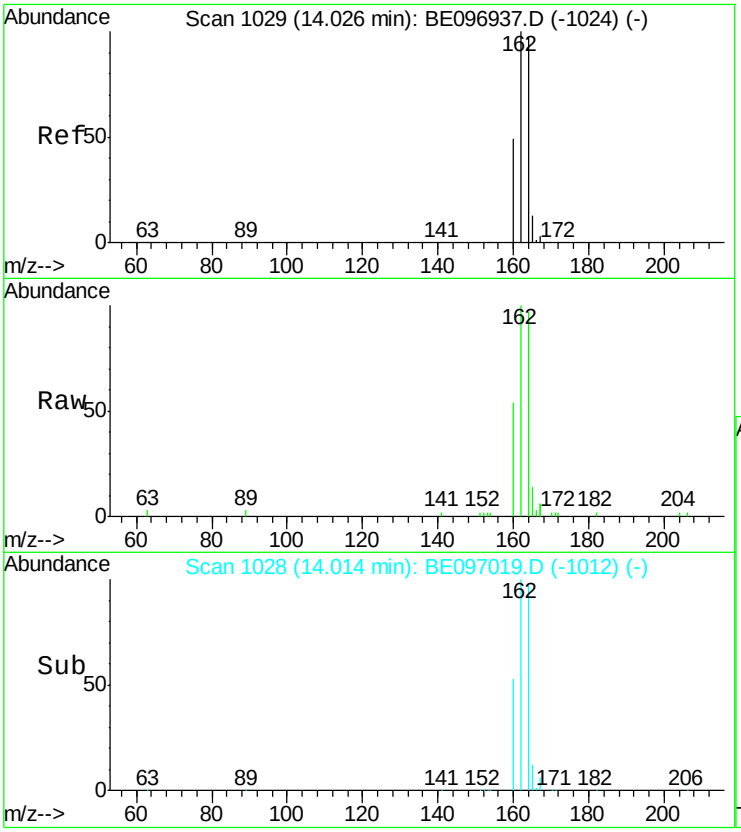


#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 11.73 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Tgt Ion:152 Resp: 3794

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0



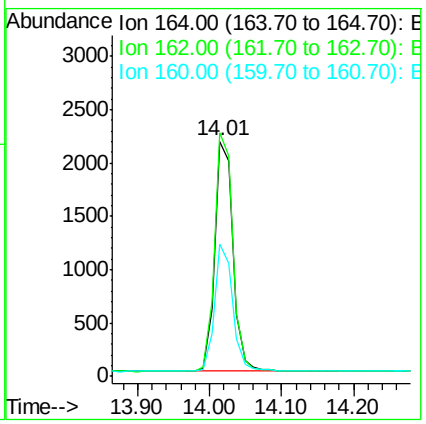


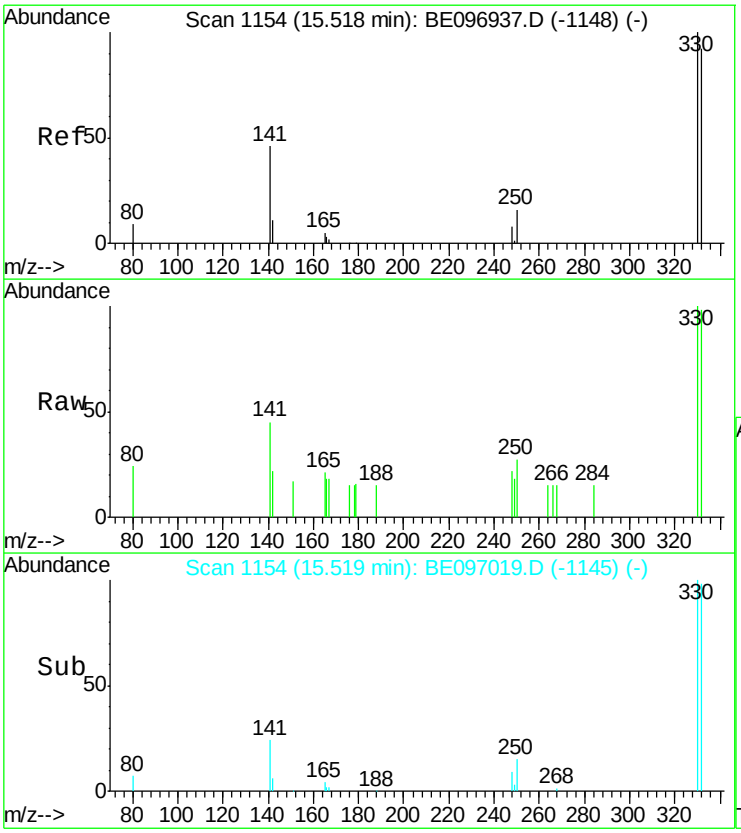
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Tgt Ion:164 Resp: 3795

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.1	124.7
160	56.3	37.1	55.7#

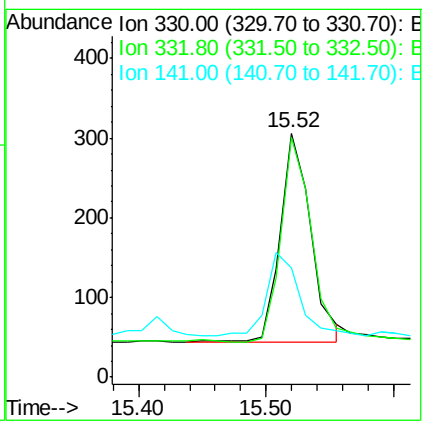


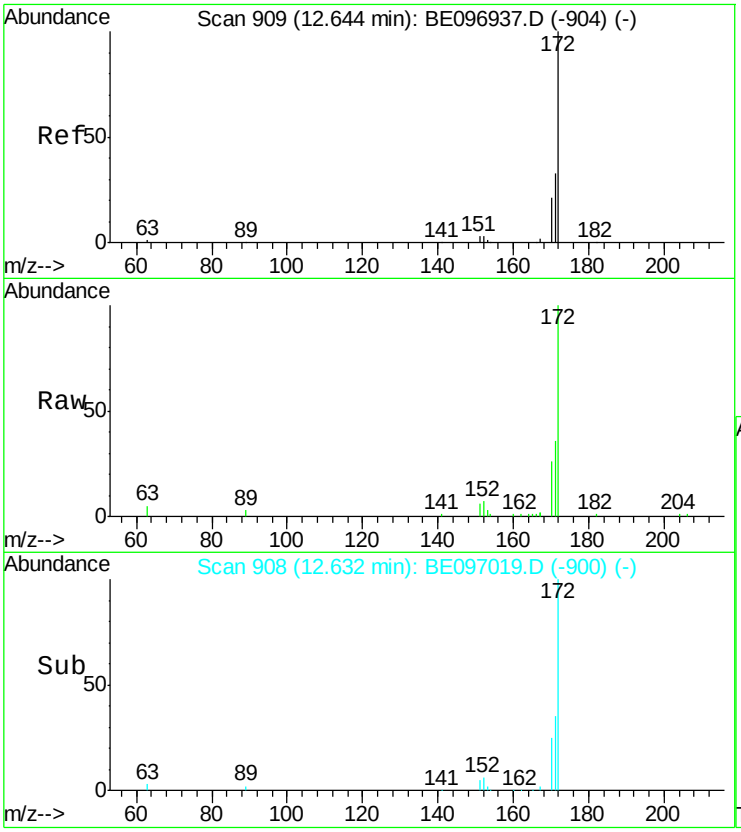


#14
2,4,6-Tribromophenol
Concen: 0.507 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Tgt Ion:330 Resp: 439

Ion	Ratio	Lower	Upper
330	100		
332	96.8	152.7	229.1#
141	42.4	33.7	50.5



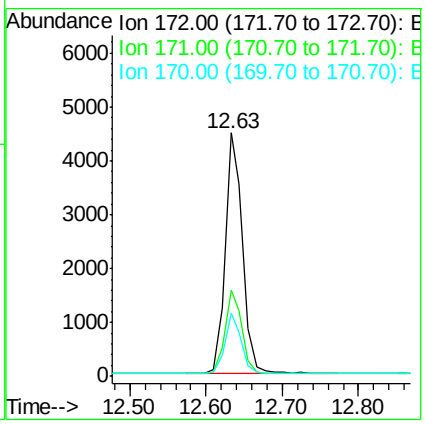


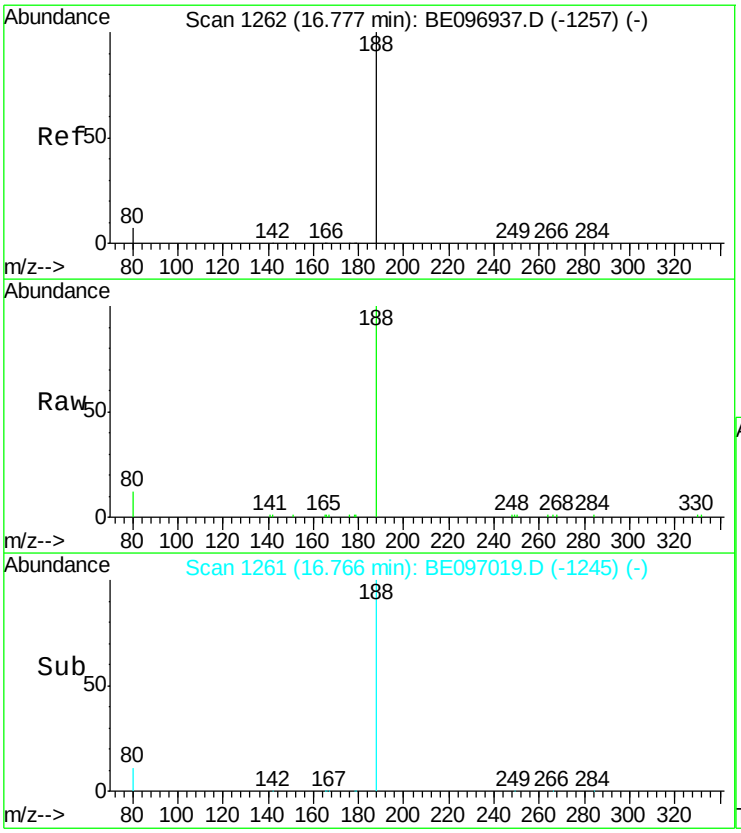
#15
2-Fluorobiphenyl
Concen: 0.515 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Tgt Ion:172 Resp: 7263

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	25.7	21.8	32.8

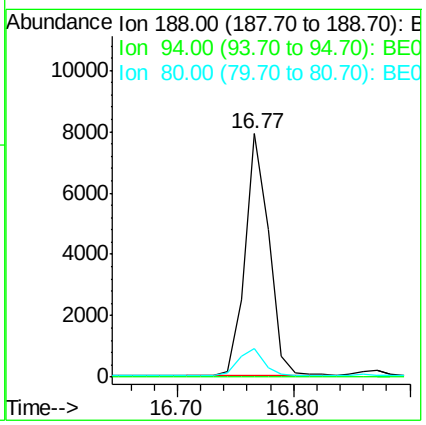


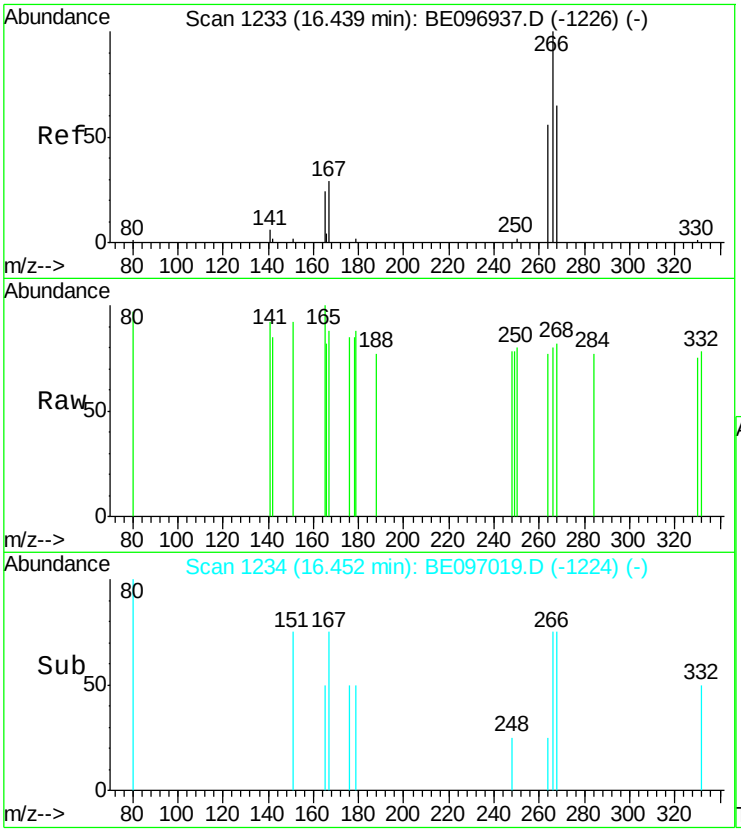


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Tgt Ion:188 Resp: 11290

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.9	3.6	5.4#



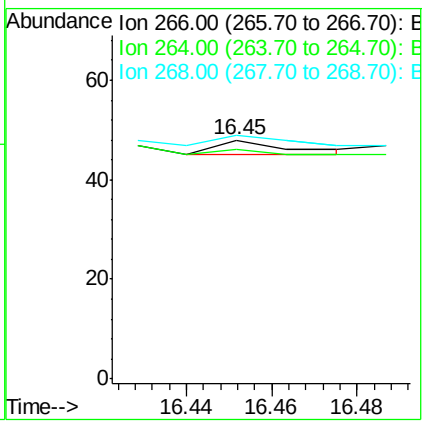


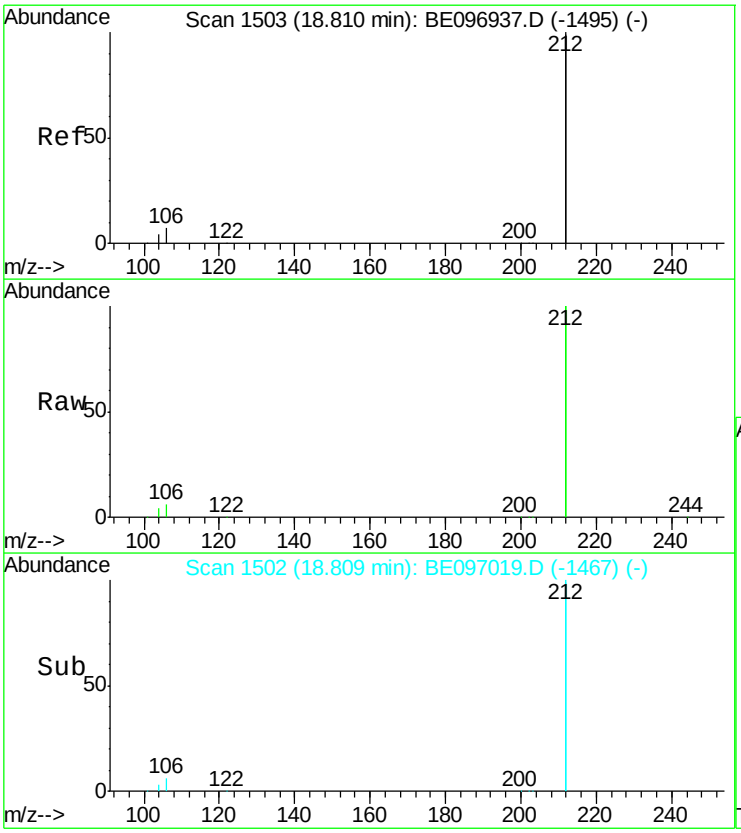
#22
Pentachlorophenol
Concen: Below Cal
RT: 16.45 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	95.8	72.5	108.7
268	102.1	73.8	110.6

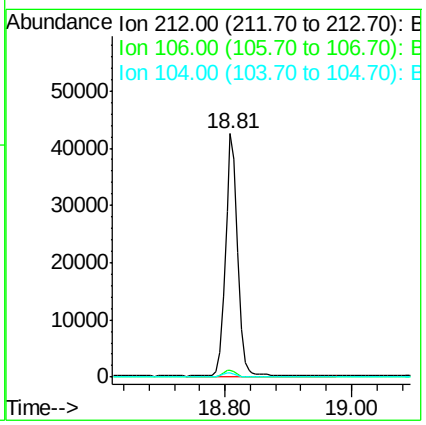


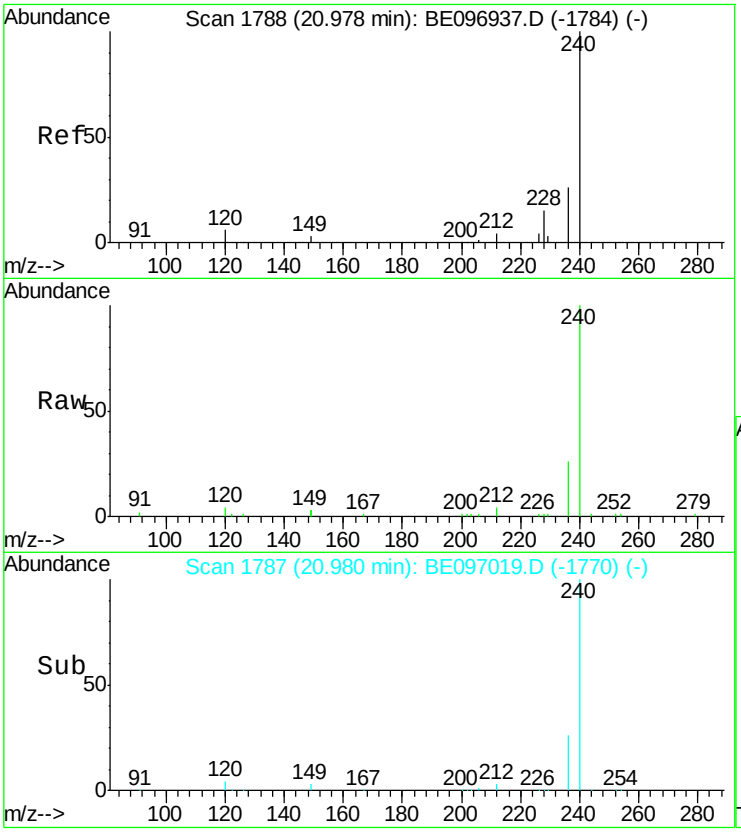


#25
Fluoranthene-d10
Concen: 0.577 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Tgt Ion:212 Resp: 56686

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



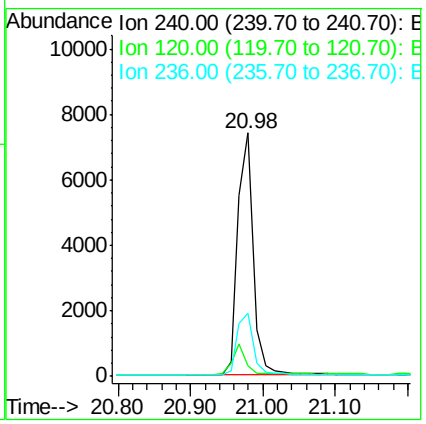


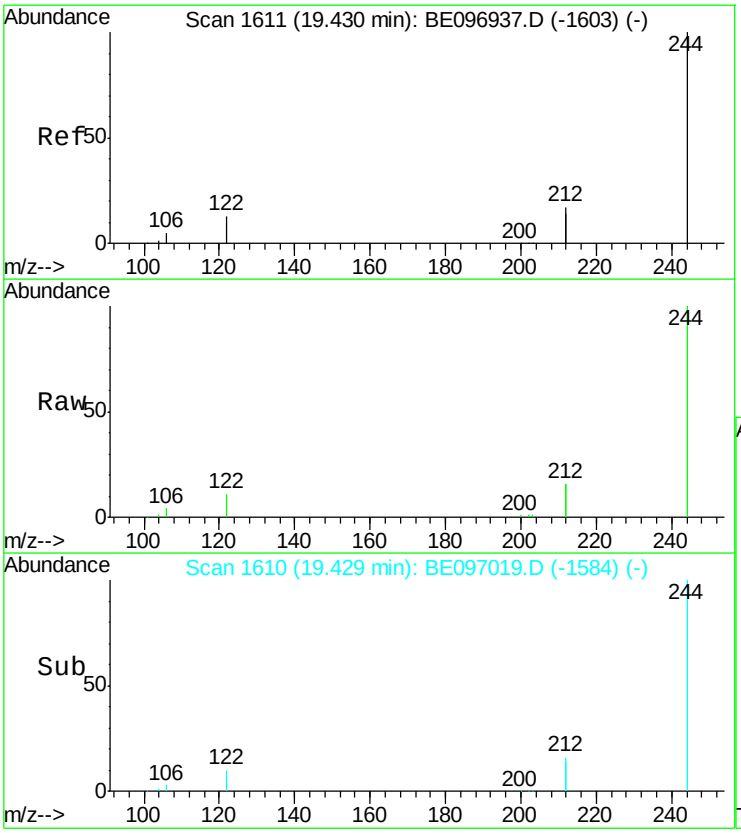
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Tgt Ion:240 Resp: 11134

Ion	Ratio	Lower	Upper
240	100		
120	4.5	5.5	8.3#
236	26.2	20.7	31.1

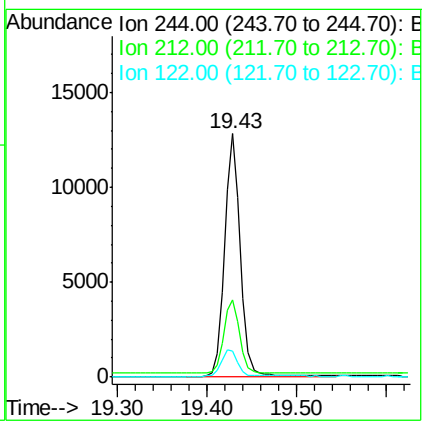


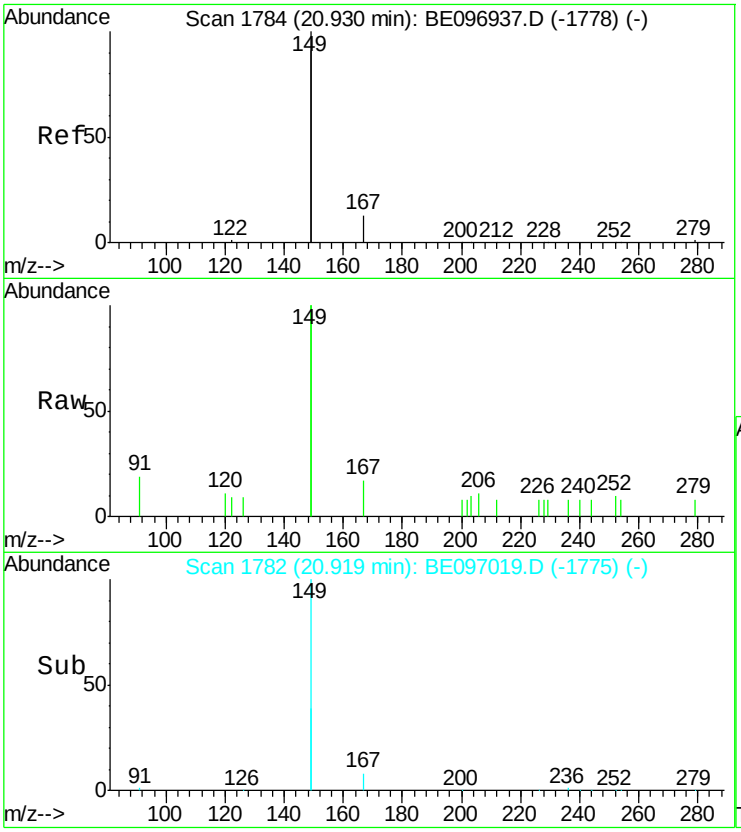


#29
Terphenyl-d14
Concen: 0.709 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Tgt Ion:244 Resp: 15239

Ion	Ratio	Lower	Upper
244	100		
212	31.8	25.4	38.0
122	10.6	8.1	12.1



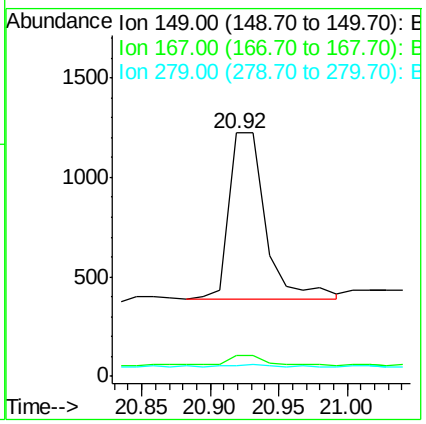


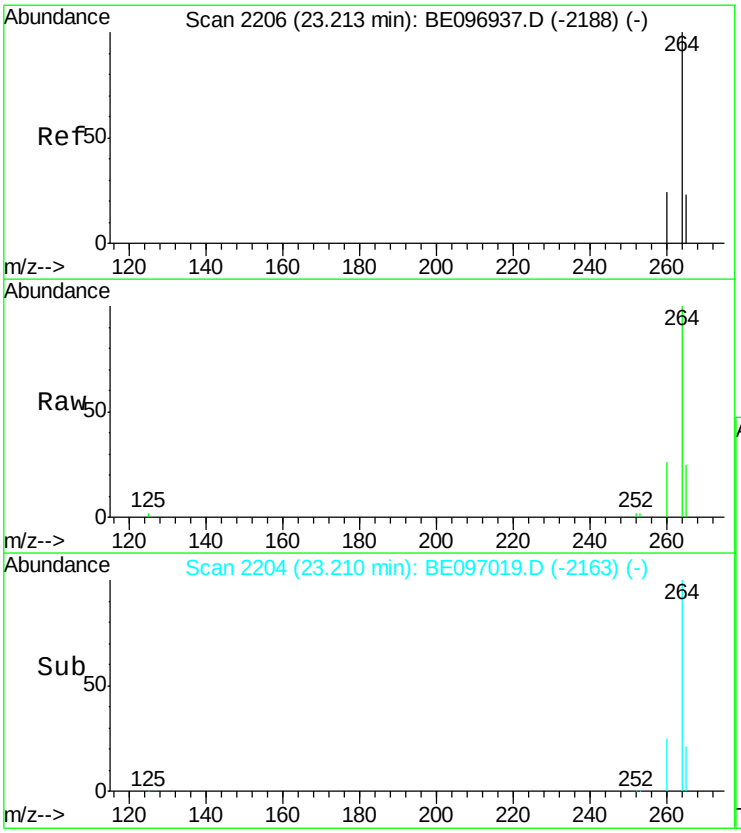
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.058 ng
RT: 20.92 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Tgt Ion:149 Resp: 1543

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.9	0.7	1.1#

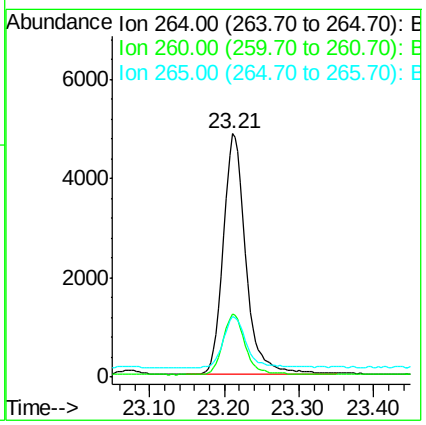


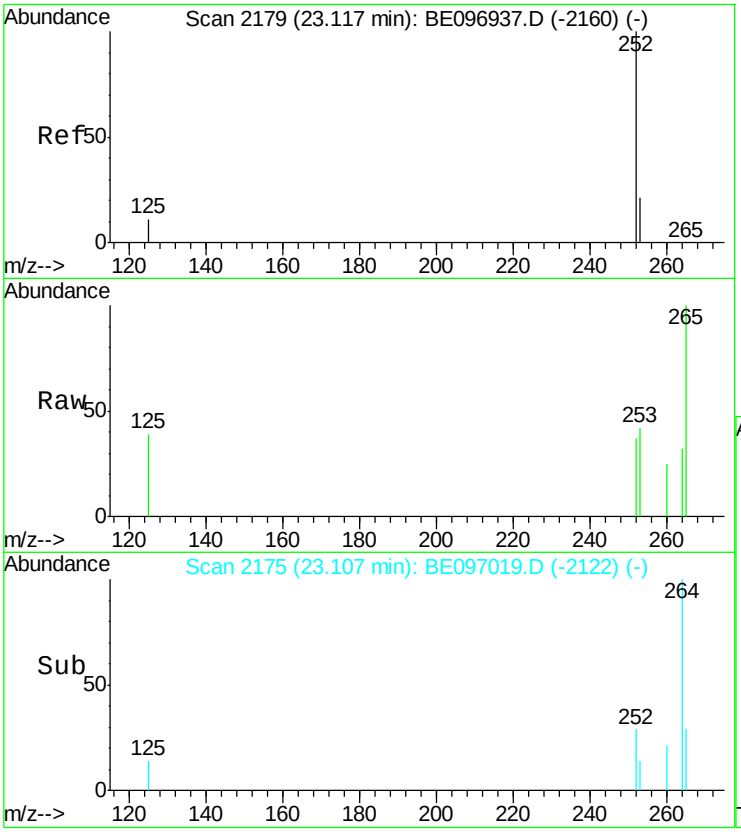


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Tgt Ion:264 Resp: 10187

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	25.1	22.8	34.2



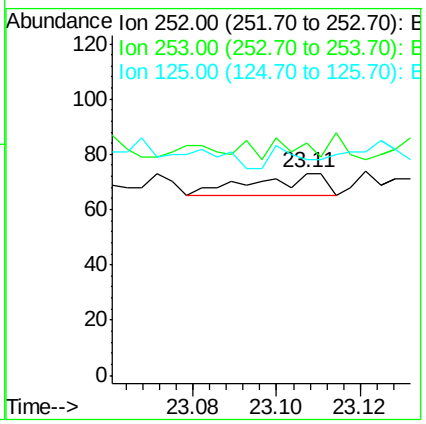


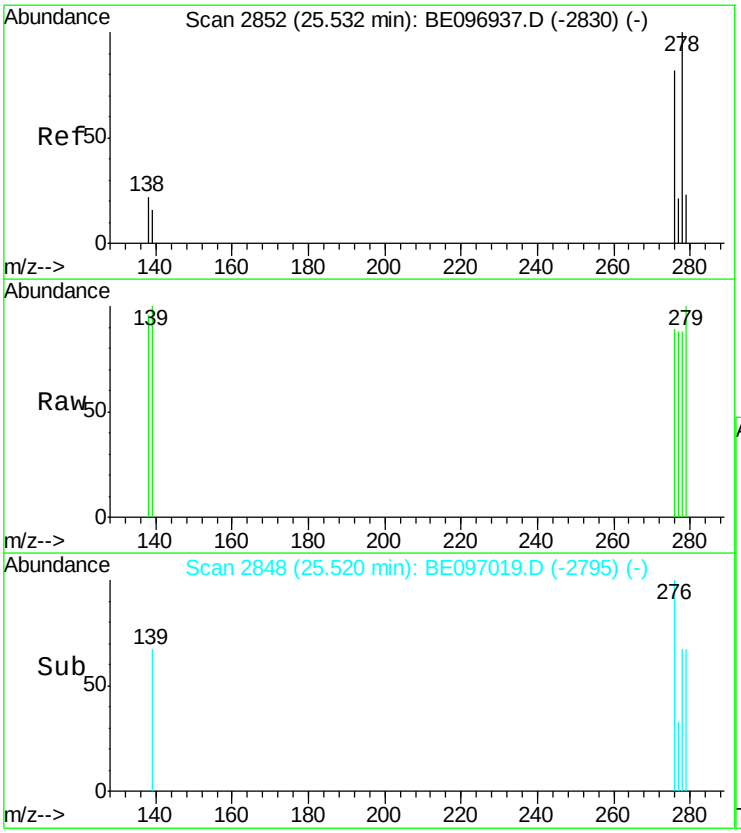
#37
Benzo(a)pyrene
Concen: 0.102 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Instrument :
BNA_E
ClientSampleId :
RE122D2-071218

Tgt Ion:252 Resp: 10

Ion	Ratio	Lower	Upper
252	100		
253	115.1	16.0	24.0#
125	106.8	12.0	18.0#





#38
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 25.52 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BE097019.D
Acq: 20 Jul 2018 7:51

Tgt Ion:278 Resp: 1

Ion	Ratio	Lower	Upper
278	100		
139	114.3	16.0	24.0#
279	114.3	20.0	30.0#