Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
Data File : BE097008.D
Acq On : 19 Jul 2018 17:05
Operator : SJ/JU
Sample : J4014-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE103D2-071218

Quant Time: Jul 20 04:49:20 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	1474	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6906	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	4285	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	12903	0.40	ng		-0.01
27) Chrysene-d12	20.98	240	12167	0.40	ng		0.00
34) Perylene-d12	23.21	264	11088	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	687	0.19	ng		0.01
5) Phenol-d6	6.59	99	594	0.11	ng		0.00
8) Nitrobenzene-d5	8.53	82	2314	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3918	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	520	0.53	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	8005	0.50	ng		-0.01
25) Fluoranthene-d10	18.81	212	57666	0.51	ng		0.00
29) Terphenyl-d14	19.43	244	12378	0.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	1819	0.862	ng		95
6) bis(2-Chloroethyl)ether	6.84	93	178	0.034	ng	#	94
32) Bis(2-ethylhexyl)phthalate	20.93	149	4682	0.162	ng	#	100

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
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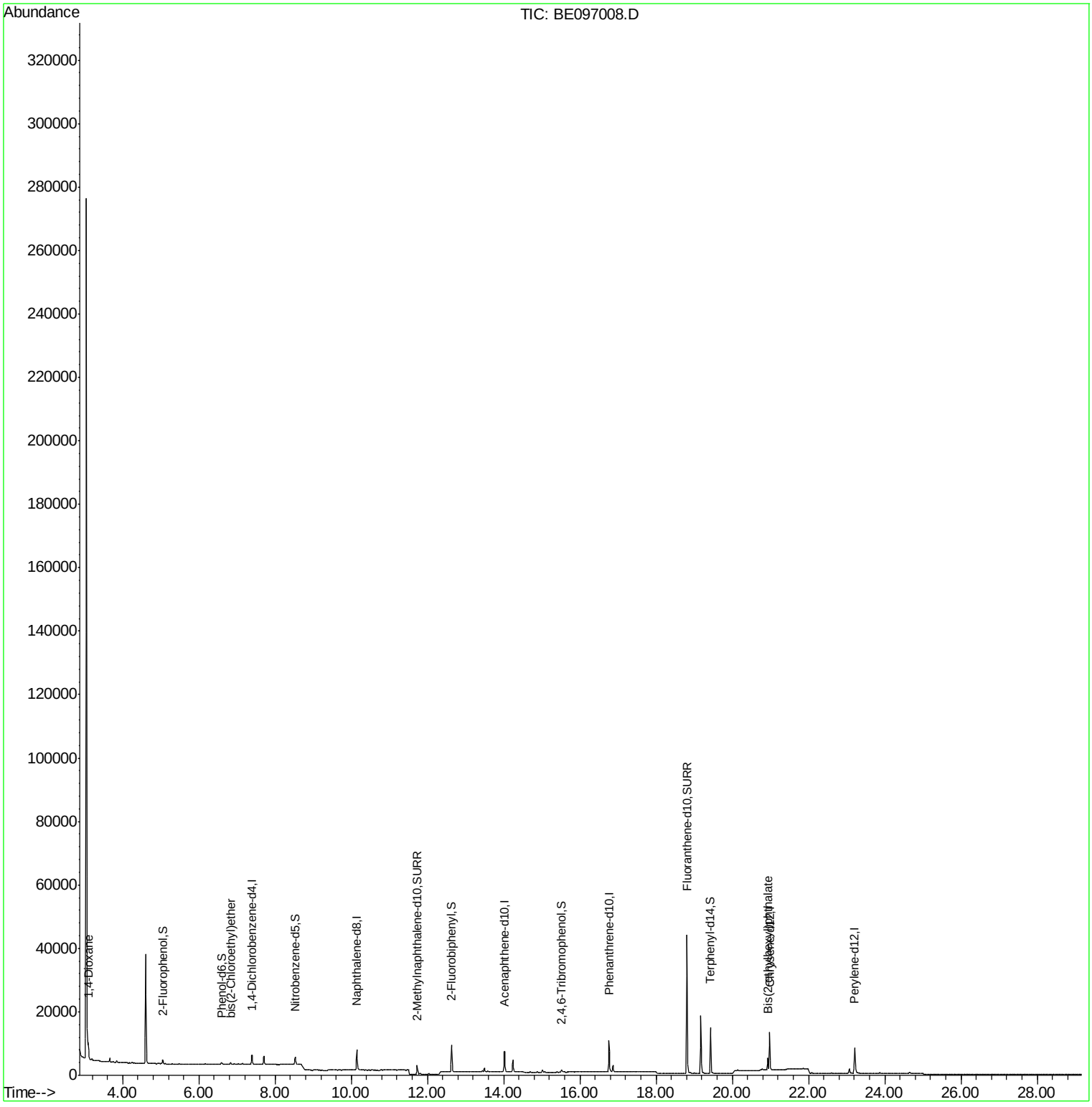
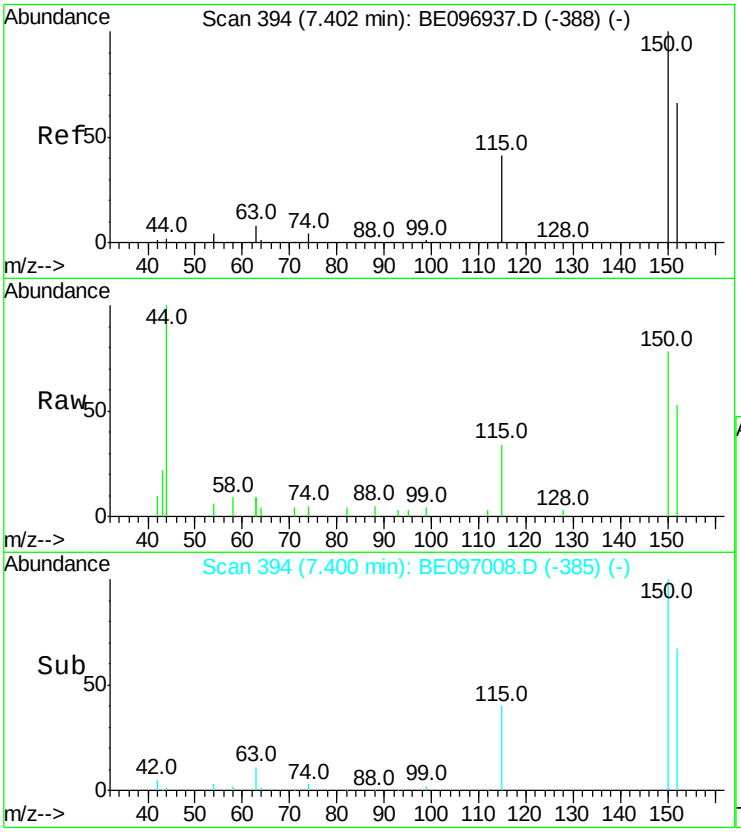


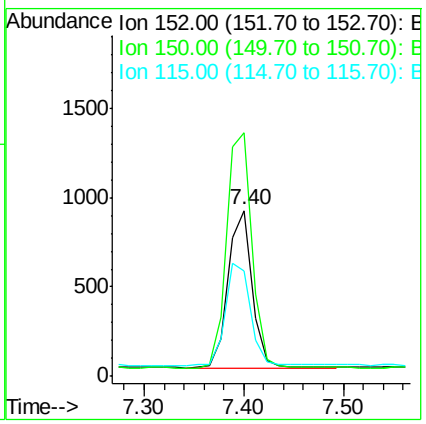


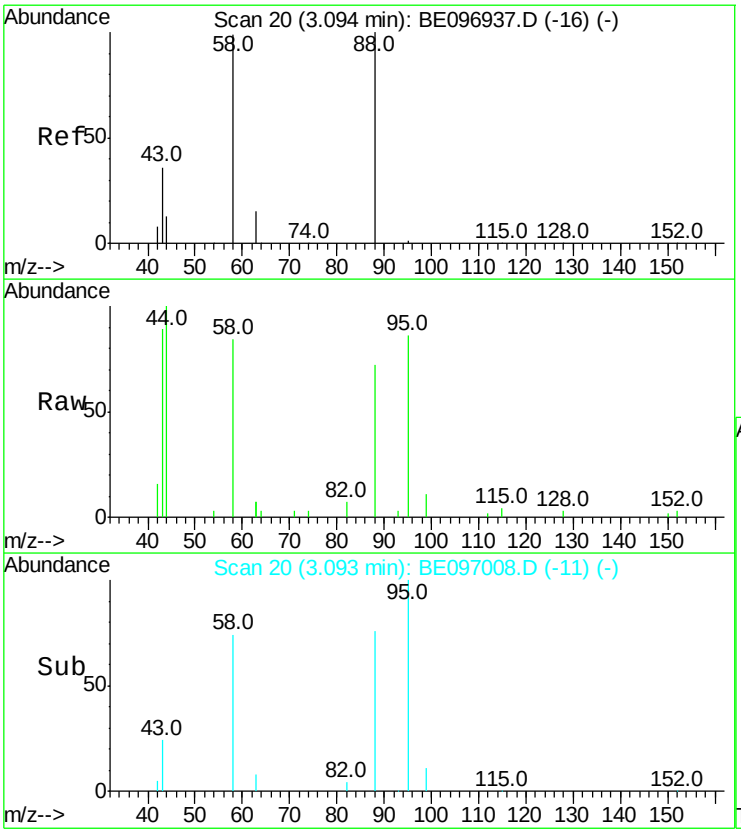
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Instrument :
BNA_E
ClientSampleId :
RE103D2-071218

Tgt Ion:152 Resp: 1474

Ion	Ratio	Lower	Upper
152	100		
150	147.1	117.2	175.8
115	63.5	57.0	85.6

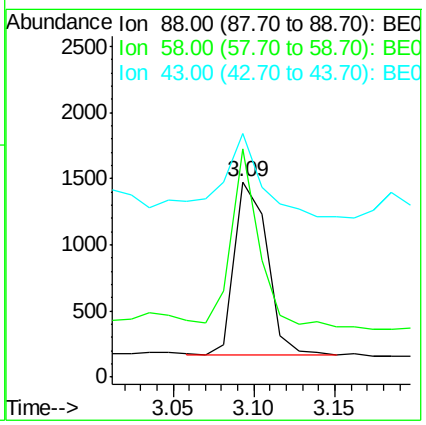


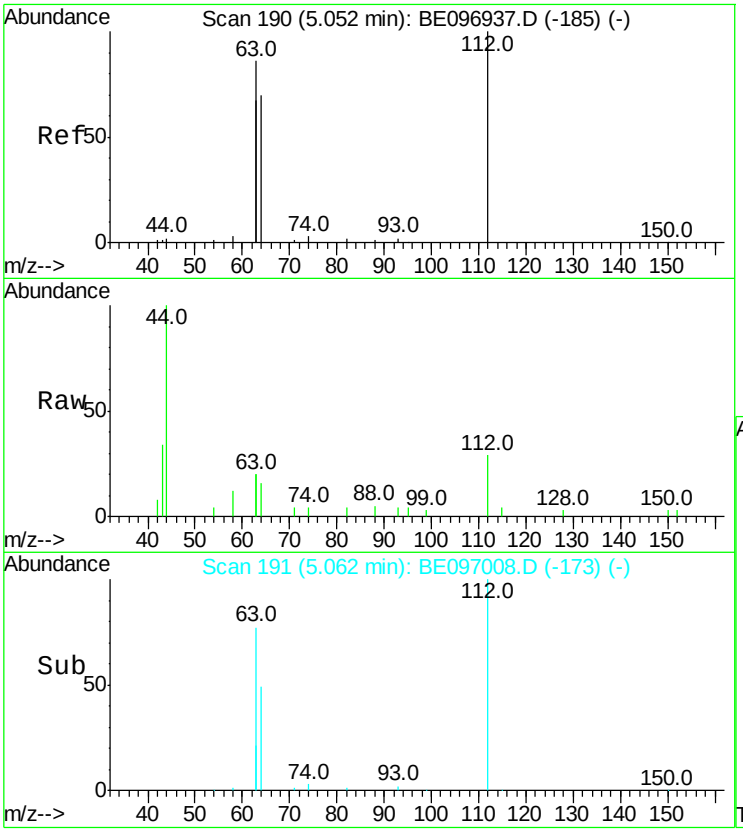


#2
1,4-Dioxane
Concen: 0.862 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Tgt Ion: 88 Resp: 1819

Ion	Ratio	Lower	Upper
88	100		
58	85.2	63.2	94.8
43	53.5	41.2	61.8



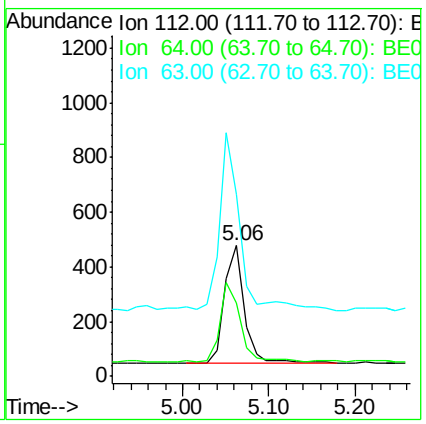


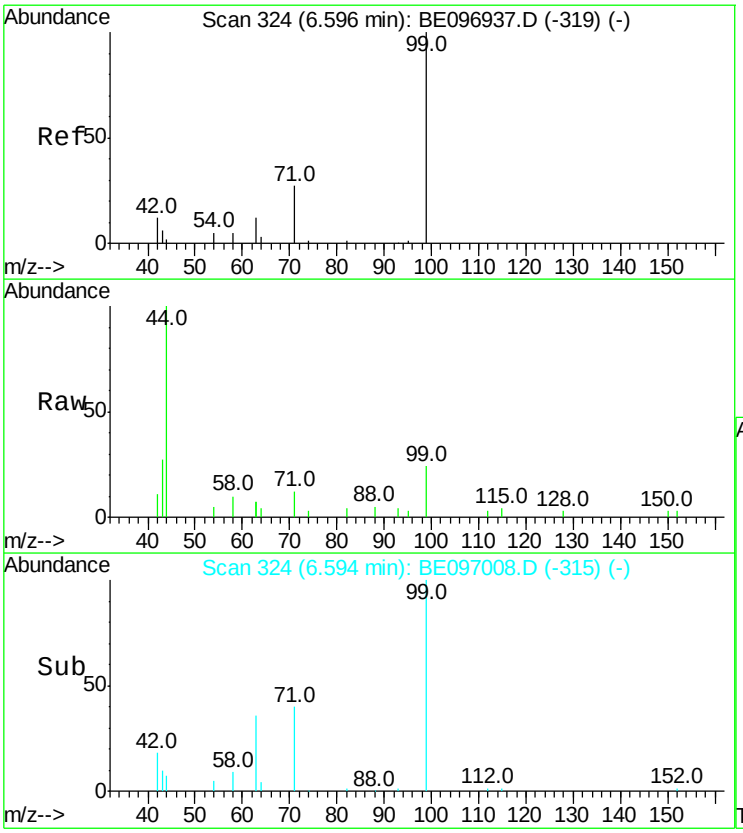
#4
2-Fluorophenol
Concen: 0.195 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Instrument :
BNA_E
ClientSampleId :
RE103D2-071218

Tgt Ion:112 Resp: 687

Ion	Ratio	Lower	Upper
112	100		
64	69.7	60.1	90.1
63	139.0	116.8	175.2

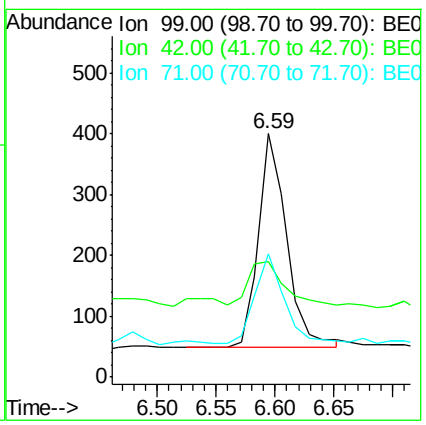


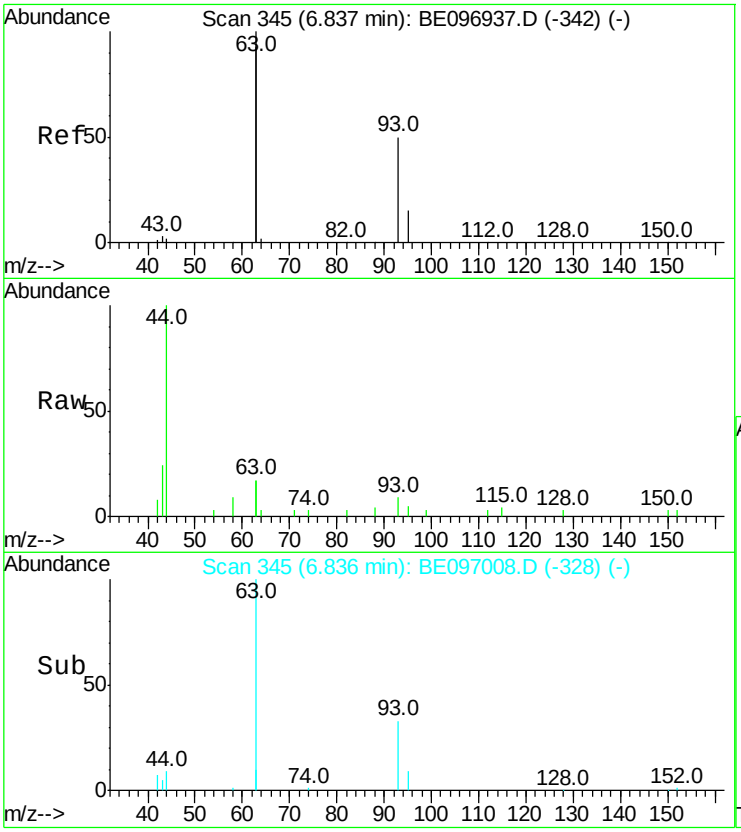


#5
Phenol-d6
Concen: 0.110 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Tgt Ion: 99 Resp: 594

Ion	Ratio	Lower	Upper
99	100		
42	25.8	20.2	30.2
71	43.3	28.4	42.6#



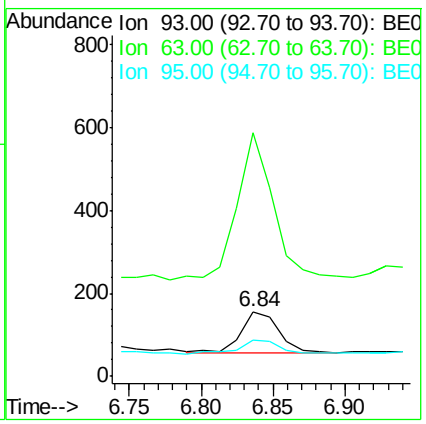


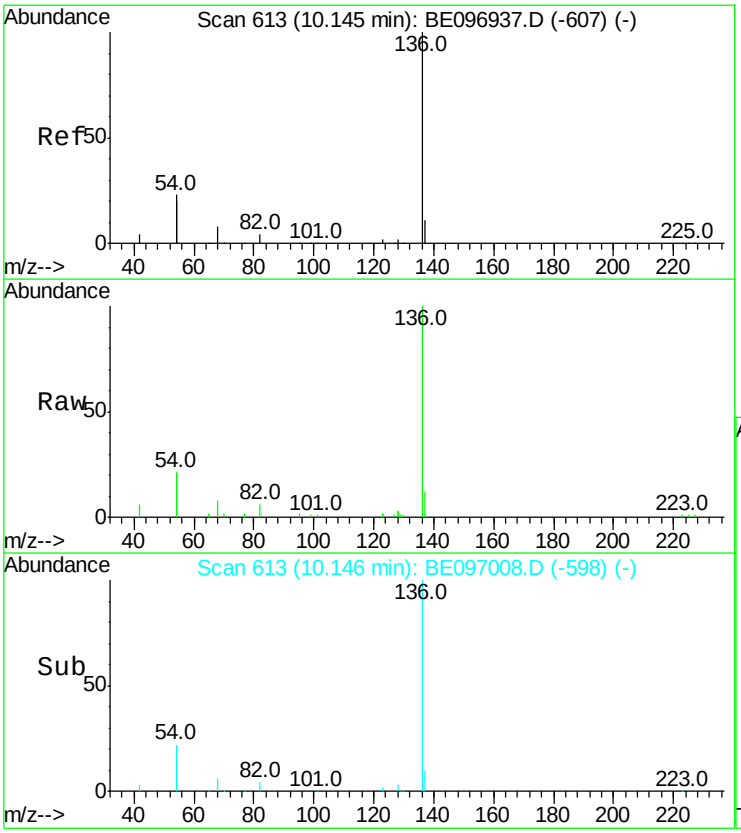
#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Instrument :
BNA_E
ClientSampleId :
RE103D2-071218

Tgt Ion: 93 Resp: 178

Ion	Ratio	Lower	Upper
93	100		
63	356.2	275.3	412.9
95	39.3	25.2	37.8#

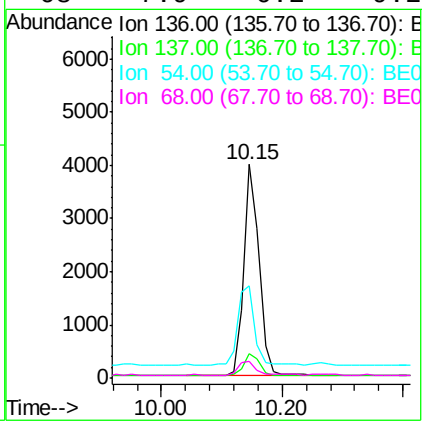


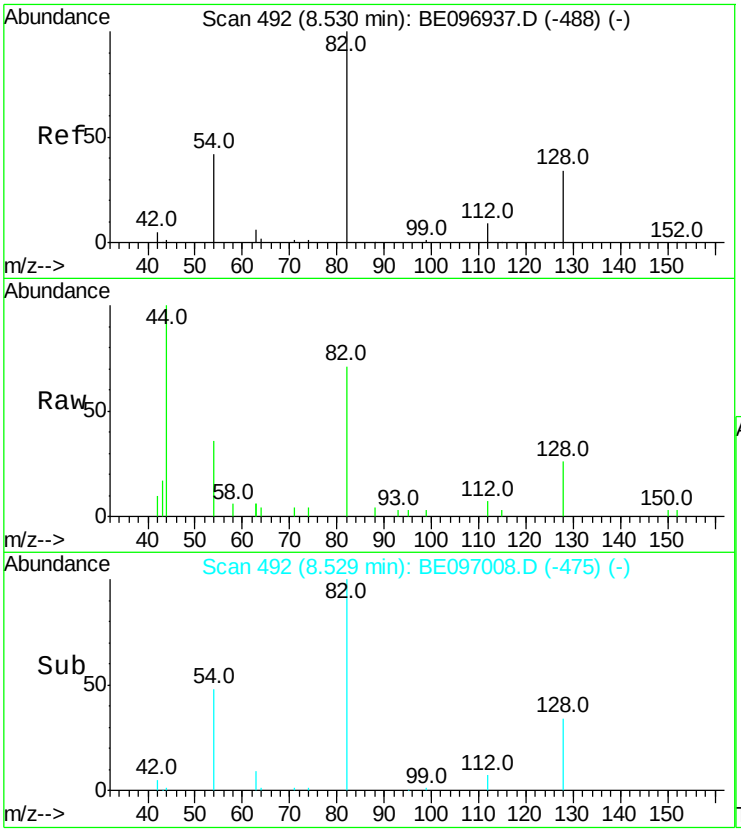


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Tgt Ion:136 Resp: 6906

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	42.9	29.1	43.7
68	7.9	6.2	9.2



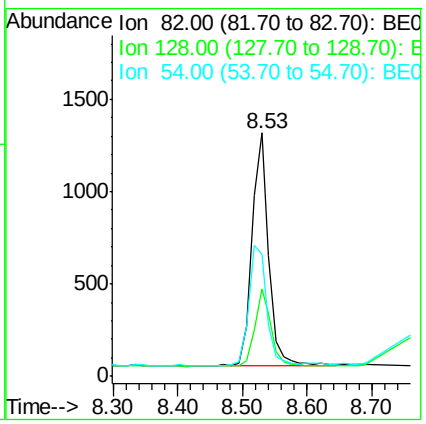


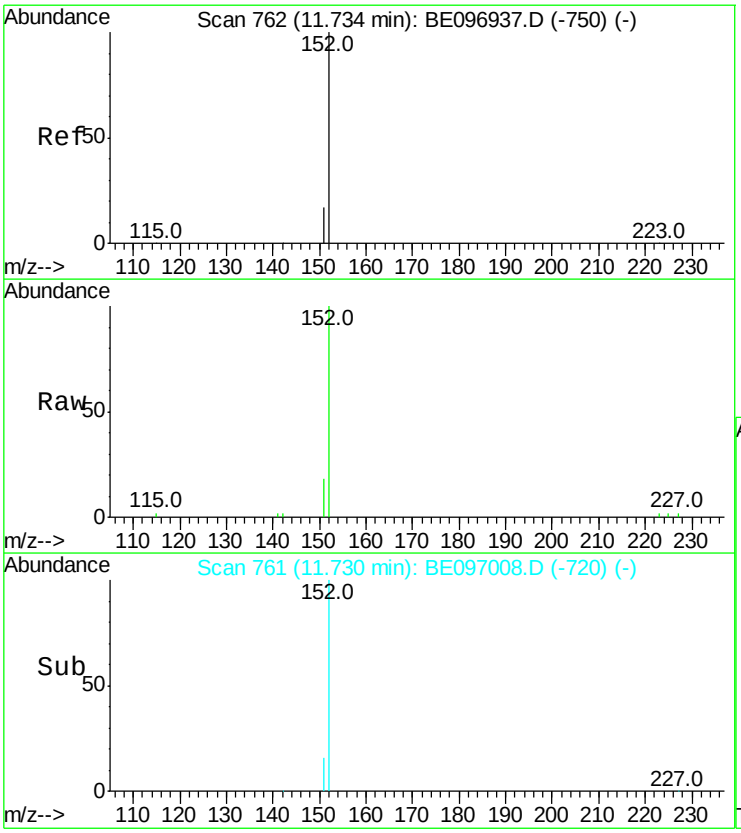
#8
Nitrobenzene-d5
Concen: 0.459 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Instrument :
BNA_E
ClientSampleId :
RE103D2-071218

Tgt Ion: 82 Resp: 2314

Ion	Ratio	Lower	Upper
82	100		
128	36.1	24.0	36.0#
54	50.3	40.0	60.0

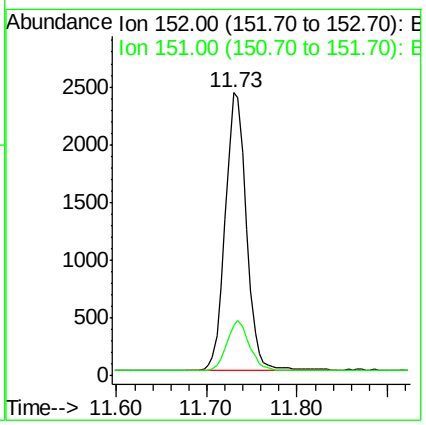


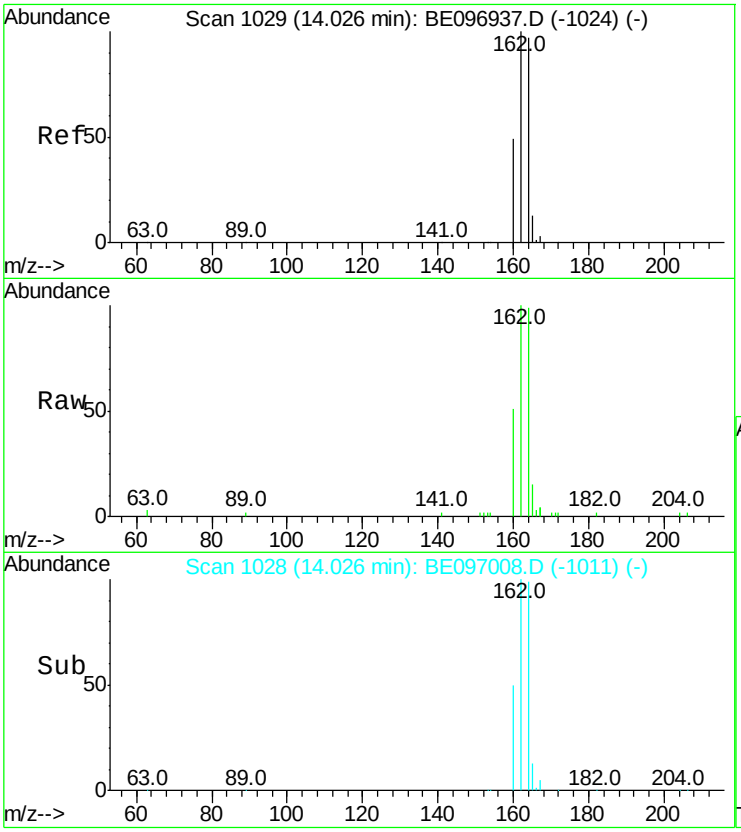


#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Tgt Ion:152 Resp: 3918

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0



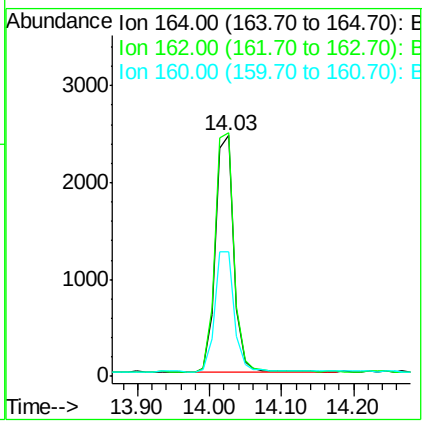


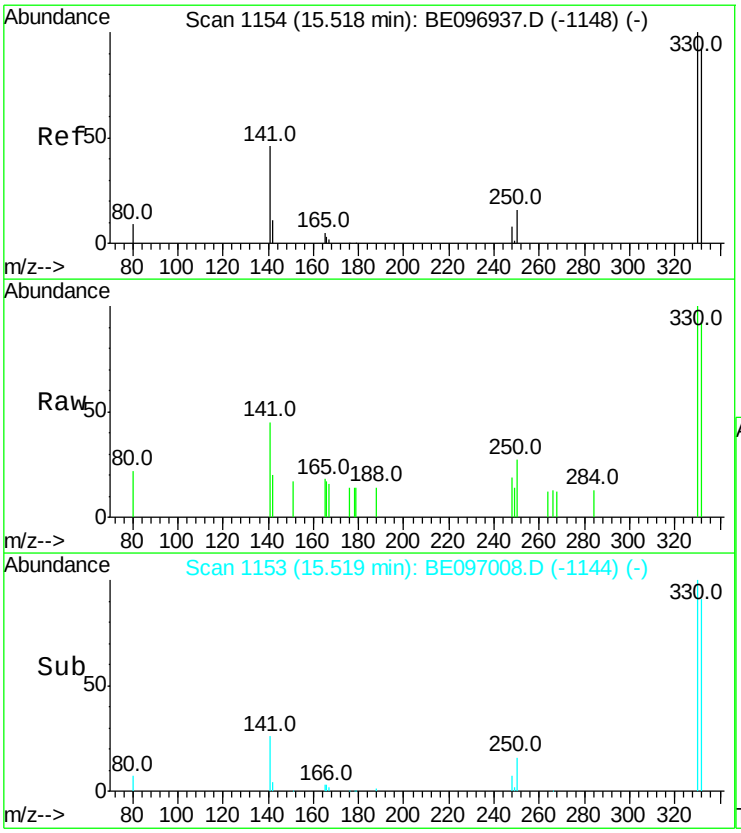
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Instrument :
BNA_E
ClientSampleId :
RE103D2-071218

Tgt Ion:164 Resp: 4285

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.1	124.7
160	51.9	37.1	55.7

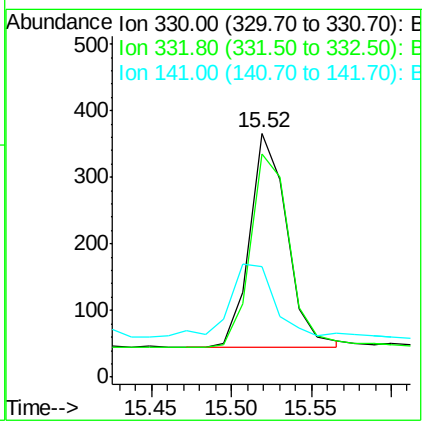


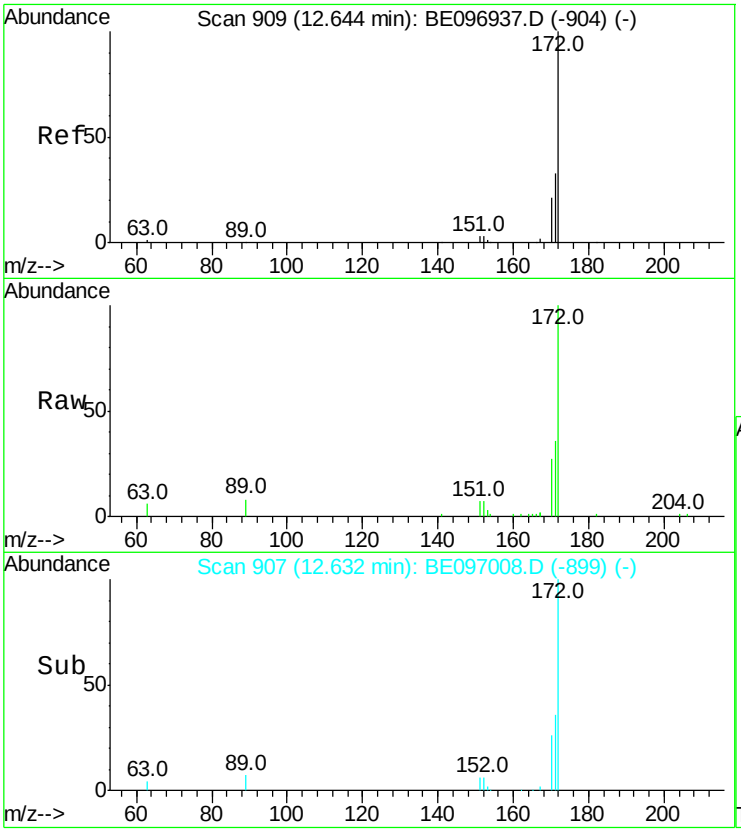


#14
2,4,6-Tribromophenol
Concen: 0.528 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Tgt Ion:330 Resp: 520

Ion	Ratio	Lower	Upper
330	100		
332	94.6	152.7	229.1#
141	39.6	33.7	50.5



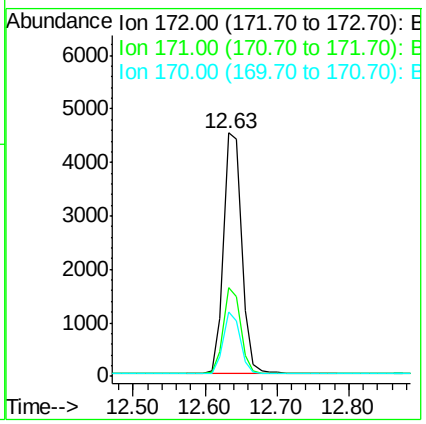


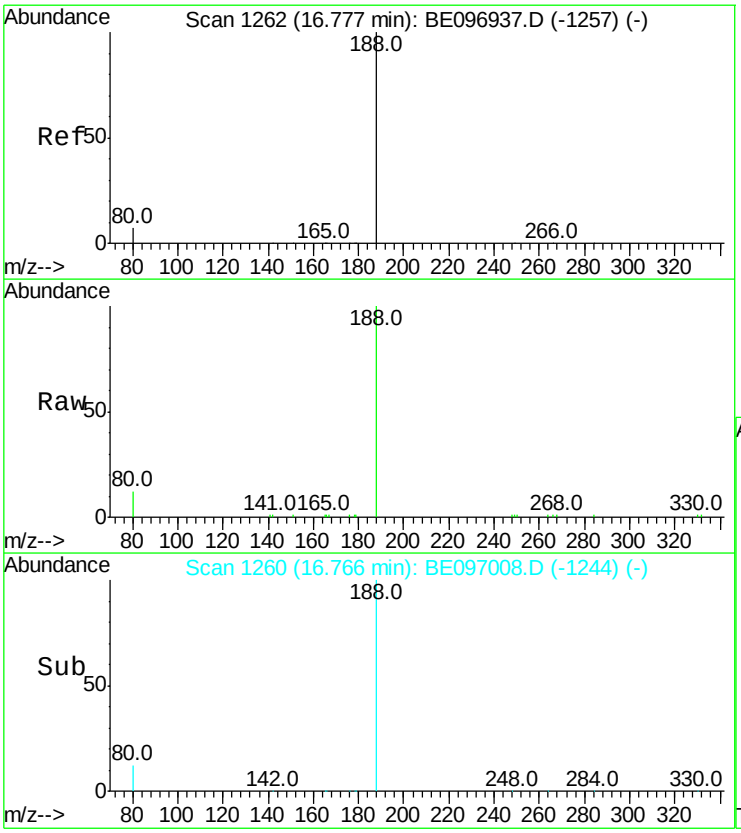
#15
2-Fluorobiphenyl
Concen: 0.502 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Instrument :
BNA_E
ClientSampleId :
RE103D2-071218

Tgt Ion:172 Resp: 8005

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	26.5	21.8	32.8

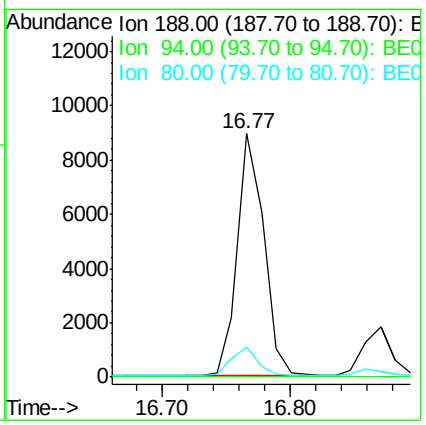


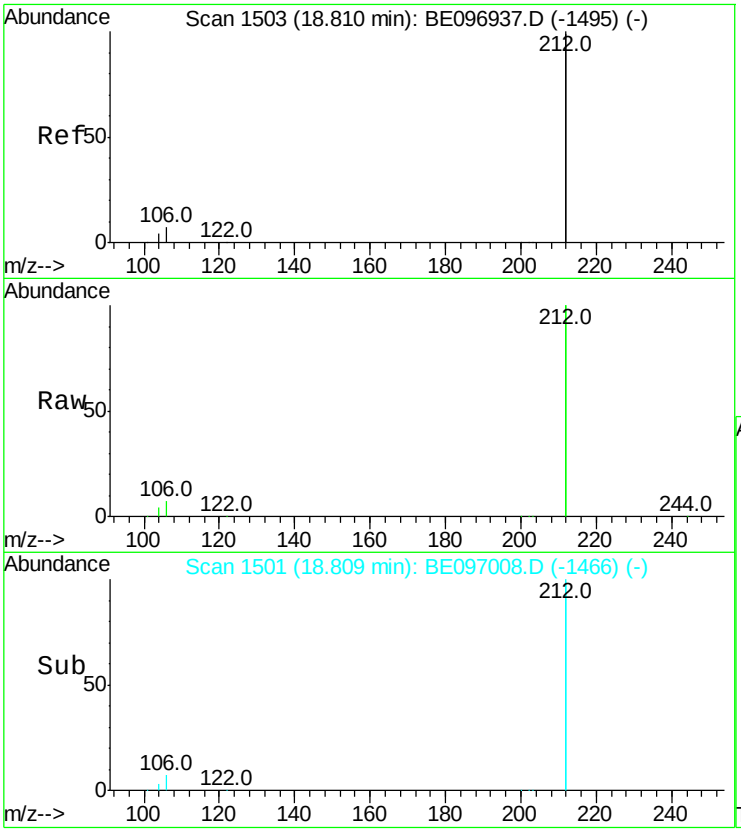


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Tgt Ion:188 Resp: 12903

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



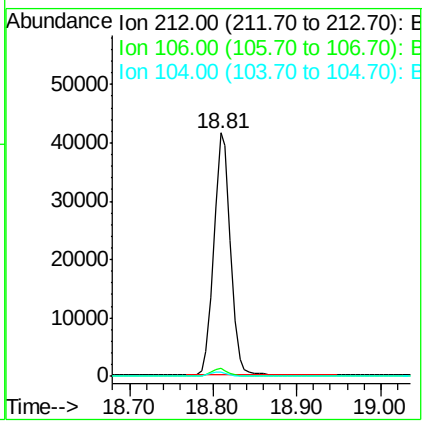


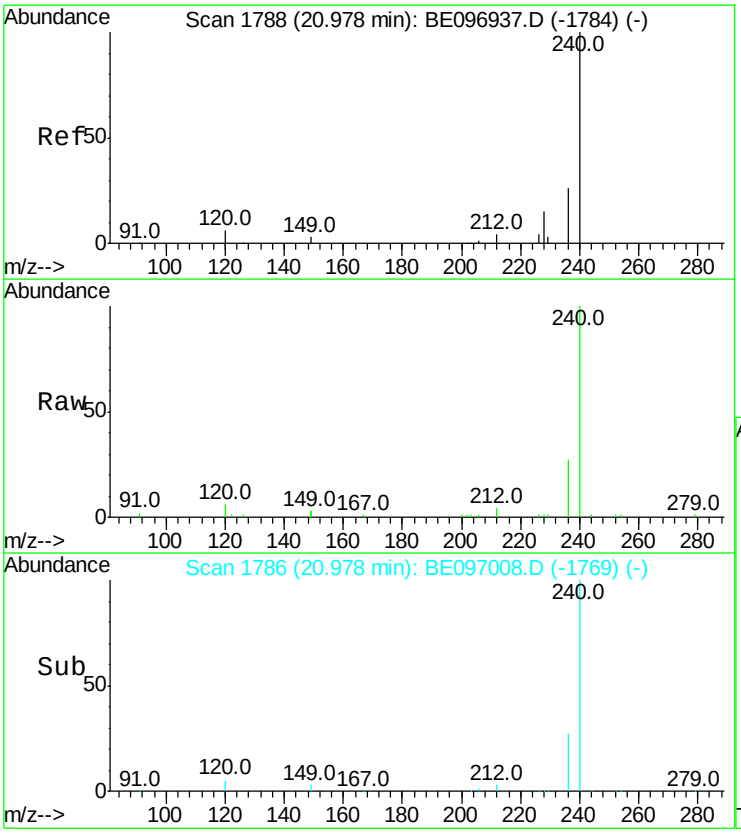
#25
Fluoranthene-d10
Concen: 0.514 ng
RT: 18.81 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Instrument :
BNA_E
ClientSampleId :
RE103D2-071218

Tgt Ion:212 Resp: 57666

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

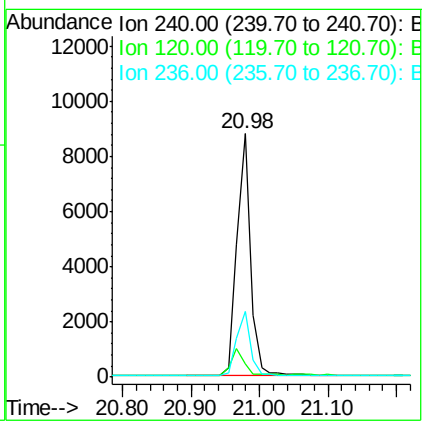


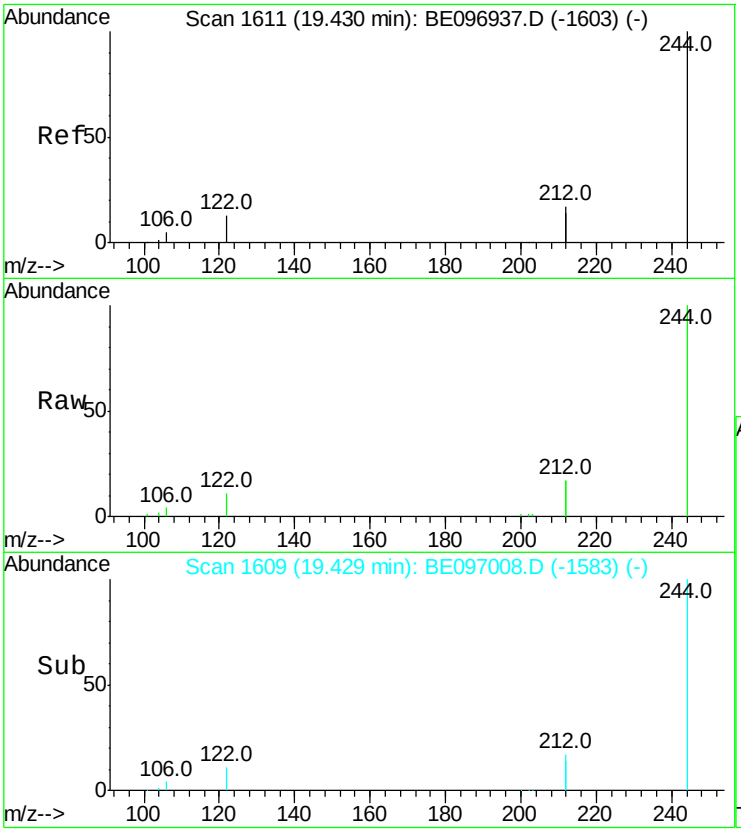


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Tgt Ion:240 Resp: 12167

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.5	8.3
236	27.1	20.7	31.1



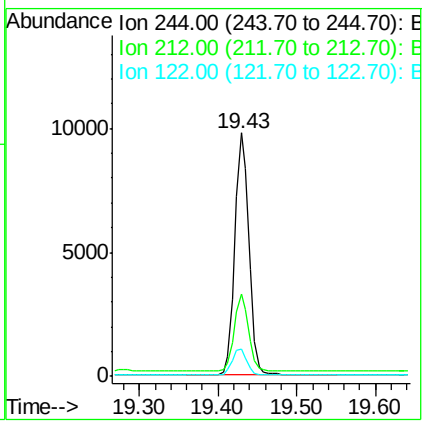


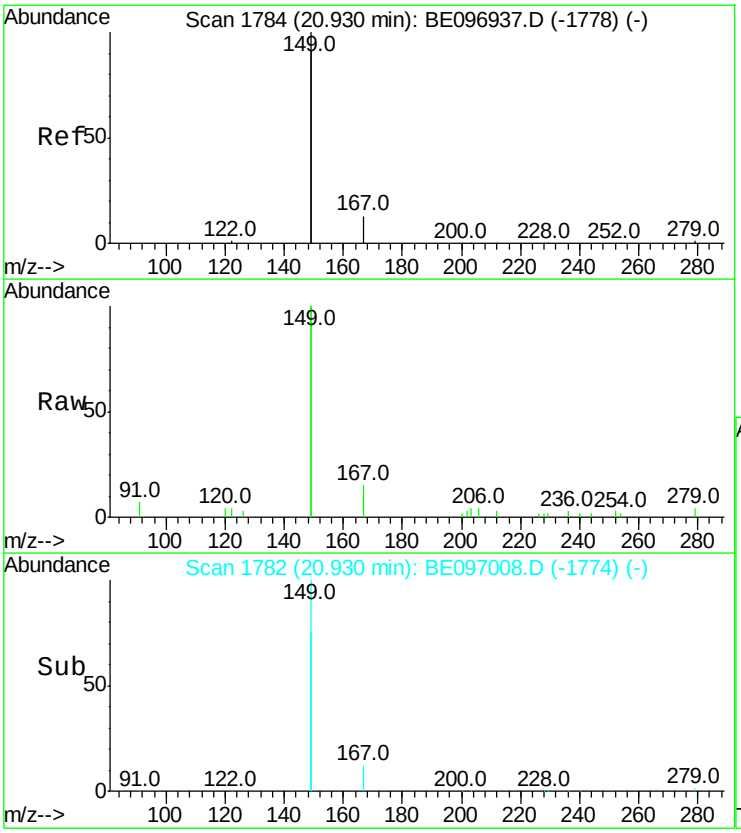
#29
Terphenyl-d14
Concen: 0.527 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Instrument :
BNA_E
ClientSampleId :
RE103D2-071218

Tgt Ion:244 Resp: 12378

Ion	Ratio	Lower	Upper
244	100		
212	33.7	25.4	38.0
122	11.1	8.1	12.1

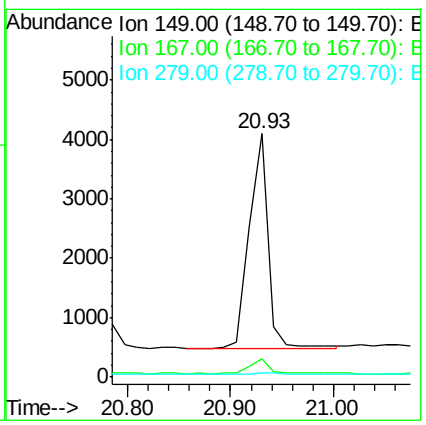


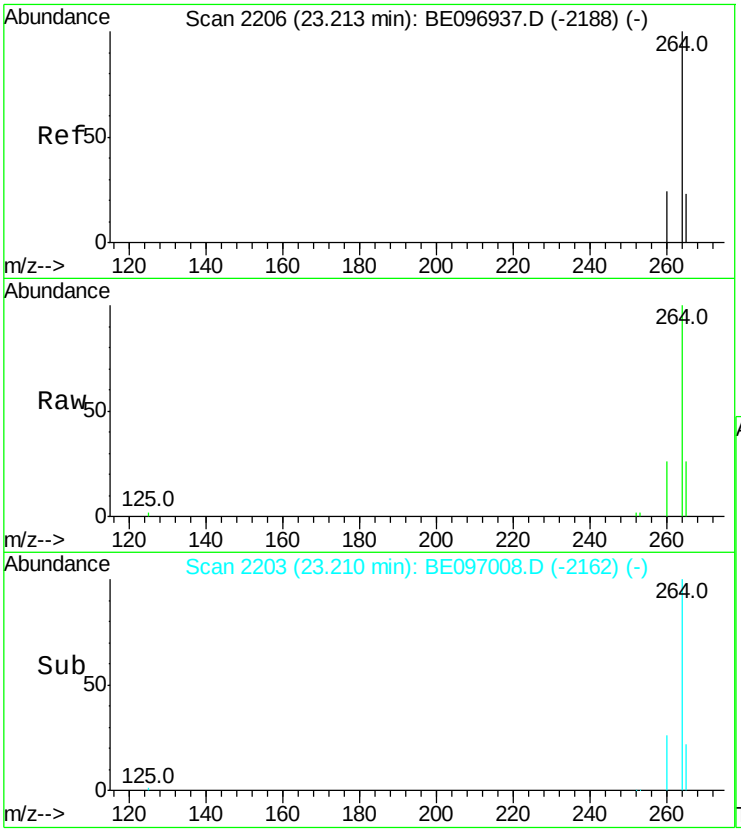


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.162 ng
RT: 20.93 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Tgt Ion:149 Resp: 4682

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.2	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097008.D
Acq: 19 Jul 2018 17:05

Instrument :
BNA_E
ClientSampleId :
RE103D2-071218

Tgt Ion:264 Resp: 11088

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	26.0	22.8	34.2