Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100518\
Data File : BE097778.D
Acq On : 6 Oct 2018 6:20
Operator : SJ/JU
Sample : J5284-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-125D2-2018001

Quant Time: Oct 08 06:38:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 06:37:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	4073	0.40	ng		0.00
7) Naphthalene-d8	10.70	136	16210	0.40	ng		0.01
13) Acenaphthene-d10	14.56	164	9152	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	26699	0.40	ng		0.00
27) Chrysene-d12	21.49	240	33433	0.40	ng		0.00
34) Perylene-d12	24.03	264	31383	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	1733	0.18	ng		0.00
5) Phenol-d6	7.06	99	1417	0.10	ng		0.01
8) Nitrobenzene-d5	9.05	82	4110	0.78	ng		0.01
11) 2-Methylnaphthalene-d10	12.30	152	10197	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.04	330	876	0.53	ng		0.00
15) 2-Fluorobiphenyl	13.19	172	18965	0.47	ng		0.00
25) Fluoranthene-d10	19.33	212	147528	0.44	ng		0.00
29) Terphenyl-d14	19.93	244	30132	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	49429	6.090	ng		97
3) n-Nitrosodimethylamine	3.69	42	236	0.032	ng	#	9
6) bis(2-Chloroethyl)ether	7.32	93	341	0.022	ng	#	78
9) Naphthalene	10.76	128	6244	0.038	ng	#	97
12) 2-Methylnaphthalene	12.38	142	550	0.021	ng	#	89
32) Bis(2-ethylhexyl)phthalate	21.40	149	3699	0.056	ng	#	97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 06:37:06 2018
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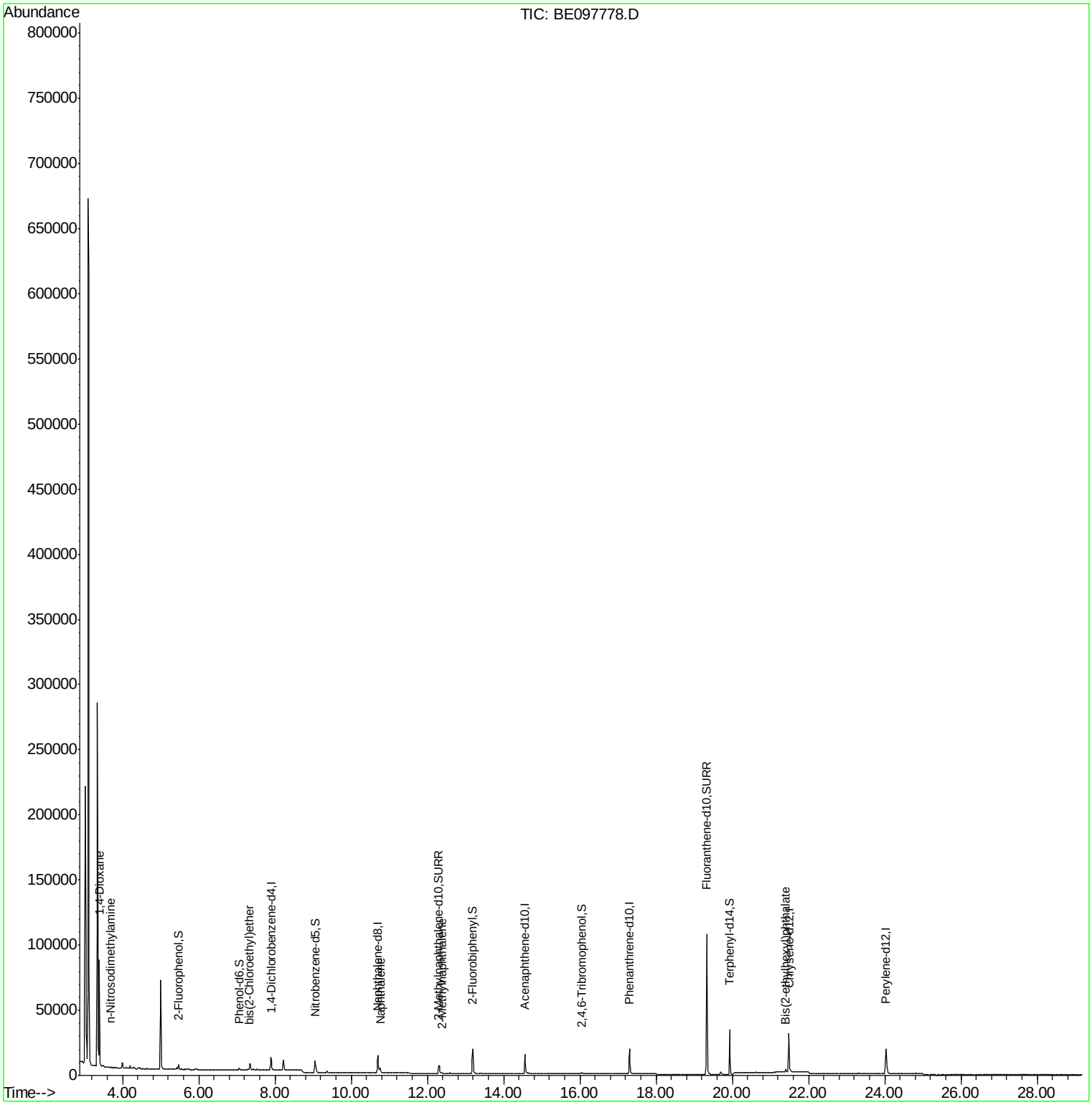
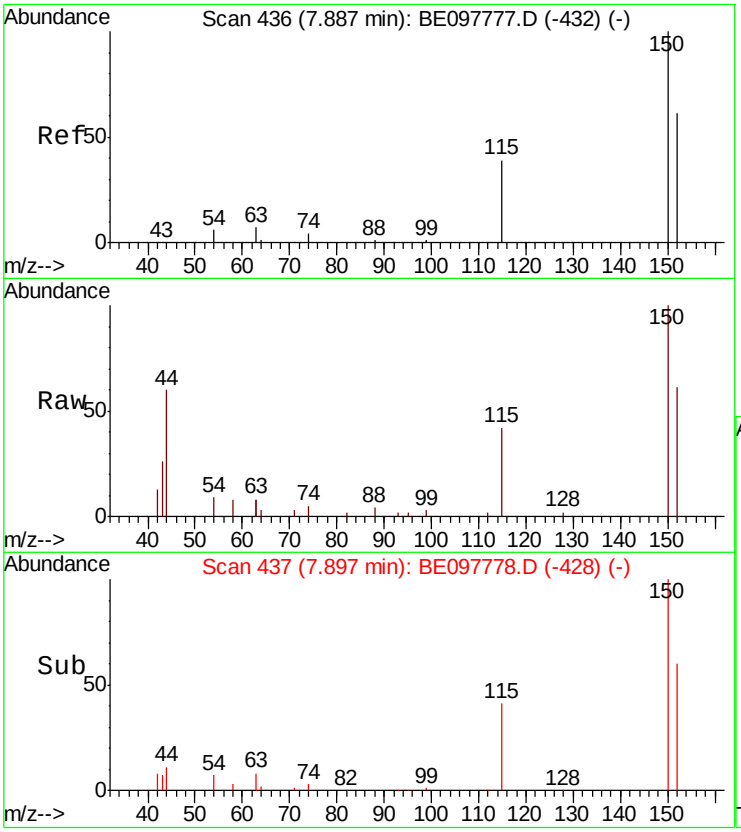


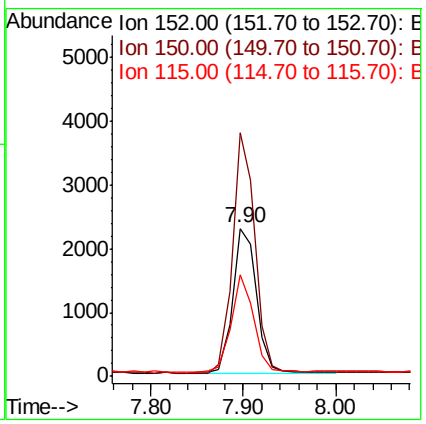


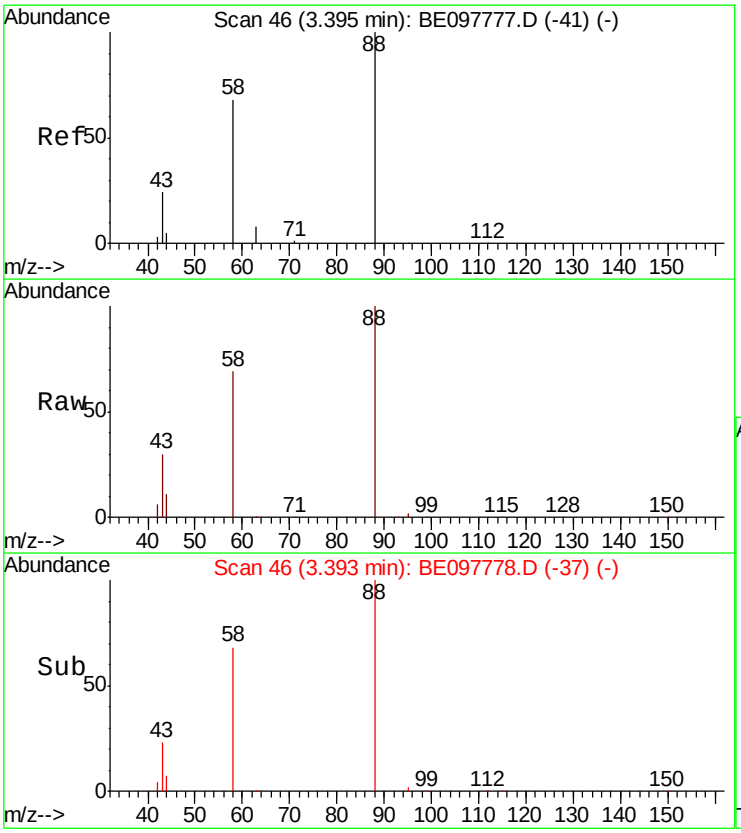
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001

Tgt Ion:152 Resp: 4073

Ion	Ratio	Lower	Upper
152	100		
150	164.5	120.9	181.3
115	68.6	46.6	69.8

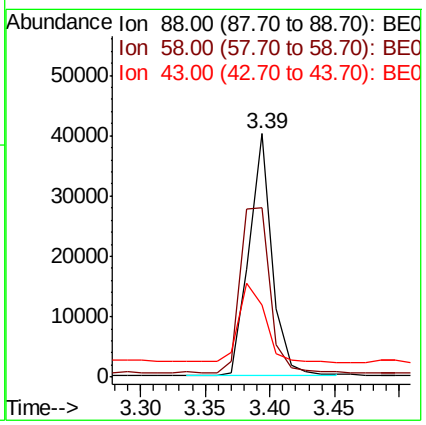


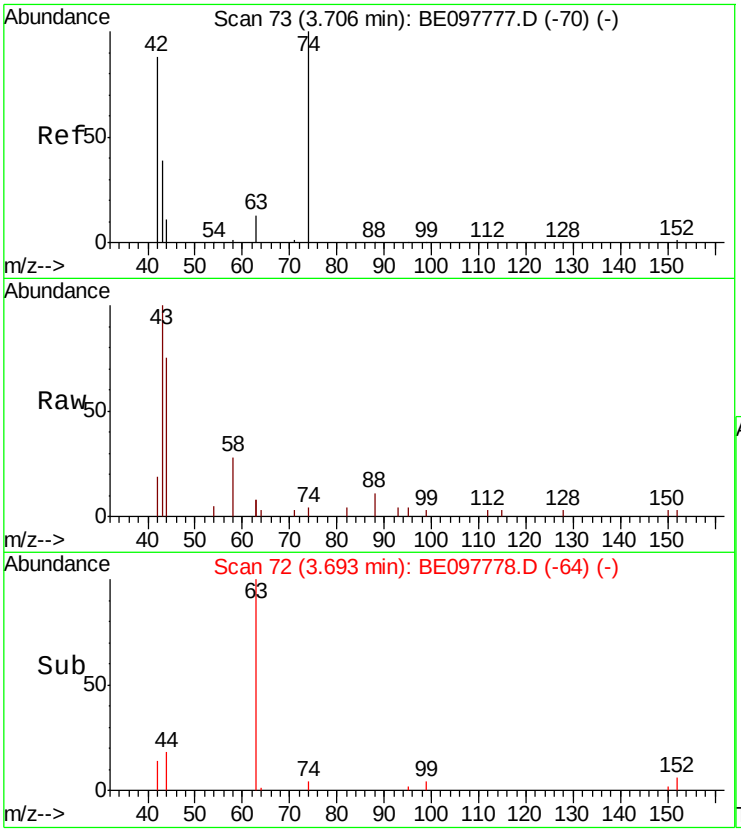


#2
1,4-Dioxane
Concen: 6.090 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Tgt Ion: 88 Resp: 49429

Ion	Ratio	Lower	Upper
88	100		
58	87.2	70.8	106.2
43	37.7	33.3	49.9



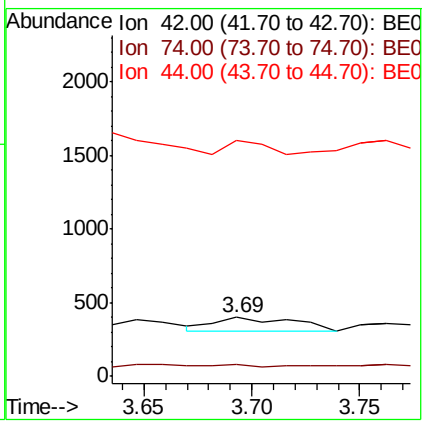


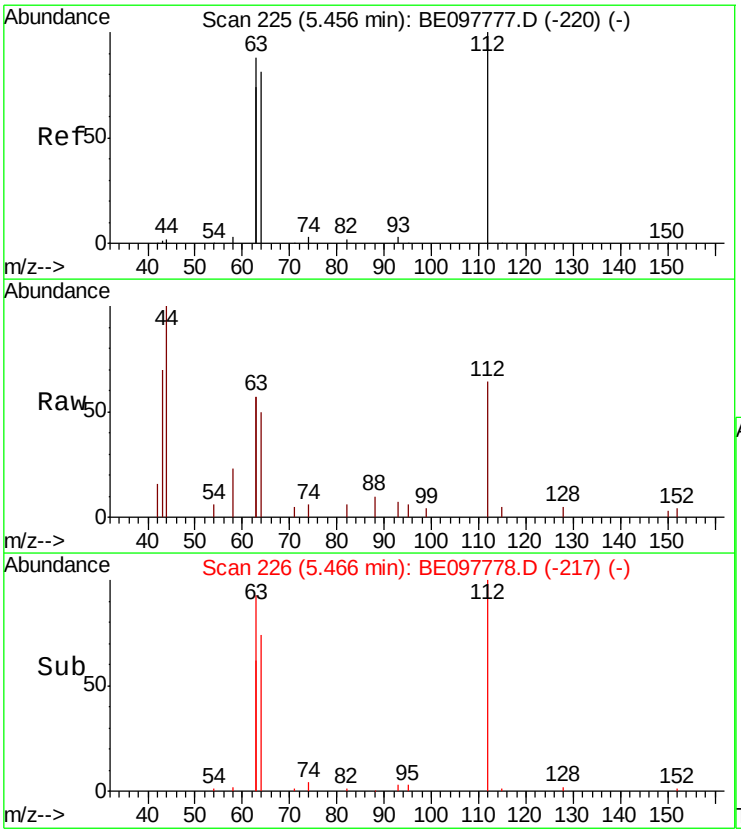
#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001

Tgt Ion: 42 Resp: 236

Ion	Ratio	Lower	Upper
42	100		
74	0.0	70.7	106.1#
44	51.7	15.0	22.4#

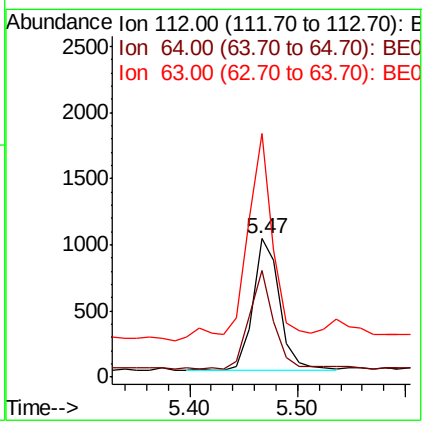


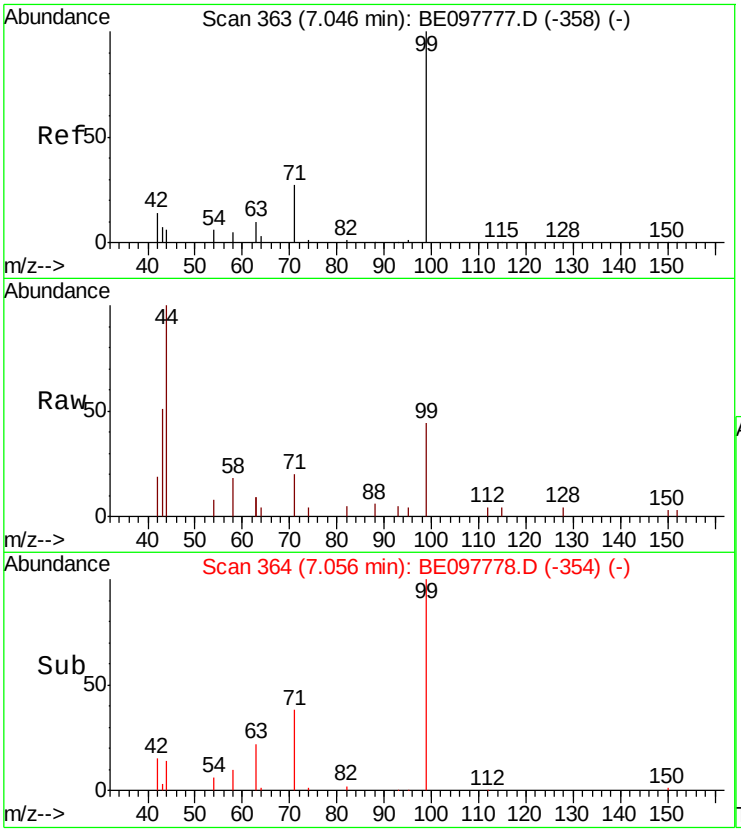


#4
2-Fluorophenol
Concen: 0.180 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Tgt Ion:112 Resp: 1733

Ion	Ratio	Lower	Upper
112	100		
64	67.2	56.6	84.8
63	155.2	119.4	179.0



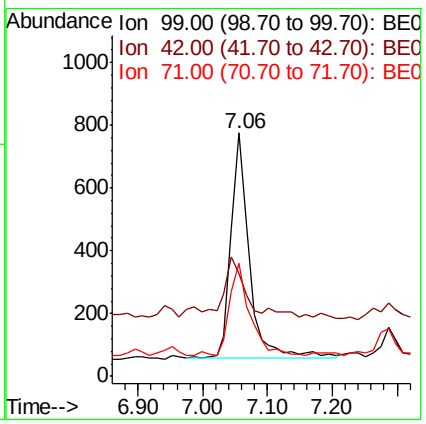


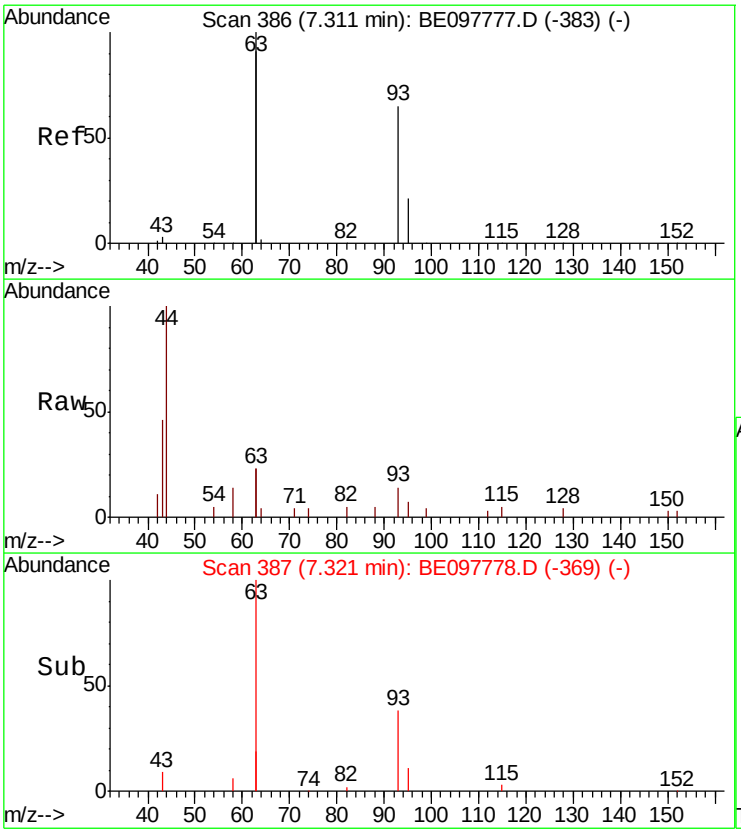
#5
Phenol-d6
Concen: 0.096 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001

Tgt Ion: 99 Resp: 1417

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.9	29.9
71	44.6	25.4	38.2#

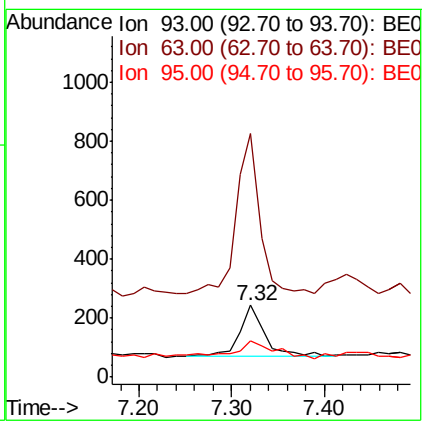


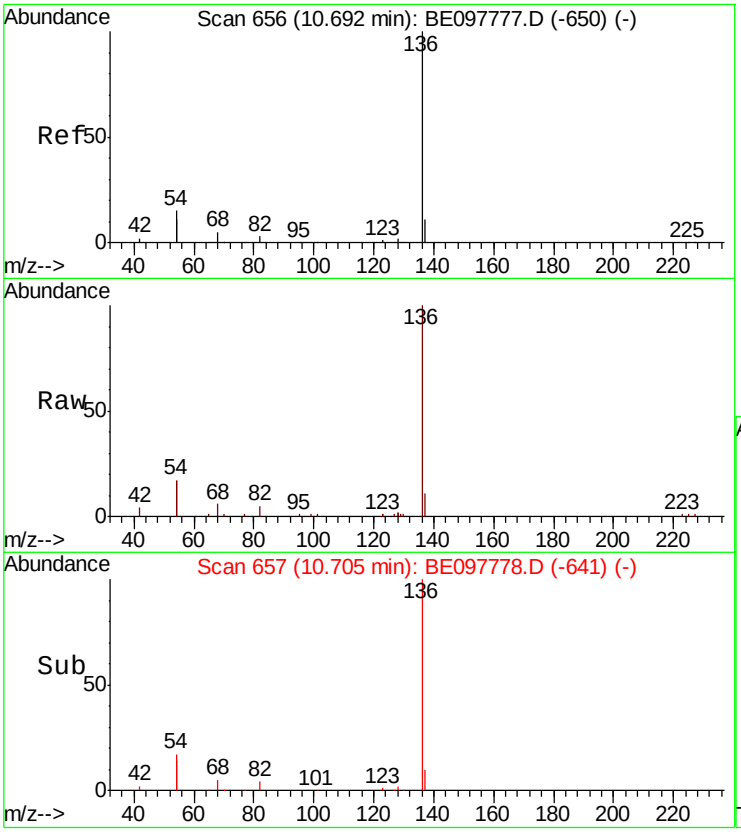


#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.32 min Scan# 387
Delta R.T. 0.01 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Tgt Ion: 93 Resp: 341

Ion	Ratio	Lower	Upper
93	100		
63	284.5	266.9	400.3
95	40.2	26.2	39.2#



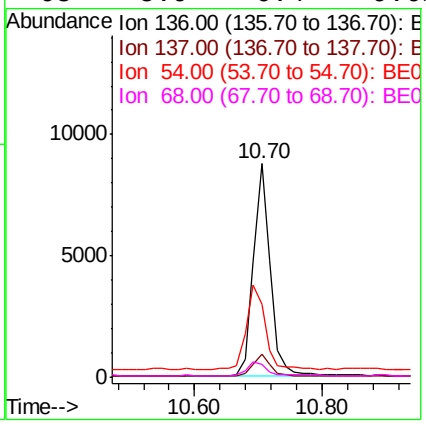


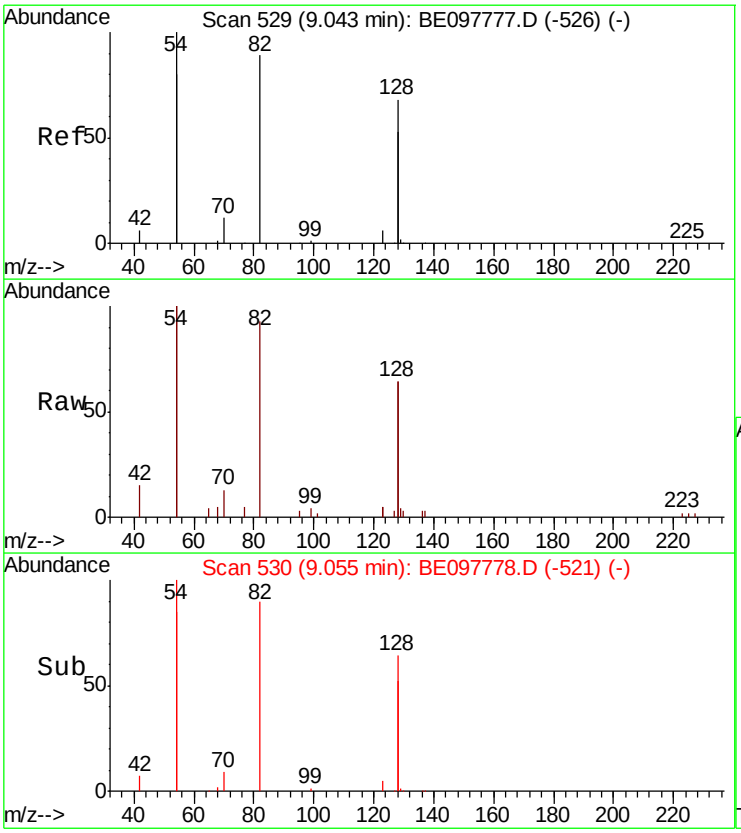
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.70 min Scan# 657
Delta R.T. 0.01 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001

Tgt Ion:136 Resp: 16210

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	34.5	37.8	56.6#
68	5.9	6.4	9.6#

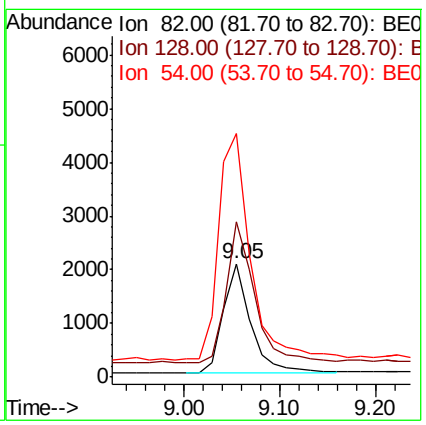


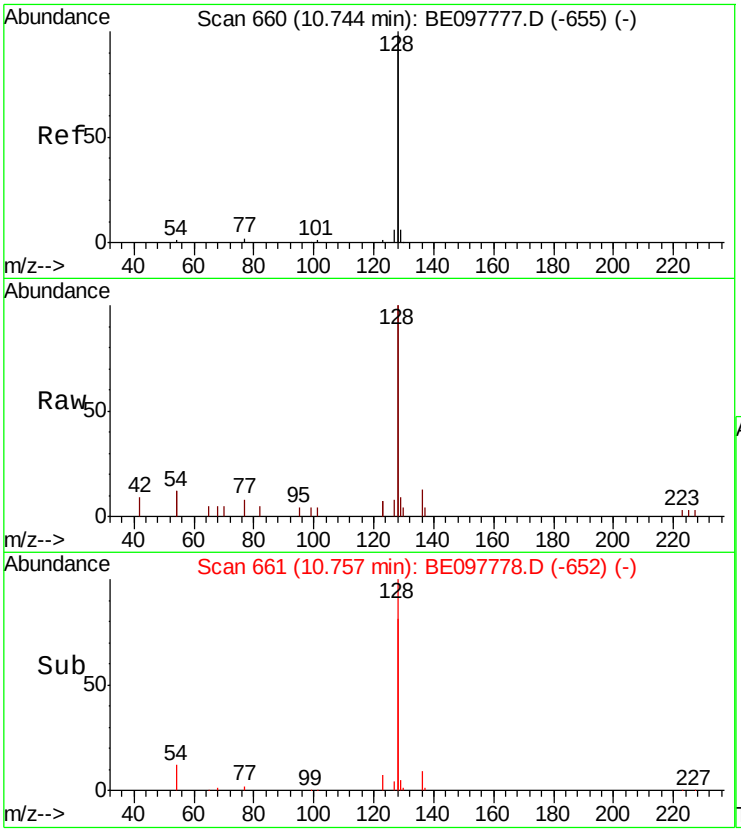


#8
Nitrobenzene-d5
Concen: 0.781 ng
RT: 9.05 min Scan# 530
Delta R.T. 0.01 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Tgt Ion: 82 Resp: 4110

Ion	Ratio	Lower	Upper
82	100		
128	136.8	97.0	145.4
54	215.2	206.9	310.3



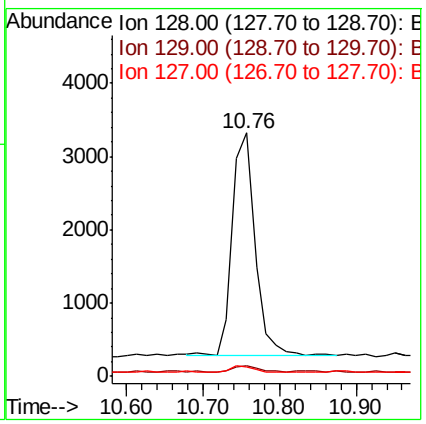


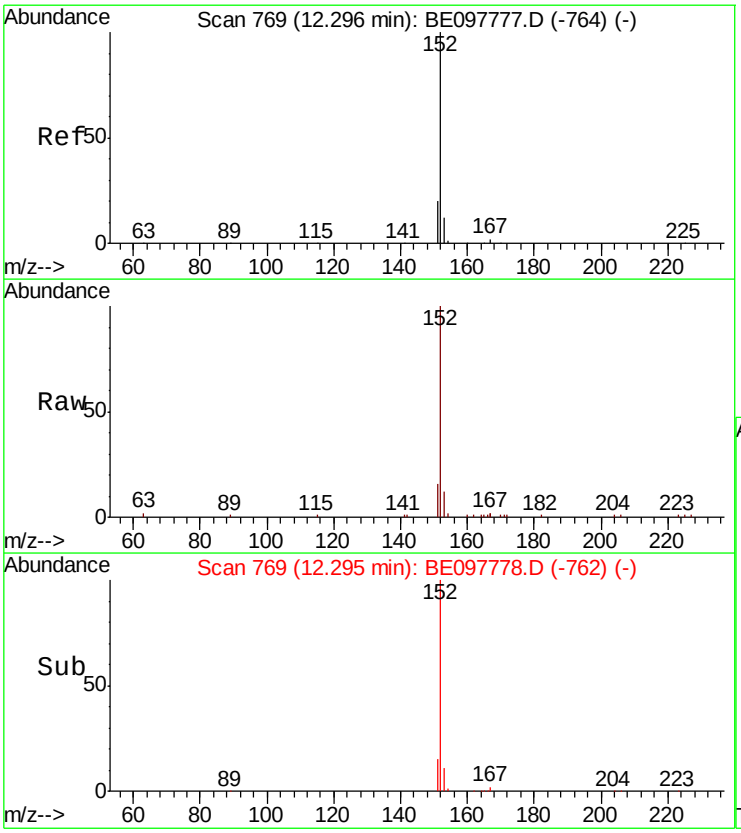
#9
Naphthalene
Concen: 0.038 ng
RT: 10.76 min Scan# 661
Delta R.T. 0.01 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001

Tgt Ion:128 Resp: 6244

Ion	Ratio	Lower	Upper
128	100		
129	4.4	2.2	3.2#
127	3.9	2.7	4.1

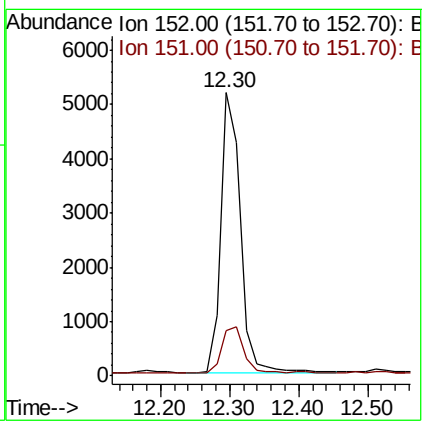


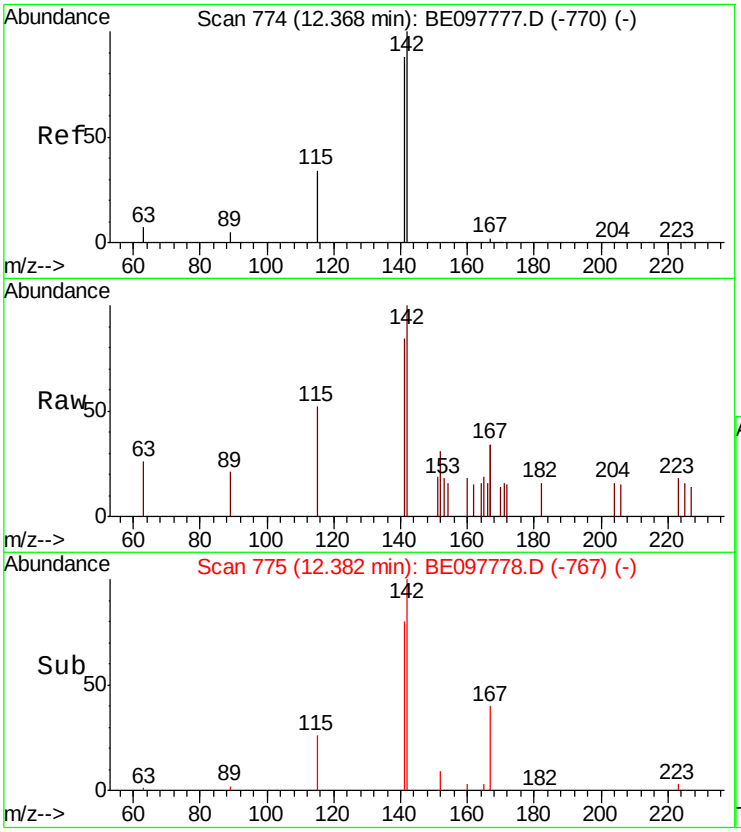


#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Tgt Ion:152 Resp: 10197

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.2



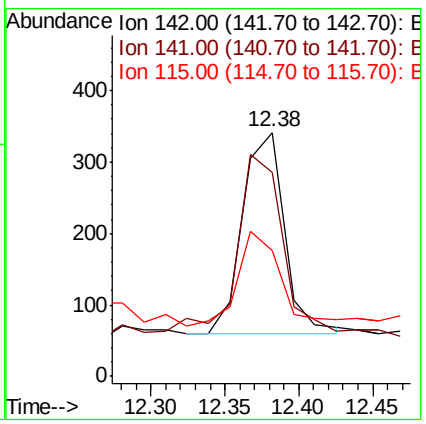


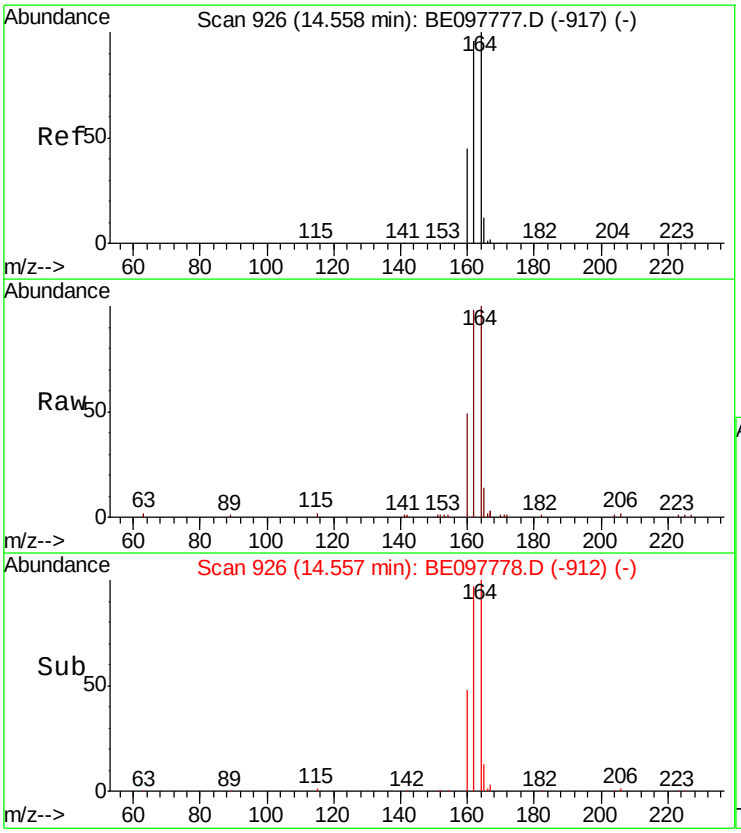
#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.38 min Scan# 775
Delta R.T. 0.01 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001

Tgt Ion:142 Resp: 550

Ion	Ratio	Lower	Upper
142	100		
141	83.6	69.4	104.2
115	51.9	28.0	42.0#

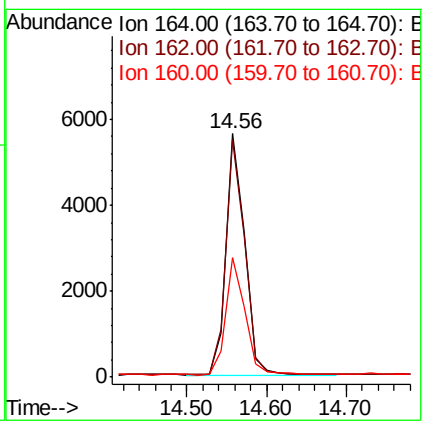


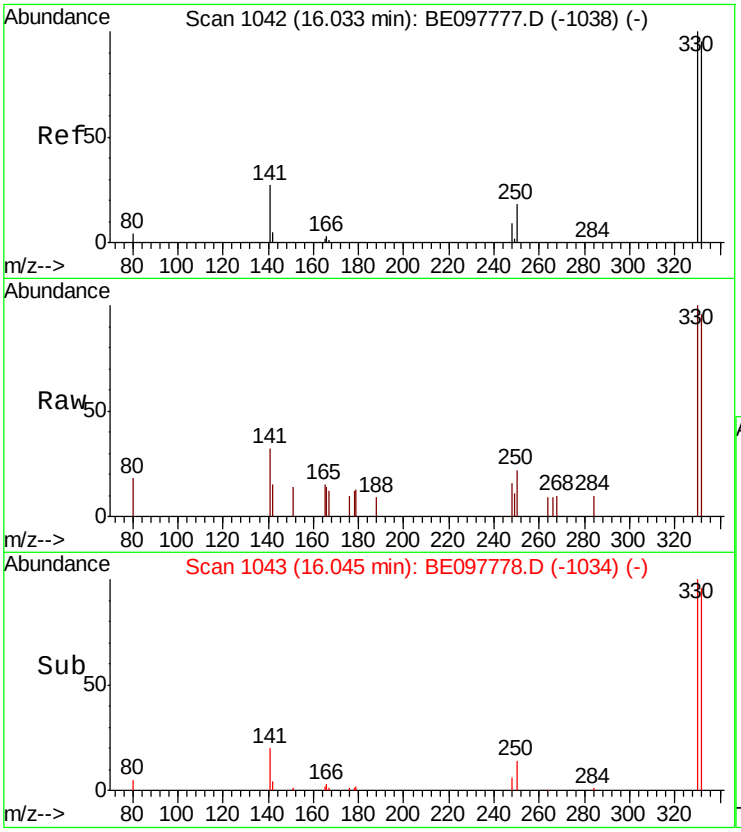


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Tgt Ion:164 Resp: 9152

Ion	Ratio	Lower	Upper
164	100		
162	97.5	78.6	117.8
160	48.8	37.8	56.6



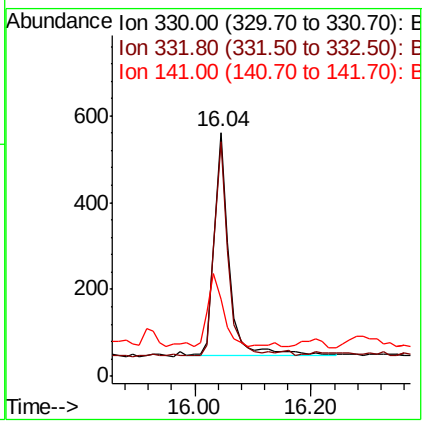


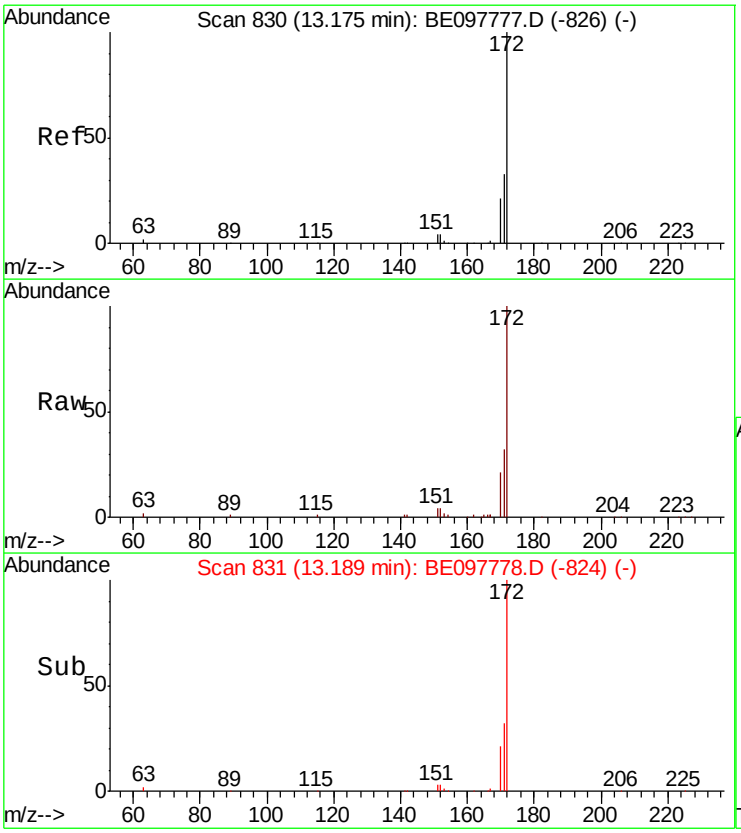
#14
2,4,6-Tribromophenol
Concen: 0.528 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001

Tgt Ion:330 Resp: 876

Ion	Ratio	Lower	Upper
330	100		
332	92.0	83.5	125.3
141	34.5	34.9	52.3#

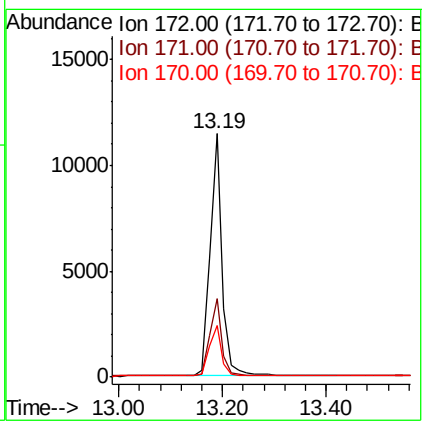


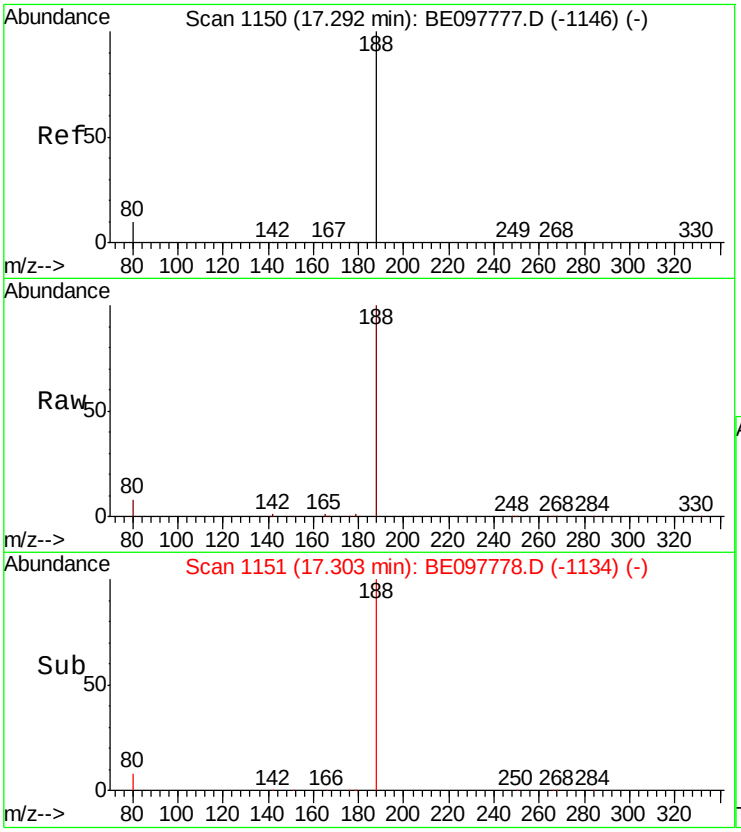


#15
2-Fluorobiphenyl
Concen: 0.471 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Tgt Ion:172 Resp: 18965

Ion	Ratio	Lower	Upper
172	100		
171	32.1	25.2	37.8
170	21.1	16.2	24.2



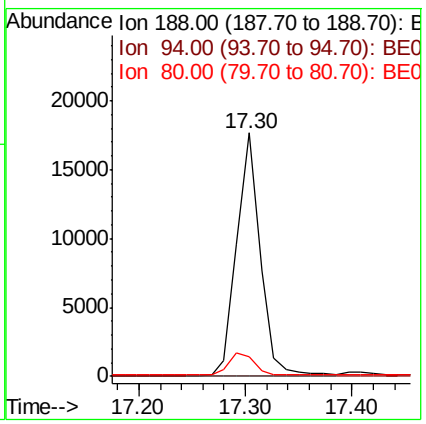


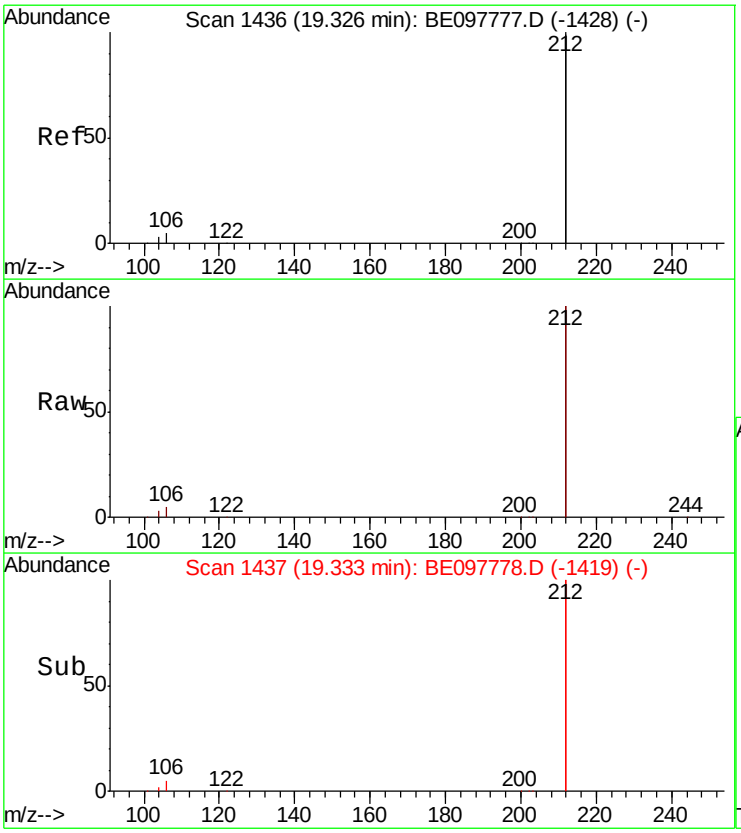
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001

Tgt Ion:188 Resp: 26699

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.6	9.8

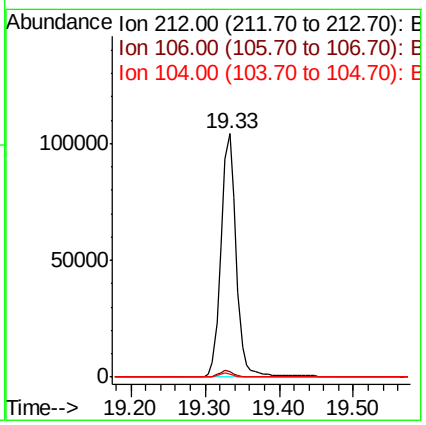


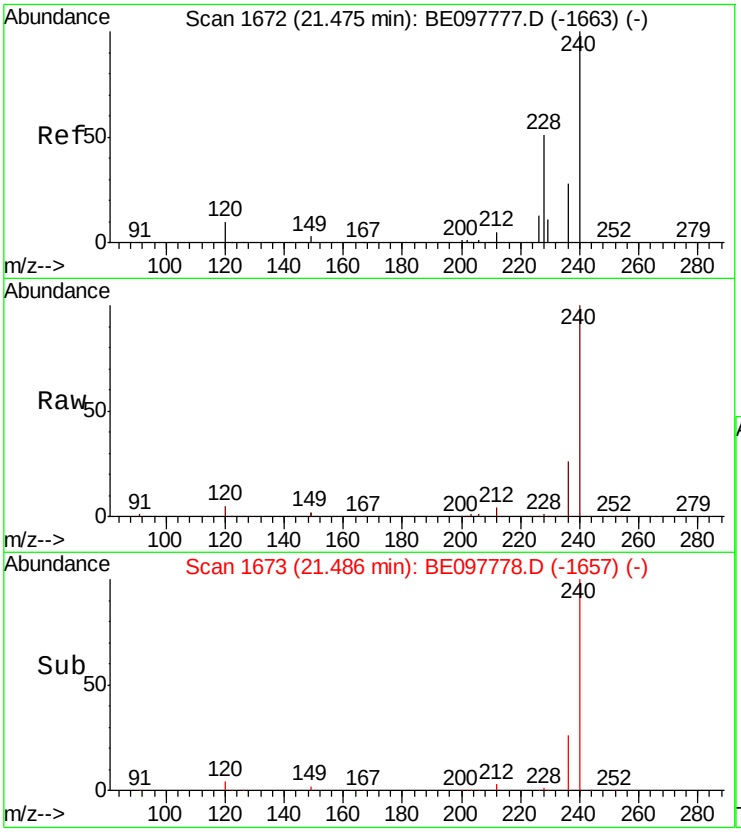


#25
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.33 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Tgt Ion:212 Resp: 147528

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.5	1.2	1.8



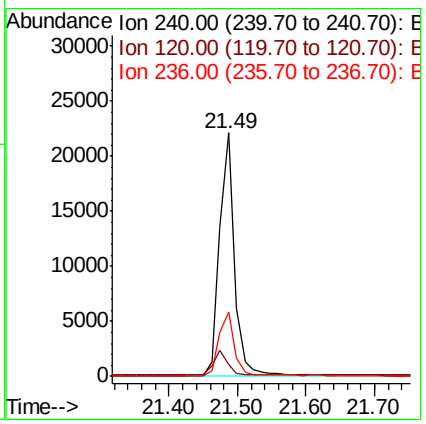


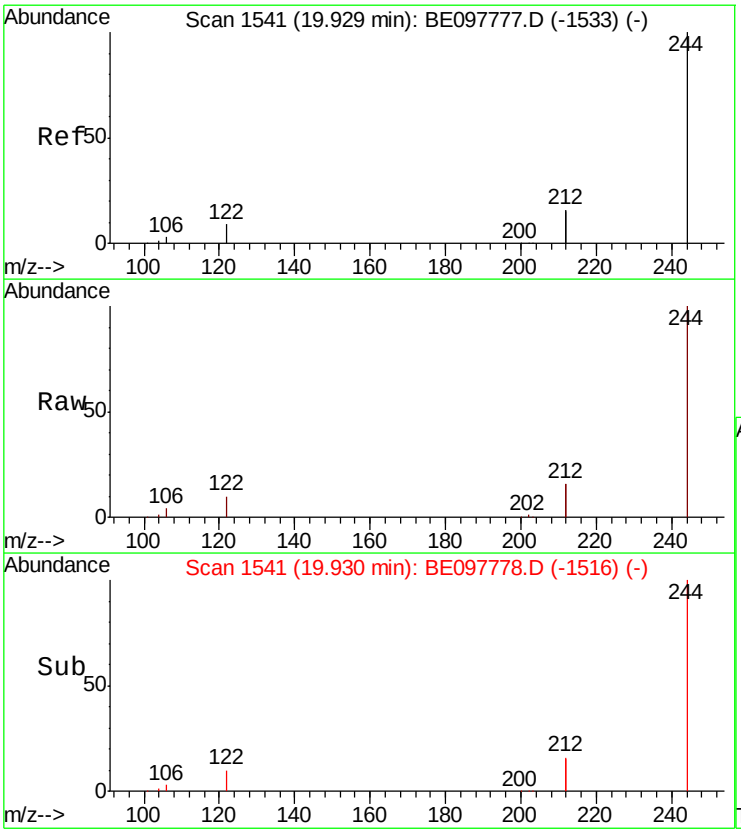
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001

Tgt Ion:240 Resp: 33433

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.7	7.1
236	26.3	20.8	31.2

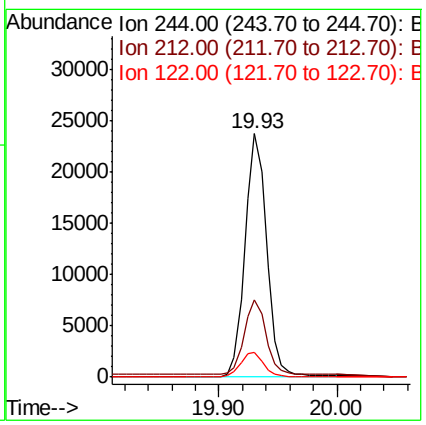


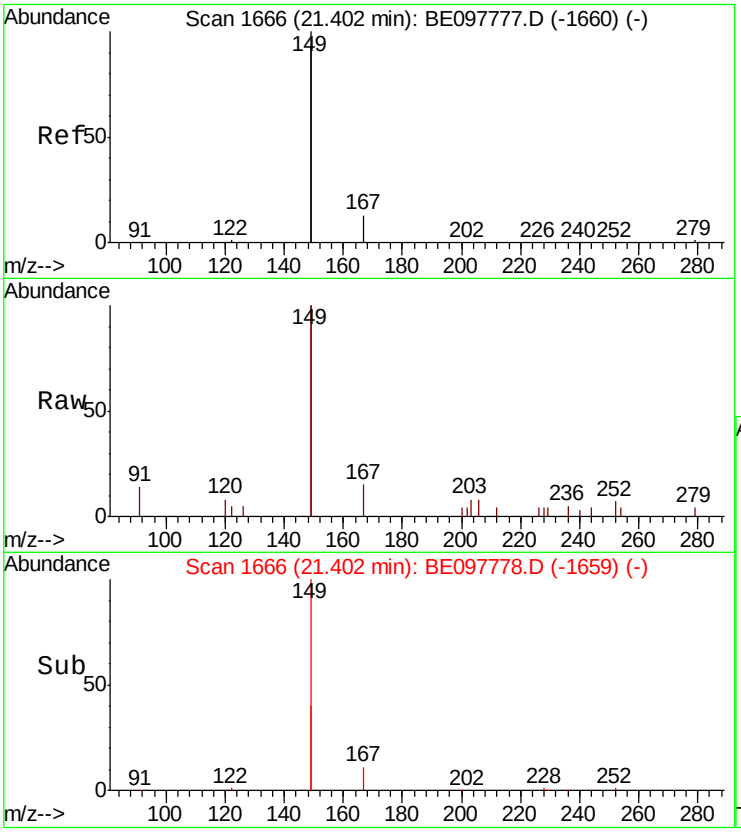


#29
Terphenyl-d14
Concen: 0.441 ng
RT: 19.93 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Tgt Ion:244 Resp: 30132

Ion	Ratio	Lower	Upper
244	100		
212	31.6	25.8	38.8
122	10.0	8.7	13.1



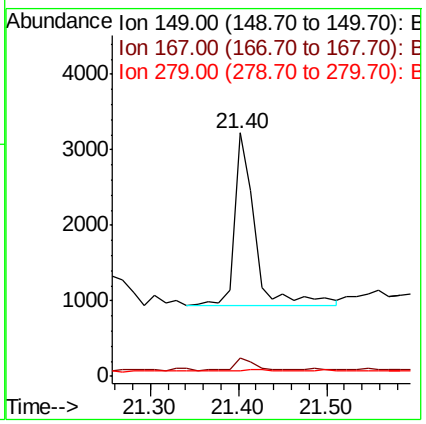


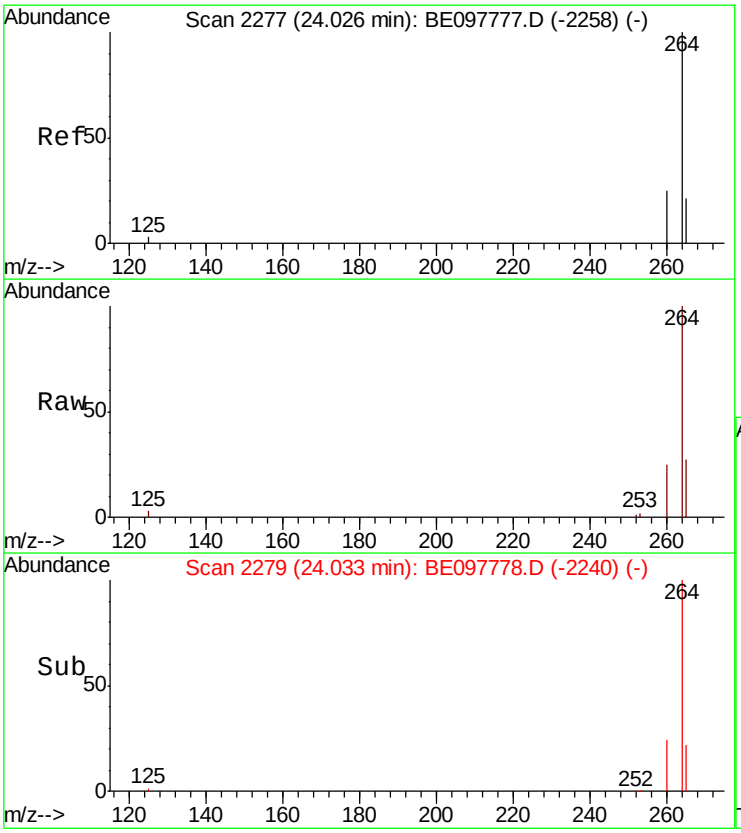
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.056 ng
RT: 21.40 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001

Tgt Ion:149 Resp: 3699

Ion	Ratio	Lower	Upper
149	100		
167	5.7	5.5	8.3
279	1.3	0.9	1.3#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE097778.D
Acq: 6 Oct 2018 6:20

Tgt Ion:264 Resp: 31383

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.1	28.7
265	26.8	21.9	32.9