Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
Data File : BE097054.D
Acq On : 24 Jul 2018 2:35
Operator : SJ/JU
Sample : J4073-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE109D1-071618

Quant Time: Jul 24 05:29:14 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	1426	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6935	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	1935	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	10792	0.40	ng		0.00
27) Chrysene-d12	20.98	240	6190	0.40	ng		0.00
34) Perylene-d12	23.21	264	831	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	633	0.19	ng		0.00
5) Phenol-d6	6.60	99	1003	0.19	ng		0.00
8) Nitrobenzene-d5	8.53	82	2126	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3324	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	587	1.12	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	5815	0.81	ng		0.00
25) Fluoranthene-d10	18.81	212	20654	0.22	ng		0.00
29) Terphenyl-d14	19.42	244	9667	0.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	12392	6.071	ng	#	86
3) n-Nitrosodimethylamine	3.37	42	122	0.053	ng	#	1
32) Bis(2-ethylhexyl)phthalate	20.92	149	30349	2.063	ng		99
35) Benzo(b)fluoranthene	22.54	252	51	0.024	ng	#	1
36) Benzo(k)fluoranthene	22.60	252	114	0.045	ng	#	1
37) Benzo(a)pyrene	23.12	252	17	0.108	ng	#	1
38) Dibenzo(a,h)anthracene	25.52	278	13	0.124	ng	#	1

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

Quantitation Report (Not Reviewed)

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RE109D1-071618

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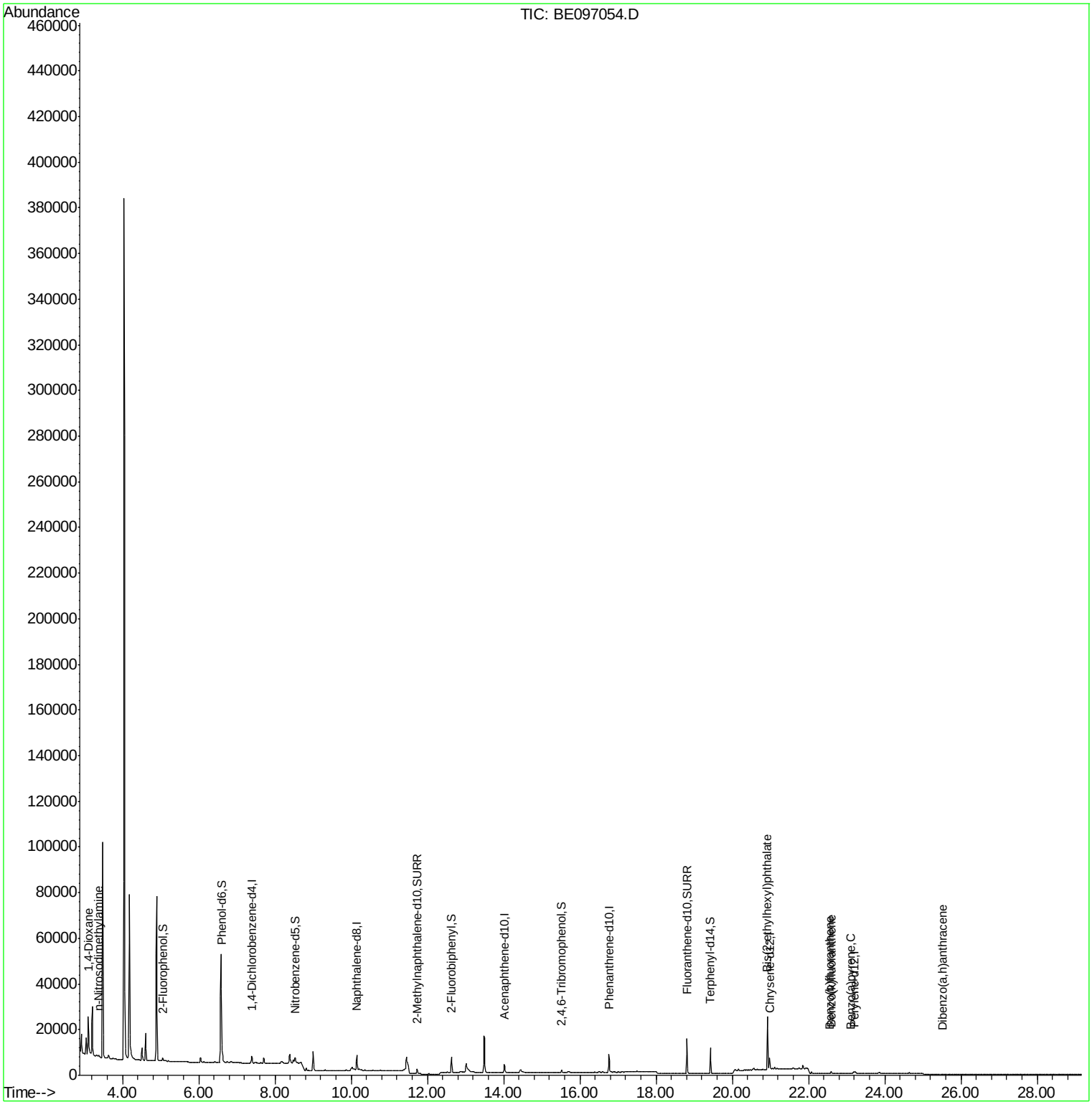
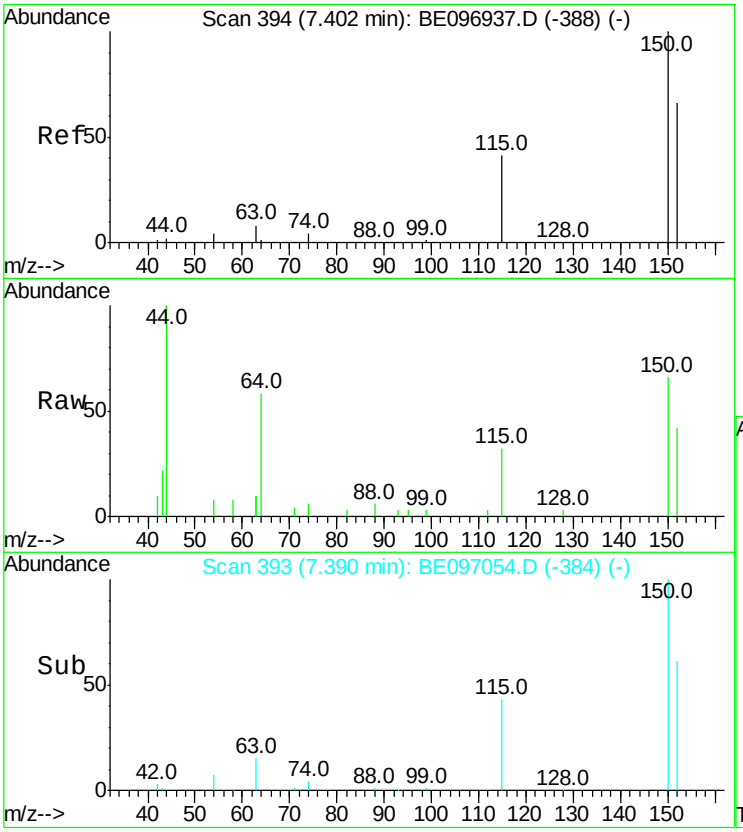
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration



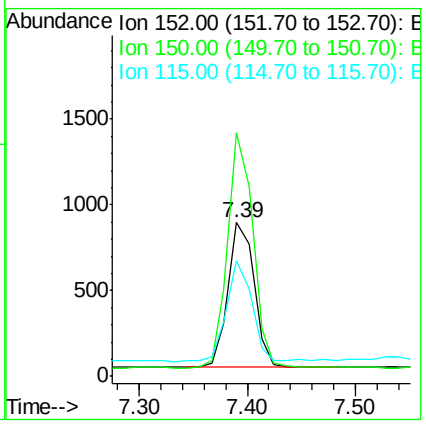


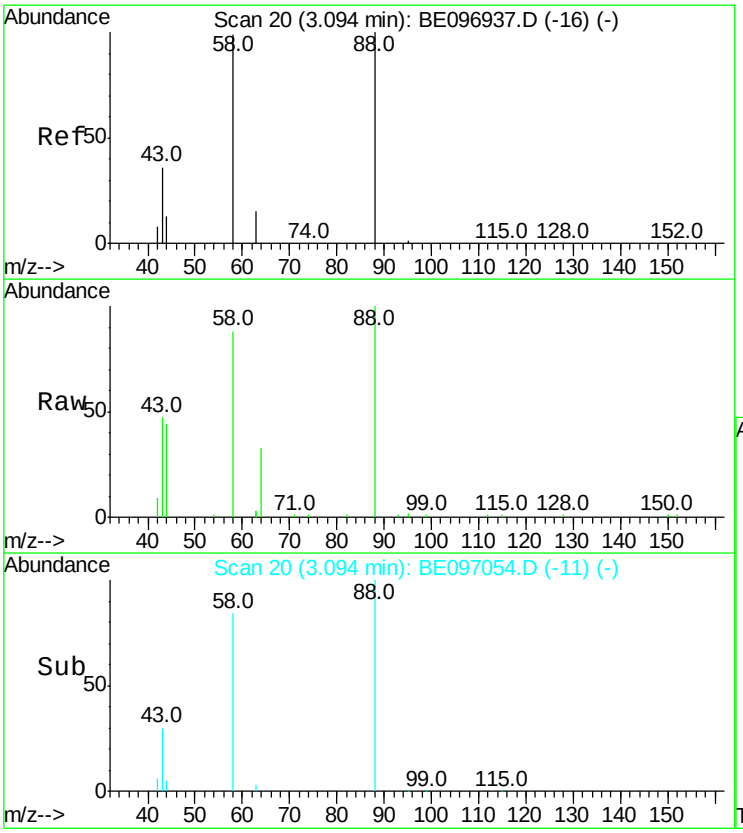
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Instrument :
BNA_E
ClientSampleId :
RE109D1-071618

Tgt Ion:152 Resp: 1426

Ion	Ratio	Lower	Upper
152	100		
150	158.2	117.2	175.8
115	75.5	57.0	85.6

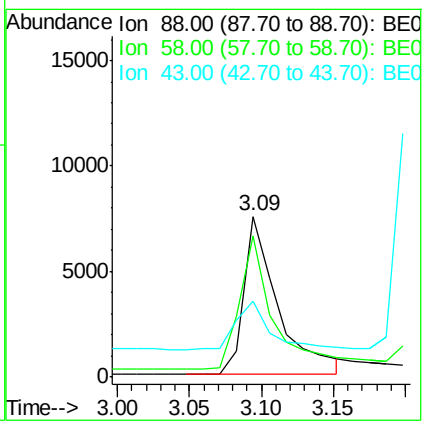


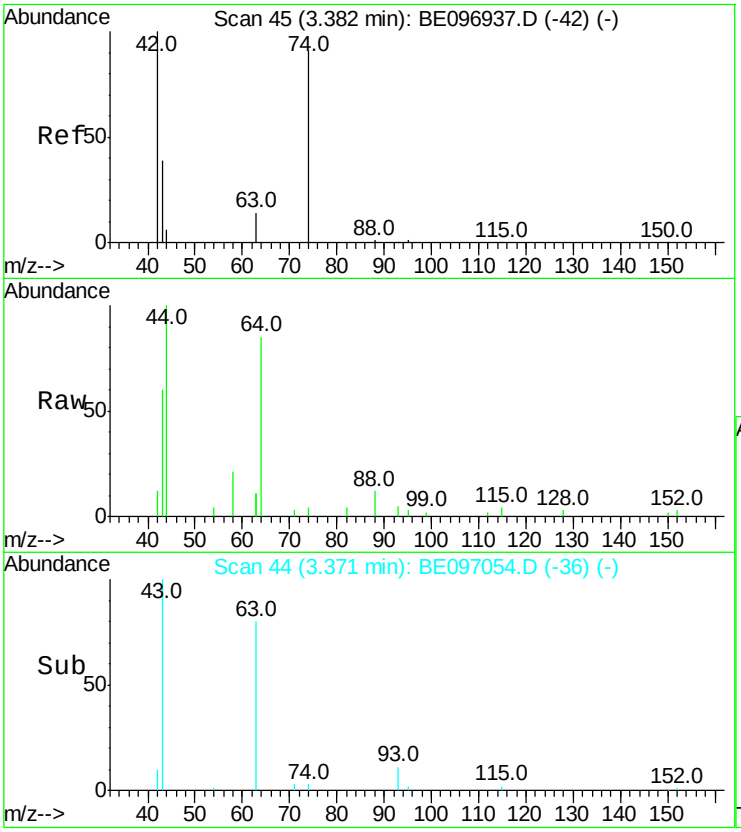


#2
1,4-Dioxane
Concen: 6.071 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Tgt Ion: 88 Resp: 12392

Ion	Ratio	Lower	Upper
88	100		
58	83.3	63.2	94.8
43	31.5	41.2	61.8#



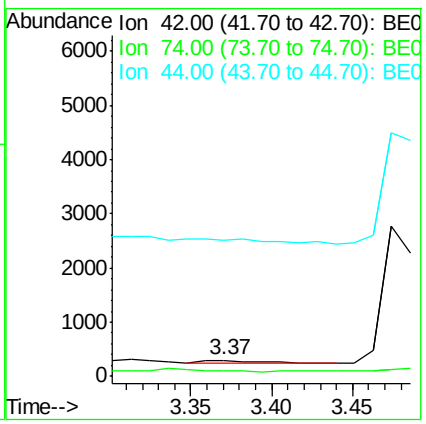


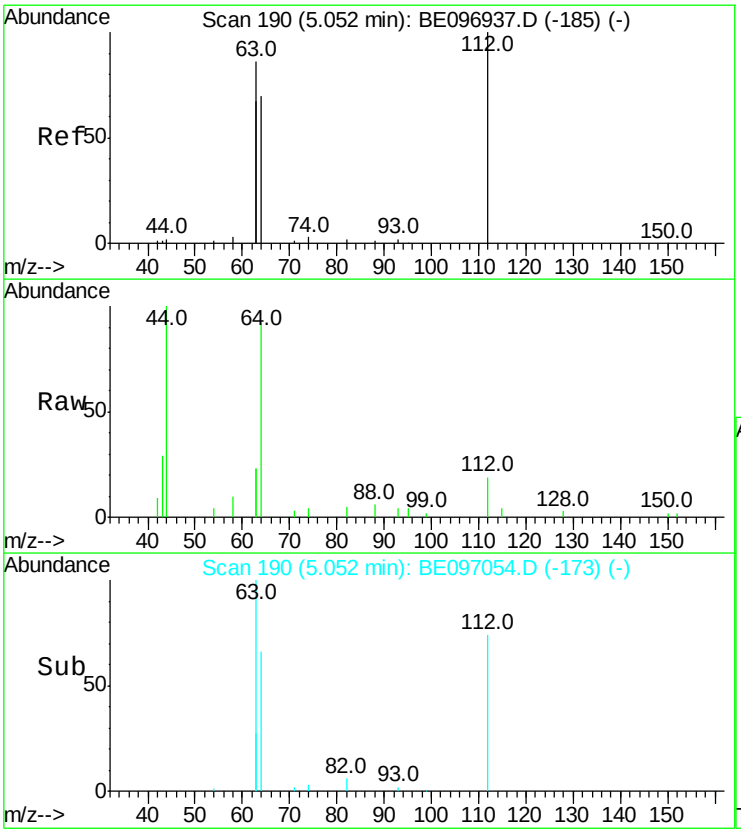
#3
n-Nitrosodimethylamine
Concen: 0.053 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Instrument :
BNA_E
ClientSampleId :
RE109D1-071618

Tgt Ion: 42 Resp: 122

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#

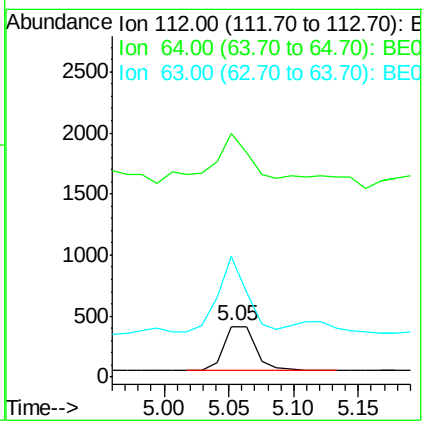


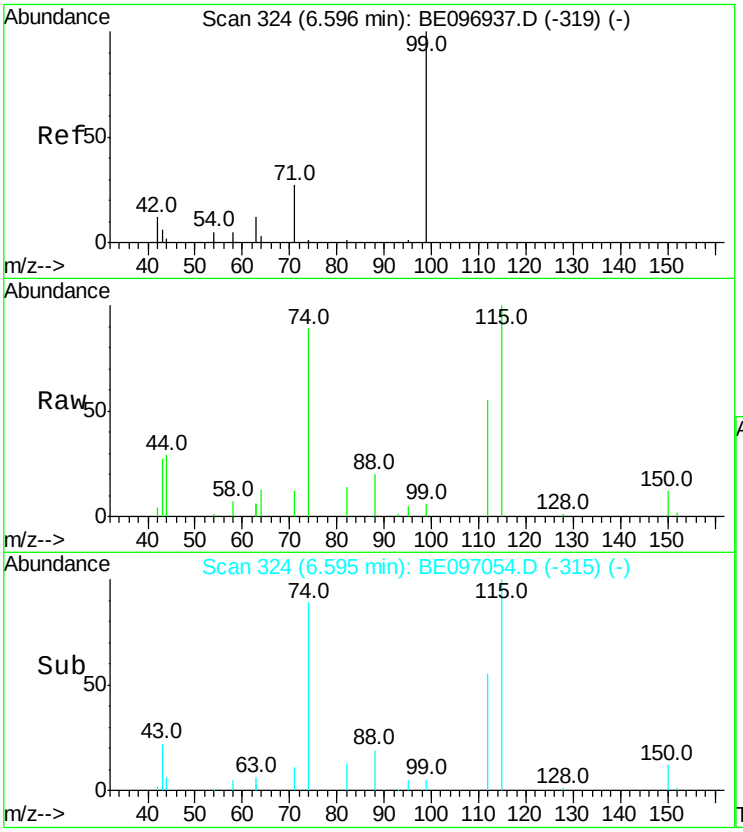


#4
2-Fluorophenol
Concen: 0.186 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Tgt Ion:112 Resp: 633

Ion	Ratio	Lower	Upper
112	100		
64	143.6	60.1	90.1#
63	159.9	116.8	175.2



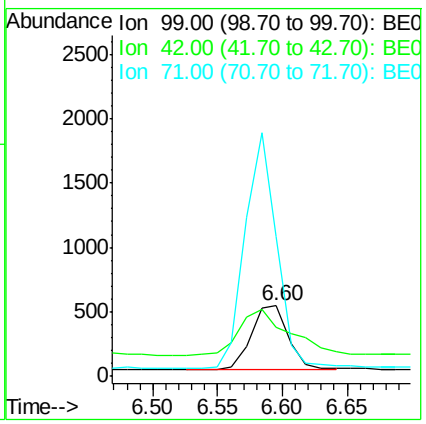


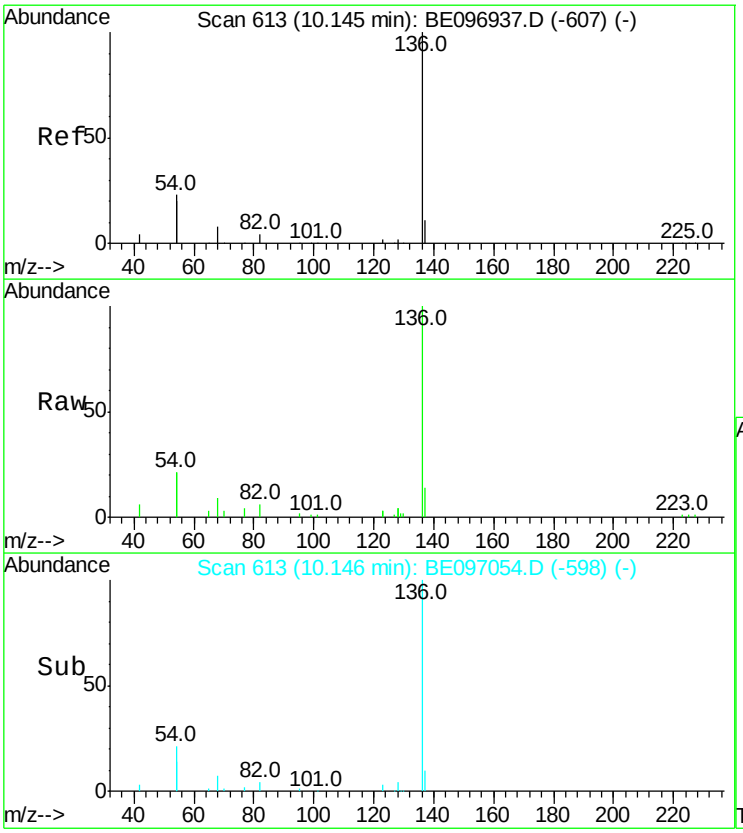
#5
Phenol-d6
Concen: 0.193 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Instrument :
BNA_E
ClientSampleId :
RE109D1-071618

Tgt Ion: 99 Resp: 1003

Ion	Ratio	Lower	Upper
99	100		
42	96.8	20.2	30.2#
71	312.2	28.4	42.6#

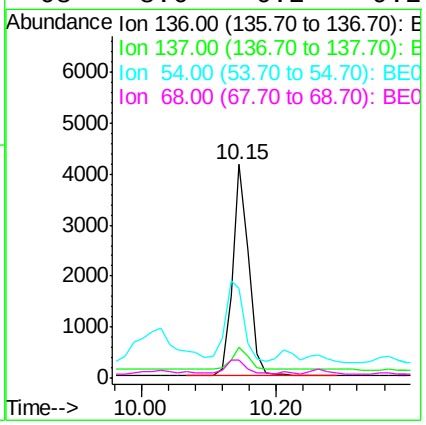


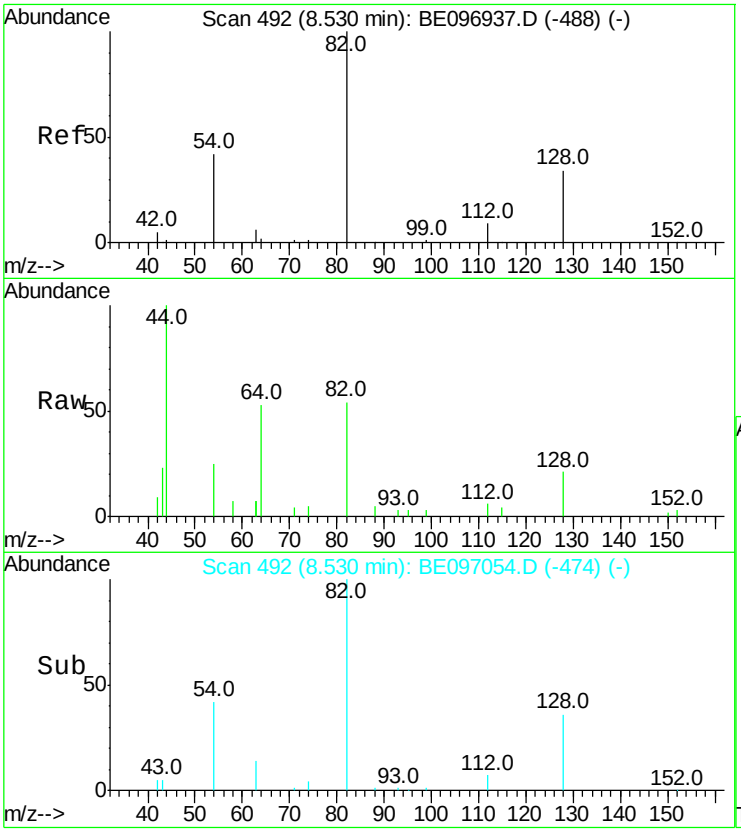


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Tgt Ion:136 Resp: 6935

Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.5	14.3
54	41.8	29.1	43.7
68	8.6	6.2	9.2



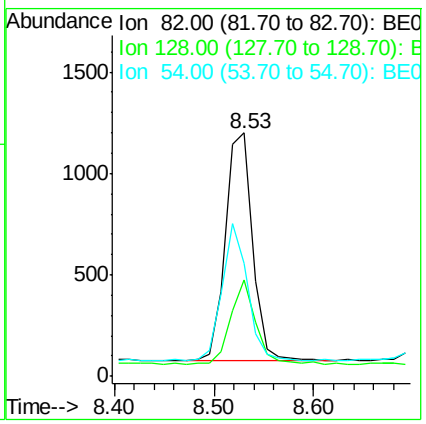


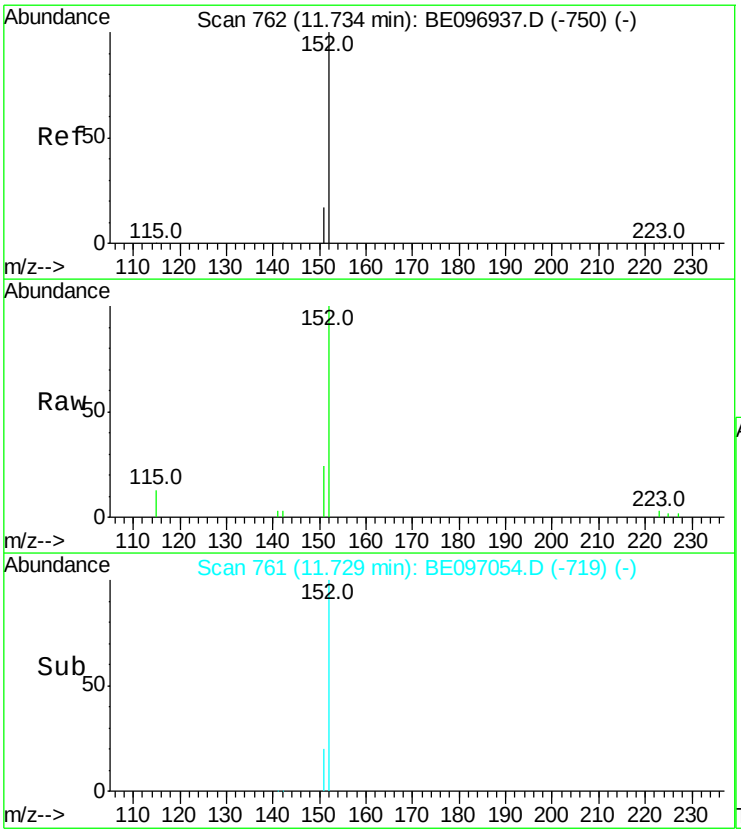
#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Instrument :
BNA_E
ClientSampleId :
RE109D1-071618

Tgt Ion: 82 Resp: 2126

Ion	Ratio	Lower	Upper
82	100		
128	39.5	24.0	36.0#
54	46.3	40.0	60.0

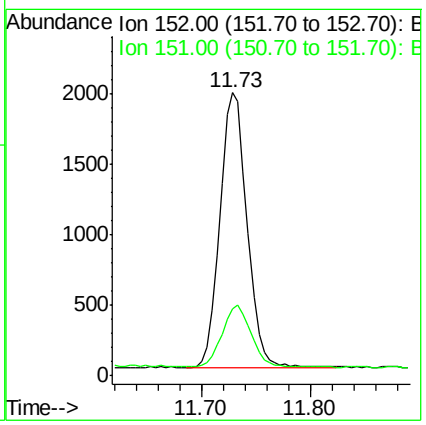


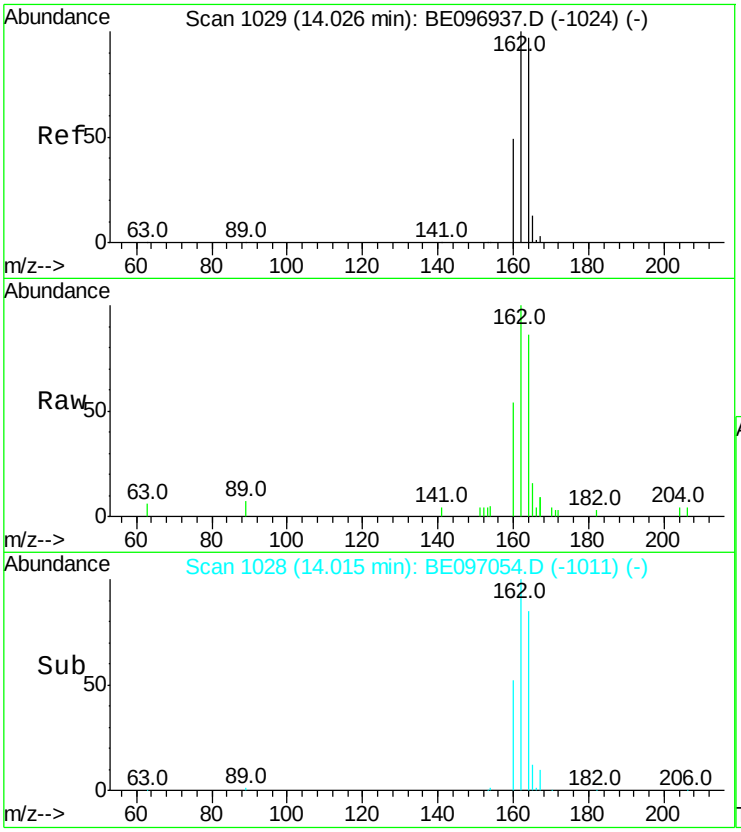


#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Tgt Ion:152 Resp: 3324

Ion	Ratio	Lower	Upper
152	100		
151	23.6	15.4	23.0#



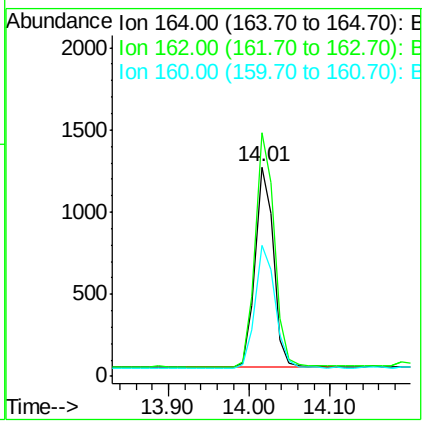


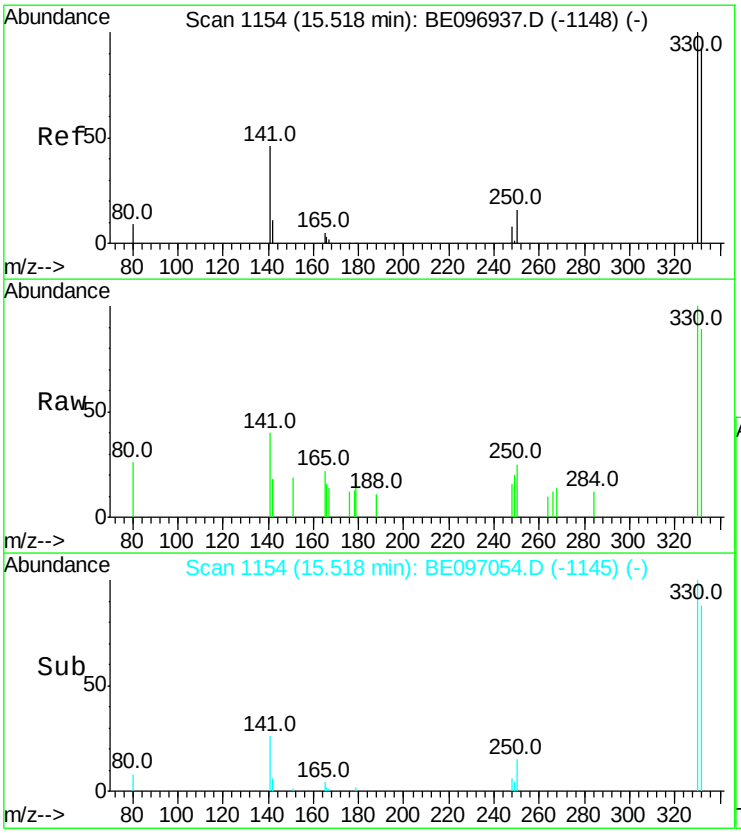
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Instrument : BNA_E
ClientSampleId : RE109D1-071618

Tgt Ion:164 Resp: 1935

Ion	Ratio	Lower	Upper
164	100		
162	116.1	83.1	124.7
160	62.4	37.1	55.7#

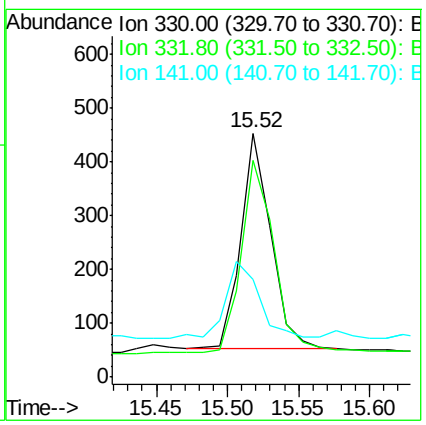


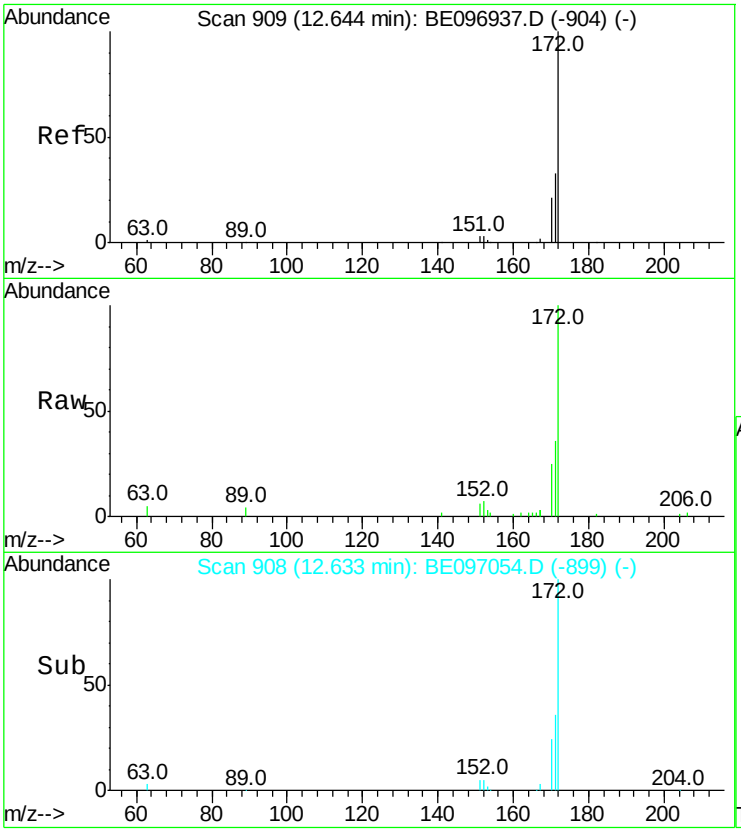


#14
2,4,6-Tribromophenol
Concen: 1.120 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Tgt Ion:330 Resp: 587

Ion	Ratio	Lower	Upper
330	100		
332	98.6	152.7	229.1#
141	39.9	33.7	50.5



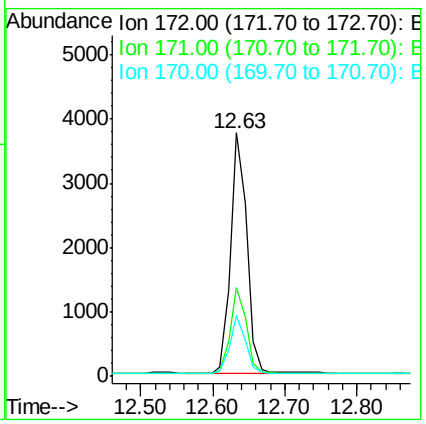


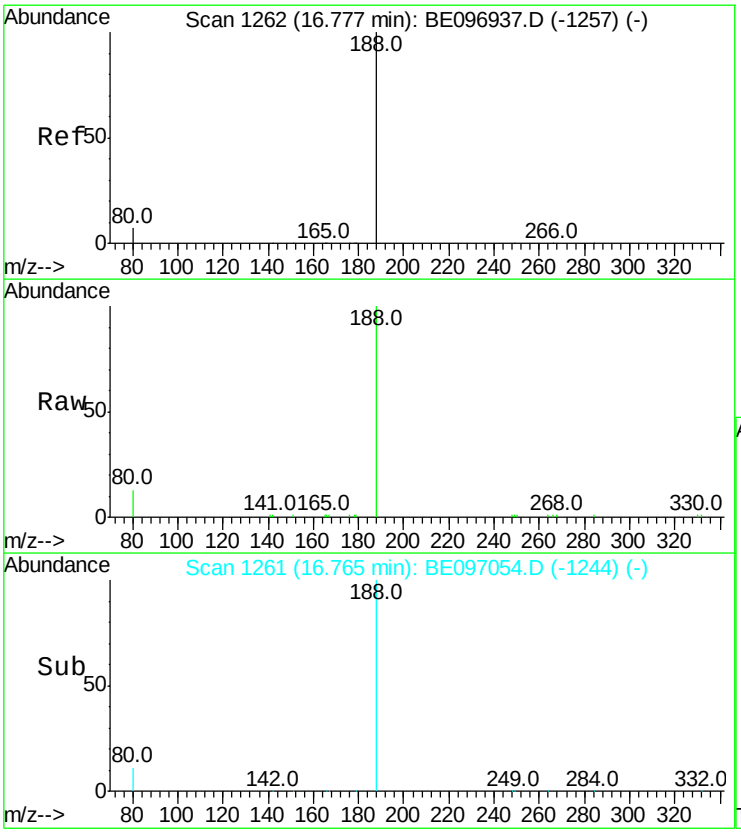
#15
2-Fluorobiphenyl
Concen: 0.808 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Instrument :
BNA_E
ClientSampleId :
RE109D1-071618

Tgt Ion:172 Resp: 5815

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	25.0	21.8	32.8

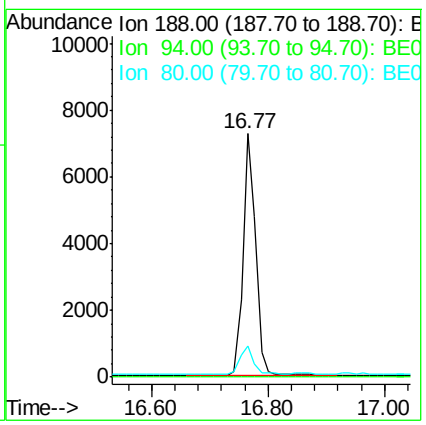


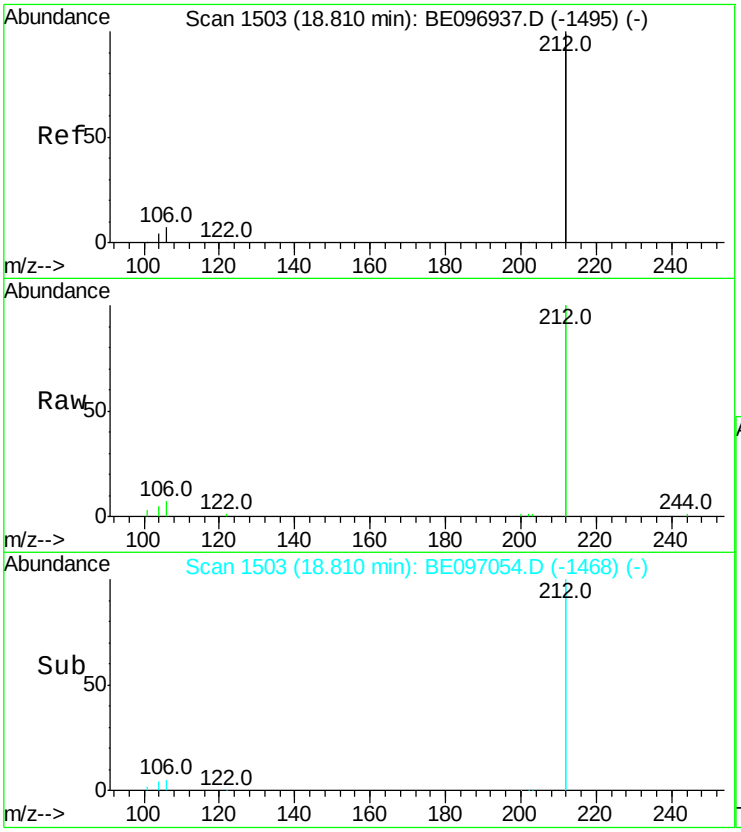


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Tgt Ion:188 Resp: 10792

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.7	3.6	5.4#



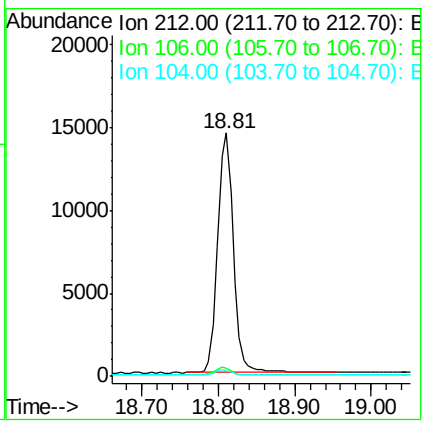


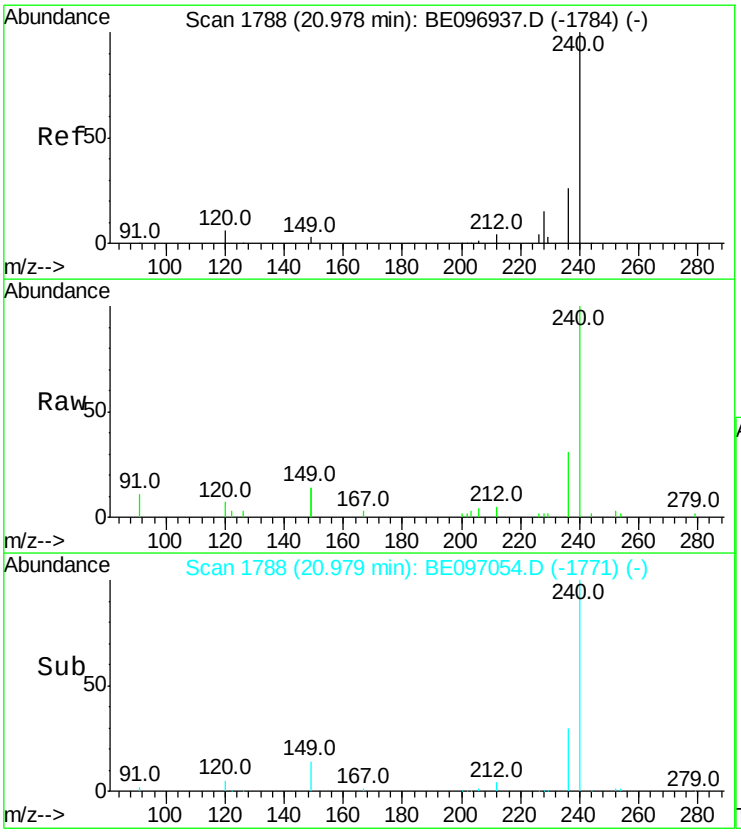
#25
Fluoranthene-d10
Concen: 0.220 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Instrument : BNA_E
ClientSampleId : RE109D1-071618

Tgt Ion:212 Resp: 20654

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	2.1	1.6	2.4

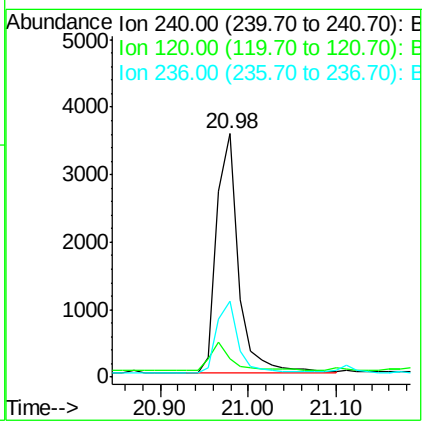


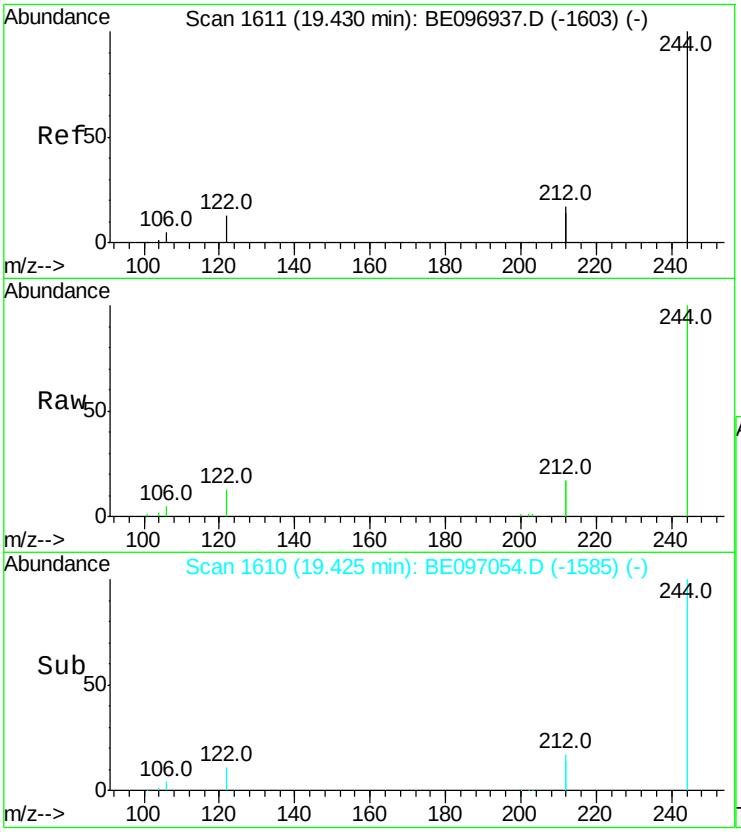


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Tgt Ion:240 Resp: 6190

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.5	8.3
236	31.4	20.7	31.1#



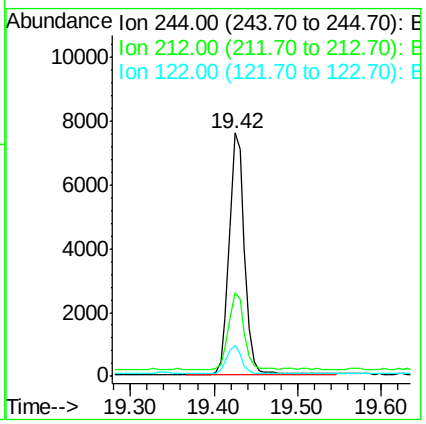


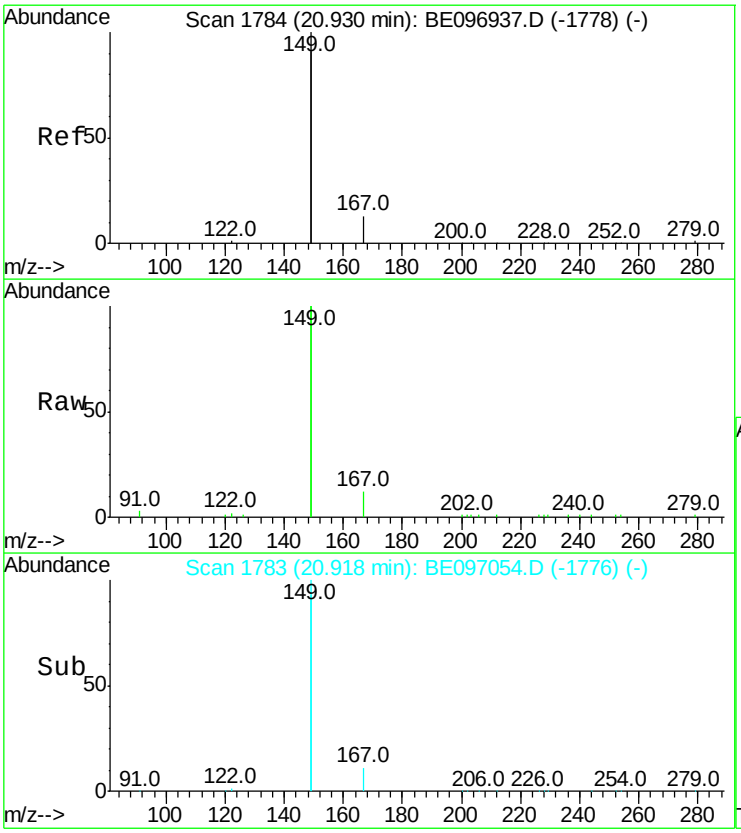
#29
Terphenyl-d14
Concen: 0.809 ng
RT: 19.42 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Instrument :
BNA_E
ClientSampleId :
RE109D1-071618

Tgt Ion:244 Resp: 9667

Ion	Ratio	Lower	Upper
244	100		
212	34.3	25.4	38.0
122	12.5	8.1	12.1#

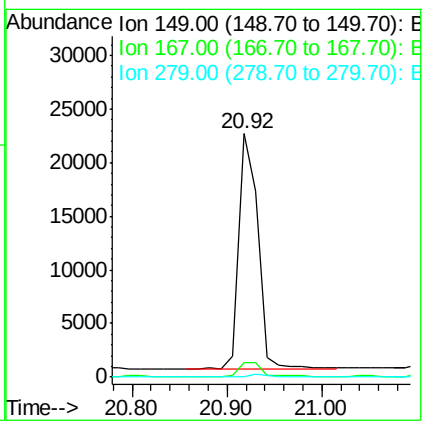


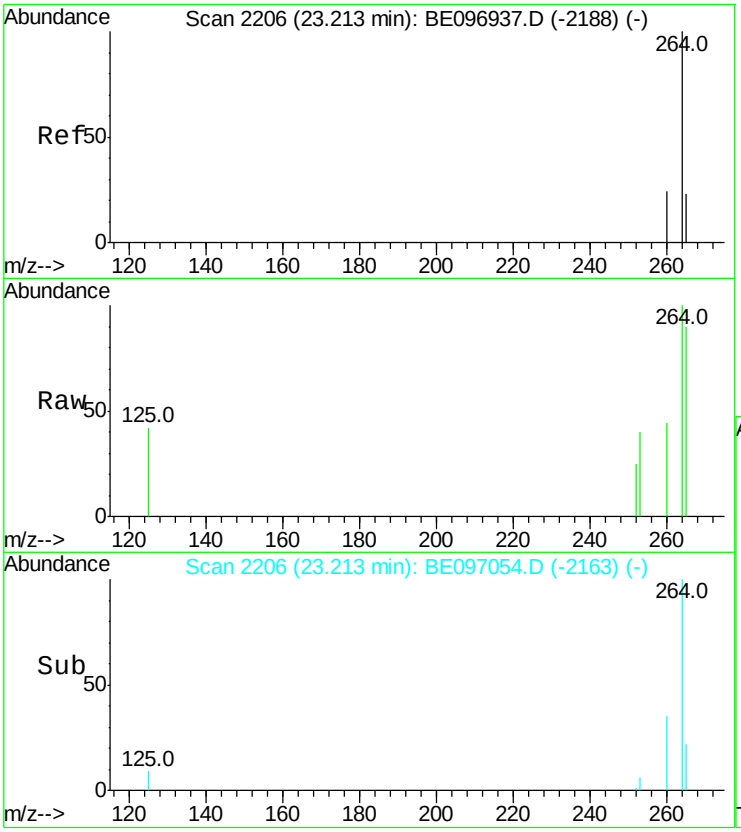


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.063 ng
RT: 20.92 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Tgt Ion:149 Resp: 30349

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.9	0.7	1.1



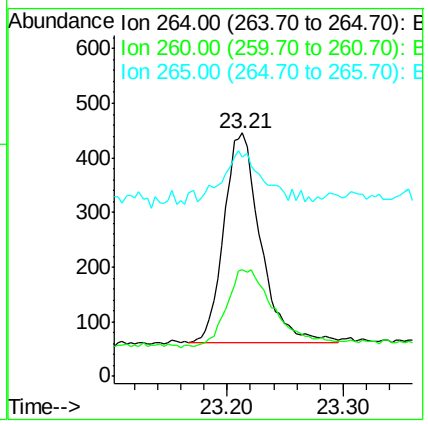


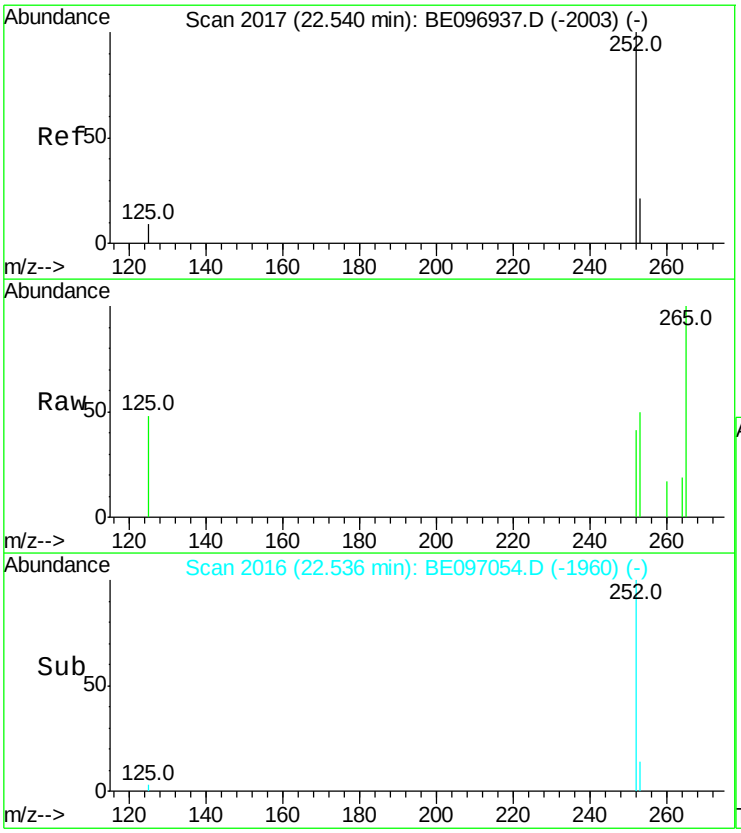
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Instrument :
BNA_E
ClientSampleId :
RE109D1-071618

Tgt Ion:264 Resp: 831

Ion	Ratio	Lower	Upper
264	100		
260	43.7	20.5	30.7#
265	89.9	22.8	34.2#

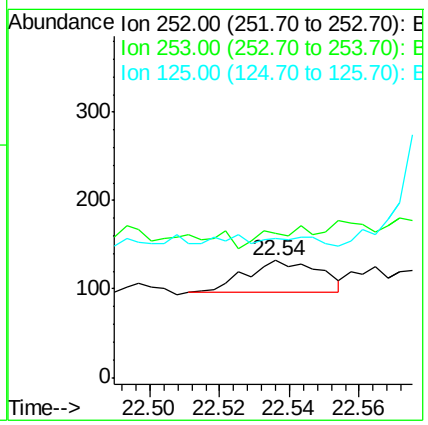


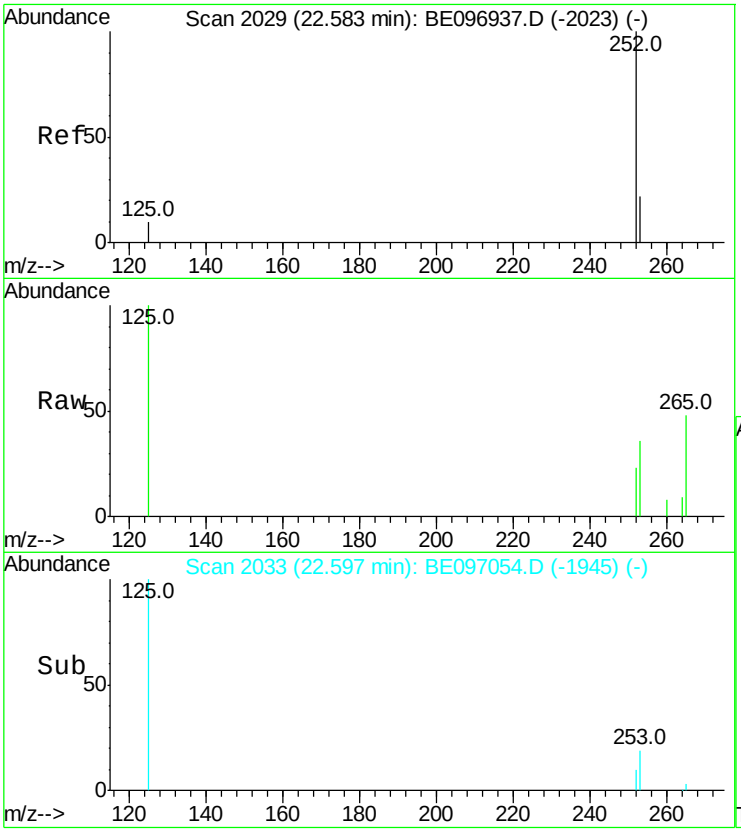


#35
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Tgt Ion:252 Resp: 51

Ion	Ratio	Lower	Upper
252	100		
253	123.5	20.0	30.0#
125	118.9	16.0	24.0#



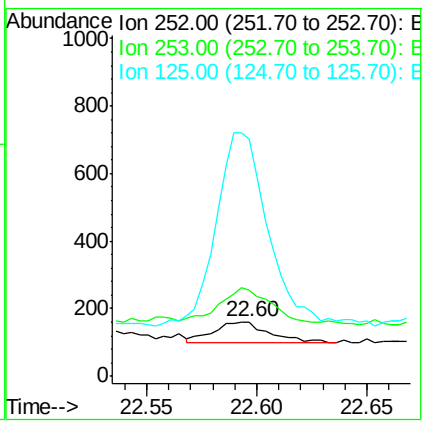


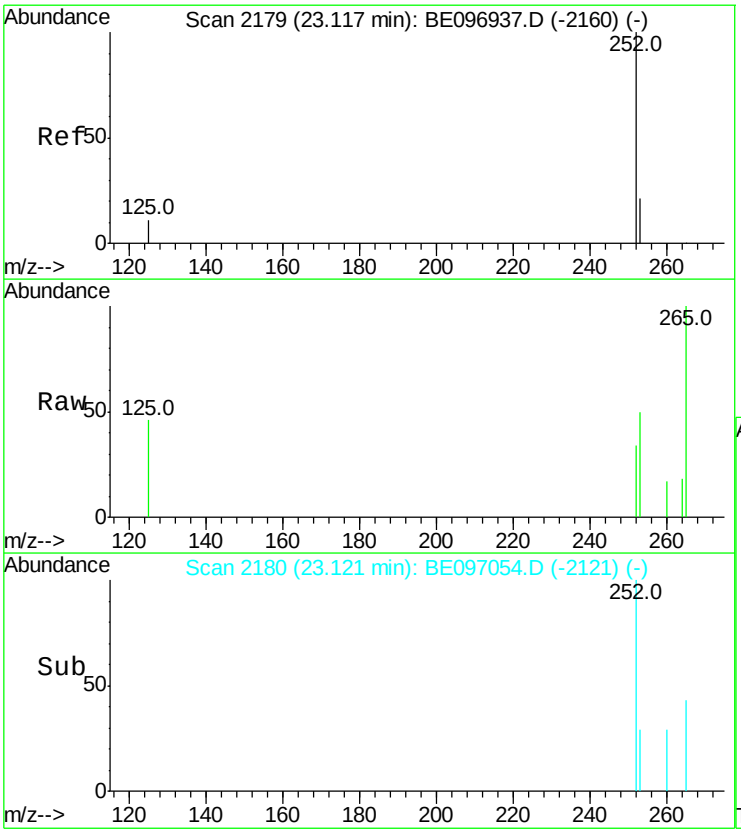
#36
Benzo(k)fluoranthene
Concen: 0.045 ng
RT: 22.60 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Instrument :
BNA_E
ClientSampleId :
RE109D1-071618

Tgt Ion:252 Resp: 114

Ion	Ratio	Lower	Upper
252	100		
253	158.1	16.0	24.0#
125	438.8	8.0	12.0#

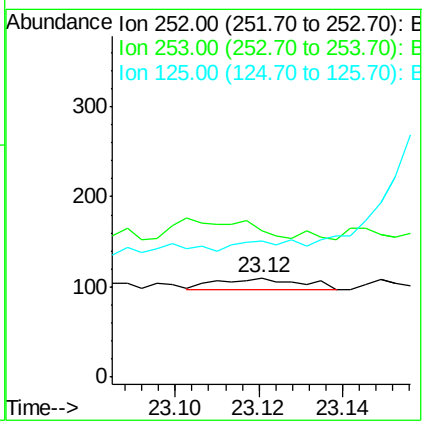


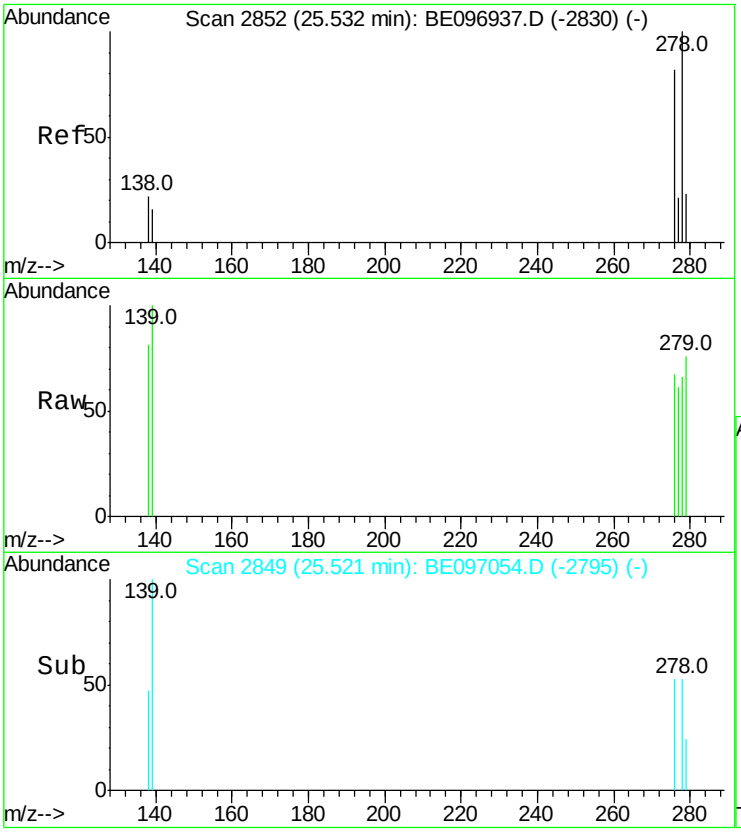


#37
Benzo(a)pyrene
Concen: 0.108 ng
RT: 23.12 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Tgt Ion:252 Resp: 17

Ion	Ratio	Lower	Upper
252	100		
253	148.2	16.0	24.0#
125	137.3	12.0	18.0#





#38
Dibenzo(a,h)anthracene
Concen: 0.124 ng
RT: 25.52 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Instrument :
BNA_E
ClientSampleId :
RE109D1-071618

Tgt Ion:278 Resp: 13

Ion	Ratio	Lower	Upper
278	100		
139	152.4	16.0	24.0#
279	115.9	20.0	30.0#