Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
Data File : BE097721.D
Acq On : 4 Oct 2018 9:44
Operator : SJ/JU
Sample : J4870-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PT-BN-WP

Quant Time: Oct 05 06:49:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	23397	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	23833	0.40	ng		0.01
13) Acenaphthene-d10	14.56	164	13858	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	37032	0.40	ng		0.00
27) Chrysene-d12	21.50	240	46536	0.40	ng		0.01
34) Perylene-d12	24.05	264	40974	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	2188715	39.54	ng		0.00
5) Phenol-d6	7.05	99	3395897	40.03	ng		0.00
8) Nitrobenzene-d5	9.06	82	1688320	218.20	ng		0.01
11) 2-Methylnaphthalene-d10	12.40	152	48	0.00	ng		0.10
14) 2,4,6-Tribromophenol	16.05	330	822097	327.30	ng		0.00
15) 2-Fluorobiphenyl	13.19	172	4522174	74.11	ng		0.00
25) Fluoranthene-d10	19.34	212	1076	0.00	ng		0.00
29) Terphenyl-d14	19.95	244	9696909	102.06	ng		0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.69	42	888746	20.956	ng	#	85
9) Naphthalene	10.76	128	29987544	124.850	ng	#	98
10) Hexachlorobutadiene	11.04	225	2545	0.200	ng		99
16) Acenaphthylene	14.28	152	6263859	102.065	ng		94
17) Acenaphthene	14.63	154	3634706	92.471	ng		96
18) Fluorene	15.61	166	6585599	126.168	ng		99
21) Hexachlorobenzene	16.62	284	1081032	49.470	ng		99
22) Pentachlorophenol	16.95	266	79	0.023	ng	#	72
23) Phenanthrene	17.36	178	10506844	110.101	ng	#	84
28) Pyrene	19.73	202	9457528	79.978	ng	#	85
30) Benzo(a)anthracene	21.49	228	10417885	83.269	ng	#	72
31) Chrysene	21.55	228	11299081	80.787	ng	#	61
32) Bis(2-ethylhexyl)phthalate	21.43	149	19039815	208.055	ng		98
33) Indeno(1,2,3-cd)pyrene	26.76	276	6610421	54.418	ng	#	79
35) Benzo(b)fluoranthene	23.33	252	2819399	25.072	ng		97
36) Benzo(k)fluoranthene	23.33	252	2918372	23.410	ng		98
37) Benzo(a)pyrene	23.97	252	15613140	153.367	ng	#	86
38) Dibenzo(a,h)anthracene	26.81	278	7931886	79.103	ng		96

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

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Misc :
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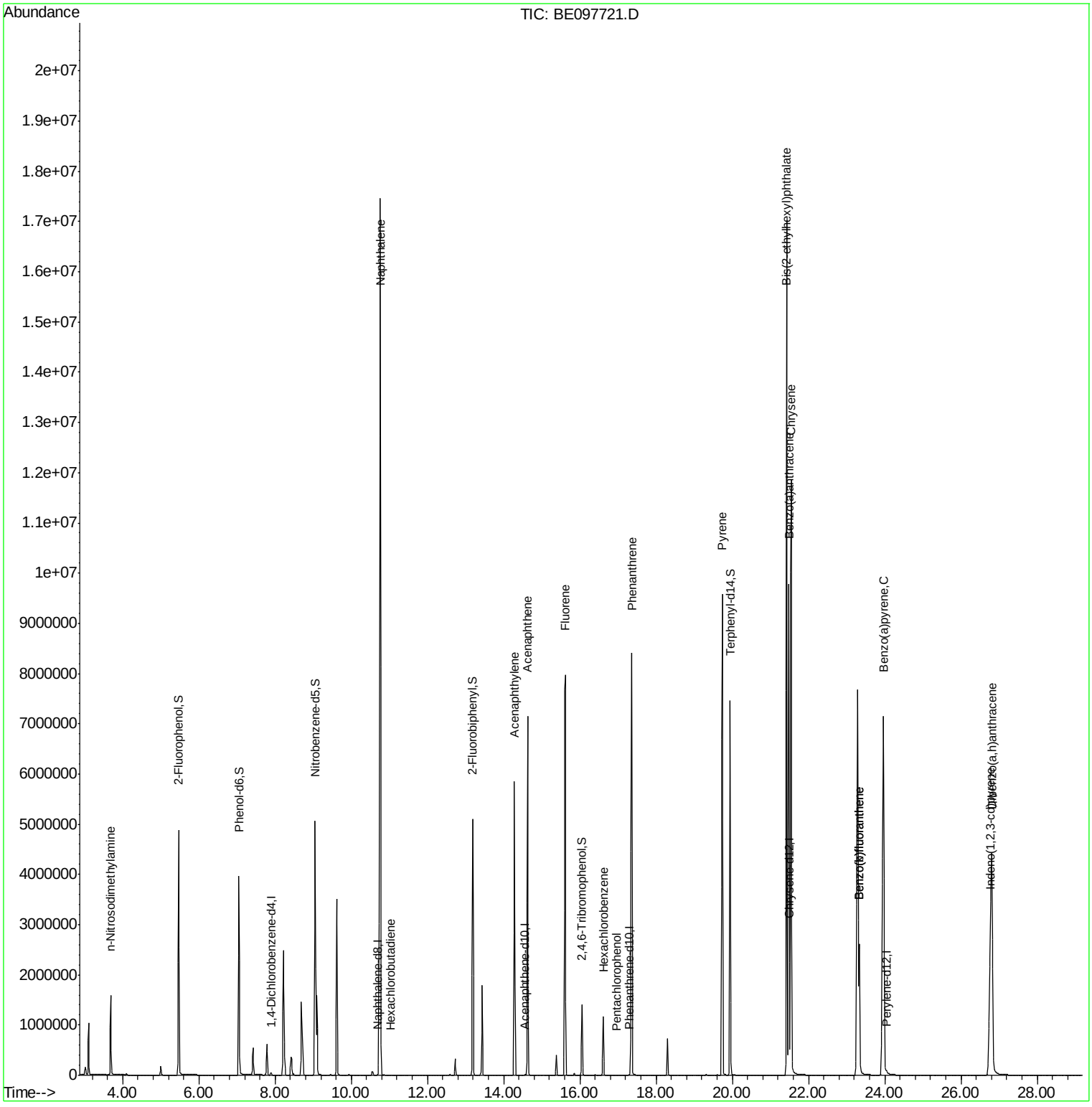
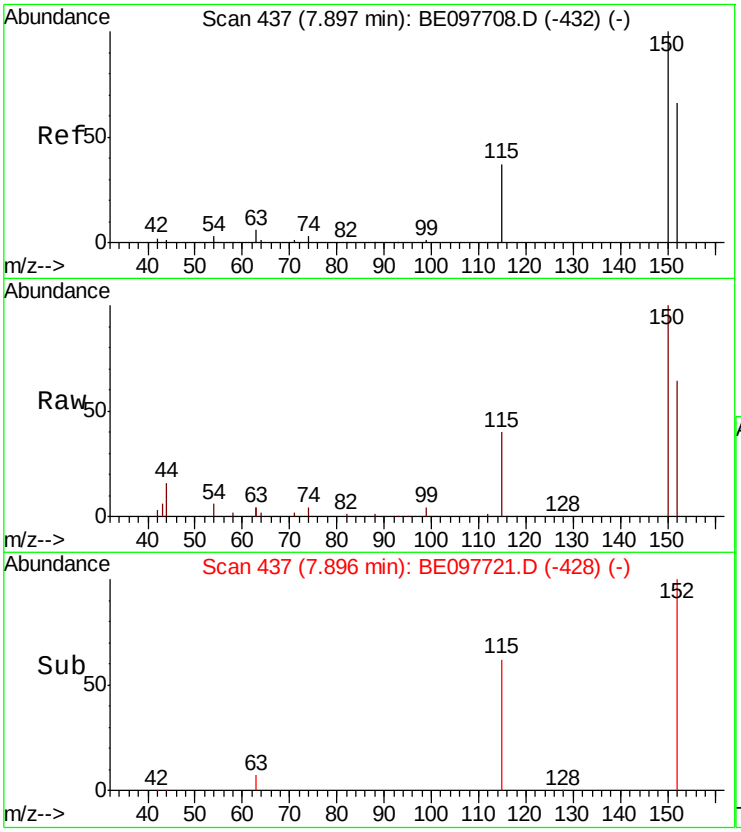


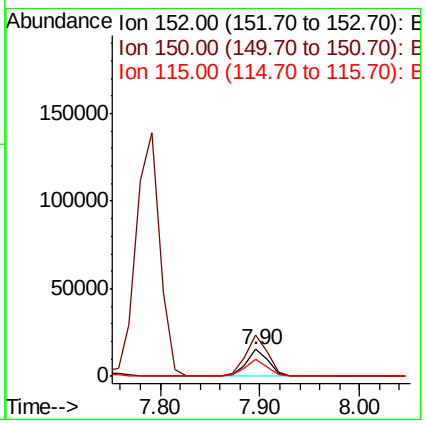


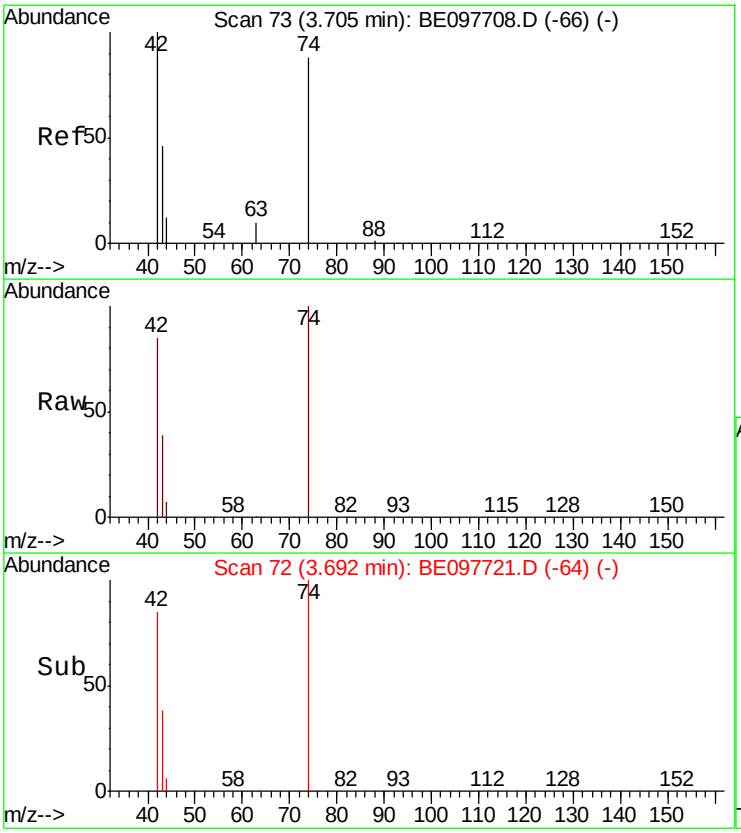
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 23397

Ion	Ratio	Lower	Upper
152	100		
150	157.1	120.9	181.3
115	63.3	46.6	69.8

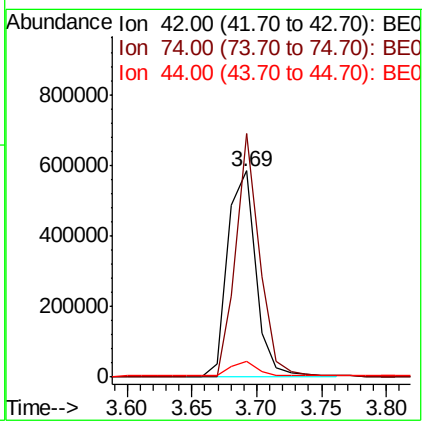


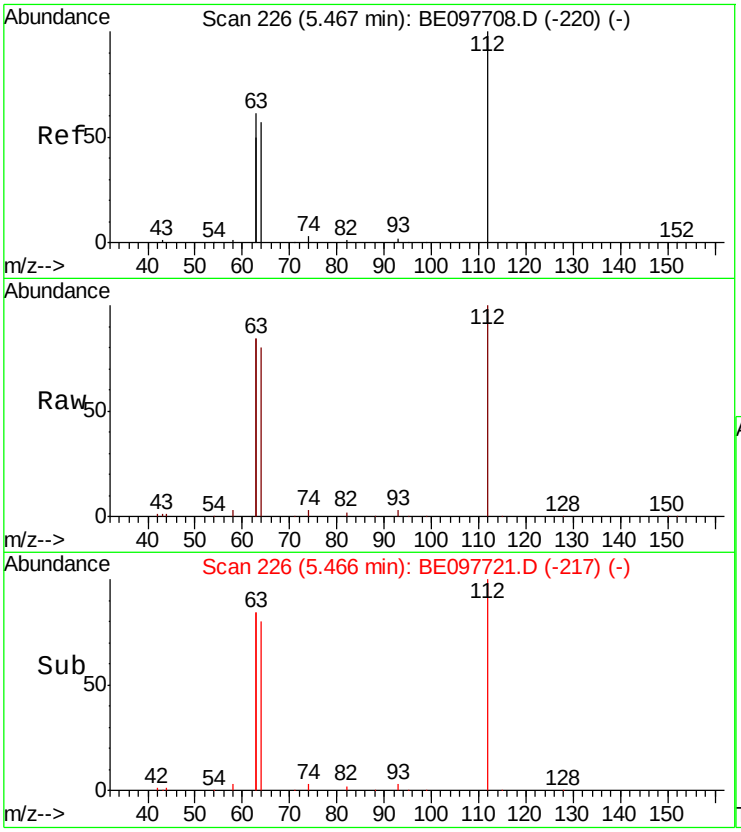


#3
n-Nitrosodimethylamine
Concen: 20.956 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion: 42 Resp: 888746

Ion	Ratio	Lower	Upper
42	100		
74	99.7	70.7	106.1
44	7.0	15.0	22.4#



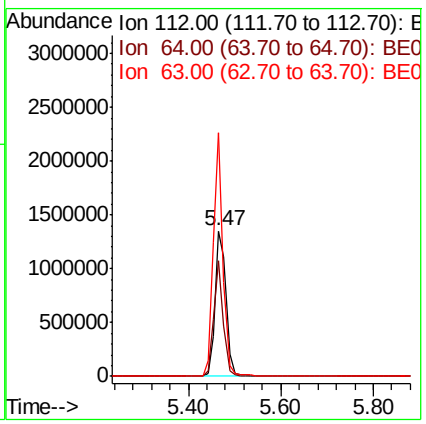


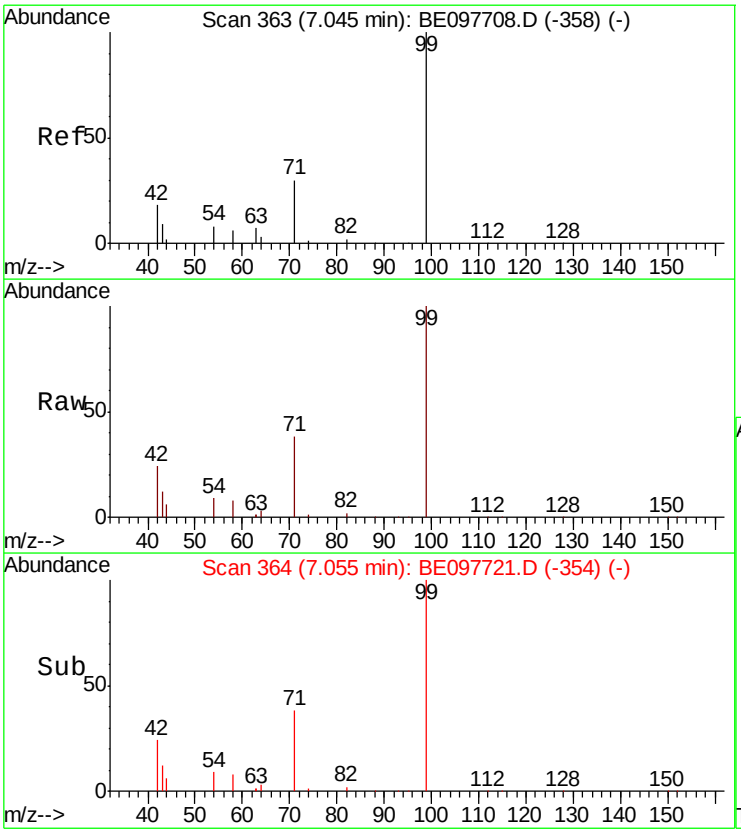
#4
2-Fluorophenol
Concen: 39.542 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:112 Resp: 2188715

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.6	84.8
63	150.4	119.4	179.0

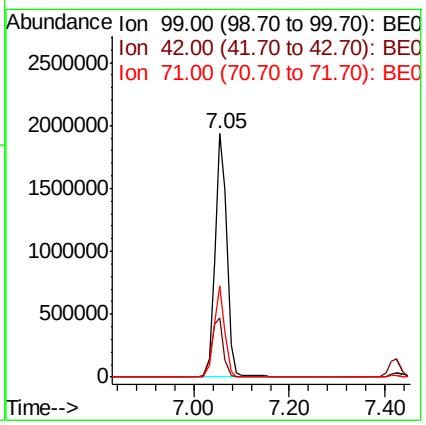


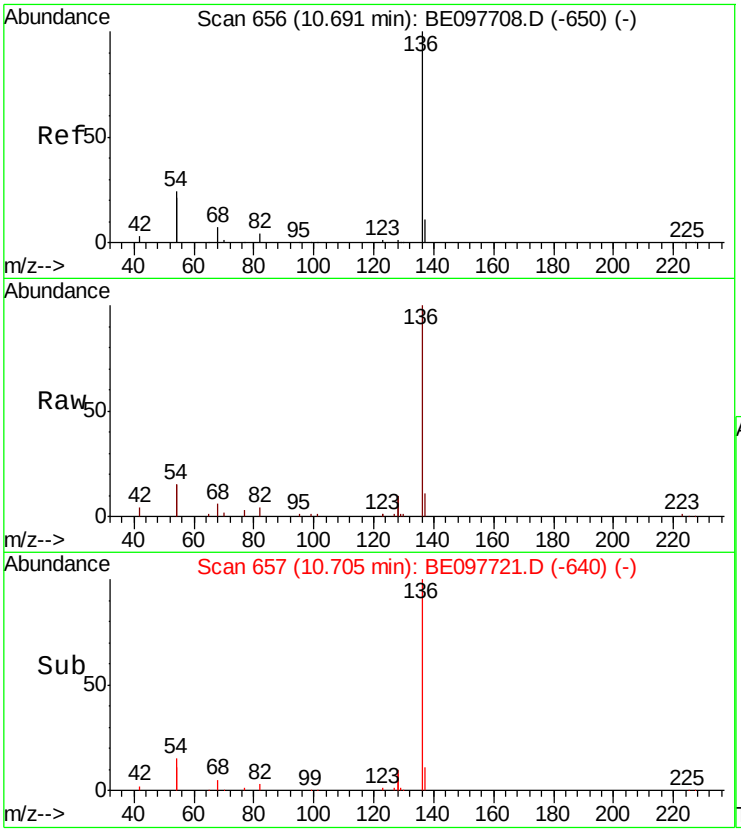


#5
Phenol-d6
Concen: 40.026 ng
RT: 7.05 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion: 99 Resp: 3395897

Ion	Ratio	Lower	Upper
99	100		
42	25.2	19.9	29.9
71	35.0	25.4	38.2



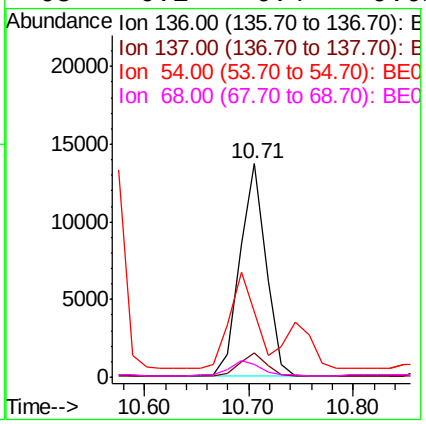


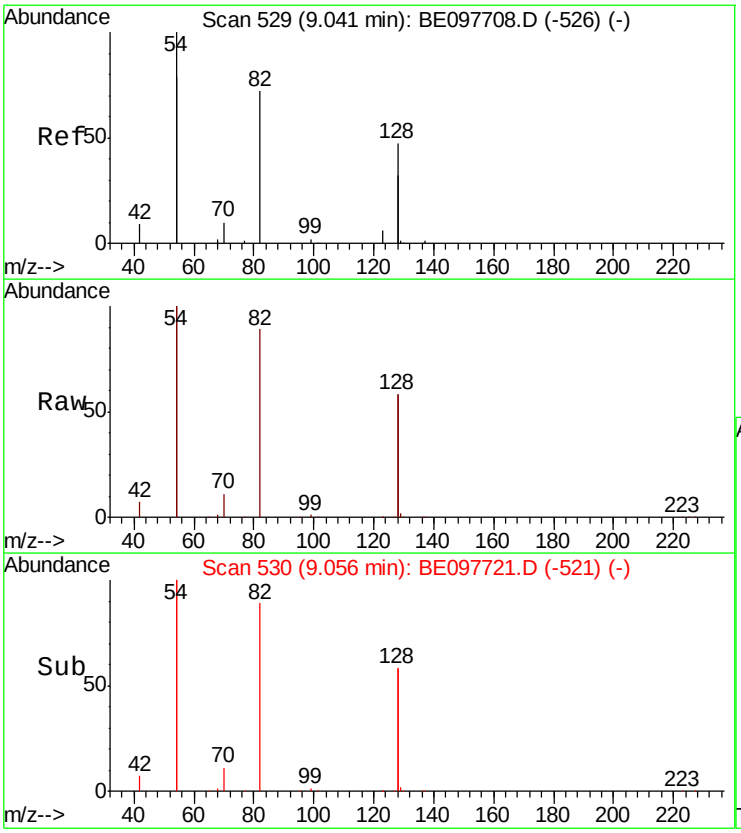
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:136 Resp: 23833

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	30.6	37.8	56.6#
68	6.1	6.4	9.6#

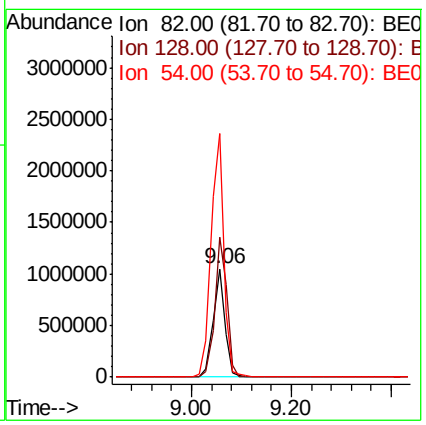


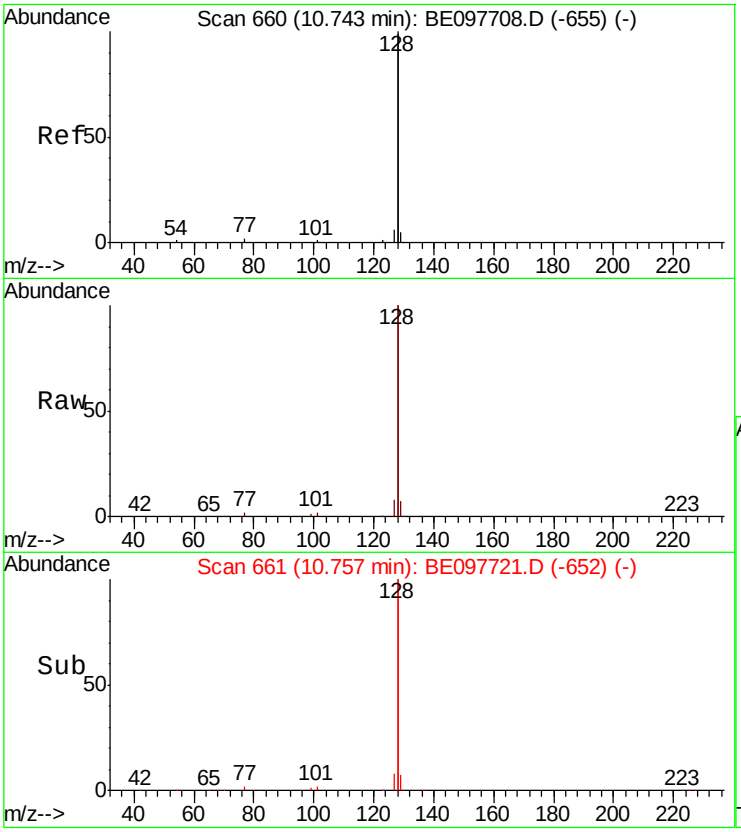


#8
Nitrobenzene-d5
Concen: 218.196 ng
RT: 9.06 min Scan# 530
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion: 82 Resp: 1688320

Ion	Ratio	Lower	Upper
82	100		
128	129.5	97.0	145.4
54	224.8	206.9	310.3



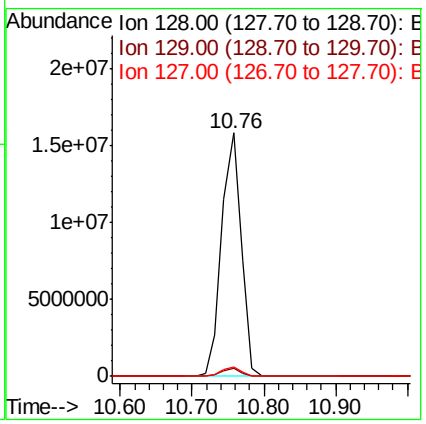


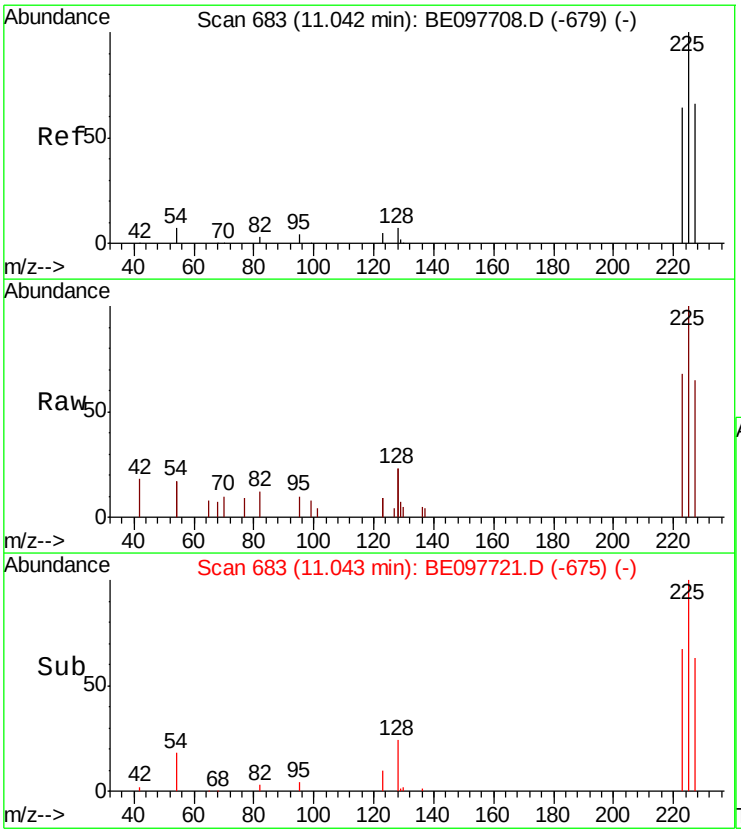
#9
Naphthalene
Concen: 124.850 ng
RT: 10.76 min Scan# 661
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:128 Resp:29987544

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.2	3.2#
127	4.0	2.7	4.1

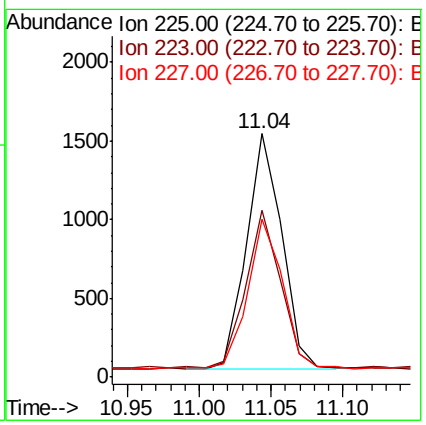


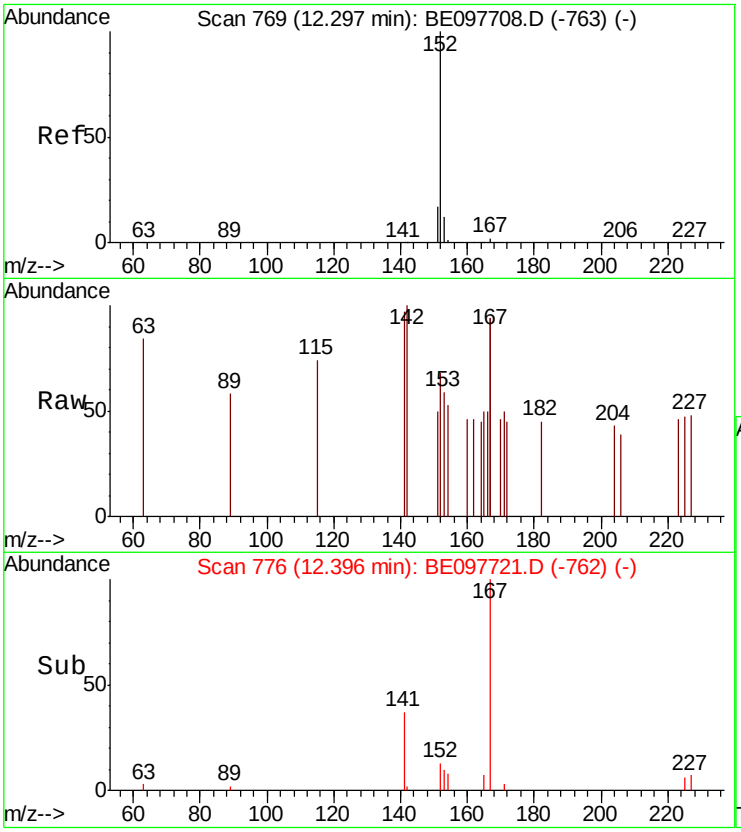


#10
Hexachlorobutadiene
Concen: 0.200 ng
RT: 11.04 min Scan# 683
Delta R.T. 0.00 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:225 Resp: 2545

Ion	Ratio	Lower	Upper
225	100		
223	65.6	52.2	78.4
227	63.1	51.2	76.8



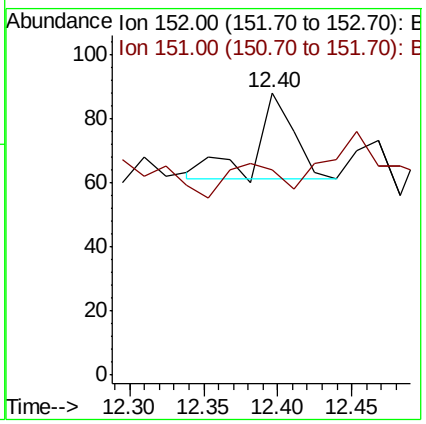


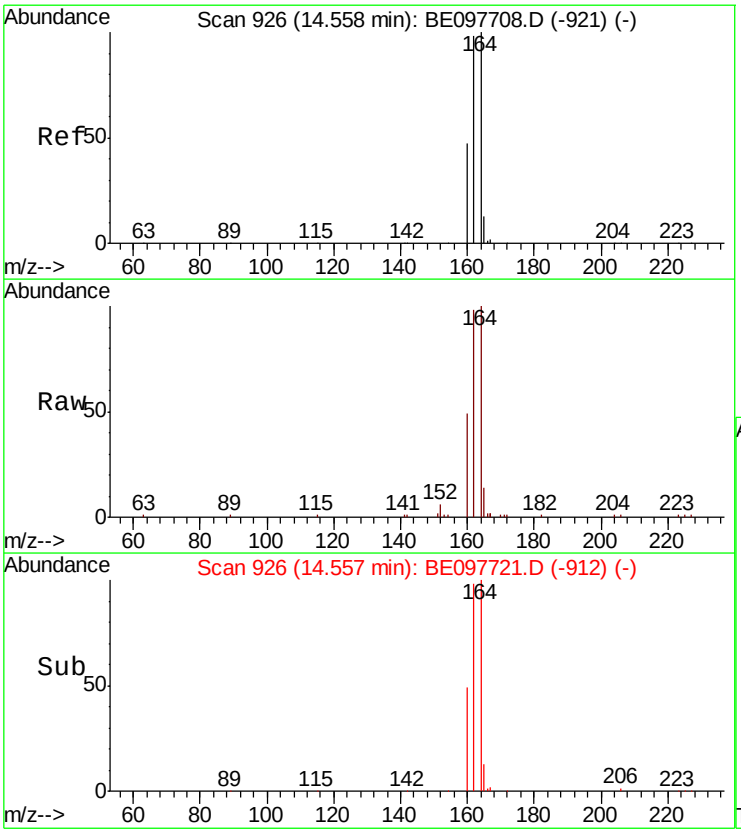
#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.40 min Scan# 776
Delta R.T. 0.10 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 48

Ion	Ratio	Lower	Upper
152	100		
151	58.3	15.4	23.2#

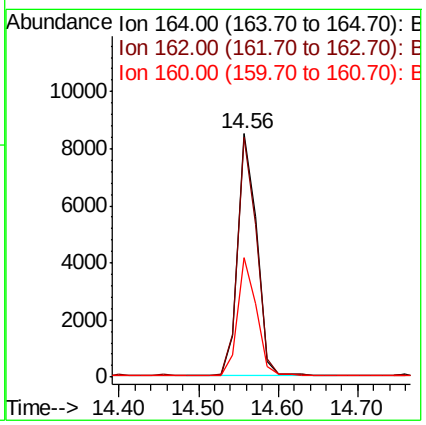


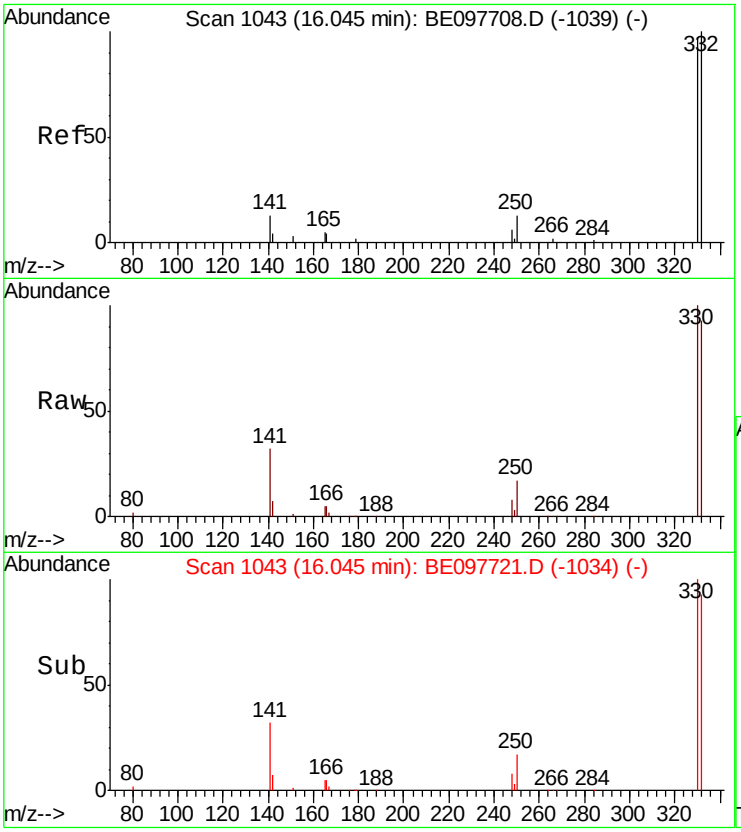


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:164 Resp: 13858

Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.6	117.8
160	49.0	37.8	56.6



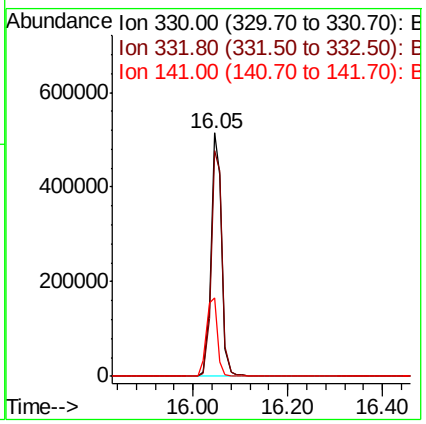


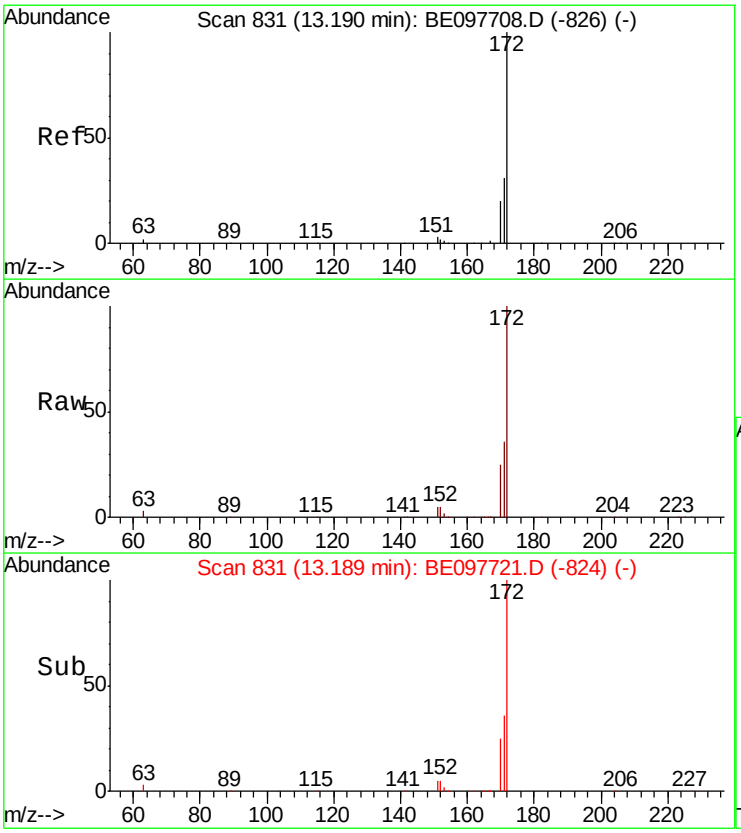
#14
2,4,6-Tribromophenol
Concen: 327.302 ng
RT: 16.05 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:330 Resp: 822097

Ion	Ratio	Lower	Upper
330	100		
332	96.0	83.5	125.3
141	33.6	34.9	52.3#

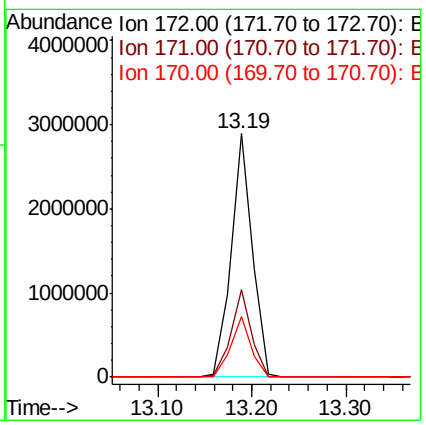


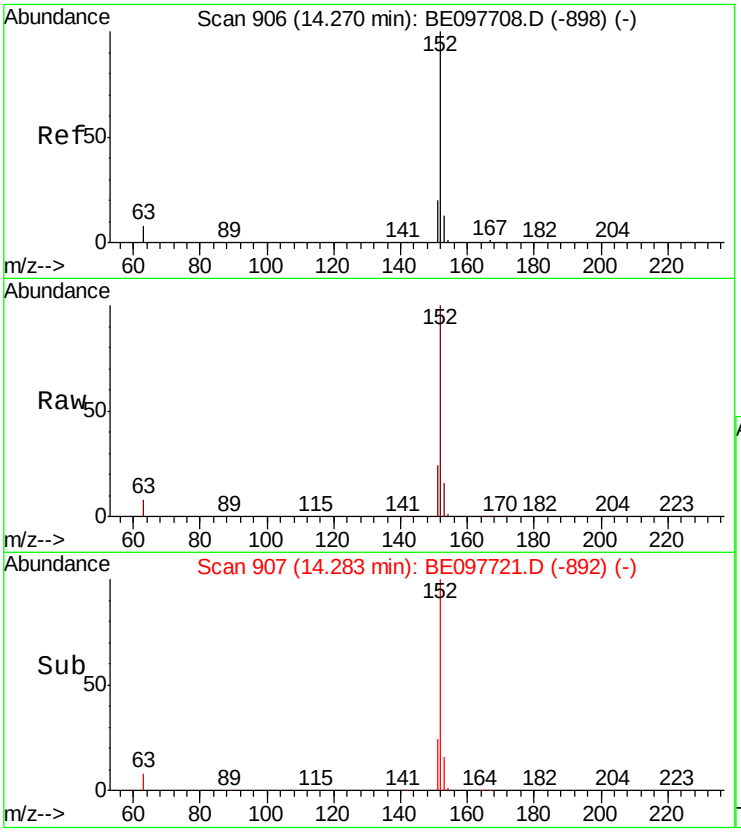


#15
2-Fluorobiphenyl
Concen: 74.113 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:172 Resp: 4522174

Ion	Ratio	Lower	Upper
172	100		
171	35.9	25.2	37.8
170	24.7	16.2	24.2#



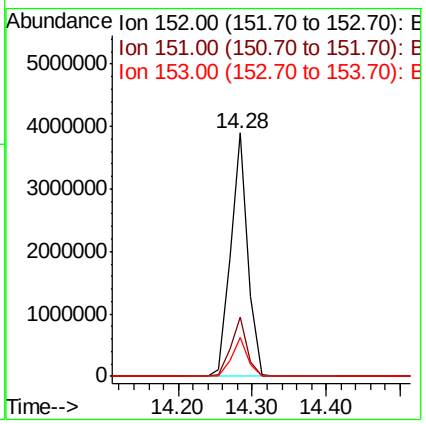


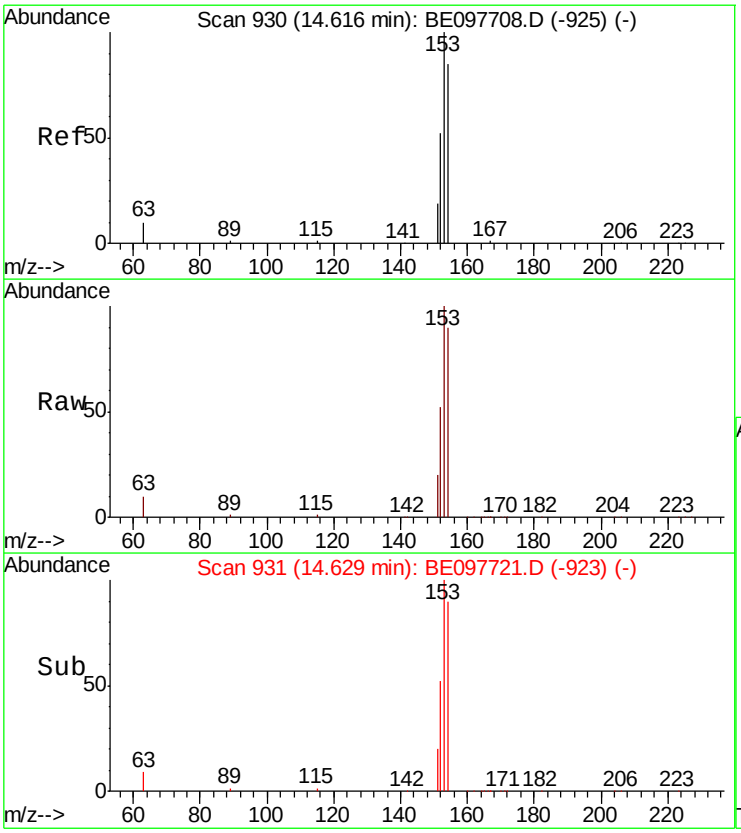
#16
Acenaphthylene
Concen: 102.065 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 6263859

Ion	Ratio	Lower	Upper
152	100		
151	22.8	15.3	22.9
153	15.1	10.8	16.2

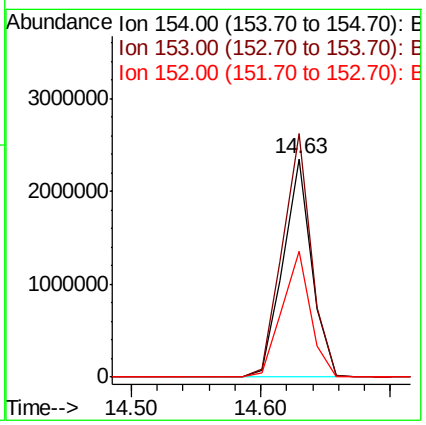


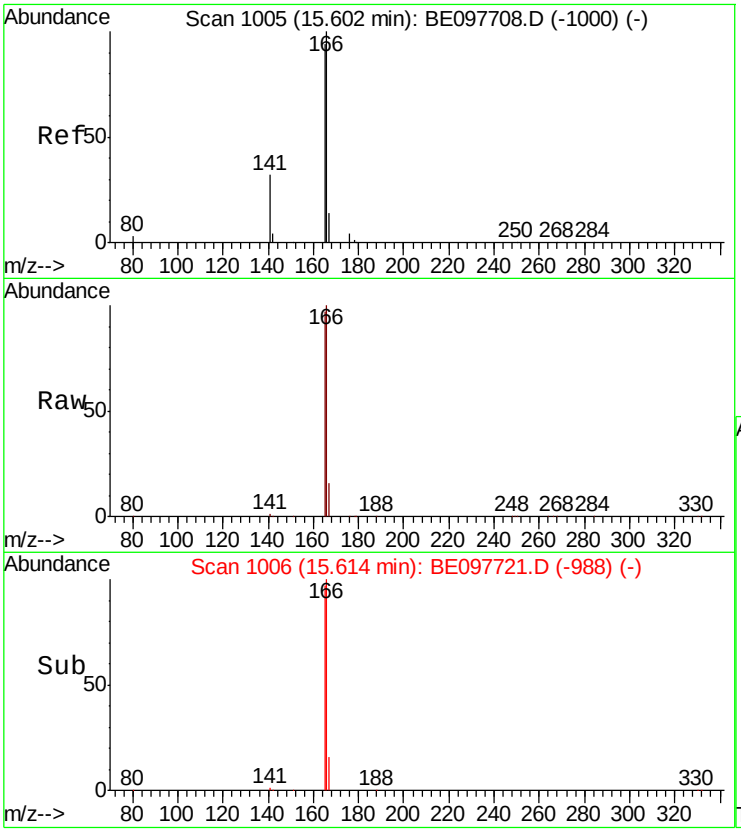


#17
Acenaphthene
Concen: 92.471 ng
RT: 14.63 min Scan# 931
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:154 Resp: 3634706

Ion	Ratio	Lower	Upper
154	100		
153	112.4	93.3	139.9
152	57.1	48.9	73.3



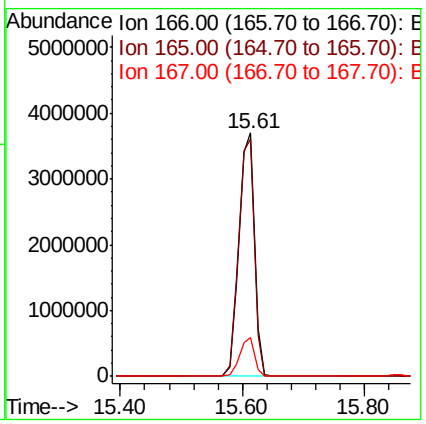


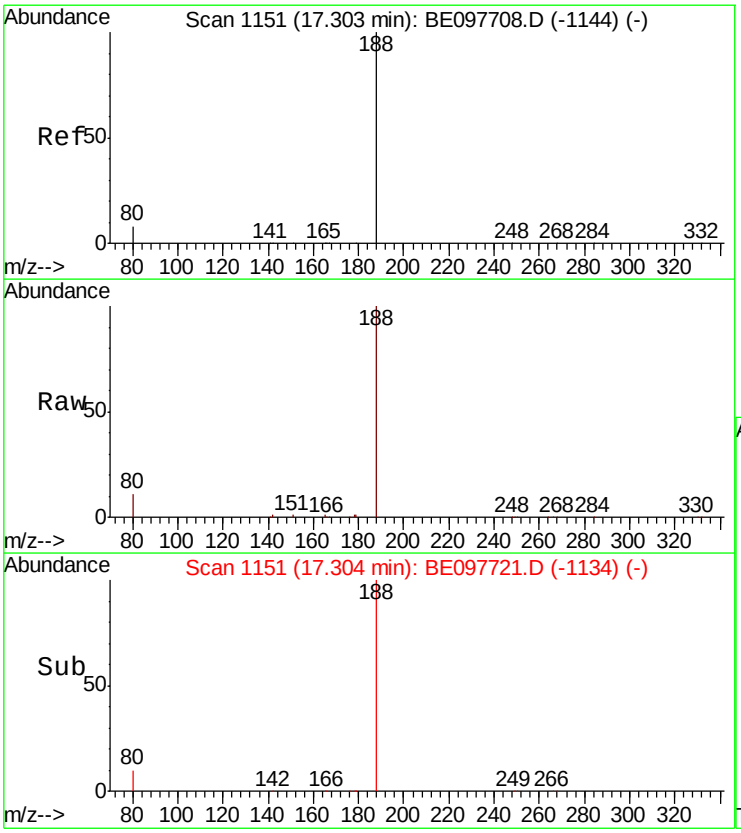
#18
Fluorene
Concen: 126.168 ng
RT: 15.61 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:166 Resp: 6585599

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.0	118.4
167	15.2	11.1	16.7

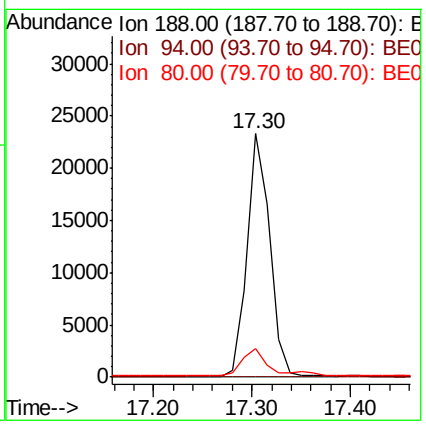


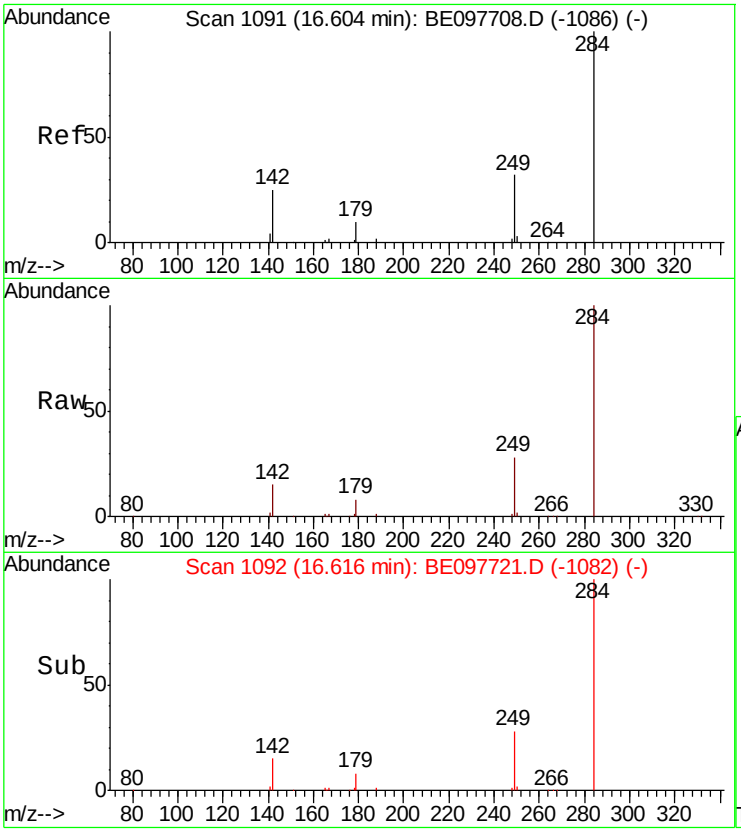


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:188 Resp: 37032

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	6.6	9.8#



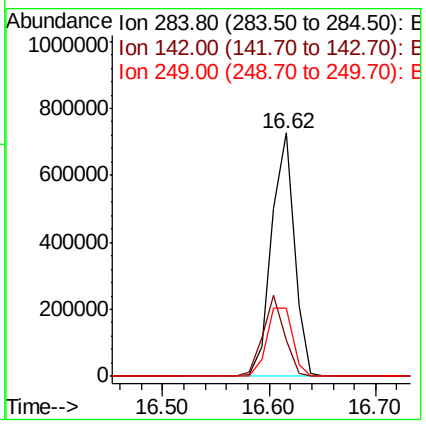


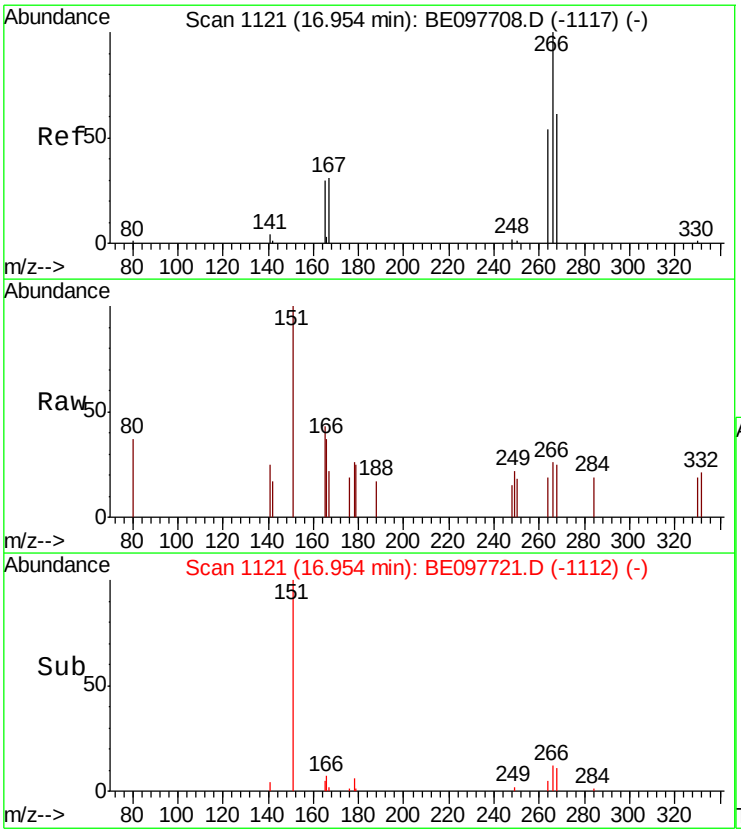
#21
Hexachlorobenzene
Concen: 49.470 ng
RT: 16.62 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:284 Resp: 1081032

Ion	Ratio	Lower	Upper
284	100		
142	31.5	24.9	37.3
249	32.2	25.8	38.8

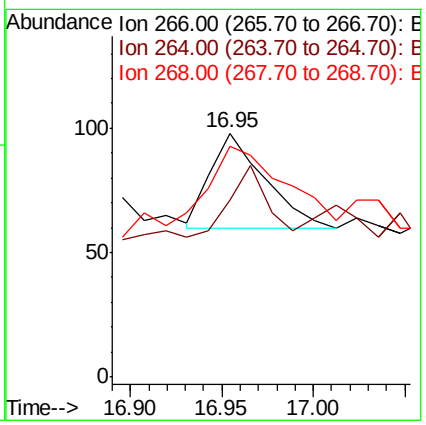


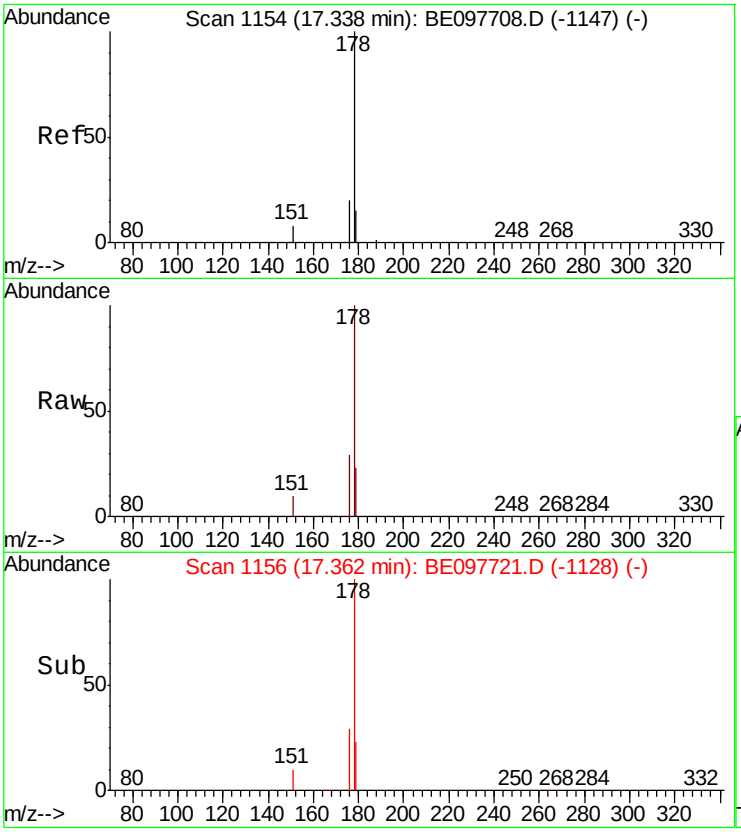


#22
Pentachlorophenol
Concen: 0.023 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:266 Resp: 79

Ion	Ratio	Lower	Upper
266	100		
264	72.4	46.8	70.2#
268	94.9	53.0	79.6#



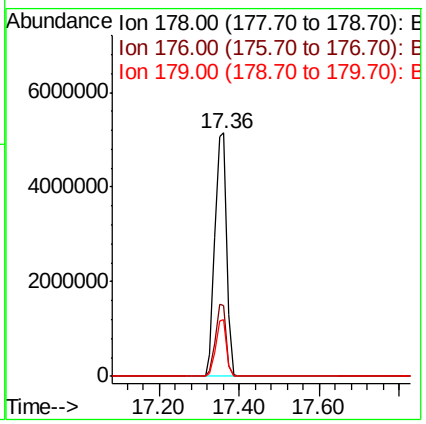


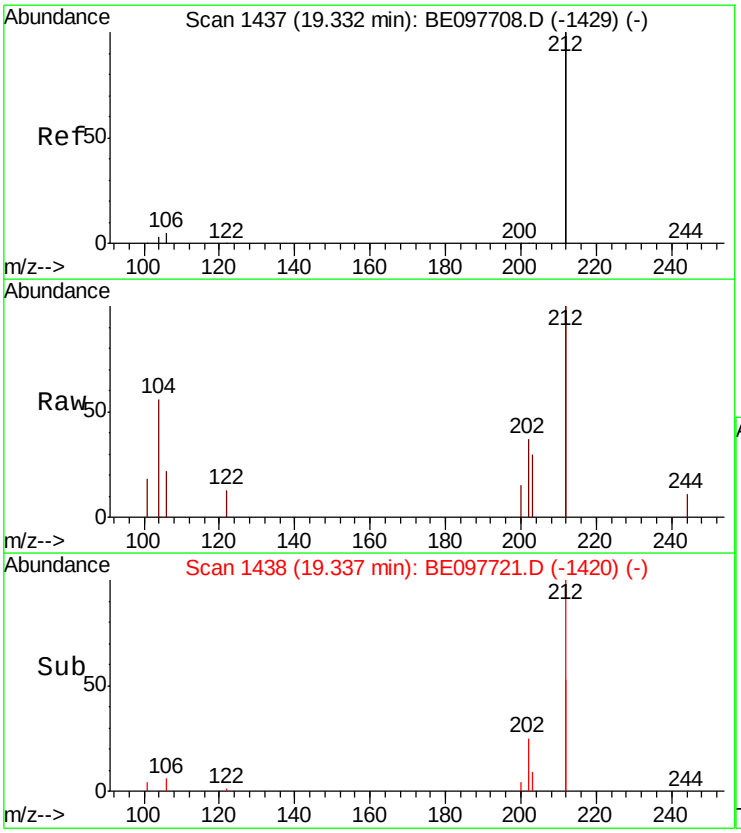
#23
Phenanthrene
Concen: 110.101 ng
RT: 17.36 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:178 Resp:10506844

Ion	Ratio	Lower	Upper
178	100		
176	27.0	15.4	23.2#
179	21.1	12.2	18.4#

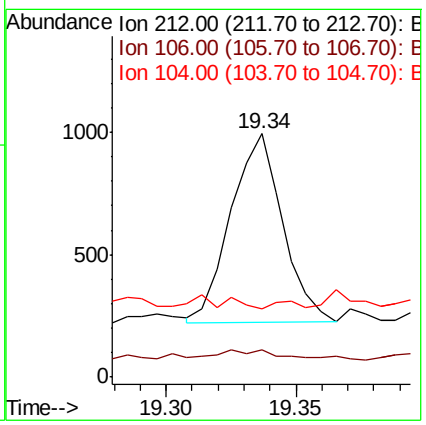


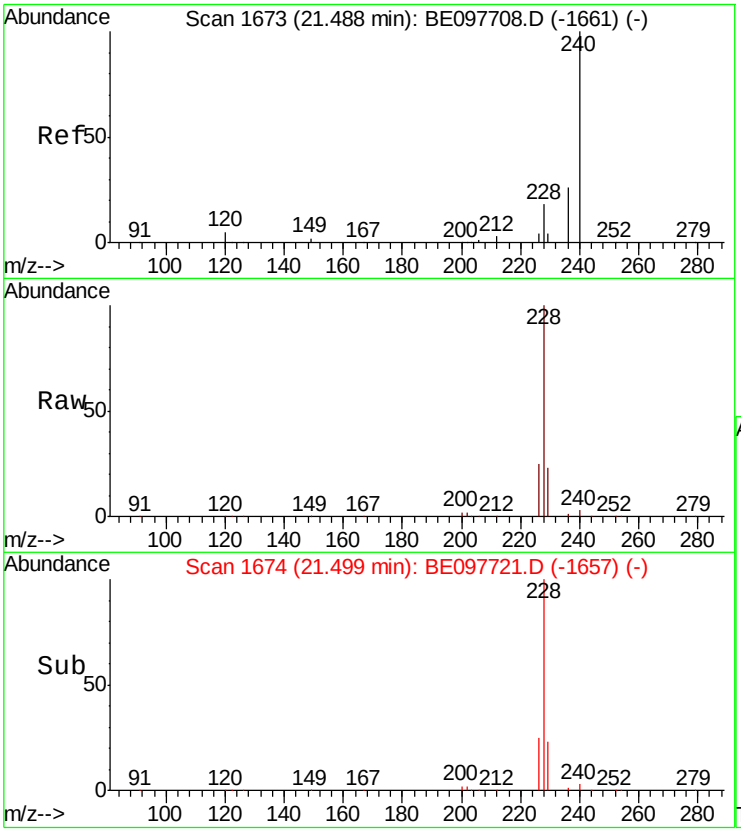


#25
Fluoranthene-d10
Concen: 0.002 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:212 Resp: 1076

Ion	Ratio	Lower	Upper
212	100		
106	6.0	2.2	3.2#
104	0.0	1.2	1.8#



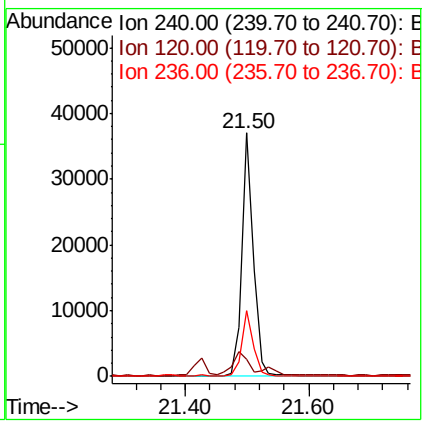


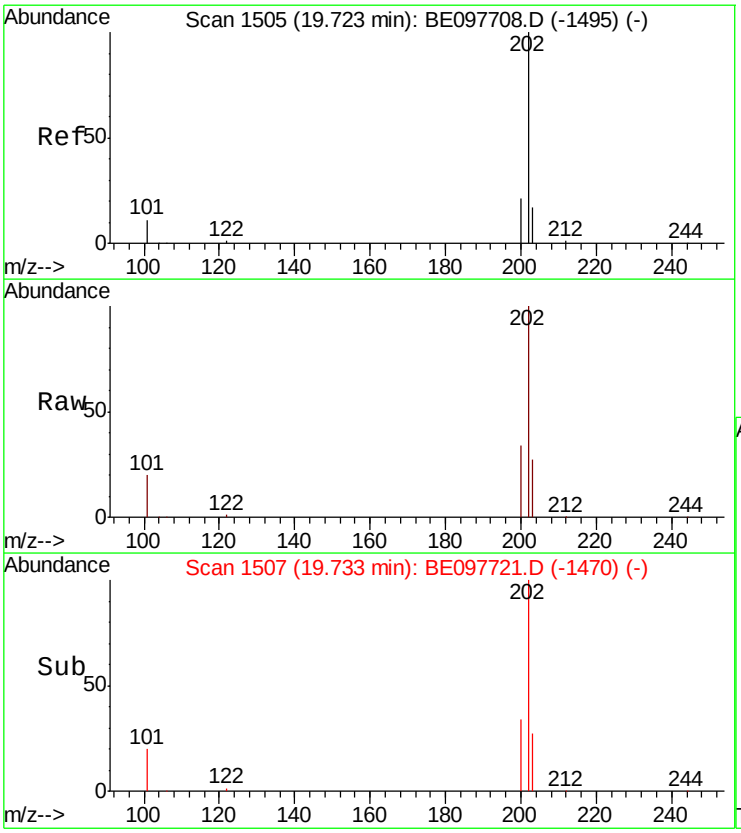
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:240 Resp: 46536

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.7	7.1
236	27.2	20.8	31.2

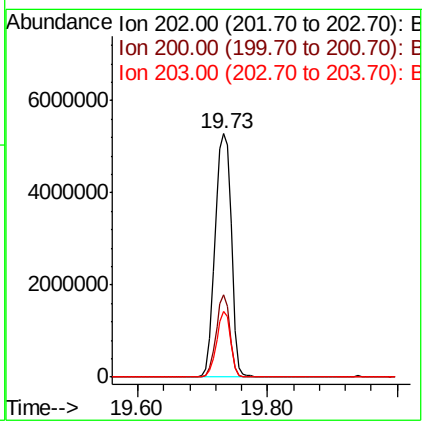


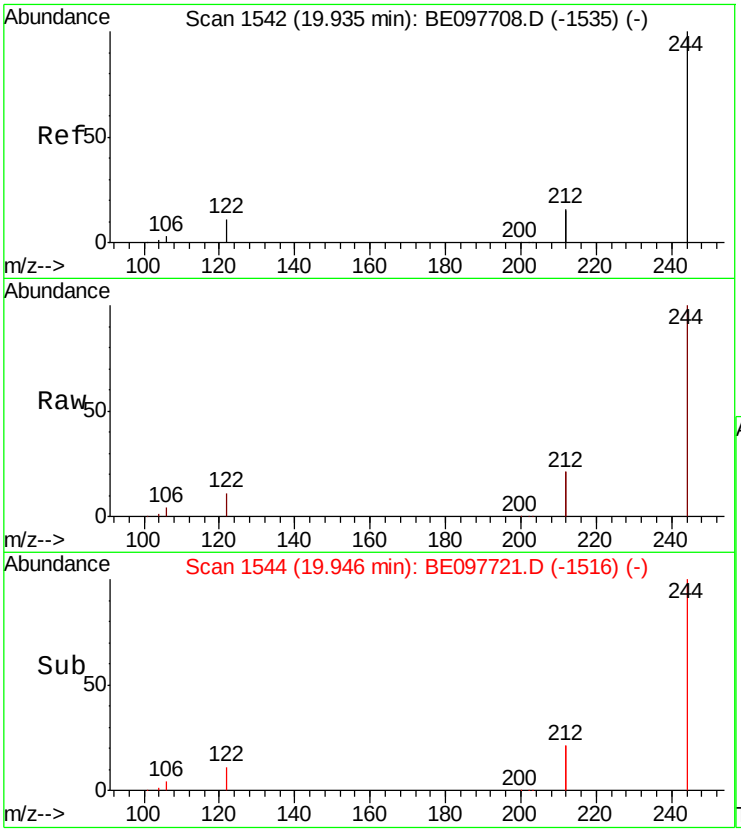


#28
Pyrene
Concen: 79.978 ng
RT: 19.73 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:202 Resp: 9457528

Ion	Ratio	Lower	Upper
202	100		
200	28.6	16.7	25.1#
203	23.2	13.9	20.9#



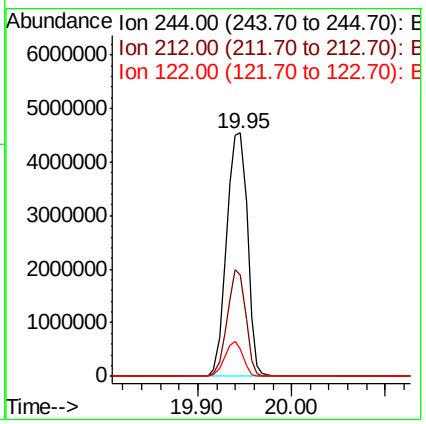


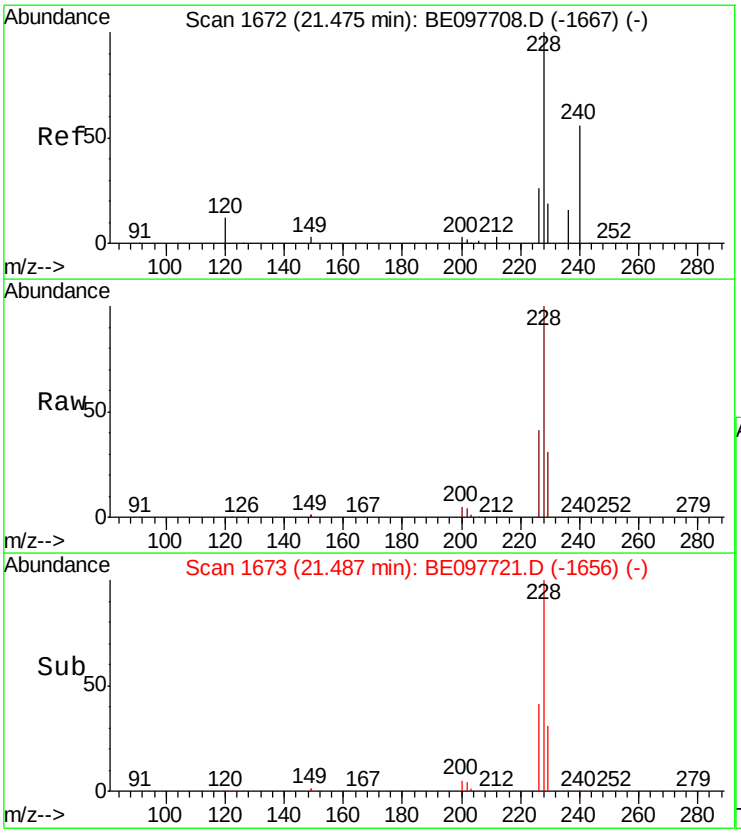
#29
Terphenyl-d14
Concen: 102.057 ng
RT: 19.95 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:244 Resp: 9696909

Ion	Ratio	Lower	Upper
244	100		
212	41.9	25.8	38.8#
122	11.3	8.7	13.1

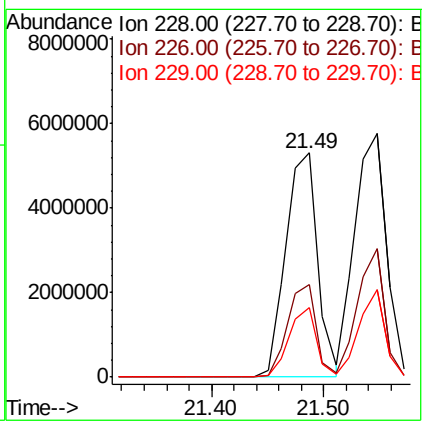


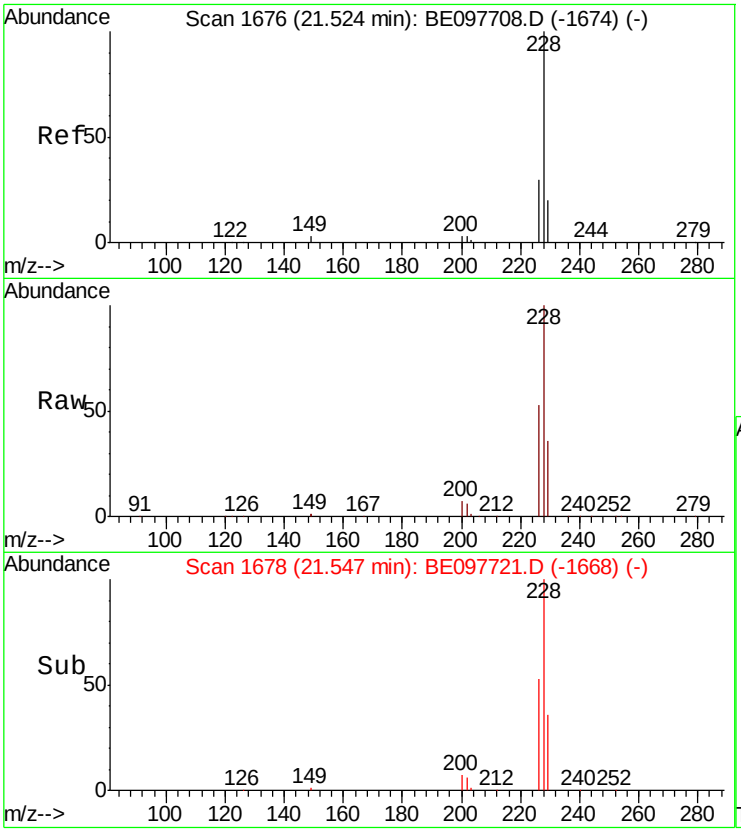


#30
Benzo(a)anthracene
Concen: 83.269 ng
RT: 21.49 min Scan# 1673
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:228 Resp:10417885

Ion	Ratio	Lower	Upper
228	100		
226	41.3	20.7	31.1#
229	31.2	15.7	23.5#



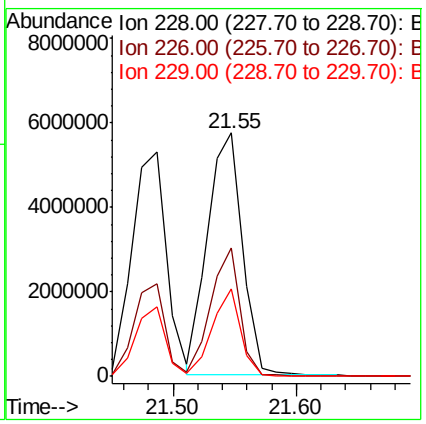


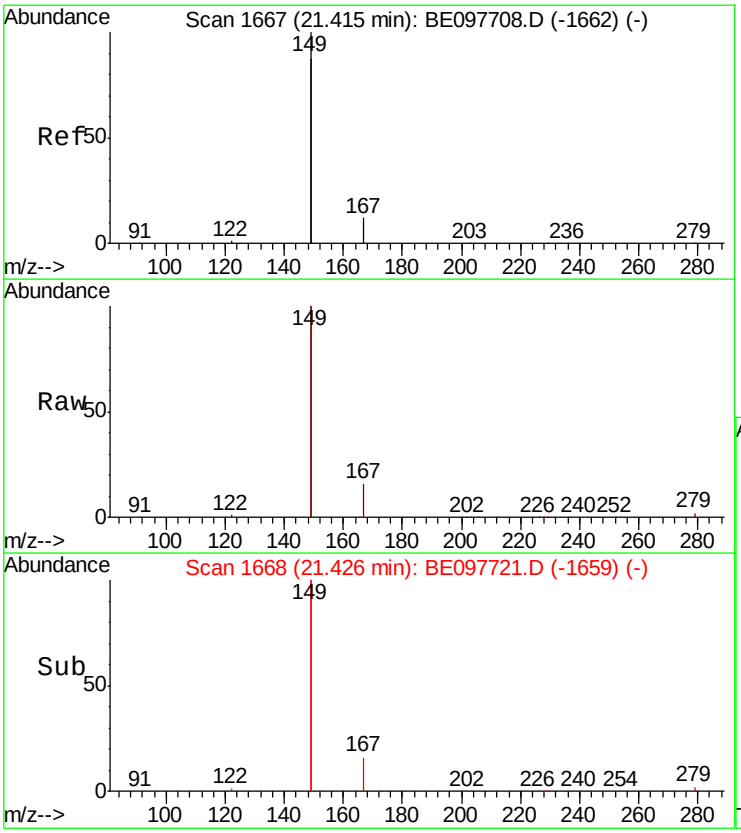
#31
Chrysene
Concen: 80.787 ng
RT: 21.55 min Scan# 1678
Delta R.T. 0.02 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:228 Resp:11299081

Ion	Ratio	Lower	Upper
228	100		
226	52.8	24.3	36.5#
229	36.2	16.0	24.0#

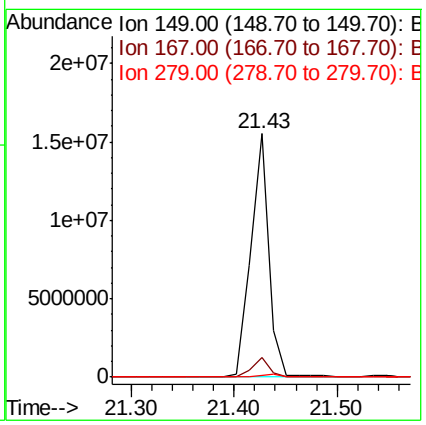


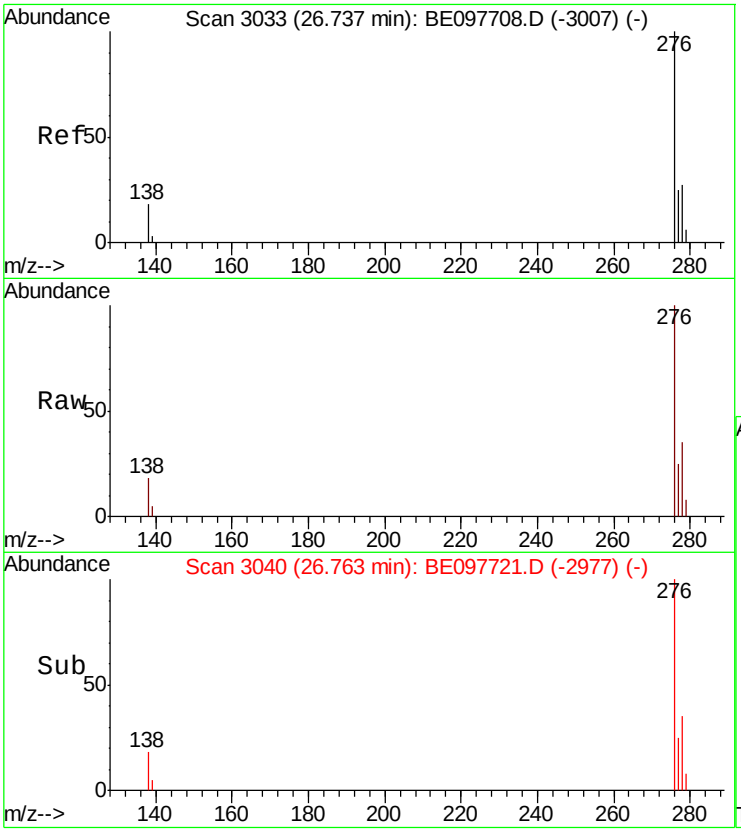


#32
Bis(2-ethylhexyl)phthalate
Concen: 208.055 ng
RT: 21.43 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:149 Resp:19039815

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.5	8.3
279	1.3	0.9	1.3



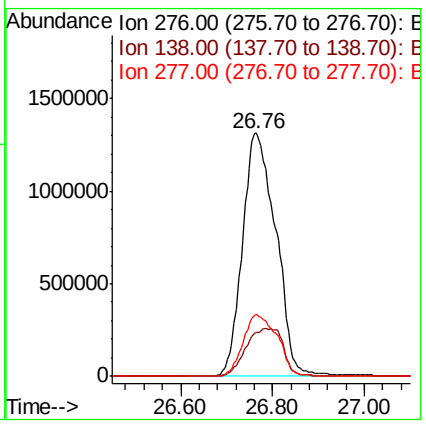


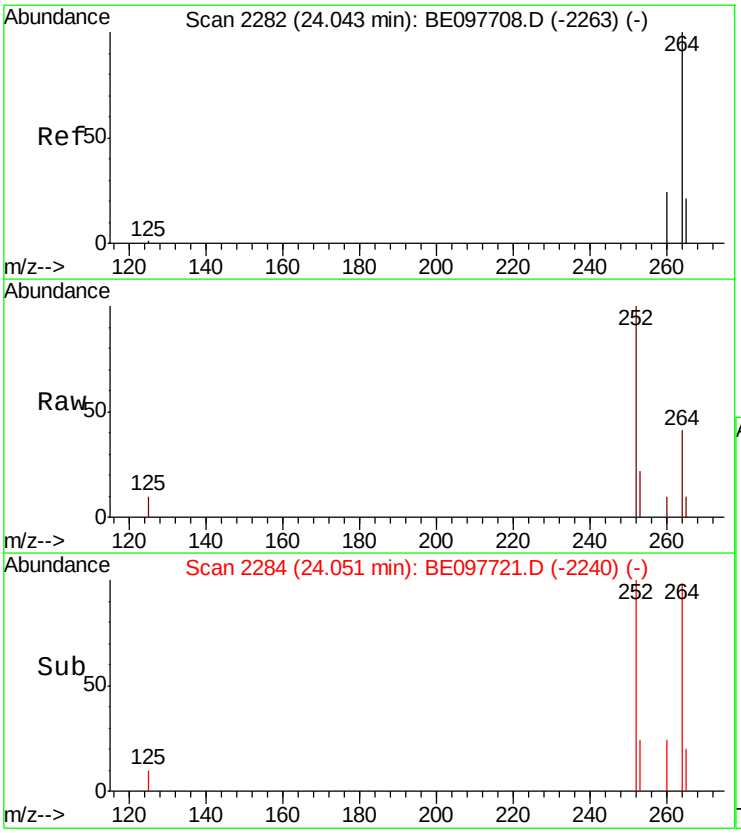
#33
Indeno(1,2,3-cd)pyrene
Concen: 54.418 ng
RT: 26.76 min Scan# 3040
Delta R.T. 0.03 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:276 Resp: 6610421

Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.0	22.6#
277	26.3	19.2	28.8

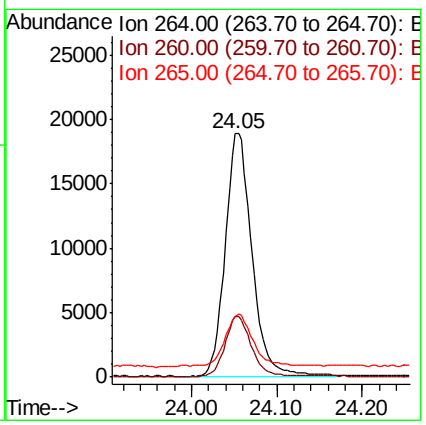


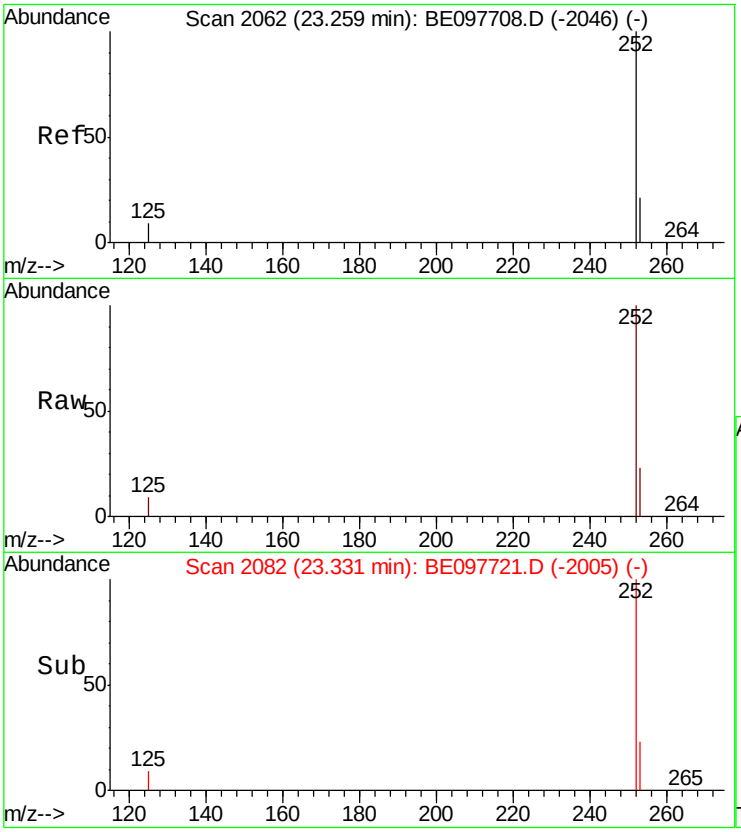


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.05 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:264 Resp: 40974

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.1	28.7
265	25.1	21.9	32.9



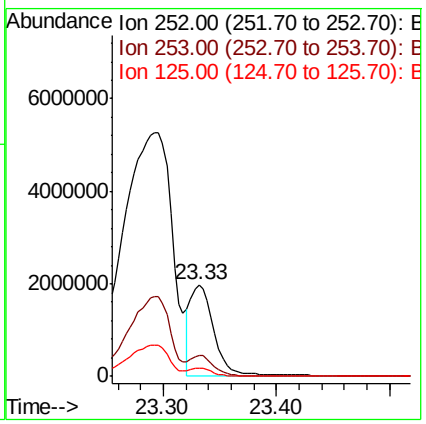


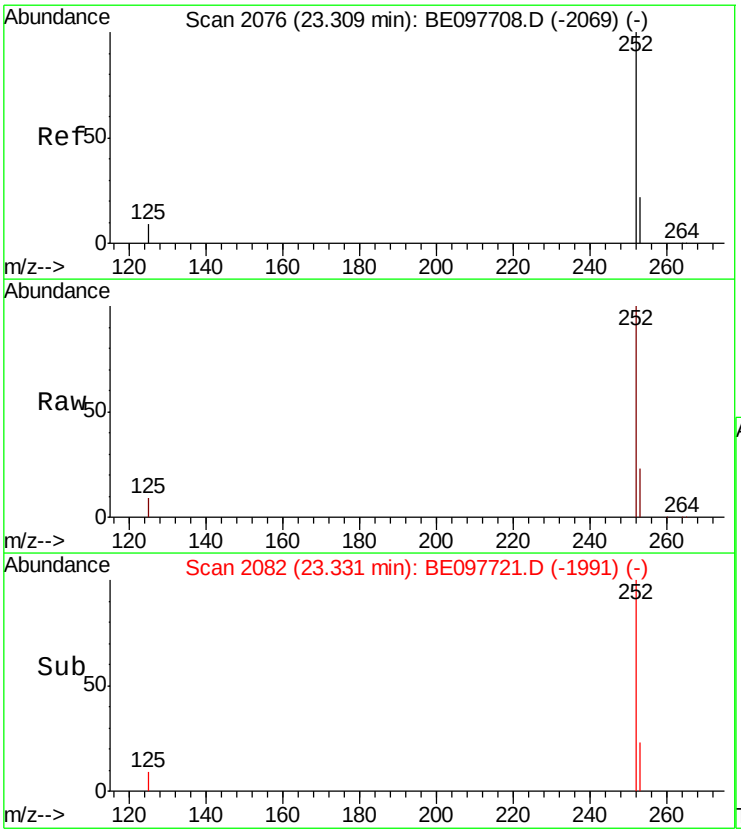
#35
Benzo(b)fluoranthene
Concen: 25.072 ng
RT: 23.33 min Scan# 2082
Delta R.T. 0.07 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:252 Resp: 2819399

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.0	7.8	11.8

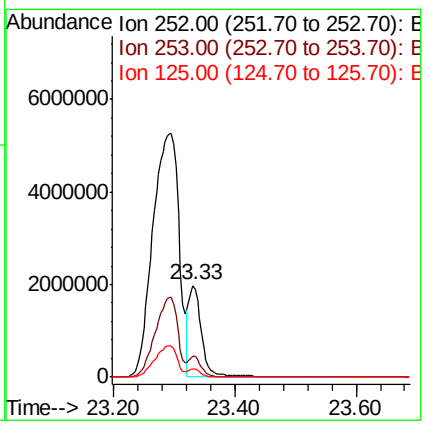


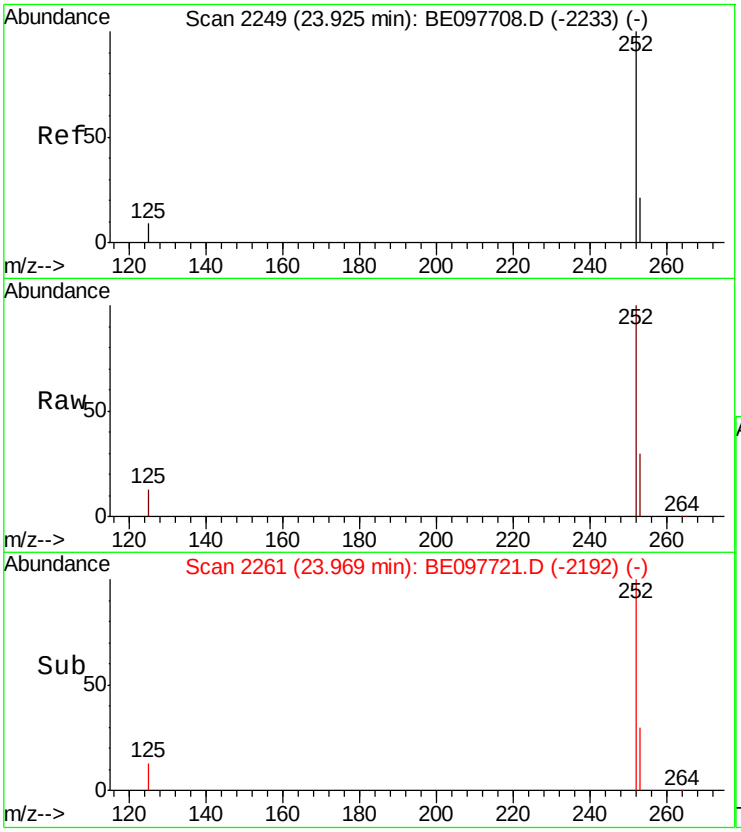


#36
Benzo(k)fluoranthene
Concen: 23.410 ng
RT: 23.33 min Scan# 2082
Delta R.T. 0.02 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:252 Resp: 2918372

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.0	7.5	11.3



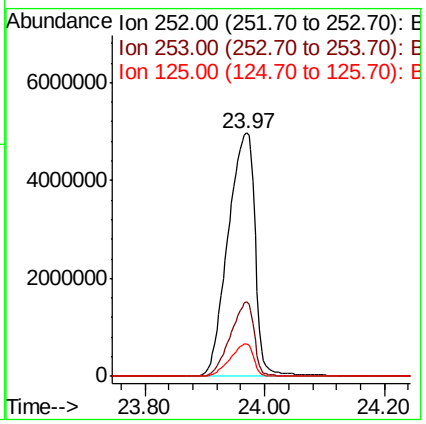


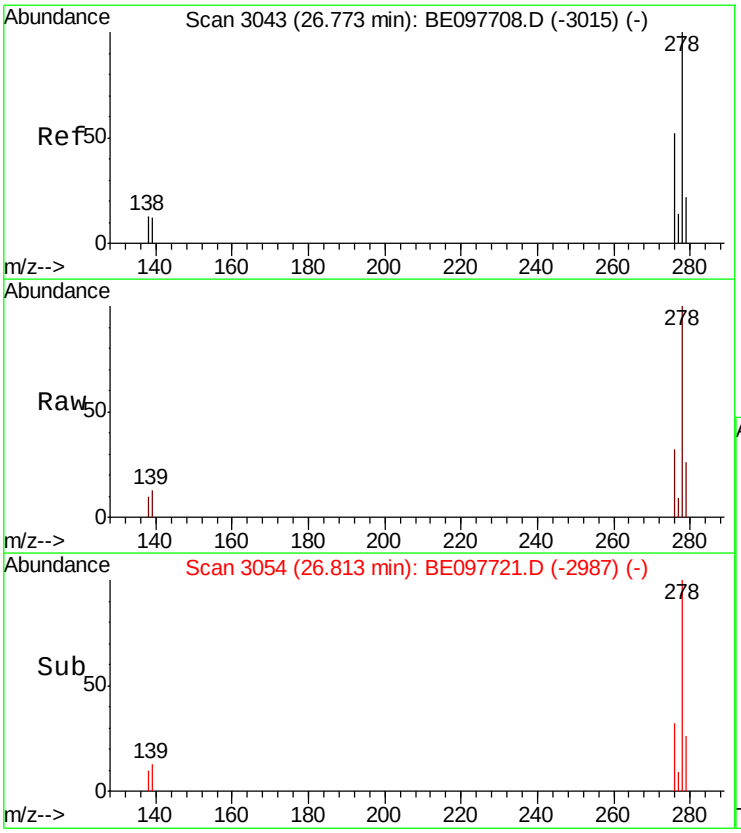
#37
Benzo(a)pyrene
Concen: 153.367 ng
RT: 23.97 min Scan# 2261
Delta R.T. 0.04 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion:252 Resp:15613140

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.7	26.5#
125	13.3	8.3	12.5#





#38
Dibenzo(a,h)anthracene
Concen: 79.103 ng
RT: 26.81 min Scan# 3054
Delta R.T. 0.04 min
Lab File: BE097721.D
Acq: 4 Oct 2018 9:44

Tgt Ion:278 Resp: 7931886

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.3	15.5
279	25.7	18.4	27.6