Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
Data File : BE097722.D
Acq On : 4 Oct 2018 11:43
Operator : SJ/JU
Sample : J4870-05DL 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PT-BN-WPDL

Quant Time: Oct 05 06:49:40 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	7.91	152	4629	0.40	ng	0.01
7) Naphthalene-d8	10.72	136	17123	0.40	ng	0.03
13) Acenaphthene-d10	14.57	164	10222	0.40	ng	0.01
19) Phenanthrene-d10	17.32	188	27488	0.40	ng	0.01
27) Chrysene-d12	21.49	240	39786	0.40	ng	0.00
34) Perylene-d12	24.05	264	36224	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.48	112	51282	4.68	ng	0.01
5) Phenol-d6	7.06	99	82215	4.90	ng	0.01
8) Nitrobenzene-d5	9.05	82	26512	4.77	ng	0.01
11) 2-Methylnaphthalene-d10	12.31	152	22	0.00	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	9666	5.22	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	139649	3.10	ng	0.00
25) Fluoranthene-d10	19.34	212	168	0.00	ng	0.00
29) Terphenyl-d14	19.94	244	275230	3.39	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.70	42	21896	2.610	ng	# 85
9) Naphthalene	10.76	128	997365	5.780	ng	100
16) Acenaphthylene	14.28	152	185597	4.100	ng	99
17) Acenaphthene	14.63	154	110071	3.796	ng	97
18) Fluorene	15.60	166	234383	6.088	ng	100
21) Hexachlorobenzene	16.62	284	28873	1.780	ng	99
23) Phenanthrene	17.35	178	493249	6.963	ng	100
28) Pyrene	19.73	202	394037	3.898	ng	100
30) Benzo(a)anthracene	21.47	228	476122	4.451	ng	98
31) Chrysene	21.53	228	666526	5.574	ng	98
32) Bis(2-ethylhexyl)phthalate	21.43	149	303865	3.884	ng	100
33) Indeno(1,2,3-cd)pyrene	26.75	276	199887	1.925	ng	96
35) Benzo(b)fluoranthene	23.26	252	716721	7.209	ng	99
36) Benzo(k)fluoranthene	23.32	252	110132	0.999	ng	99
37) Benzo(a)pyrene	23.93	252	689672	7.663	ng	99
38) Dibenzo(a,h)anthracene	26.78	278	253698	2.862	ng	98

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

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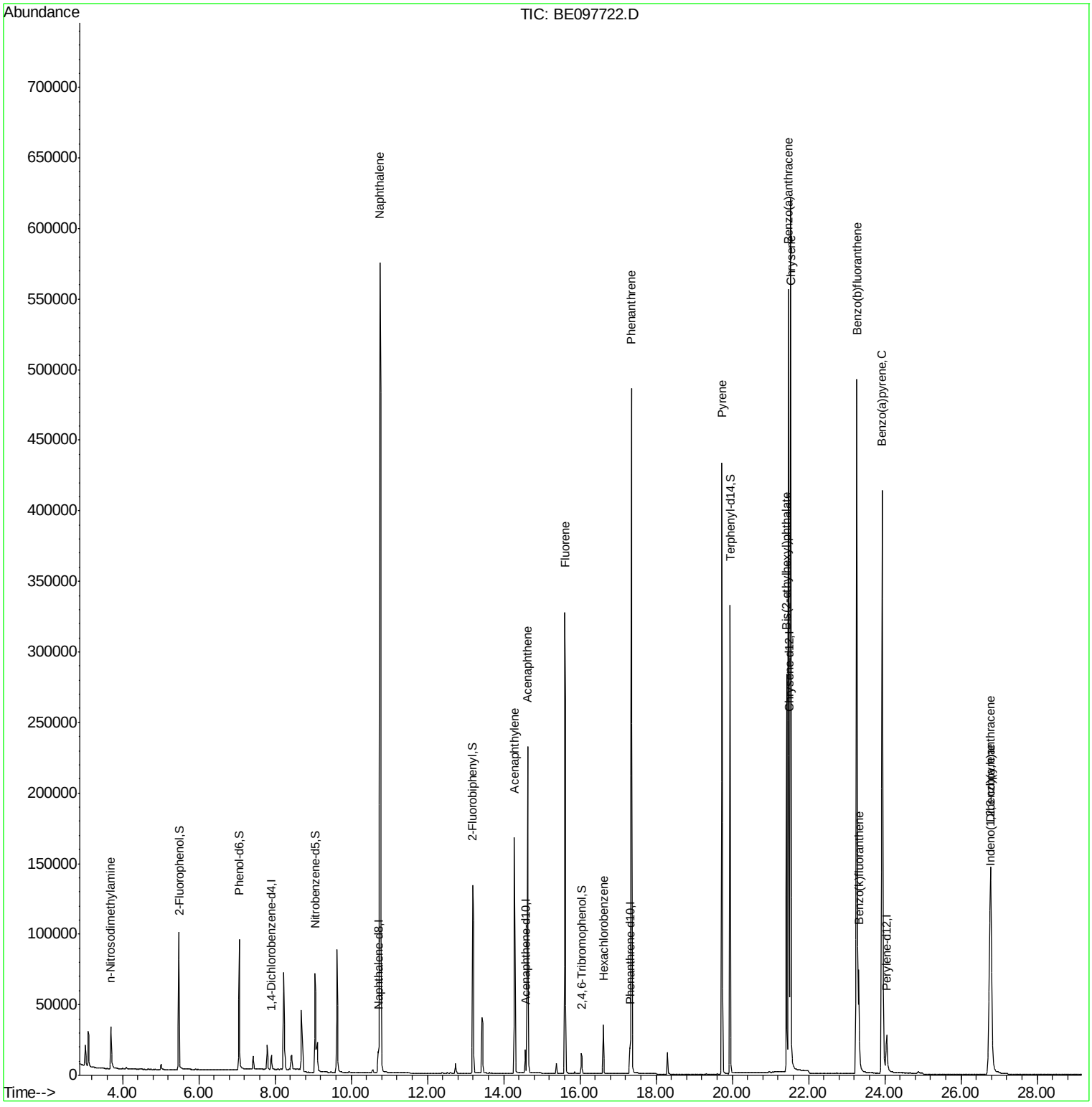
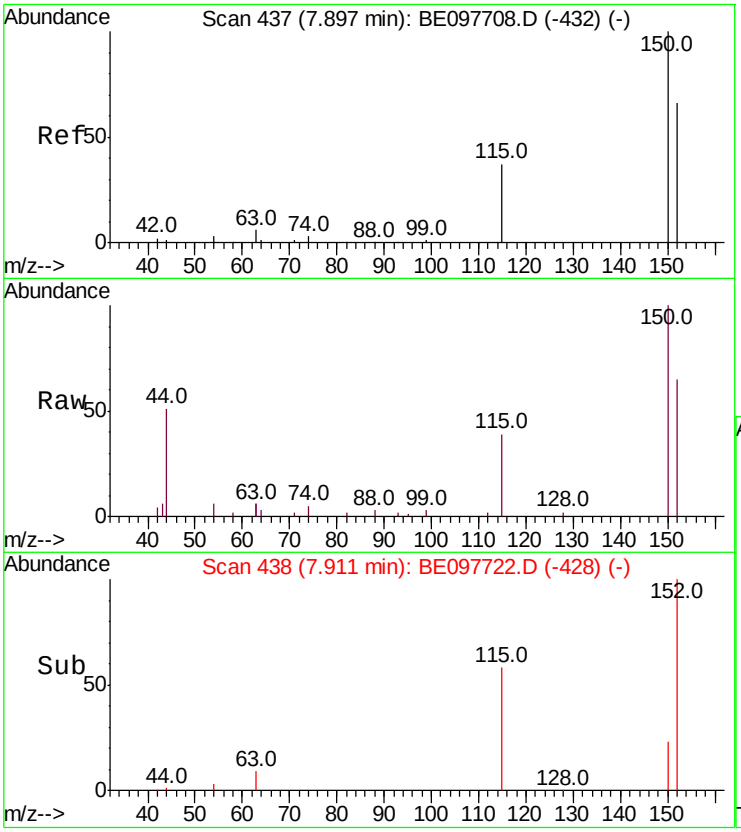


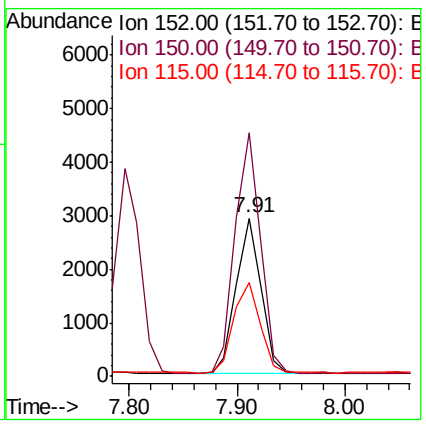


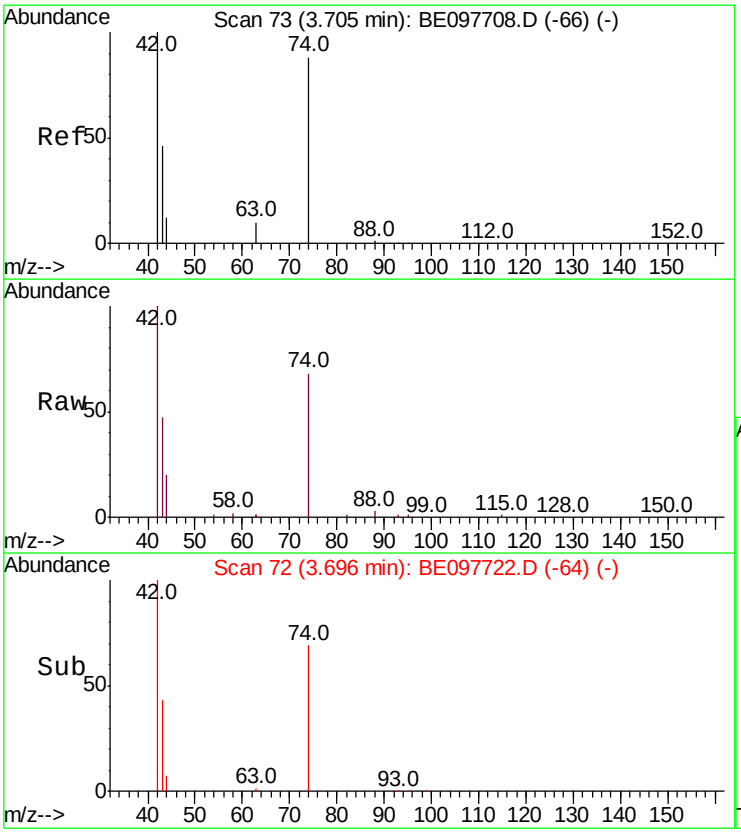
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 438
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 4629

Ion	Ratio	Lower	Upper
152	100		
150	154.0	120.9	181.3
115	59.4	46.6	69.8

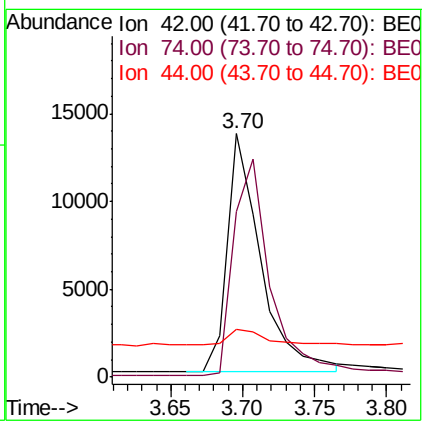


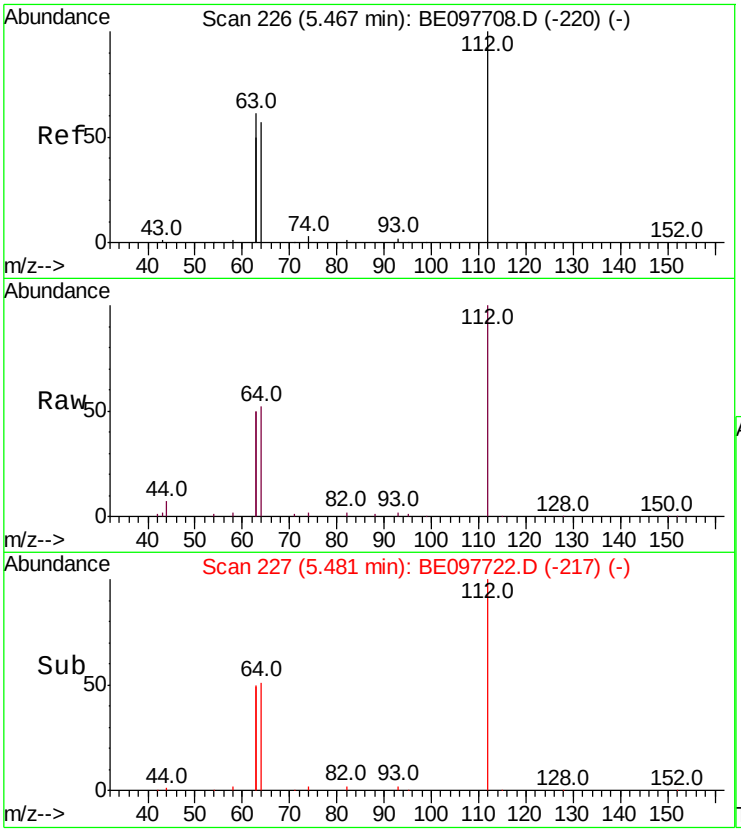


#3
n-Nitrosodimethylamine
Concen: 2.610 ng
RT: 3.70 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion: 42 Resp: 21896

Ion	Ratio	Lower	Upper
42	100		
74	100.1	70.7	106.1
44	7.7	15.0	22.4#



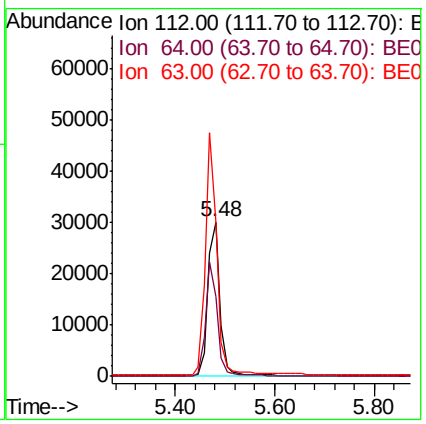


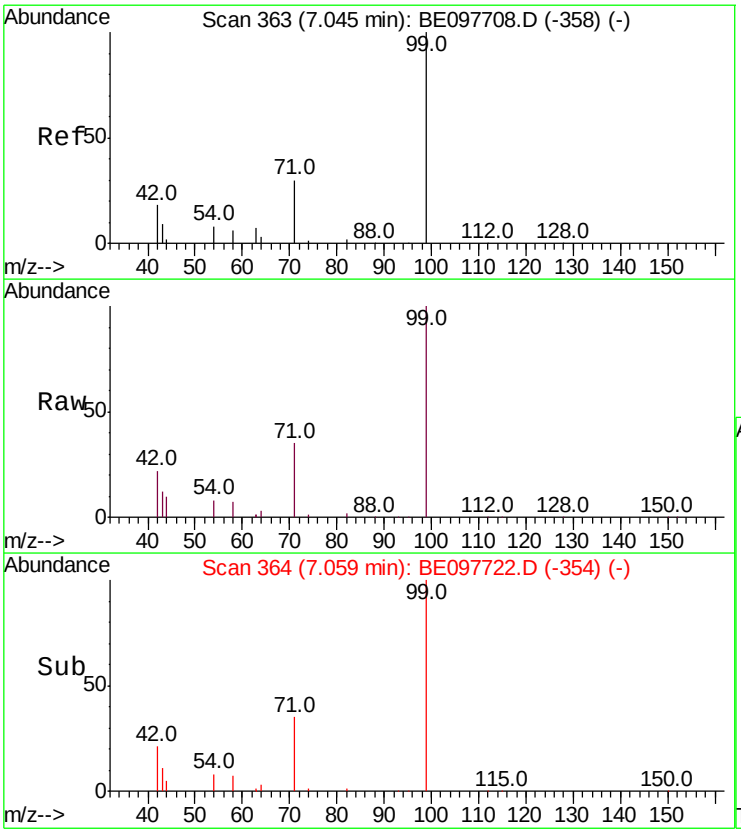
#4
2-Fluorophenol
Concen: 4.683 ng
RT: 5.48 min Scan# 227
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:112 Resp: 51282

Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.6	84.8
63	145.9	119.4	179.0

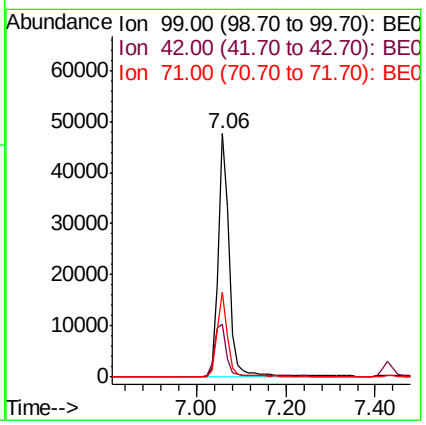


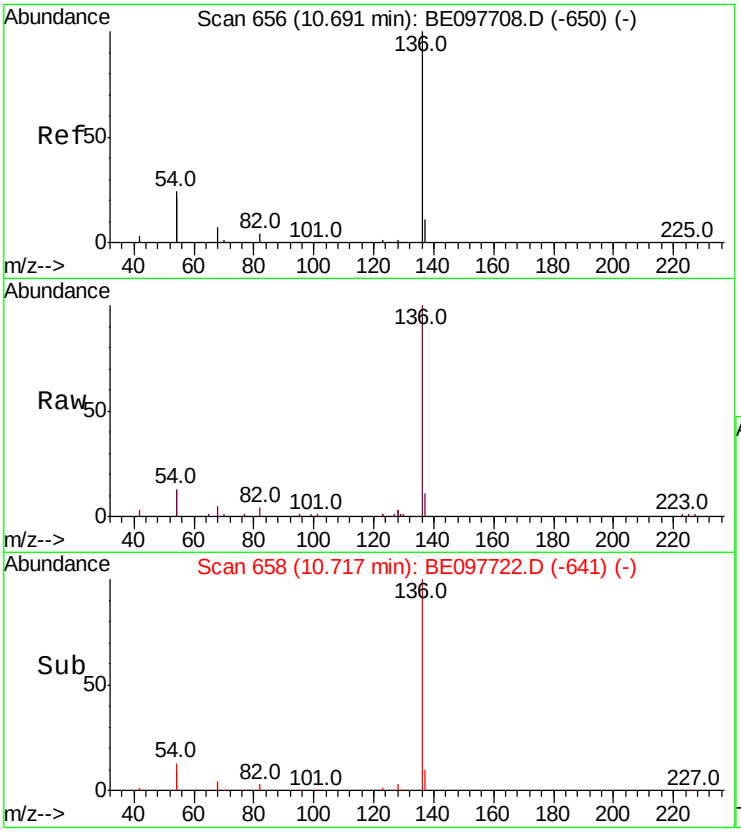


#5
Phenol-d6
Concen: 4.898 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion: 99 Resp: 82215

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.9	29.9
71	32.7	25.4	38.2



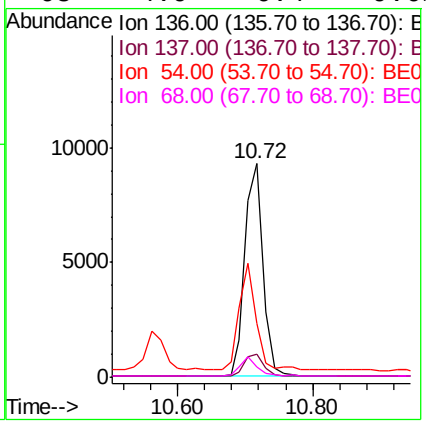


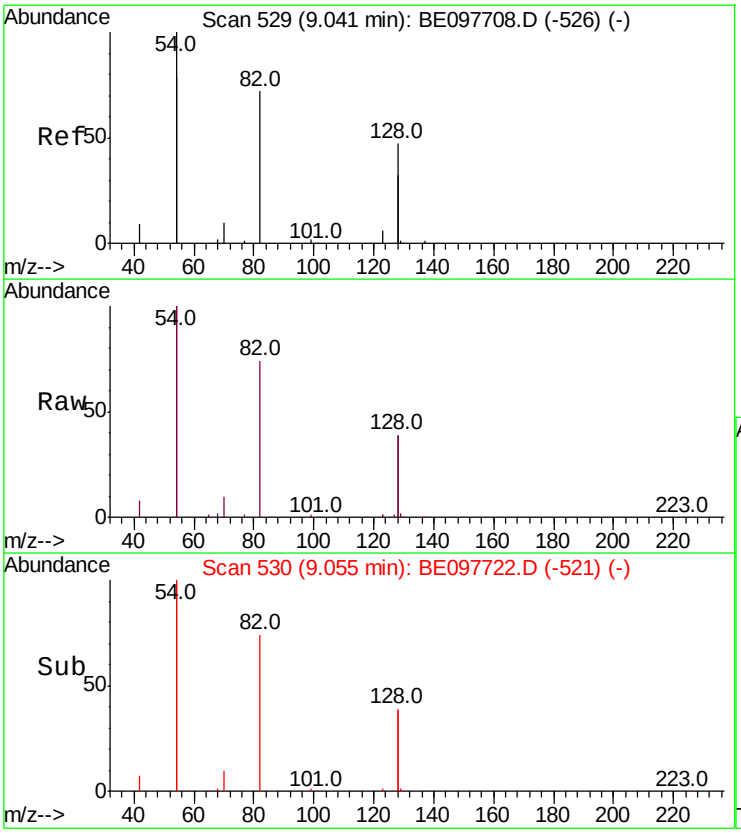
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.03 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:136 Resp: 17123

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	25.2	37.8	56.6#
68	4.9	6.4	9.6#

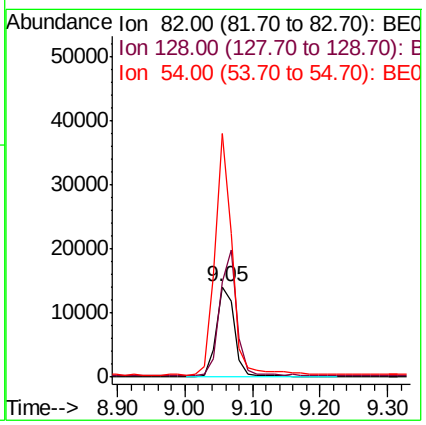


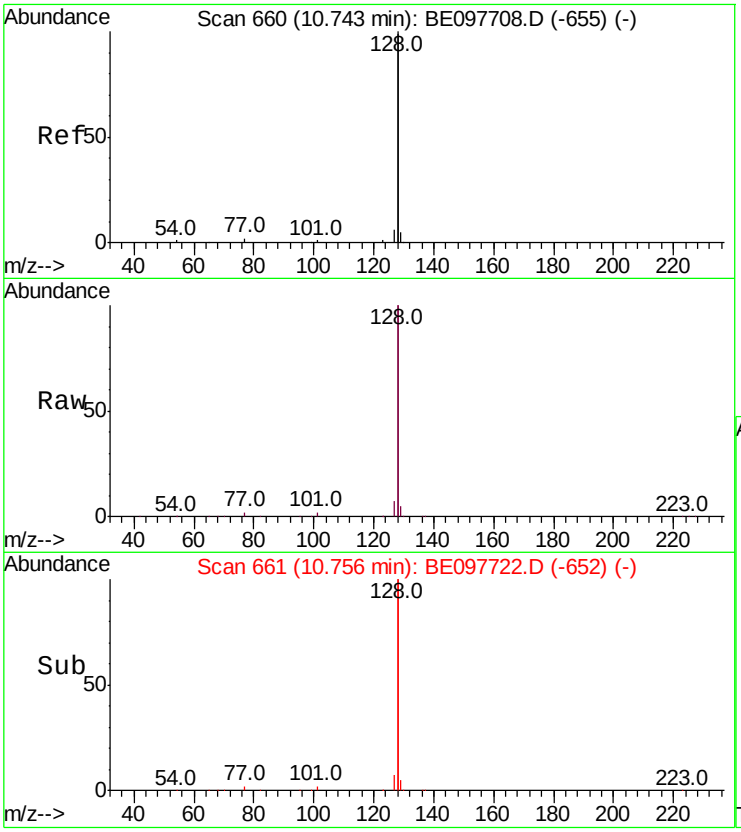


#8
Nitrobenzene-d5
Concen: 4.769 ng
RT: 9.05 min Scan# 530
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion: 82 Resp: 26512

Ion	Ratio	Lower	Upper
82	100		
128	105.1	97.0	145.4
54	269.2	206.9	310.3

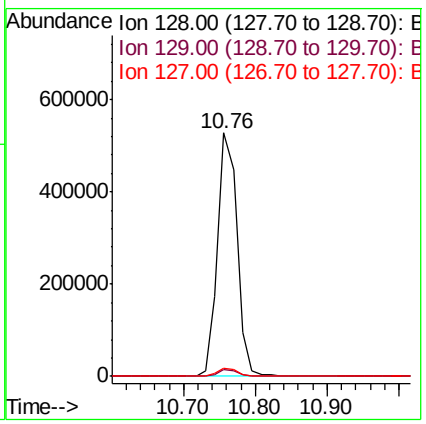




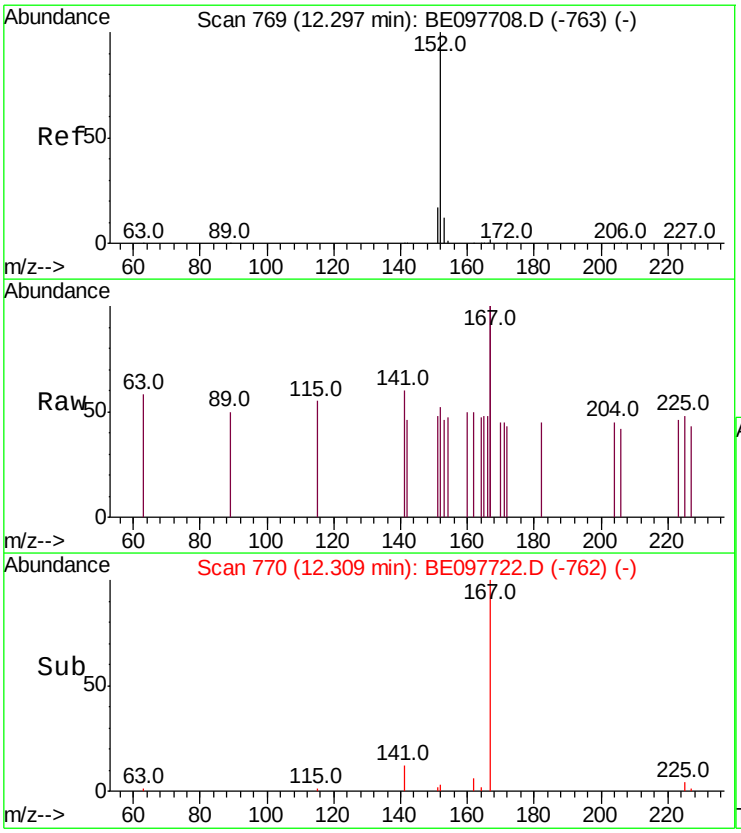
#9
Naphthalene
Concen: 5.780 ng
RT: 10.76 min Scan# 661
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:128 Resp: 997365

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



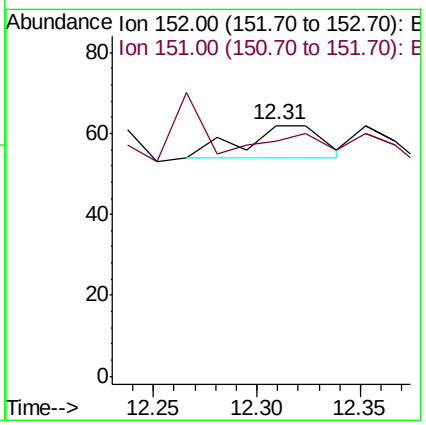
Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

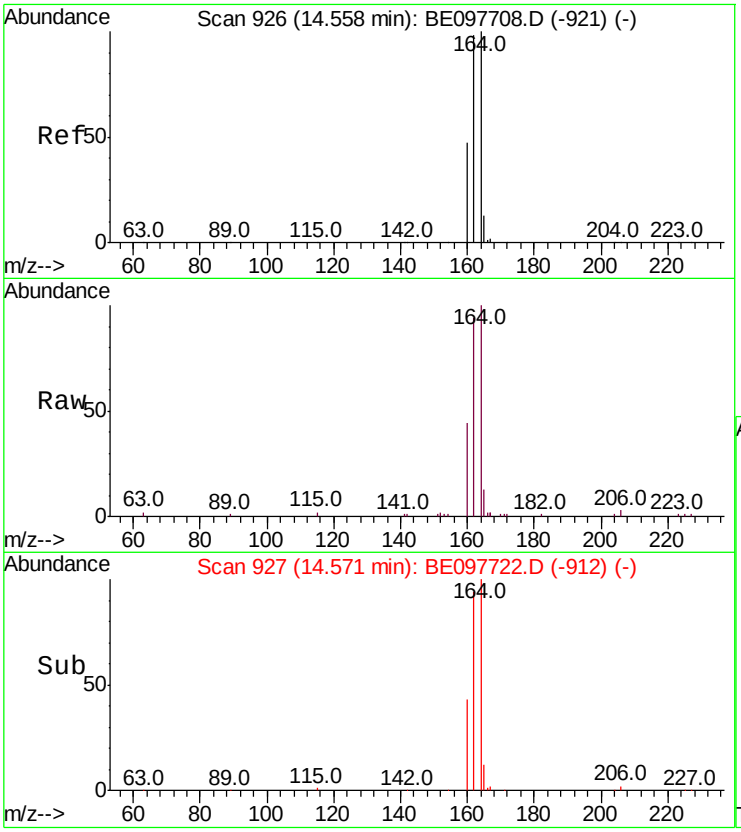


#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:152 Resp: 22

Ion	Ratio	Lower	Upper
152	100		
151	81.8	15.4	23.2#



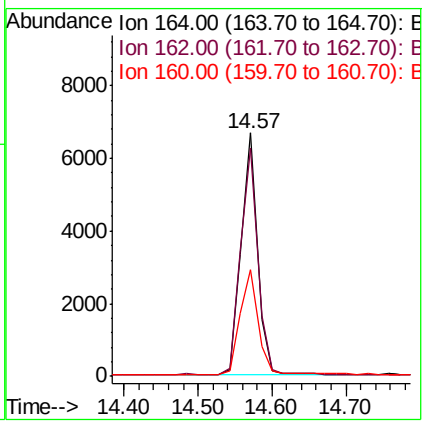


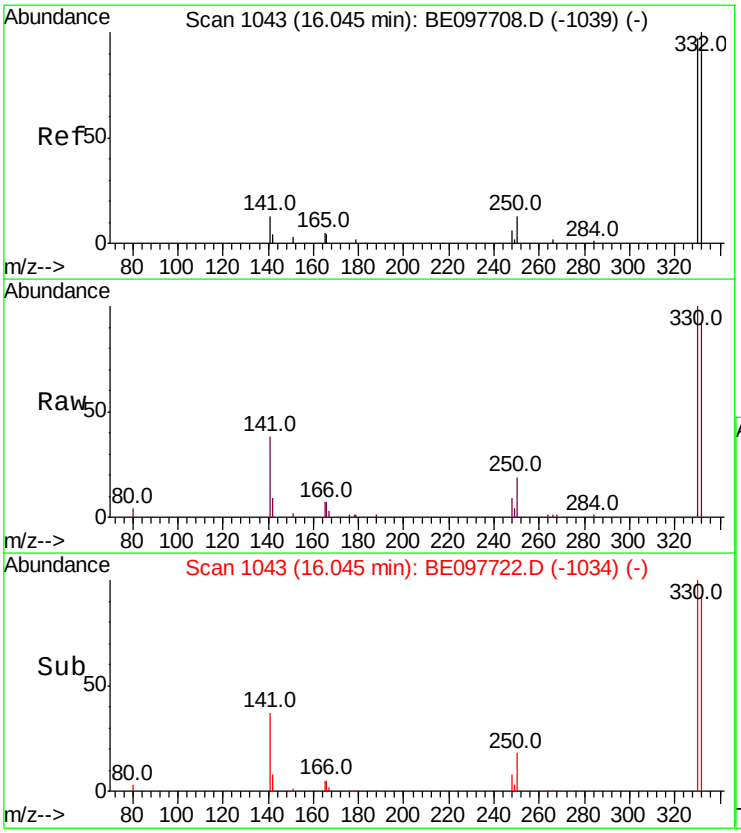
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:164 Resp: 10222

Ion	Ratio	Lower	Upper
164	100		
162	93.7	78.6	117.8
160	43.6	37.8	56.6

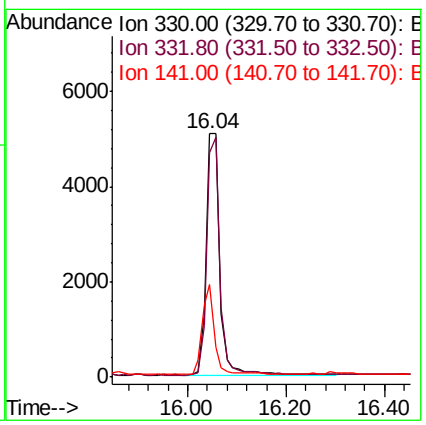


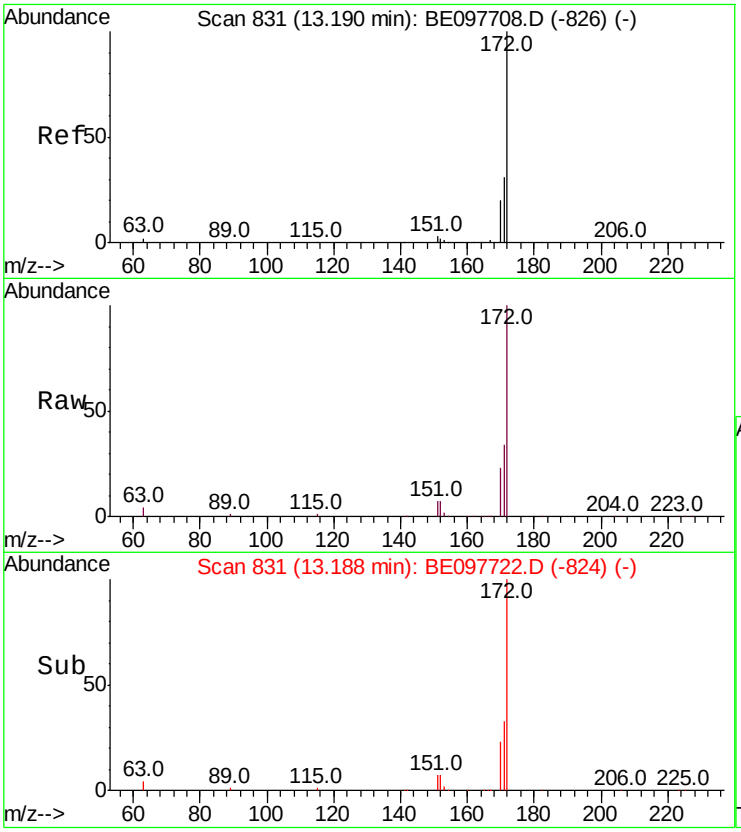


#14
2,4,6-Tribromophenol
Concen: 5.217 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:330 Resp: 9666

Ion	Ratio	Lower	Upper
330	100		
332	95.2	83.5	125.3
141	33.0	34.9	52.3#



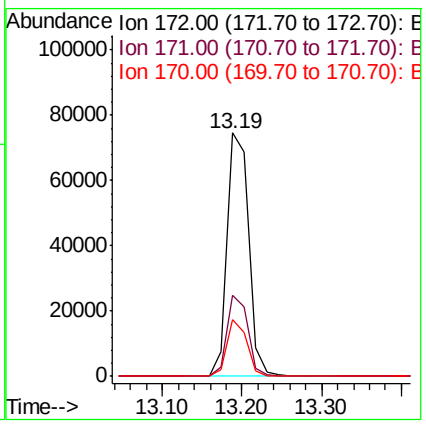


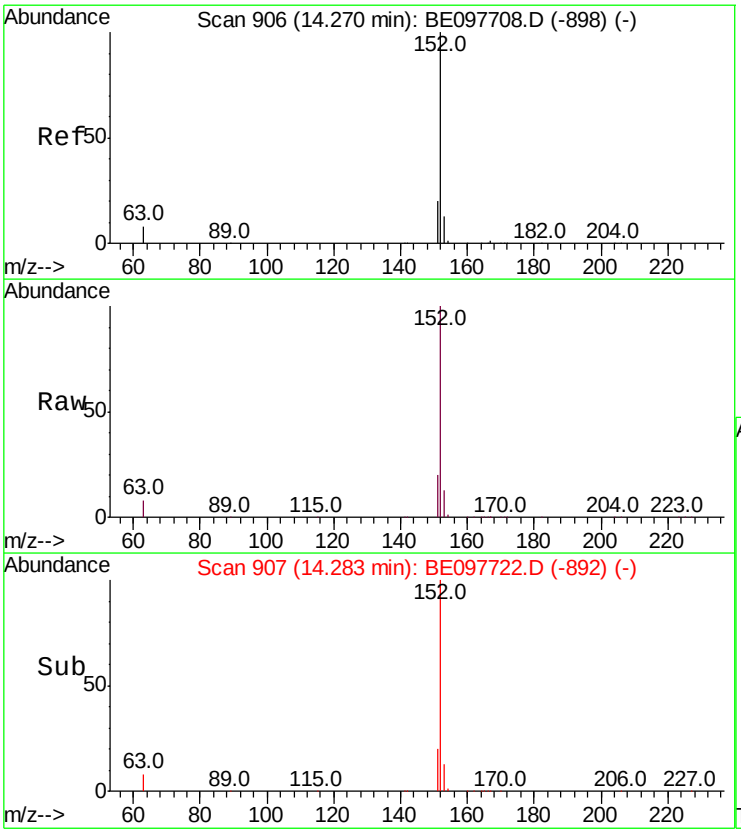
#15
2-Fluorobiphenyl
Concen: 3.103 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:172 Resp: 139649

Ion	Ratio	Lower	Upper
172	100		
171	33.5	25.2	37.8
170	23.2	16.2	24.2

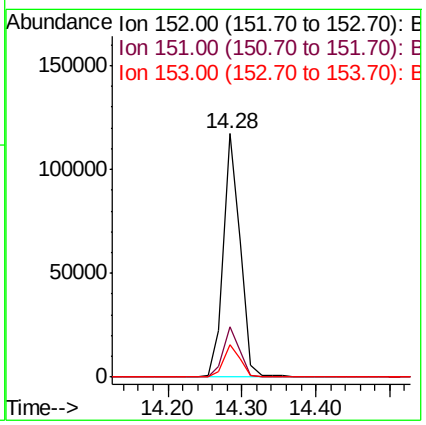


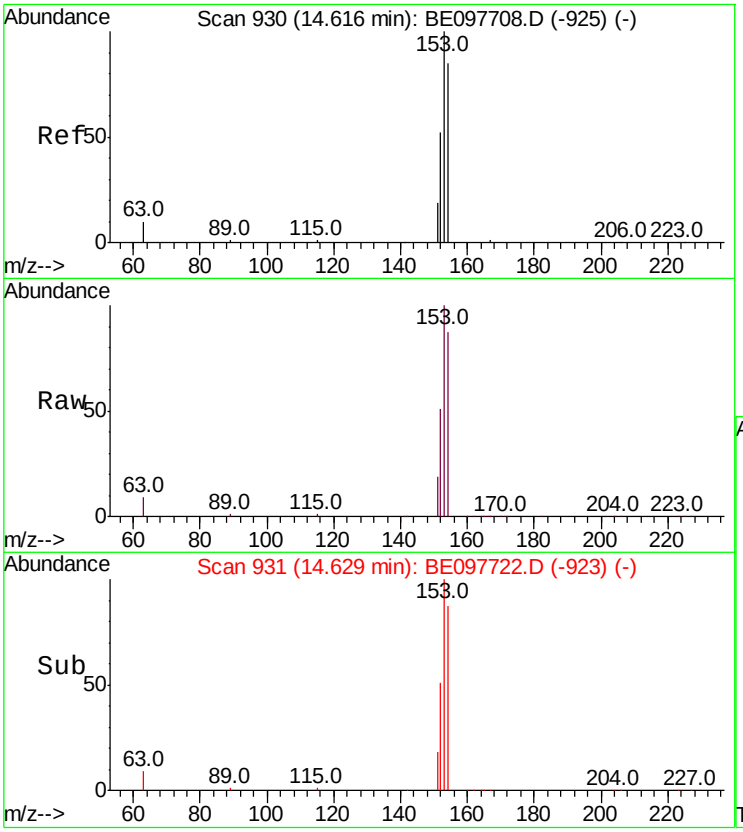


#16
Acenaphthylene
Concen: 4.100 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:152 Resp: 185597

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.3	22.9
153	13.3	10.8	16.2



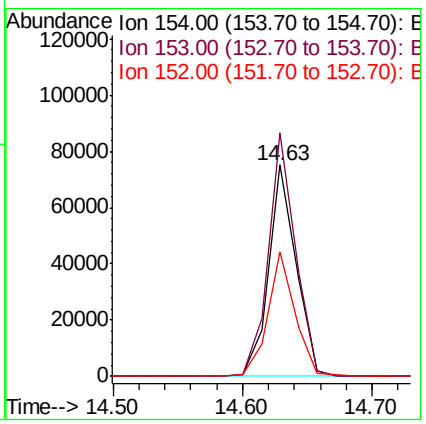


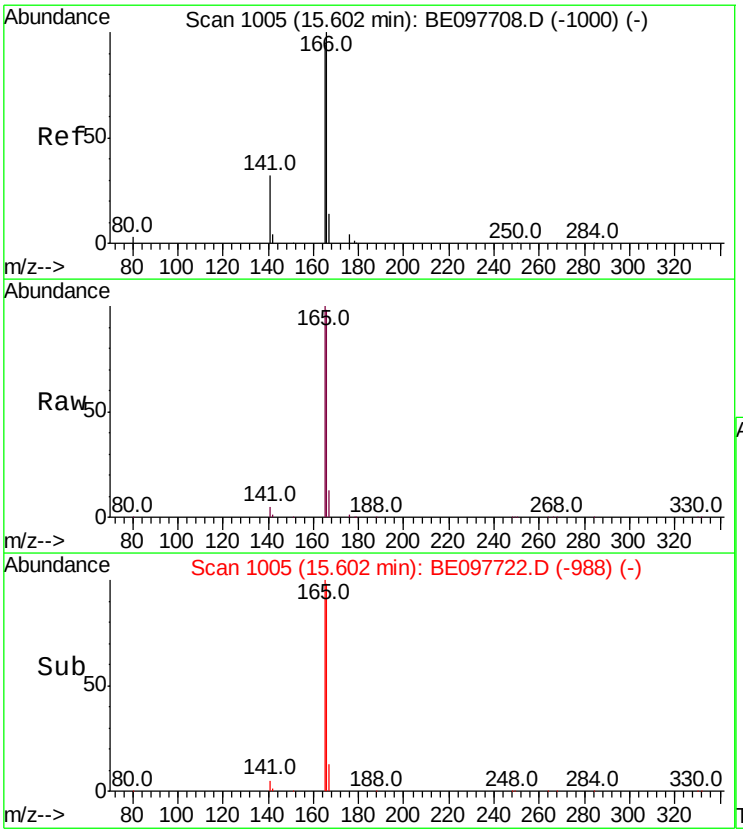
#17
Acenaphthene
Concen: 3.796 ng
RT: 14.63 min Scan# 931
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:154 Resp: 110071

Ion	Ratio	Lower	Upper
154	100		
153	114.4	93.3	139.9
152	57.9	48.9	73.3

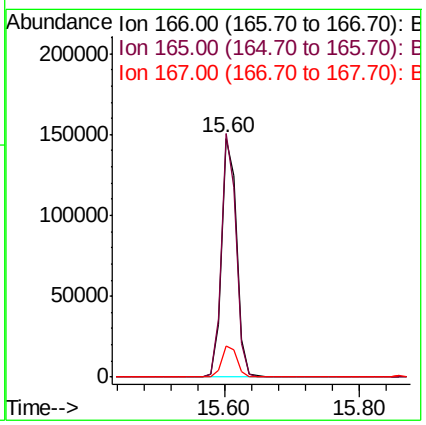


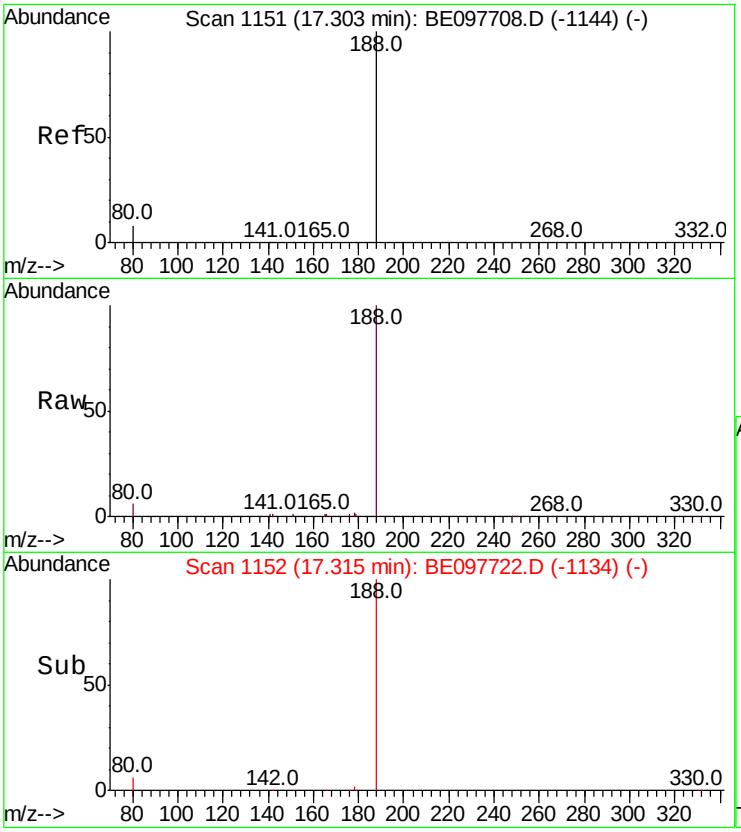


#18
Fluorene
Concen: 6.088 ng
RT: 15.60 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:166 Resp: 234383

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	13.4	11.1	16.7



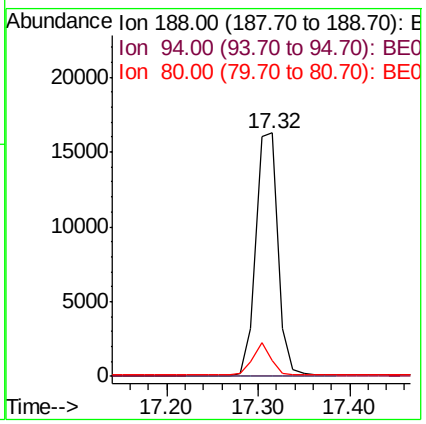


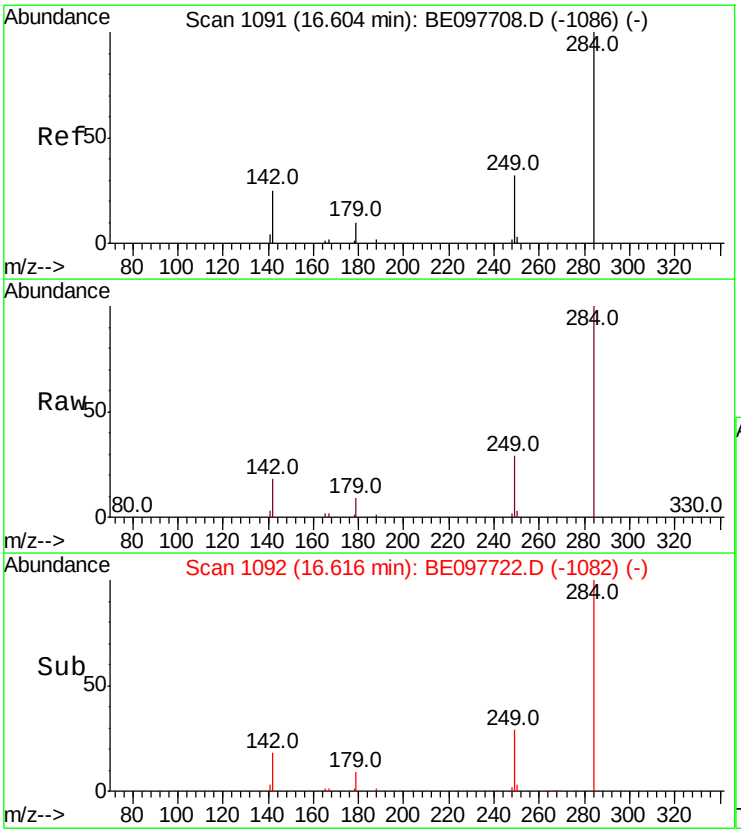
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.32 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:188 Resp: 27488

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	6.6	9.8#

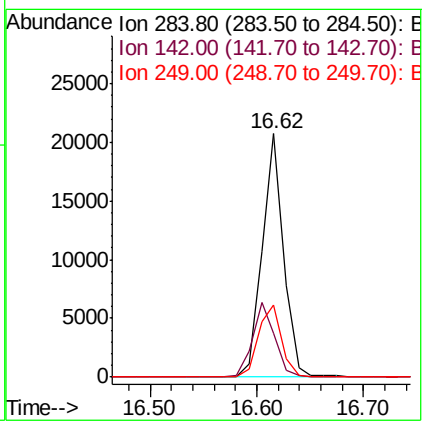


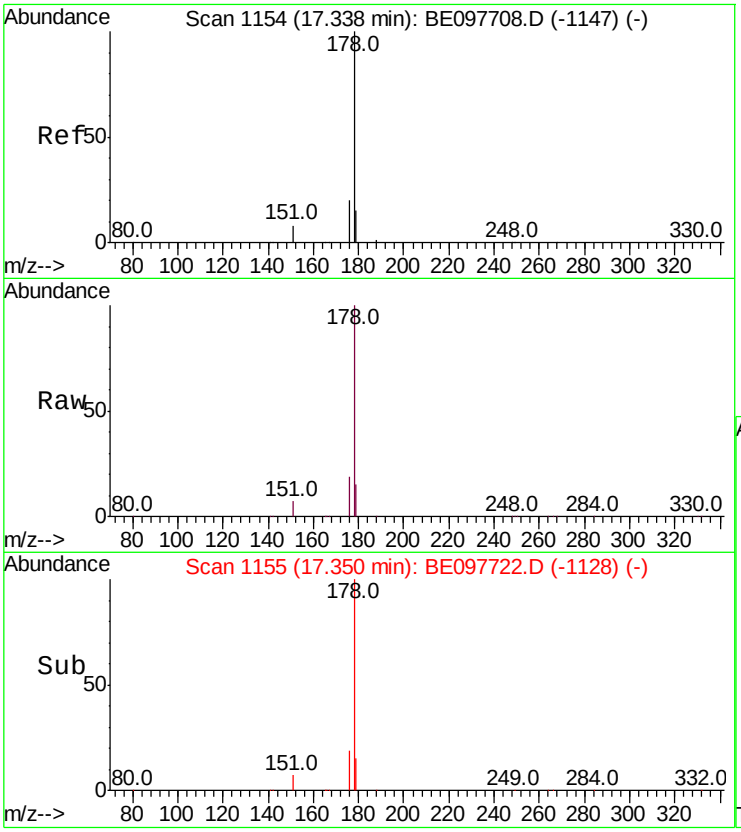


#21
Hexachlorobenzene
Concen: 1.780 ng
RT: 16.62 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:284 Resp: 28873

Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.9	37.3
249	31.7	25.8	38.8



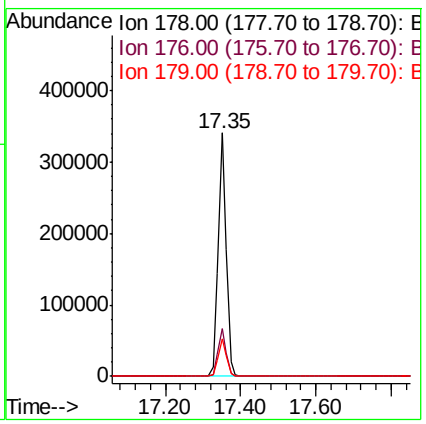


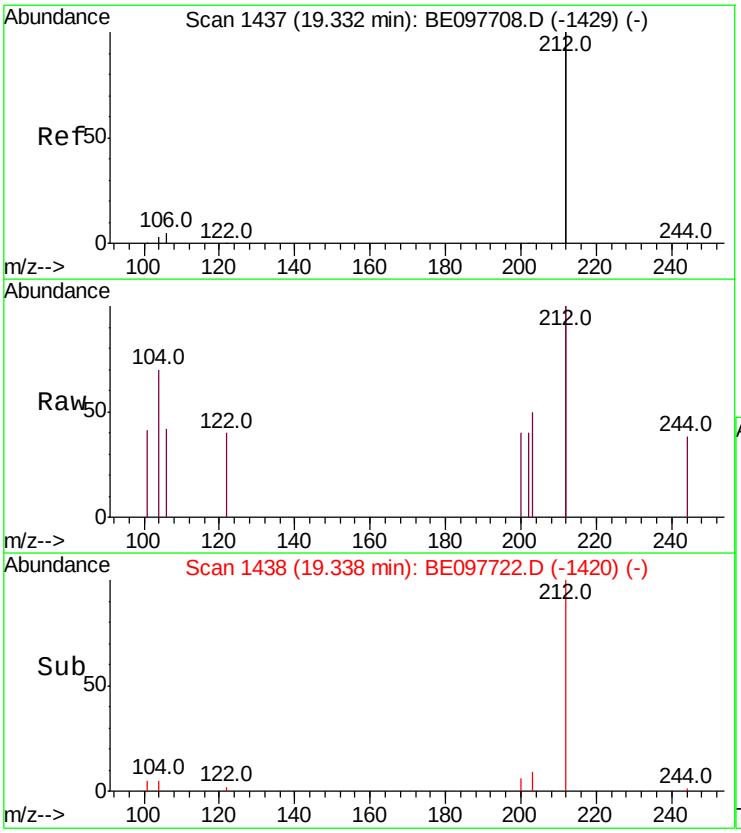
#23
Phenanthrene
Concen: 6.963 ng
RT: 17.35 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:178 Resp: 493249

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.2	18.4

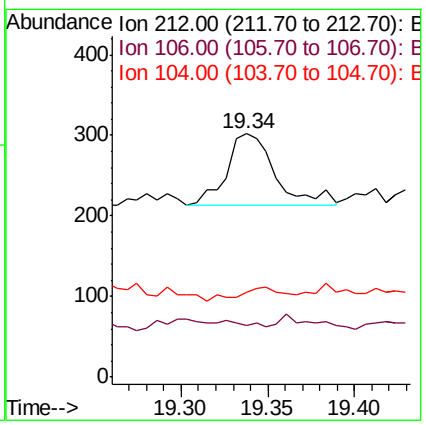


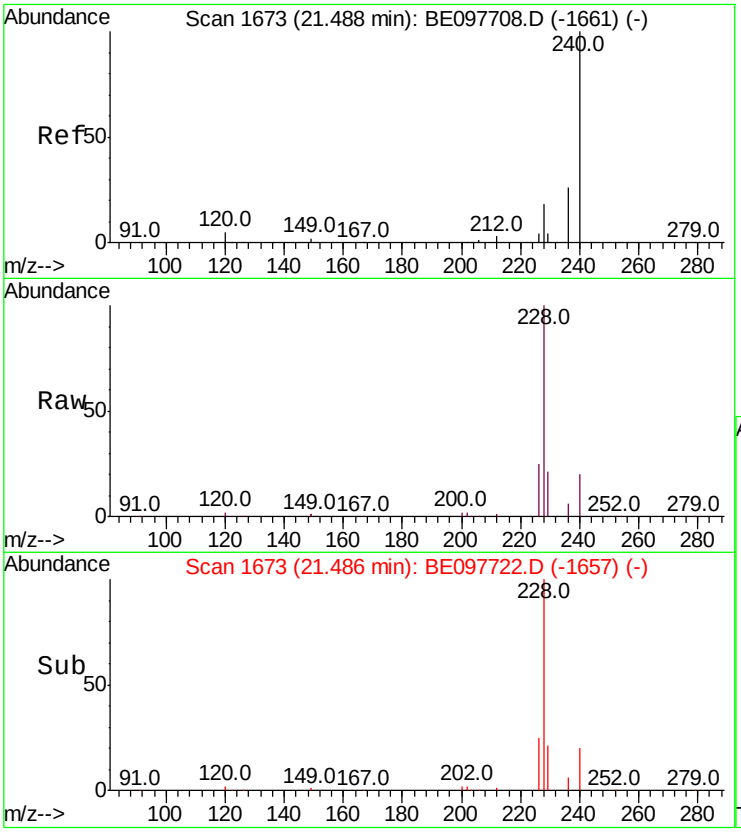


#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:212 Resp: 168

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



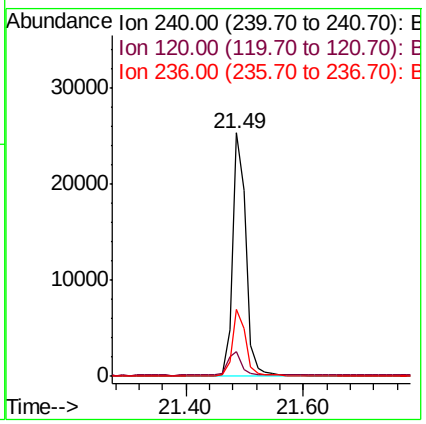


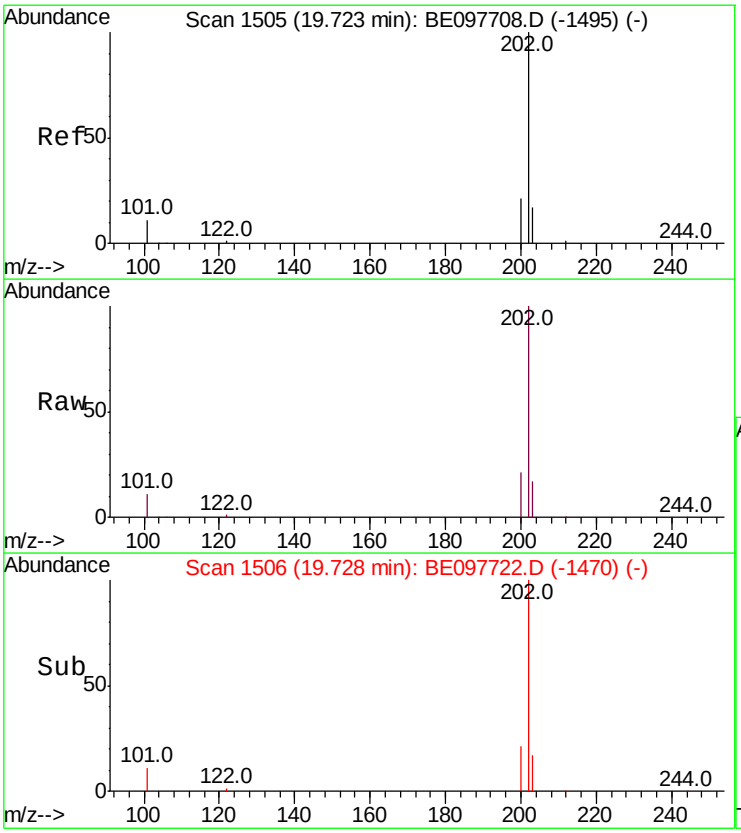
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:240 Resp: 39786

Ion	Ratio	Lower	Upper
240	100		
120	10.1	4.7	7.1#
236	27.5	20.8	31.2

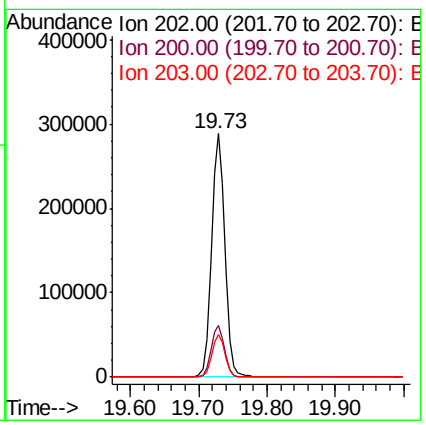


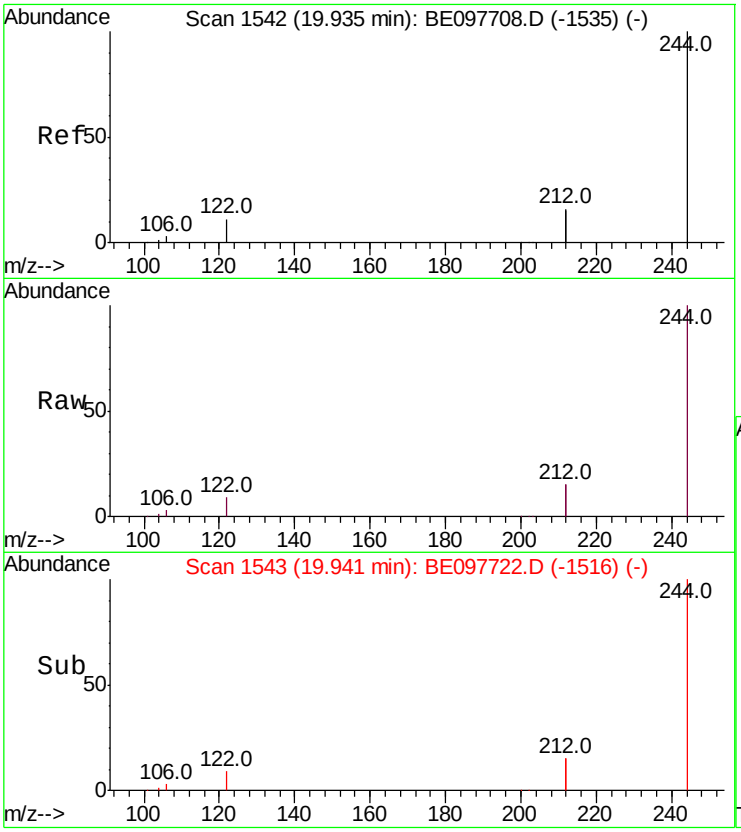


#28
Pyrene
Concen: 3.898 ng
RT: 19.73 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:202 Resp: 394037

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.4	13.9	20.9



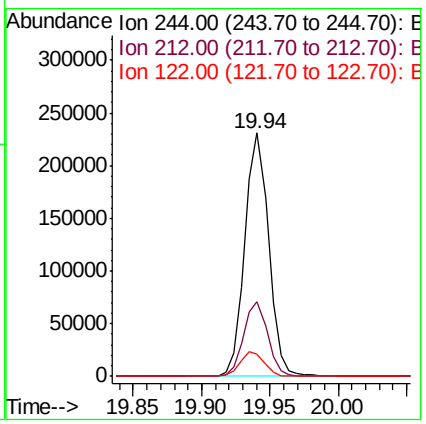


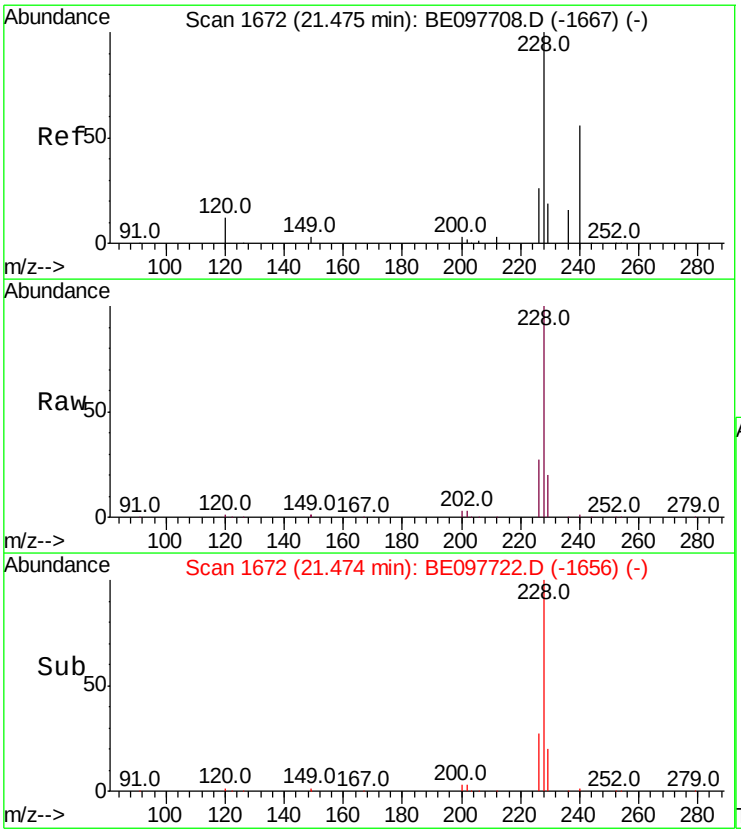
#29
Terphenyl-d14
Concen: 3.388 ng
RT: 19.94 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:244 Resp: 275230

Ion	Ratio	Lower	Upper
244	100		
212	30.4	25.8	38.8
122	9.1	8.7	13.1

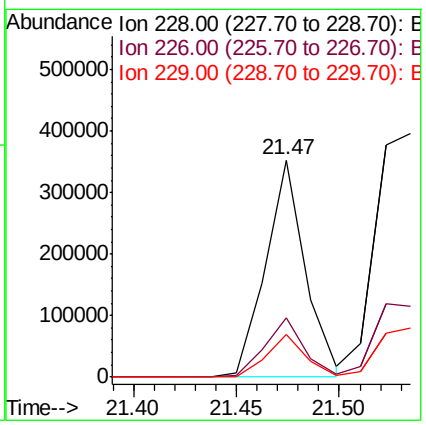


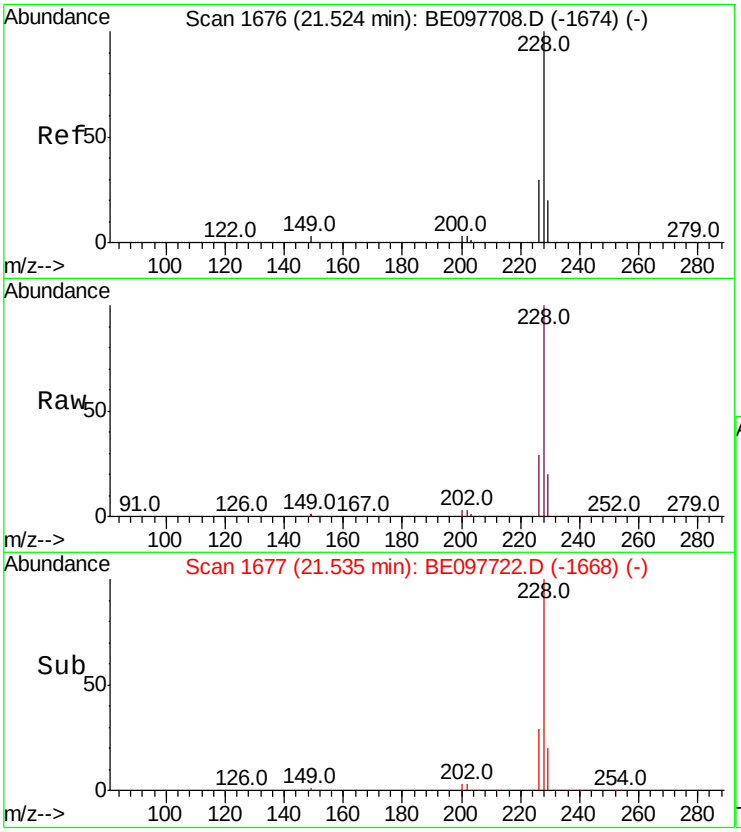


#30
Benzo(a)anthracene
Concen: 4.451 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:228 Resp: 476122

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.7	31.1
229	19.9	15.7	23.5



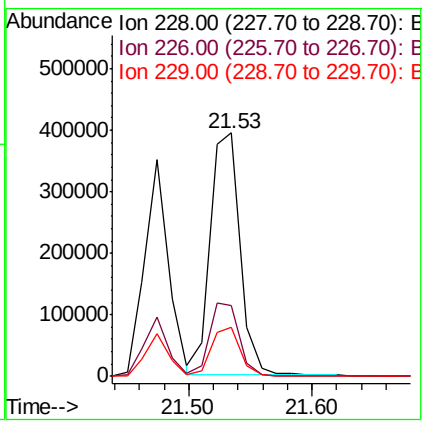


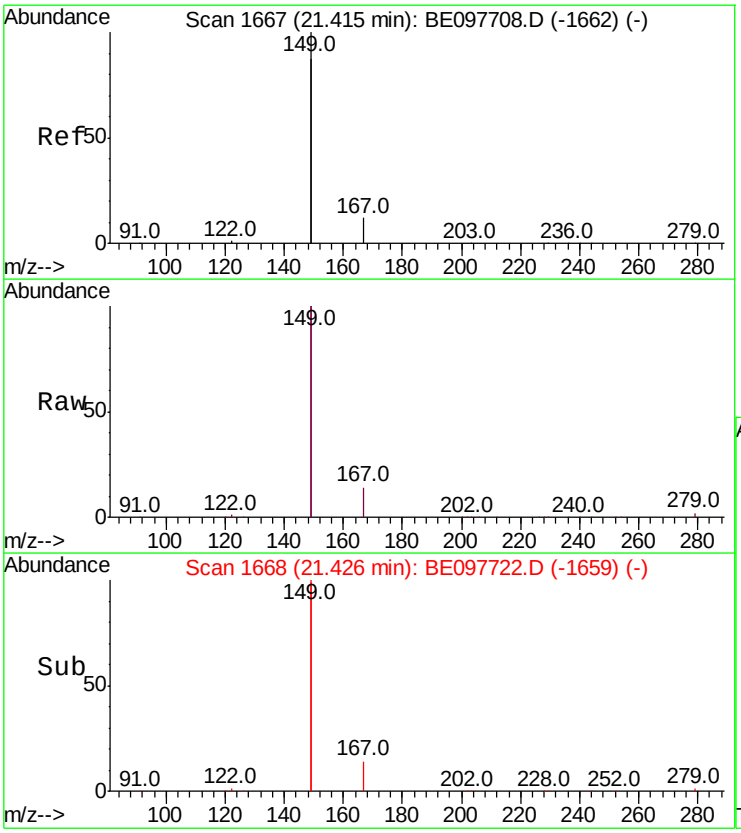
#31
Chrysene
Concen: 5.574 ng
RT: 21.53 min Scan# 1677
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:228 Resp: 666526

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.3	36.5
229	20.3	16.0	24.0

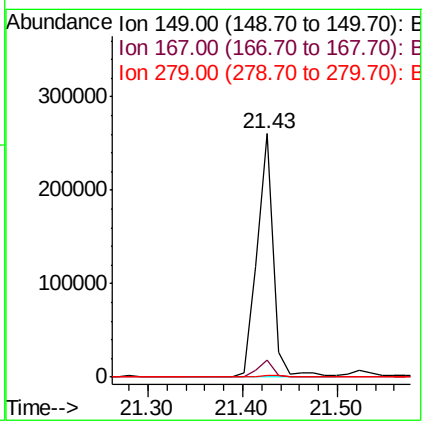


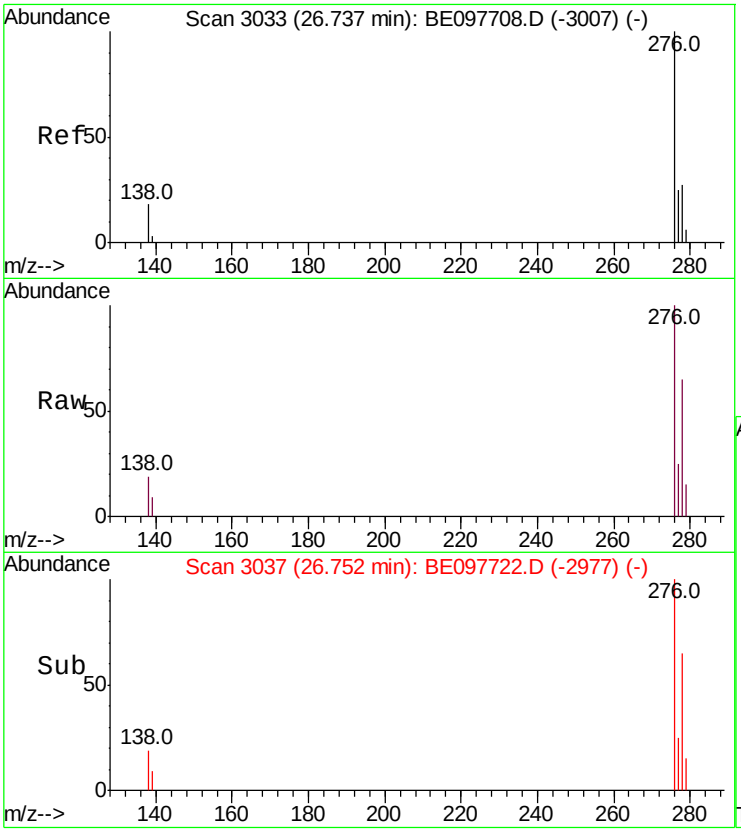


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.884 ng
RT: 21.43 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:149 Resp: 303865

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.5	8.3
279	1.0	0.9	1.3



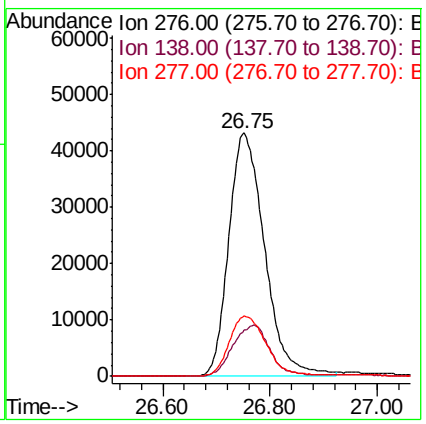


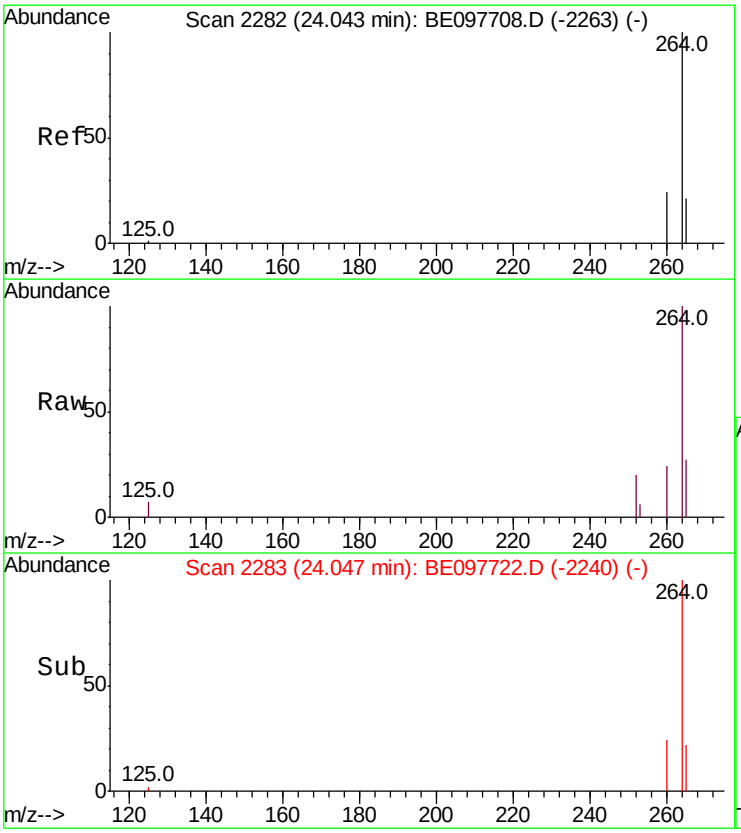
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.925 ng
RT: 26.75 min Scan# 3037
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 199887

Ion	Ratio	Lower	Upper
276	100		
138	21.7	15.0	22.6
277	25.4	19.2	28.8

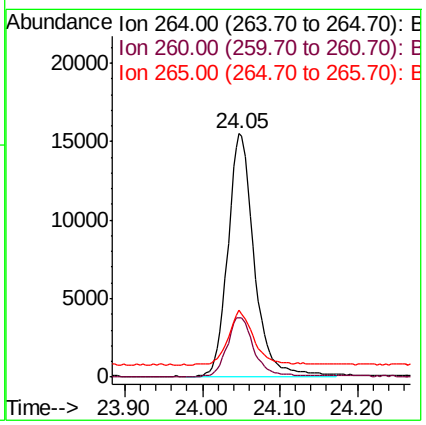


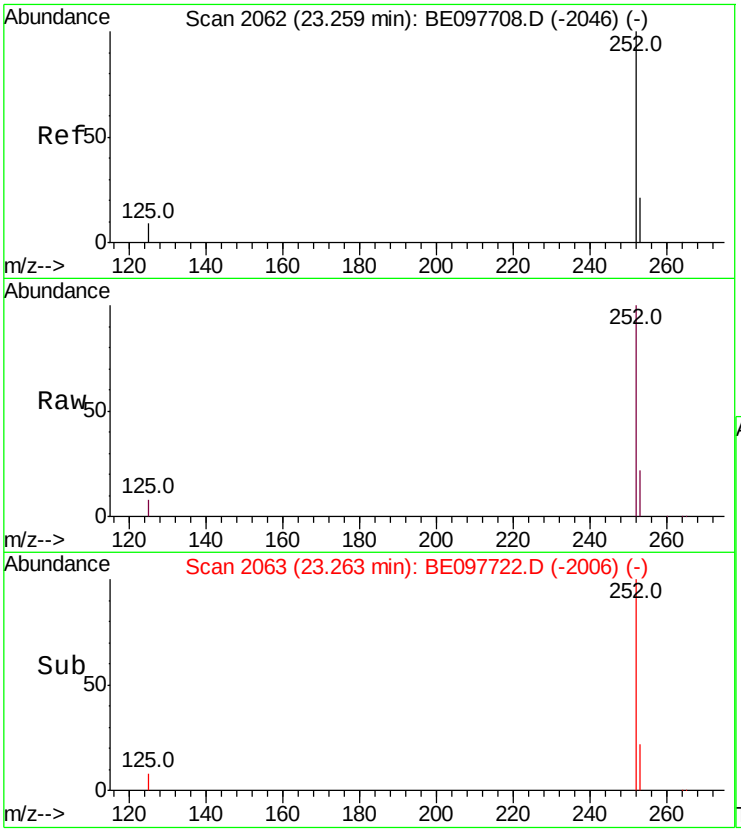


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.05 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:264 Resp: 36224

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	27.3	21.9	32.9



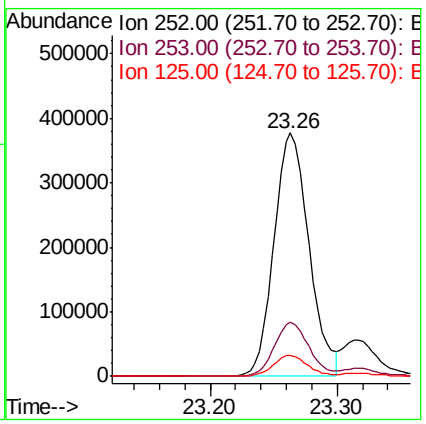


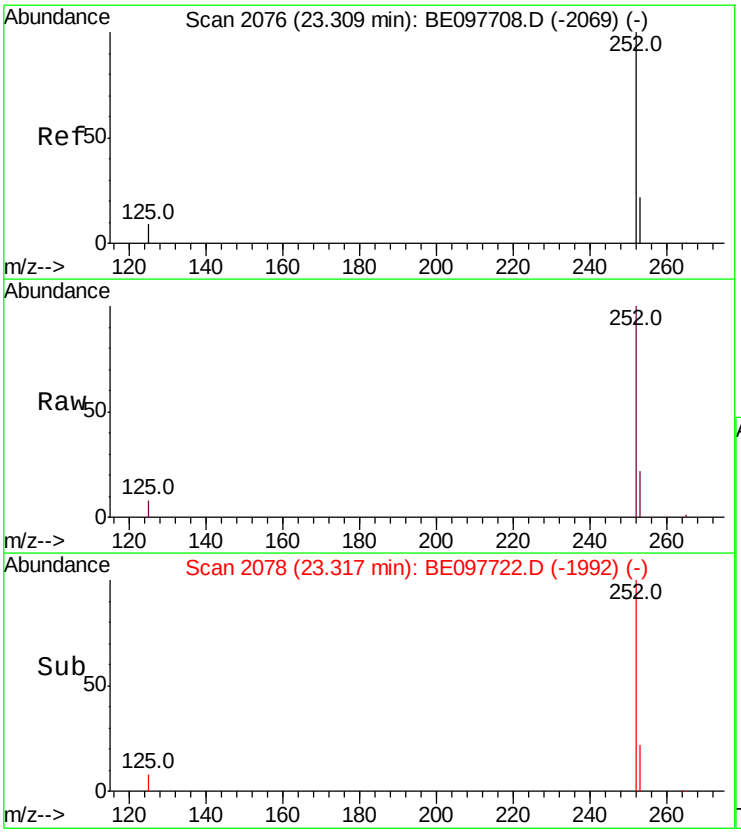
#35
Benzo(b)fluoranthene
Concen: 7.209 ng
RT: 23.26 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 716721

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	8.3	7.8	11.8

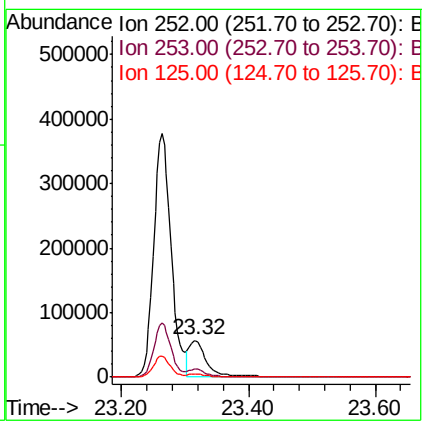


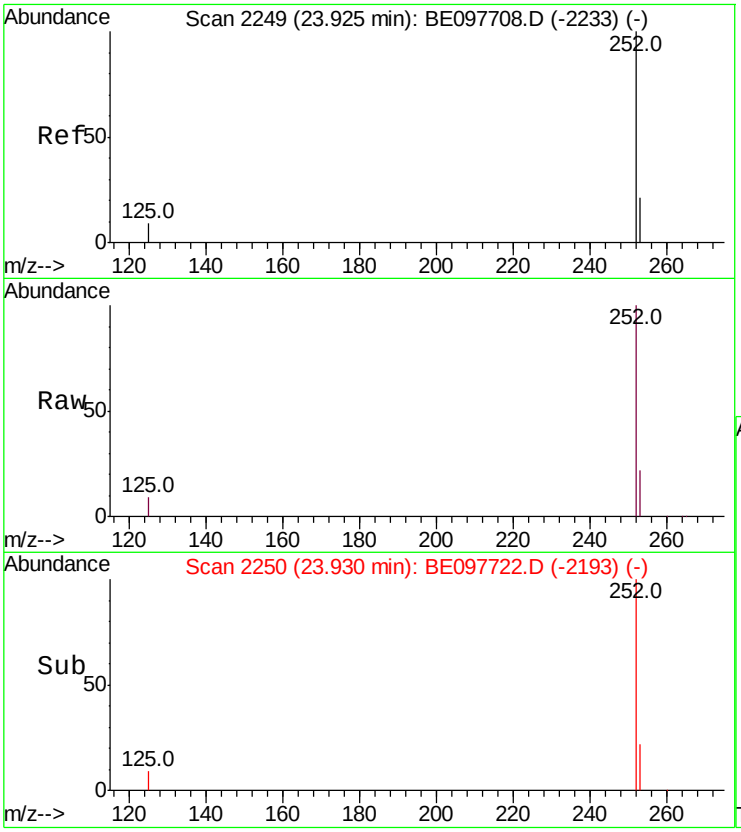


#36
Benzo(k)fluoranthene
Concen: 0.999 ng
RT: 23.32 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:252 Resp: 110132

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	8.3	7.5	11.3



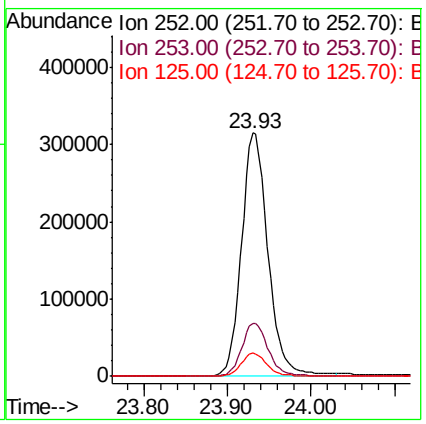


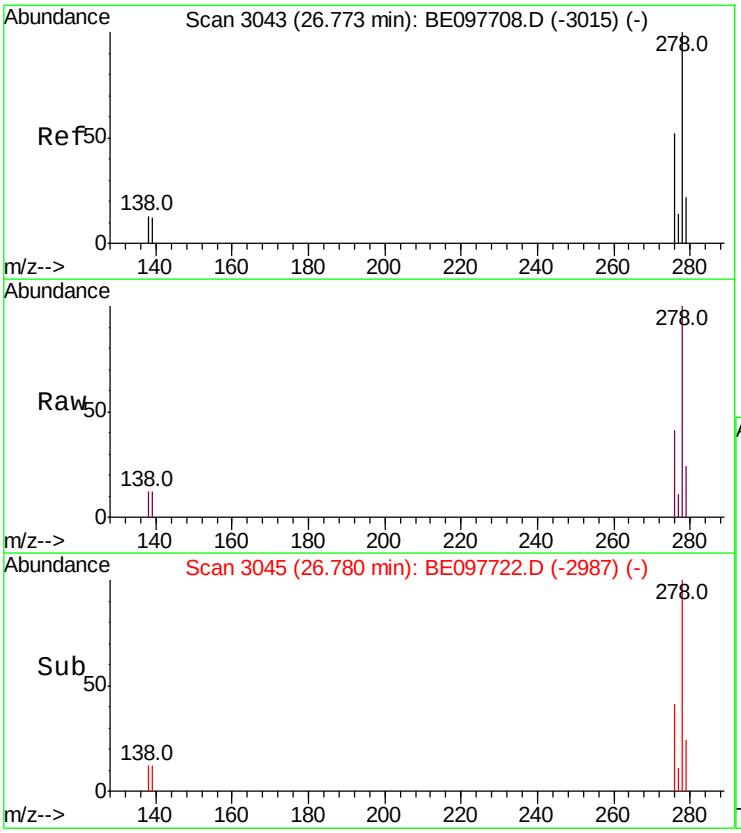
#37
Benzo(a)pyrene
Concen: 7.663 ng
RT: 23.93 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 689672

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.4	8.3	12.5





#38
Dibenzo(a,h)anthracene
Concen: 2.862 ng
RT: 26.78 min Scan# 3045
Delta R.T. 0.01 min
Lab File: BE097722.D
Acq: 4 Oct 2018 11:43

Tgt Ion:278 Resp: 253698

Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.3	15.5
279	24.1	18.4	27.6