Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097541.D
Acq On : 19 Sep 2018 15:34
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Sep 19 16:19:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 15:47:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	794	0.40	ng		-0.01
7) Naphthalene-d8	10.12	136	3698	0.40	ng		-0.01
13) Acenaphthene-d10	13.99	164	2195	0.40	ng		-0.01
19) Phenanthrene-d10	16.75	188	6222	0.40	ng		0.00
27) Chrysene-d12	20.97	240	9187	0.40	ng		0.00
34) Perylene-d12	23.20	264	8506	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	7364	2.74	ng		0.00
5) Phenol-d6	6.58	99	10303	3.02	ng		-0.01
8) Nitrobenzene-d5	8.51	82	9512	3.20	ng		-0.01
11) 2-Methylnaphthalene-d10	11.71	152	16727	3.17	ng		-0.01
14) 2,4,6-Tribromophenol	15.51	330	3491	3.01	ng		-0.02
15) 2-Fluorobiphenyl	12.61	172	24121	3.15	ng		-0.02
25) Fluoranthene-d10	18.79	212	252369	3.38	ng		0.00
29) Terphenyl-d14	19.41	244	53907	3.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	3947	2.874	ng	#	87
3) n-Nitrosodimethylamine	3.36	42	3845	3.350	ng	#	89
6) bis(2-Chloroethyl)ether	6.81	93	8837	3.240	ng		89
9) Naphthalene	10.17	128	105515	3.143	ng		99
10) Hexachlorobutadiene	10.46	225	4740	2.975	ng		98
12) 2-Methylnaphthalene	11.78	142	17348	3.231	ng		98
16) Acenaphthylene	13.72	152	30610	3.206	ng		100
17) Acenaphthene	14.06	154	18984	3.222	ng		98
18) Fluorene	15.05	166	24892	3.313	ng	#	79
20) 4-Bromophenyl-phenylether	15.95	248	9355	3.114	ng	#	82
21) Hexachlorobenzene	16.07	284	10120	3.179	ng	#	85
22) Pentachlorophenol	16.43	266	4382	7.925	ng	#	72
23) Phenanthrene	16.79	178	48021	3.282	ng		99
24) Anthracene	16.88	178	44818	3.317	ng		96
26) Fluoranthene	18.83	202	66717	3.497	ng		98
28) Pyrene	19.19	202	69145	2.925	ng		100
30) Benzo(a)anthracene	20.94	228	76470	3.166	ng		97
31) Chrysene	21.00	228	79757	3.217	ng		98
32) Bis(2-ethylhexyl)phthalate	20.91	149	127070	2.475	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.48	276	91435	3.095	ng	#	92
35) Benzo(b)fluoranthene	22.52	252	74194	3.412	ng	#	86
36) Benzo(k)fluoranthene	22.57	252	81670	3.443	ng		96
37) Benzo(a)pyrene	23.10	252	71285	3.299	ng	#	92
38) Dibenzo(a,h)anthracene	25.50	278	77576	3.442	ng	#	92
39) Benzo(g,h,i)perylene	26.18	276	75065	3.261	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
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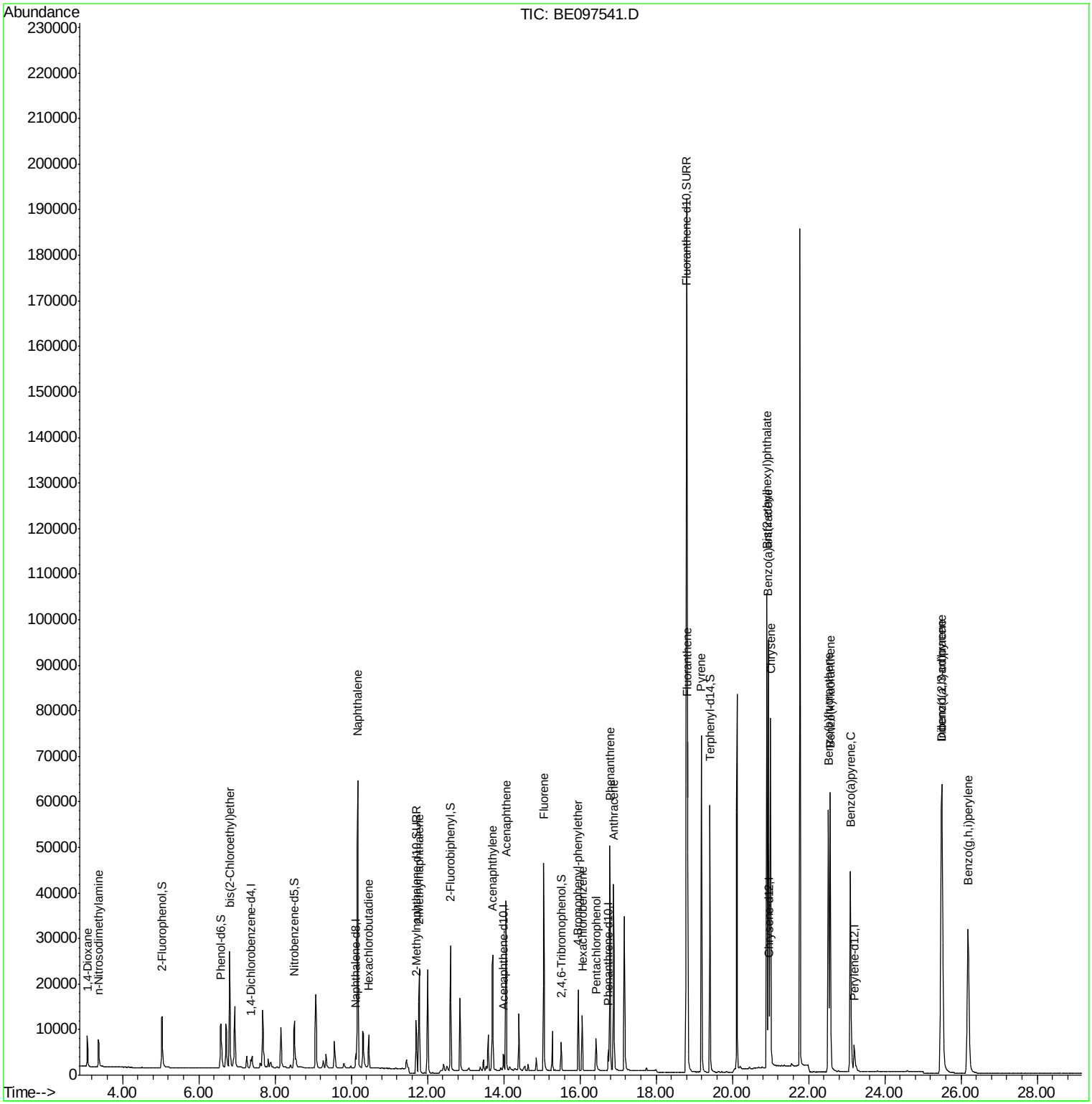
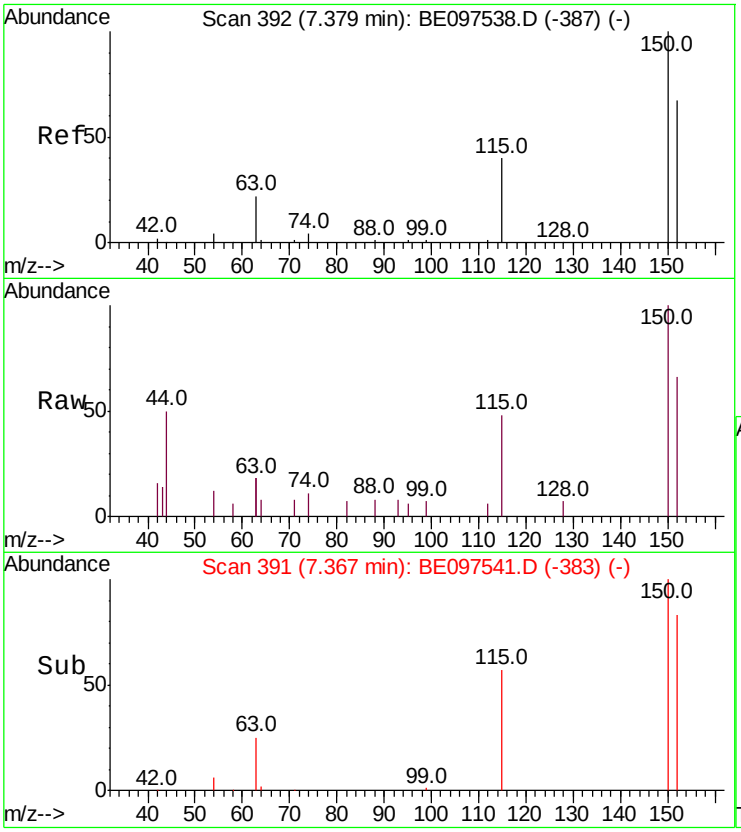
Acq On : 19 Sep 2018 15:34
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 19 16:19:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 15:47:52 2018
Response via : Initial Calibration



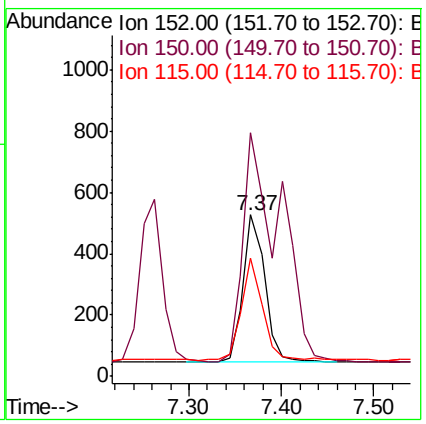


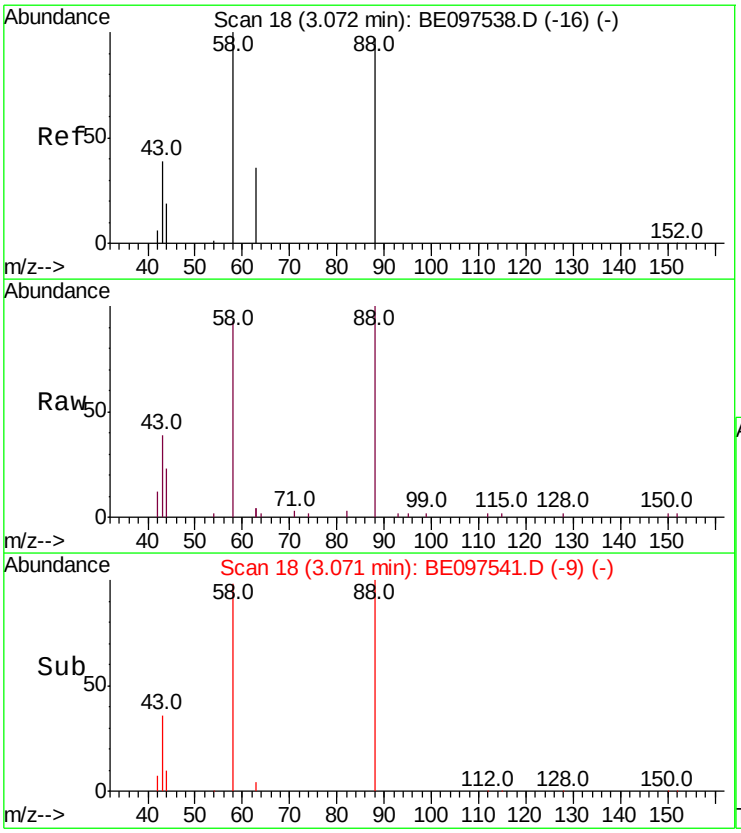
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 794

Ion	Ratio	Lower	Upper
152	100		
150	151.0	117.2	175.8
115	73.0	57.0	85.6

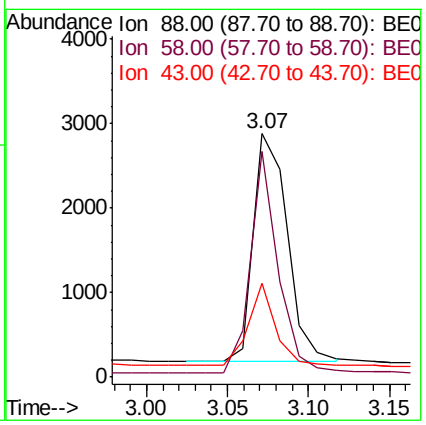


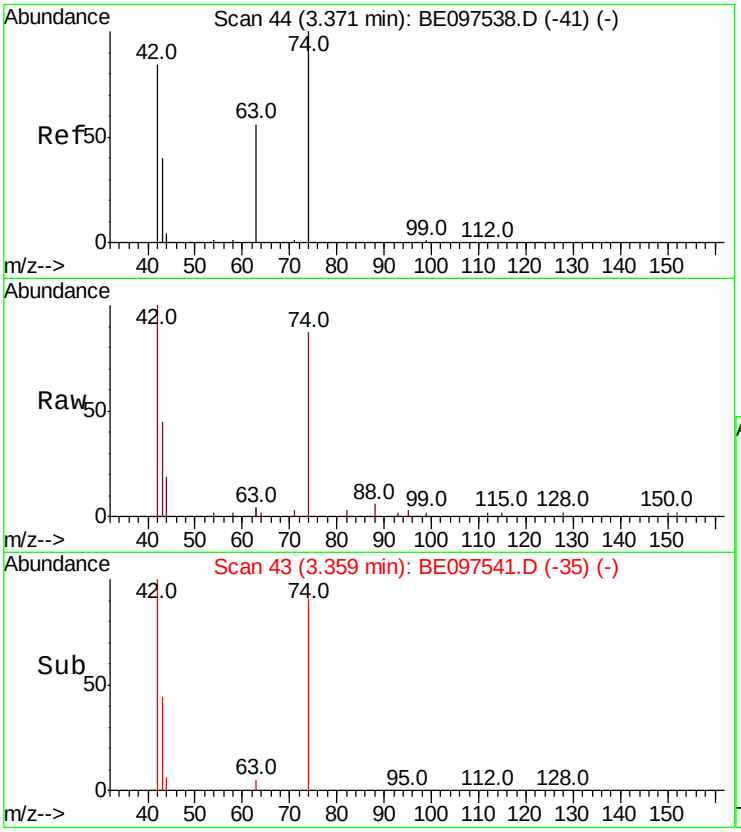


#2
1,4-Dioxane
Concen: 2.874 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 88 Resp: 3947

Ion	Ratio	Lower	Upper
88	100		
58	78.8	63.2	94.8
43	29.0	41.2	61.8#



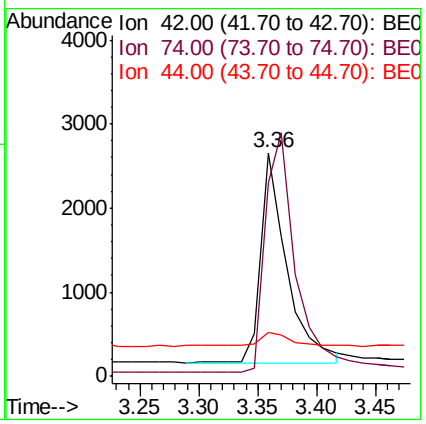


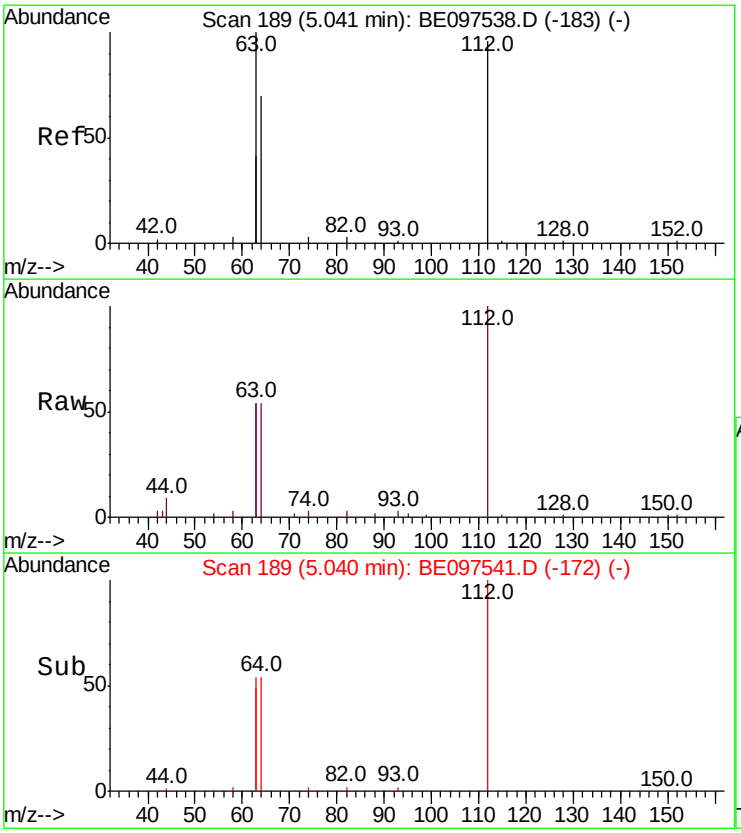
#3
n-Nitrosodimethylamine
Concen: 3.350 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 3845

Ion	Ratio	Lower	Upper
42	100		
74	130.6	96.0	144.0
44	6.8	12.0	18.0#

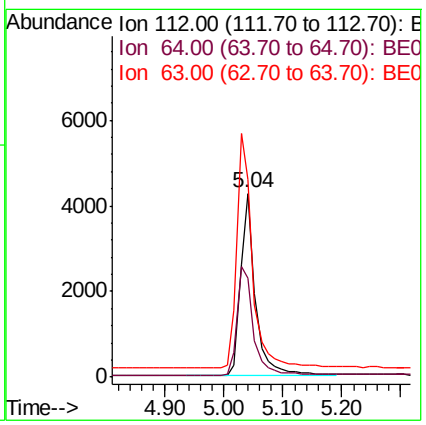


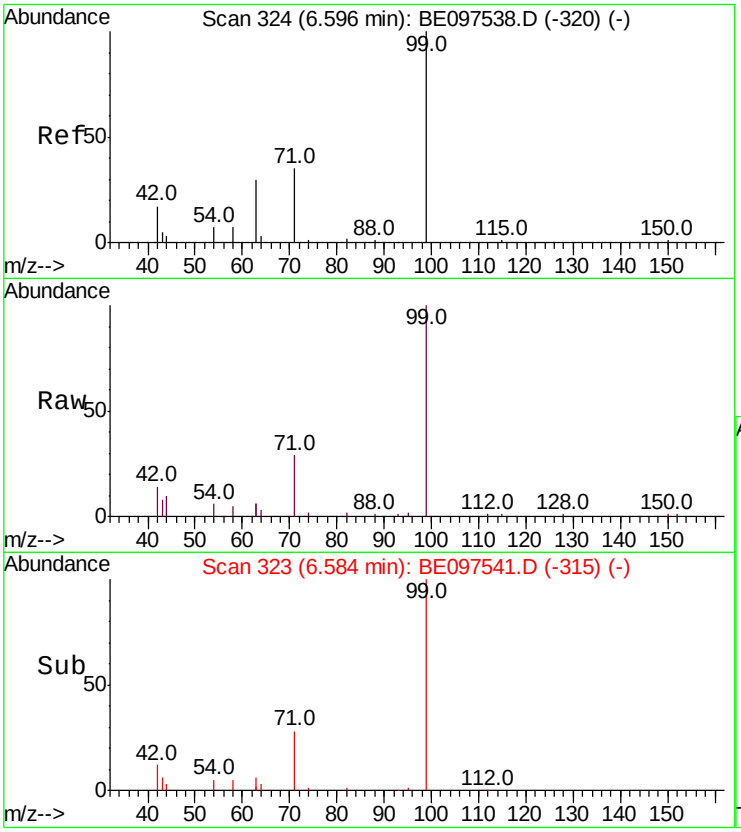


#4
2-Fluorophenol
Concen: 2.738 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:112 Resp: 7364

Ion	Ratio	Lower	Upper
112	100		
64	66.0	60.1	90.1
63	136.1	116.8	175.2



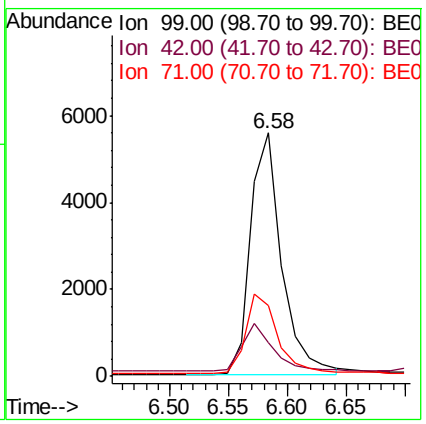


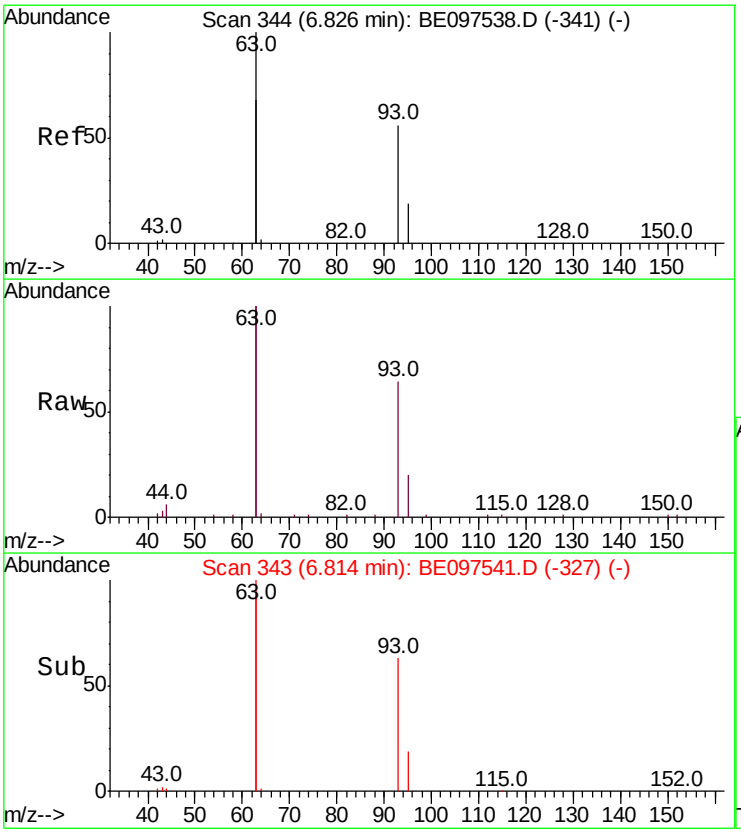
#5
Phenol-d6
Concen: 3.019 ng
RT: 6.58 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 10303

Ion	Ratio	Lower	Upper
99	100		
42	19.5	20.2	30.2#
71	33.7	28.4	42.6

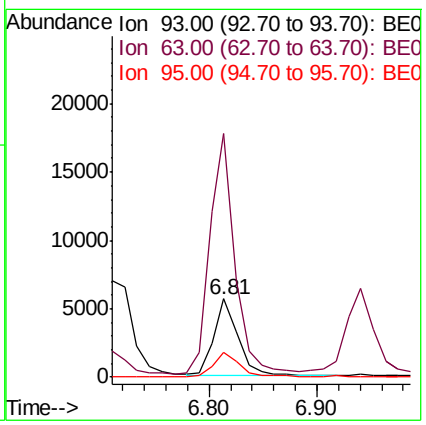


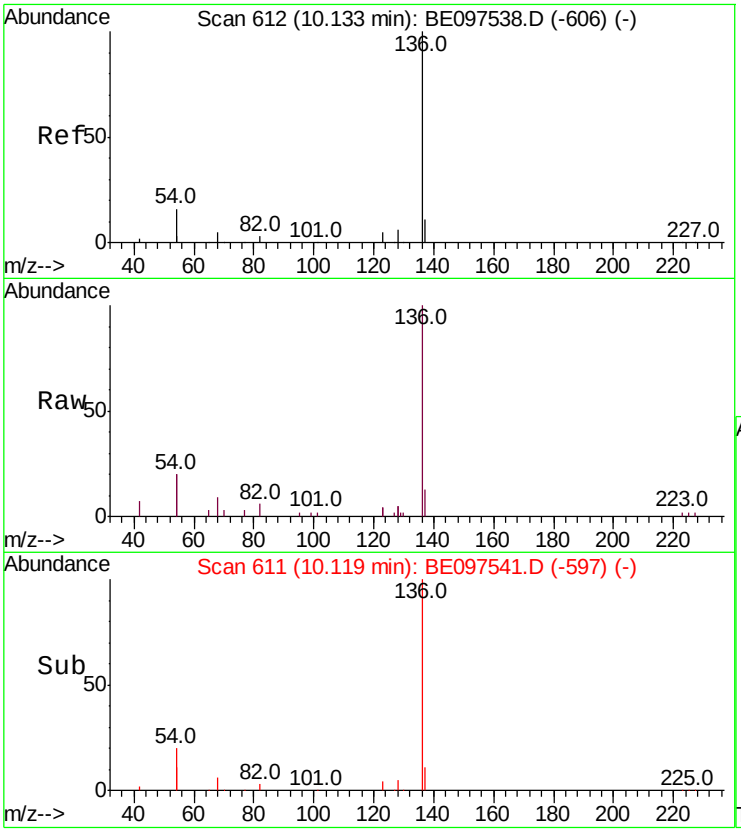


#6
bis(2-Chloroethyl)ether
Concen: 3.240 ng
RT: 6.81 min Scan# 343
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 93 Resp: 8837

Ion	Ratio	Lower	Upper
93	100		
63	319.5	275.3	412.9
95	31.7	25.2	37.8



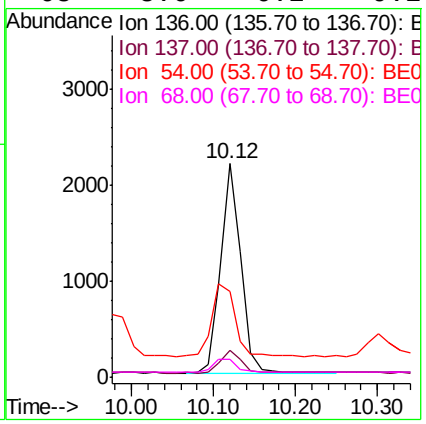


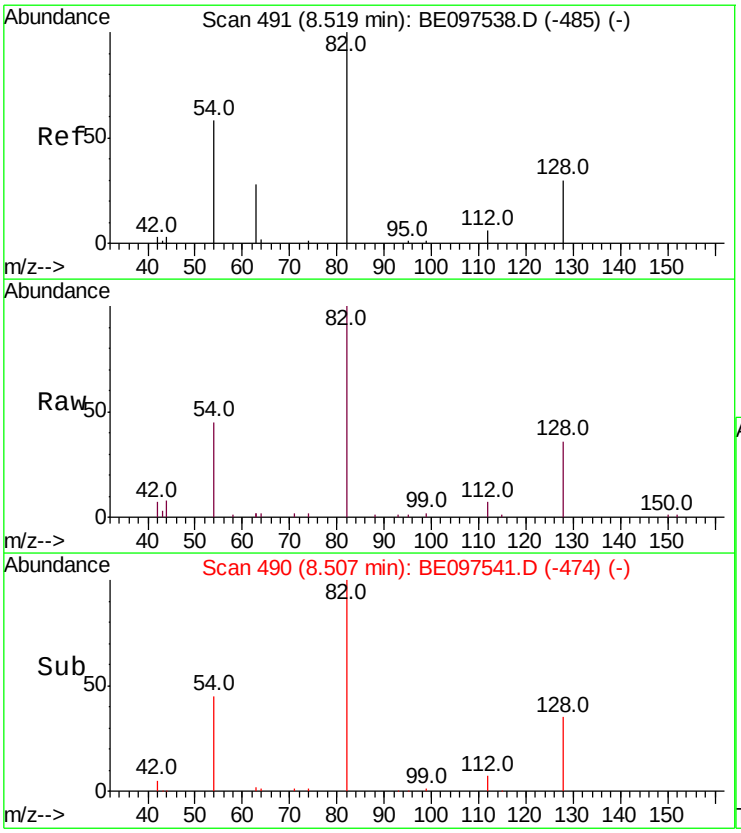
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 3698

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	40.0	29.1	43.7
68	8.6	6.2	9.2

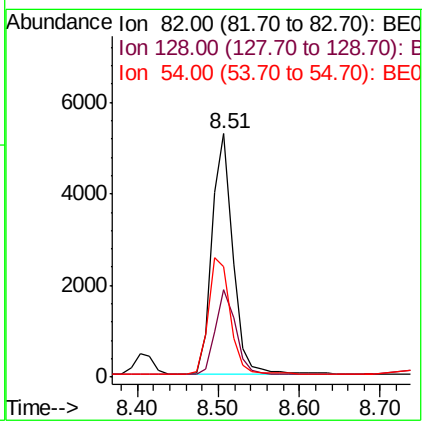


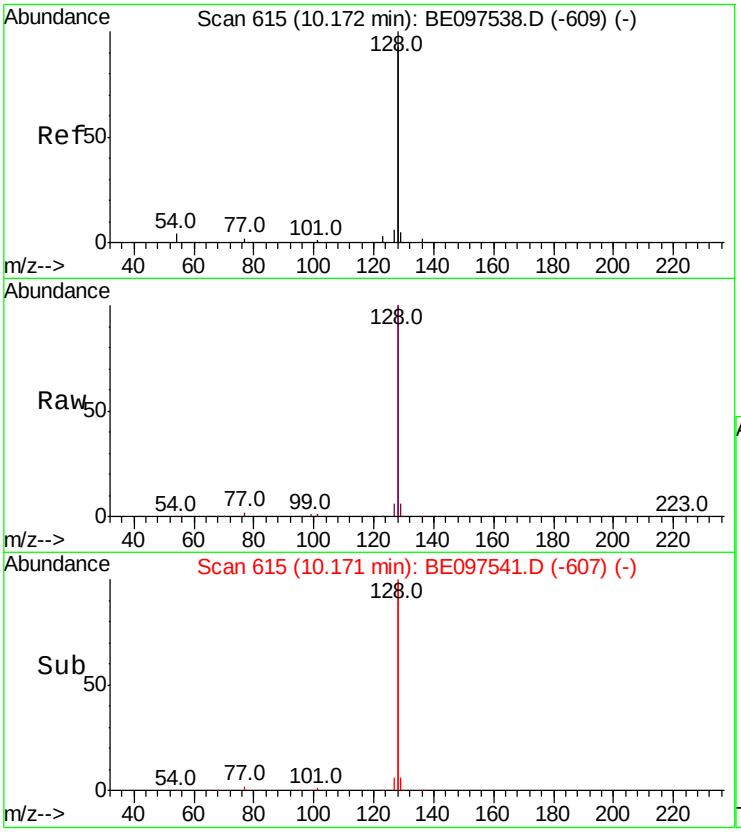


#8
Nitrobenzene-d5
Concen: 3.196 ng
RT: 8.51 min Scan# 490
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 82 Resp: 9512

Ion	Ratio	Lower	Upper
82	100		
128	35.9	24.0	36.0
54	45.5	40.0	60.0



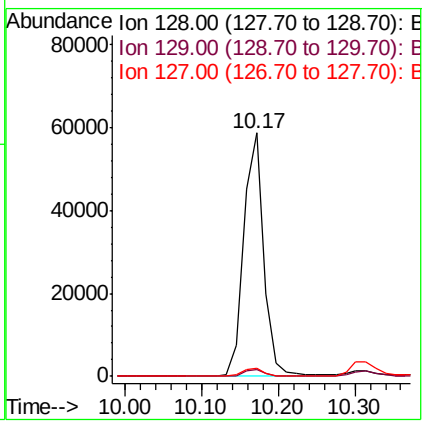


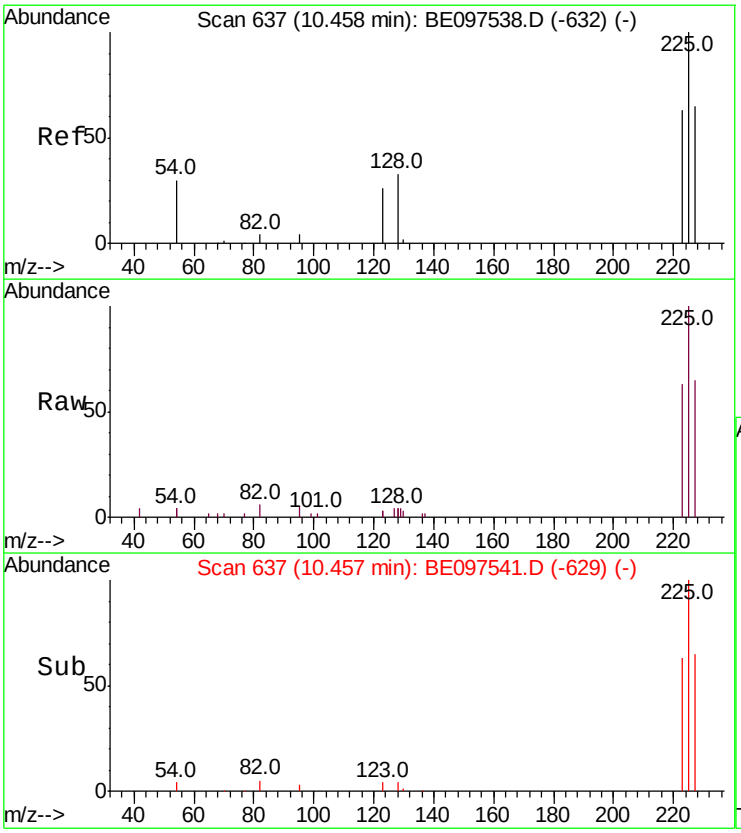
#9
Naphthalene
Concen: 3.143 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 105515

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.2	2.8	4.2

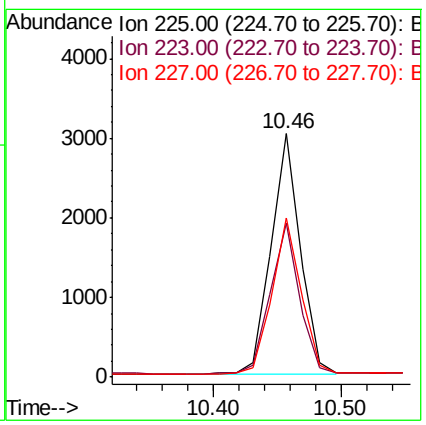


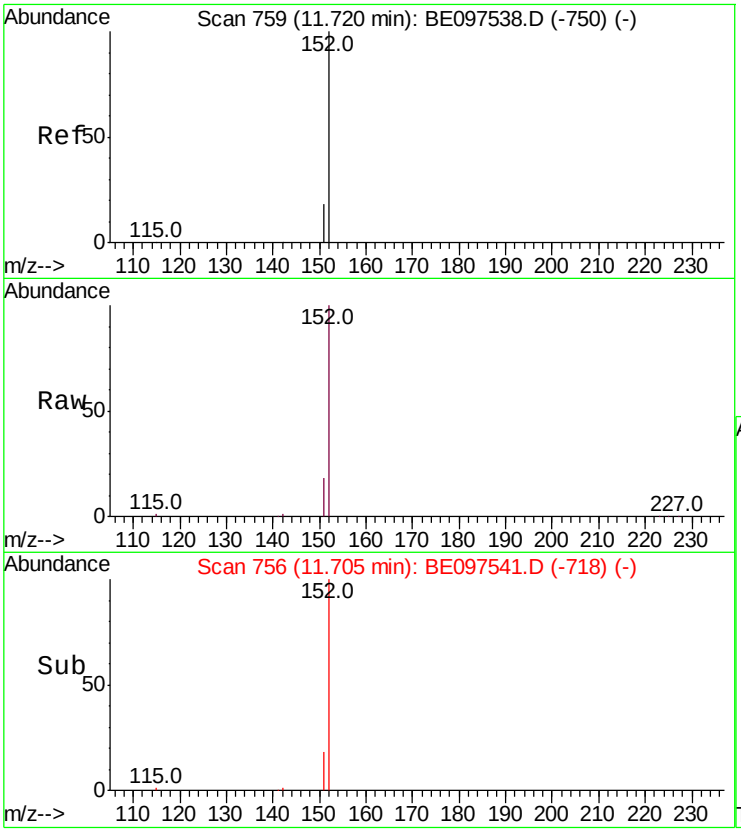


#10
Hexachlorobutadiene
Concen: 2.975 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:225 Resp: 4740

Ion	Ratio	Lower	Upper
225	100		
223	63.0	53.0	79.6
227	64.7	51.4	77.2



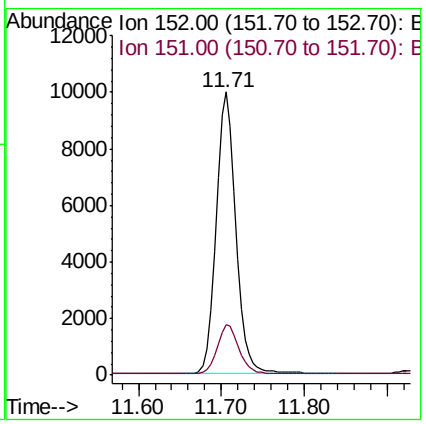


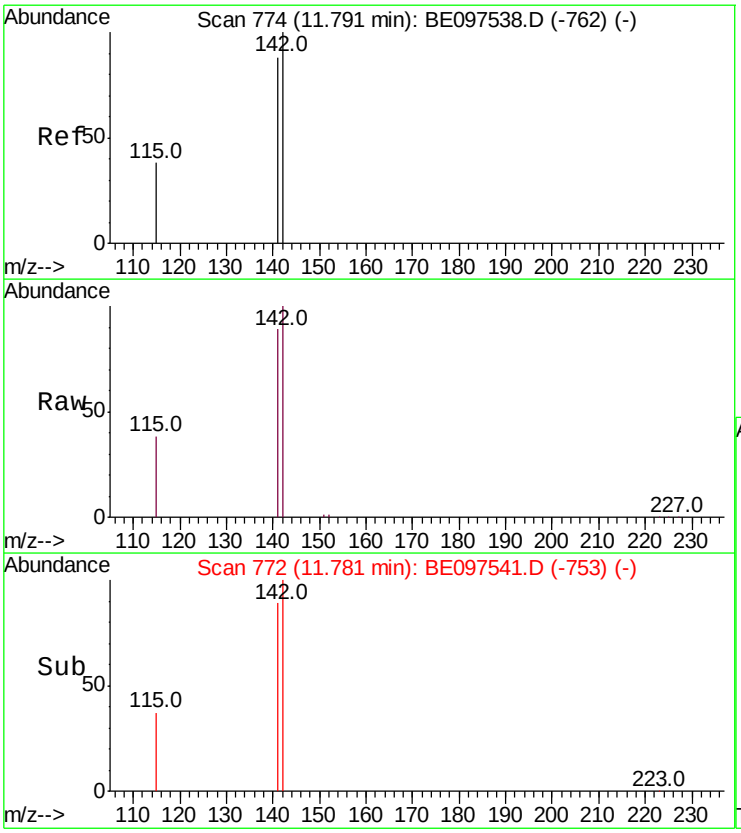
#11
2-Methylnaphthalene-d10
Concen: 3.165 ng
RT: 11.71 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 16727

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

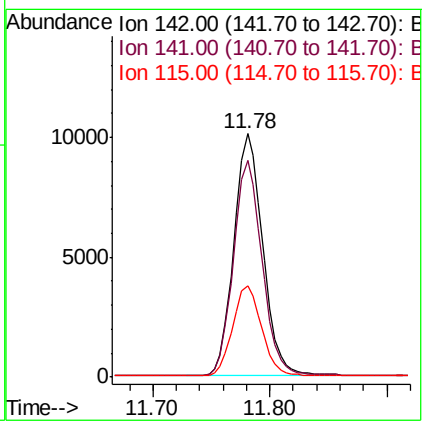


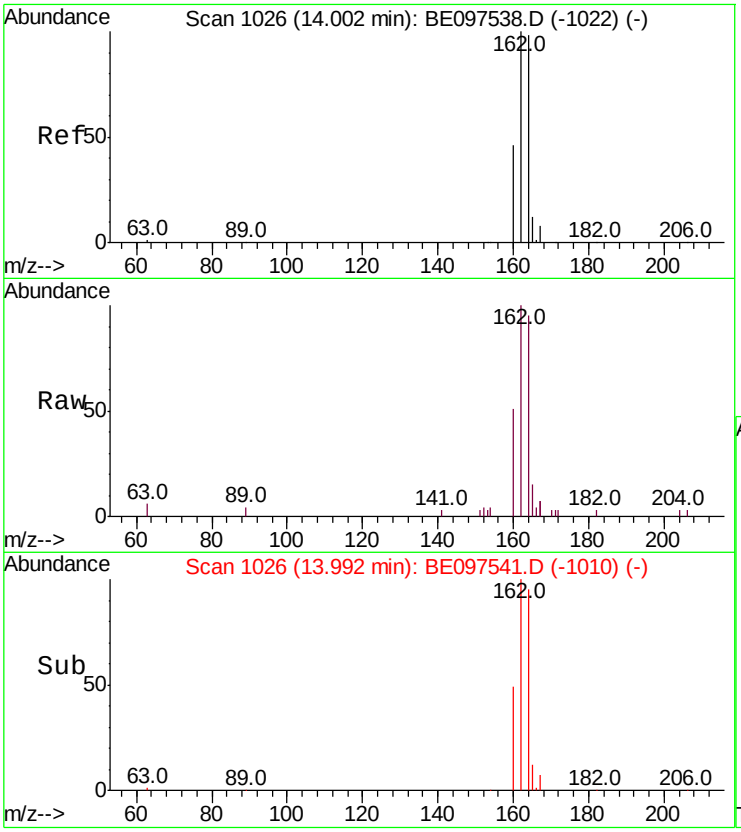


#12
2-Methylnaphthalene
Concen: 3.231 ng
RT: 11.78 min Scan# 772
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:142 Resp: 17348

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.4	105.6
115	37.6	31.7	47.5



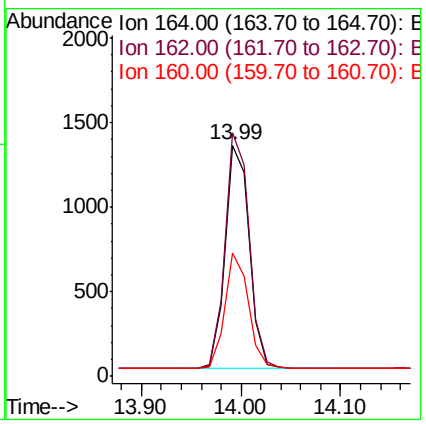


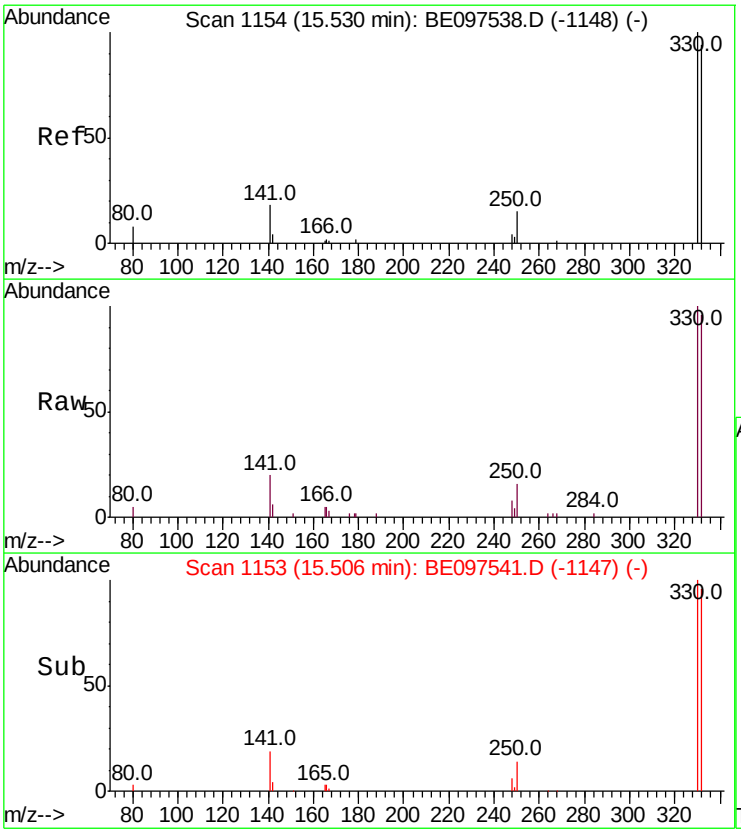
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 2195

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.1	124.7
160	53.3	37.1	55.7

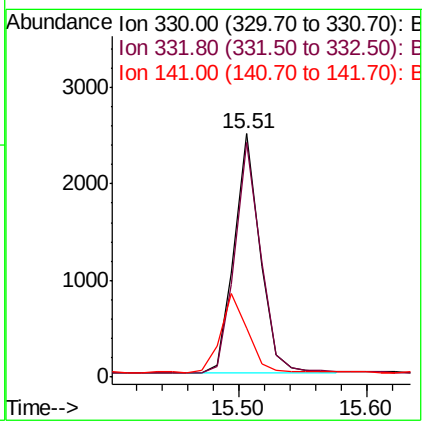


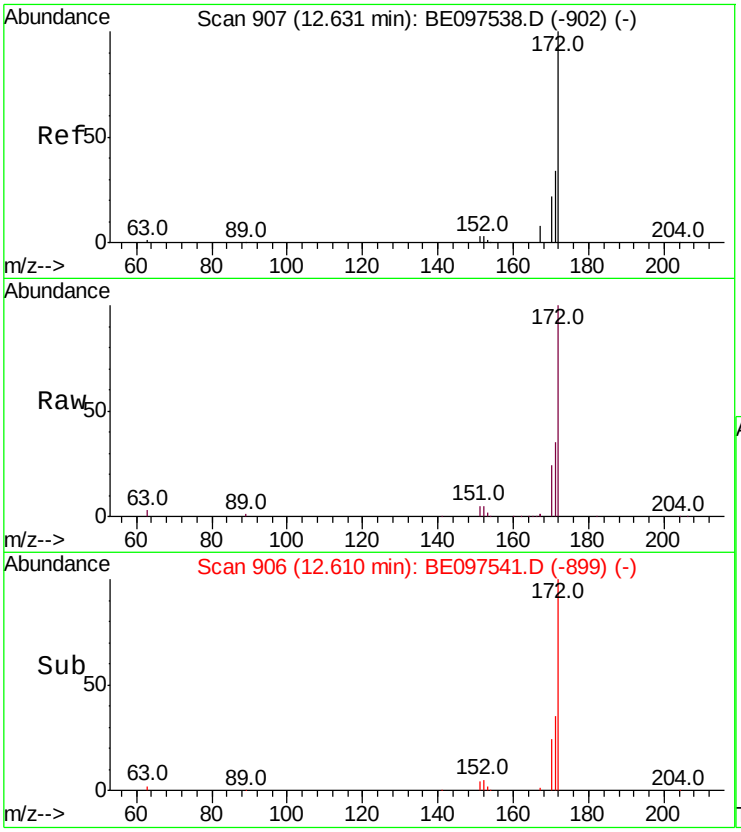


#14
2,4,6-Tribromophenol
Concen: 3.011 ng
RT: 15.51 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:330 Resp: 3491

Ion	Ratio	Lower	Upper
330	100		
332	96.5	152.7	229.1#
141	33.7	33.7	50.5



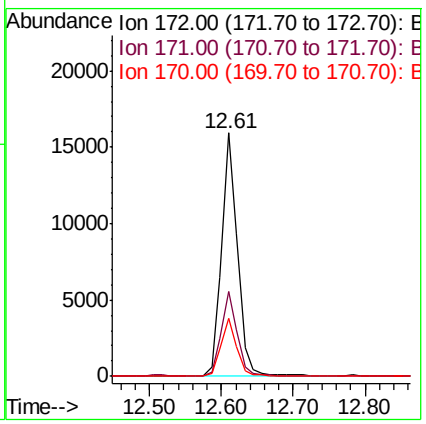


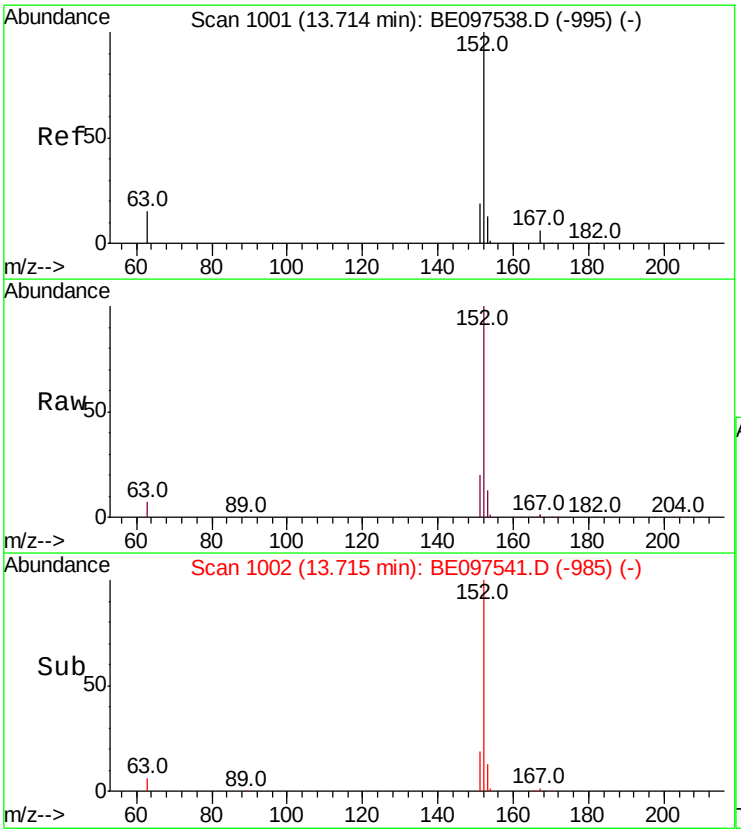
#15
2-Fluorobiphenyl
Concen: 3.147 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.02 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 24121

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.9	44.9
170	23.9	21.8	32.8

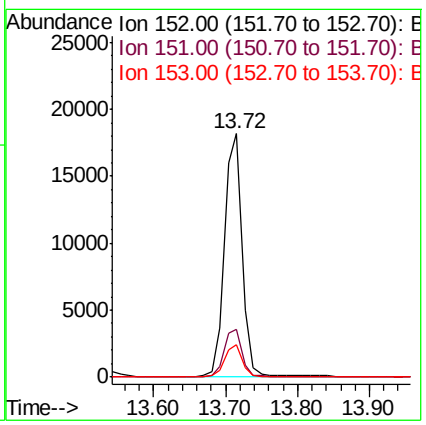


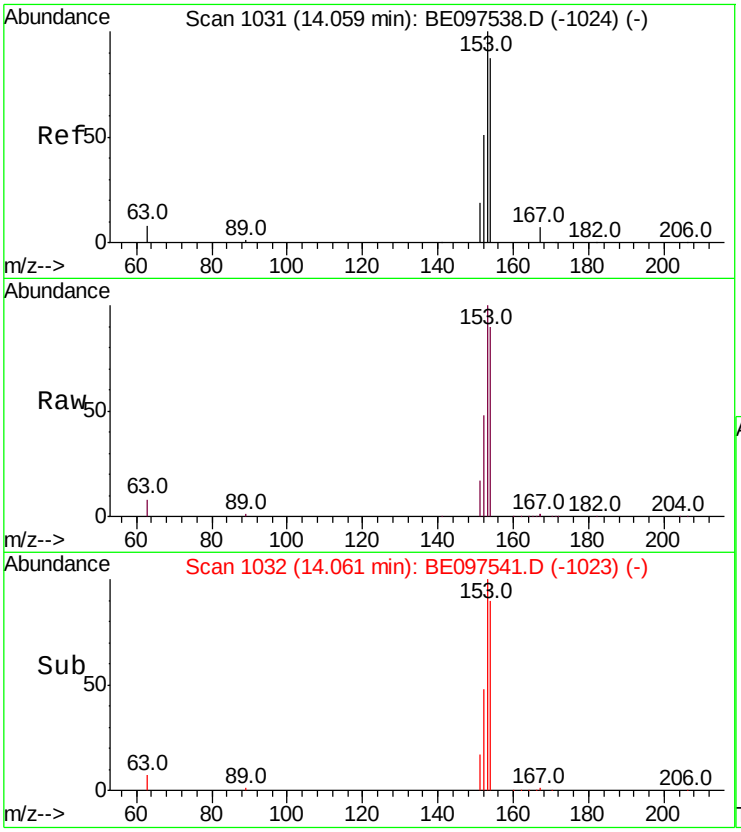


#16
Acenaphthylene
Concen: 3.206 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:152 Resp: 30610

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



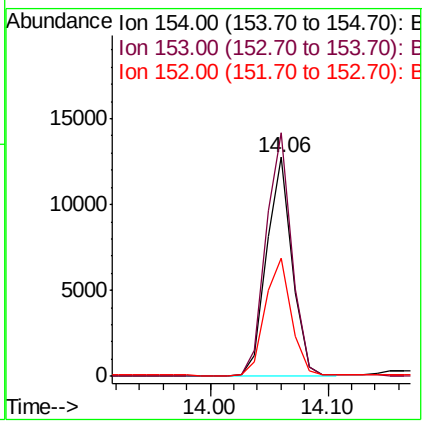


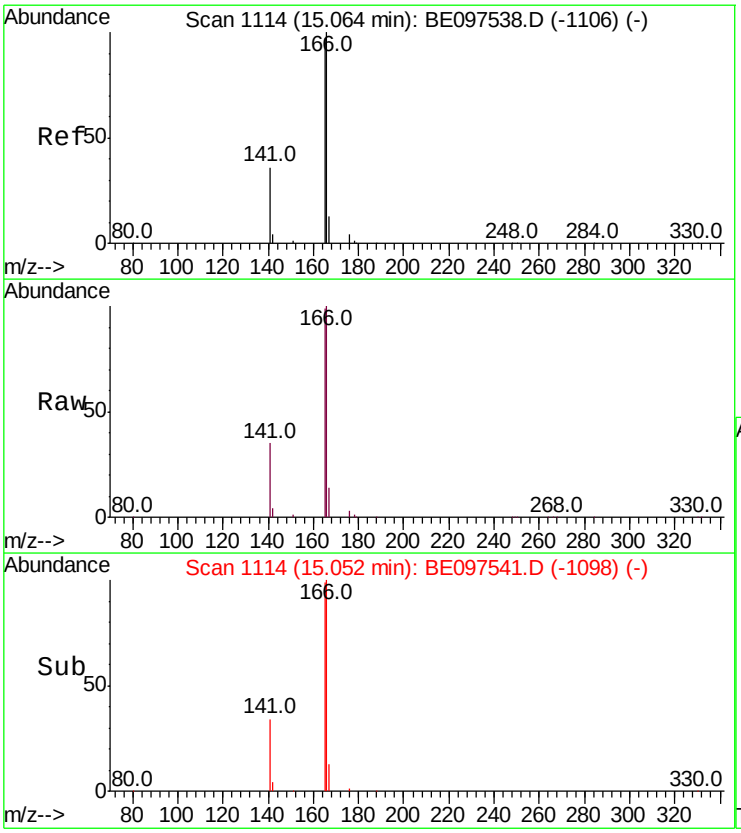
#17
Acenaphthene
Concen: 3.222 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 18984

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	55.3	42.0	63.0

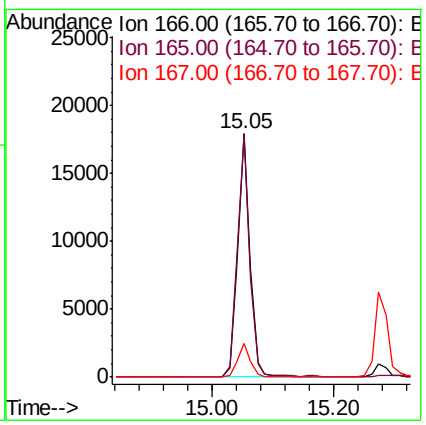


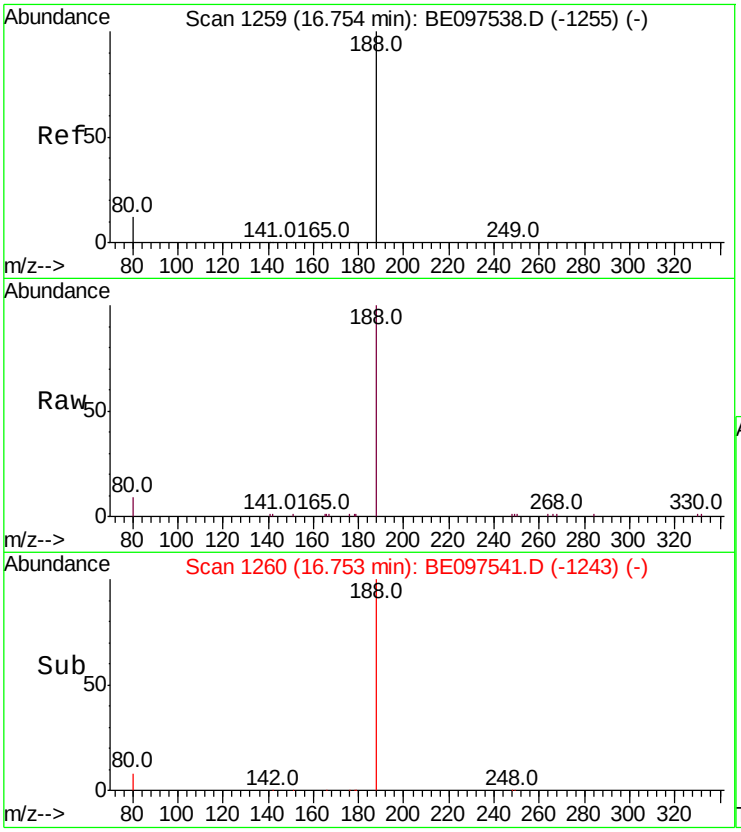


#18
Fluorene
Concen: 3.313 ng
RT: 15.05 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:166 Resp: 24892

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	13.4	42.4	63.6#



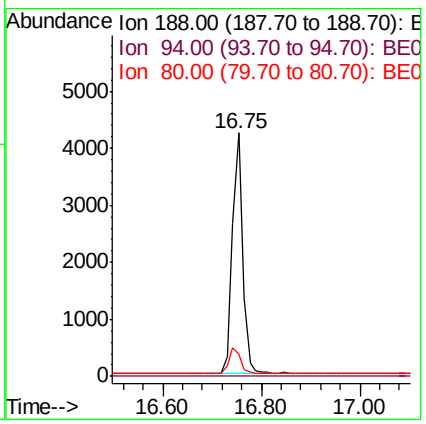


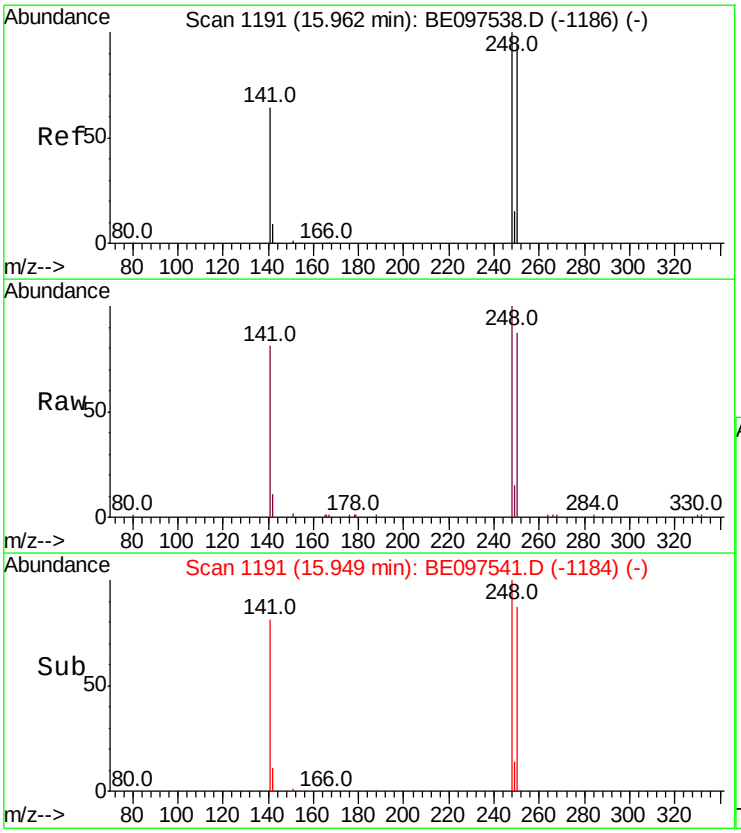
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 6222

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.1	3.6	5.4#

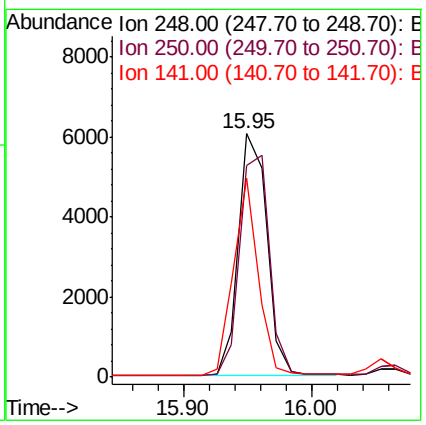


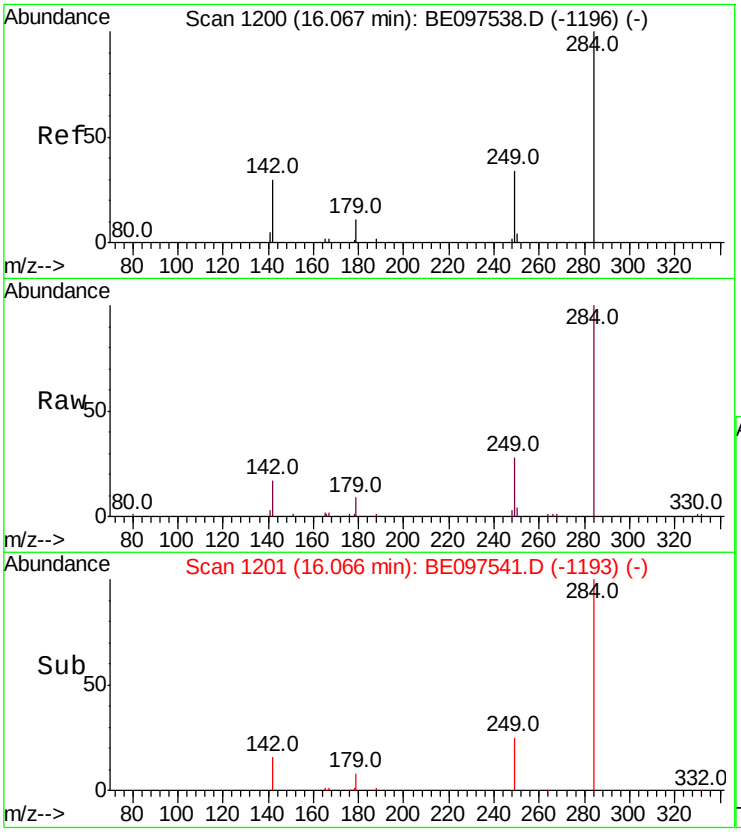


#20
4-Bromophenyl-phenylether
Concen: 3.114 ng
RT: 15.95 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:248 Resp: 9355

Ion	Ratio	Lower	Upper
248	100		
250	87.0	62.7	94.1
141	81.5	48.2	72.2#



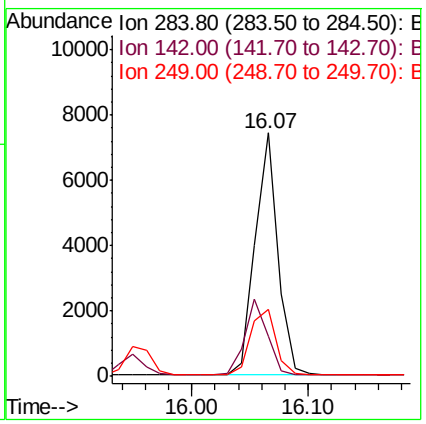


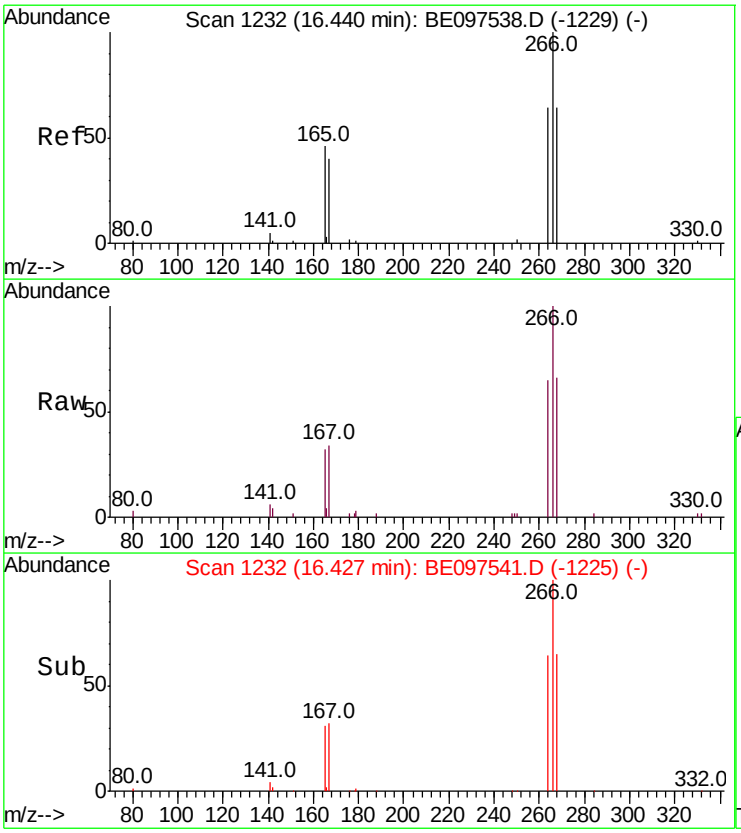
#21
Hexachlorobenzene
Concen: 3.179 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 10120

Ion	Ratio	Lower	Upper
284	100		
142	31.3	22.1	33.1
249	30.4	34.8	52.2#

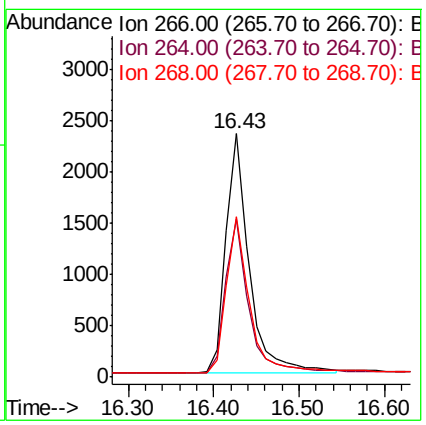


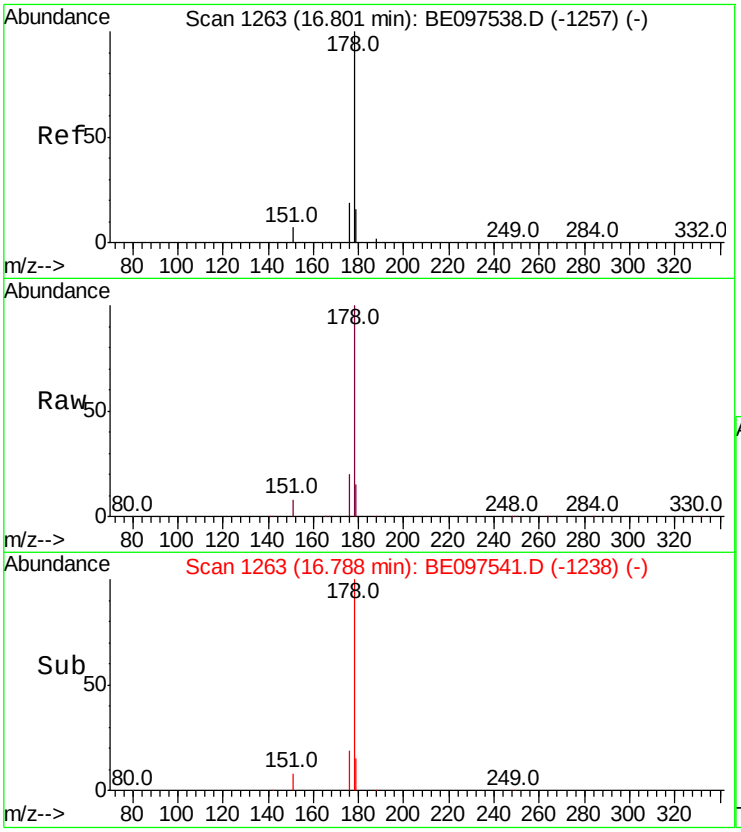


#22
Pentachlorophenol
Concen: 7.925 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:266 Resp: 4382

Ion	Ratio	Lower	Upper
266	100		
264	64.6	72.5	108.7#
268	65.8	73.8	110.6#



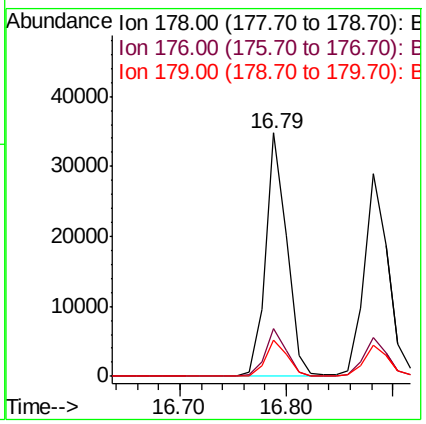


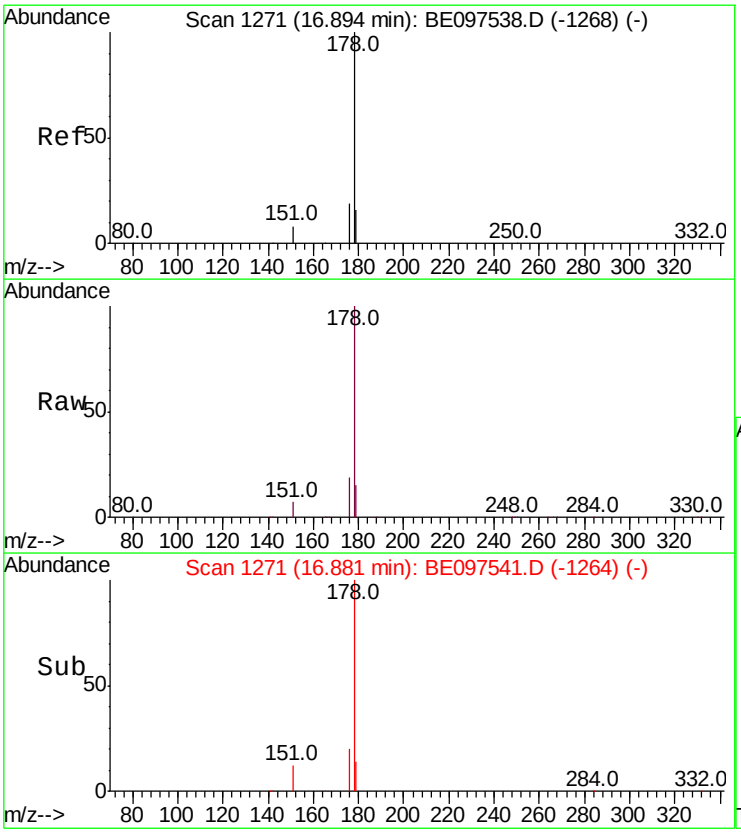
#23
Phenanthrene
Concen: 3.282 ng
RT: 16.79 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 48021

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.2	11.8	17.6

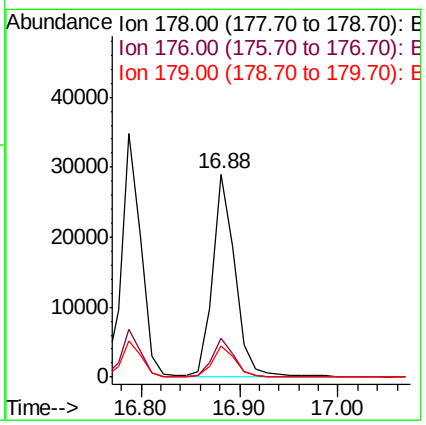


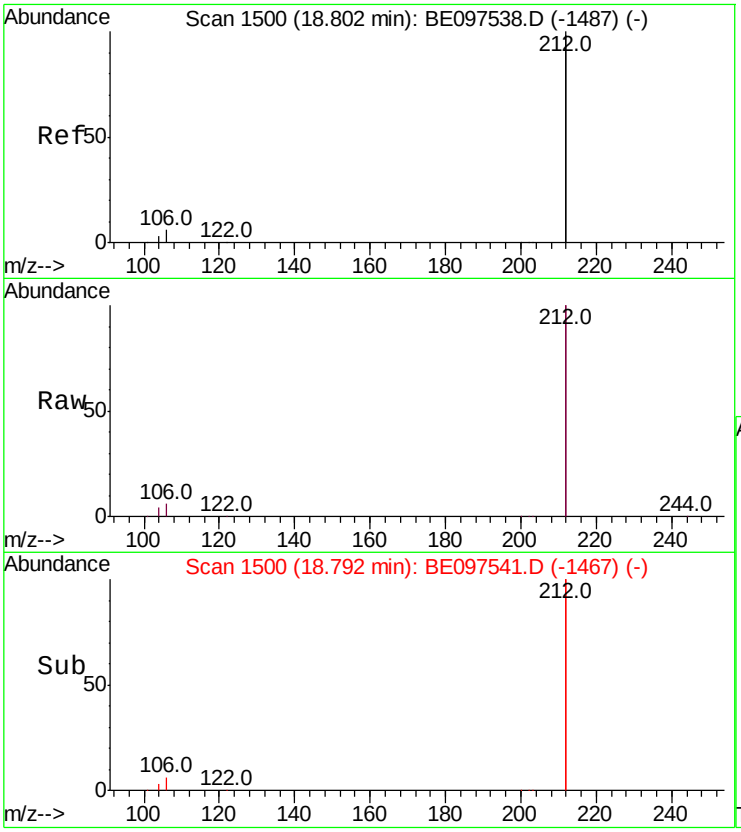


#24
Anthracene
Concen: 3.317 ng
RT: 16.88 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:178 Resp: 44818

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.4	13.0	19.6



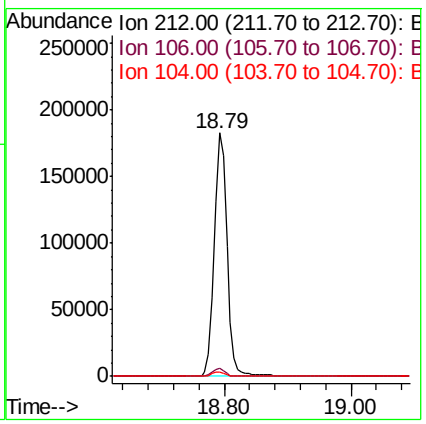


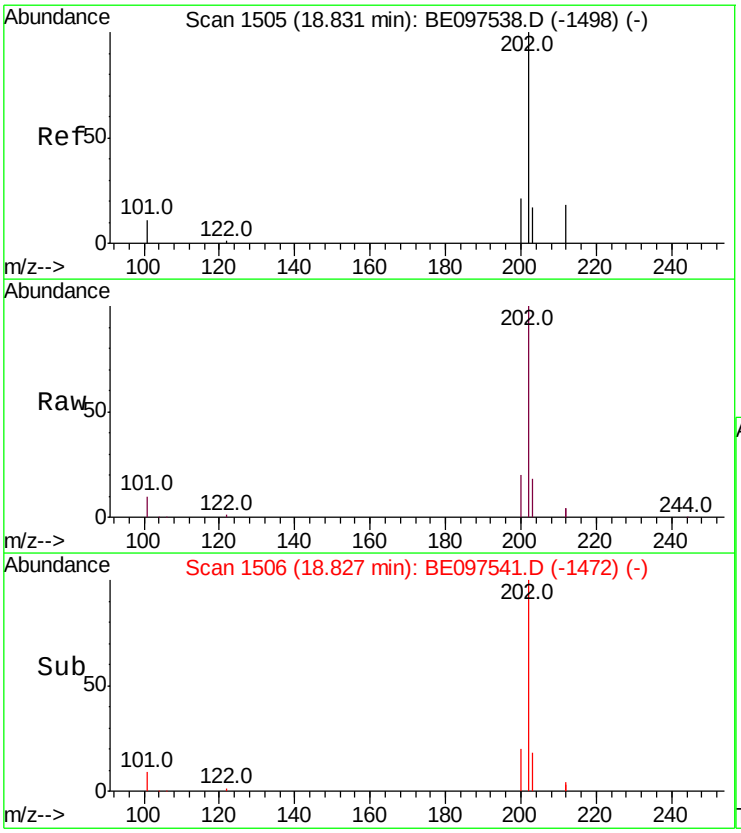
#25
Fluoranthene-d10
Concen: 3.376 ng
RT: 18.79 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 252369

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

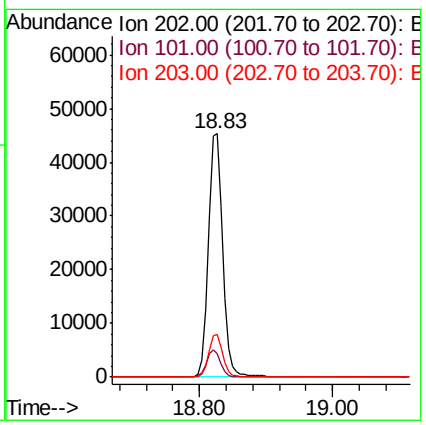


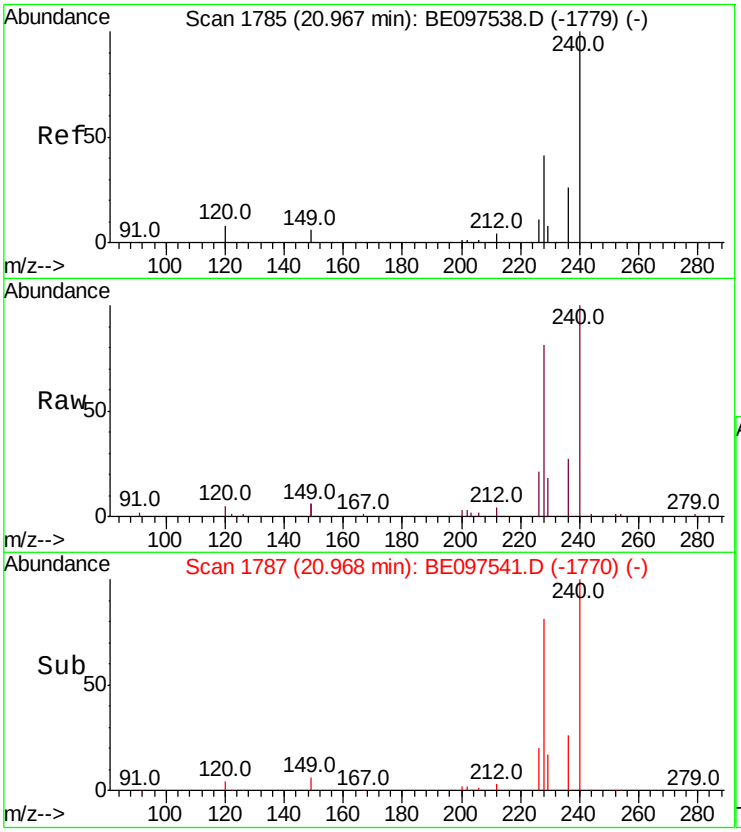


#26
Fluoranthene
Concen: 3.497 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:202 Resp: 66717

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.4	13.7	20.5



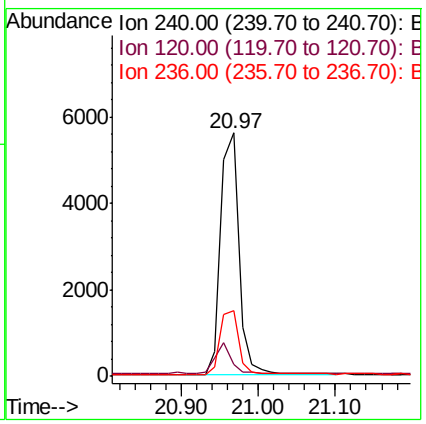


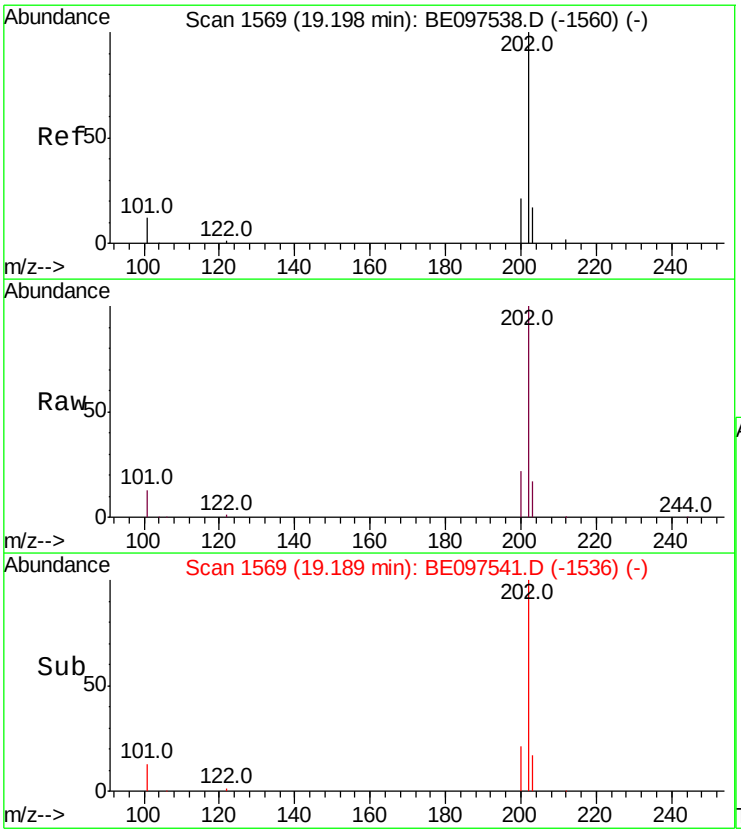
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 9187

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.5	8.3#
236	26.8	20.7	31.1

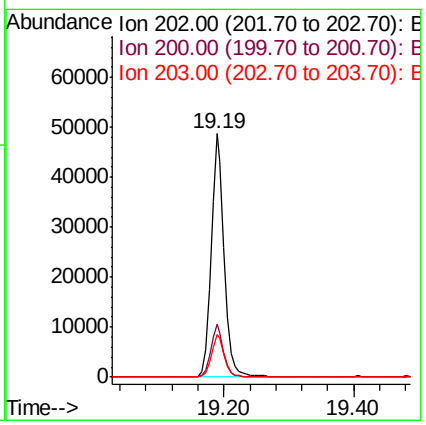


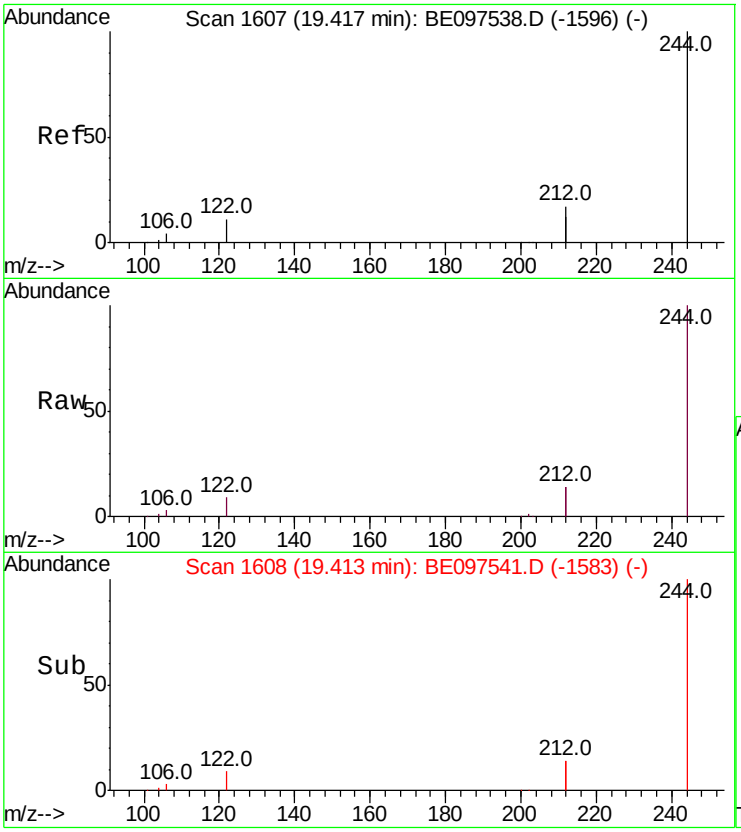


#28
Pyrene
Concen: 2.925 ng
RT: 19.19 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:202 Resp: 69145

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.4	13.8	20.8



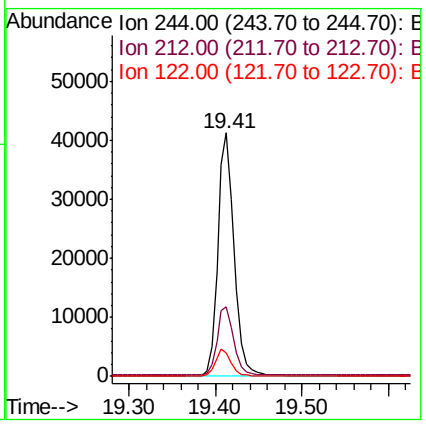


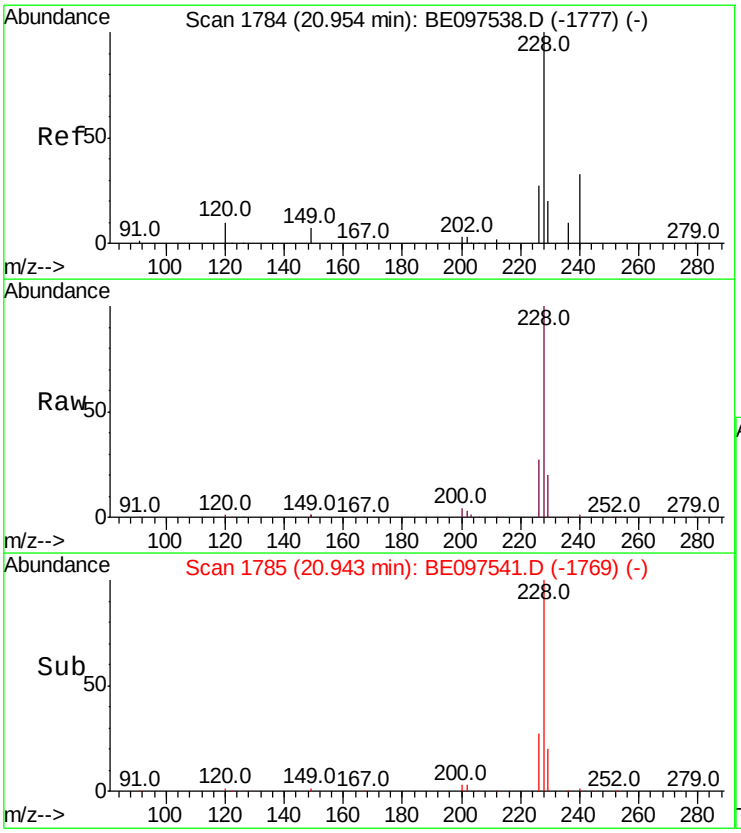
#29
Terphenyl-d14
Concen: 3.068 ng
RT: 19.41 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 53907

Ion	Ratio	Lower	Upper
244	100		
212	28.7	25.4	38.0
122	9.4	8.1	12.1

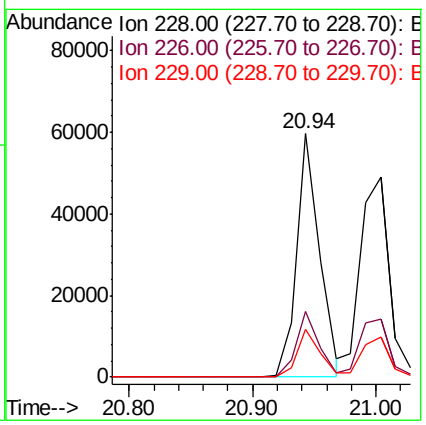


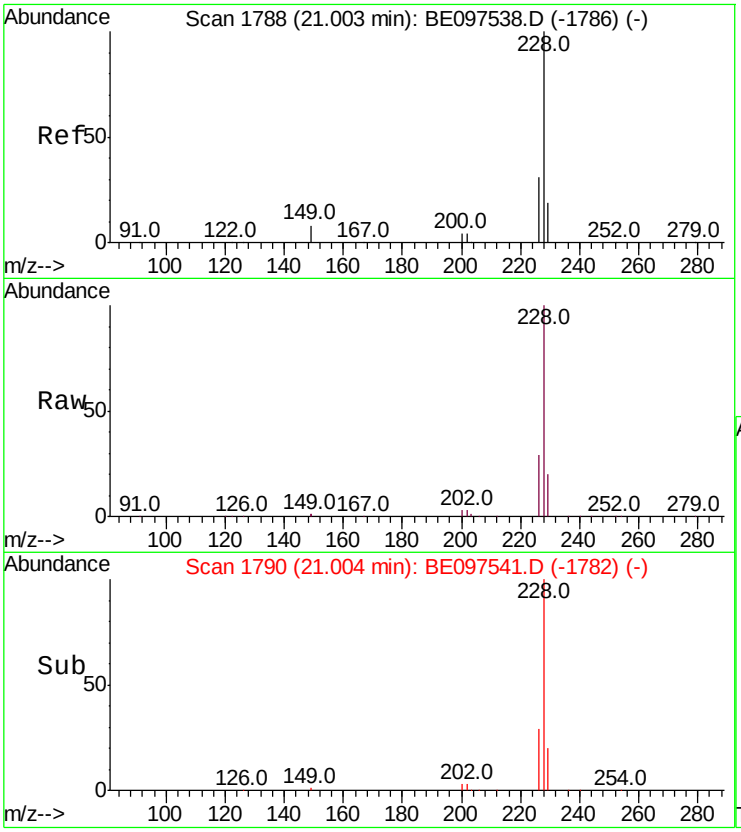


#30
Benzo(a)anthracene
Concen: 3.166 ng
RT: 20.94 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:228 Resp: 76470

Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.0	36.0
229	19.7	16.0	24.0



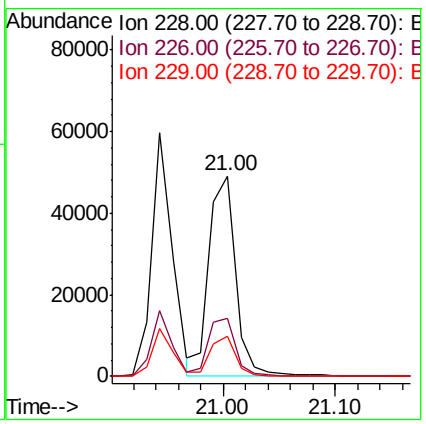


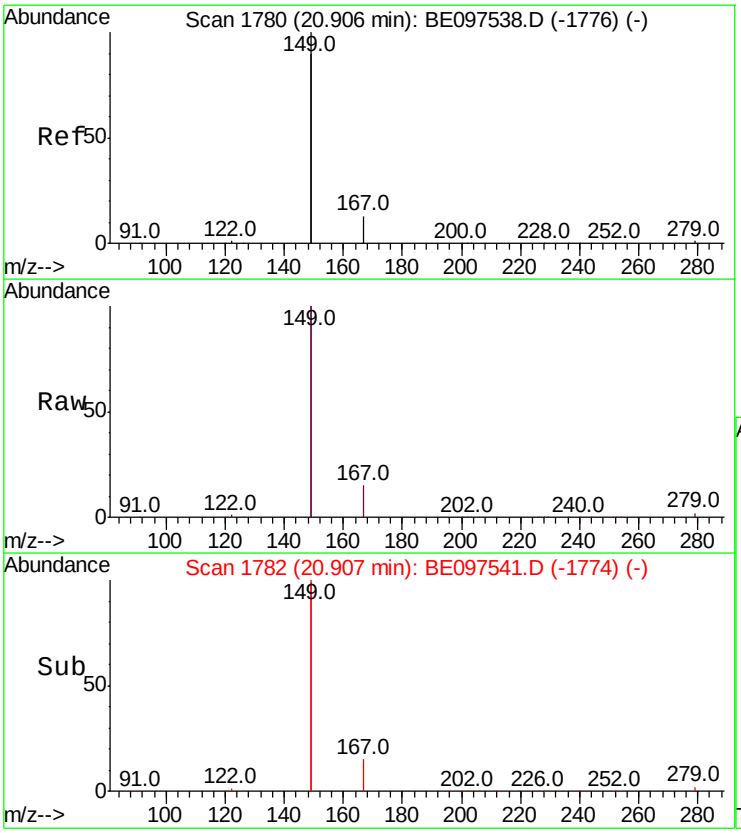
#31
Chrysene
Concen: 3.217 ng
RT: 21.00 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 79757

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	20.2	16.0	24.0

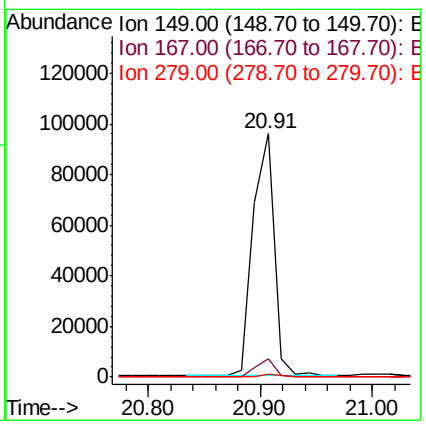


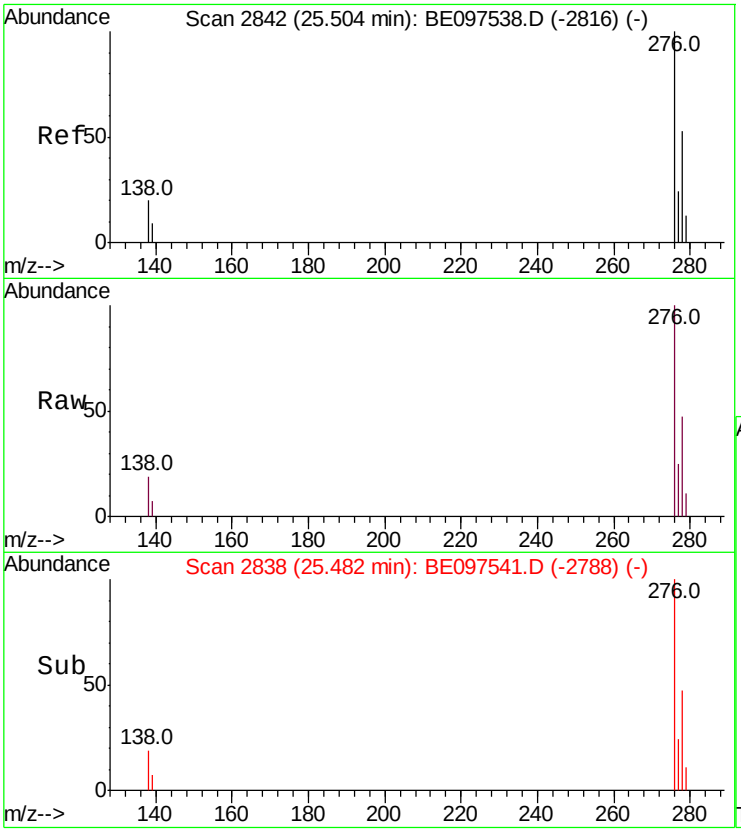


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.475 ng
RT: 20.91 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:149 Resp: 127070

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



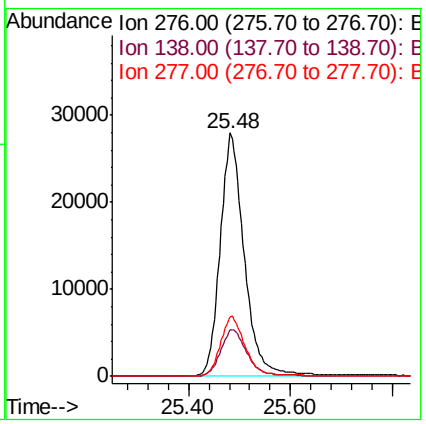


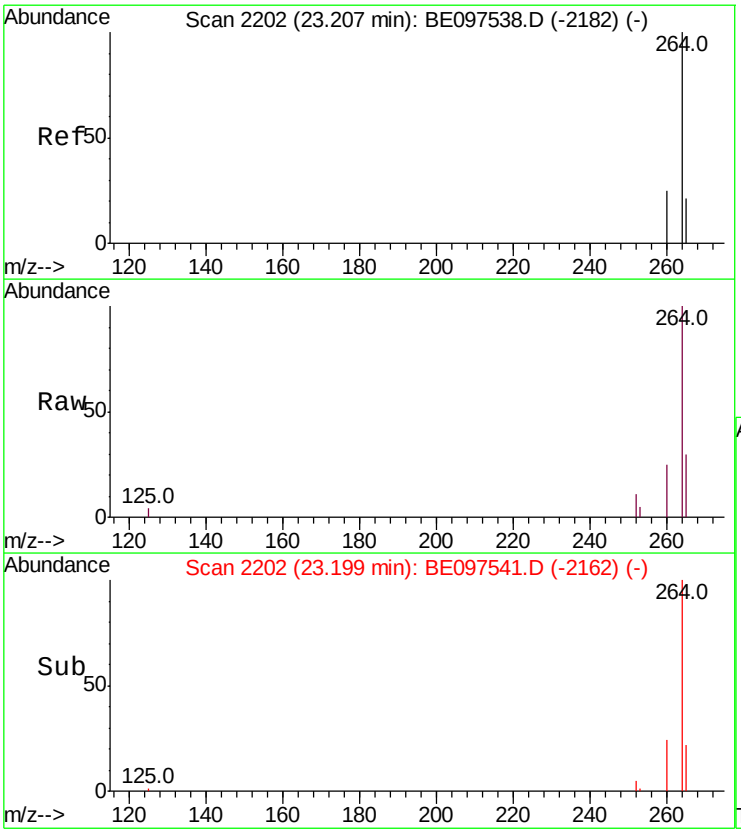
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.095 ng
RT: 25.48 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 91435

Ion	Ratio	Lower	Upper
276	100		
138	20.7	22.5	33.7#
277	25.1	19.9	29.9

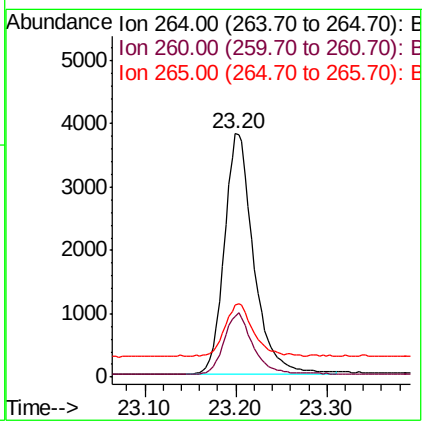


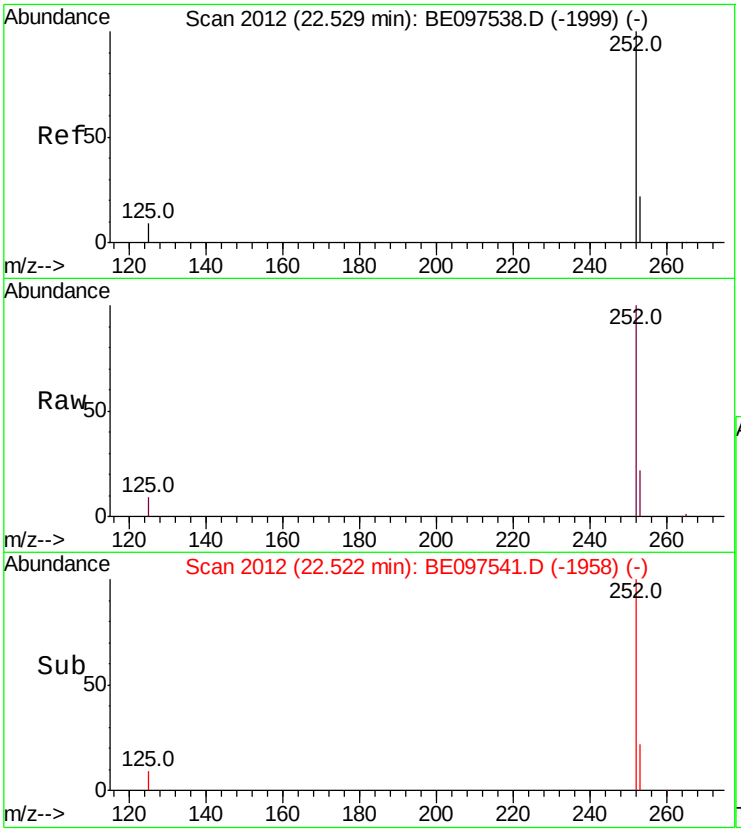


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:264 Resp: 8506

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	29.7	22.8	34.2



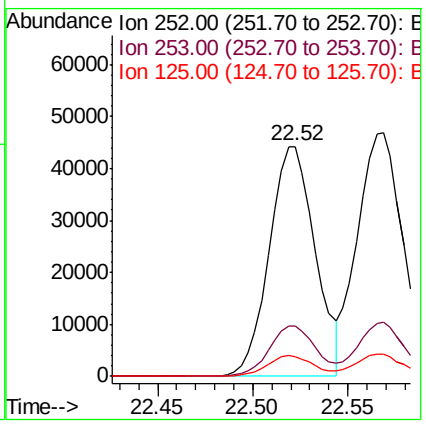


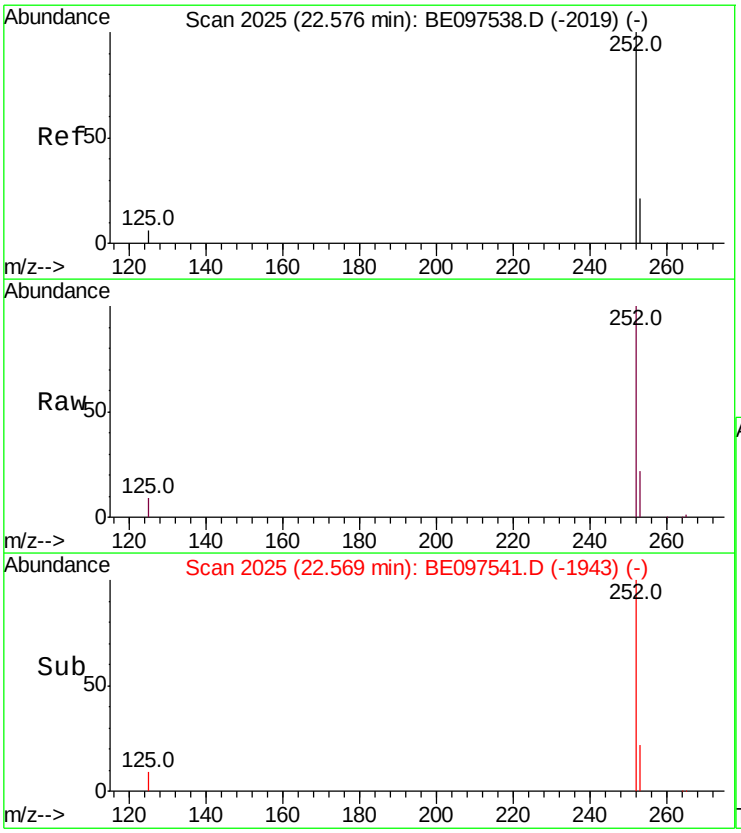
#35
Benzo(b)fluoranthene
Concen: 3.412 ng
RT: 22.52 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 74194

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.0	30.0
125	8.8	16.0	24.0#

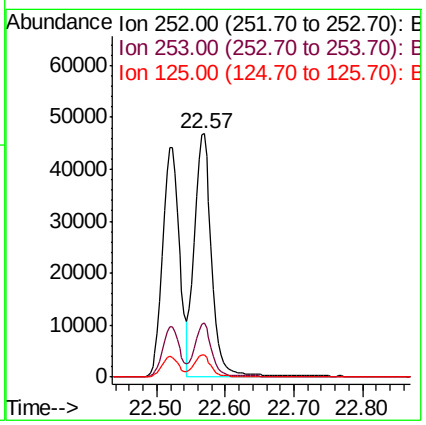


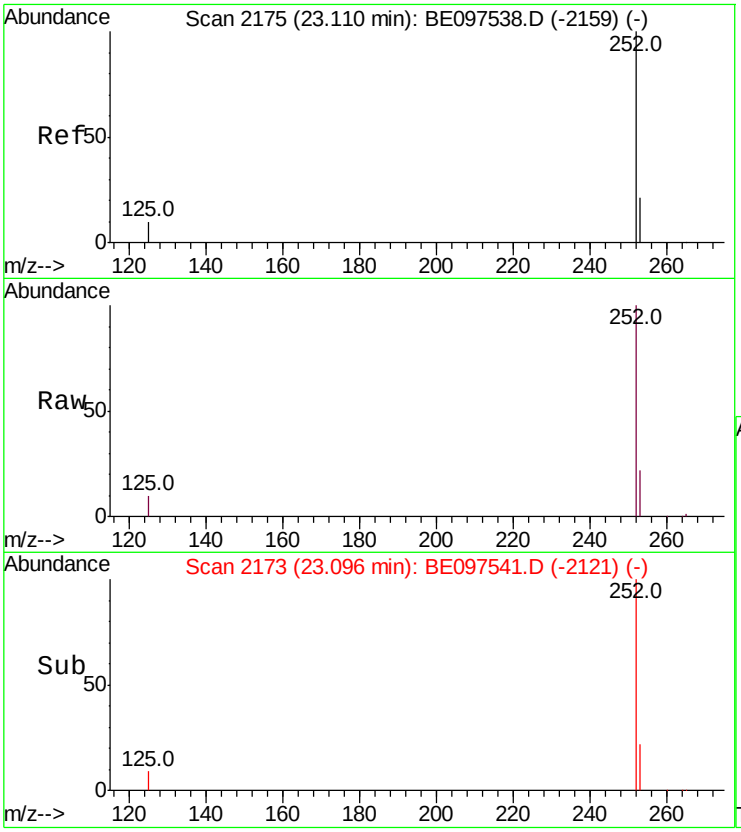


#36
Benzo(k)fluoranthene
Concen: 3.443 ng
RT: 22.57 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:252 Resp: 81670

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.0	24.0
125	9.0	8.0	12.0



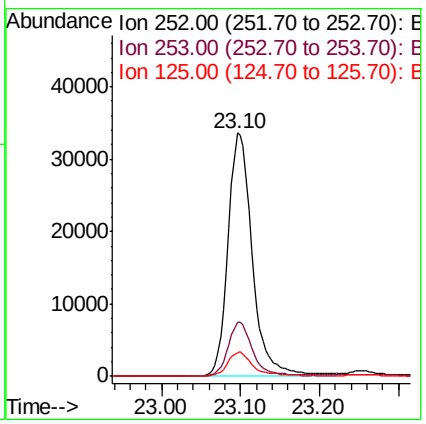


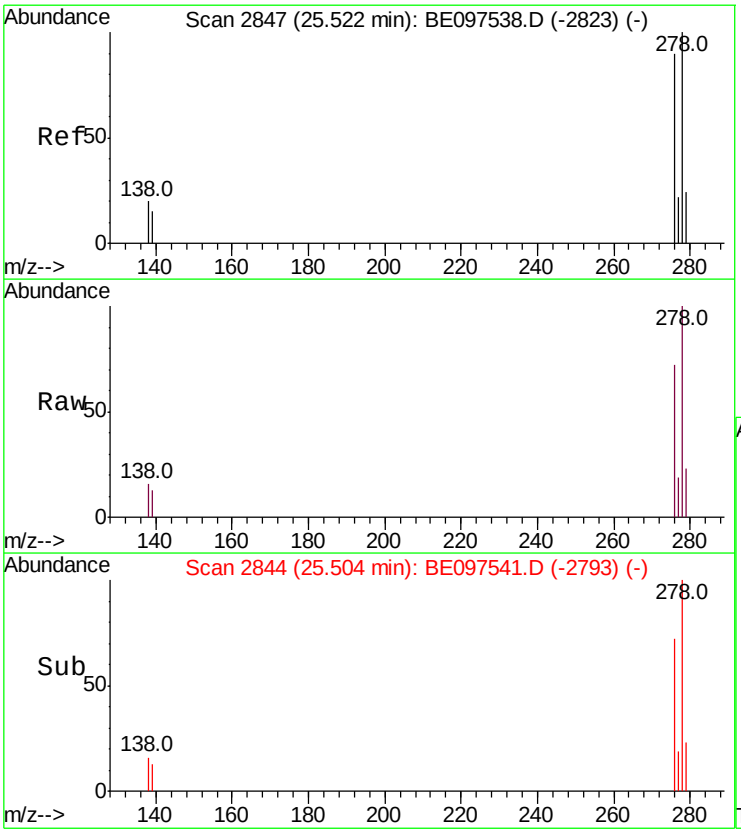
#37
Benzo(a)pyrene
Concen: 3.299 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 71285

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.0	24.0
125	9.6	12.0	18.0#

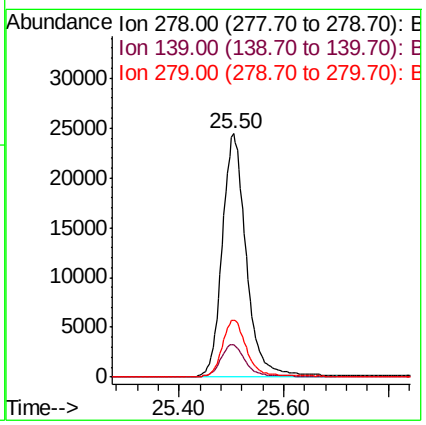


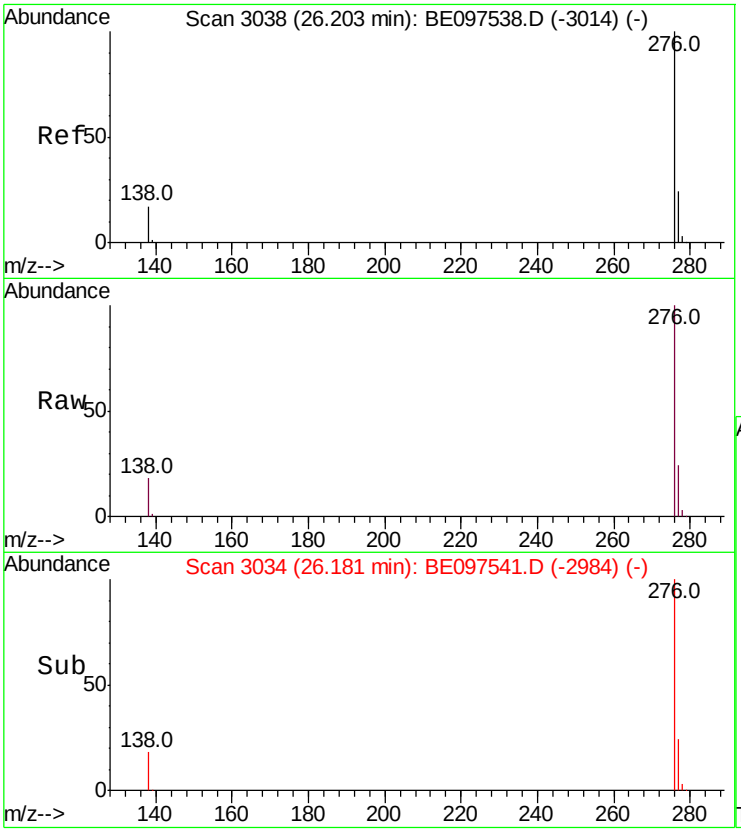


#38
Dibenzo(a,h)anthracene
Concen: 3.442 ng
RT: 25.50 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:278 Resp: 77576

Ion	Ratio	Lower	Upper
278	100		
139	13.1	16.0	24.0#
279	23.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 3.261 ng
RT: 26.18 min Scan# 3034
Delta R.T. -0.02 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 75065

Ion	Ratio	Lower	Upper
276	100		
277	23.8	16.0	24.0
138	18.0	20.0	30.0#