Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097561.D
Acq On : 20 Sep 2018 4:03
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 20 05:12:01 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 16:26:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	745	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3914	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2787	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	8325	0.40	ng		0.00
27) Chrysene-d12	20.97	240	9153	0.40	ng		0.00
34) Perylene-d12	23.20	264	9236	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	890	0.40	ng		0.01
5) Phenol-d6	6.61	99	1120	0.39	ng		0.01
8) Nitrobenzene-d5	8.53	82	1167	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	11.72	152	2337	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	413	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3538	0.36	ng		-0.01
25) Fluoranthene-d10	18.80	212	35115	0.33	ng		0.00
29) Terphenyl-d14	19.42	244	6973	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	500	0.392	ng	#	86
3) n-Nitrosodimethylamine	3.37	42	414	0.383	ng	#	90
6) bis(2-Chloroethyl)ether	6.83	93	1086	0.410	ng	#	69
9) Naphthalene	10.17	128	13989	0.397	ng		99
10) Hexachlorobutadiene	10.46	225	611	0.376	ng		98
12) 2-Methylnaphthalene	11.79	142	2336	0.425	ng		99
16) Acenaphthylene	13.71	152	4493	0.408	ng		99
17) Acenaphthene	14.06	154	2977	0.403	ng		96
18) Fluorene	15.05	166	4071	0.423	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	1462	0.390	ng	#	88
21) Hexachlorobenzene	16.07	284	1638	0.397	ng	#	84
22) Pentachlorophenol	16.45	266	255	0.268	ng		86
23) Phenanthrene	16.80	178	7513	0.380	ng		99
24) Anthracene	16.89	178	6606	0.378	ng		95
26) Fluoranthene	18.83	202	9079	0.331	ng		98
28) Pyrene	19.20	202	9463	0.454	ng		100
30) Benzo(a)anthracene	20.96	228	9206	0.399	ng		96
31) Chrysene	21.00	228	9783	0.396	ng		99
32) Bis(2-ethylhexyl)phthalate	20.91	149	16285	0.431	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	11742	0.394	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	9059	0.383	ng	#	90
36) Benzo(k)fluoranthene	22.57	252	10207	0.377	ng	#	92
37) Benzo(a)pyrene	23.11	252	9150	0.399	ng	#	91
38) Dibenzo(a,h)anthracene	25.51	278	9824	0.396	ng		96
39) Benzo(g,h,i)perylene	26.20	276	9523	0.394	ng	#	90

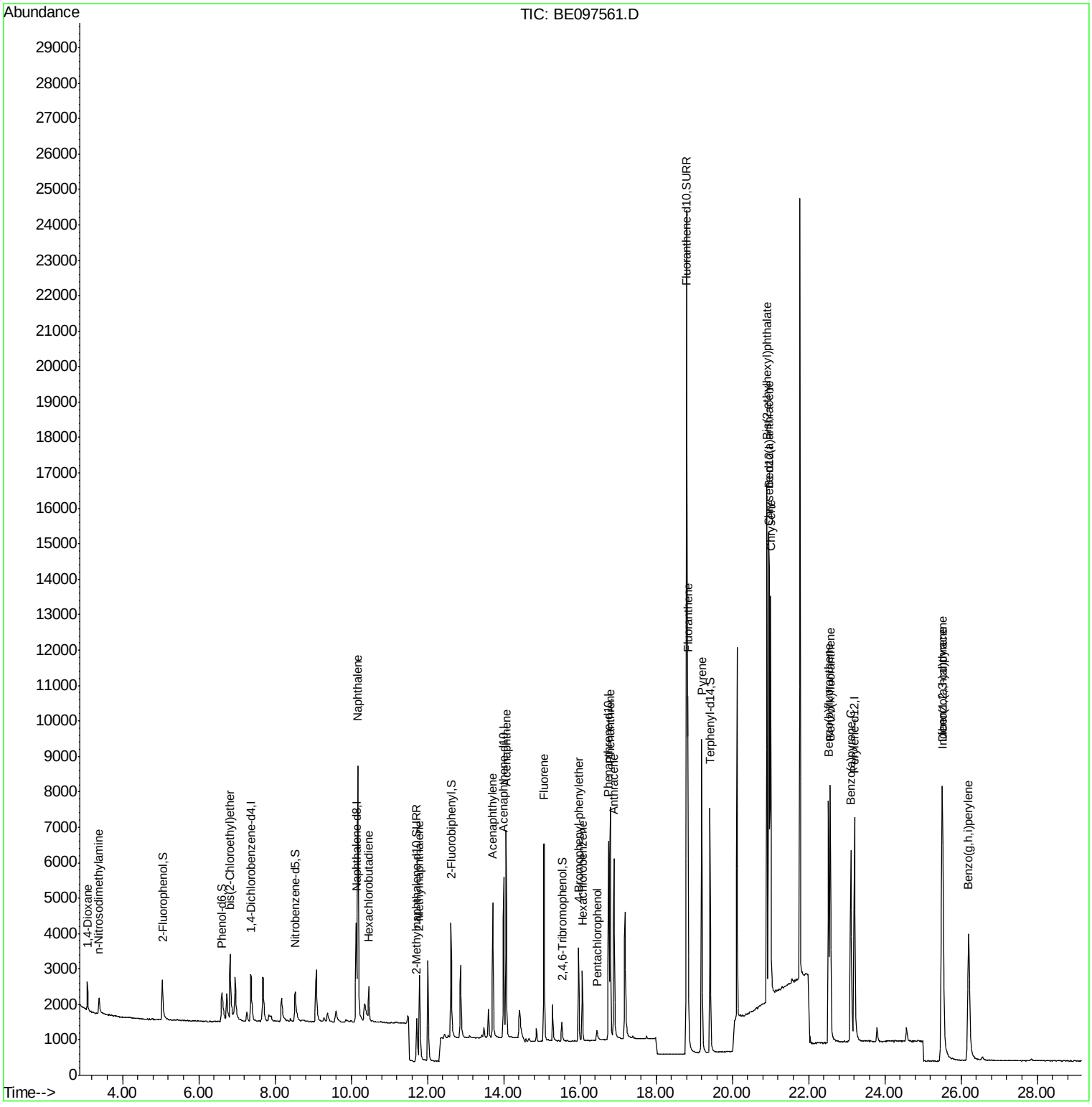
(#) = qualifier out of range (m) = manual integration (+) = signals summed

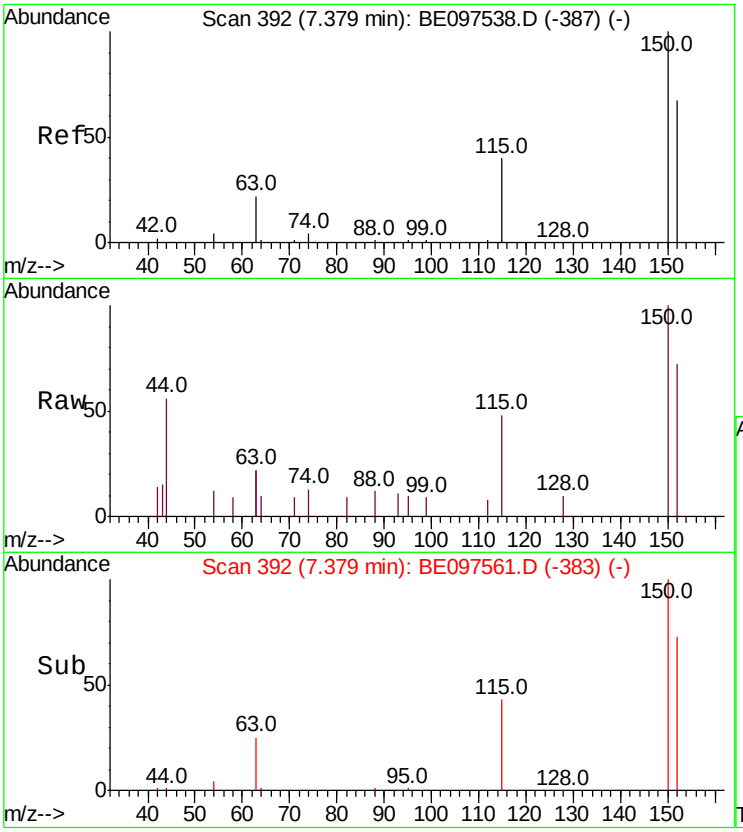
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097561.D
Acq On : 20 Sep 2018 4:03
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 20 05:12:01 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 16:26:00 2018
Response via : Initial Calibration



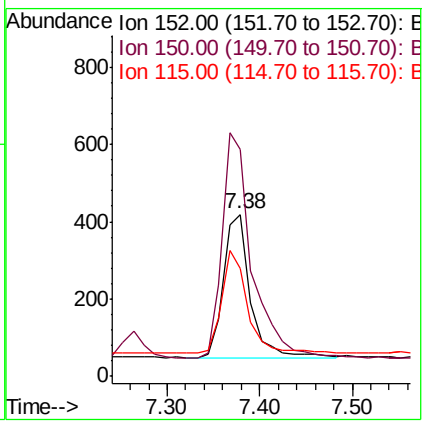


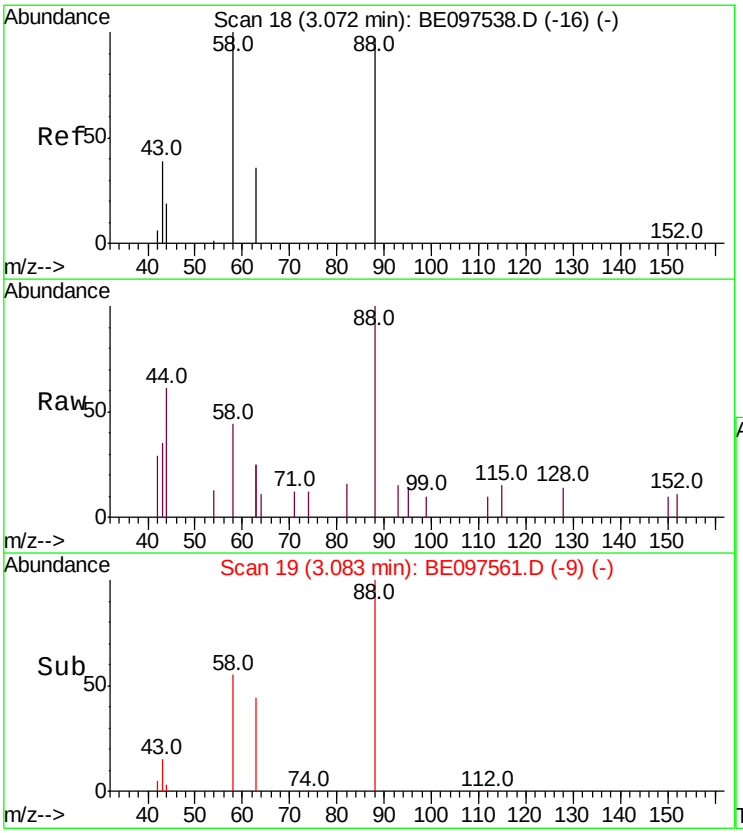
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 745

Ion	Ratio	Lower	Upper
152	100		
150	139.8	117.2	175.8
115	66.4	57.0	85.6

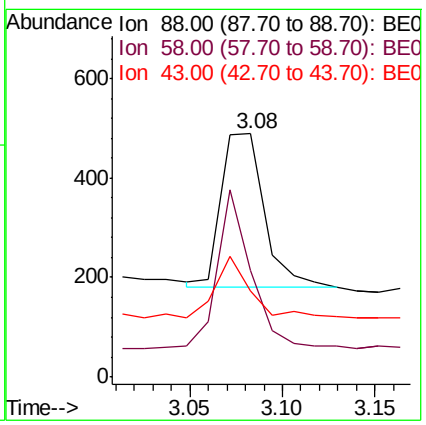


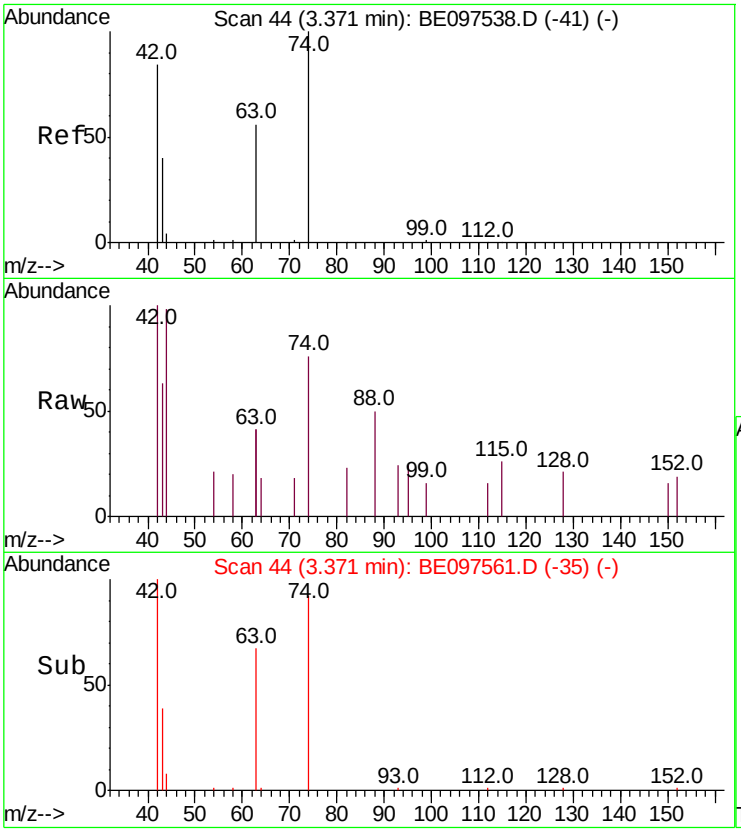


#2
1,4-Dioxane
Concen: 0.392 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion: 88 Resp: 500

Ion	Ratio	Lower	Upper
88	100		
58	82.8	63.2	94.8
43	32.2	41.2	61.8#



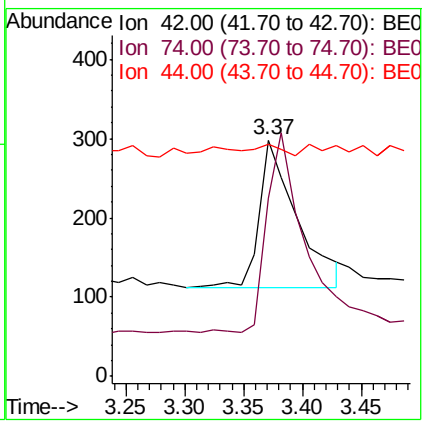


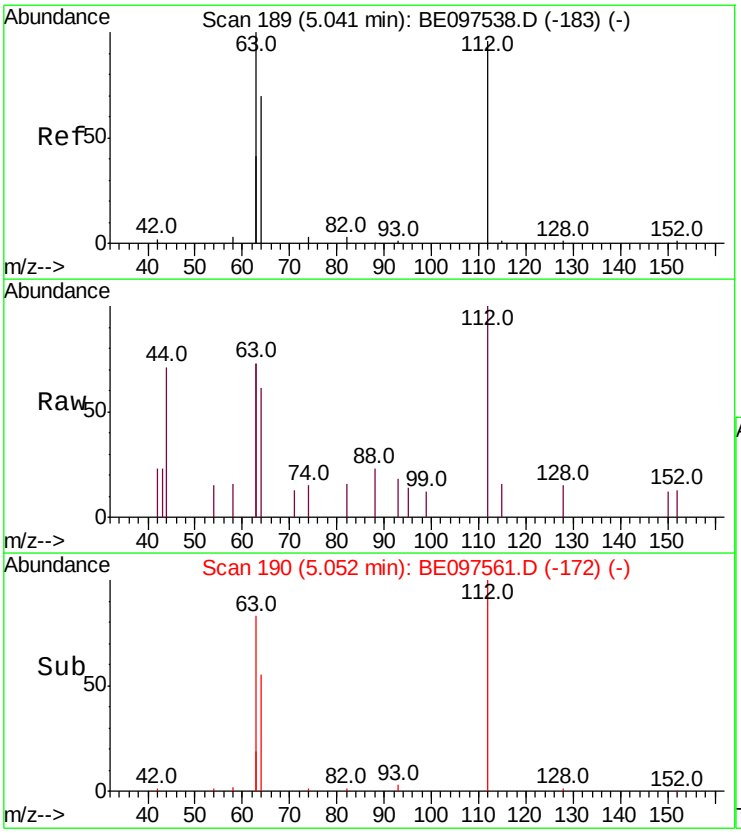
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 414

Ion	Ratio	Lower	Upper
42	100		
74	129.0	96.0	144.0
44	5.1	12.0	18.0#

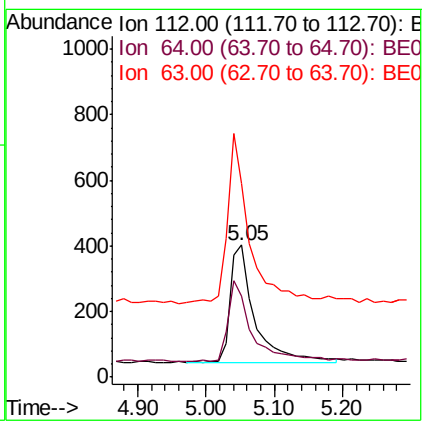


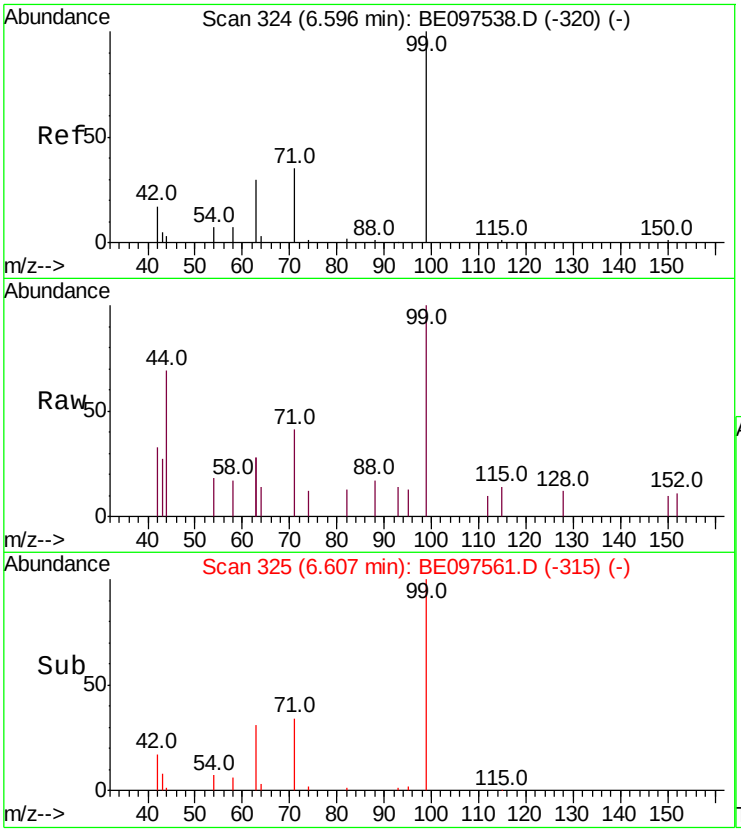


#4
2-Fluorophenol
Concen: 0.399 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.01 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:112 Resp: 890

Ion	Ratio	Lower	Upper
112	100		
64	66.5	60.1	90.1
63	132.9	116.8	175.2



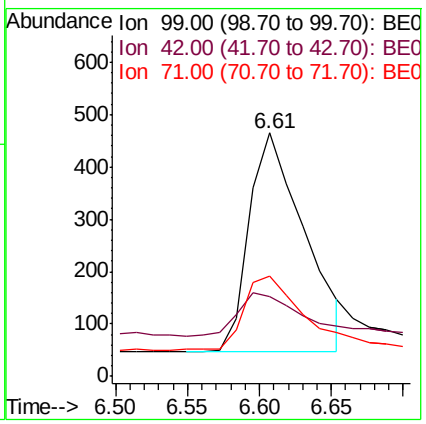


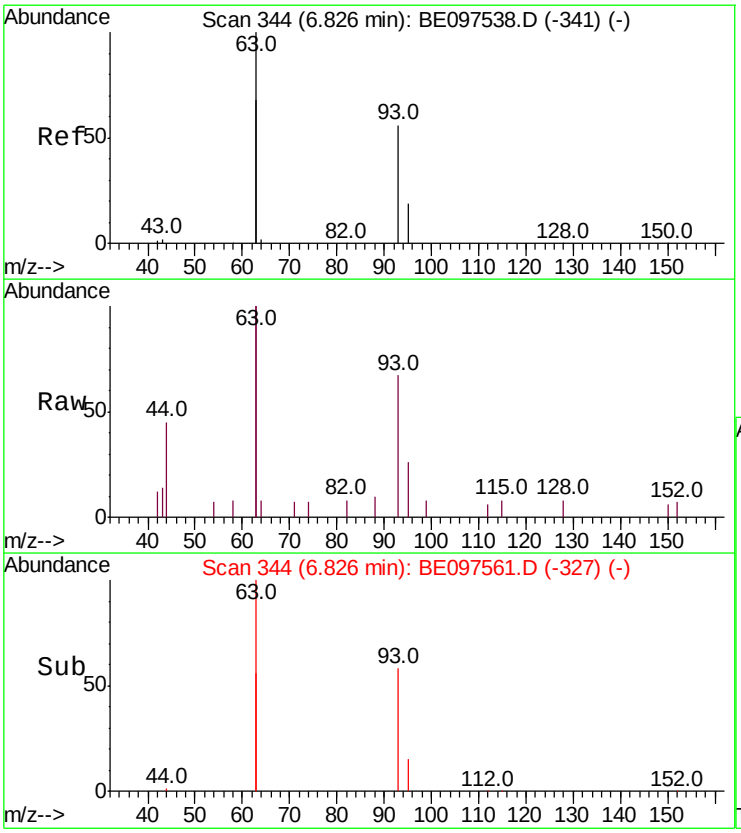
#5
Phenol-d6
Concen: 0.392 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.01 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1120

Ion	Ratio	Lower	Upper
99	100		
42	21.5	20.2	30.2
71	34.6	28.4	42.6

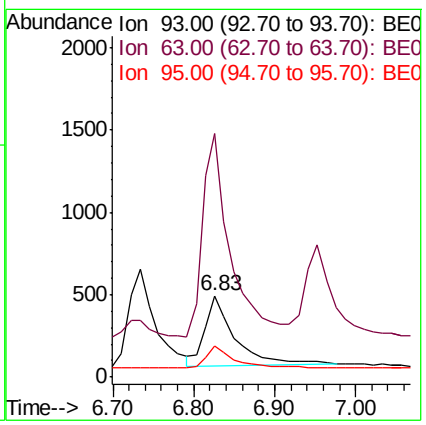


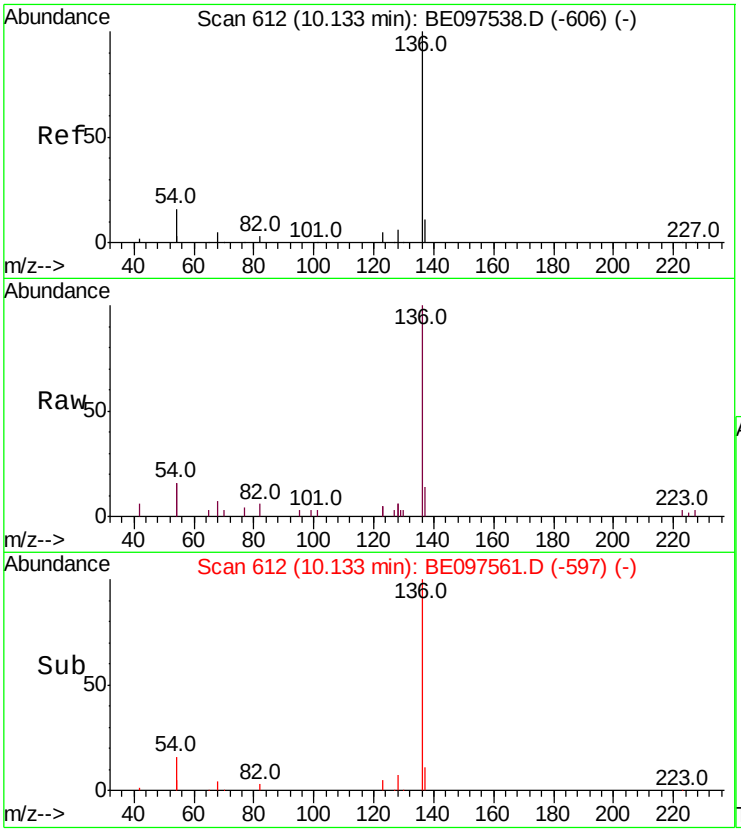


#6
bis(2-Chloroethyl)ether
Concen: 0.410 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion: 93 Resp: 1086

Ion	Ratio	Lower	Upper
93	100		
63	271.7	275.3	412.9#
95	29.0	25.2	37.8



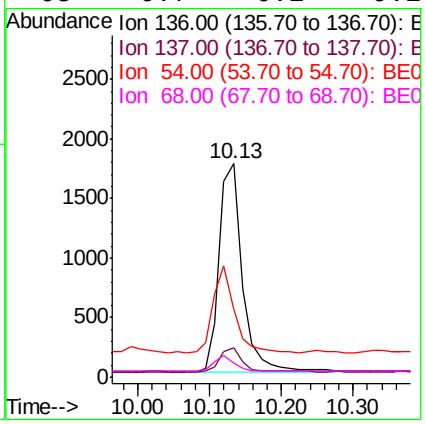


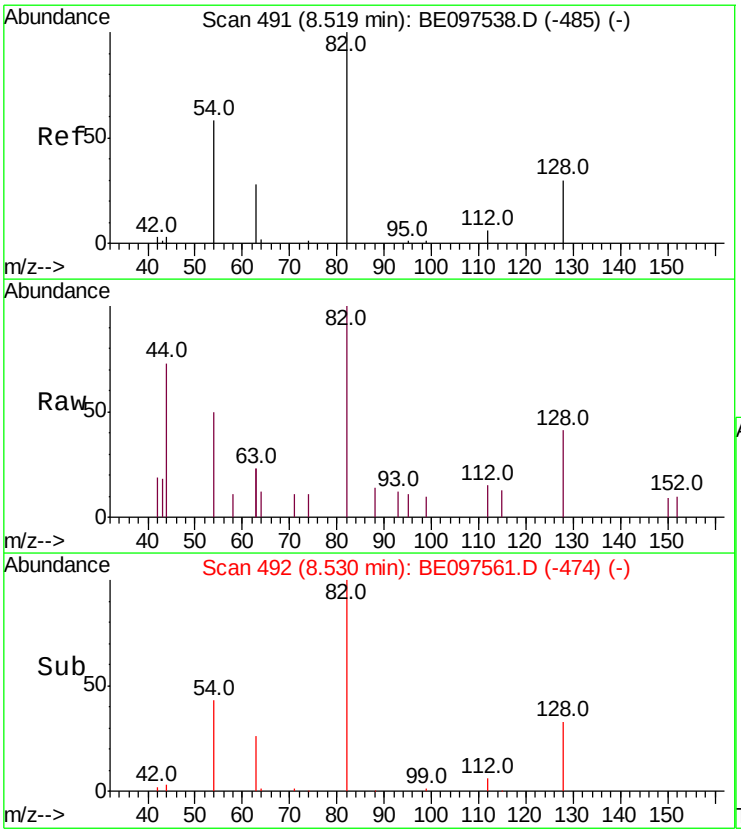
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 3914

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.5	14.3
54	31.7	29.1	43.7
68	6.7	6.2	9.2

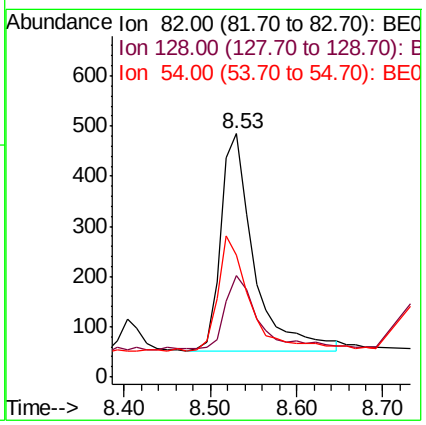


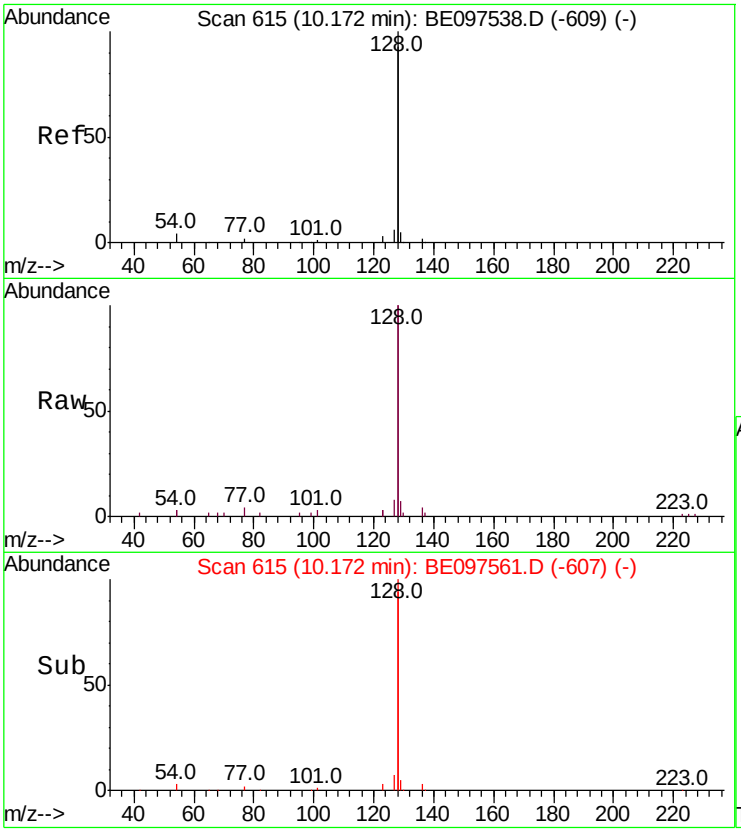


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion: 82 Resp: 1167

Ion	Ratio	Lower	Upper
82	100		
128	41.4	24.0	36.0#
54	49.9	40.0	60.0



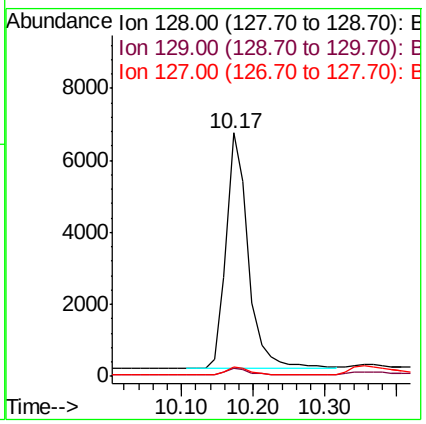


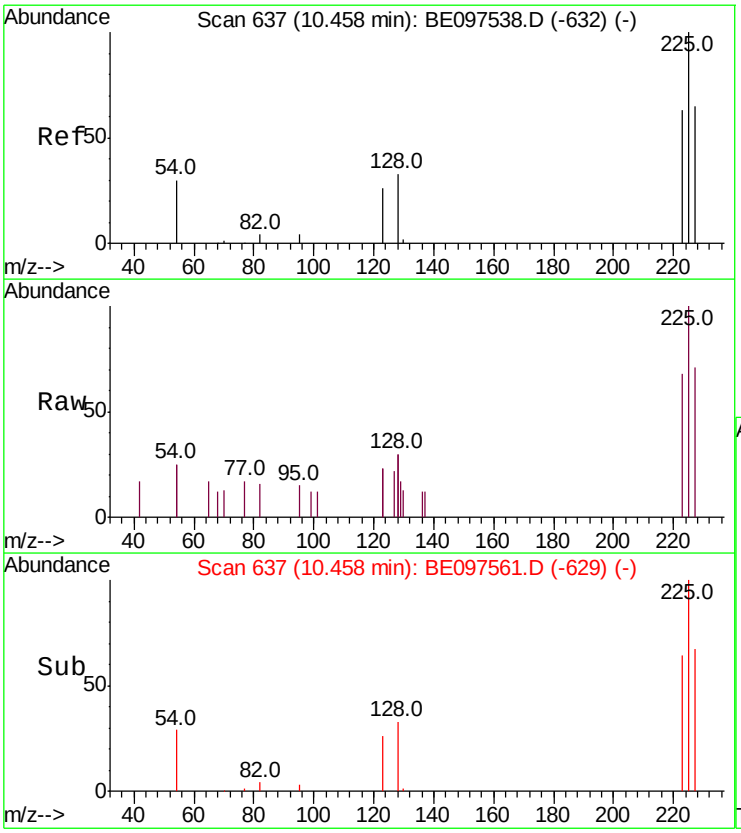
#9
Naphthalene
Concen: 0.397 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 13989

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	3.8
127	4.0	2.8	4.2

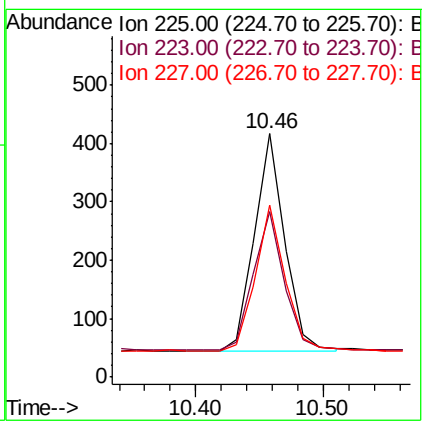


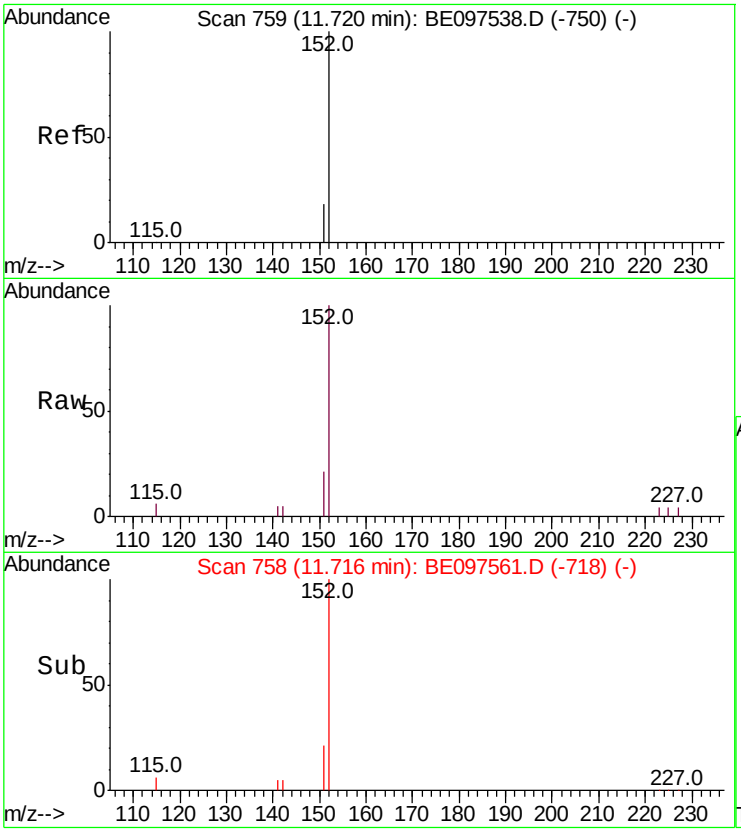


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:225 Resp: 611

Ion	Ratio	Lower	Upper
225	100		
223	65.0	53.0	79.6
227	66.3	51.4	77.2



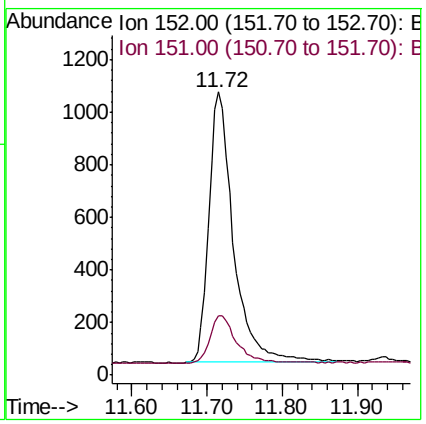


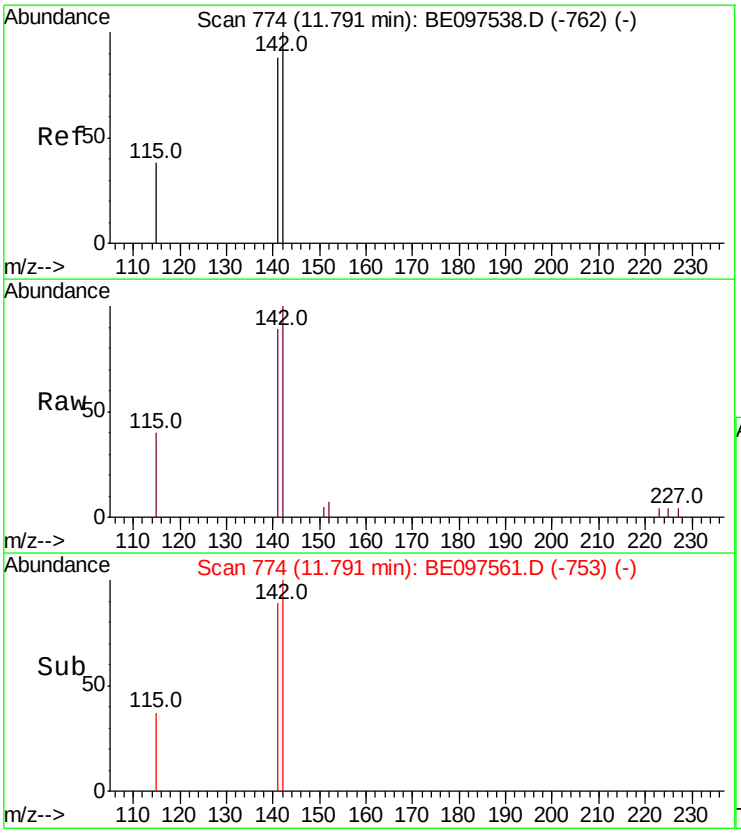
#11
2-Methylnaphthalene-d10
Concen: 0.433 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2337

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0

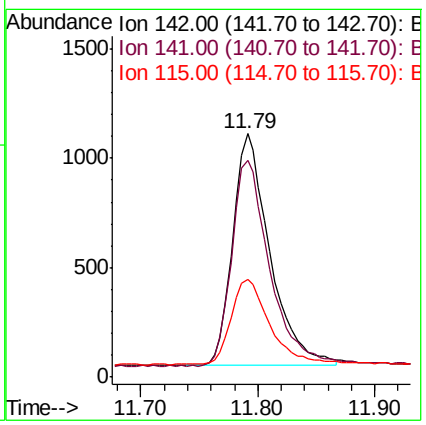


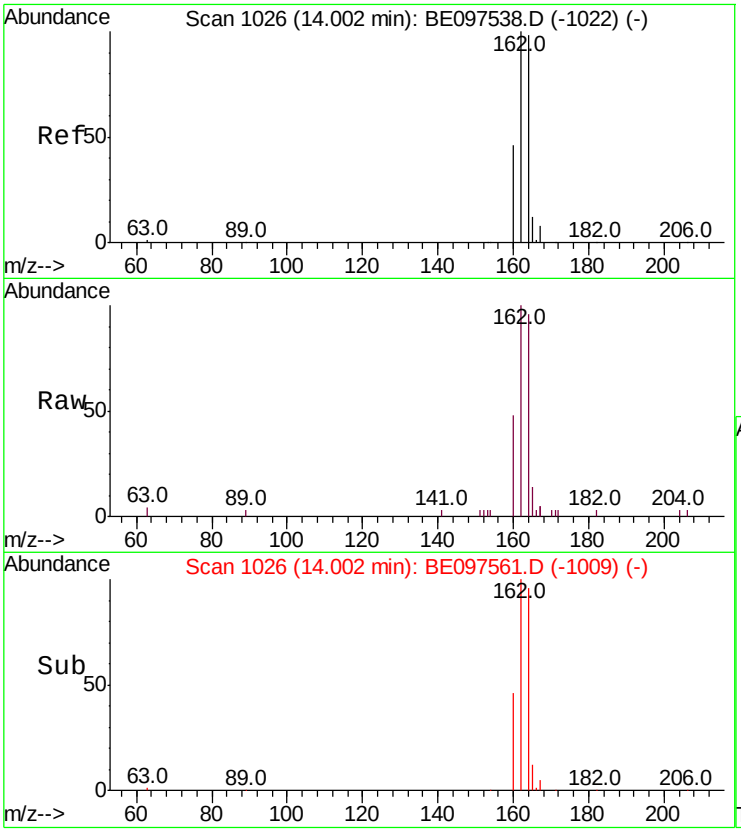


#12
2-Methylnaphthalene
Concen: 0.425 ng
RT: 11.79 min Scan# 774
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:142 Resp: 2336

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	40.4	31.7	47.5



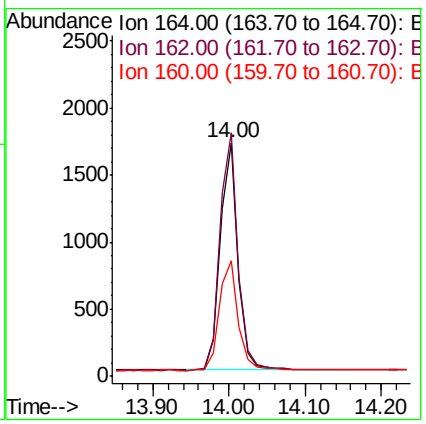


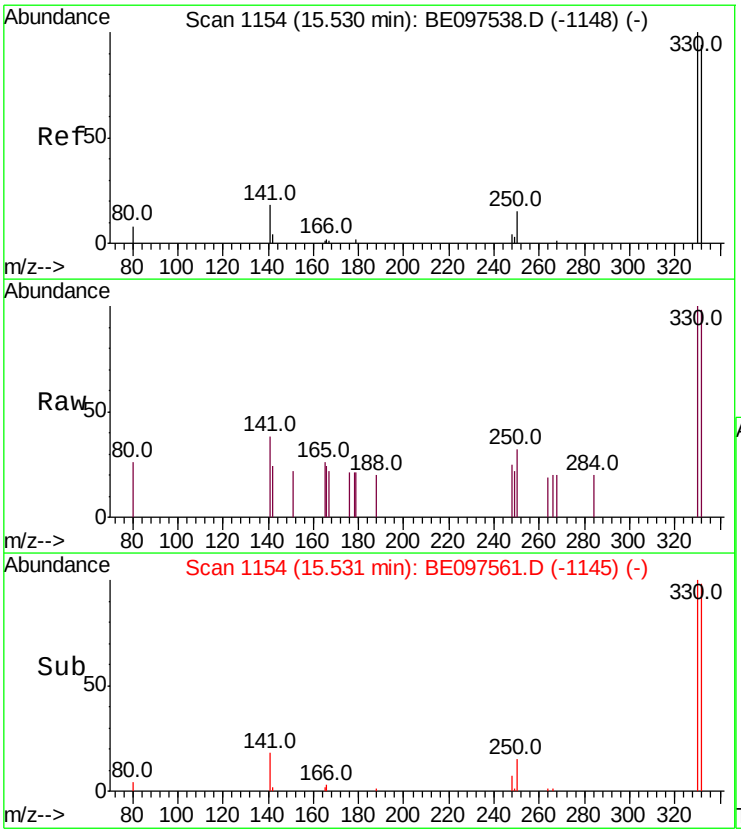
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2787

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.1	124.7
160	49.8	37.1	55.7

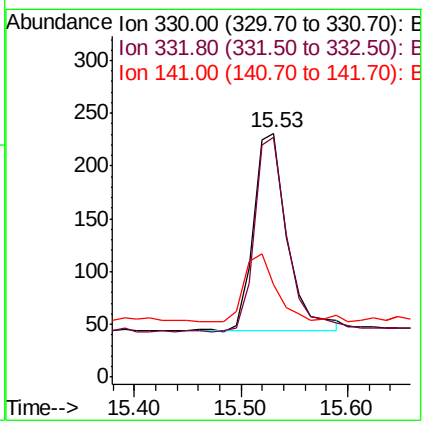


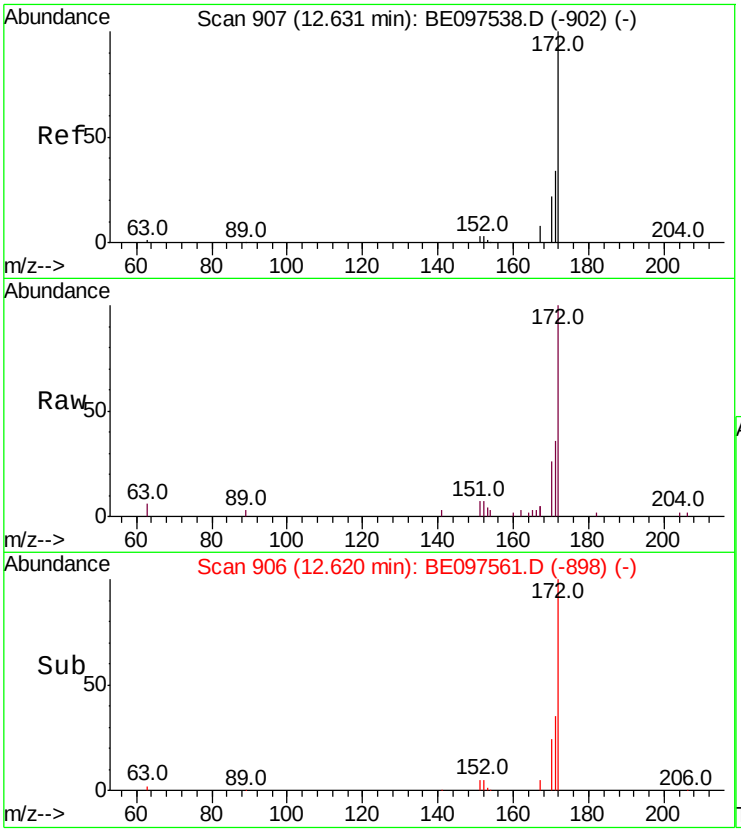


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:330 Resp: 413

Ion	Ratio	Lower	Upper
330	100		
332	96.4	152.7	229.1#
141	33.4	33.7	50.5#



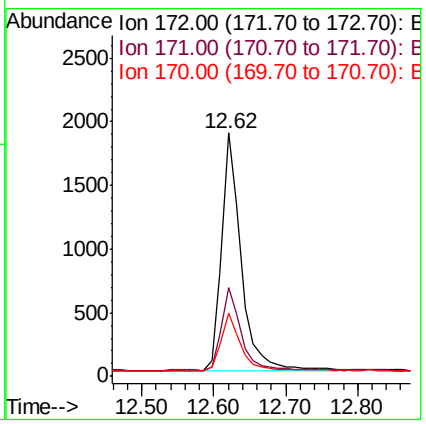


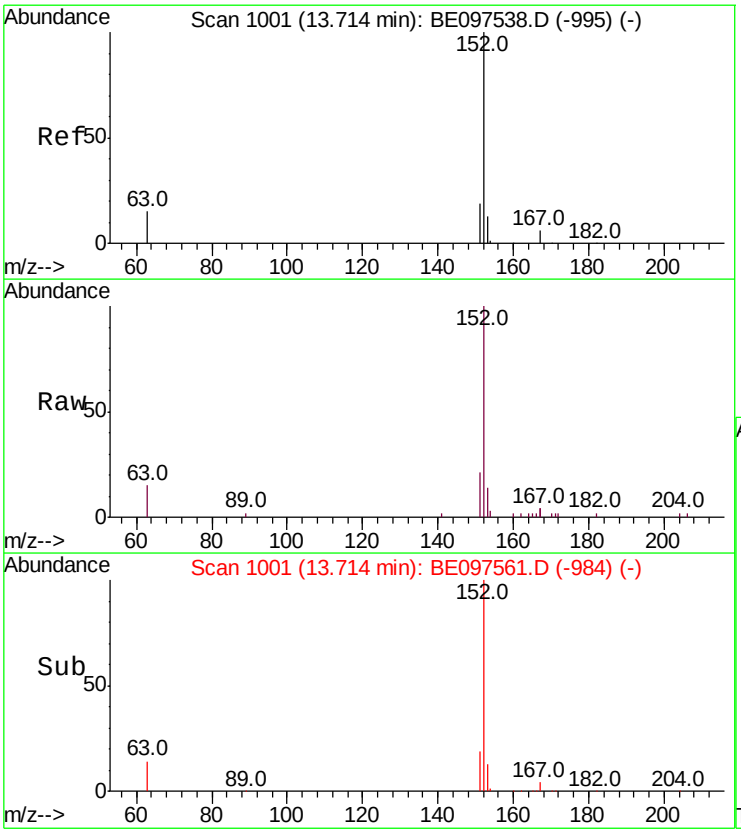
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3538

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	26.0	21.8	32.8

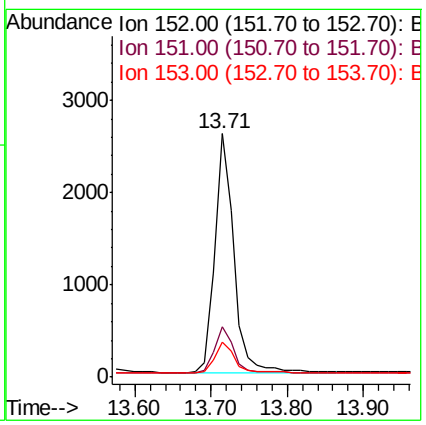


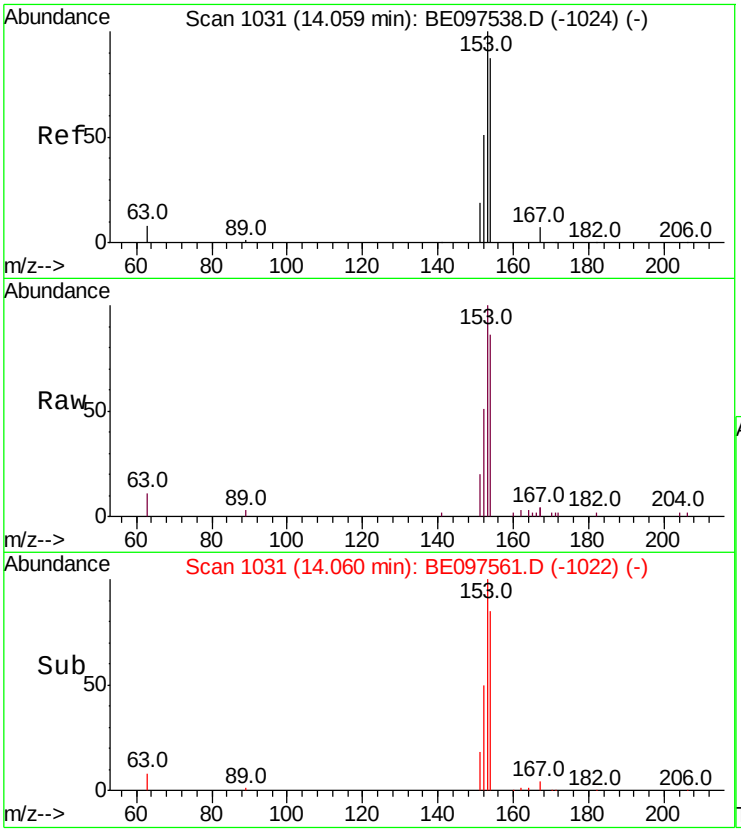


#16
Acenaphthylene
Concen: 0.408 ng
RT: 13.71 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:152 Resp: 4493

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.9	10.5	15.7



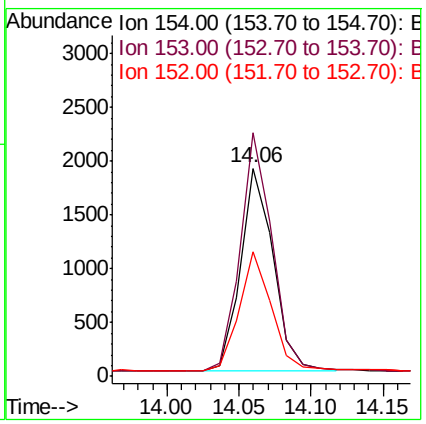


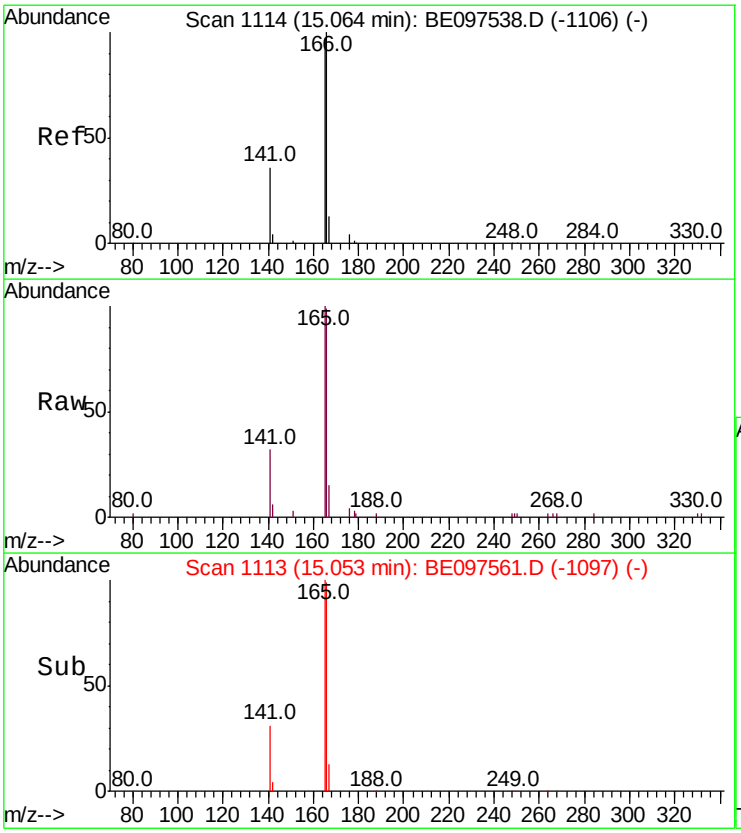
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2977

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.2	133.8
152	57.2	42.0	63.0

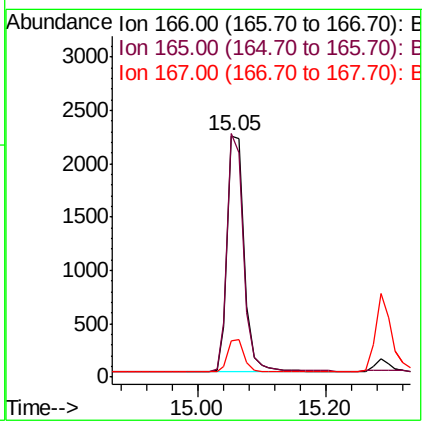


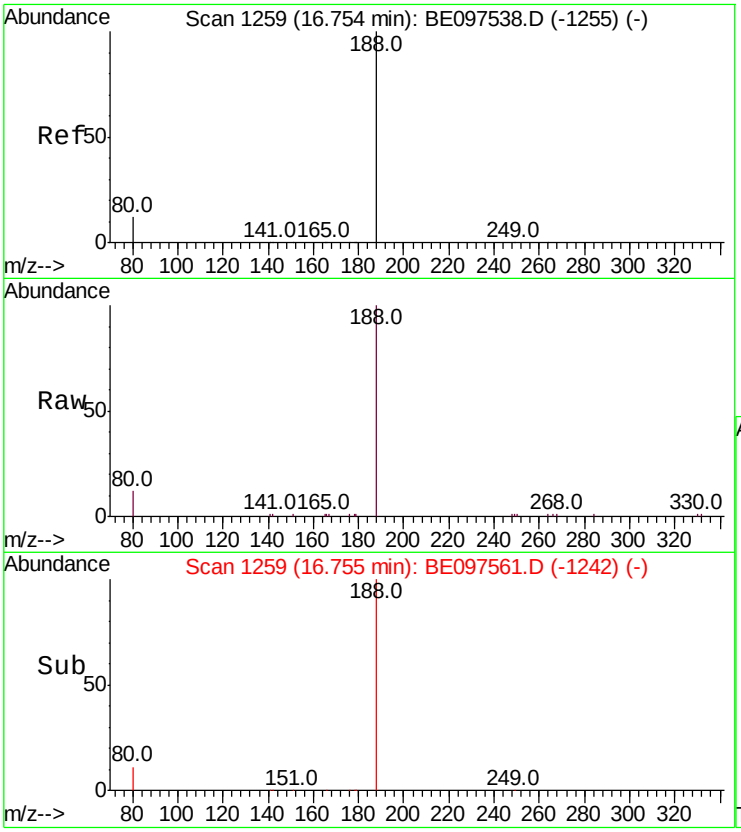


#18
Fluorene
Concen: 0.423 ng
RT: 15.05 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:166 Resp: 4071

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.8	116.6
167	13.3	42.4	63.6#



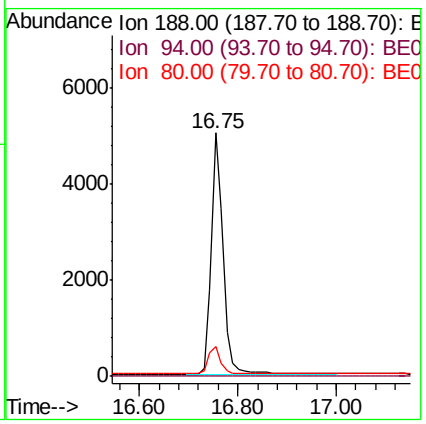


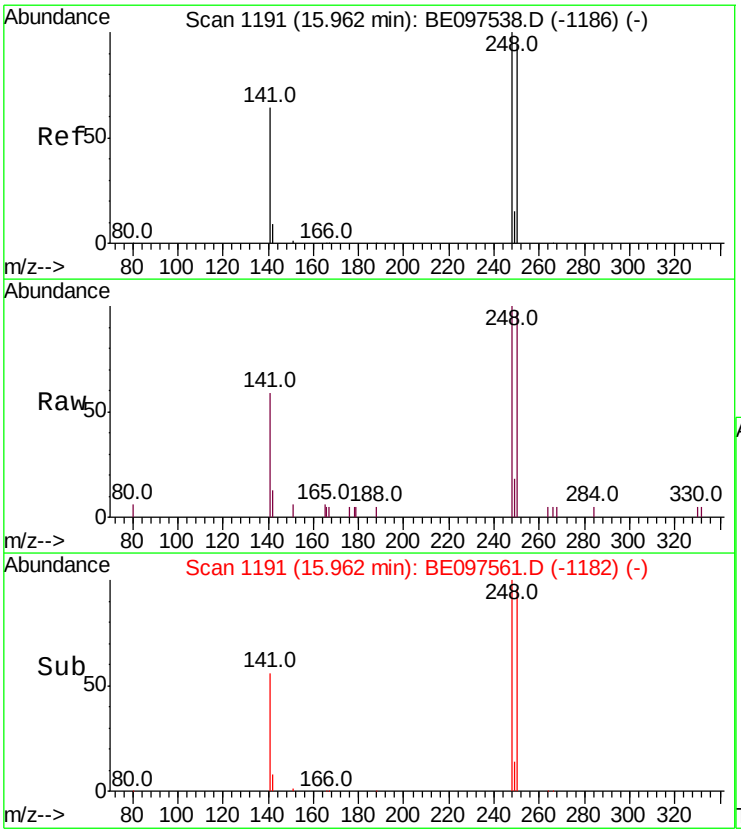
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 8325

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.3	3.6	5.4#

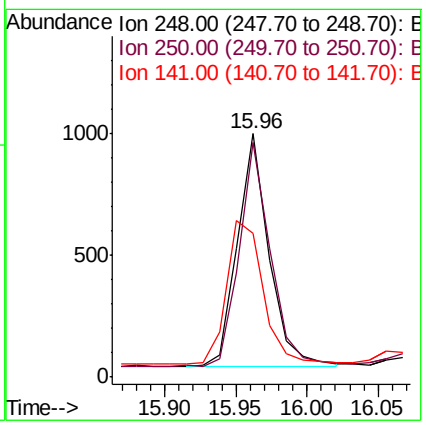


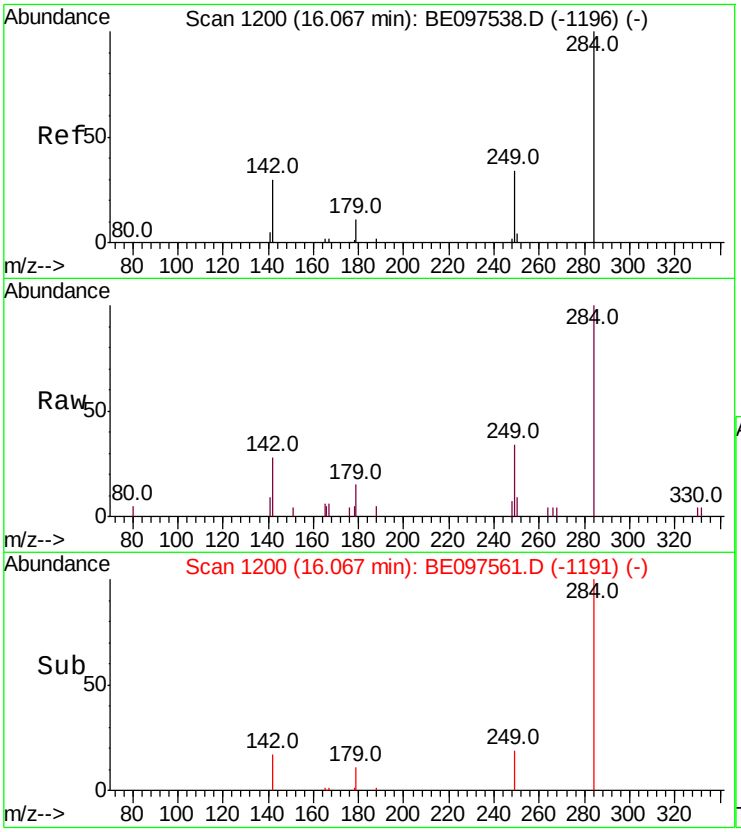


#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:248 Resp: 1462

Ion	Ratio	Lower	Upper
248	100		
250	96.6	62.7	94.1#
141	59.1	48.2	72.2



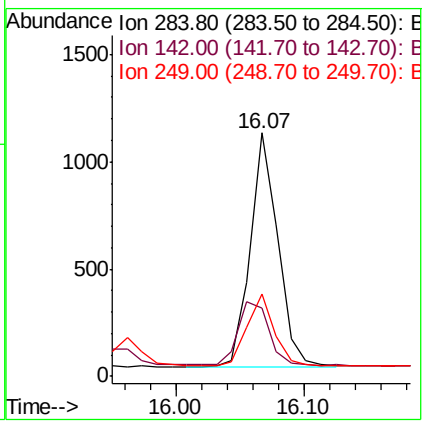


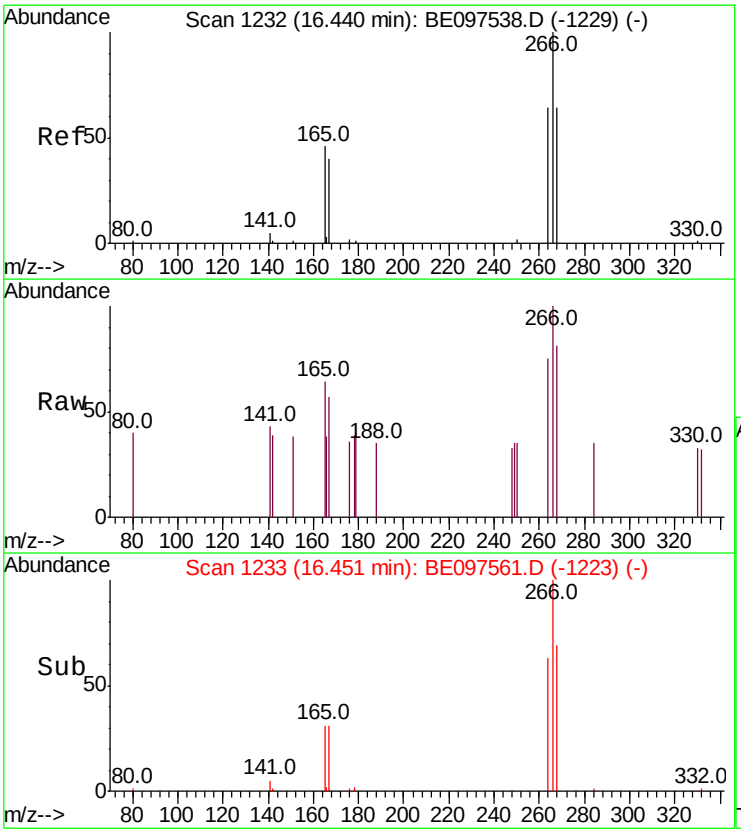
#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1638

Ion	Ratio	Lower	Upper
284	100		
142	30.6	22.1	33.1
249	29.5	34.8	52.2#

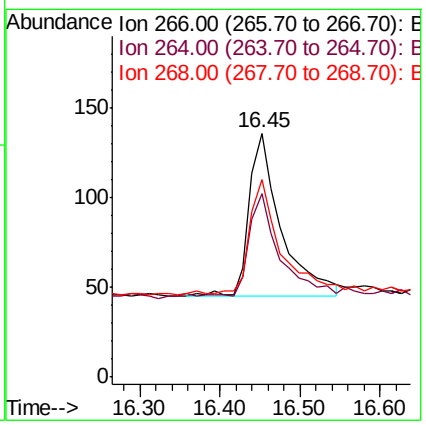


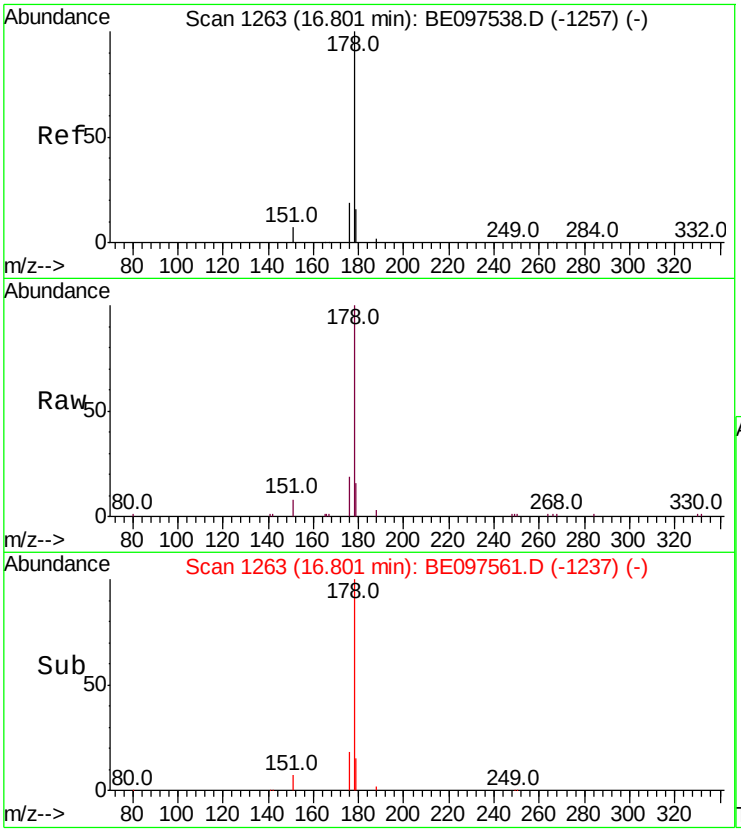


#22
Pentachlorophenol
Concen: 0.268 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:266 Resp: 255

Ion	Ratio	Lower	Upper
266	100		
264	75.0	72.5	108.7
268	80.9	73.8	110.6



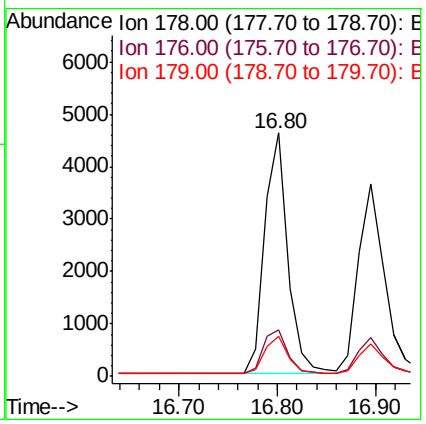


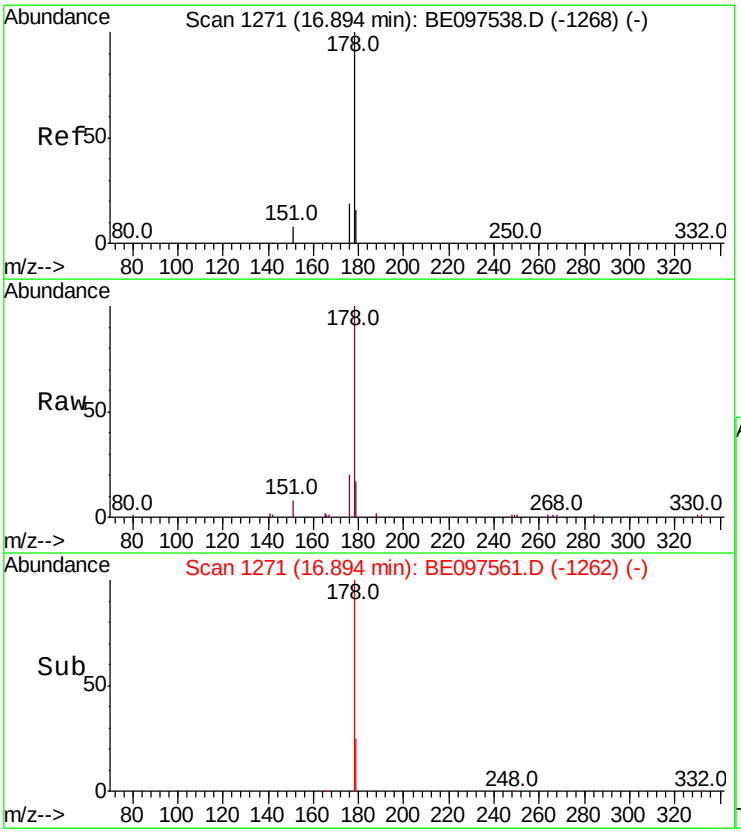
#23
Phenanthrene
Concen: 0.380 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 7513

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.6	11.8	17.6

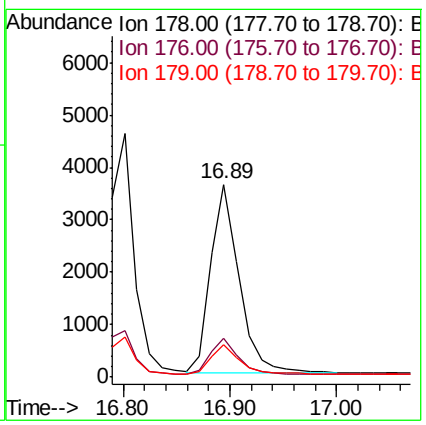


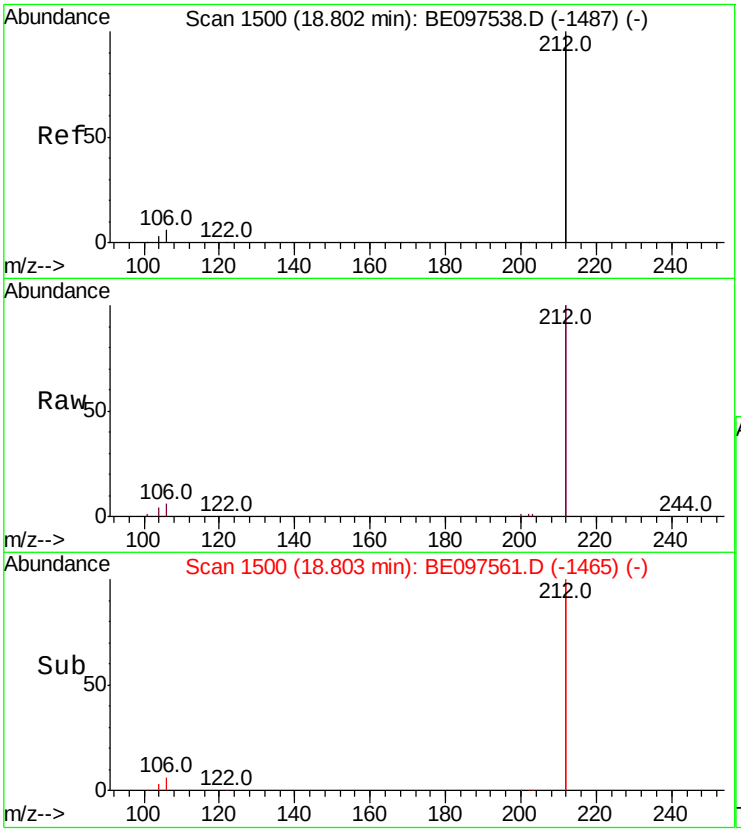


#24
Anthracene
Concen: 0.378 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:178 Resp: 6606

Ion	Ratio	Lower	Upper
178	100		
176	19.2	12.8	19.2
179	15.1	13.0	19.6



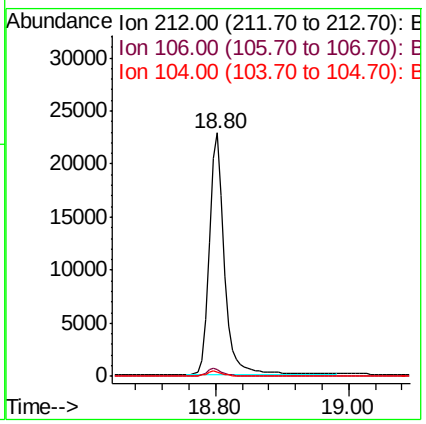


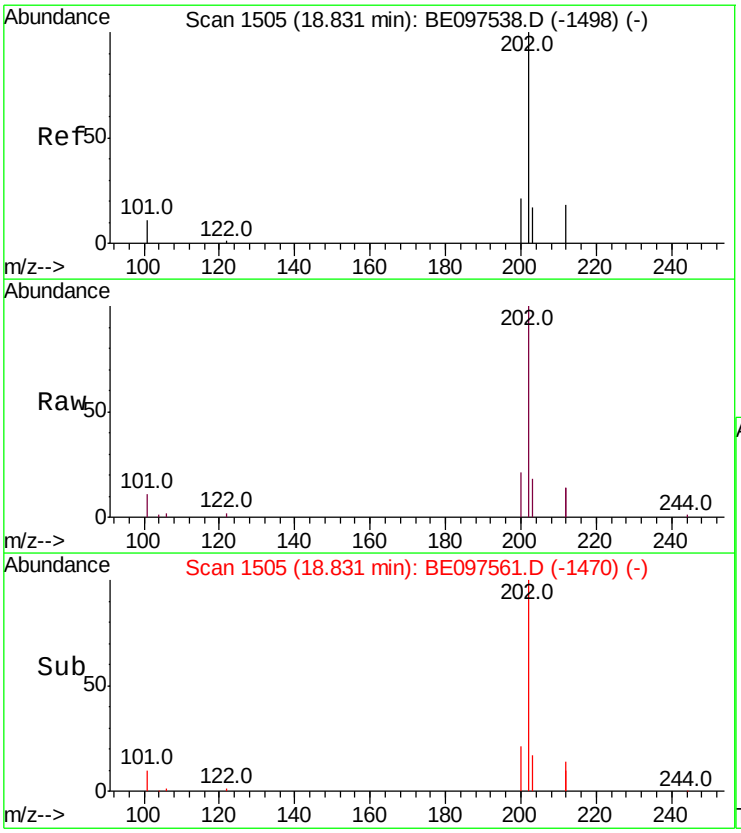
#25
Fluoranthene-d10
Concen: 0.329 ng
RT: 18.80 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 35115

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

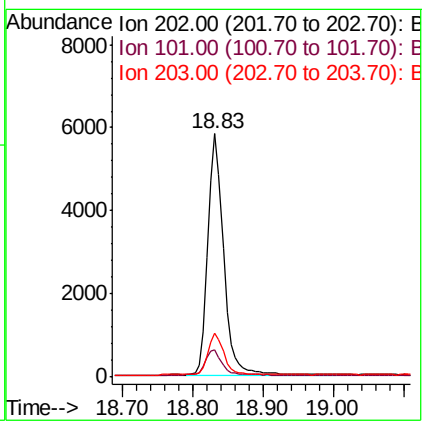


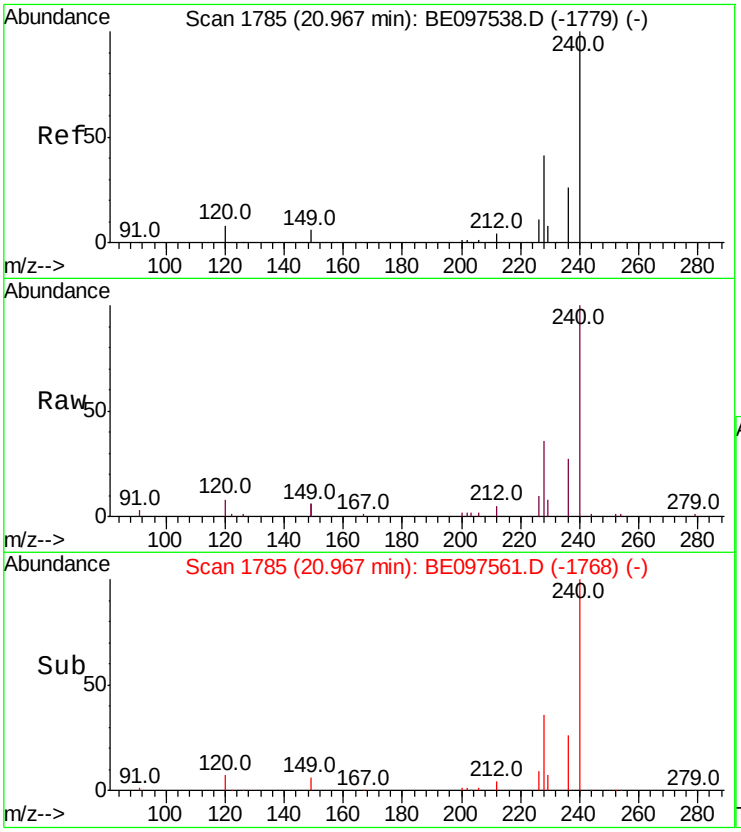


#26
Fluoranthene
Concen: 0.331 ng
RT: 18.83 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:202 Resp: 9079

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.8	14.8
203	17.2	13.7	20.5



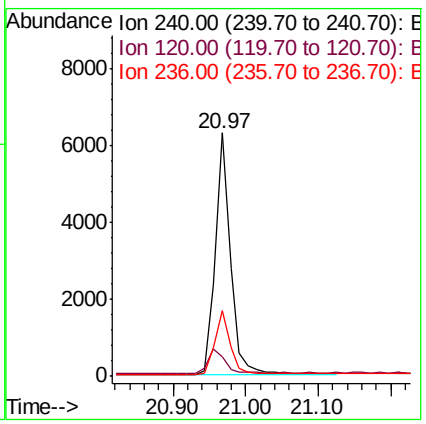


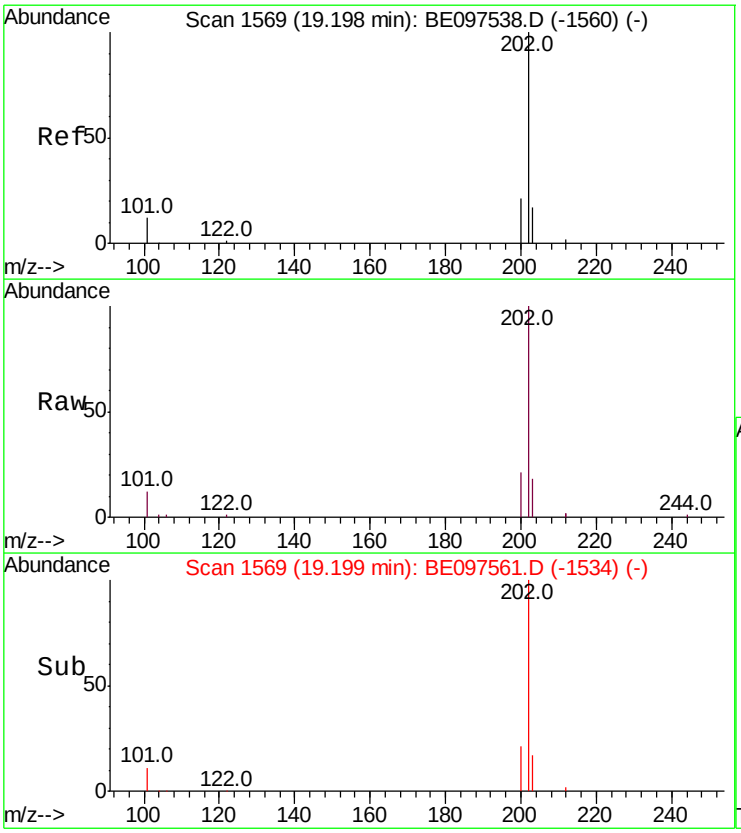
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 9153

Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.5	8.3
236	27.1	20.7	31.1

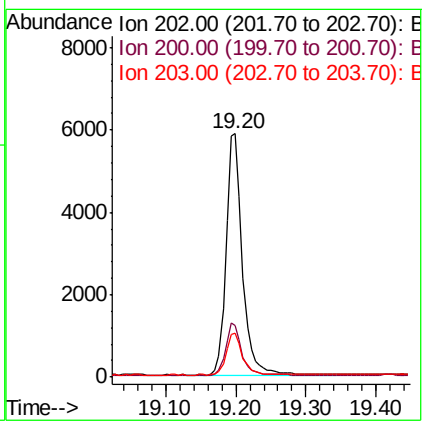


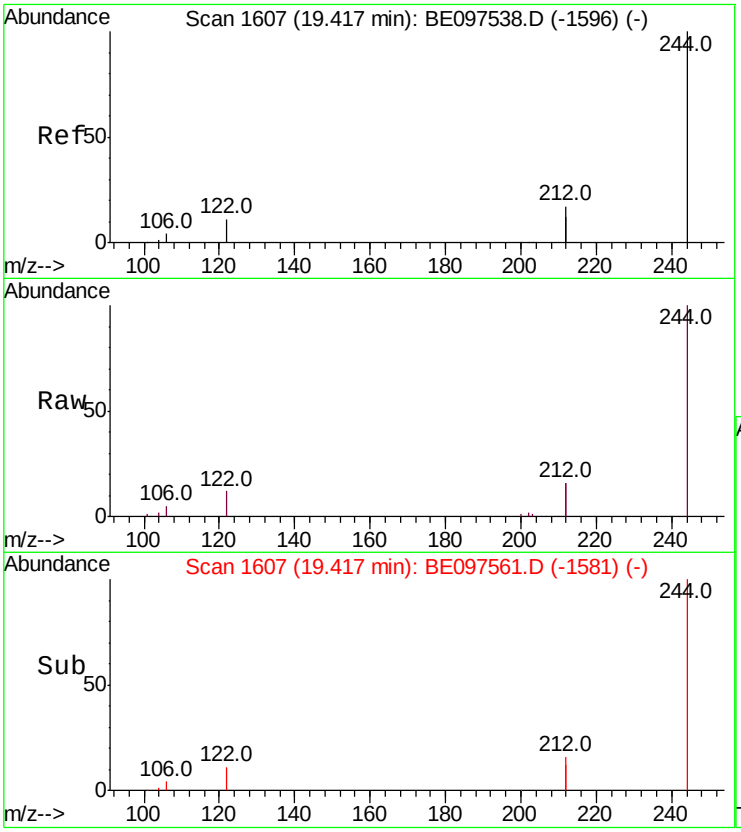


#28
Pyrene
Concen: 0.454 ng
RT: 19.20 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:202 Resp: 9463

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



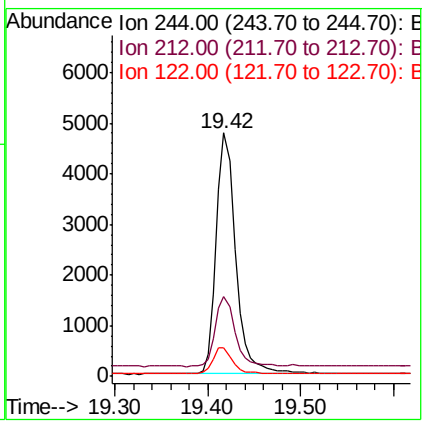


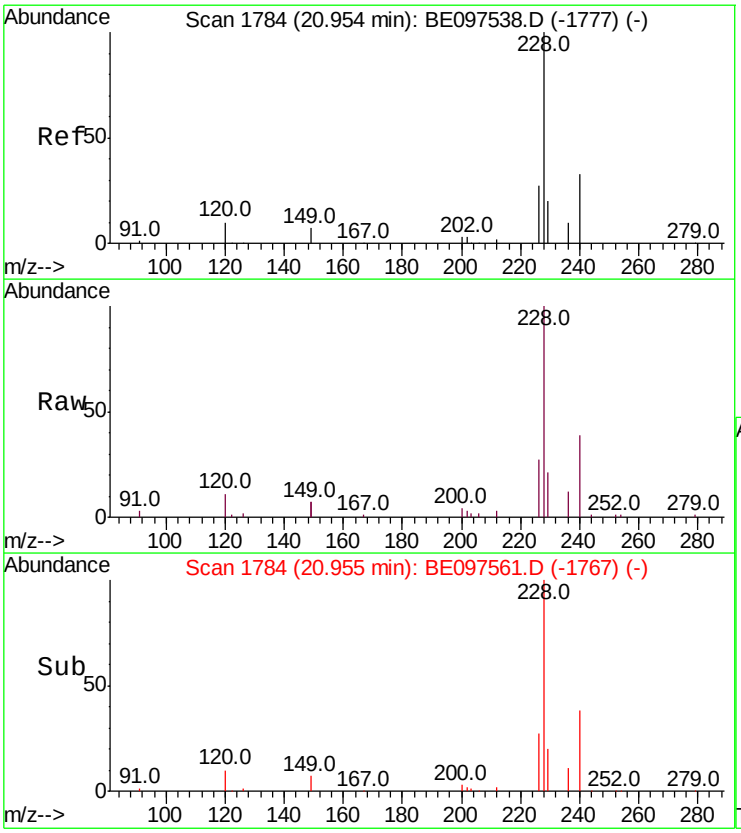
#29
Terphenyl-d14
Concen: 0.416 ng
RT: 19.42 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 6973

Ion	Ratio	Lower	Upper
244	100		
212	32.6	25.4	38.0
122	11.9	8.1	12.1

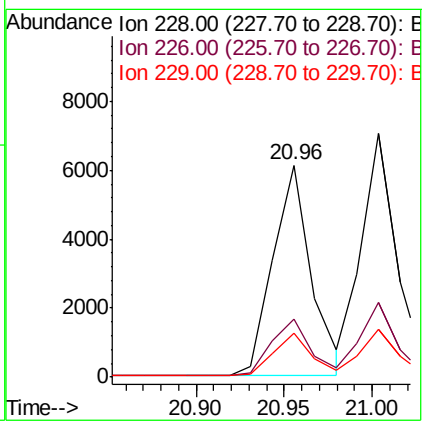


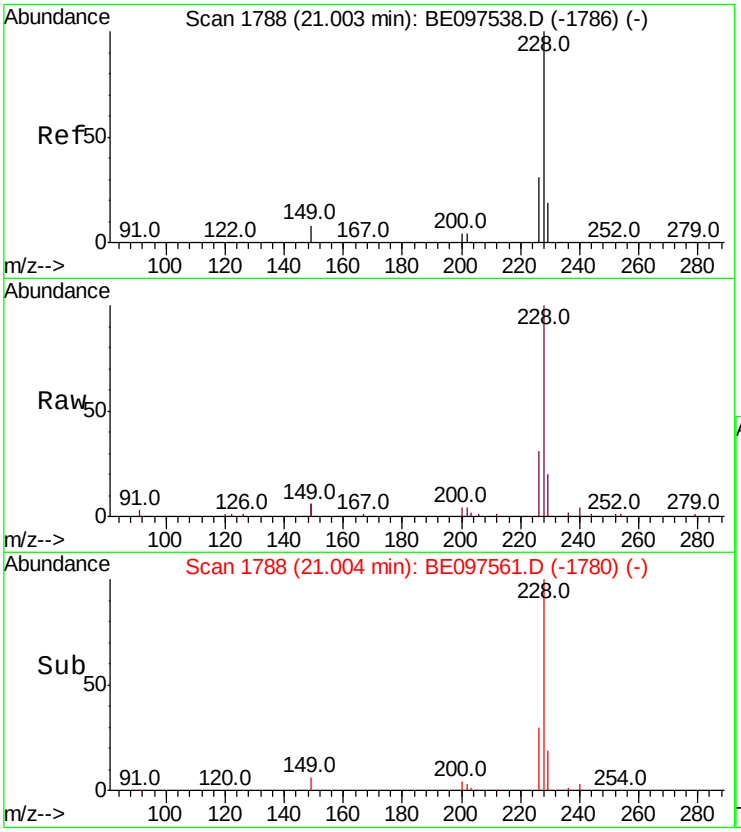


#30
Benzo(a)anthracene
Concen: 0.399 ng
RT: 20.96 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:228 Resp: 9206

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	20.8	16.0	24.0



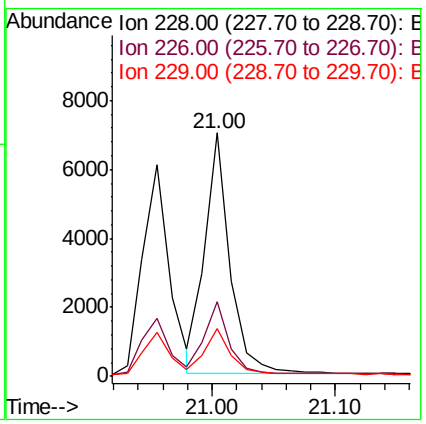


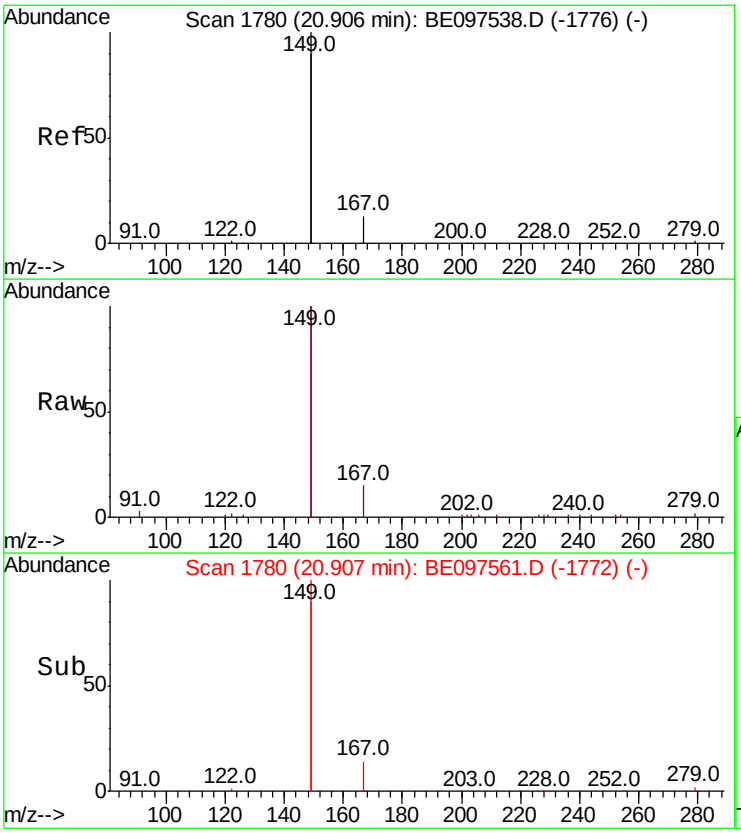
#31
Chrysene
Concen: 0.396 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 9783

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.8	16.0	24.0

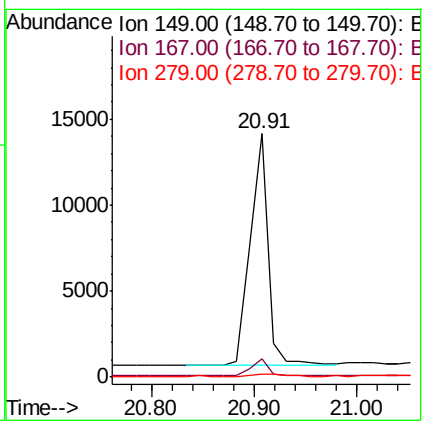


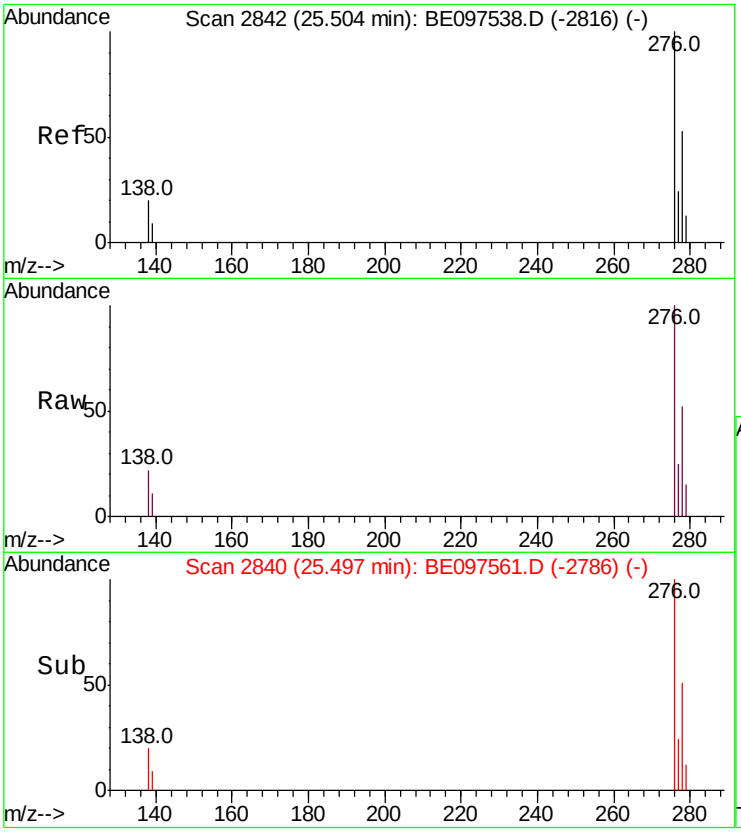


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.431 ng
RT: 20.91 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:149 Resp: 16285

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.1	0.7	1.1#



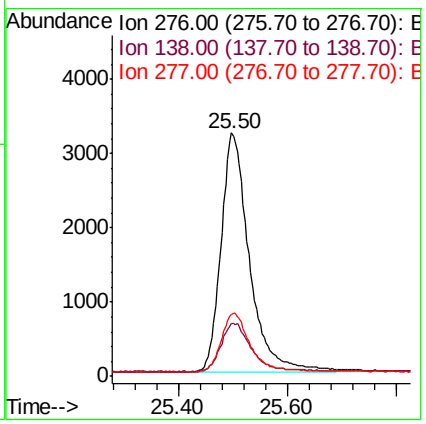


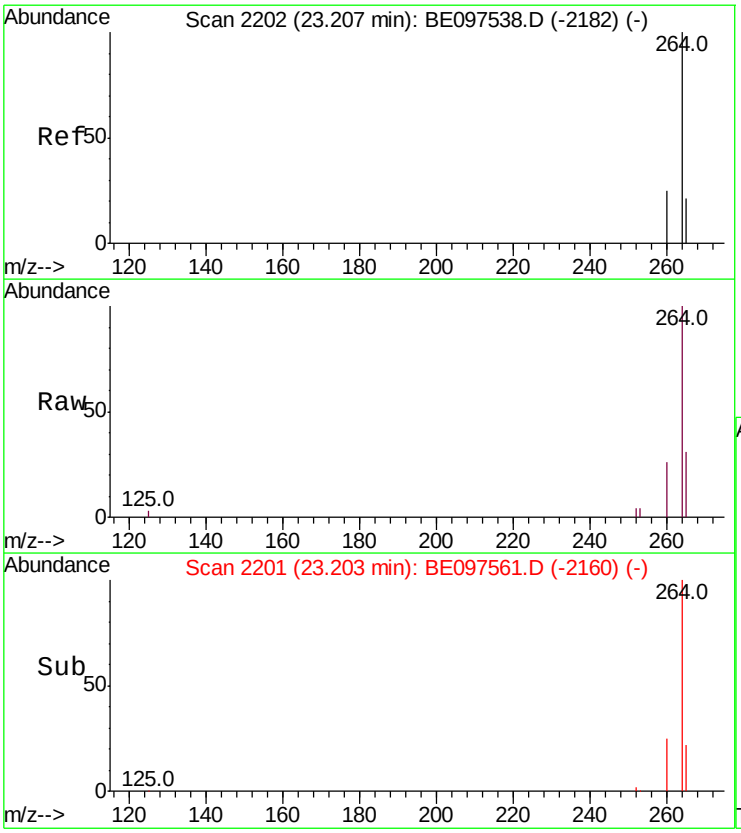
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng
RT: 25.50 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 11742

Ion	Ratio	Lower	Upper
276	100		
138	21.4	22.5	33.7#
277	24.9	19.9	29.9

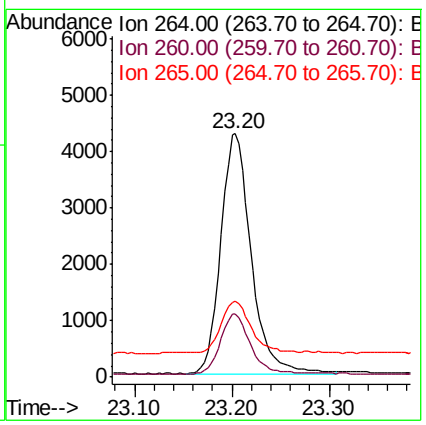


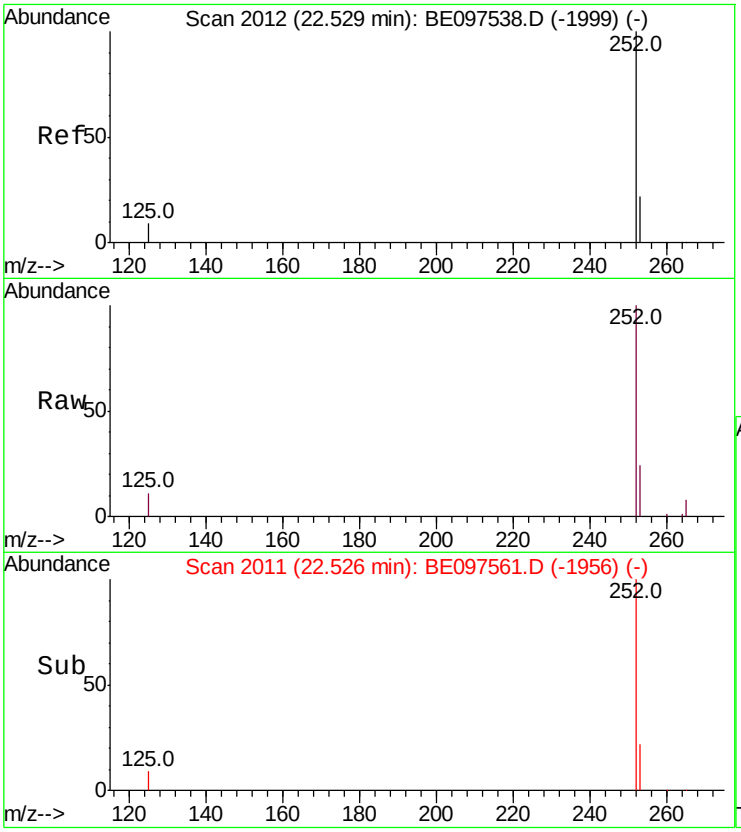


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:264 Resp: 9236

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	31.0	22.8	34.2



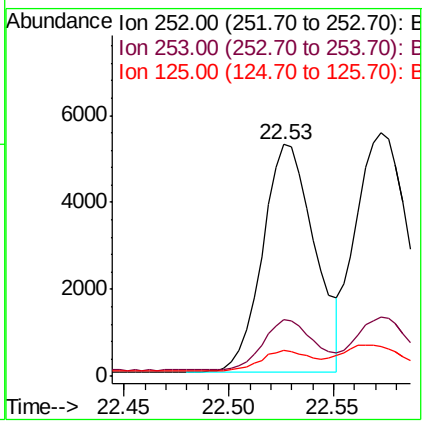


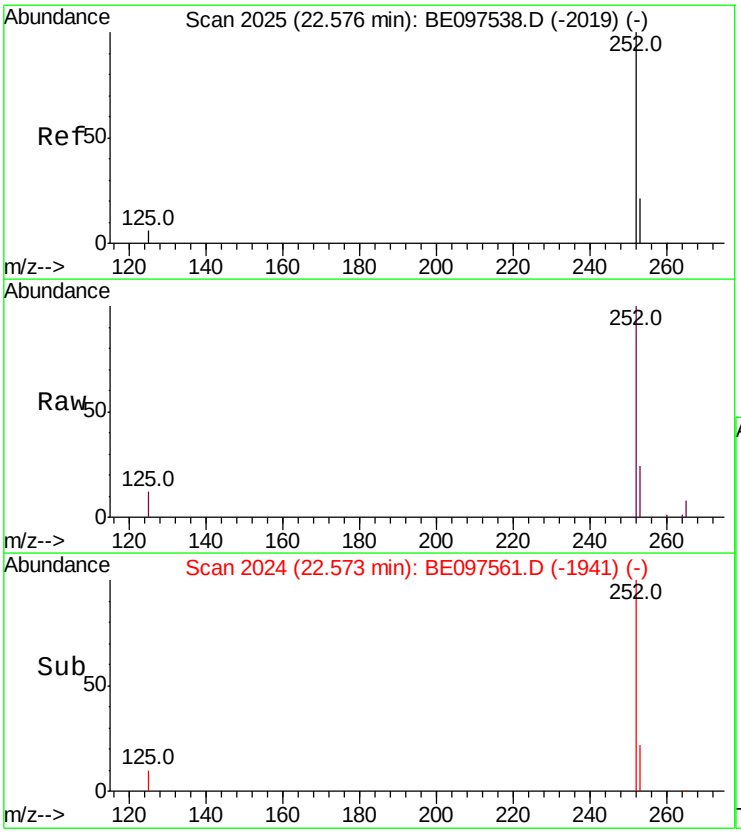
#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.53 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9059

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.0	30.0
125	11.0	16.0	24.0#

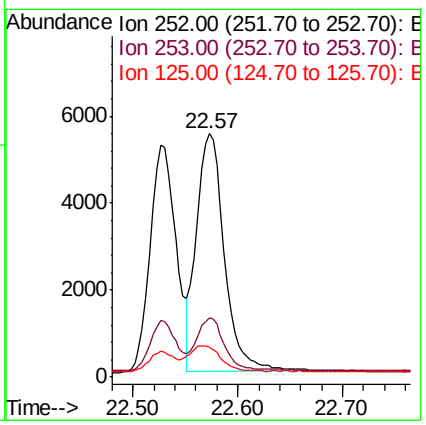


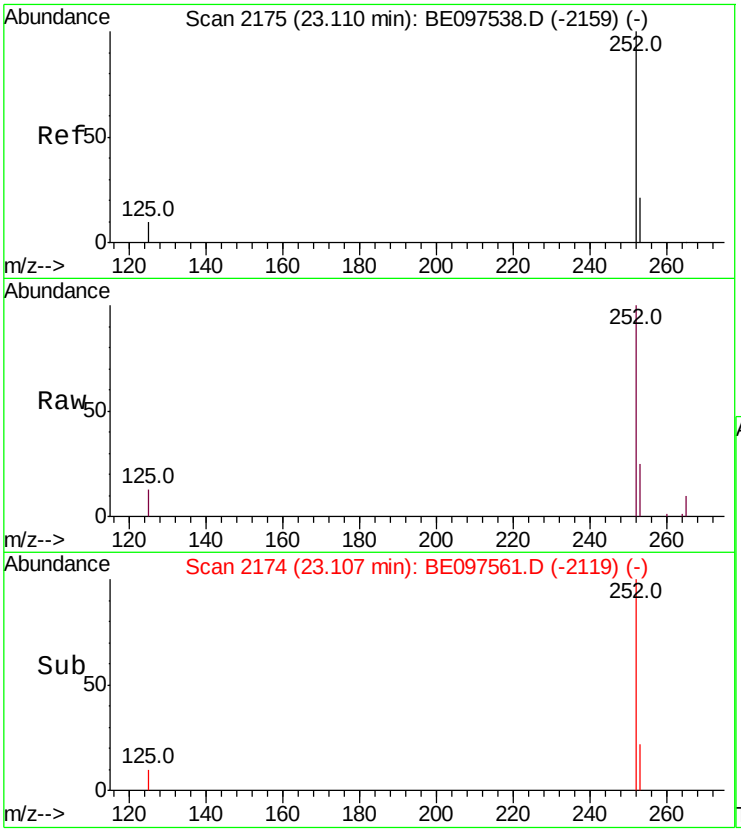


#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 22.57 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:252 Resp: 10207

Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.0	24.0#
125	12.4	8.0	12.0#



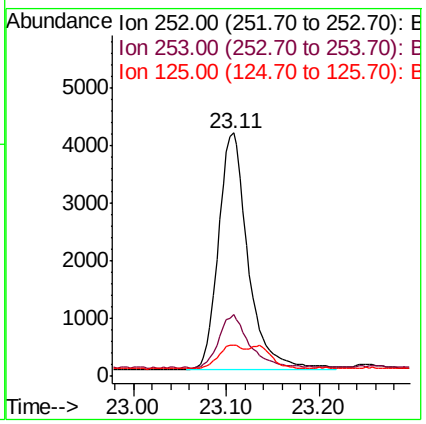


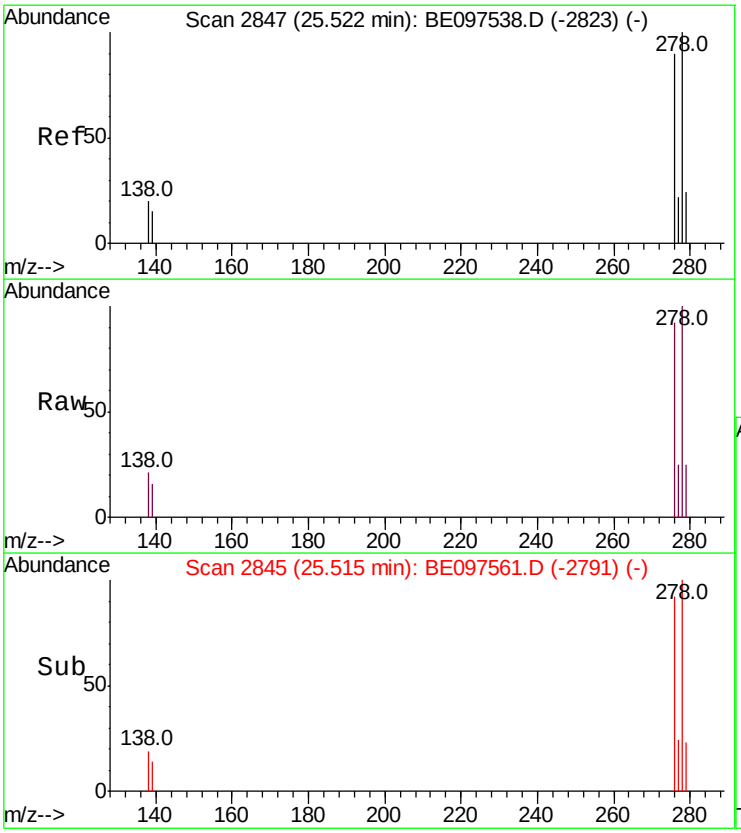
#37
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.11 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9150

Ion	Ratio	Lower	Upper
252	100		
253	25.2	16.0	24.0#
125	12.8	12.0	18.0

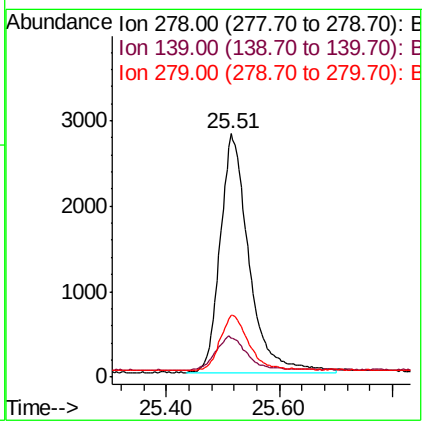


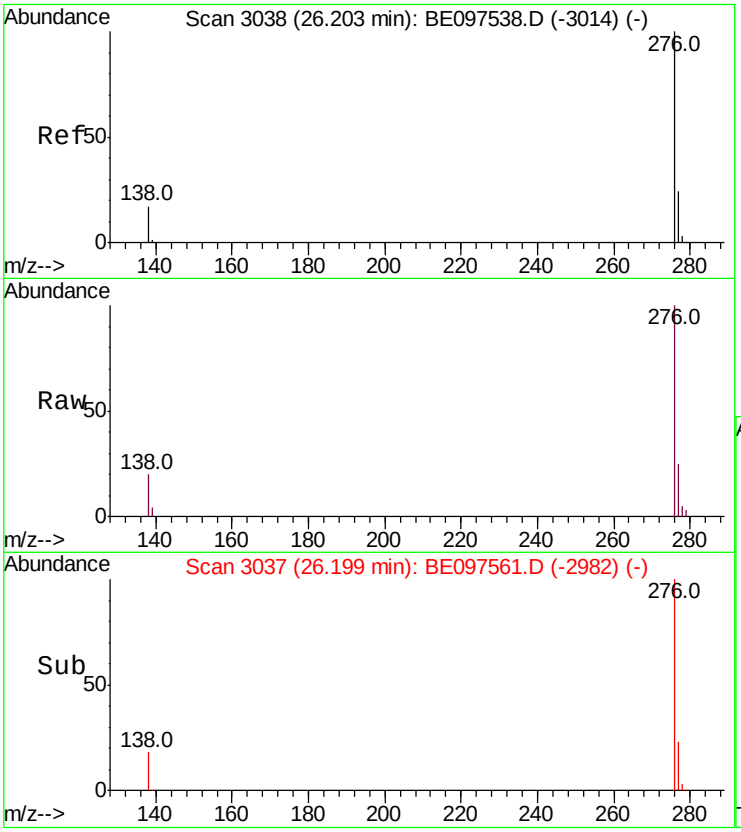


#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Tgt Ion:278 Resp: 9824

Ion	Ratio	Lower	Upper
278	100		
139	16.1	16.0	24.0
279	25.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.394 ng
RT: 26.20 min Scan# 3037
Delta R.T. -0.00 min
Lab File: BE097561.D
Acq: 20 Sep 2018 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9523

Ion	Ratio	Lower	Upper
276	100		
277	25.2	16.0	24.0#
138	20.2	20.0	30.0