Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097497.D
Acq On : 17 Sep 2018 15:52
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 18 05:49:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	901	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4295	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2515	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	6808	0.40	ng		-0.01
27) Chrysene-d12	20.97	240	8289	0.40	ng		0.00
34) Perylene-d12	23.21	264	8528	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1191	0.39	ng		0.00
5) Phenol-d6	6.61	99	1464	0.38	ng		0.00
8) Nitrobenzene-d5	8.53	82	1303	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2465	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	443	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3668	0.42	ng		0.00
25) Fluoranthene-d10	18.80	212	32757	0.40	ng		0.00
29) Terphenyl-d14	19.42	244	6572	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	665	0.427	ng	#	85
3) n-Nitrosodimethylamine	3.38	42	473	0.363	ng	#	90
6) bis(2-Chloroethyl)ether	6.83	93	1281	0.414	ng	#	69
9) Naphthalene	10.17	128	15953	0.409	ng		99
10) Hexachlorobutadiene	10.46	225	746	0.403	ng		96
12) 2-Methylnaphthalene	11.79	142	2565	0.411	ng		97
16) Acenaphthylene	13.72	152	4191	0.383	ng		99
17) Acenaphthene	14.06	154	2823	0.418	ng		96
18) Fluorene	15.06	166	3572	0.415	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1296	0.394	ng	#	84
21) Hexachlorobenzene	16.08	284	1415	0.406	ng	#	84
22) Pentachlorophenol	16.49	266	182	0.418	ng		89
23) Phenanthrene	16.80	178	6677	0.417	ng		98
24) Anthracene	16.89	178	5788	0.391	ng		96
26) Fluoranthene	18.83	202	8367	0.401	ng		98
28) Pyrene	19.20	202	8848	0.415	ng		100
30) Benzo(a)anthracene	20.96	228	8543	0.392	ng		97
31) Chrysene	21.00	228	9593	0.429	ng		99
32) Bis(2-ethylhexyl)phthalate	20.91	149	17957	0.388	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	11295	0.424	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	8688	0.399	ng	#	92
36) Benzo(k)fluoranthene	22.58	252	9919	0.417	ng	#	92
37) Benzo(a)pyrene	23.11	252	8929	0.412	ng	#	92
38) Dibenzo(a,h)anthracene	25.52	278	9388	0.415	ng		94
39) Benzo(g,h,i)perylene	26.21	276	9388	0.407	ng	#	89

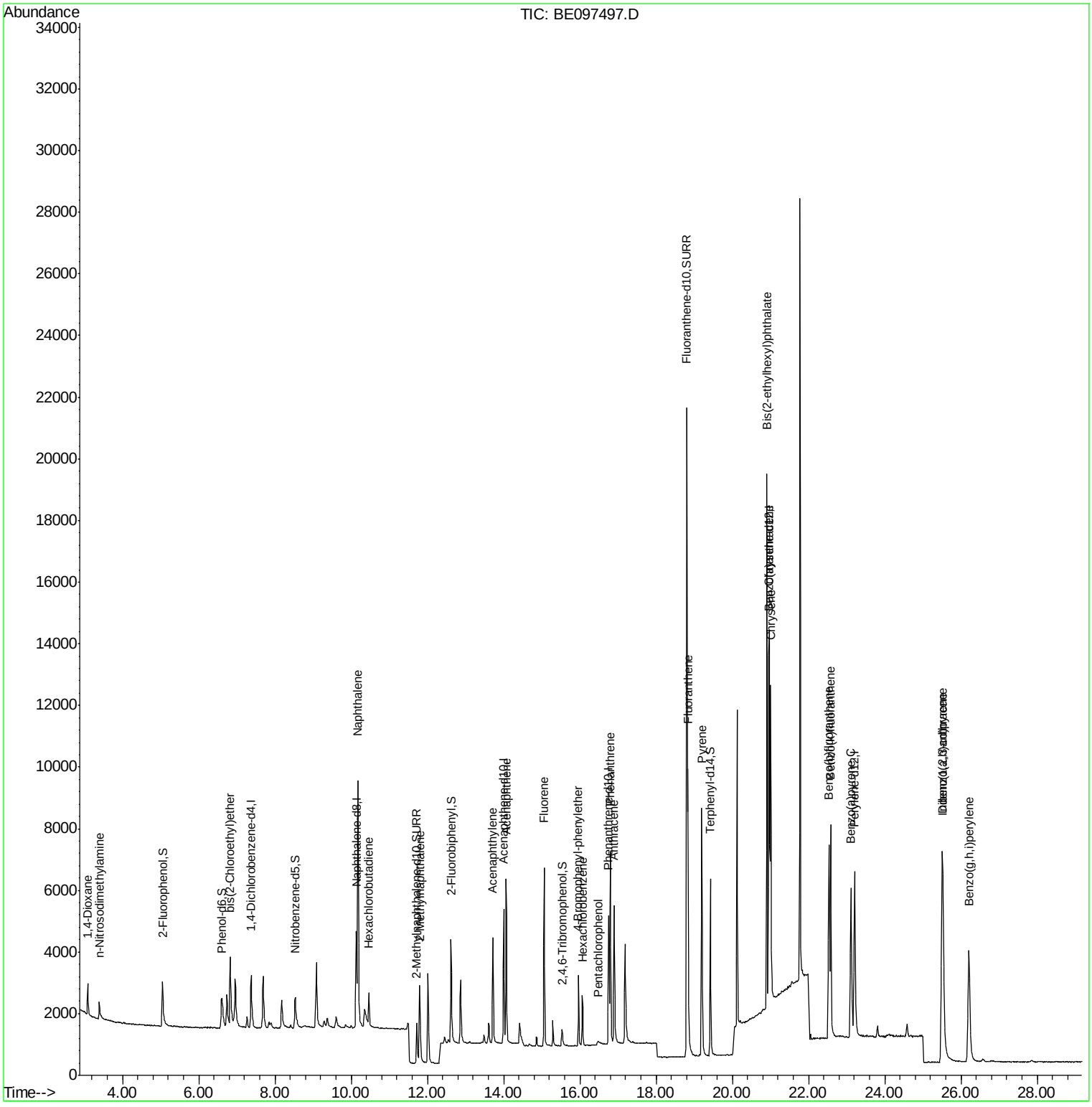
(#) = qualifier out of range (m) = manual integration (+) = signals summed

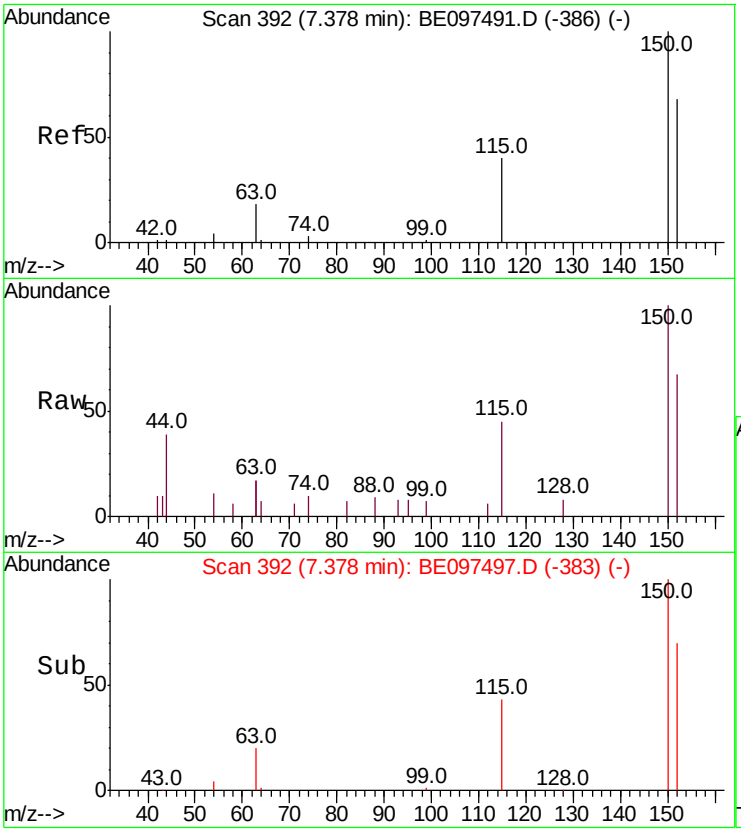
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097497.D
Acq On : 17 Sep 2018 15:52
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 18 05:49:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration



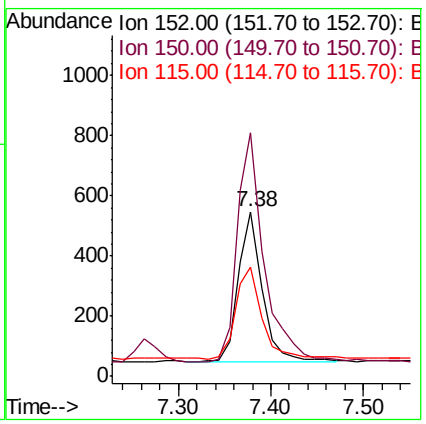


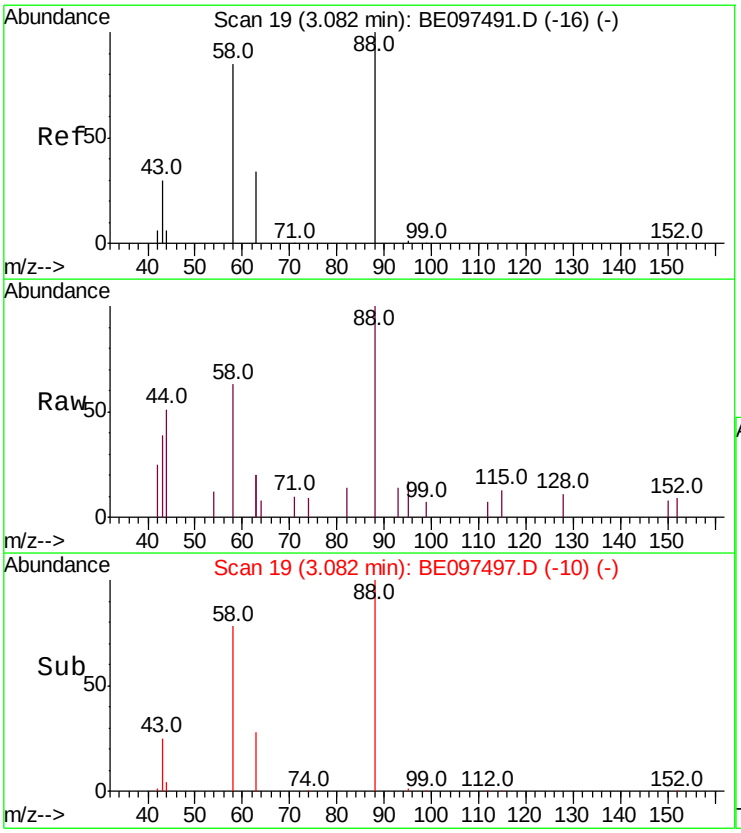
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 901

Ion	Ratio	Lower	Upper
152	100		
150	148.2	117.2	175.8
115	66.5	57.0	85.6

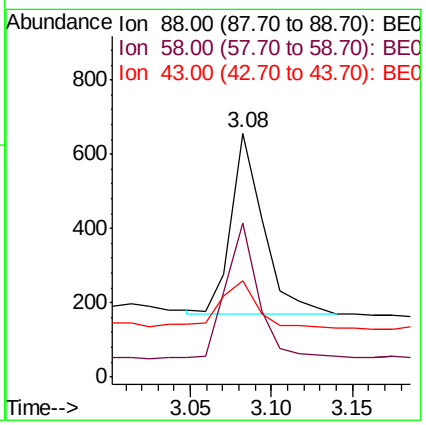


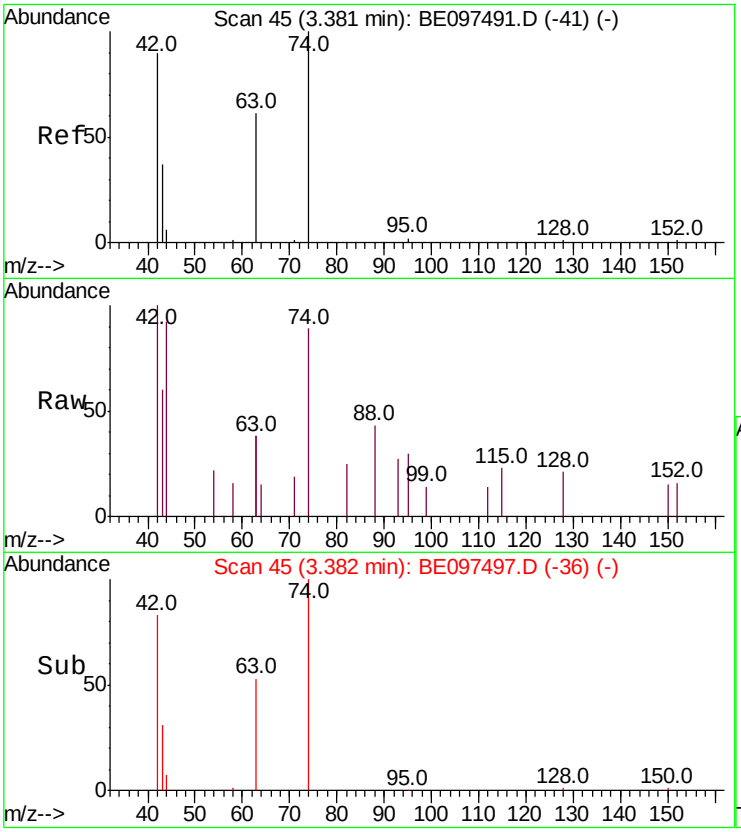


#2
1,4-Dioxane
Concen: 0.427 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion: 88 Resp: 665

Ion	Ratio	Lower	Upper
88	100		
58	75.6	63.2	94.8
43	28.3	41.2	61.8#



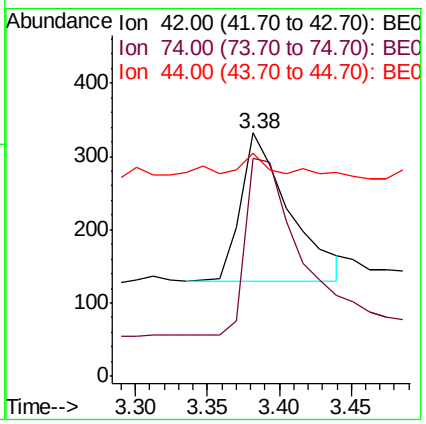


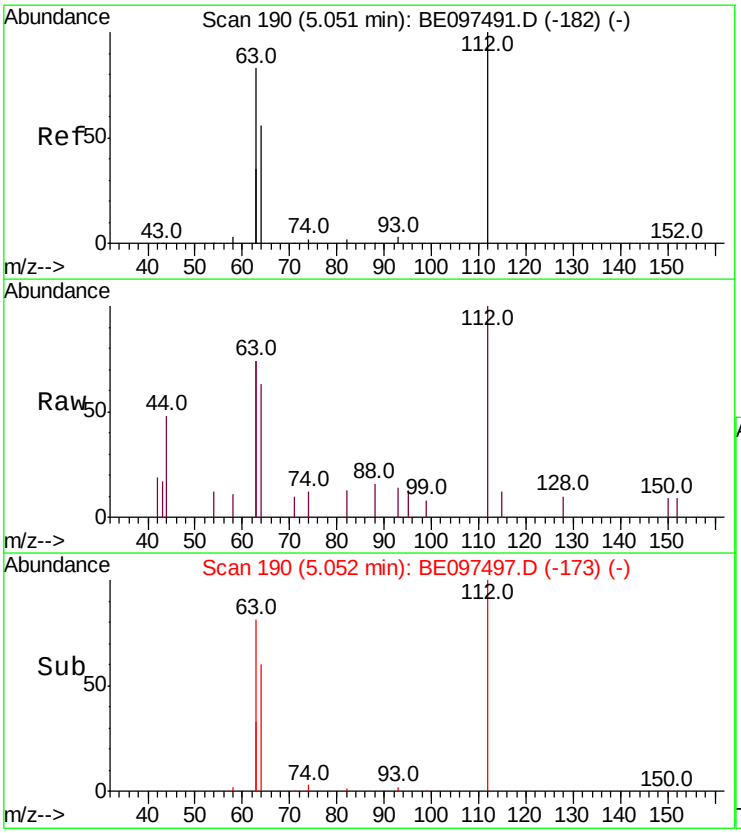
#3
n-Nitrosodimethylamine
Concen: 0.363 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 473

Ion	Ratio	Lower	Upper
42	100		
74	130.9	96.0	144.0
44	9.7	12.0	18.0#

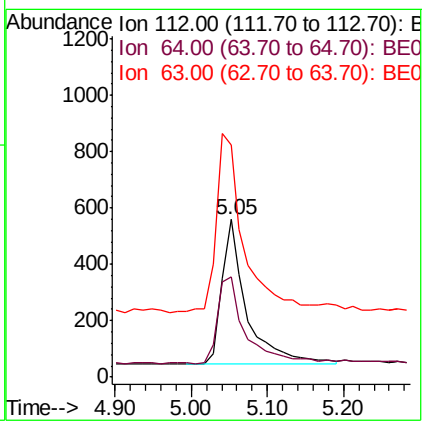


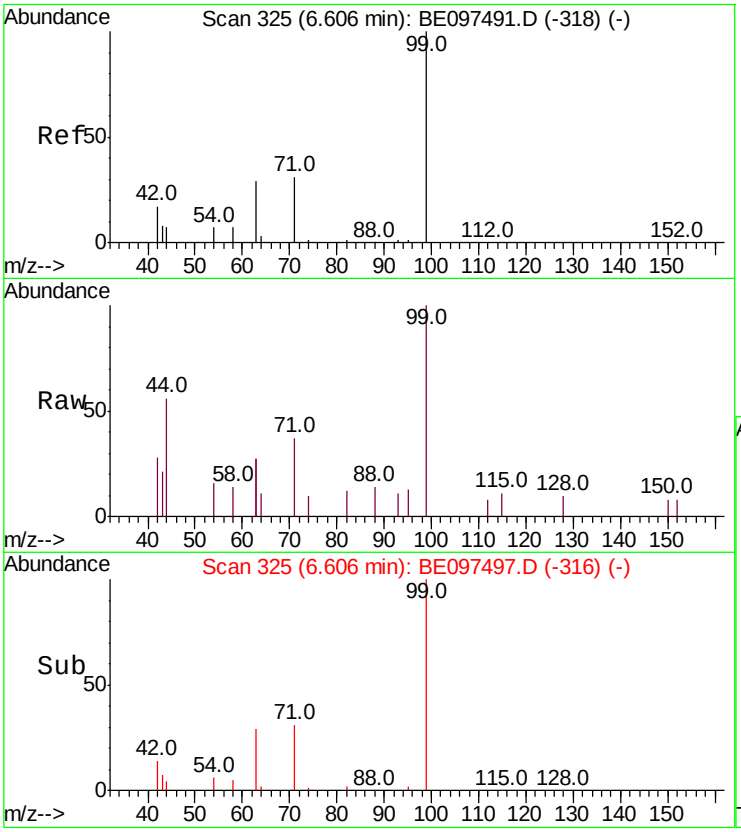


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:112 Resp: 1191

Ion	Ratio	Lower	Upper
112	100		
64	66.0	60.1	90.1
63	141.5	116.8	175.2



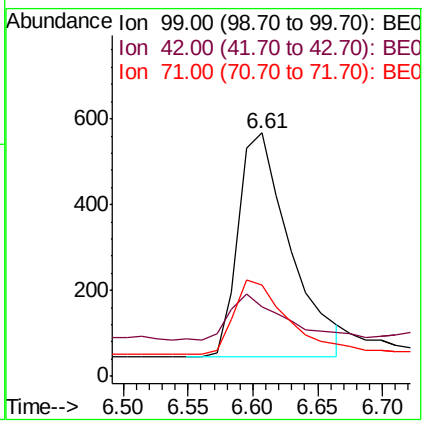


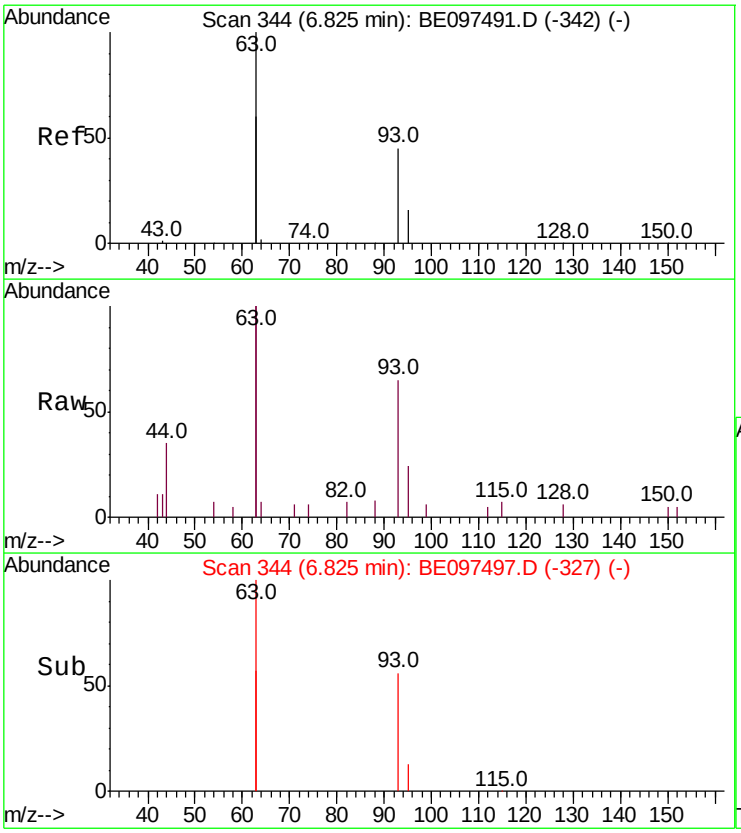
#5
Phenol-d6
Concen: 0.378 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1464

Ion	Ratio	Lower	Upper
99	100		
42	20.4	20.2	30.2
71	33.8	28.4	42.6

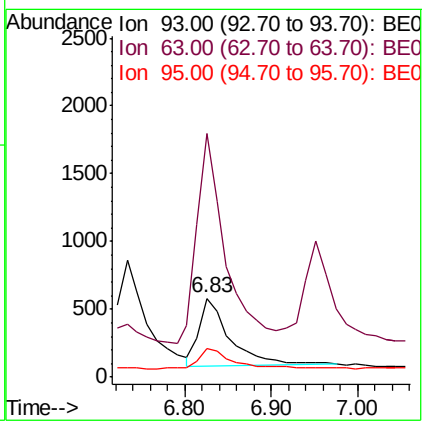


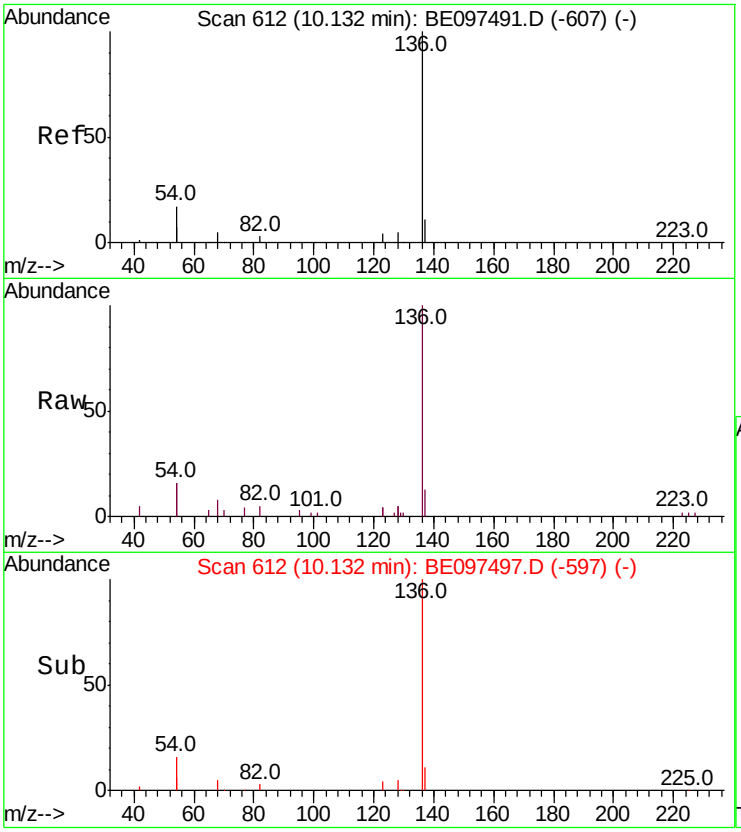


#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion: 93 Resp: 1281

Ion	Ratio	Lower	Upper
93	100		
63	271.1	275.3	412.9#
95	31.3	25.2	37.8



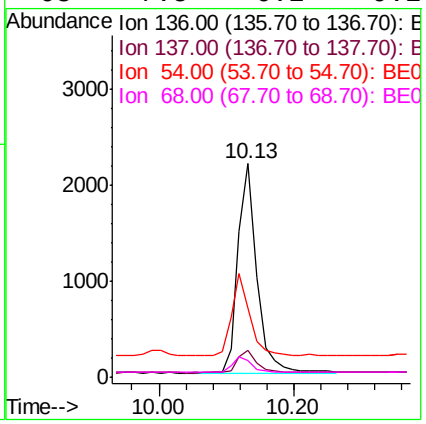


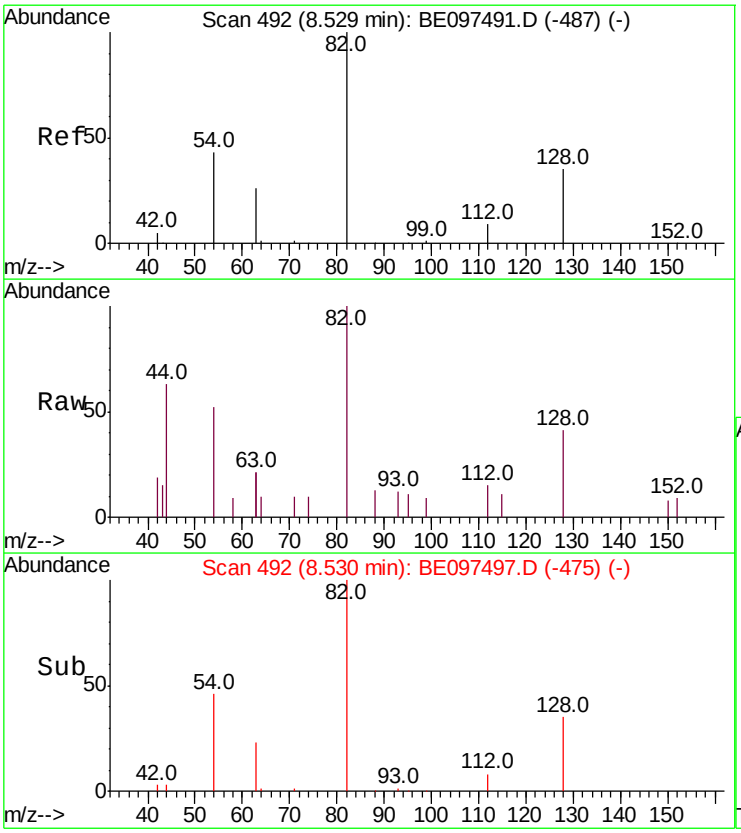
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4295

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	32.1	29.1	43.7
68	7.5	6.2	9.2

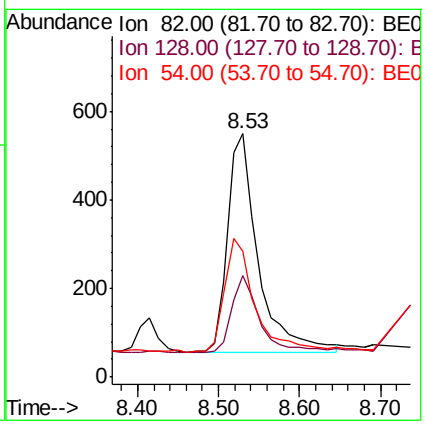


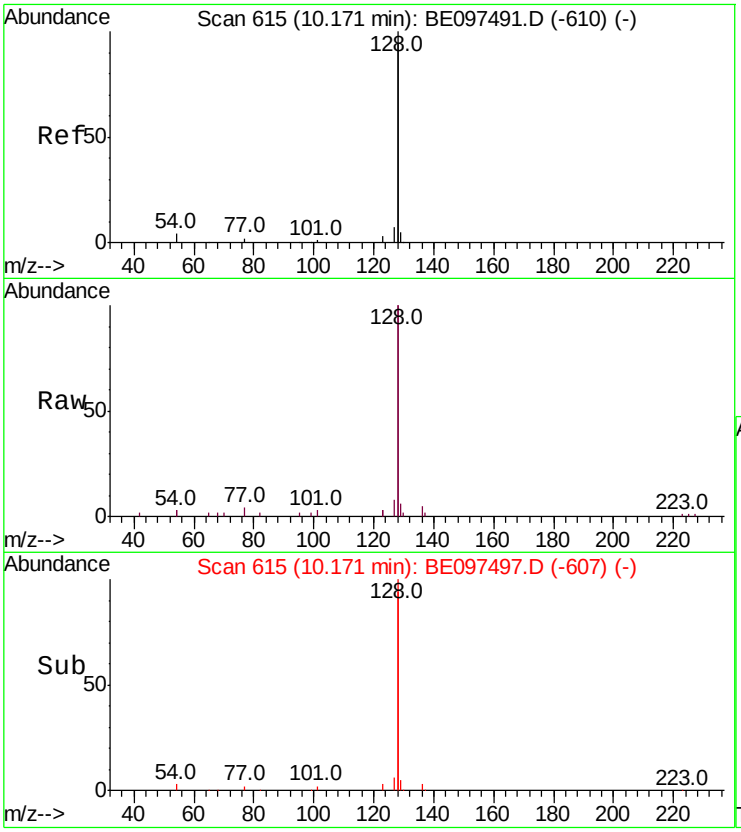


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion: 82 Resp: 1303

Ion	Ratio	Lower	Upper
82	100		
128	41.5	24.0	36.0#
54	51.6	40.0	60.0



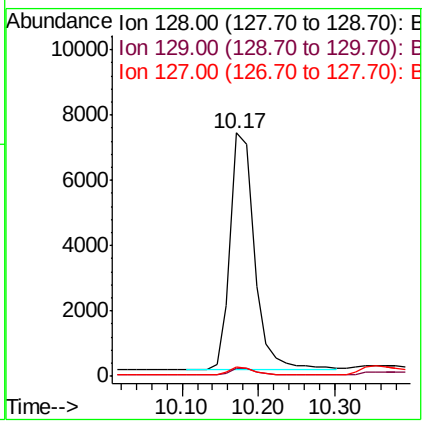


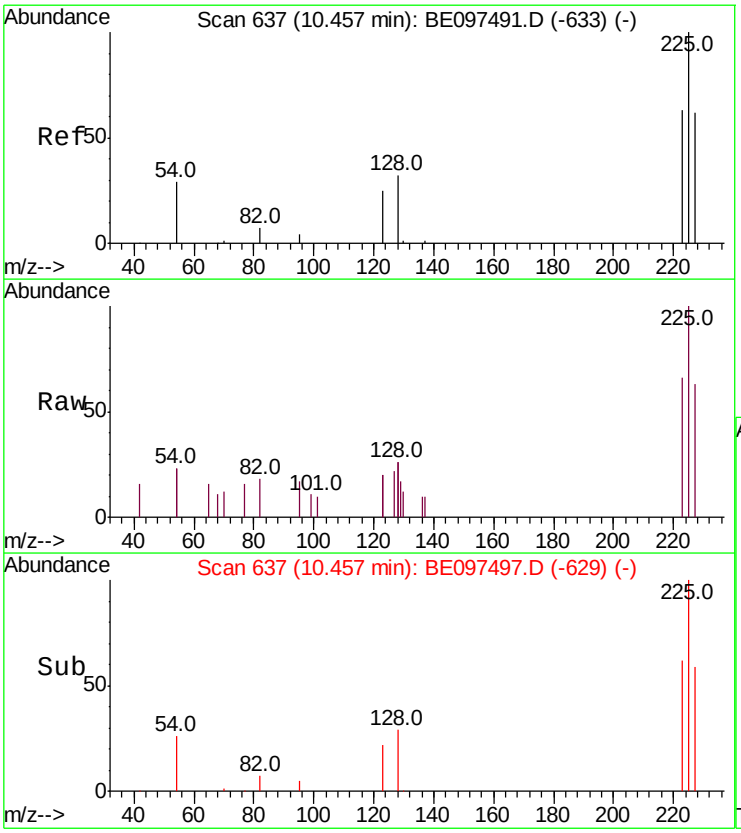
#9
Naphthalene
Concen: 0.409 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15953

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.9	2.8	4.2

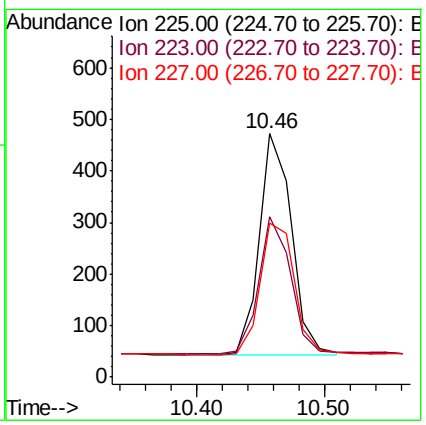


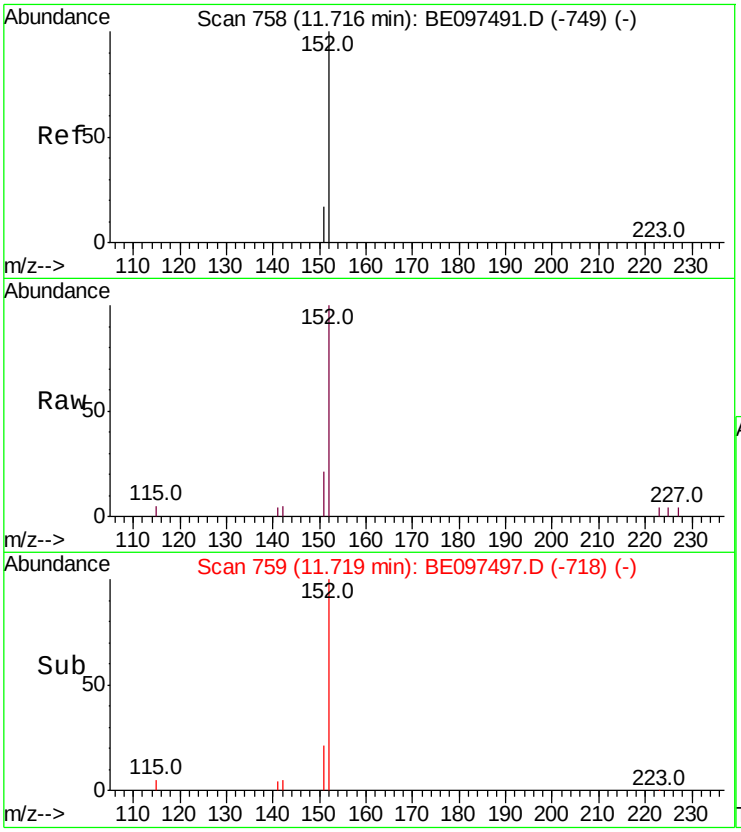


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:225 Resp: 746

Ion	Ratio	Lower	Upper
225	100		
223	61.8	53.0	79.6
227	63.3	51.4	77.2



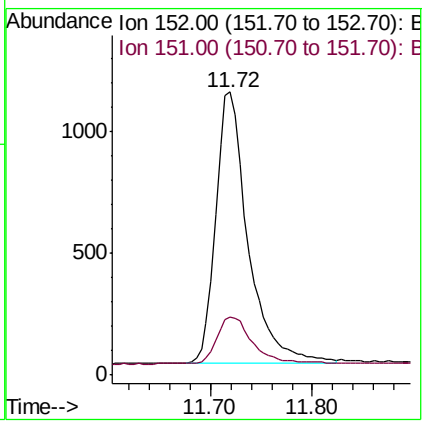


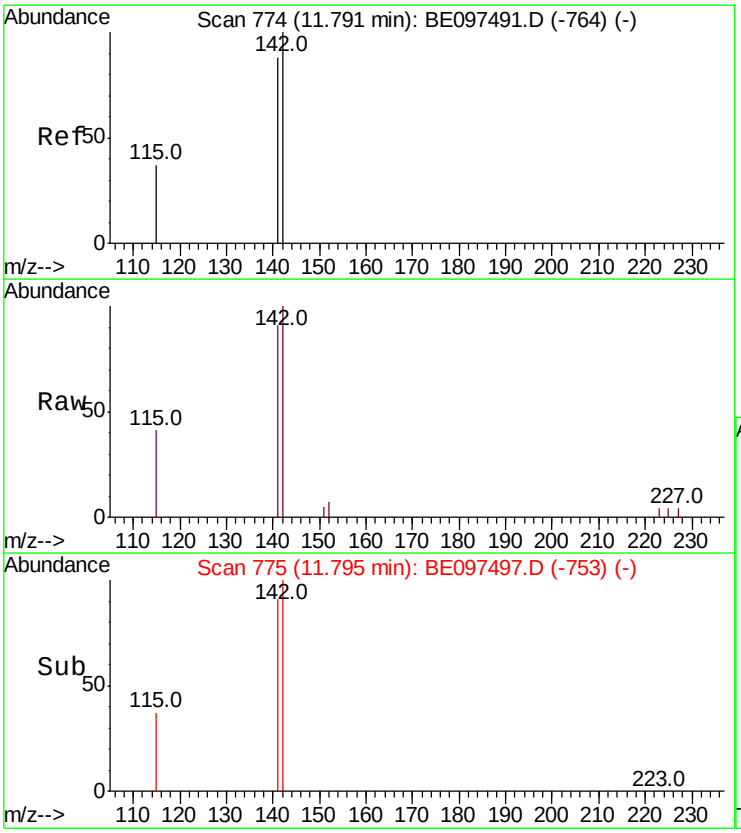
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 11.72 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2465

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

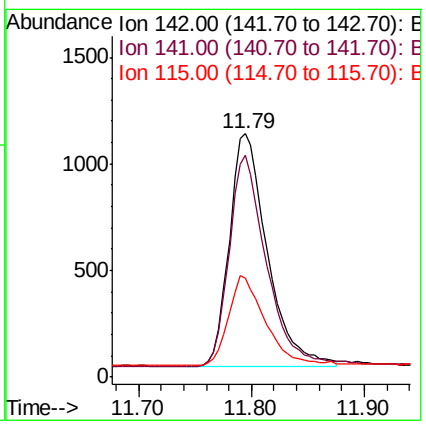


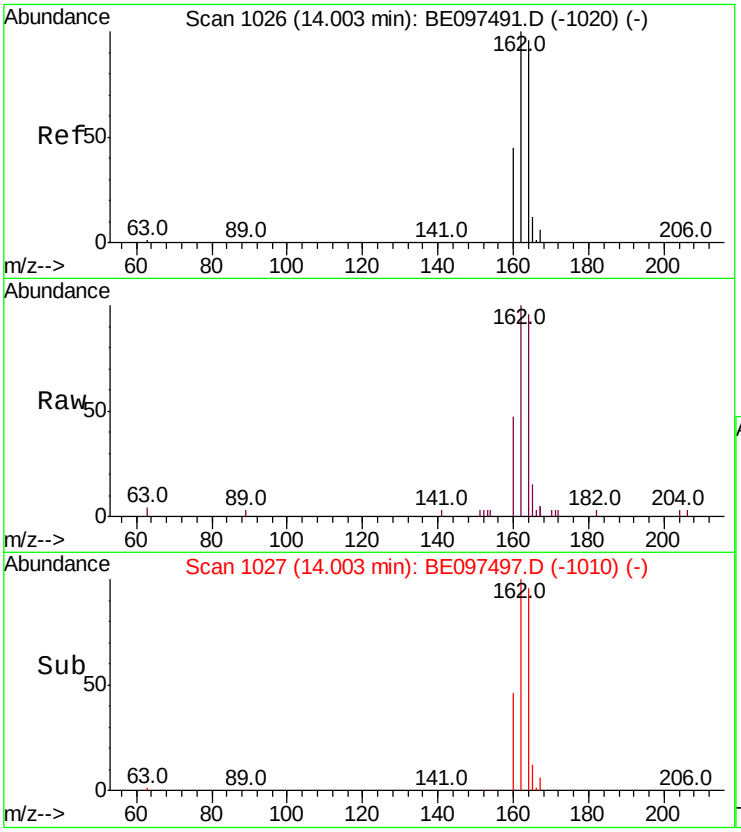


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 11.79 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:142 Resp: 2565

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.4	105.6
115	40.7	31.7	47.5



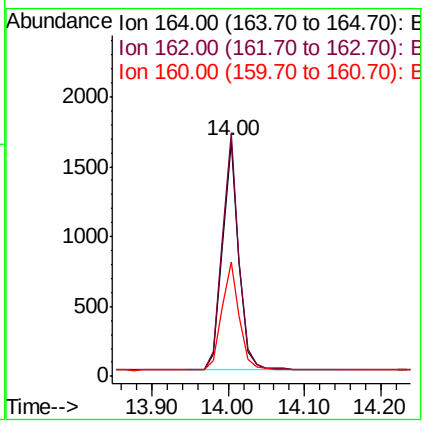


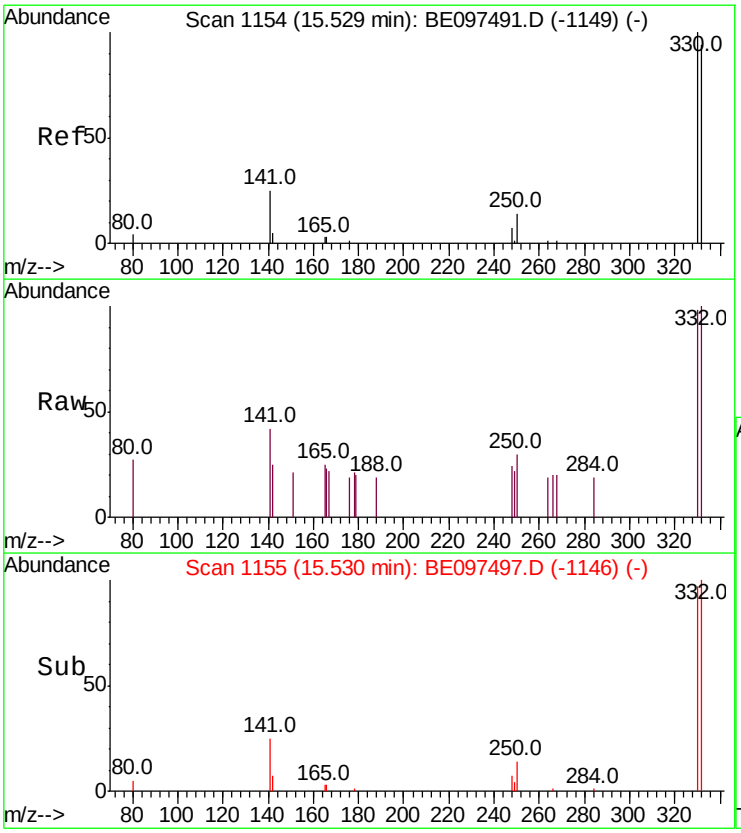
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2515

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.1	124.7
160	48.8	37.1	55.7

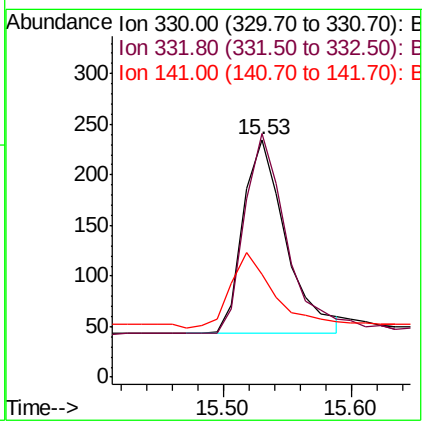


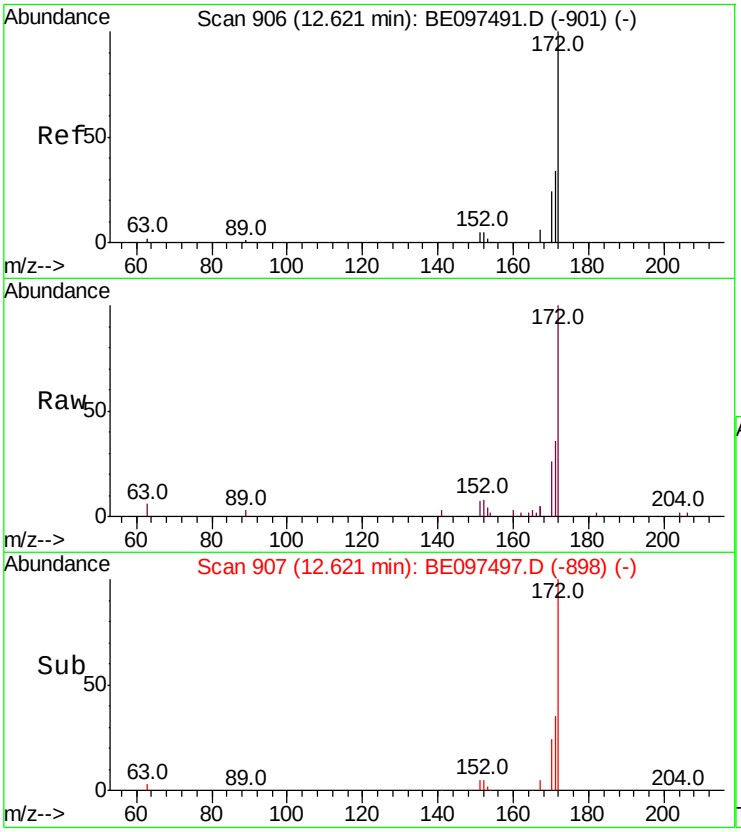


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:330 Resp: 443

Ion	Ratio	Lower	Upper
330	100		
332	102.0	152.7	229.1#
141	40.2	33.7	50.5



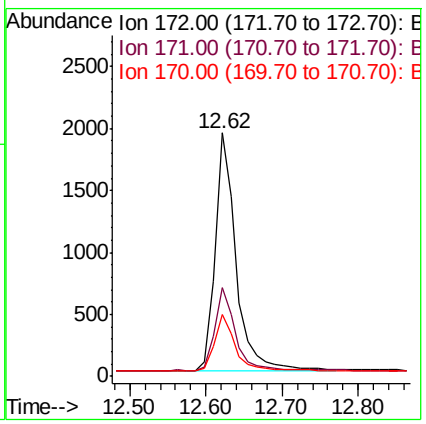


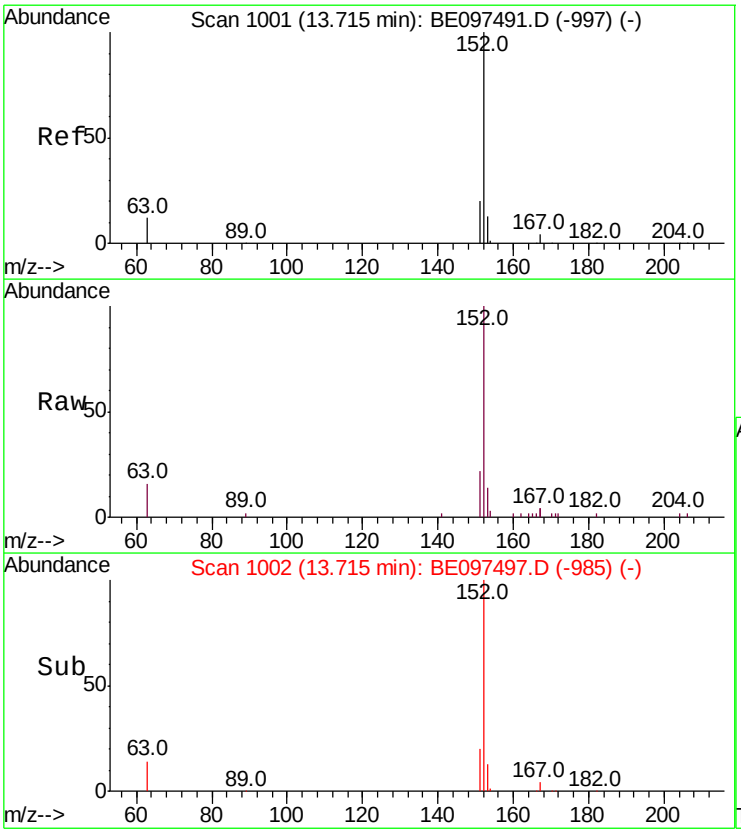
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3668

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	25.6	21.8	32.8

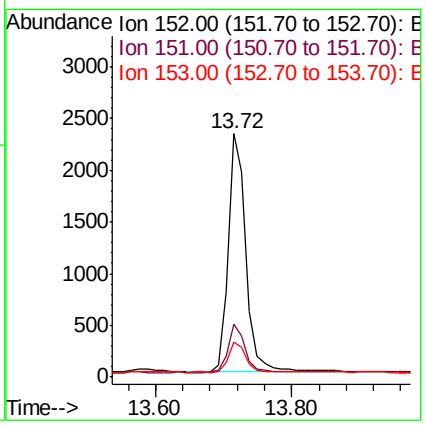


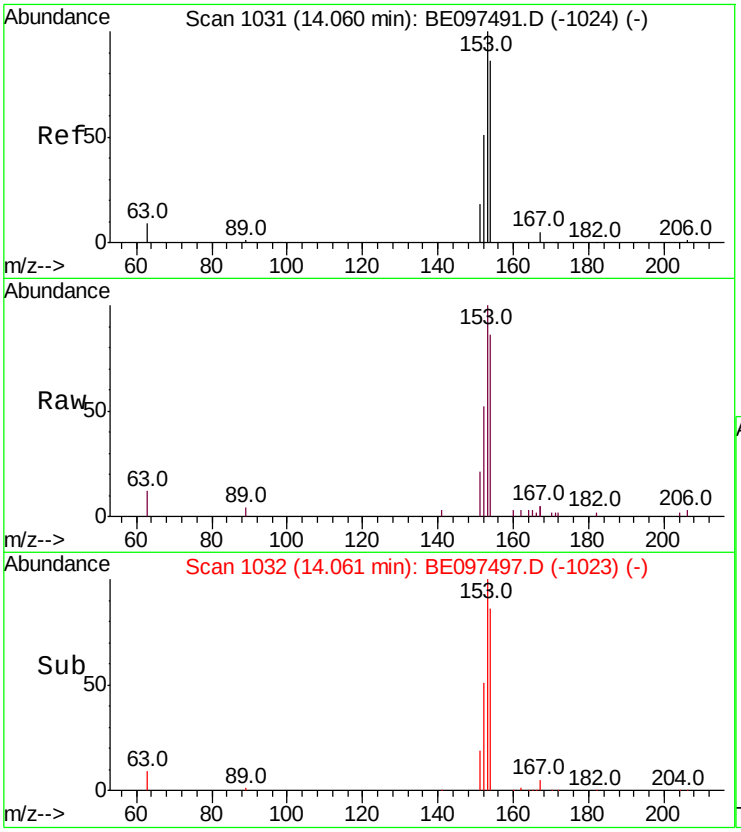


#16
Acenaphthylene
Concen: 0.383 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:152 Resp: 4191

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.8	10.5	15.7



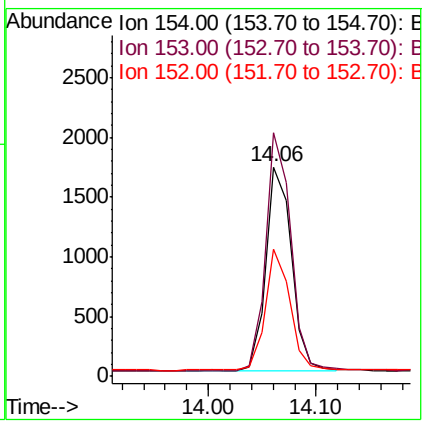


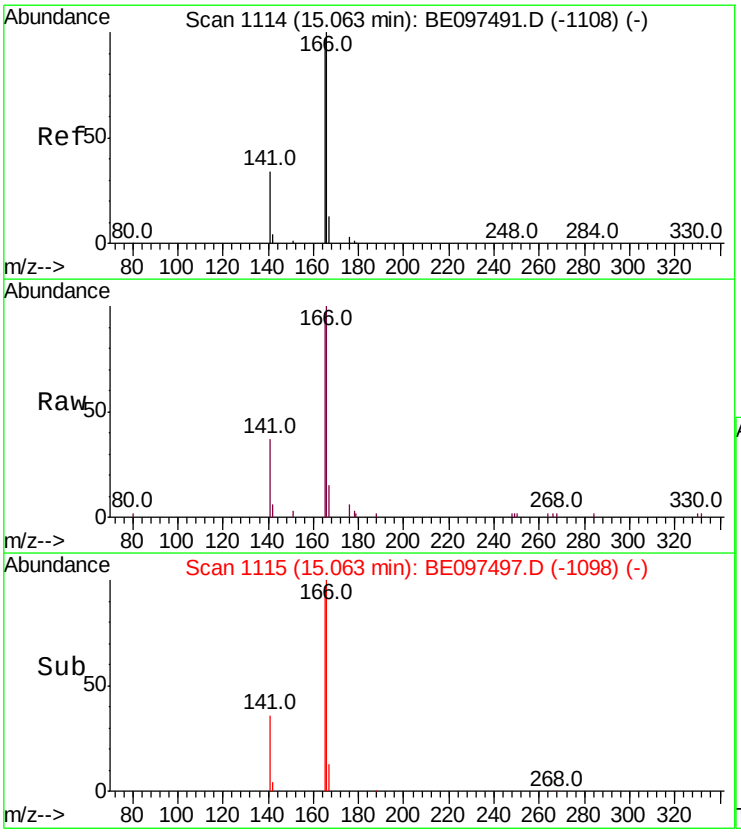
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2823

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.2	133.8
152	57.0	42.0	63.0

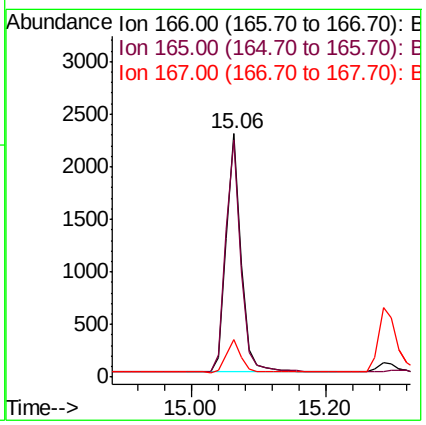


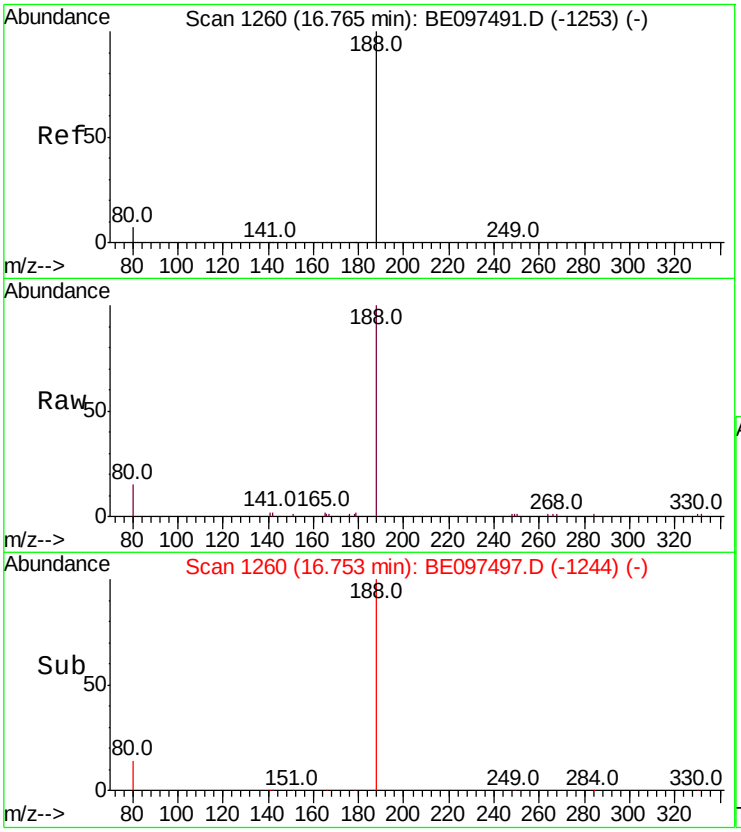


#18
Fluorene
Concen: 0.415 ng
RT: 15.06 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:166 Resp: 3572

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.1	42.4	63.6#



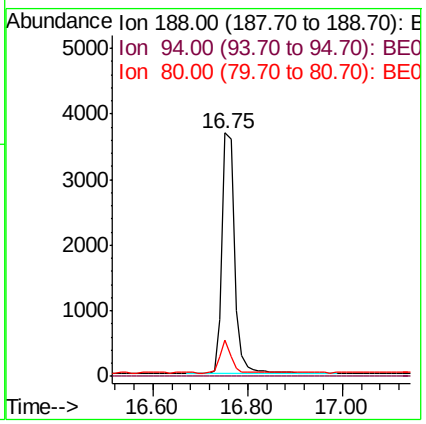


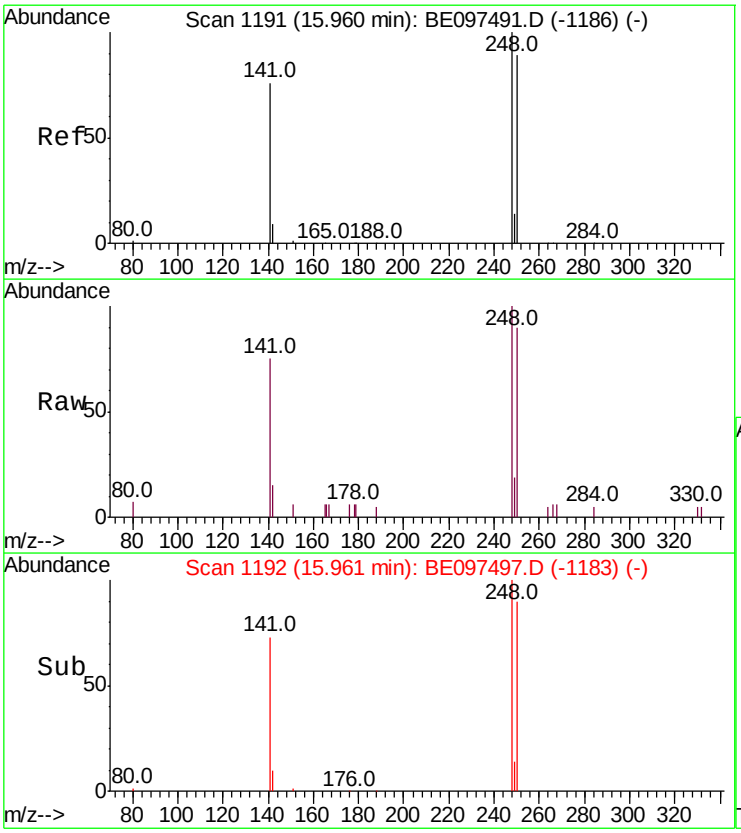
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6808

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.1	3.6	5.4#

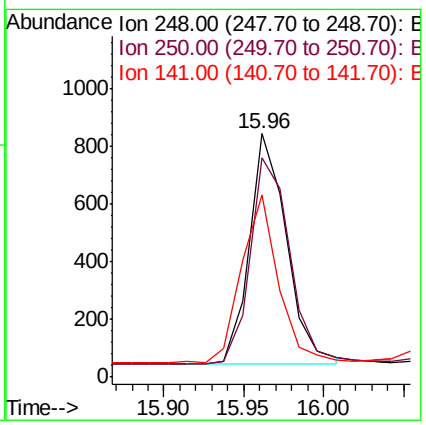


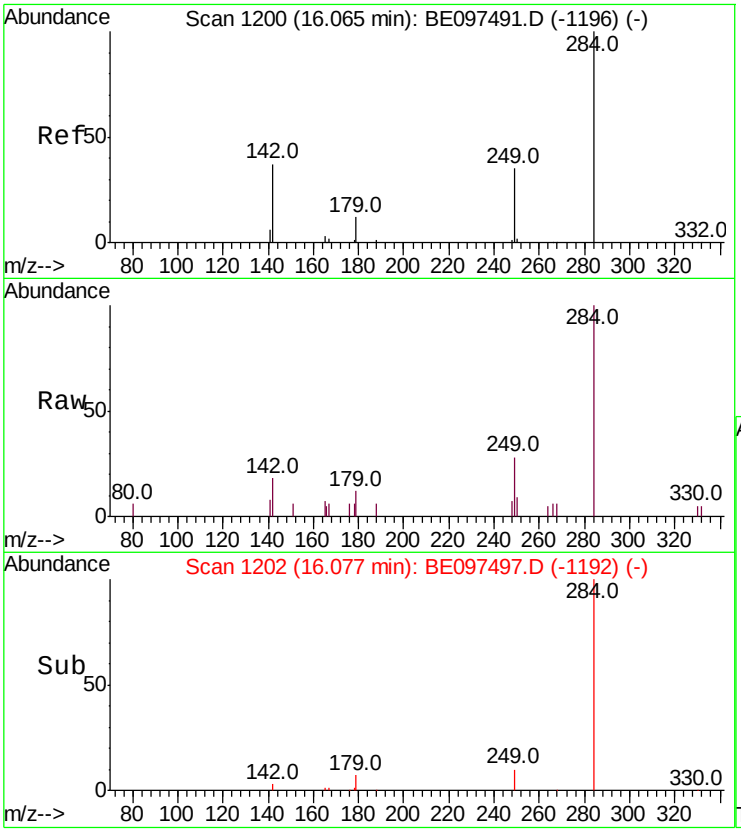


#20
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 15.96 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:248 Resp: 1296

Ion	Ratio	Lower	Upper
248	100		
250	90.2	62.7	94.1
141	75.1	48.2	72.2#



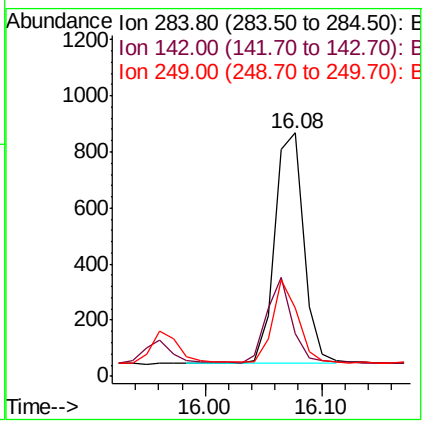


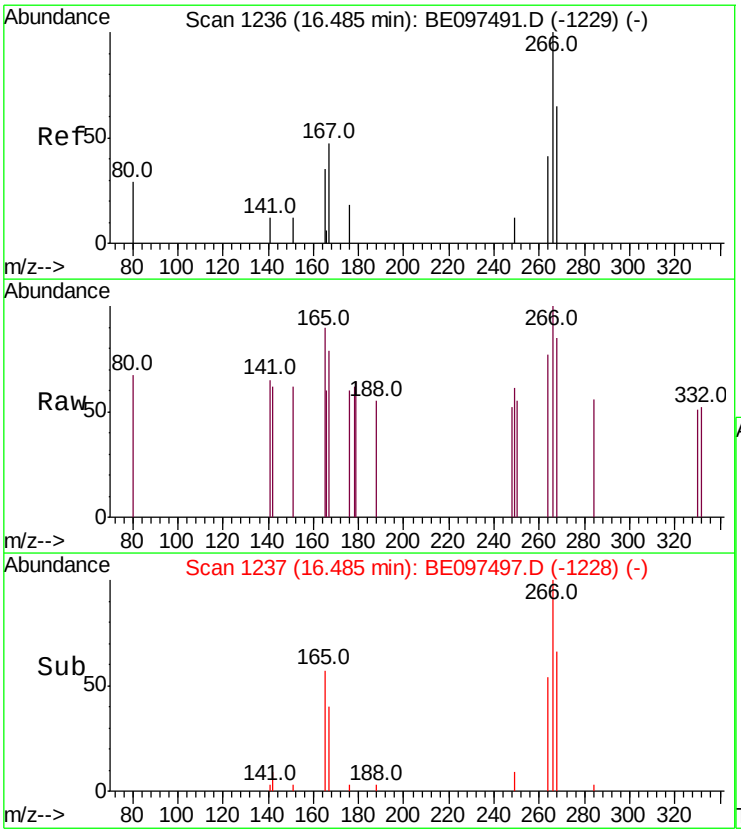
#21
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1415

Ion	Ratio	Lower	Upper
284	100		
142	31.8	22.1	33.1
249	30.3	34.8	52.2#

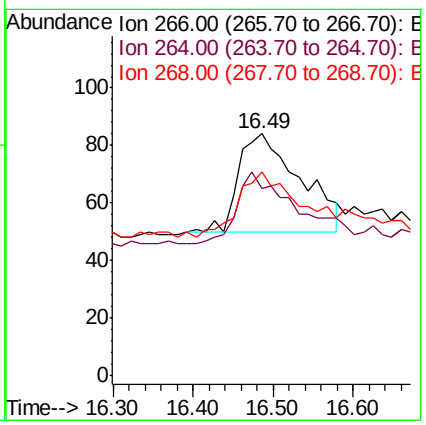


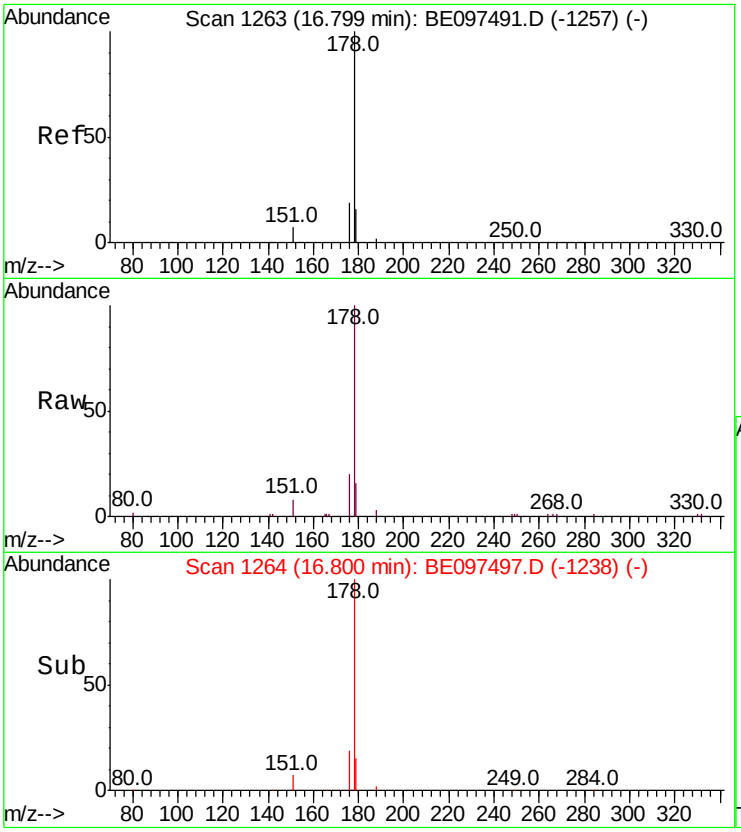


#22
Pentachlorophenol
Concen: 0.418 ng
RT: 16.49 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:266 Resp: 182

Ion	Ratio	Lower	Upper
266	100		
264	77.4	72.5	108.7
268	84.5	73.8	110.6



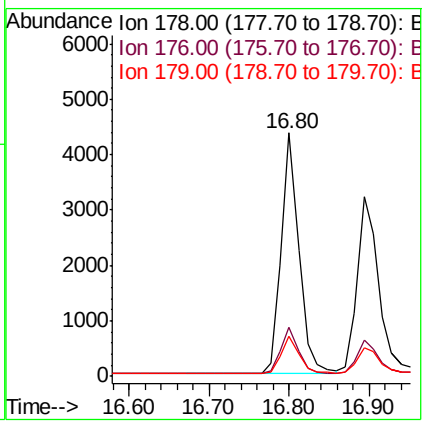


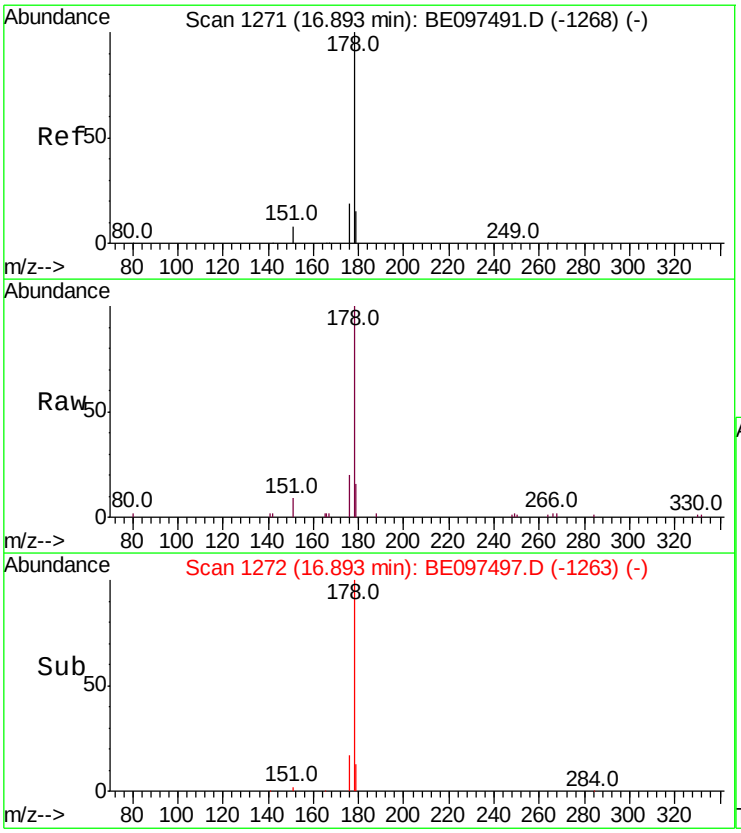
#23
Phenanthrene
Concen: 0.417 ng
RT: 16.80 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6677

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.8	11.8	17.6

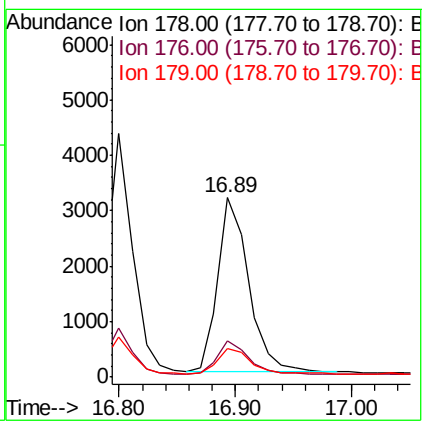


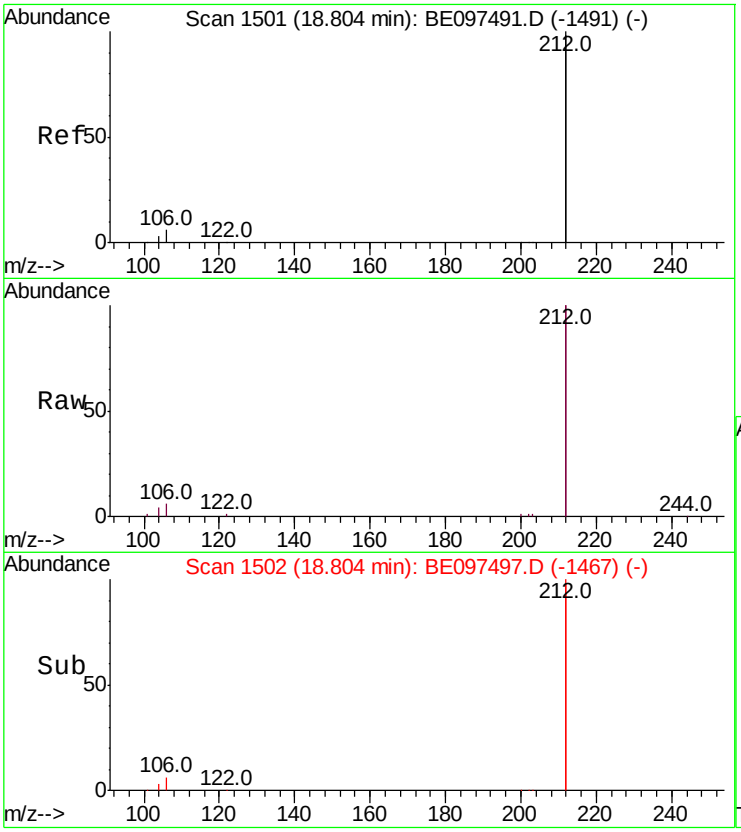


#24
Anthracene
Concen: 0.391 ng
RT: 16.89 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:178 Resp: 5788

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.5	13.0	19.6



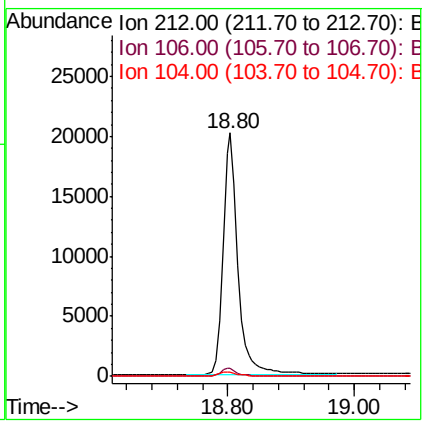


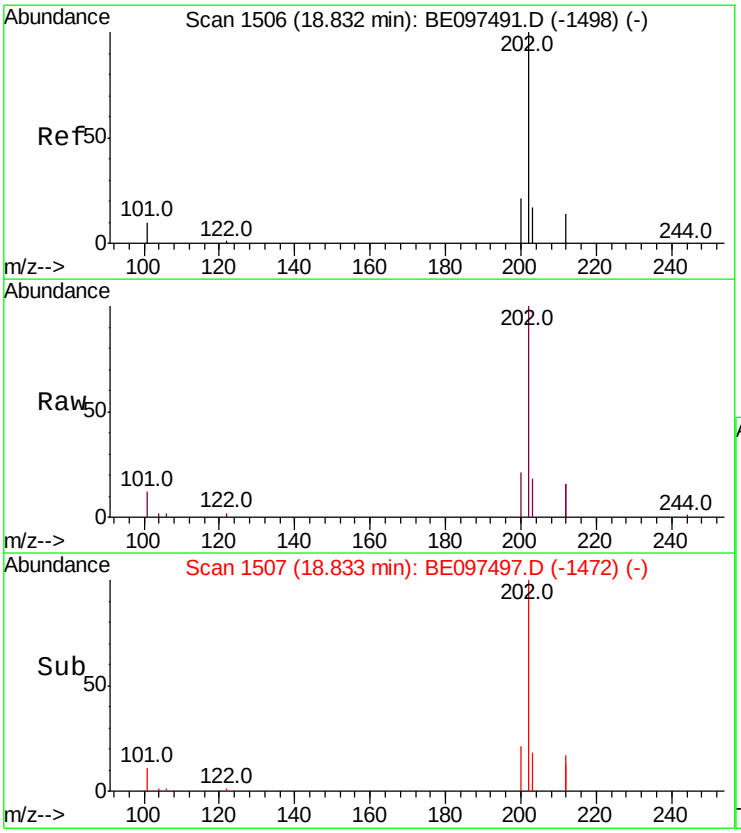
#25
Fluoranthene-d10
Concen: 0.400 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 32757

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

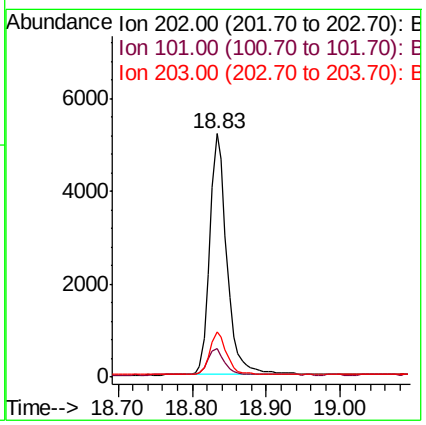


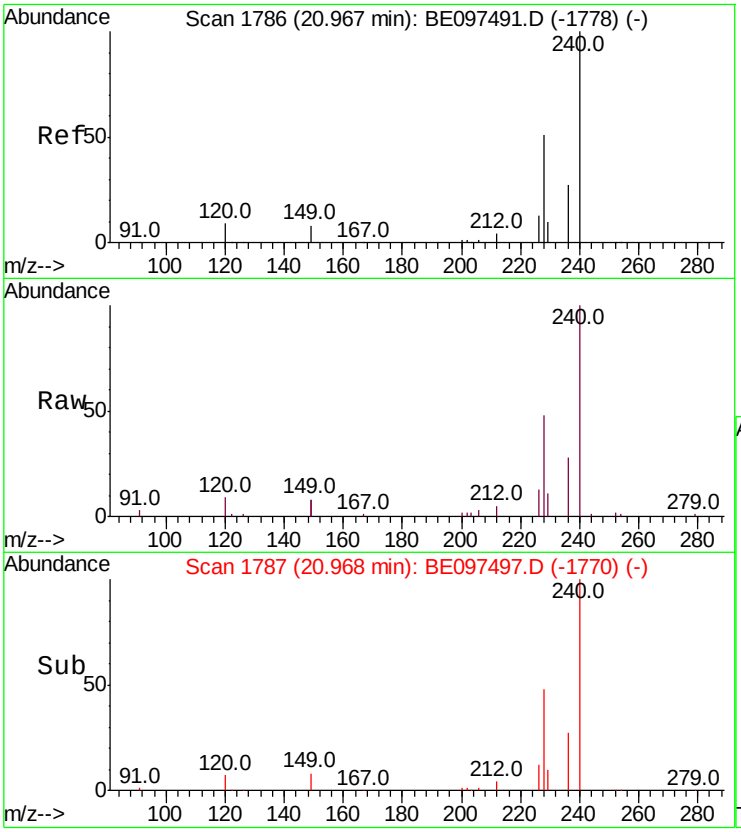


#26
Fluoranthene
Concen: 0.401 ng
RT: 18.83 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:202 Resp: 8367

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.5	13.7	20.5



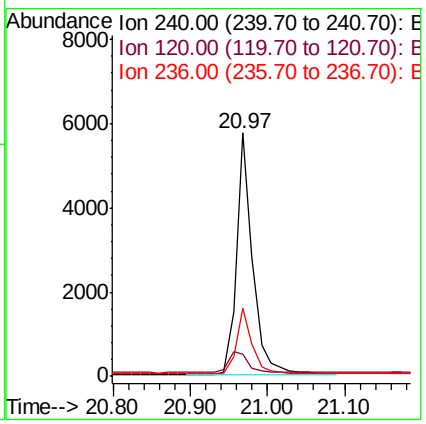


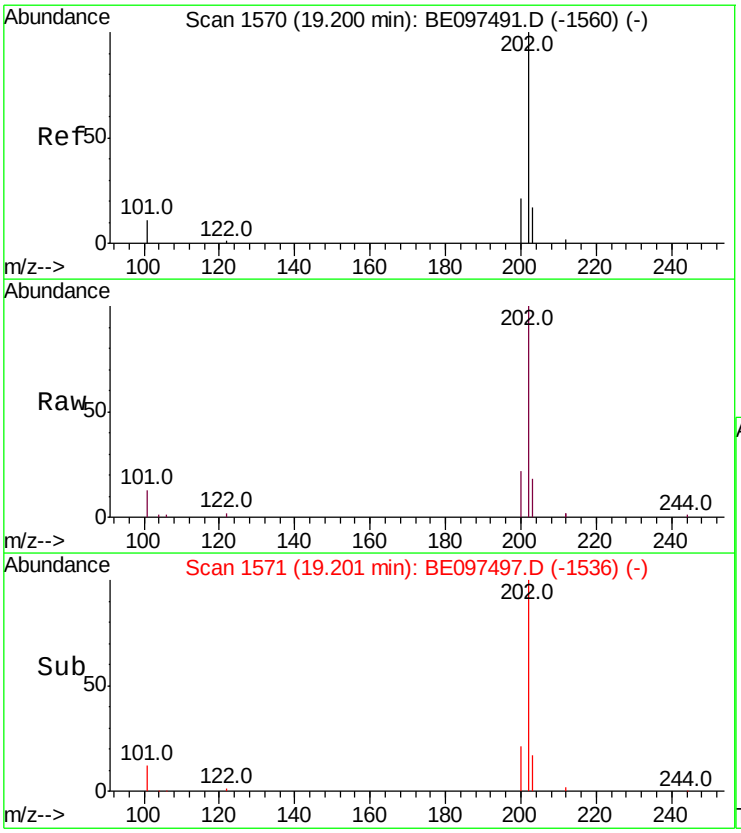
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8289

Ion	Ratio	Lower	Upper
240	100		
120	8.9	5.5	8.3#
236	27.9	20.7	31.1

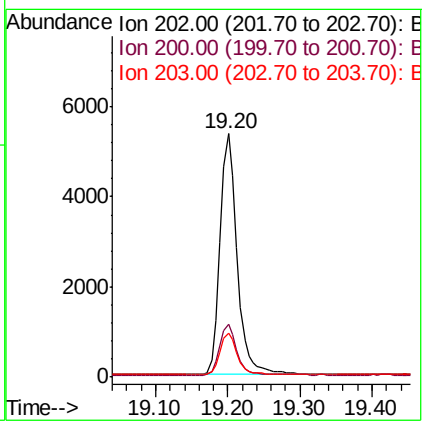


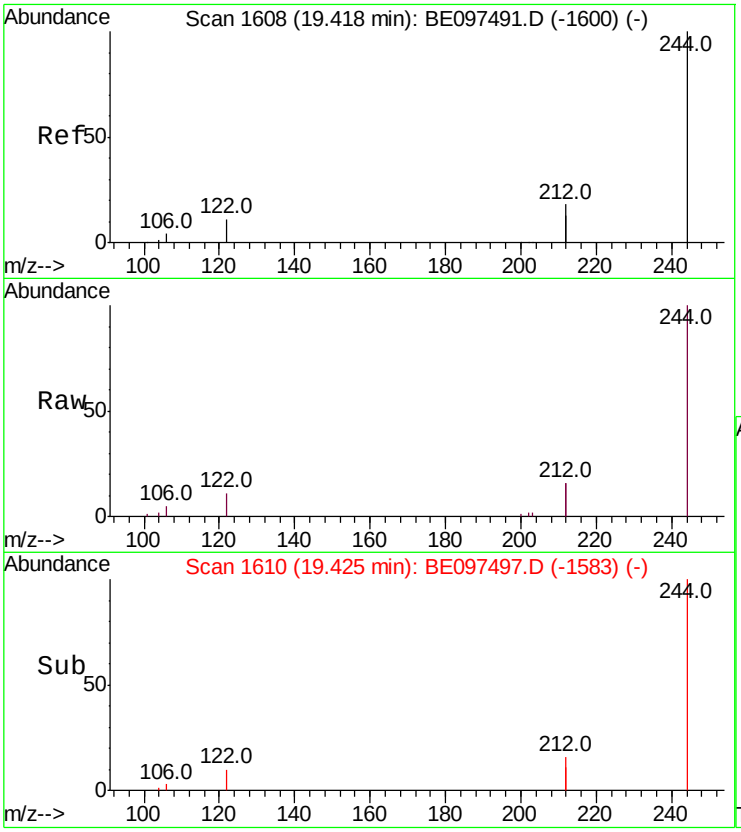


#28
Pyrene
Concen: 0.415 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:202 Resp: 8848

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.3	13.8	20.8



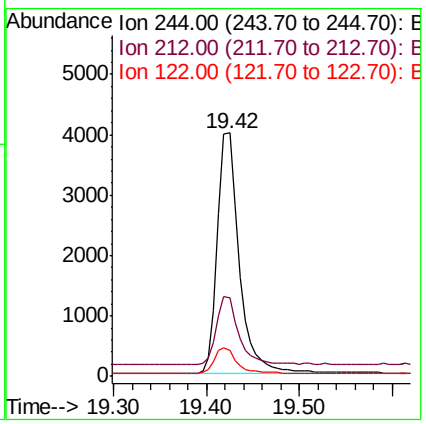


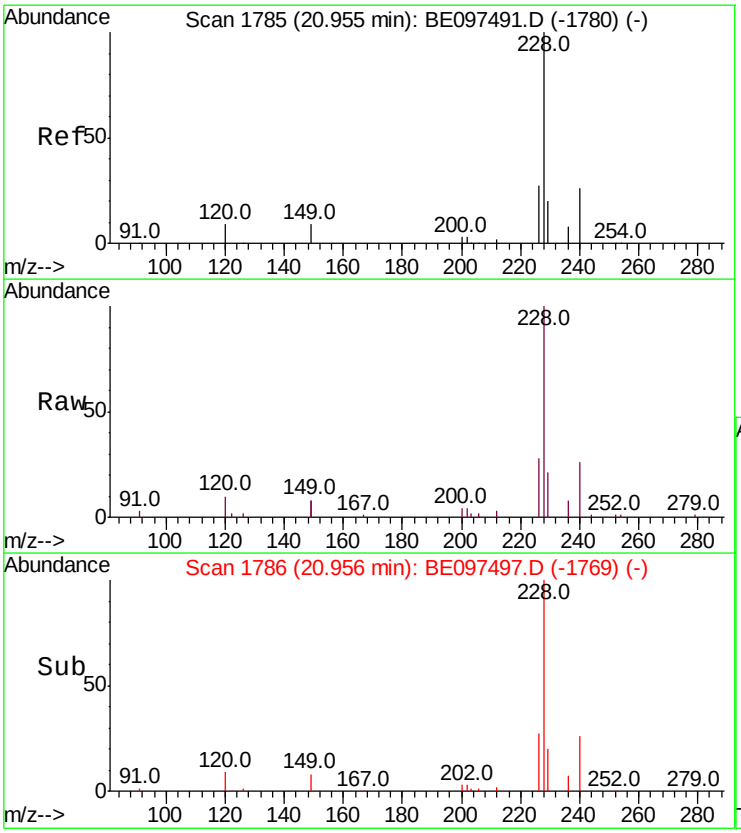
#29
Terphenyl-d14
Concen: 0.415 ng
RT: 19.42 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6572

Ion	Ratio	Lower	Upper
244	100		
212	32.0	25.4	38.0
122	10.7	8.1	12.1

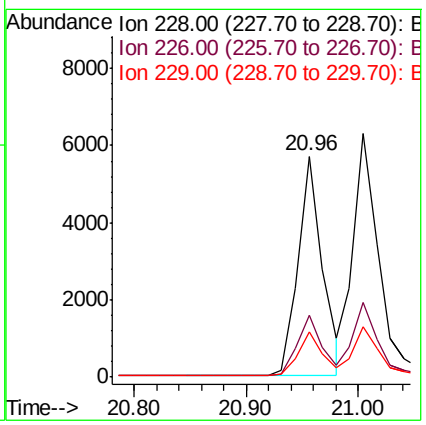


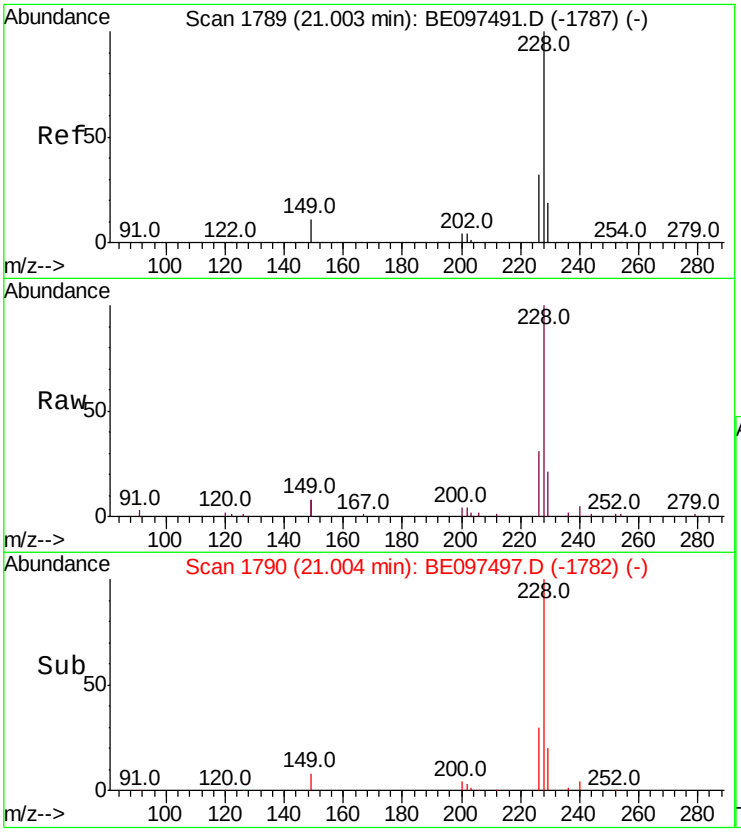


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 20.96 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:228 Resp: 8543

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.0	36.0
229	20.7	16.0	24.0



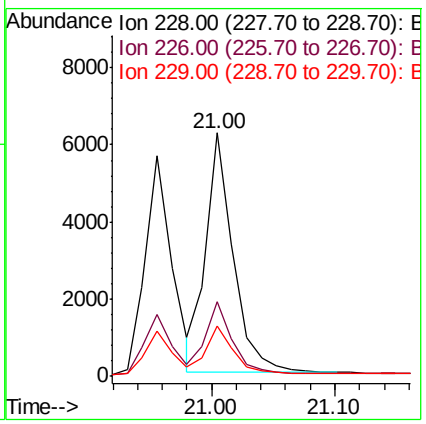


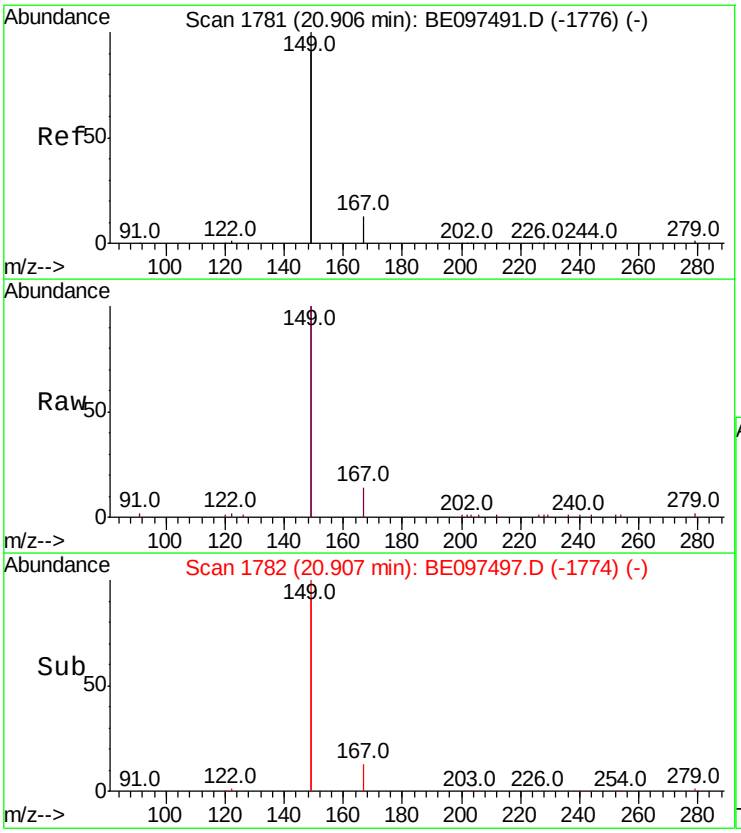
#31
Chrysene
Concen: 0.429 ng
RT: 21.00 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9593

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.5	16.0	24.0

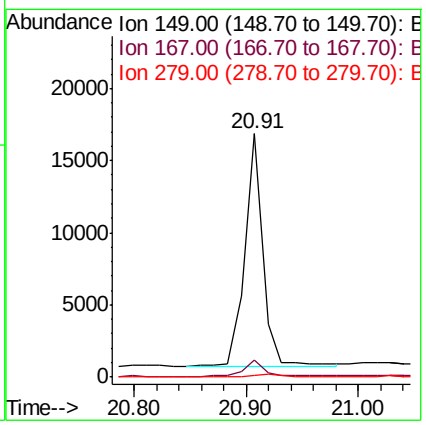


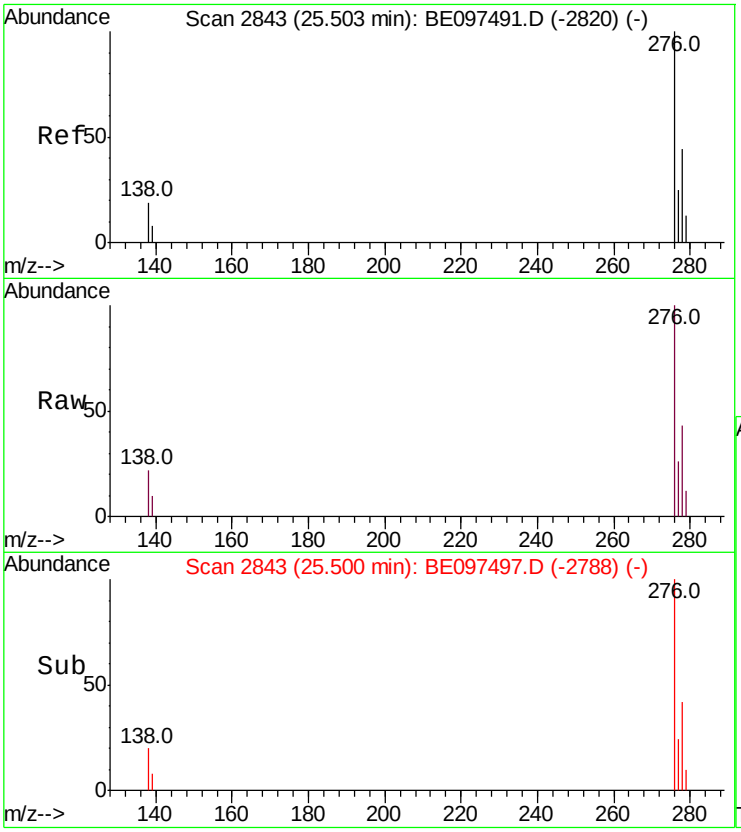


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.388 ng
RT: 20.91 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:149 Resp: 17957

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.2	0.7	1.1#



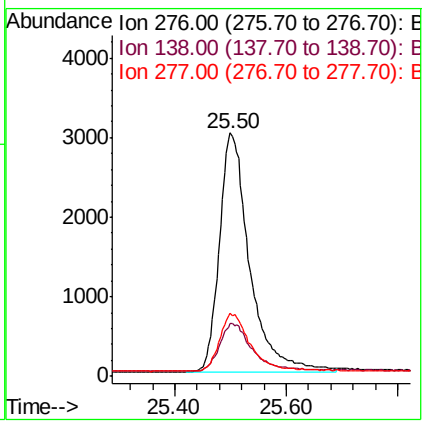


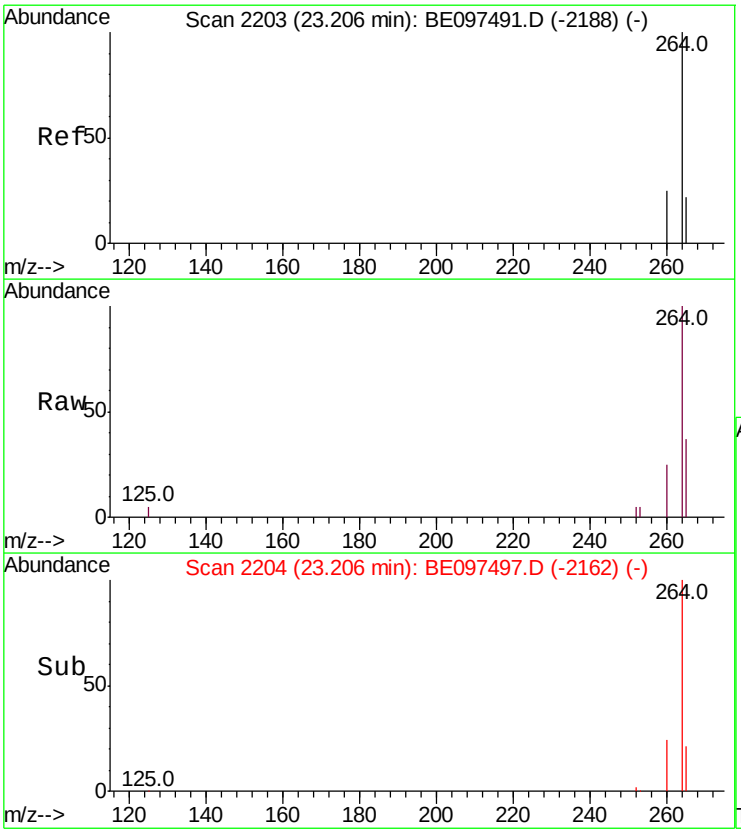
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng
RT: 25.50 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11295

Ion	Ratio	Lower	Upper
276	100		
138	21.1	22.5	33.7#
277	24.2	19.9	29.9

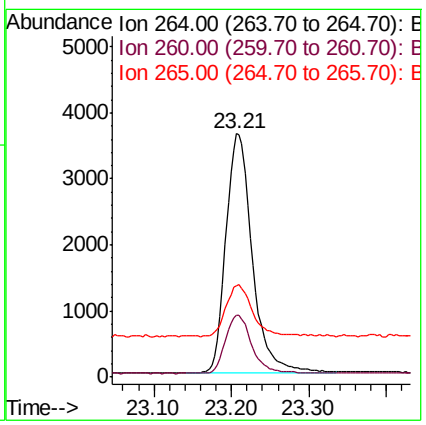


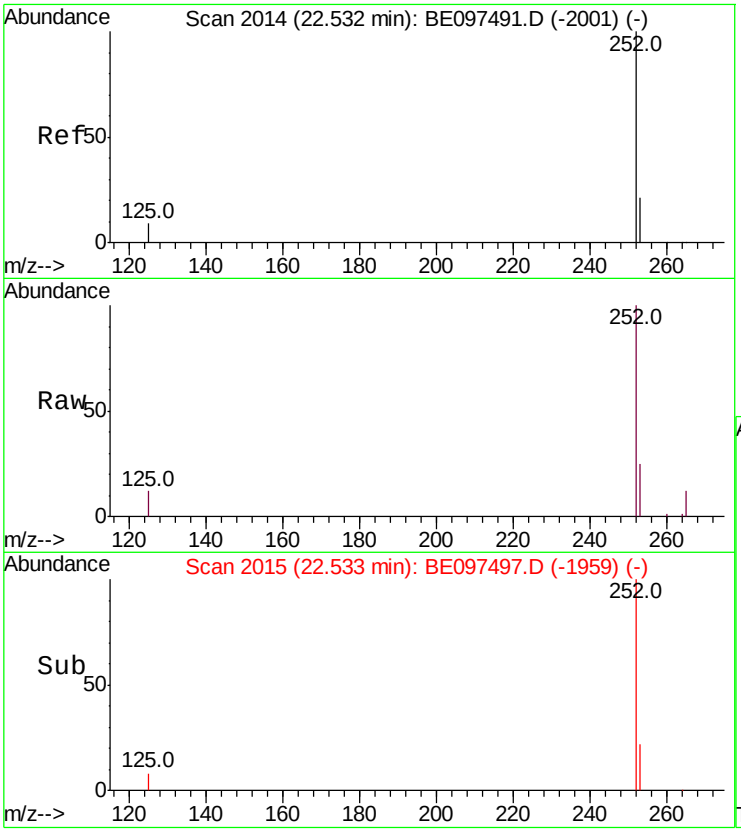


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:264 Resp: 8528

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	37.3	22.8	34.2#



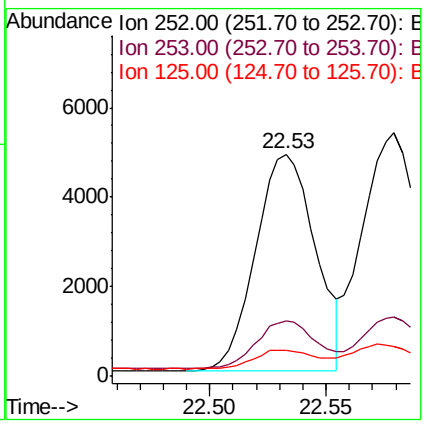


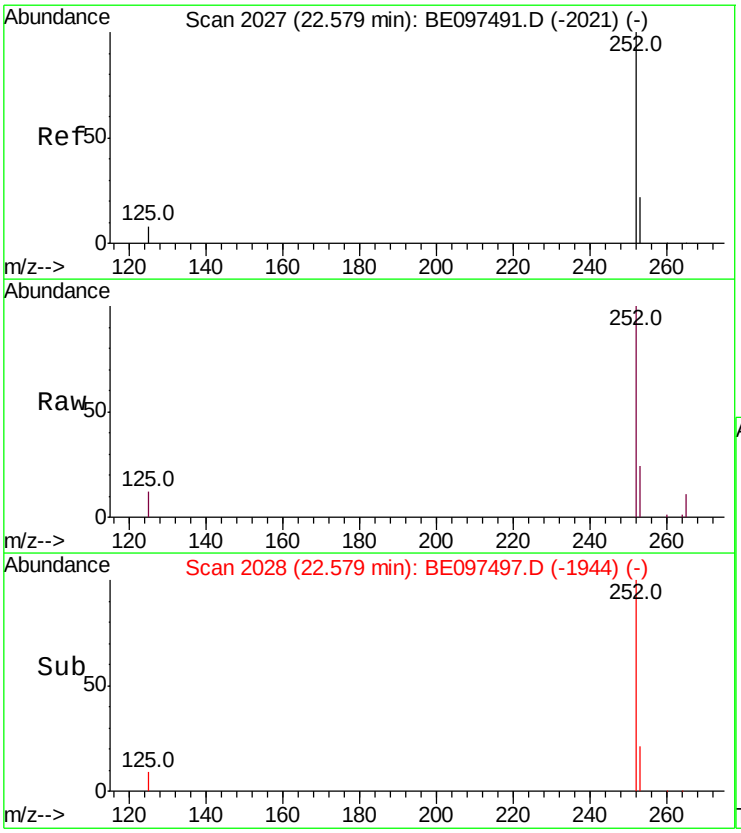
#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 22.53 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8688

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.0	30.0
125	11.8	16.0	24.0#

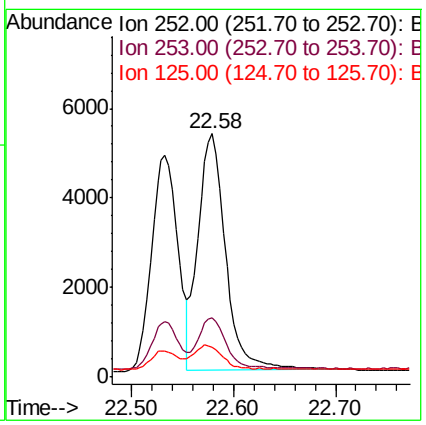


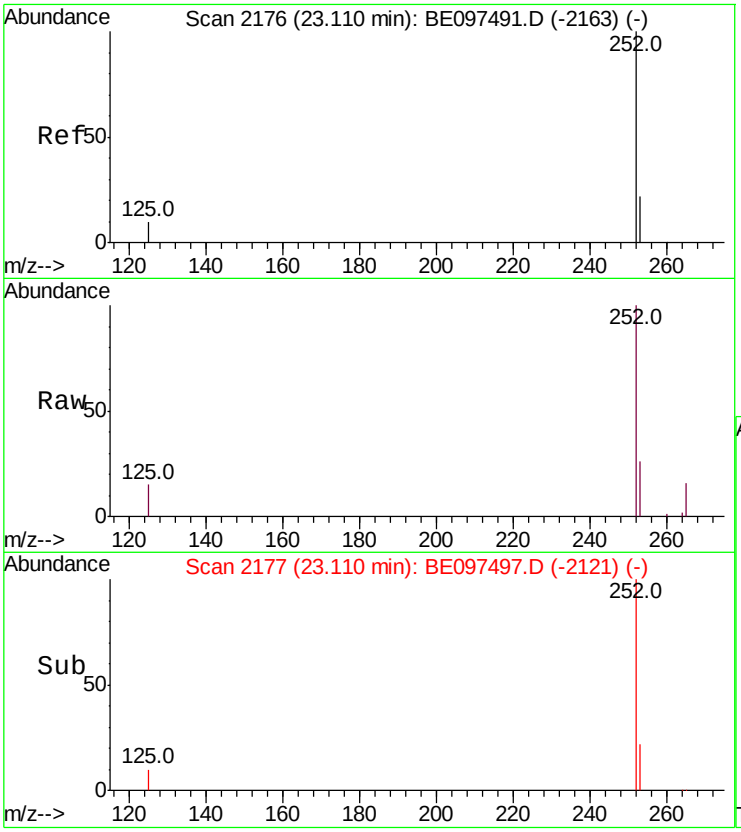


#36
Benzo(k)fluoranthene
Concen: 0.417 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:252 Resp: 9919

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0#
125	12.3	8.0	12.0#



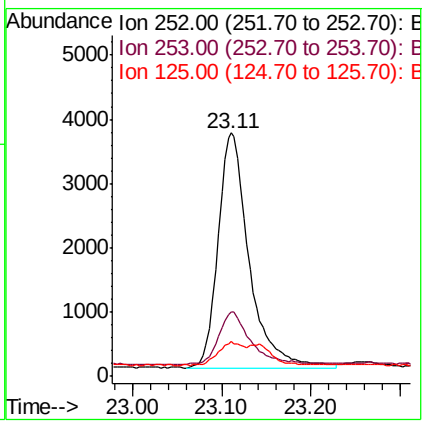


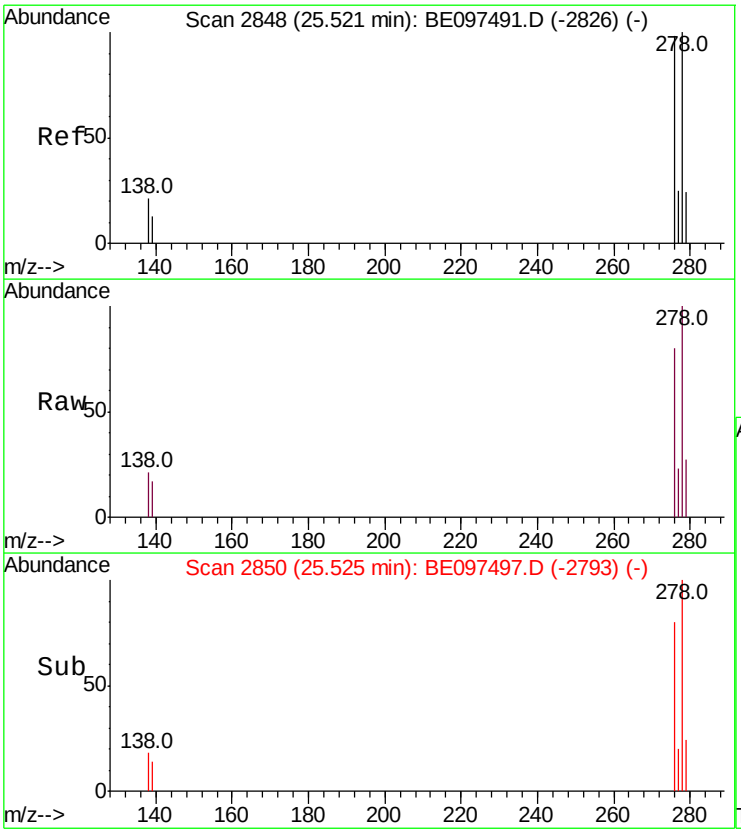
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8929

Ion	Ratio	Lower	Upper
252	100		
253	26.3	16.0	24.0#
125	14.6	12.0	18.0

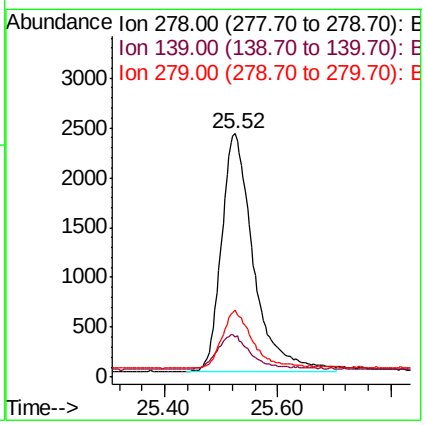


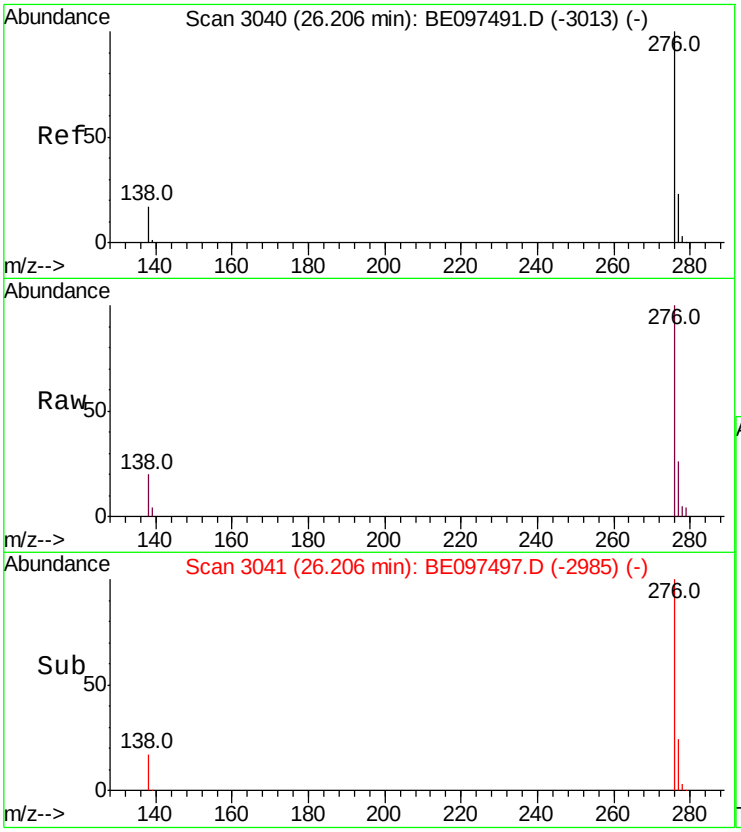


#38
Dibenzo(a,h)anthracene
Concen: 0.415 ng
RT: 25.52 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Tgt Ion:278 Resp: 9388

Ion	Ratio	Lower	Upper
278	100		
139	16.7	16.0	24.0
279	27.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.407 ng
RT: 26.21 min Scan# 3041
Delta R.T. 0.00 min
Lab File: BE097497.D
Acq: 17 Sep 2018 15:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9388

Ion	Ratio	Lower	Upper
276	100		
277	25.6	16.0	24.0#
138	20.0	20.0	30.0#