Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\
Data File : BE097692.D
Acq On : 27 Sep 2018 13:06
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Sep 27 14:16:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 27 14:15:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	911	0.40	ng		0.00
7) Naphthalene-d8	10.12	136	4145	0.40	ng		0.00
13) Acenaphthene-d10	13.99	164	2298	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	6130	0.40	ng		0.00
27) Chrysene-d12	20.97	240	7502	0.40	ng		0.00
34) Perylene-d12	23.20	264	6945	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	838	0.35	ng		0.00
5) Phenol-d6	6.62	99	965	0.29	ng		0.00
8) Nitrobenzene-d5	8.54	82	1147	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2442	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	307	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3660	0.49	ng		0.00
25) Fluoranthene-d10	18.80	212	28149	0.42	ng		0.00
29) Terphenyl-d14	19.42	244	6229	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	703	0.431	ng	#	87
3) n-Nitrosodimethylamine	3.37	42	432	0.451	ng		96
6) bis(2-Chloroethyl)ether	6.83	93	1148	0.419	ng		75
9) Naphthalene	10.17	128	15880	0.422	ng		99
10) Hexachlorobutadiene	10.44	225	730	0.426	ng		98
12) 2-Methylnaphthalene	11.80	142	2390	0.401	ng		96
16) Acenaphthylene	13.71	152	3634	0.393	ng		100
17) Acenaphthene	14.06	154	2581	0.428	ng		96
18) Fluorene	15.05	166	3259	0.384	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	1201	0.442	ng	#	80
21) Hexachlorobenzene	16.07	284	1335	0.426	ng	#	82
22) Pentachlorophenol	16.44	266	314	0.421	ng	#	83
23) Phenanthrene	16.80	178	6086	0.420	ng		99
24) Anthracene	16.89	178	4814	0.400	ng		96
26) Fluoranthene	18.83	202	7474	0.430	ng		98
28) Pyrene	19.20	202	7589	0.388	ng		99
30) Benzo(a)anthracene	20.95	228	6981	0.394	ng		96
31) Chrysene	21.00	228	9021	0.435	ng		100
32) Bis(2-ethylhexyl)phthalate	20.89	149	8092	0.400	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.49	276	9355	0.428	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	7521	0.424	ng	#	89
36) Benzo(k)fluoranthene	22.57	252	8996	0.428	ng		94
37) Benzo(a)pyrene	23.11	252	7153	0.408	ng	#	93
38) Dibenzo(a,h)anthracene	25.52	278	7778	0.422	ng	#	96
39) Benzo(g,h,i)perylene	26.20	276	7997	0.436	ng	#	90

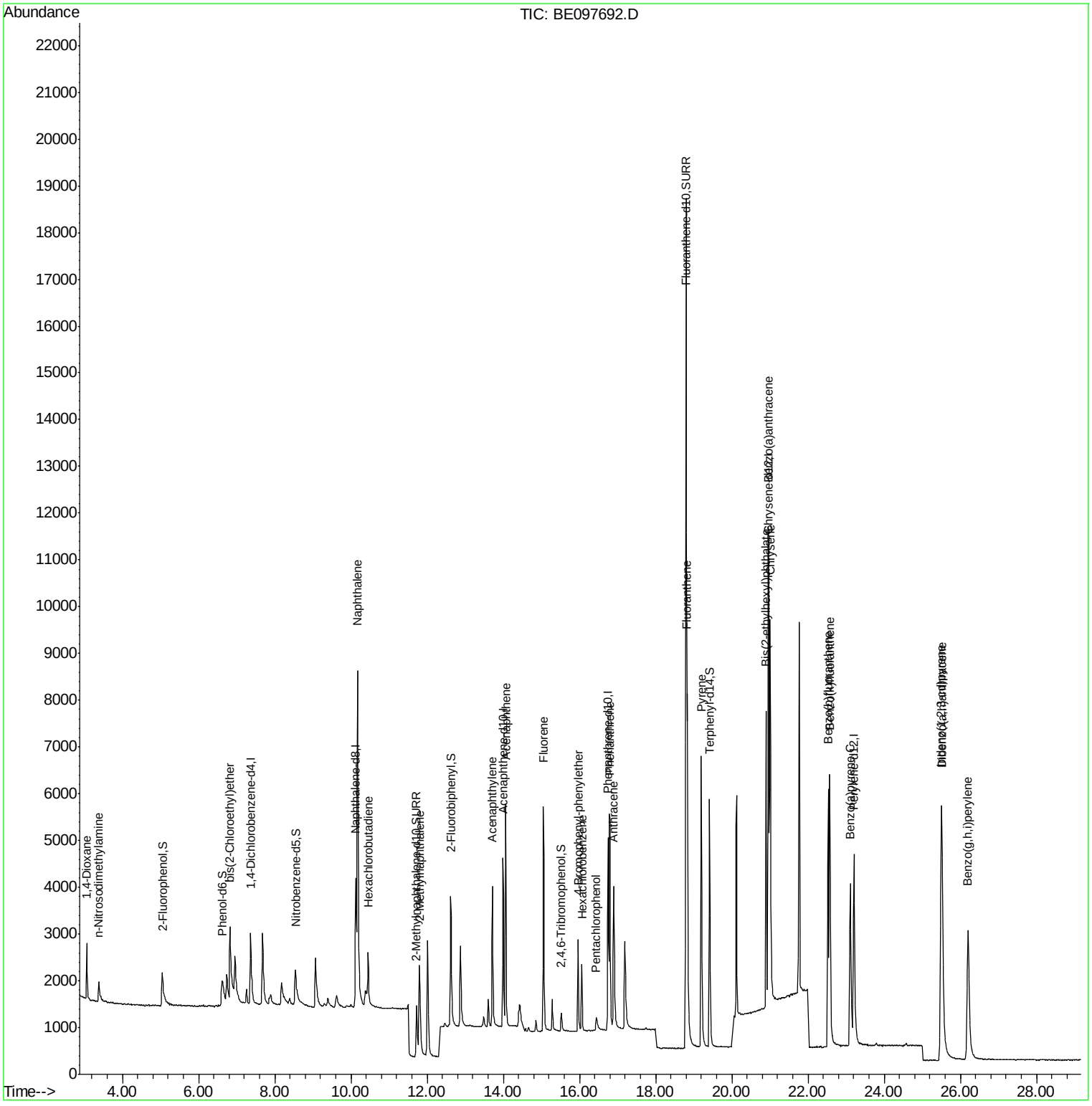
(#) = qualifier out of range (m) = manual integration (+) = signals summed

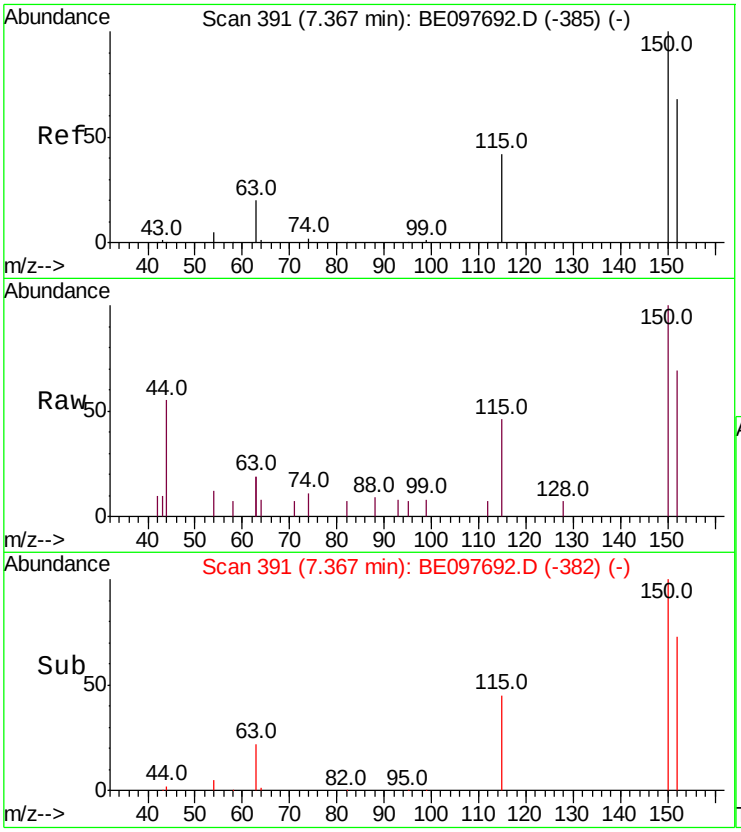
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\
Data File : BE097692.D
Acq On : 27 Sep 2018 13:06
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 27 14:16:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 27 14:15:53 2018
Response via : Initial Calibration



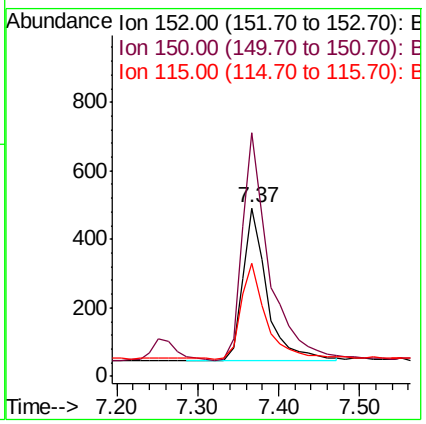


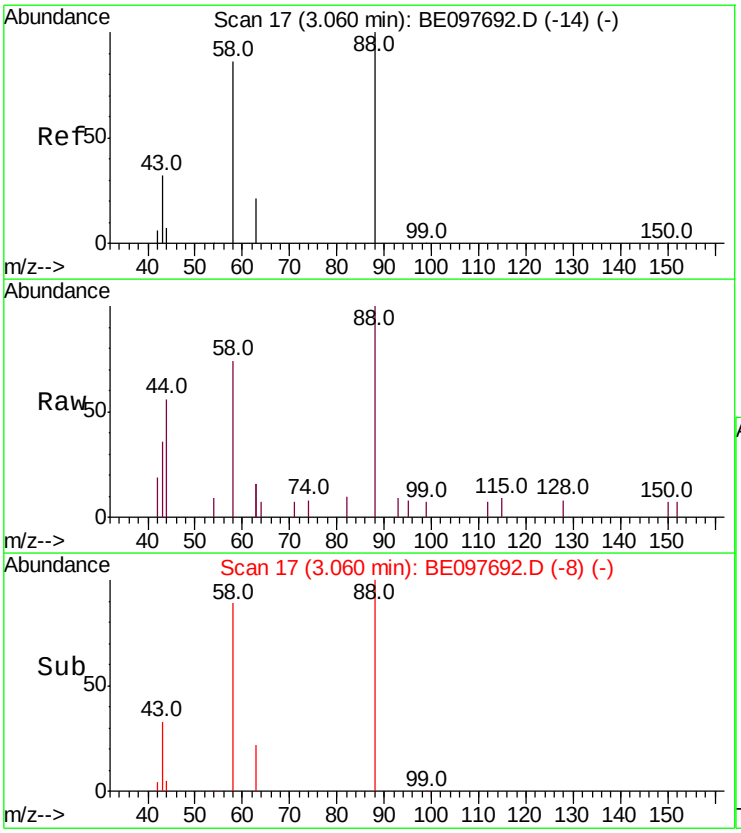
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 911

Ion	Ratio	Lower	Upper
152	100		
150	144.8	117.2	175.8
115	67.2	57.0	85.6

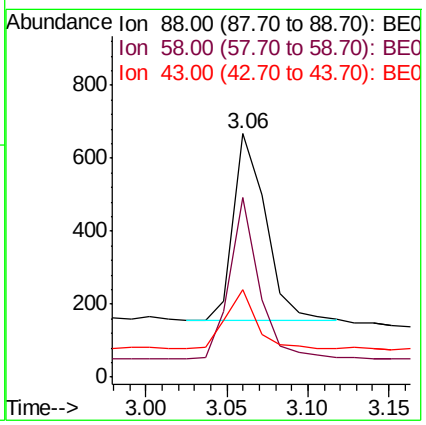


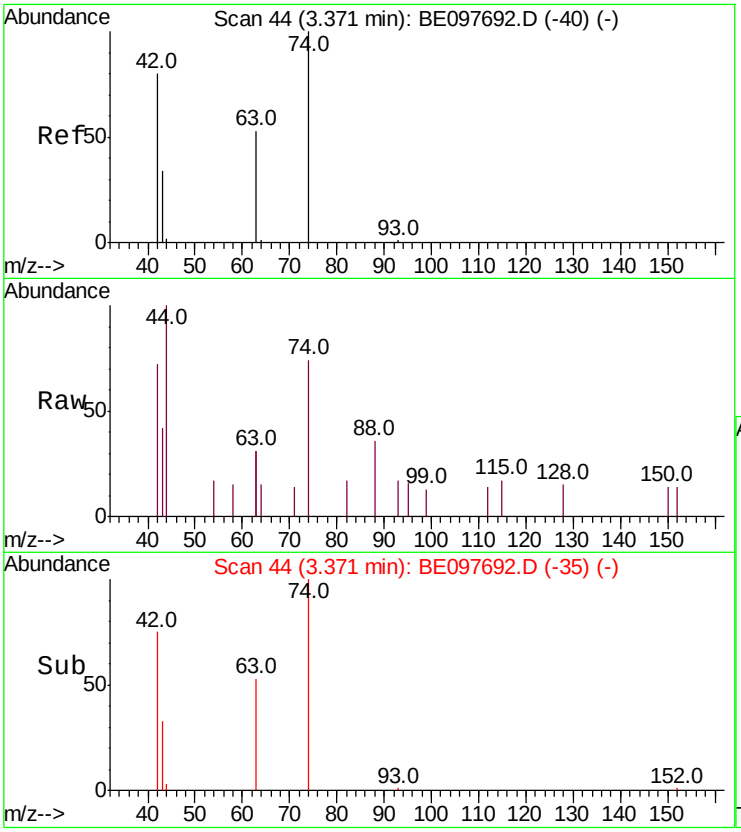


#2
1,4-Dioxane
Concen: 0.431 ng
RT: 3.06 min Scan# 17
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion: 88 Resp: 703

Ion	Ratio	Lower	Upper
88	100		
58	80.7	63.2	94.8
43	30.4	41.2	61.8#



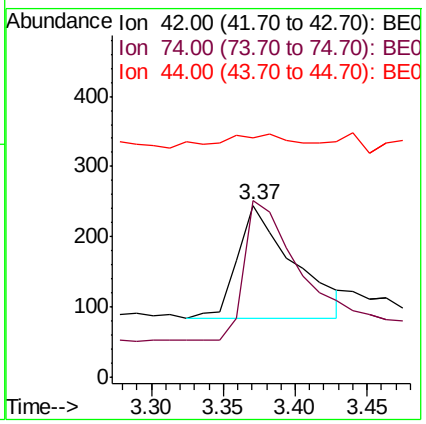


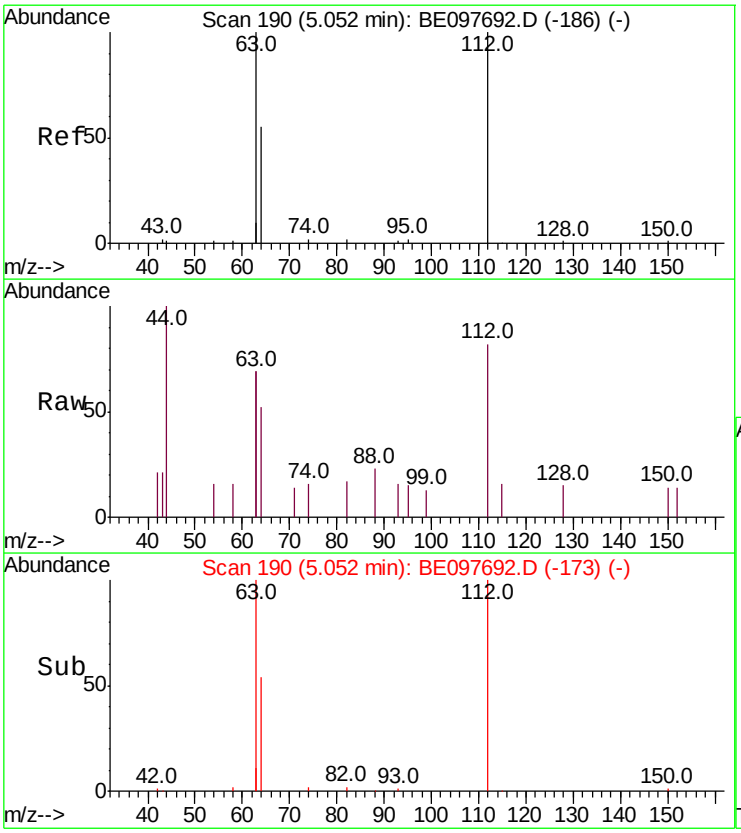
#3
n-Nitrosodimethylamine
Concen: 0.451 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 432

Ion	Ratio	Lower	Upper
42	100		
74	124.1	96.0	144.0
44	13.7	12.0	18.0

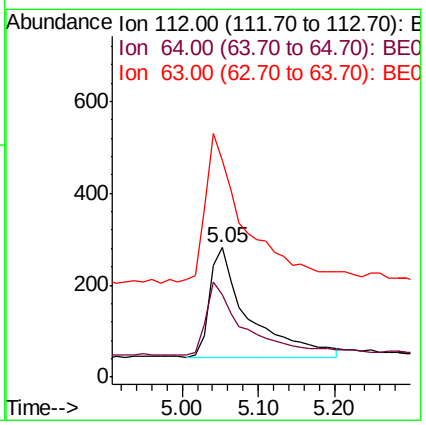


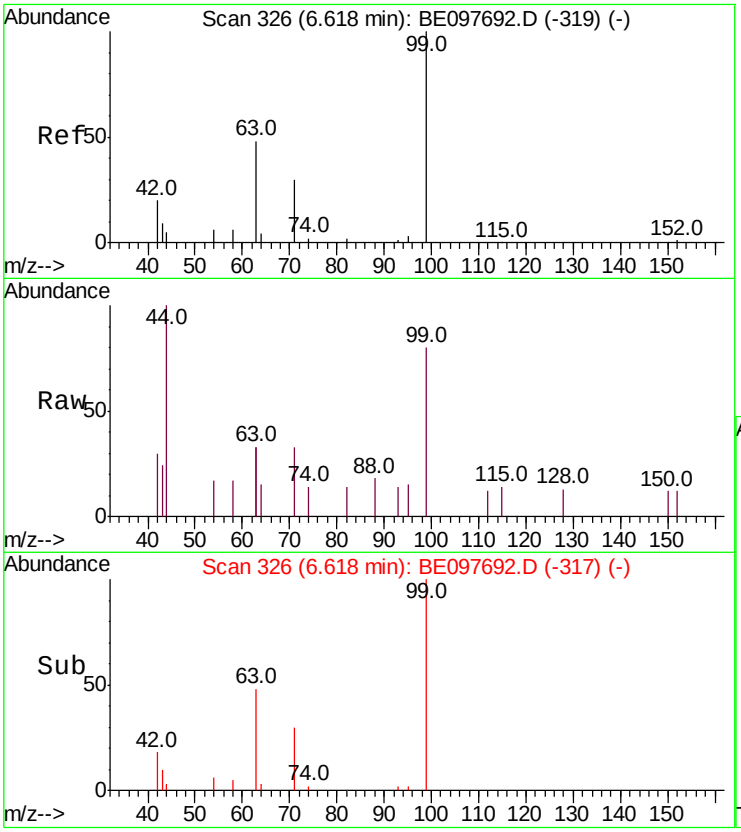


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:112 Resp: 838

Ion	Ratio	Lower	Upper
112	100		
64	67.1	60.1	90.1
63	141.2	116.8	175.2



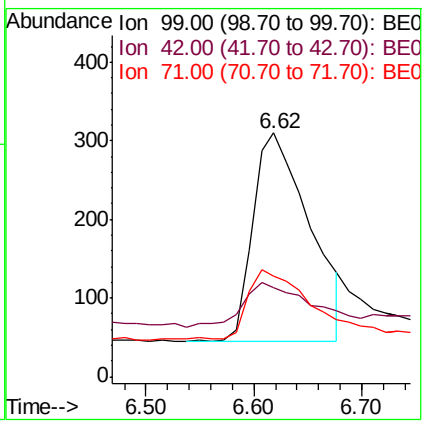


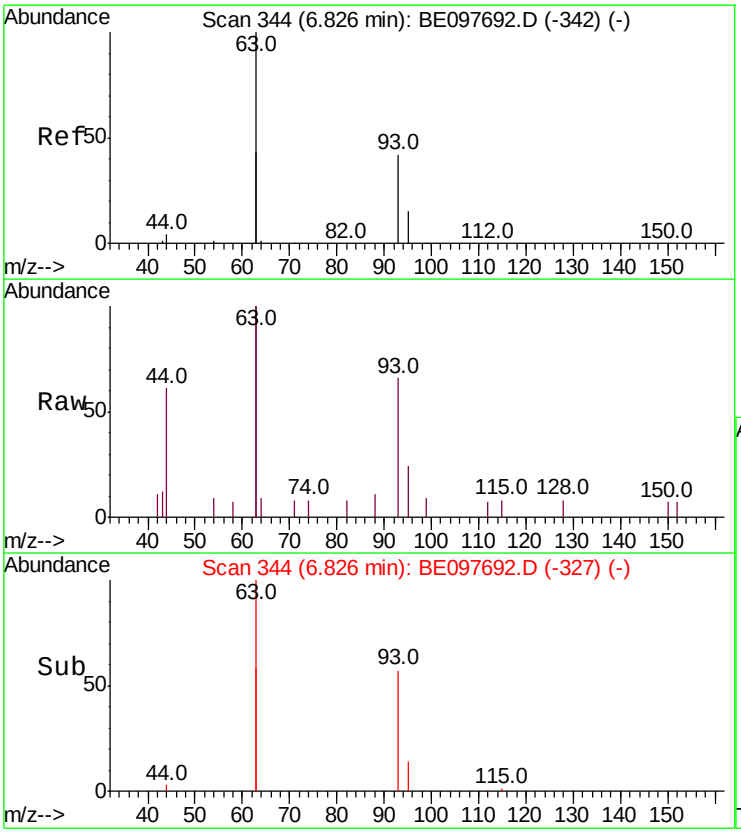
#5
Phenol-d6
Concen: 0.285 ng
RT: 6.62 min Scan# 326
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 965

Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.2	30.2
71	33.9	28.4	42.6

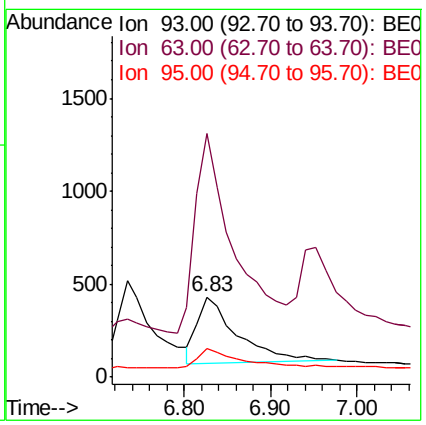


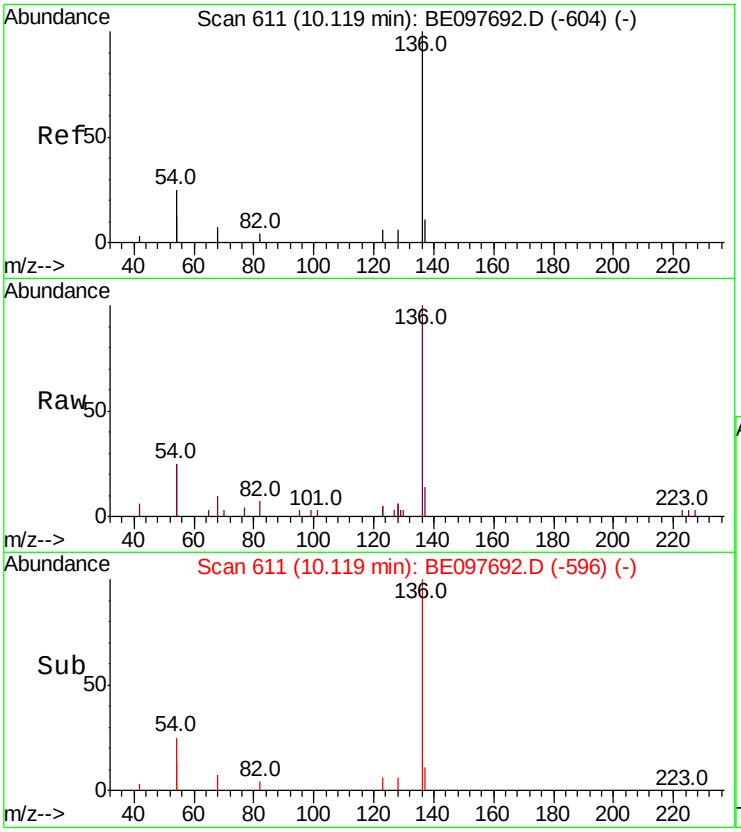


#6
bis(2-Chloroethyl)ether
Concen: 0.419 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion: 93 Resp: 1148

Ion	Ratio	Lower	Upper
93	100		
63	285.9	275.3	412.9
95	30.8	25.2	37.8



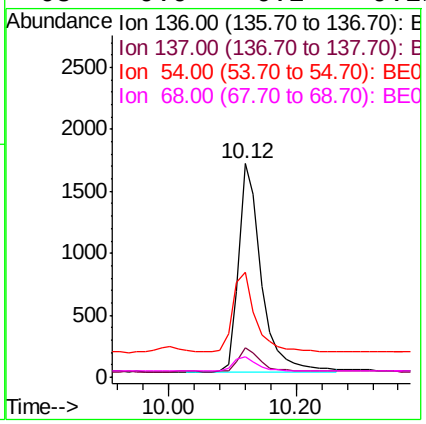


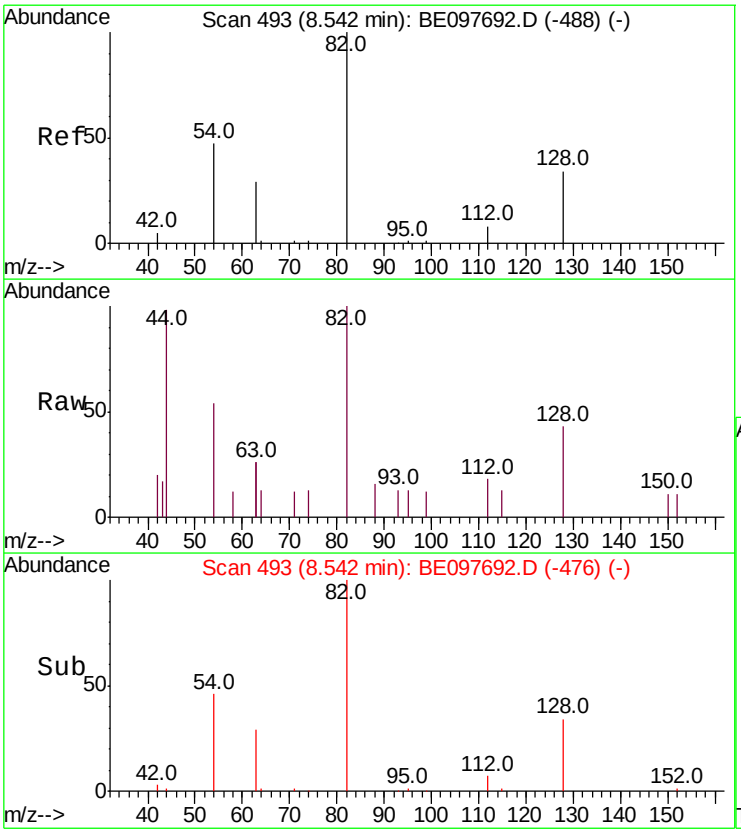
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 4145

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.5	14.3
54	49.3	29.1	43.7#
68	9.9	6.2	9.2#

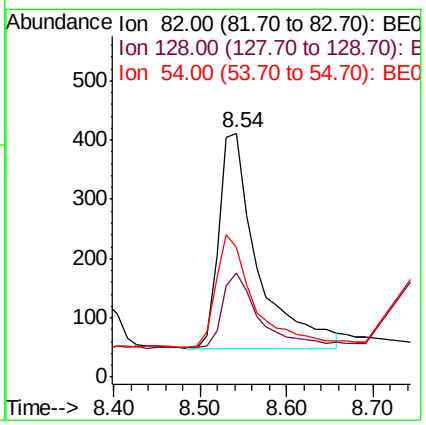


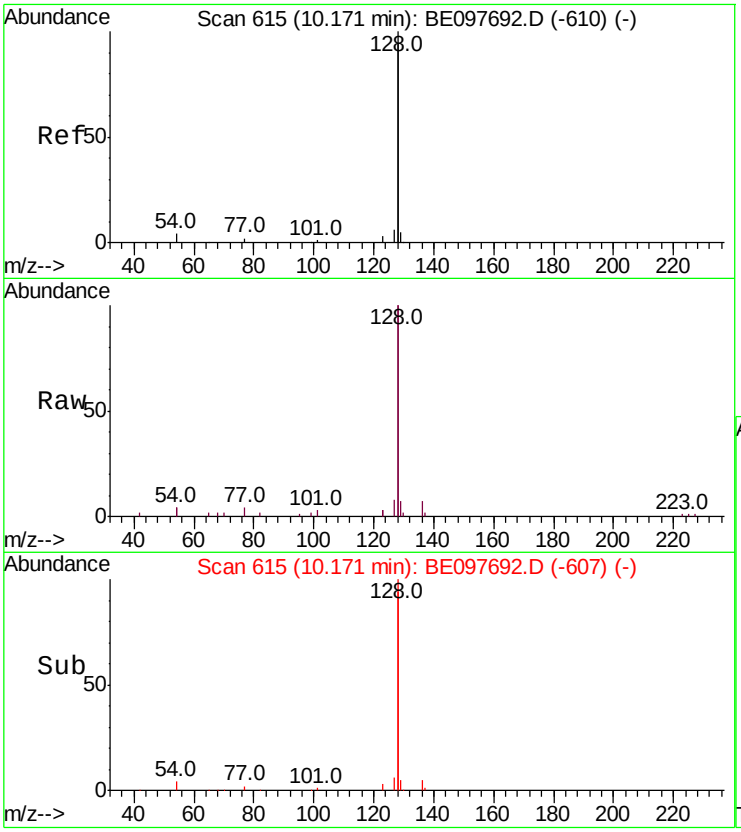


#8
Nitrobenzene-d5
Concen: 0.477 ng
RT: 8.54 min Scan# 493
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion: 82 Resp: 1147

Ion	Ratio	Lower	Upper
82	100		
128	42.6	24.0	36.0#
54	53.5	40.0	60.0



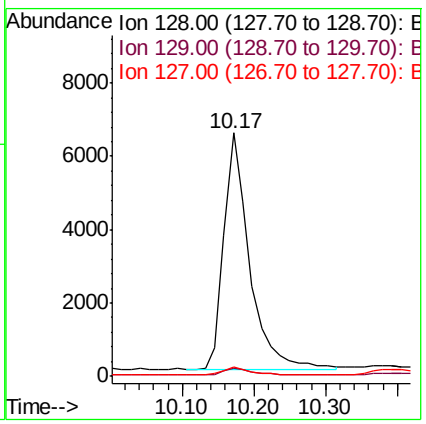


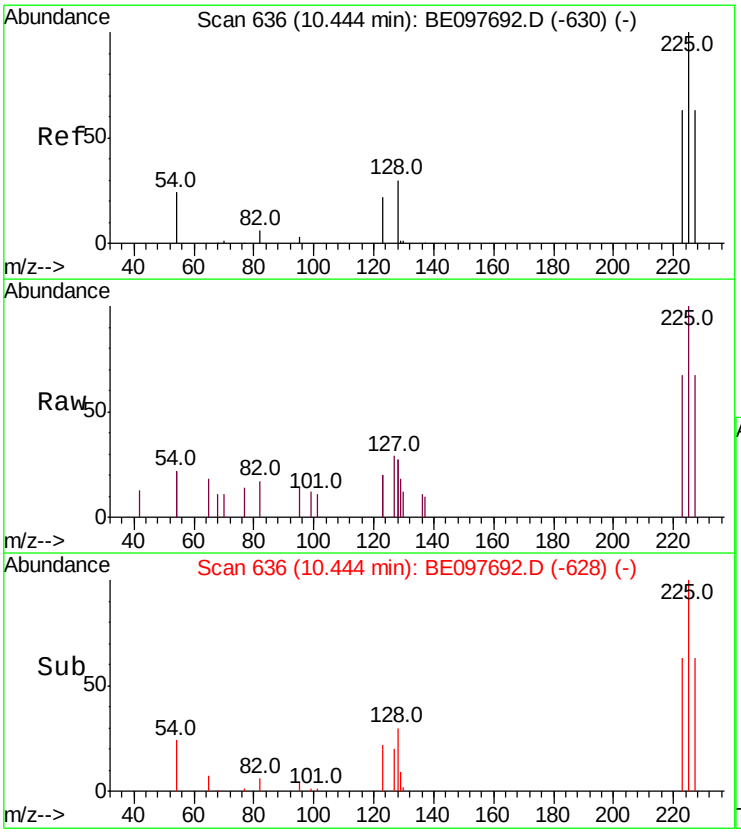
#9
Naphthalene
Concen: 0.422 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 15880

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.9	2.8	4.2

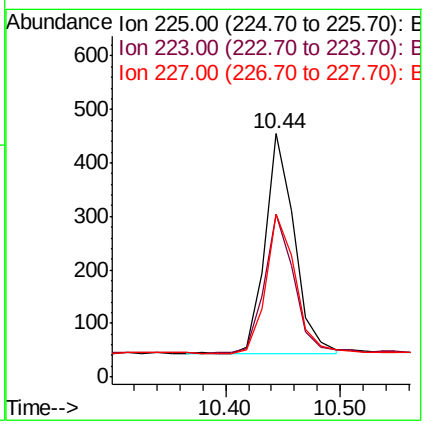


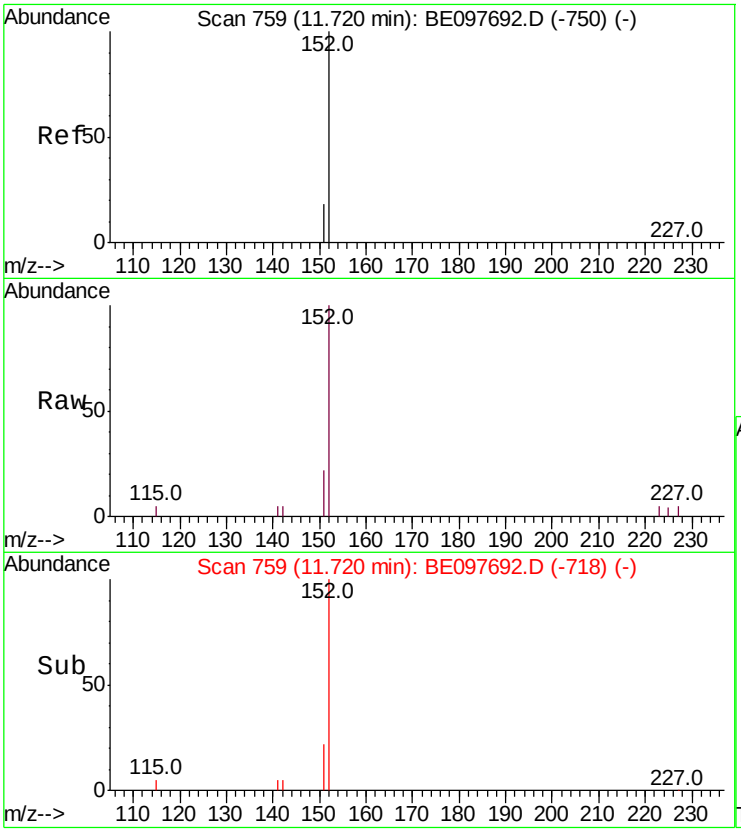


#10
Hexachlorobutadiene
Concen: 0.426 ng
RT: 10.44 min Scan# 636
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:225 Resp: 730

Ion	Ratio	Lower	Upper
225	100		
223	64.2	53.0	79.6
227	64.0	51.4	77.2



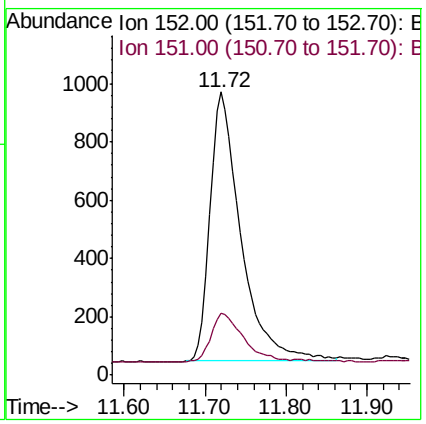


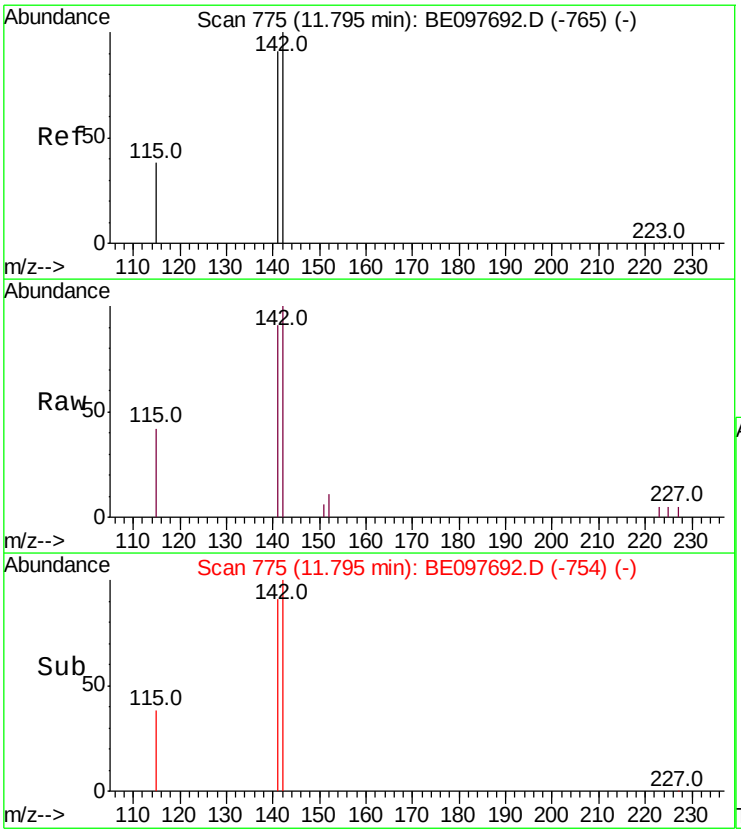
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.72 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2442

Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.4	23.0

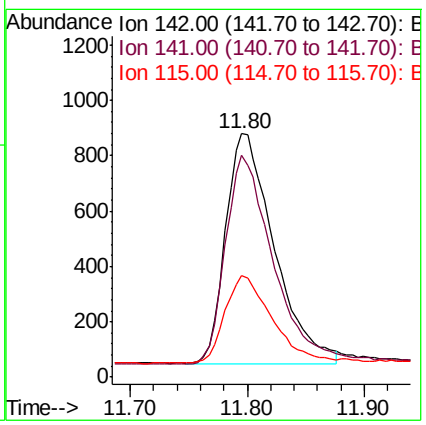


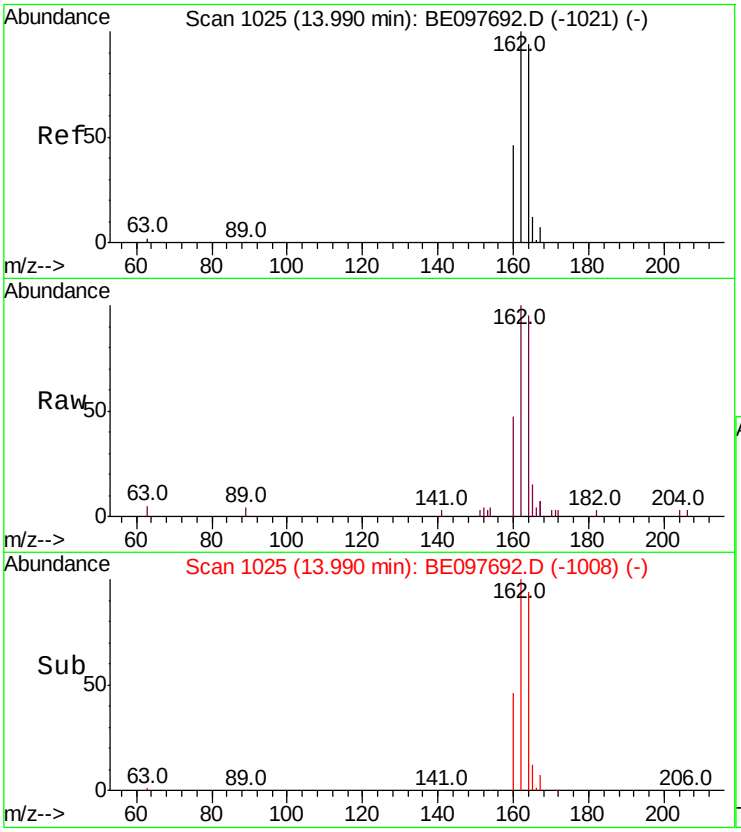


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:142 Resp: 2390

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.4	105.6
115	41.9	31.7	47.5



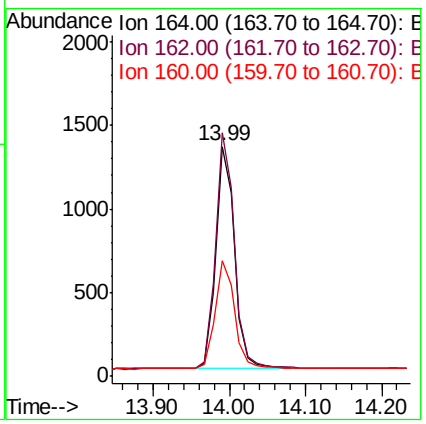


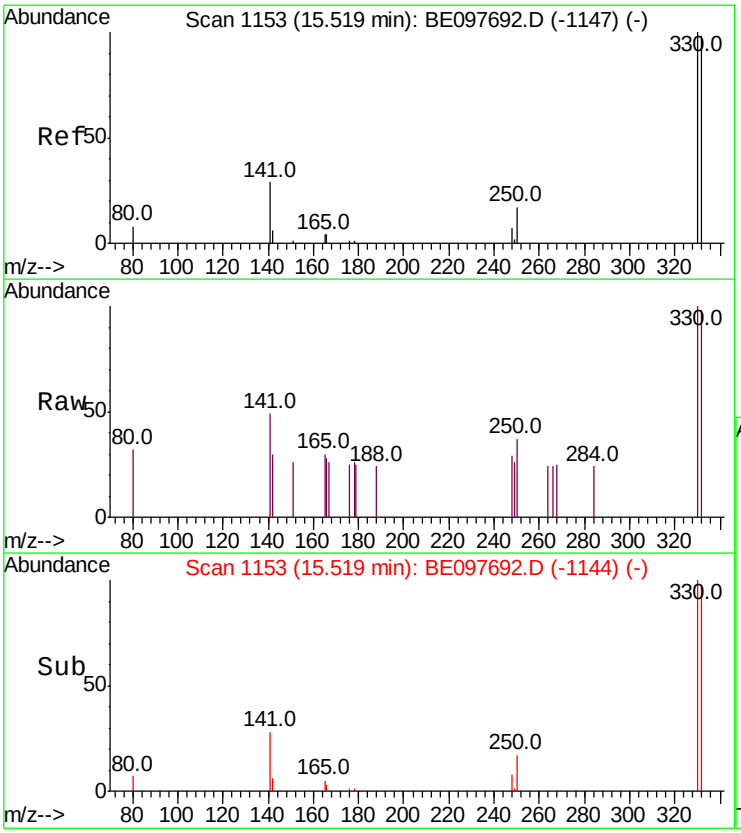
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 2298

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.1	124.7
160	50.2	37.1	55.7

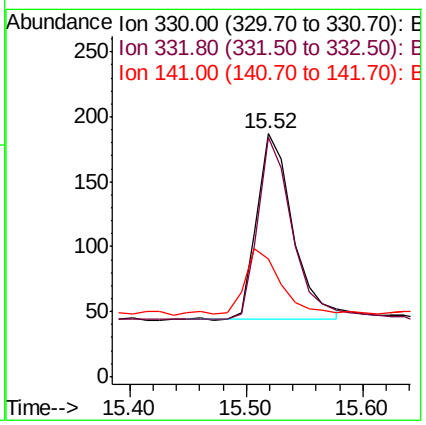


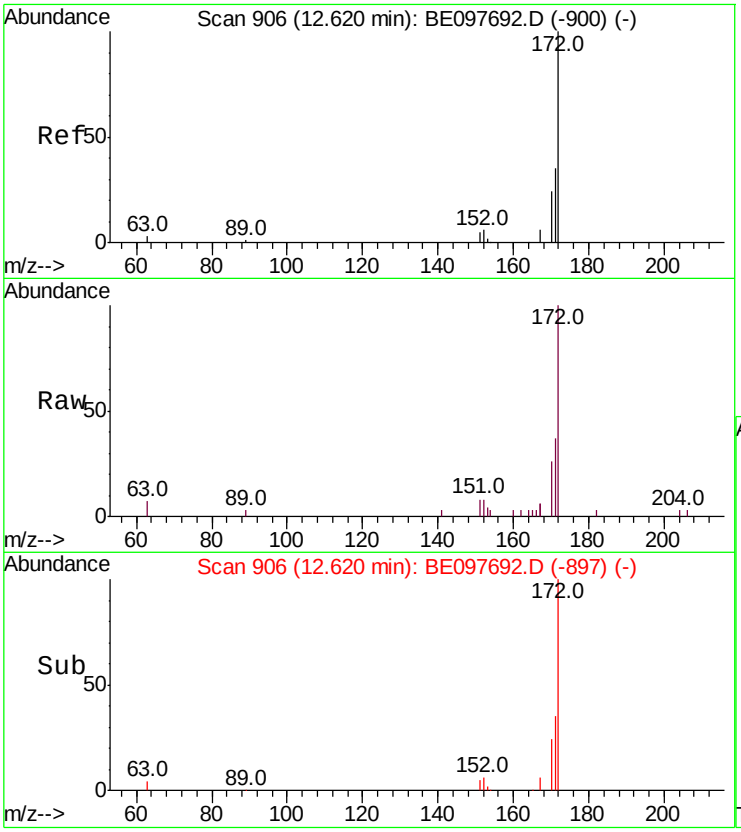


#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:330 Resp: 307

Ion	Ratio	Lower	Upper
330	100		
332	94.1	152.7	229.1#
141	37.8	33.7	50.5



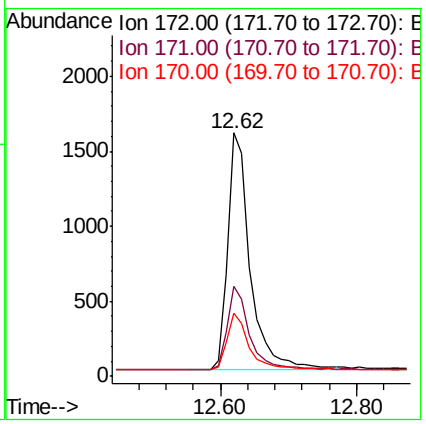


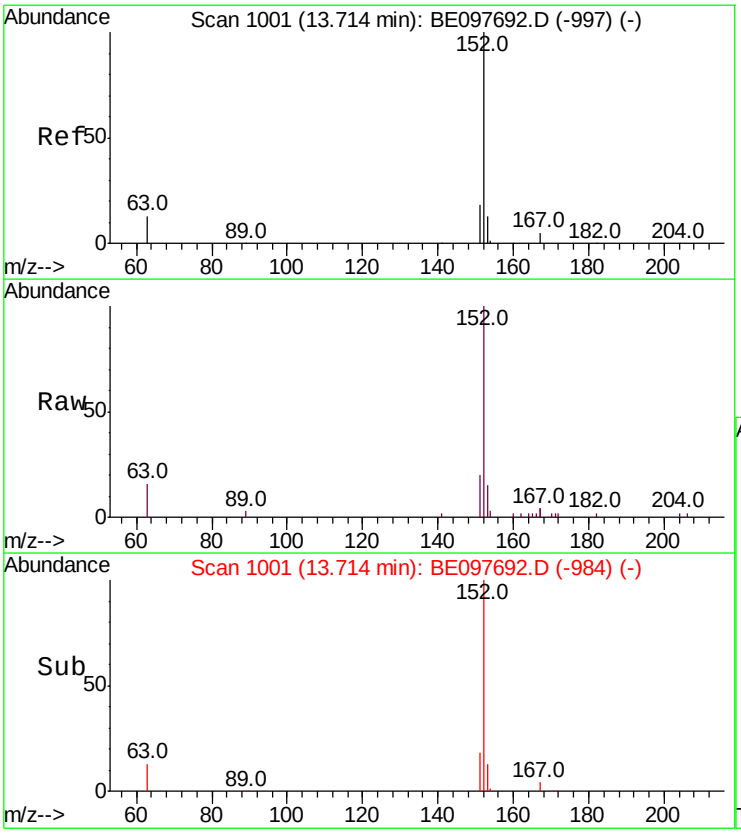
#15
2-Fluorobiphenyl
Concen: 0.488 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 3660

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	25.8	21.8	32.8

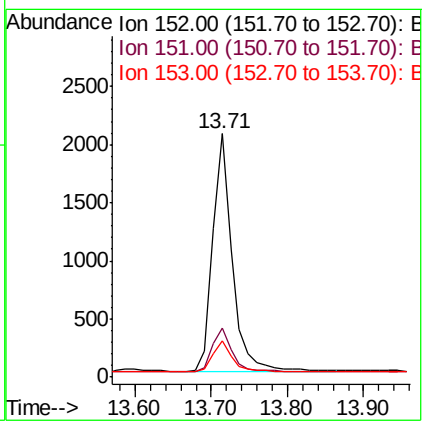


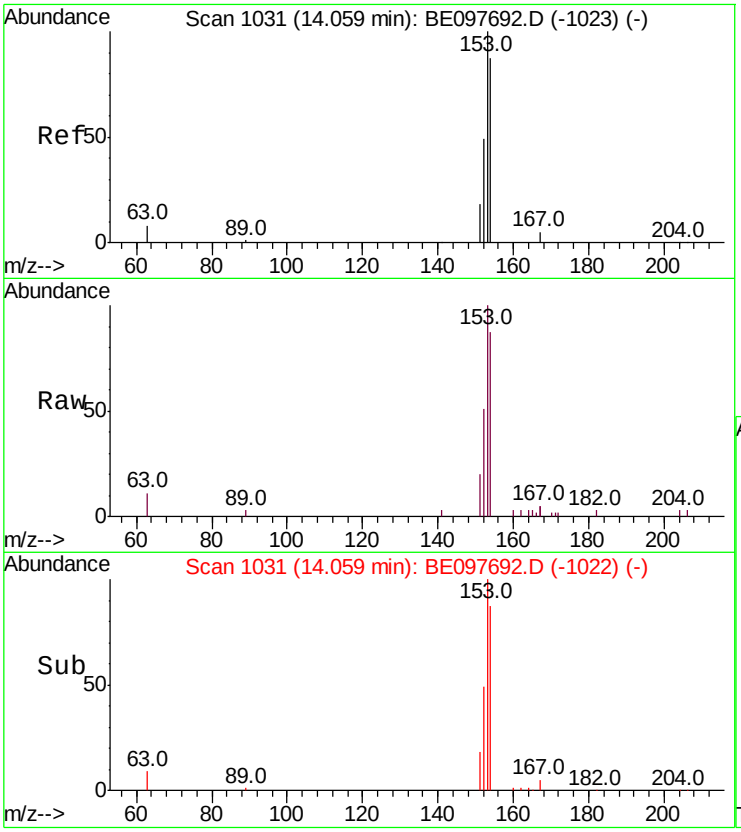


#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.71 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:152 Resp: 3634

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.2	10.5	15.7



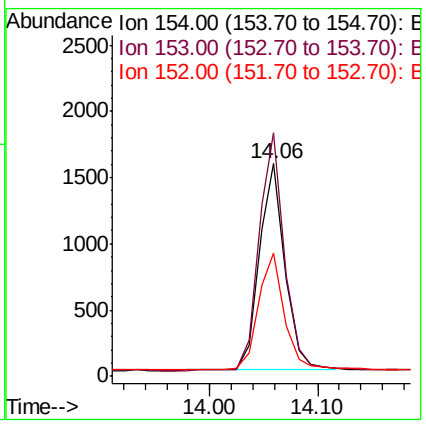


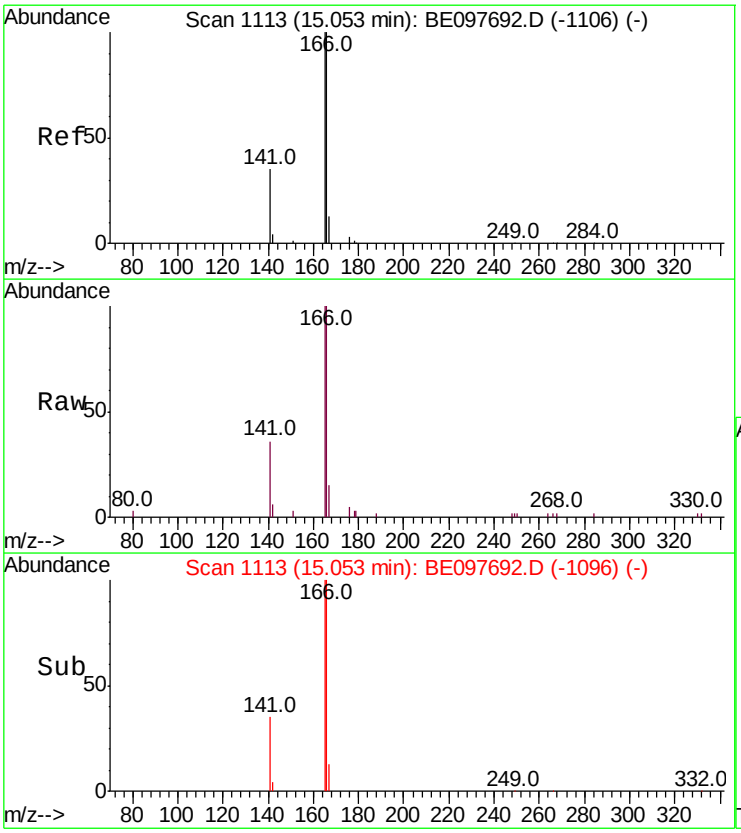
#17
Acenaphthene
Concen: 0.428 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 2581

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.2	133.8
152	57.0	42.0	63.0

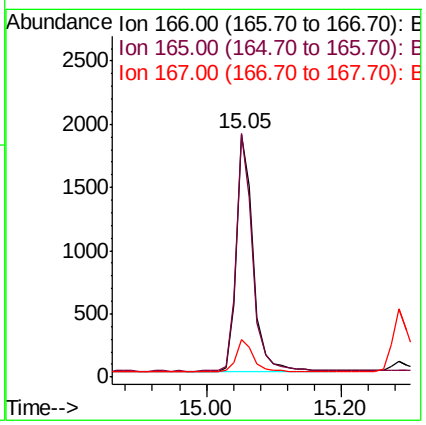


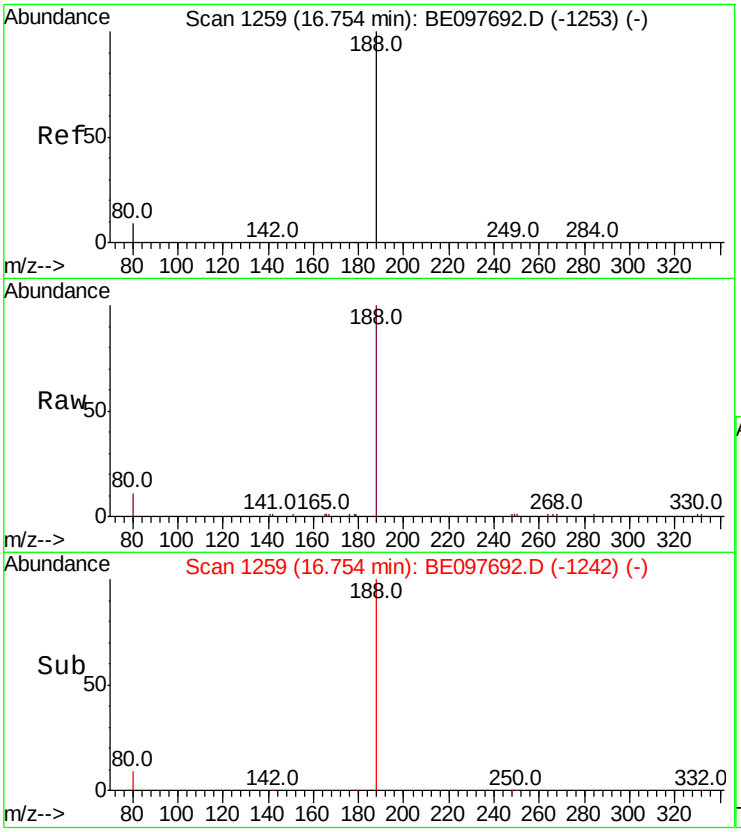


#18
Fluorene
Concen: 0.384 ng
RT: 15.05 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:166 Resp: 3259

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.6
167	13.1	42.4	63.6#



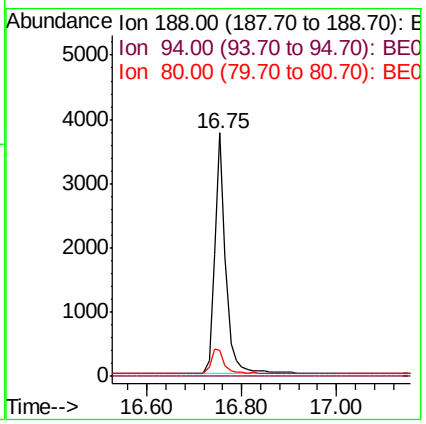


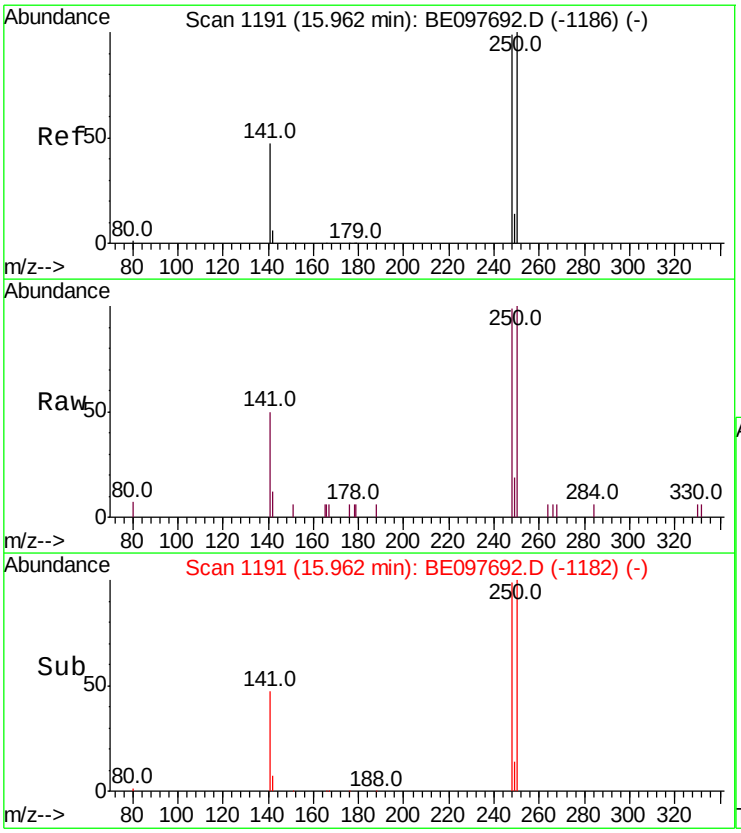
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 6130

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.7	3.6	5.4#

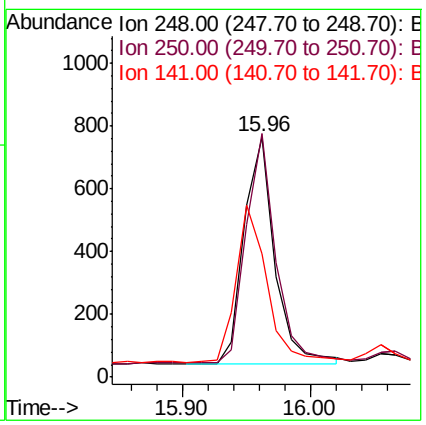


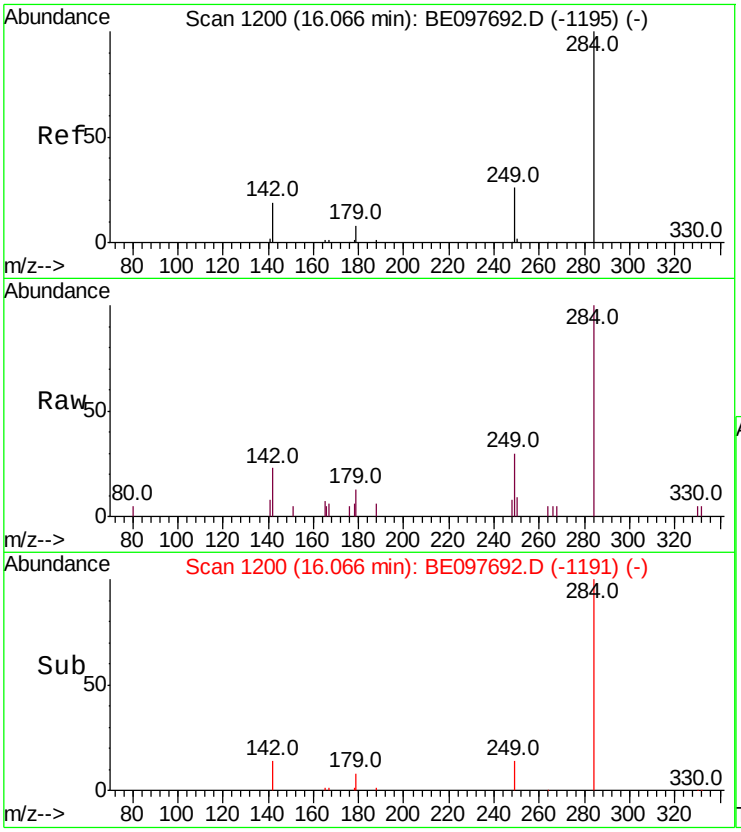


#20
4-Bromophenyl-phenylether
Concen: 0.442 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:248 Resp: 1201

Ion	Ratio	Lower	Upper
248	100		
250	101.3	62.7	94.1#
141	51.0	48.2	72.2



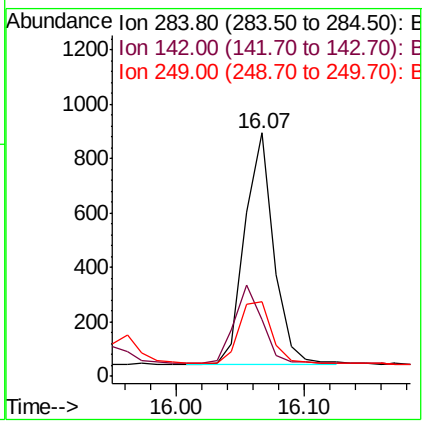


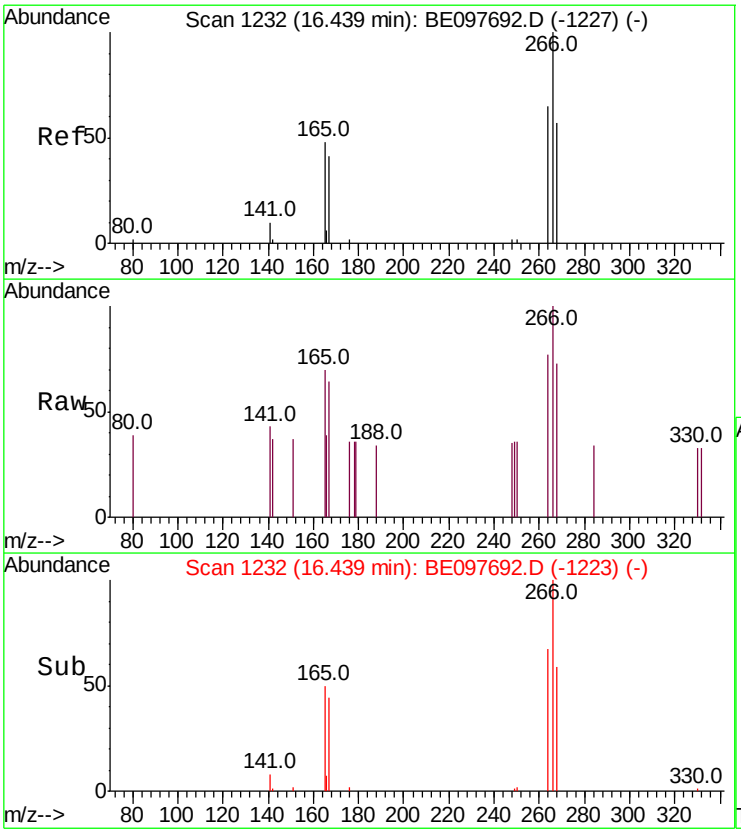
#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 1335

Ion	Ratio	Lower	Upper
284	100		
142	33.0	22.1	33.1
249	29.3	34.8	52.2#

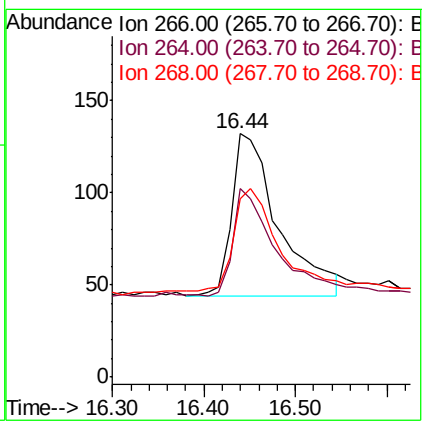


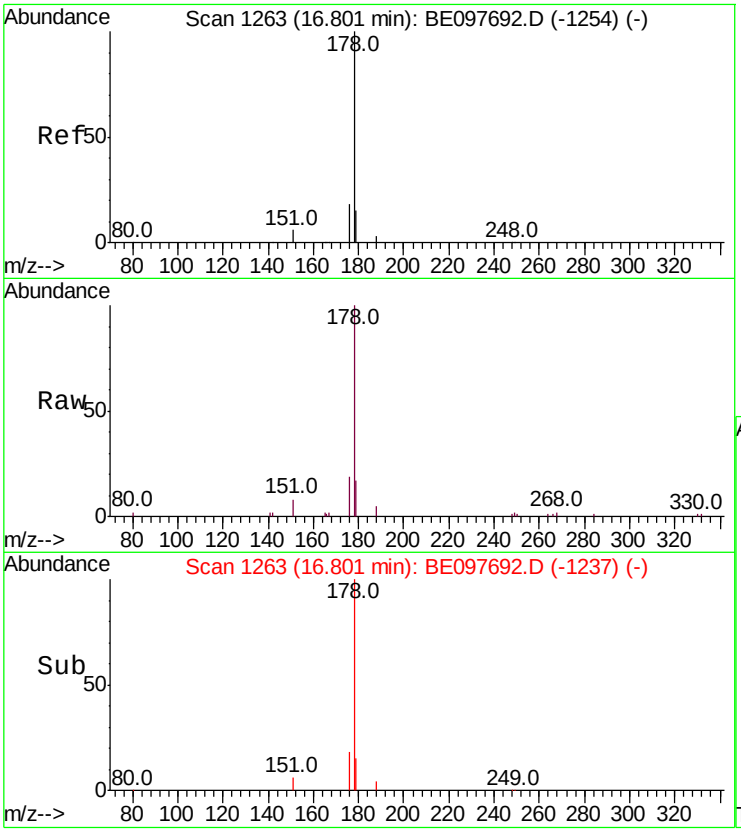


#22
Pentachlorophenol
Concen: 0.421 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:266 Resp: 314

Ion	Ratio	Lower	Upper
266	100		
264	77.3	72.5	108.7
268	73.5	73.8	110.6#



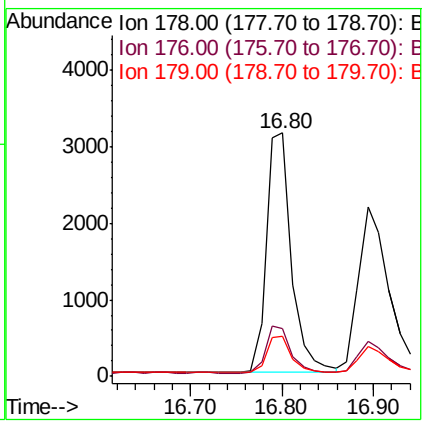


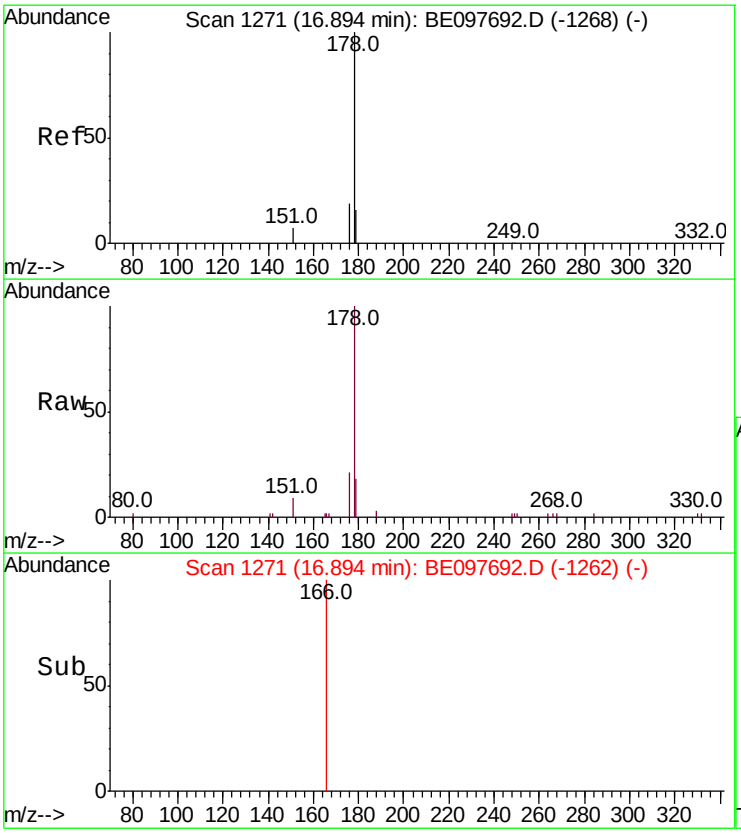
#23
Phenanthrene
Concen: 0.420 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 6086

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.2	11.8	17.6

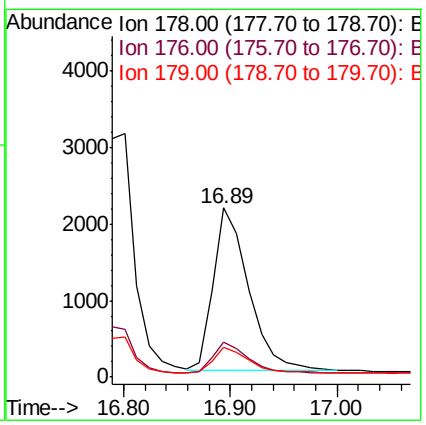


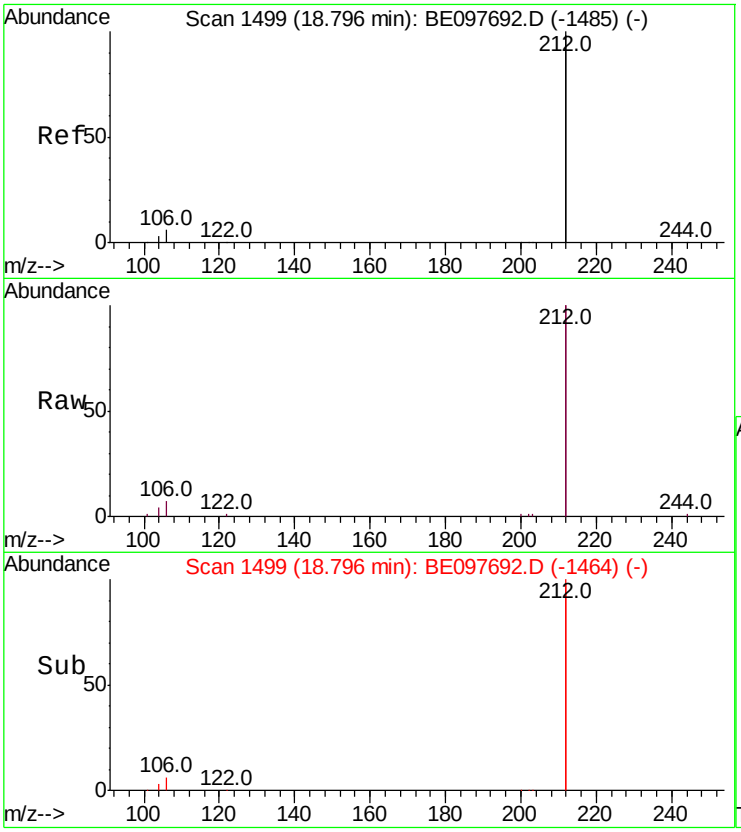


#24
Anthracene
Concen: 0.400 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:178 Resp: 4814

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



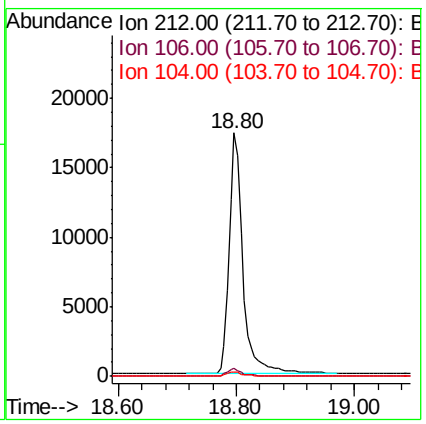


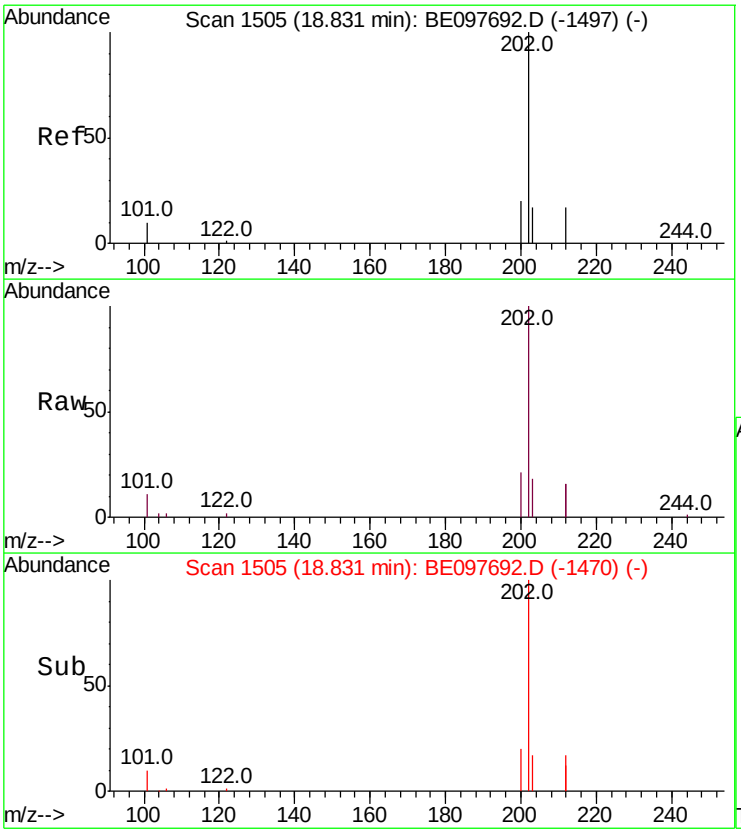
#25
Fluoranthene-d10
Concen: 0.421 ng
RT: 18.80 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 28149

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

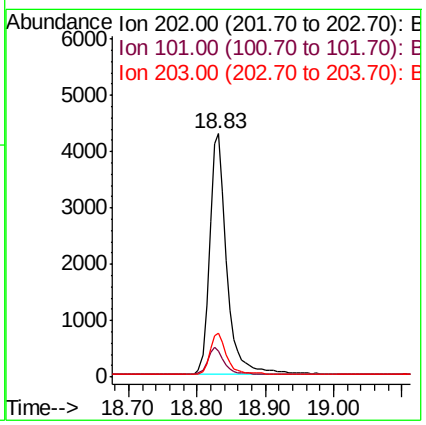


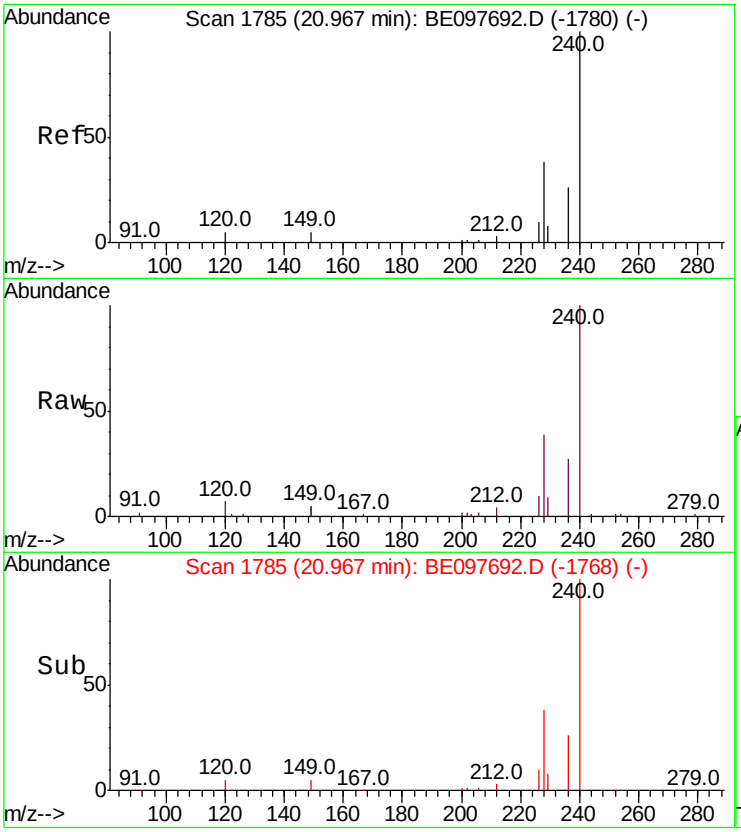


#26
Fluoranthene
Concen: 0.430 ng
RT: 18.83 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:202 Resp: 7474

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.8
203	16.8	13.7	20.5



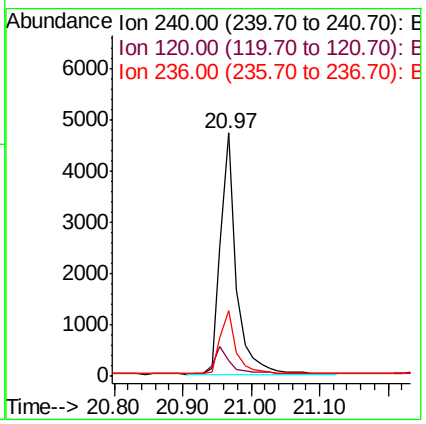


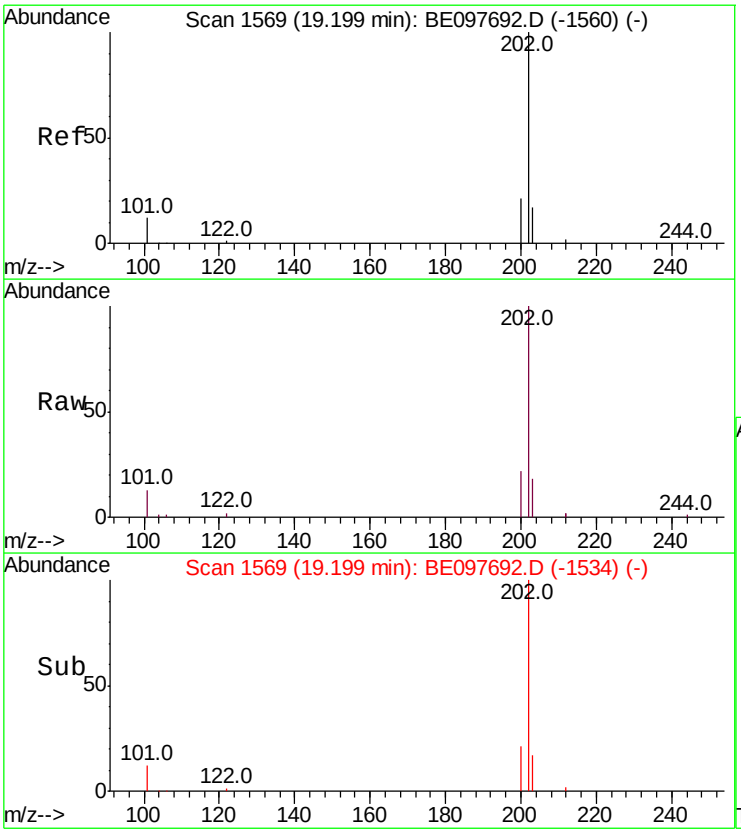
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 7502

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.5	8.3
236	27.1	20.7	31.1

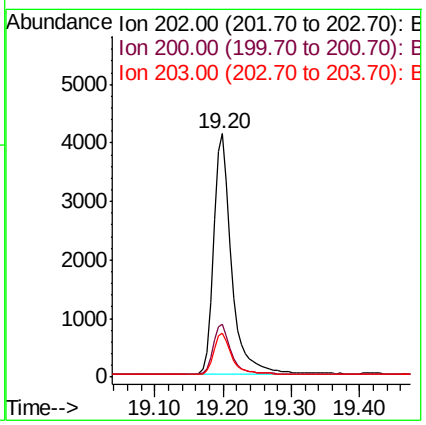


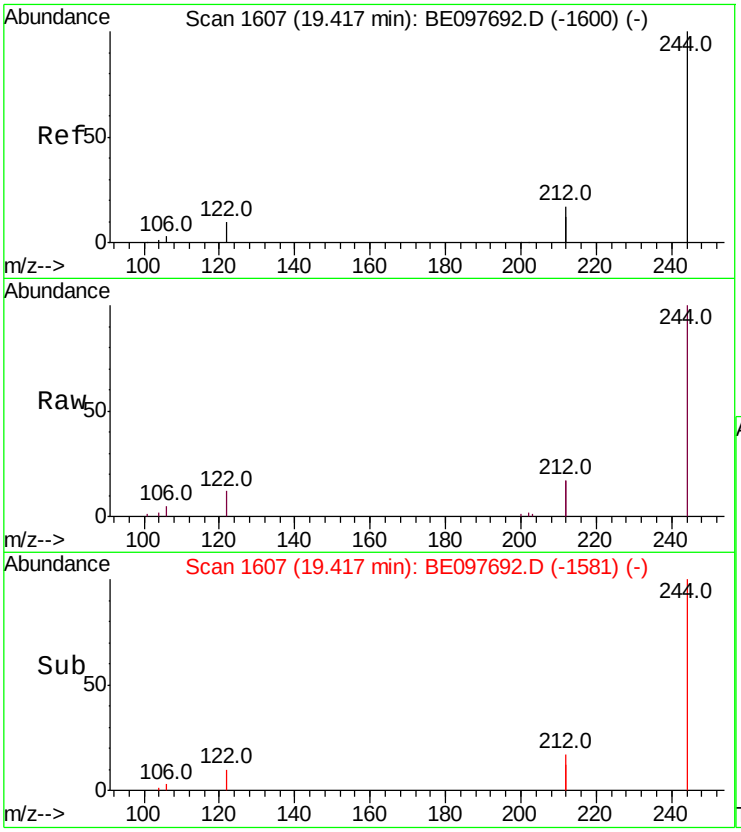


#28
Pyrene
Concen: 0.388 ng
RT: 19.20 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:202 Resp: 7589

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.2	13.8	20.8



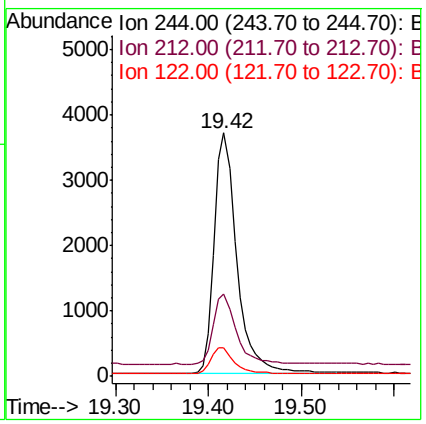


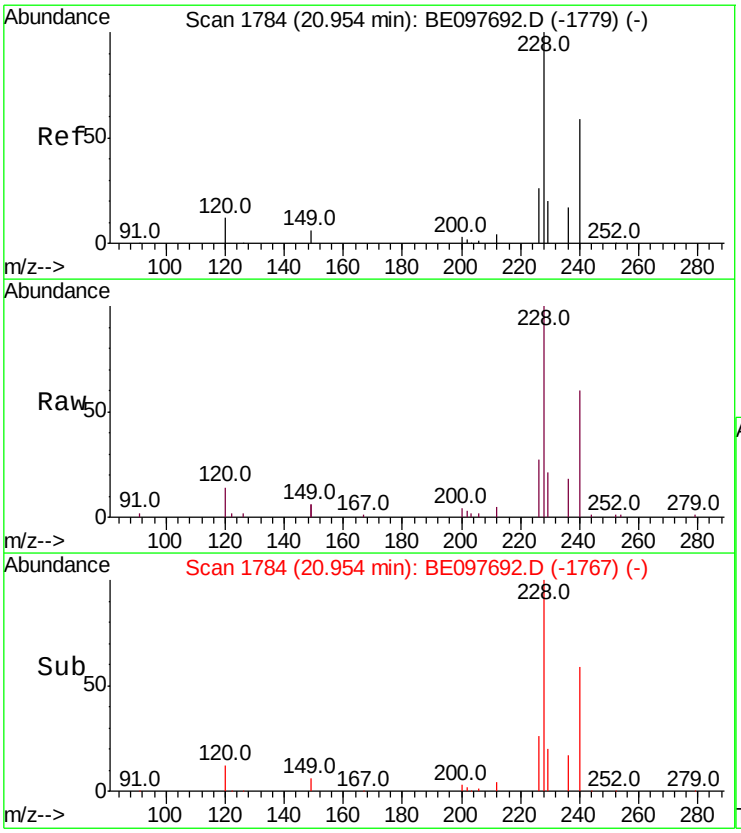
#29
Terphenyl-d14
Concen: 0.422 ng
RT: 19.42 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 6229

Ion	Ratio	Lower	Upper
244	100		
212	33.5	25.4	38.0
122	11.6	8.1	12.1

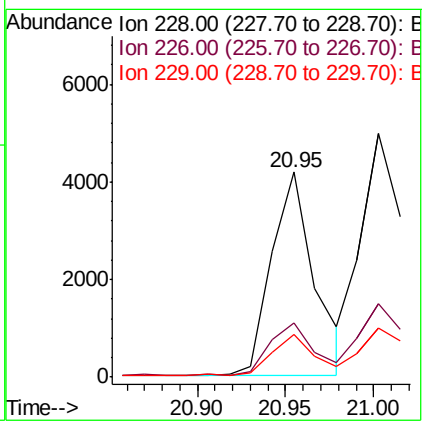


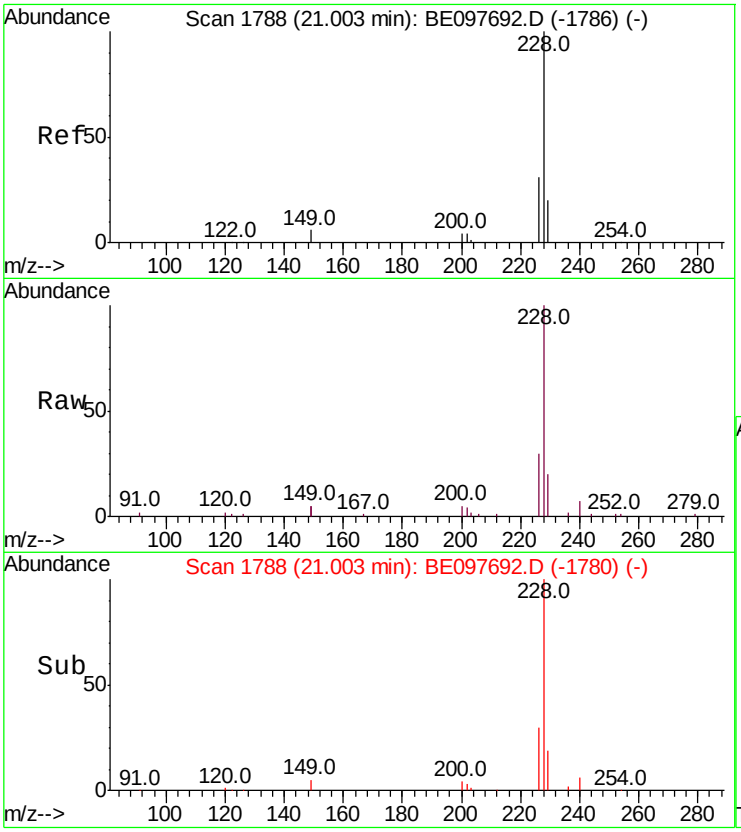


#30
Benzo(a)anthracene
Concen: 0.394 ng
RT: 20.95 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:228 Resp: 6981

Ion	Ratio	Lower	Upper
228	100		
226	26.8	24.0	36.0
229	21.0	16.0	24.0



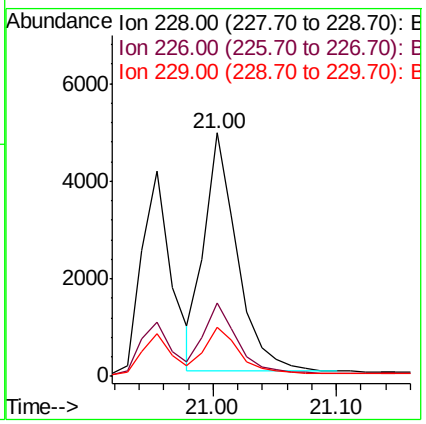


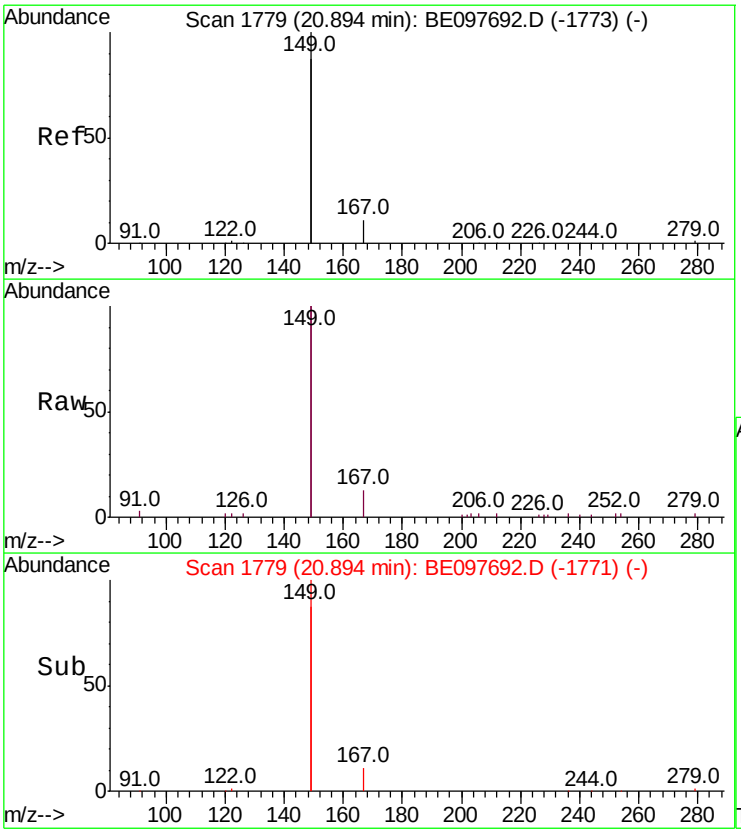
#31
Chrysene
Concen: 0.435 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 9021

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	20.2	16.0	24.0

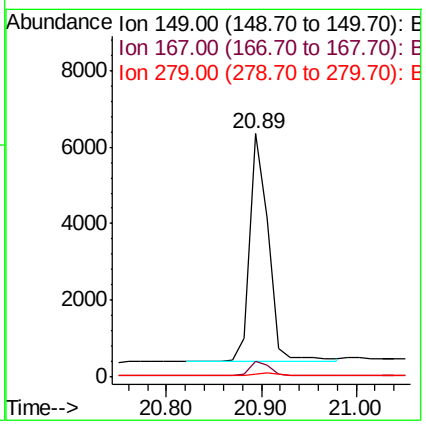


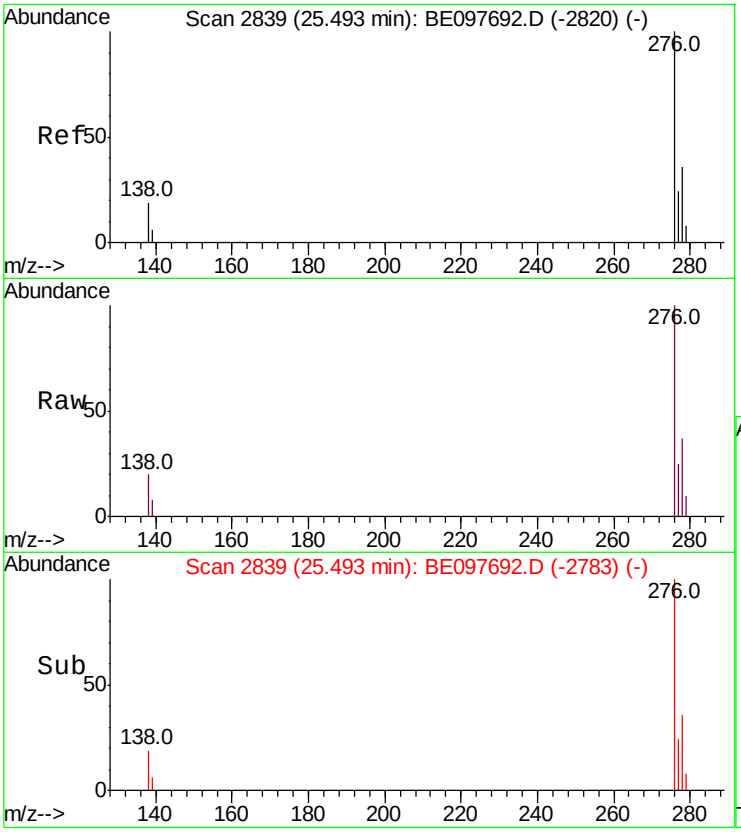


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.400 ng
RT: 20.89 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:149 Resp: 8092

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.2	0.7	1.1#



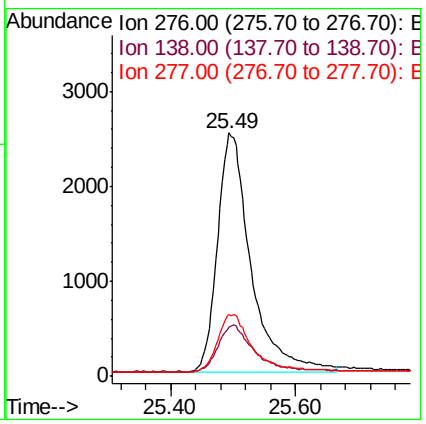


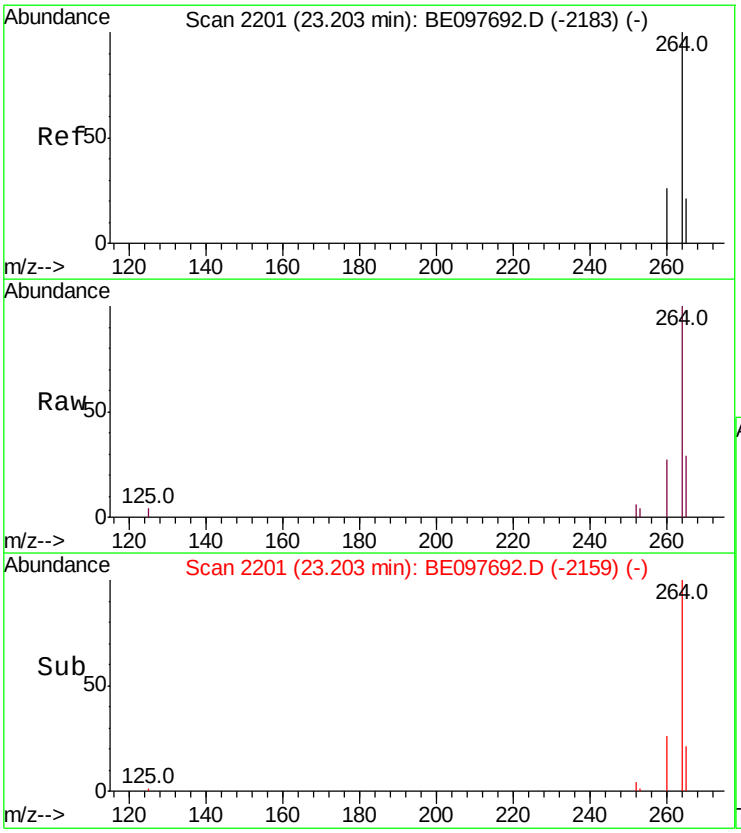
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng
RT: 25.49 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 9355

Ion	Ratio	Lower	Upper
276	100		
138	21.0	22.5	33.7#
277	25.1	19.9	29.9

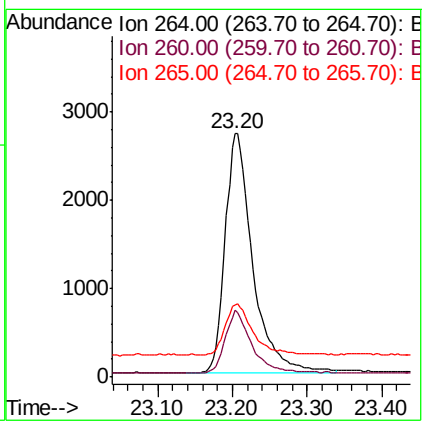


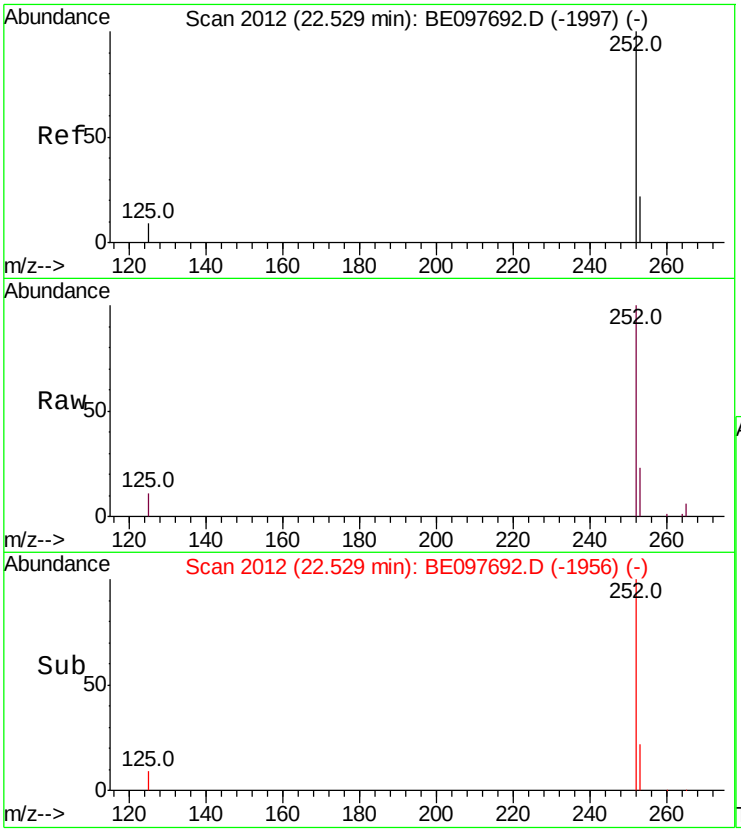


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:264 Resp: 6945

Ion	Ratio	Lower	Upper
264	100		
260	27.4	20.5	30.7
265	29.5	22.8	34.2



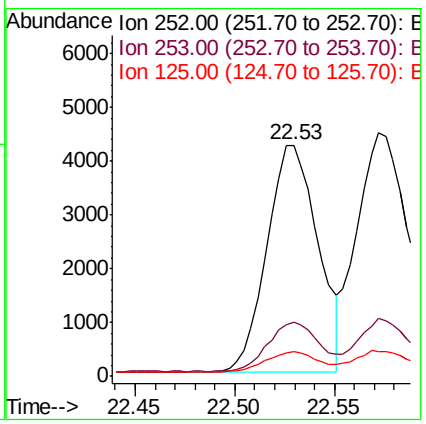


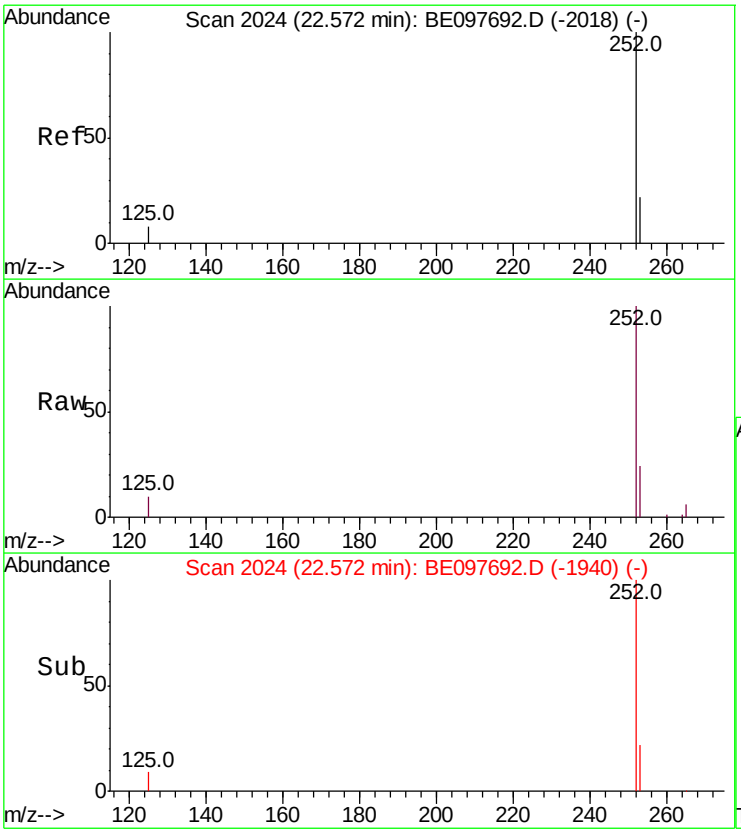
#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 22.53 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 7521

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	10.5	16.0	24.0#

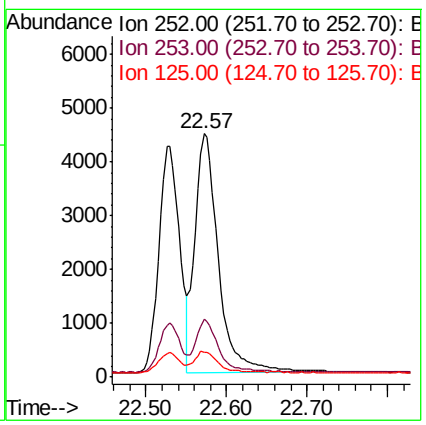


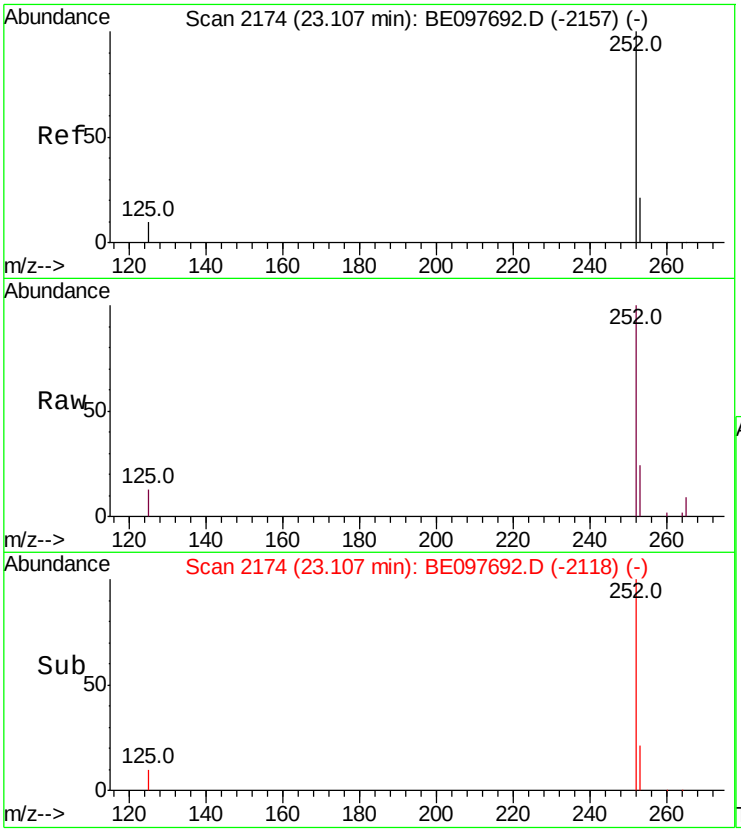


#36
Benzo(k)fluoranthene
Concen: 0.428 ng
RT: 22.57 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:252 Resp: 8996

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	10.3	8.0	12.0



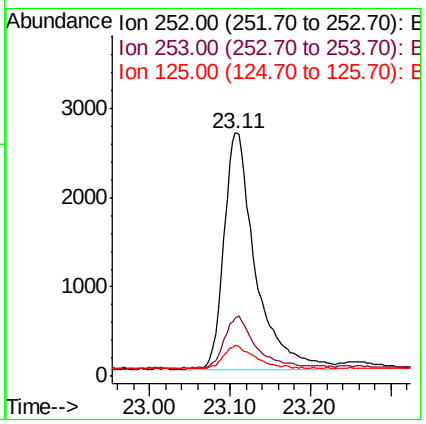


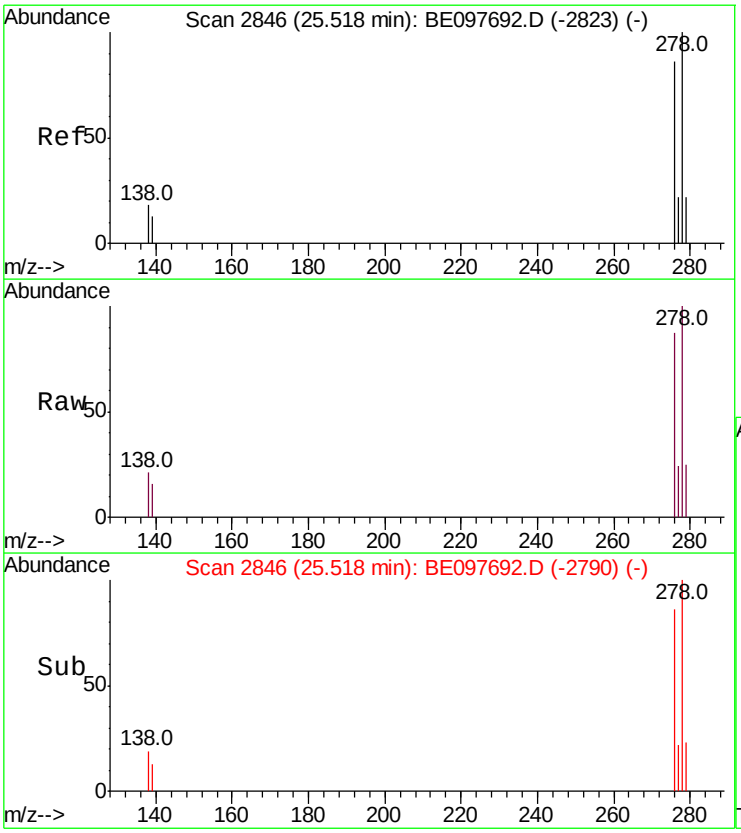
#37
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.11 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 7153

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0#
125	12.8	12.0	18.0

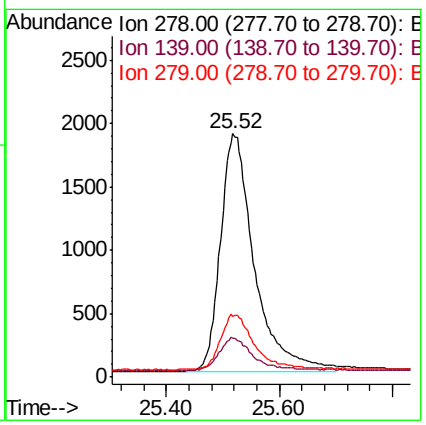


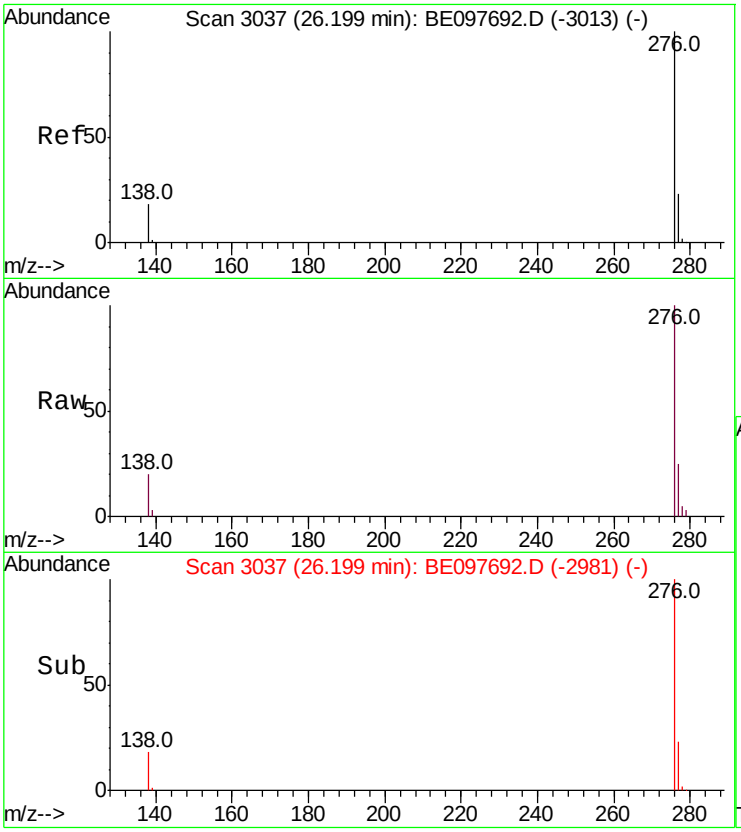


#38
Dibenzo(a,h)anthracene
Concen: 0.422 ng
RT: 25.52 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:278 Resp: 7778

Ion	Ratio	Lower	Upper
278	100		
139	15.8	16.0	24.0#
279	24.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.436 ng
RT: 26.20 min Scan# 3037
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 7997

Ion	Ratio	Lower	Upper
276	100		
277	25.3	16.0	24.0#
138	20.4	20.0	30.0