Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
Data File : BE097688.D
Acq On : 26 Sep 2018 17:15
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 17:58:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	727	0.40	ng		-0.01
7) Naphthalene-d8	10.12	136	3914	0.40	ng		-0.01
13) Acenaphthene-d10	14.00	164	2755	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	7893	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8163	0.40	ng		0.00
34) Perylene-d12	23.21	264	7694	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	898	0.47	ng		-0.01
5) Phenol-d6	6.61	99	1182	0.44	ng		-0.01
8) Nitrobenzene-d5	8.53	82	1089	0.45	ng		-0.01
11) 2-Methylnaphthalene-d10	11.72	152	2441	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	467	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3715	0.41	ng		-0.01
25) Fluoranthene-d10	18.80	212	33610	0.39	ng		0.00
29) Terphenyl-d14	19.42	244	6592	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	468	0.371	ng	#	84
3) n-Nitrosodimethylamine	3.37	42	415	0.490	ng	#	1
6) bis(2-Chloroethyl)ether	6.83	93	1025	0.450	ng		75
9) Naphthalene	10.17	128	14566	0.409	ng		99
10) Hexachlorobutadiene	10.44	225	631	0.390	ng		96
12) 2-Methylnaphthalene	11.79	142	2491	0.442	ng		99
16) Acenaphthylene	13.71	152	4514	0.408	ng		100
17) Acenaphthene	14.06	154	3037	0.420	ng		97
18) Fluorene	15.05	166	4113	0.404	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1476	0.422	ng	#	85
21) Hexachlorobenzene	16.07	284	1660	0.411	ng	#	84
22) Pentachlorophenol	16.44	266	463	0.568	ng	#	80
23) Phenanthrene	16.80	178	7637	0.409	ng		98
24) Anthracene	16.89	178	6509	0.420	ng		96
26) Fluoranthene	18.83	202	8706	0.389	ng		98
28) Pyrene	19.20	202	8973	0.421	ng		100
30) Benzo(a)anthracene	20.95	228	7952	0.412	ng		97
31) Chrysene	21.00	228	9284	0.411	ng		99
32) Bis(2-ethylhexyl)phthalate	20.89	149	11928	0.541	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	10007	0.421	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	8061	0.410	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	9351	0.402	ng		94
37) Benzo(a)pyrene	23.11	252	7948	0.409	ng	#	93
38) Dibenzo(a,h)anthracene	25.53	278	8286	0.406	ng		95
39) Benzo(g,h,i)perylene	26.21	276	8231	0.405	ng	#	90

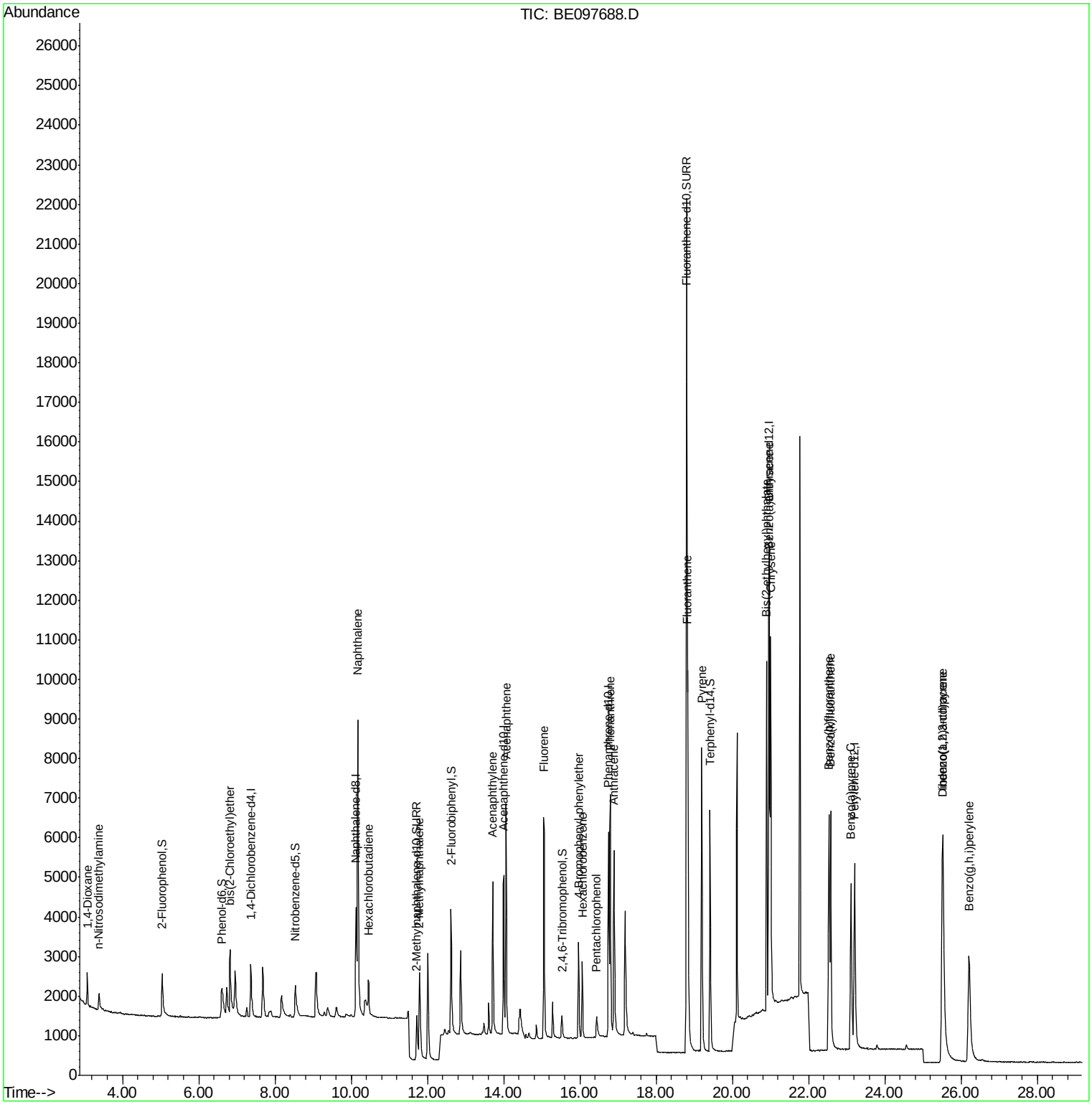
(#) = qualifier out of range (m) = manual integration (+) = signals summed

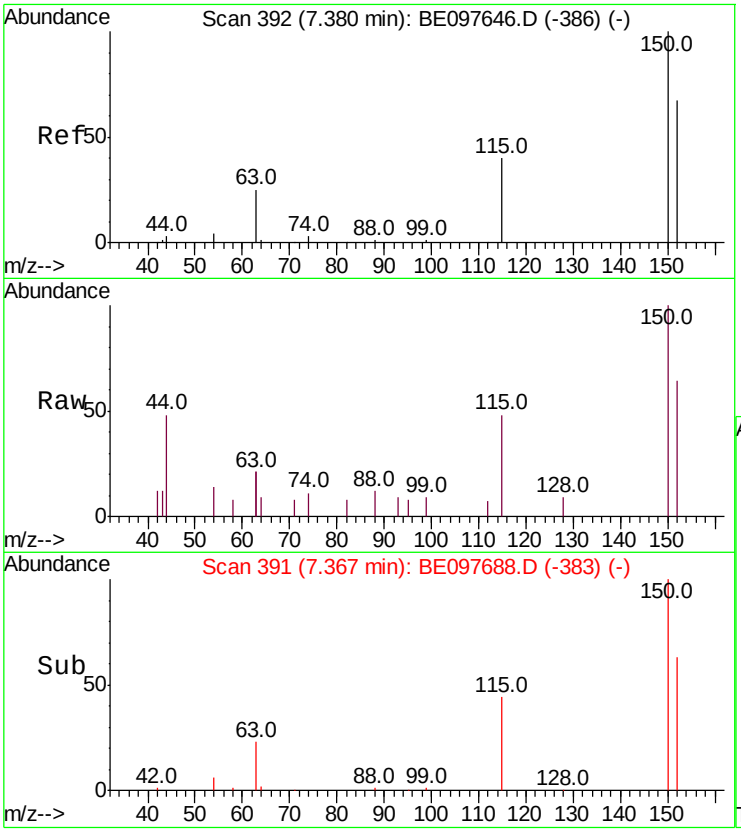
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
Data File : BE097688.D
Acq On : 26 Sep 2018 17:15
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 17:58:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration



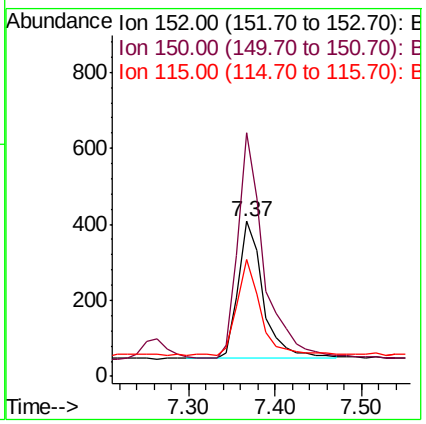


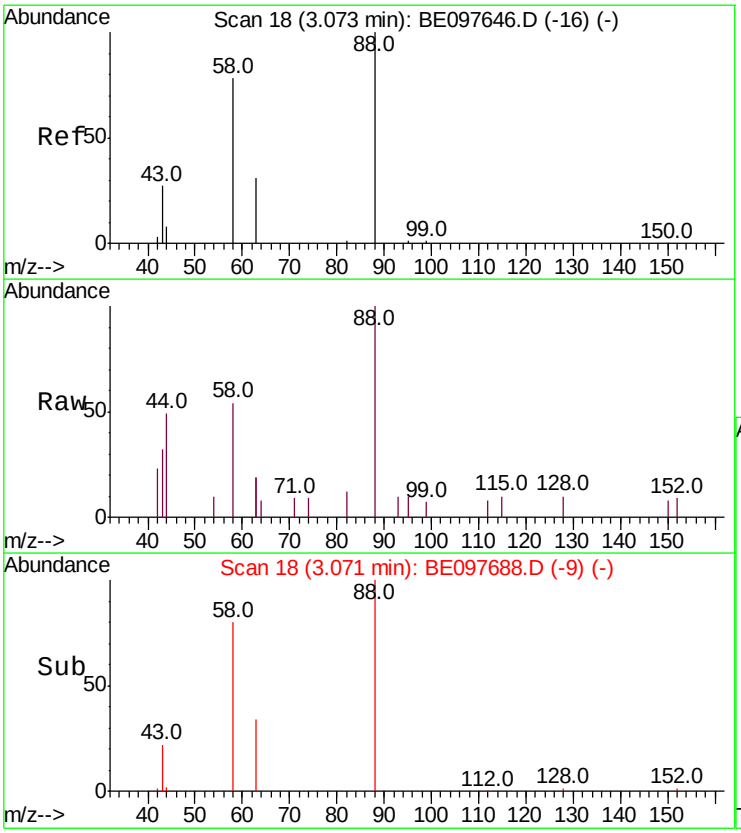
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 727

Ion	Ratio	Lower	Upper
152	100		
150	157.1	117.2	175.8
115	75.2	57.0	85.6

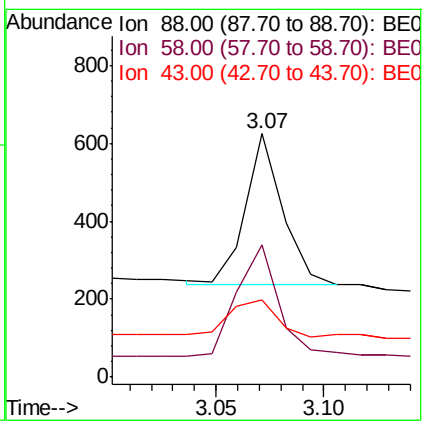


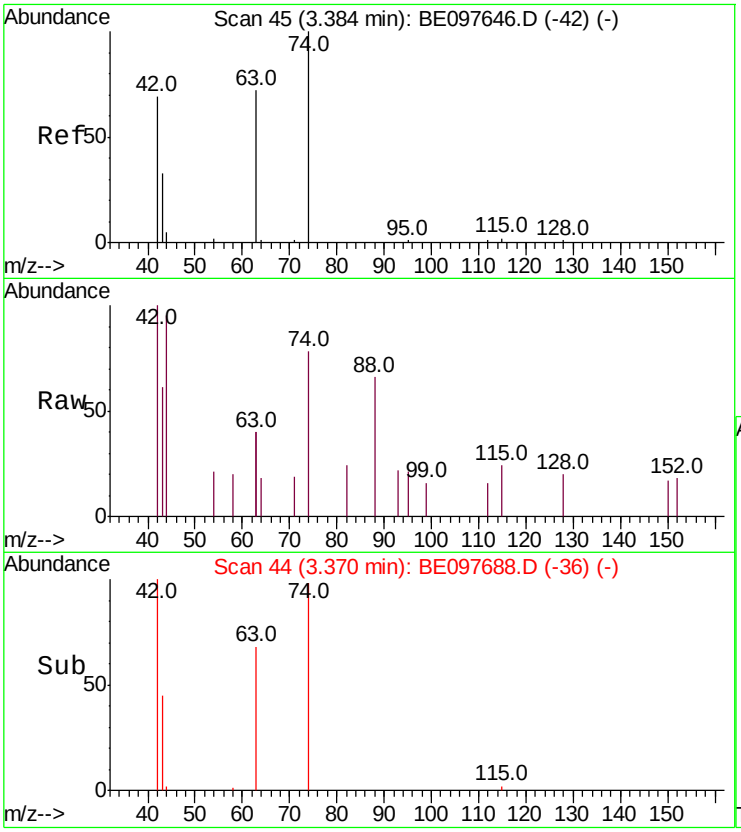


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion: 88 Resp: 468

Ion	Ratio	Lower	Upper
88	100		
58	82.1	63.2	94.8
43	27.4	41.2	61.8#



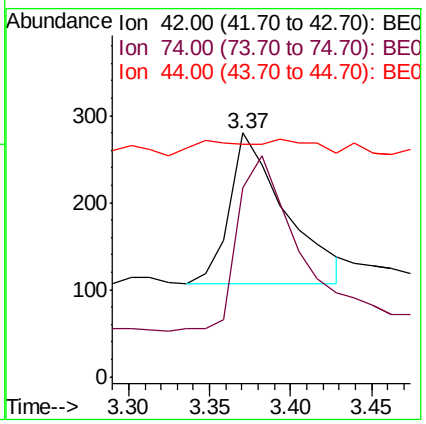


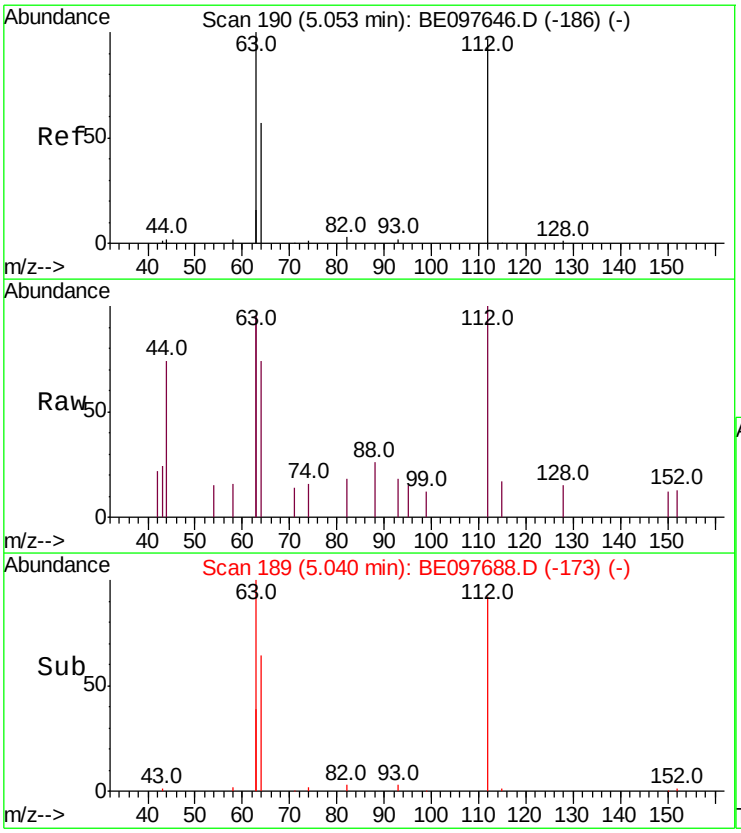
#3
n-Nitrosodimethylamine
Concen: 0.490 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 415

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#

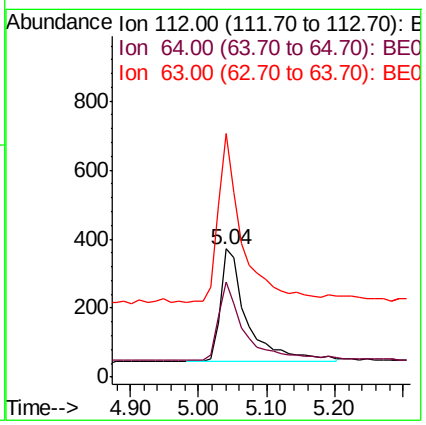


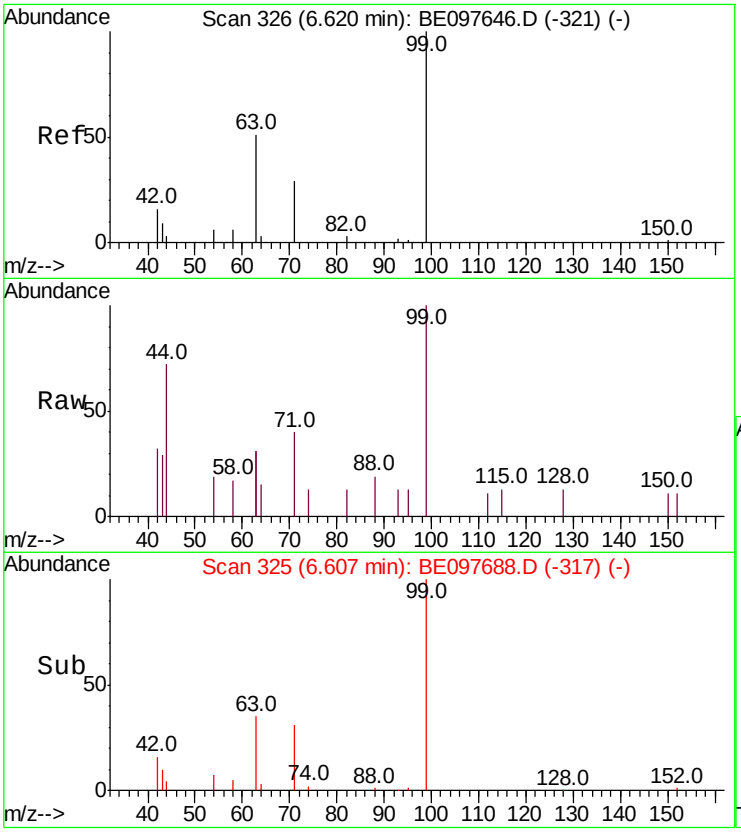


#4
2-Fluorophenol
Concen: 0.469 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:112 Resp: 898

Ion	Ratio	Lower	Upper
112	100		
64	67.9	60.1	90.1
63	137.0	116.8	175.2



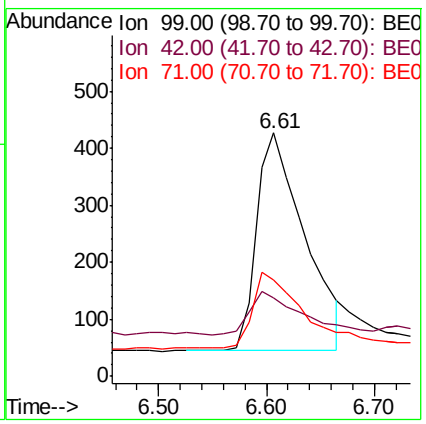


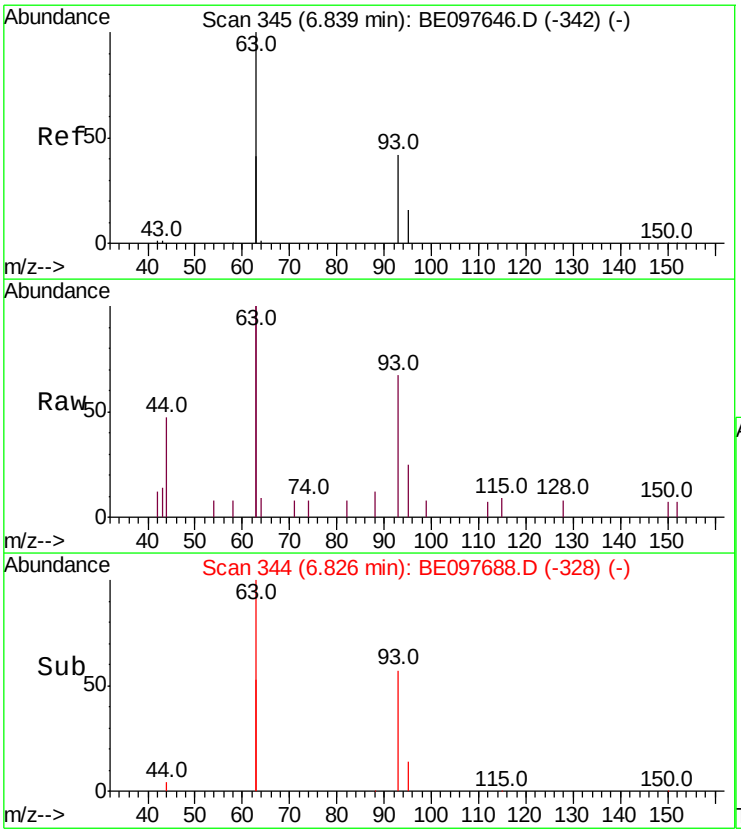
#5
Phenol-d6
Concen: 0.437 ng
RT: 6.61 min Scan# 325
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1182

Ion	Ratio	Lower	Upper
99	100		
42	20.7	20.2	30.2
71	34.5	28.4	42.6

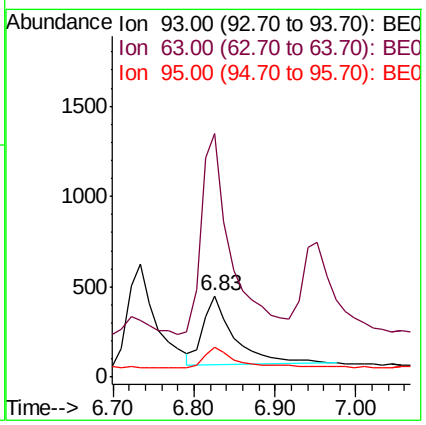


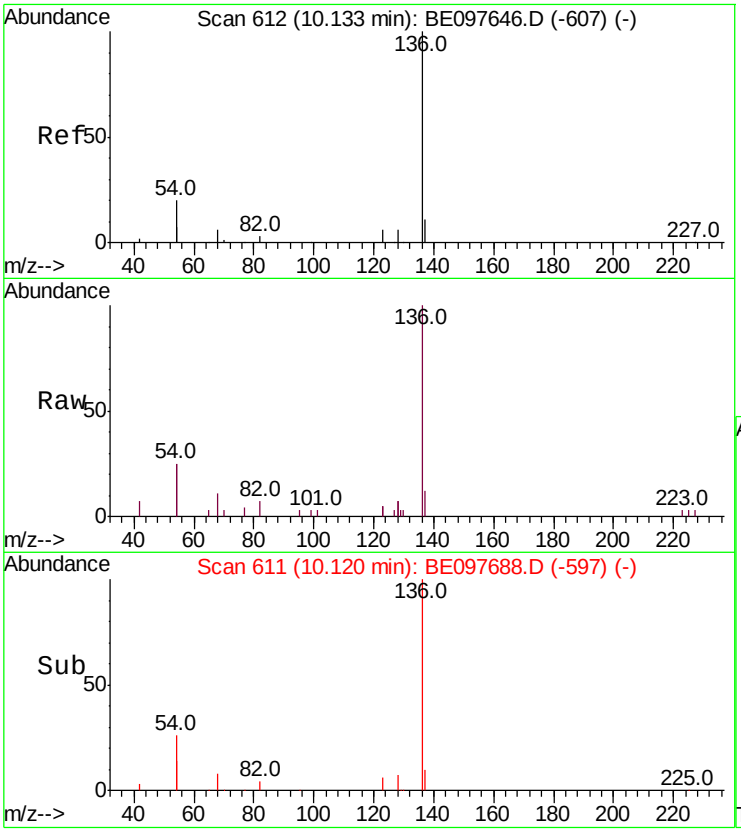


#6
bis(2-Chloroethyl)ether
Concen: 0.450 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion: 93 Resp: 1025

Ion	Ratio	Lower	Upper
93	100		
63	286.0	275.3	412.9
95	30.9	25.2	37.8



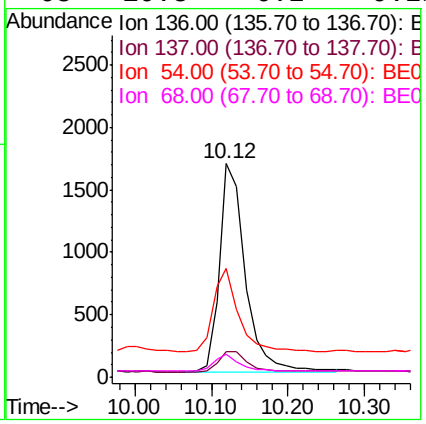


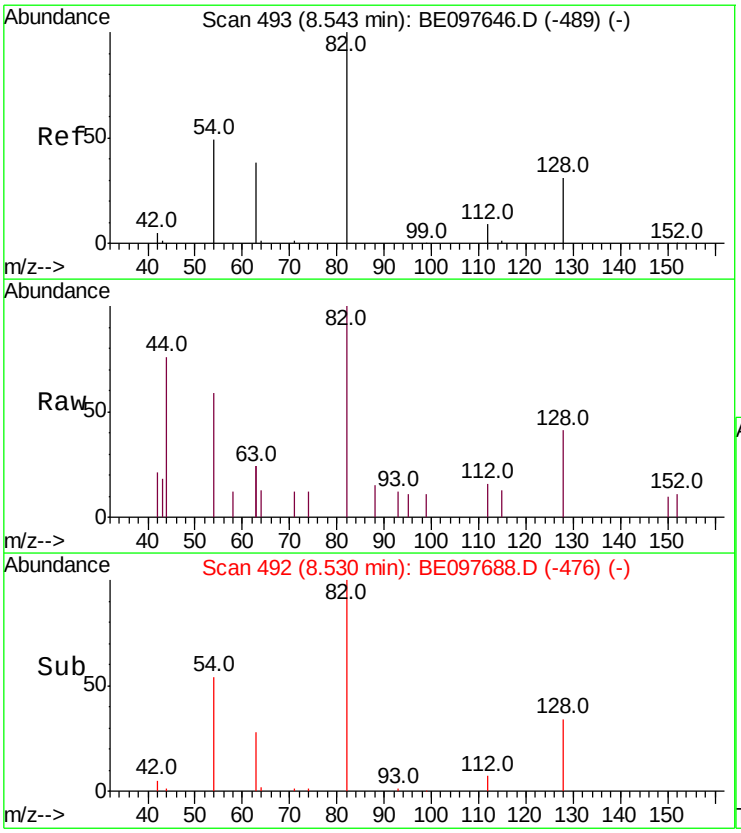
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3914

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	50.8	29.1	43.7#
68	10.8	6.2	9.2#

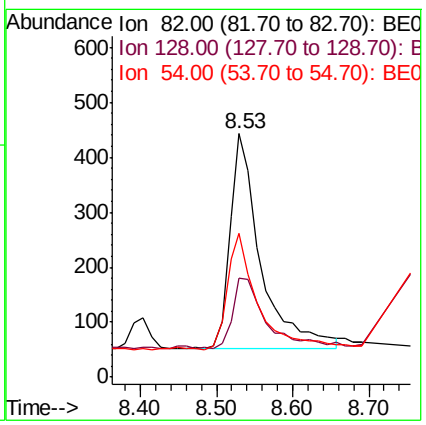


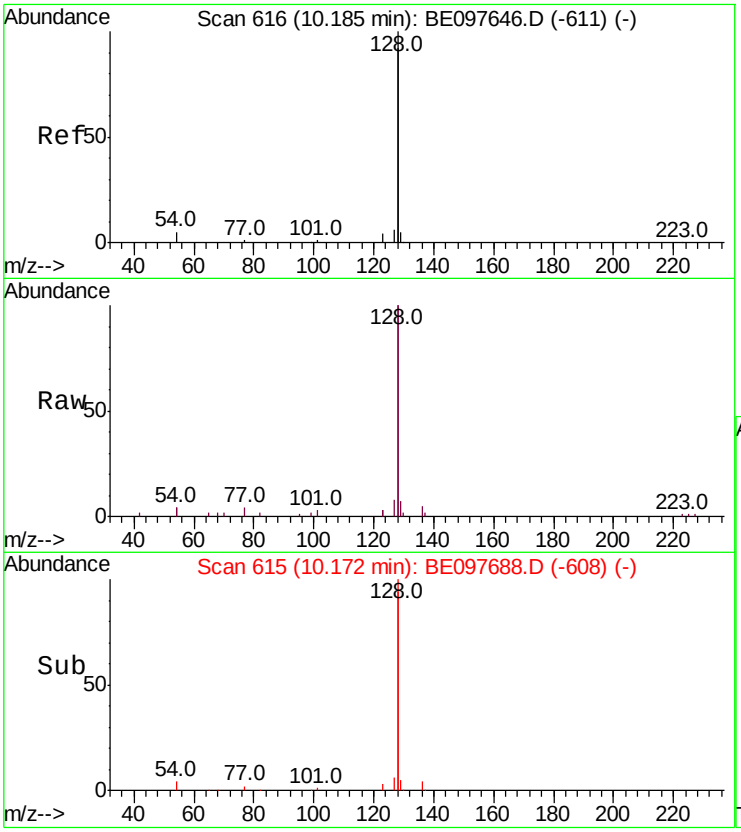


#8
Nitrobenzene-d5
Concen: 0.447 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion: 82 Resp: 1089

Ion	Ratio	Lower	Upper
82	100		
128	40.9	24.0	36.0#
54	59.1	40.0	60.0



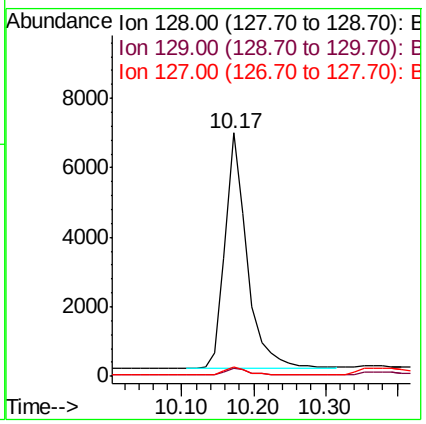


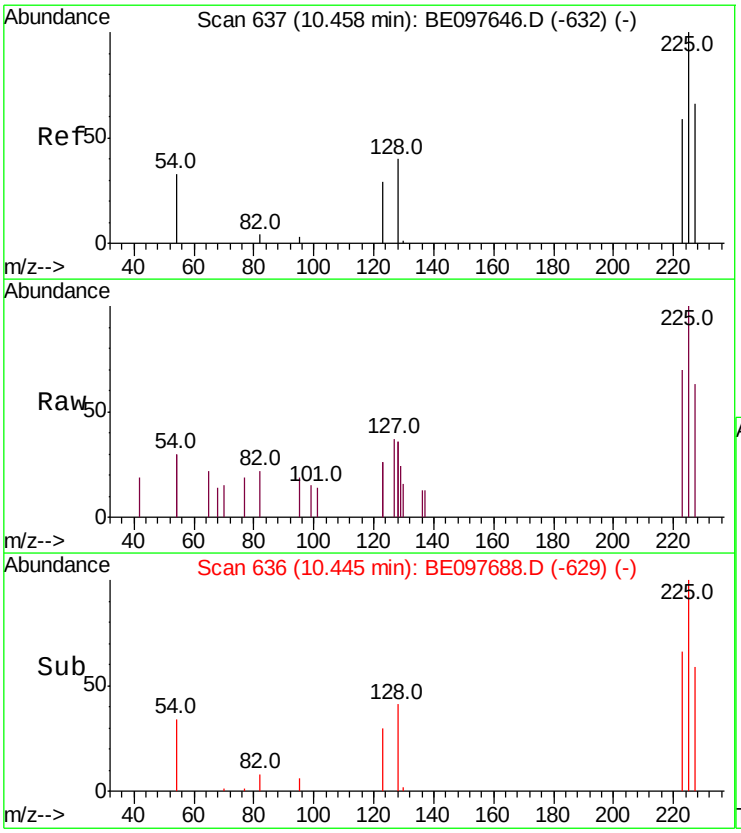
#9
Naphthalene
Concen: 0.409 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 14566

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

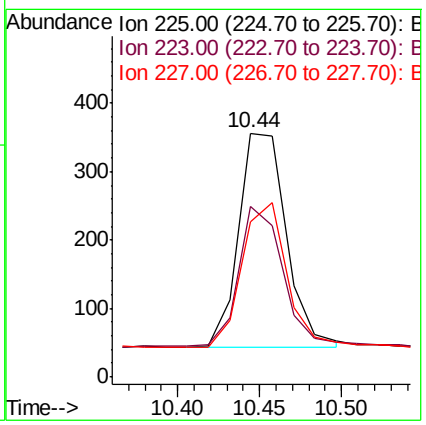


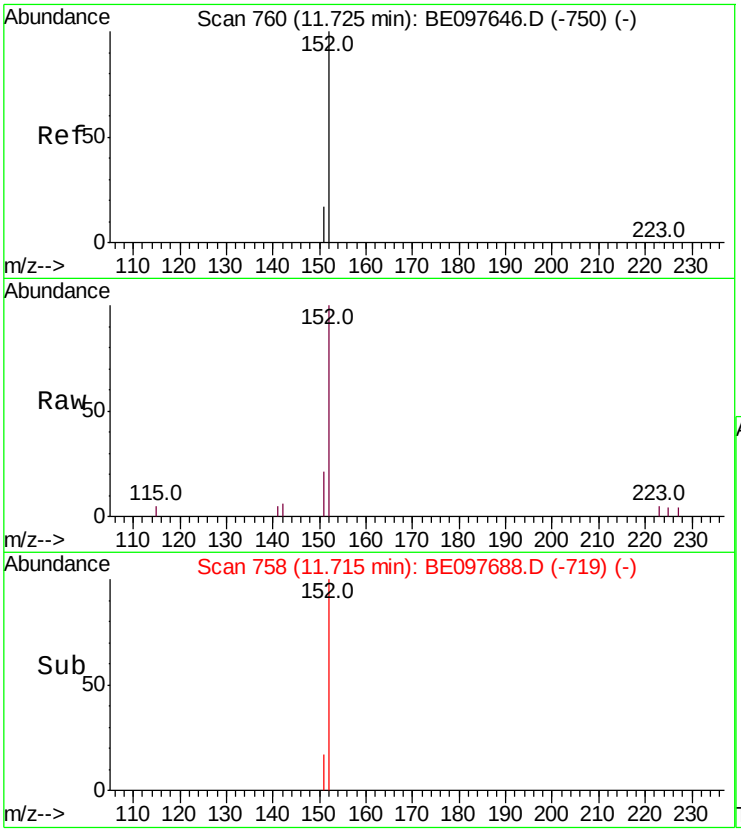


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.44 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:225 Resp: 631

Ion	Ratio	Lower	Upper
225	100		
223	61.6	53.0	79.6
227	62.9	51.4	77.2



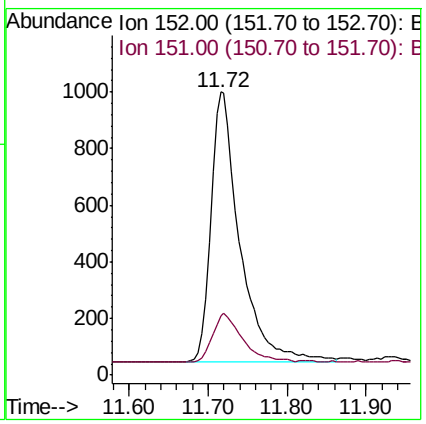


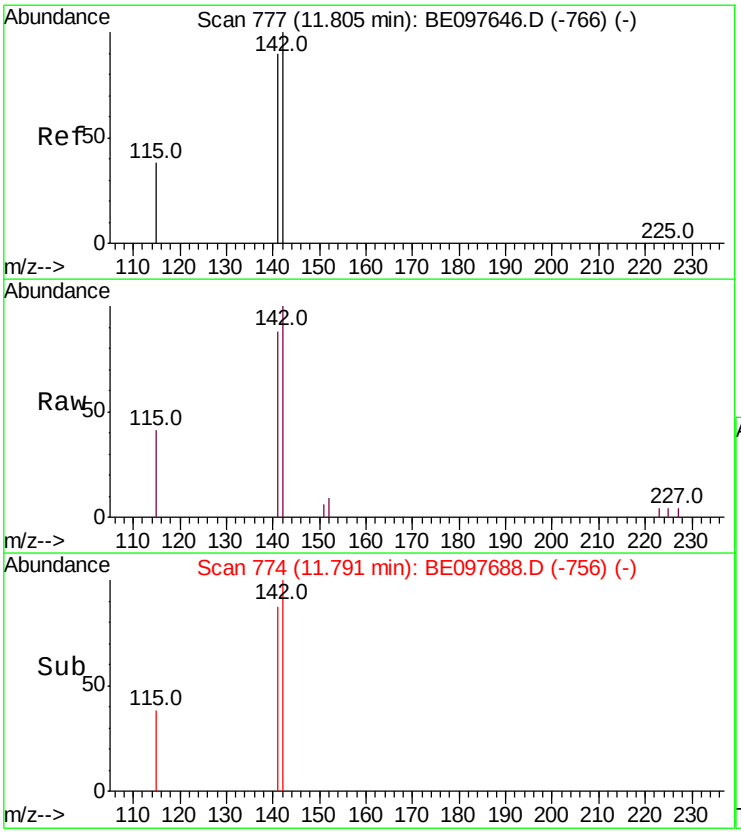
#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2441

Ion	Ratio	Lower	Upper
152	100		
151	17.9	15.4	23.0

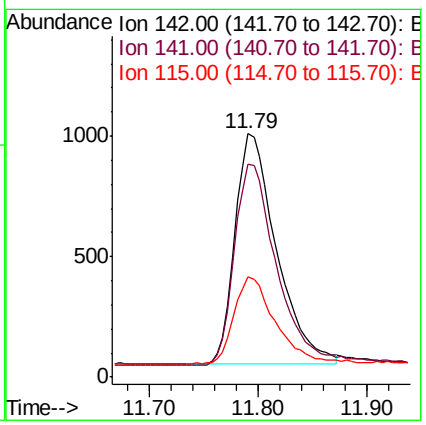


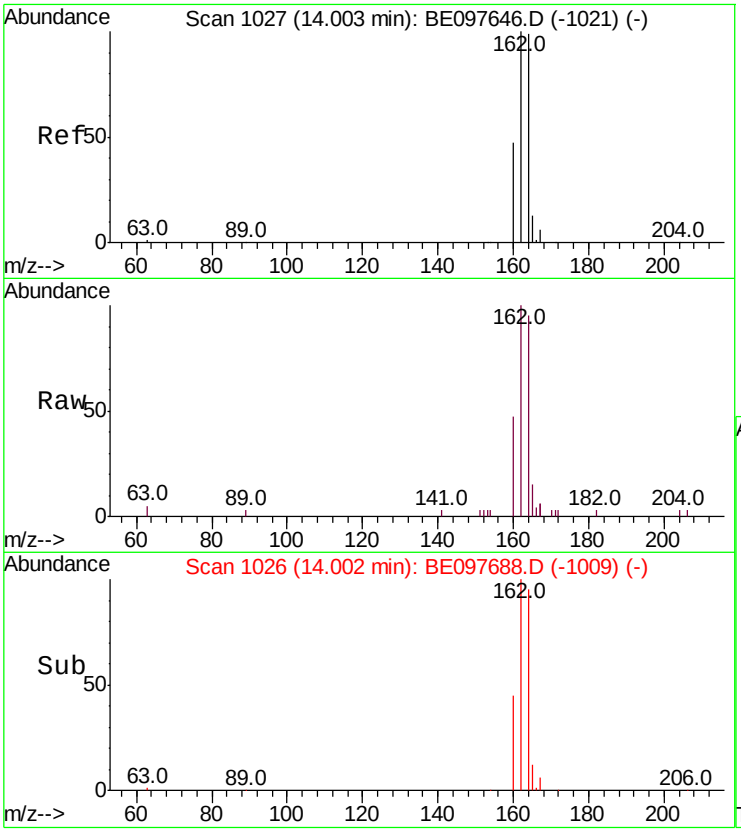


#12
2-Methylnaphthalene
Concen: 0.442 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:142 Resp: 2491

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	41.3	31.7	47.5



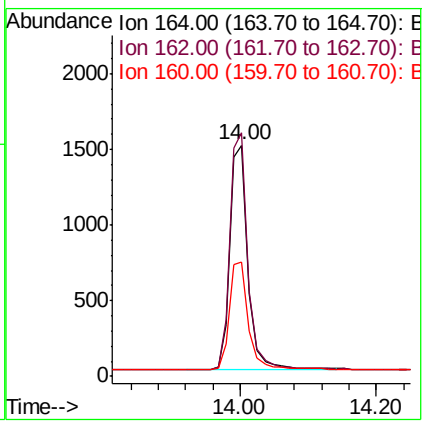


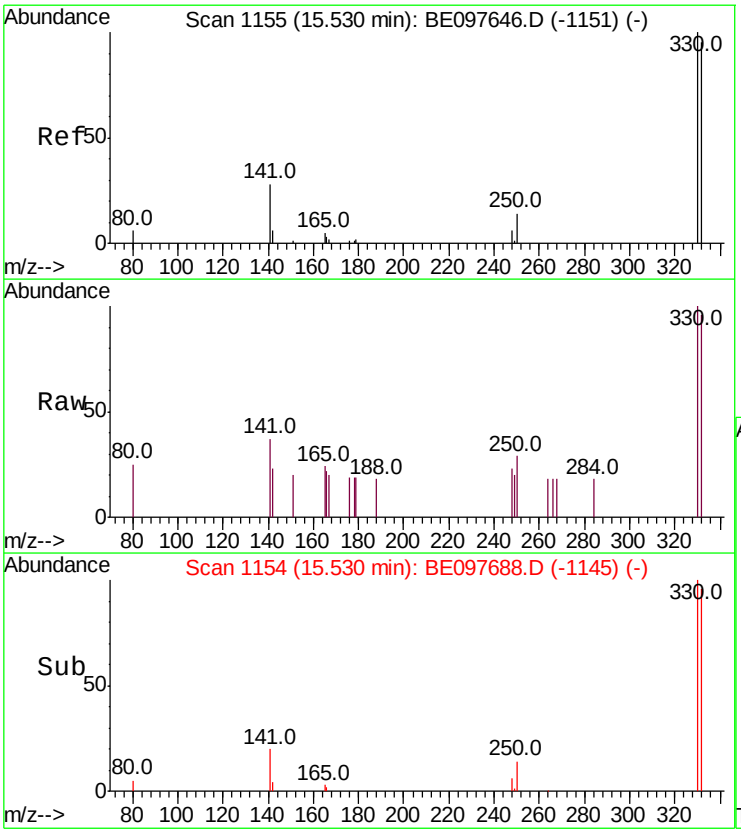
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2755

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.1	124.7
160	49.5	37.1	55.7

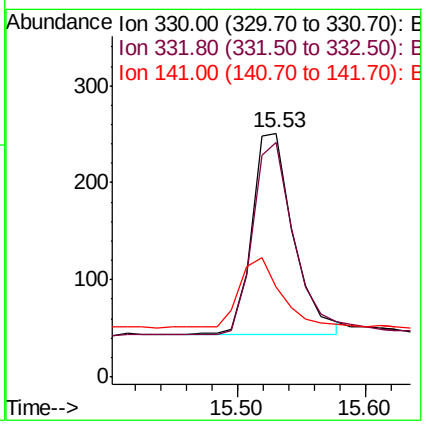


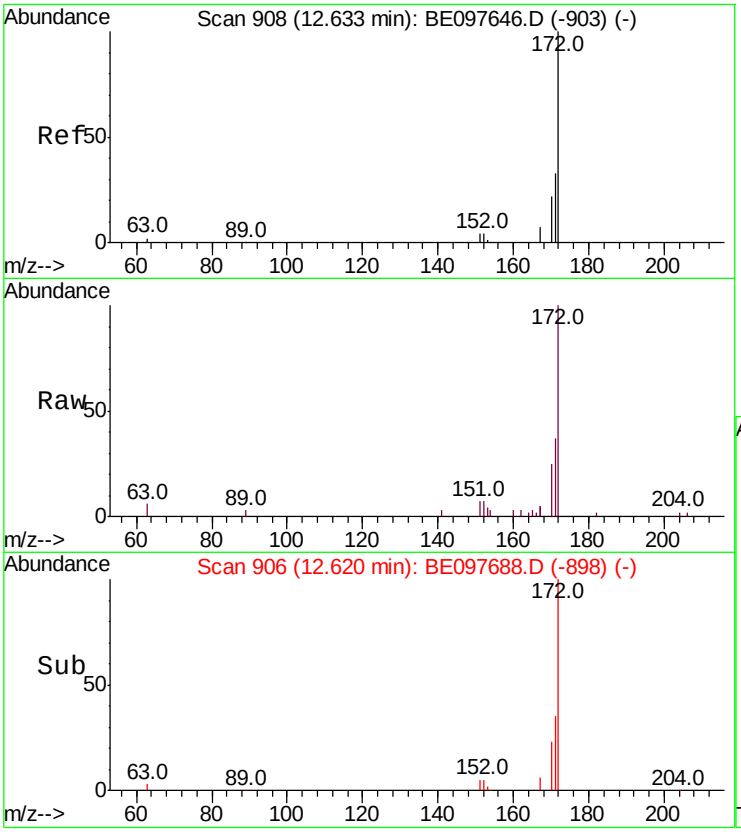


#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:330 Resp: 467

Ion	Ratio	Lower	Upper
330	100		
332	96.6	152.7	229.1#
141	34.5	33.7	50.5



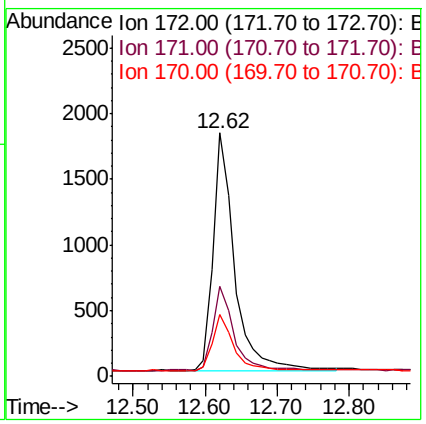


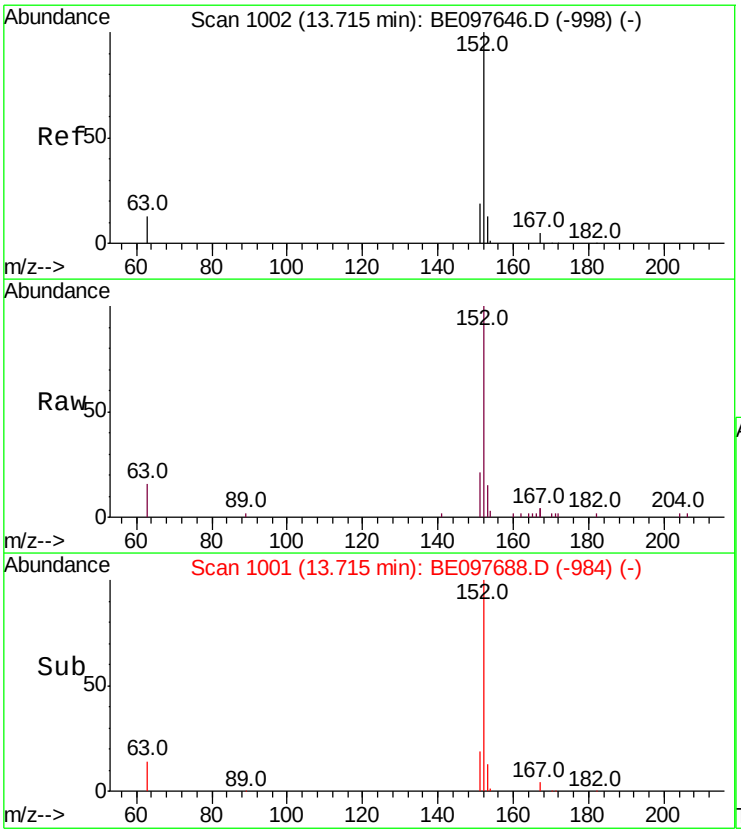
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3715

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	25.4	21.8	32.8

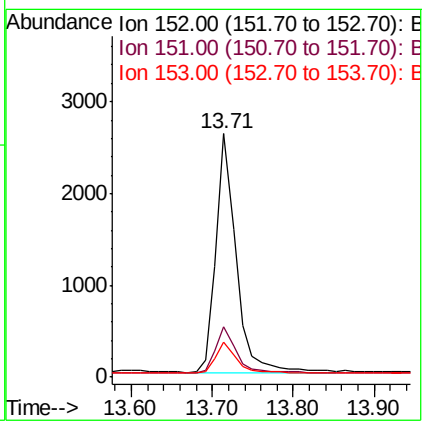


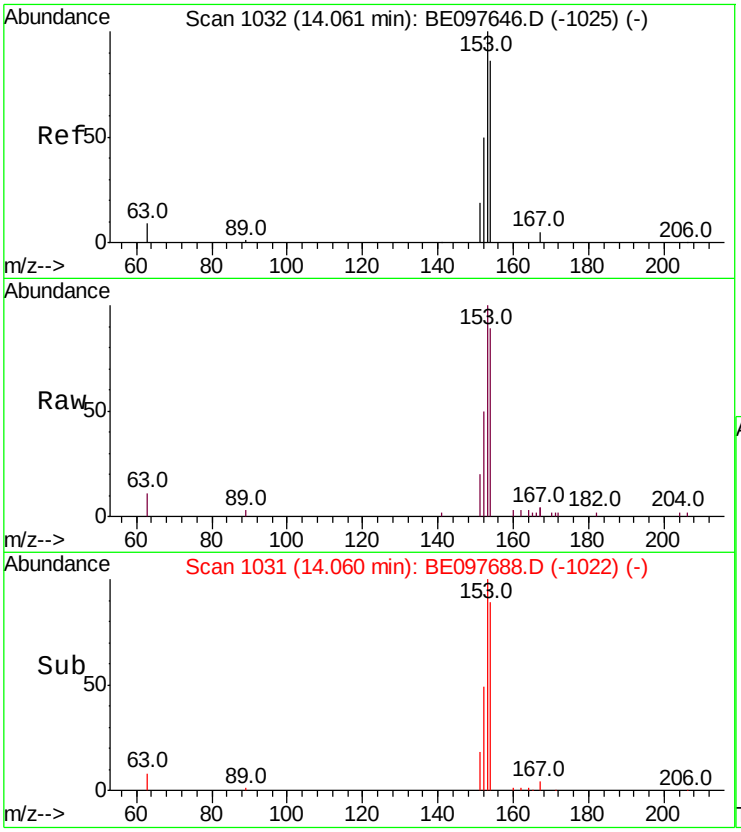


#16
Acenaphthylene
Concen: 0.408 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:152 Resp: 4514

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.5	15.7



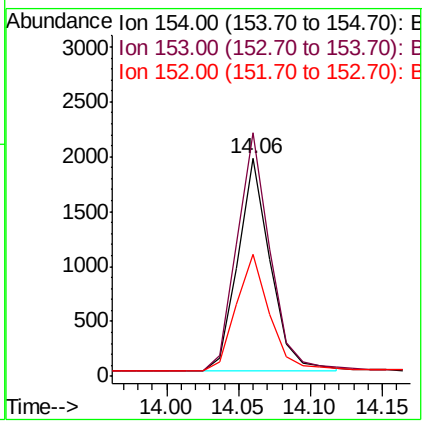


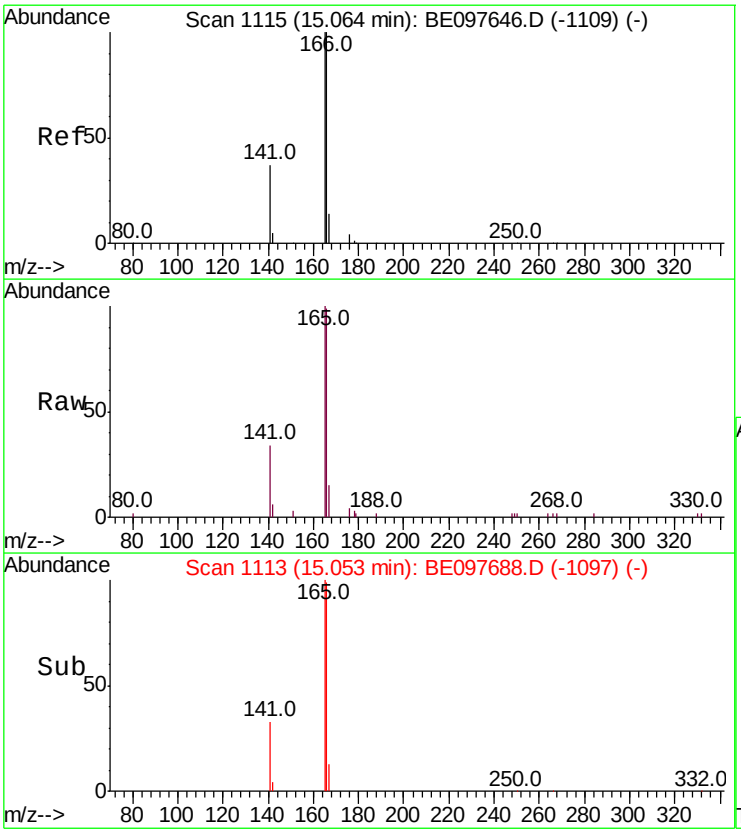
#17
Acenaphthene
Concen: 0.420 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3037

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.2	133.8
152	56.2	42.0	63.0

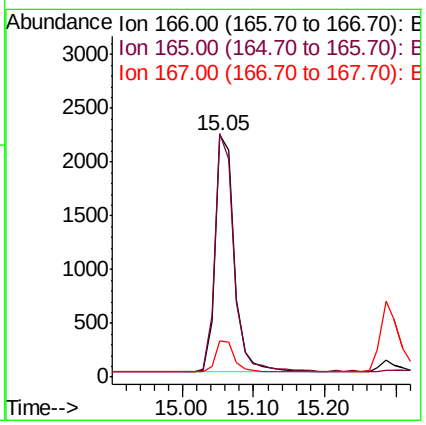


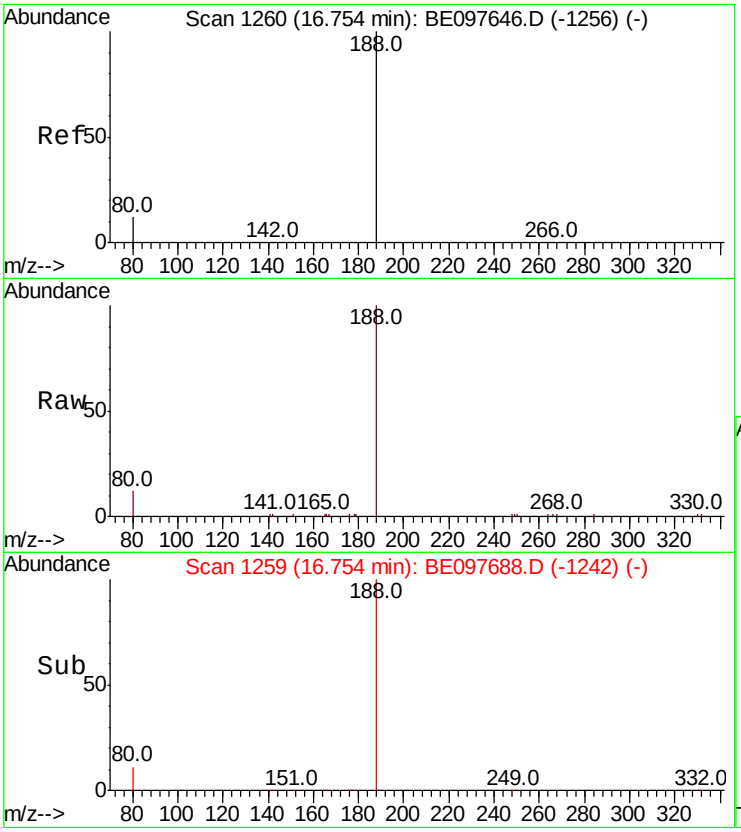


#18
Fluorene
Concen: 0.404 ng
RT: 15.05 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:166 Resp: 4113

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.6
167	13.3	42.4	63.6#



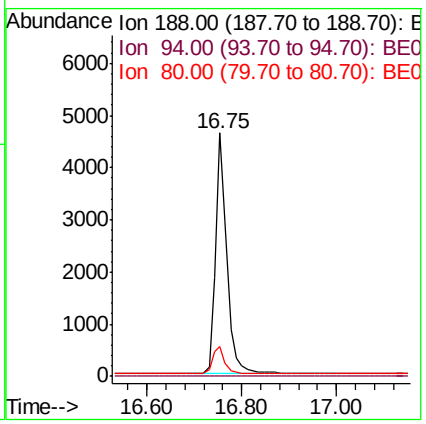


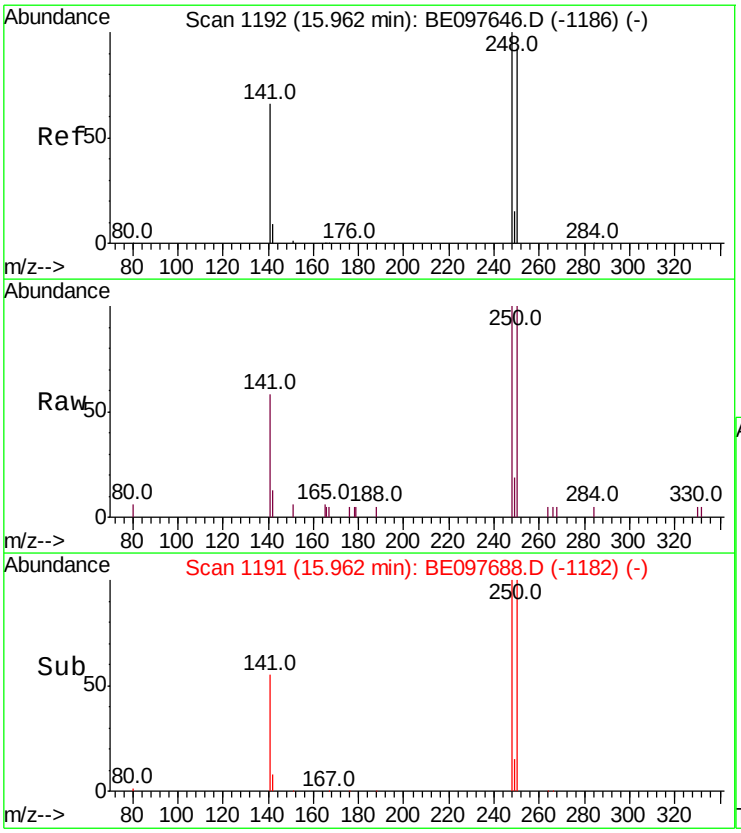
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7893

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.1	3.6	5.4#

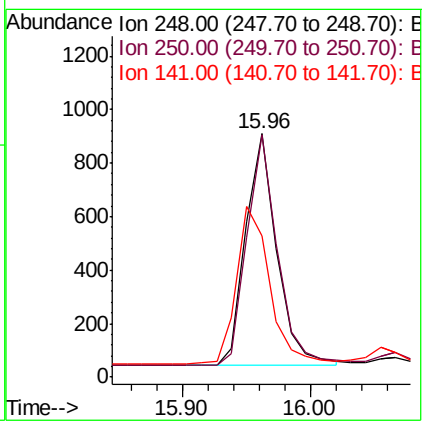


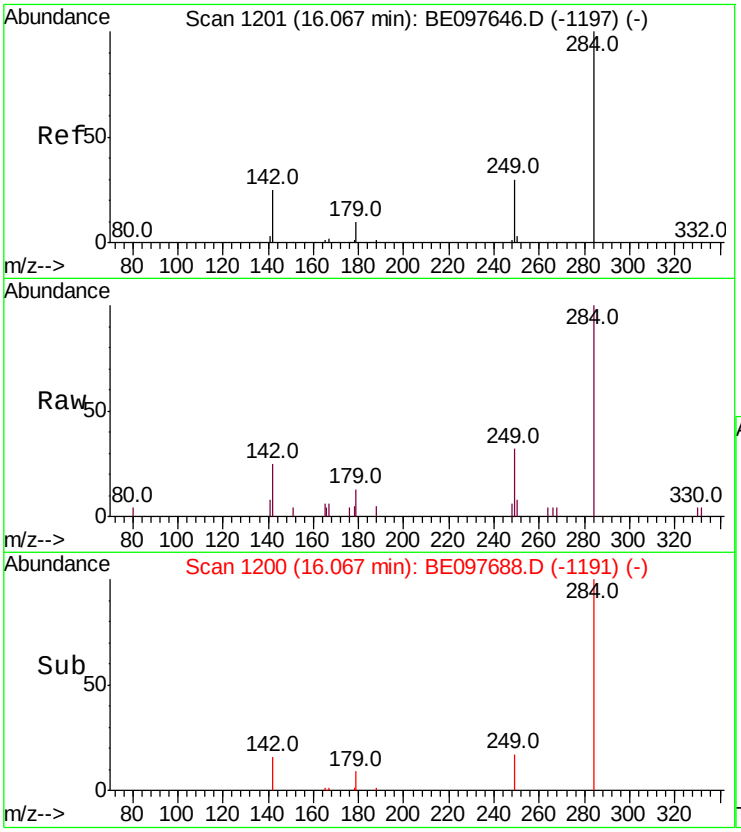


#20
4-Bromophenyl-phenylether
Concen: 0.422 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:248 Resp: 1476

Ion	Ratio	Lower	Upper
248	100		
250	99.7	62.7	94.1#
141	58.1	48.2	72.2



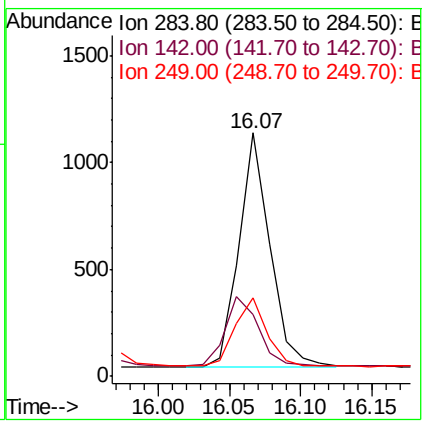


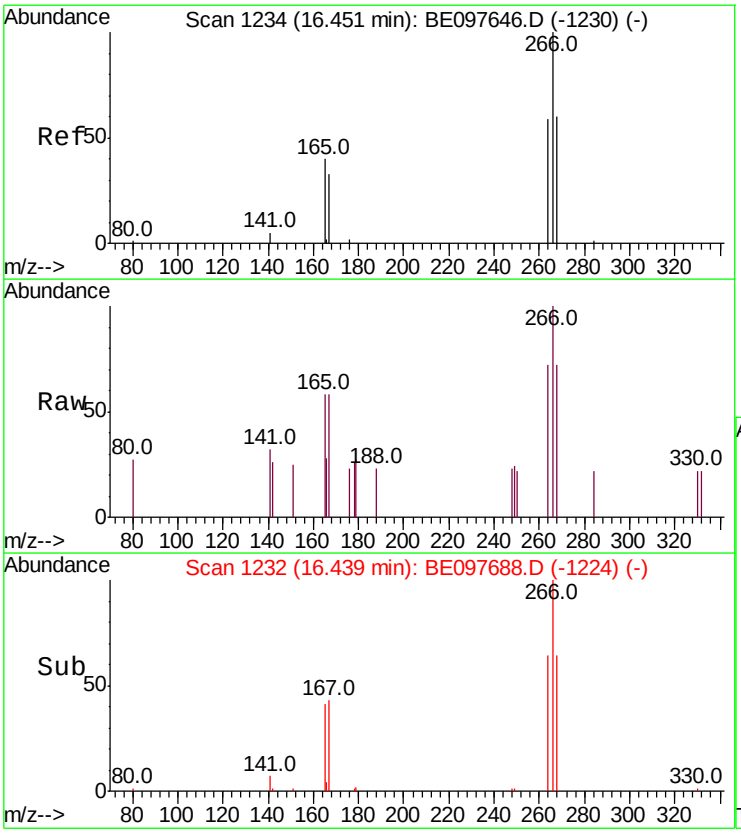
#21
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1660

Ion	Ratio	Lower	Upper
284	100		
142	31.3	22.1	33.1
249	29.5	34.8	52.2#

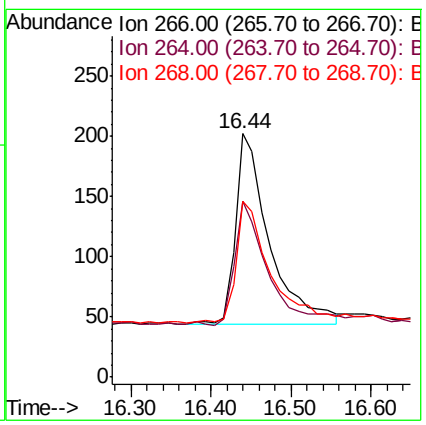


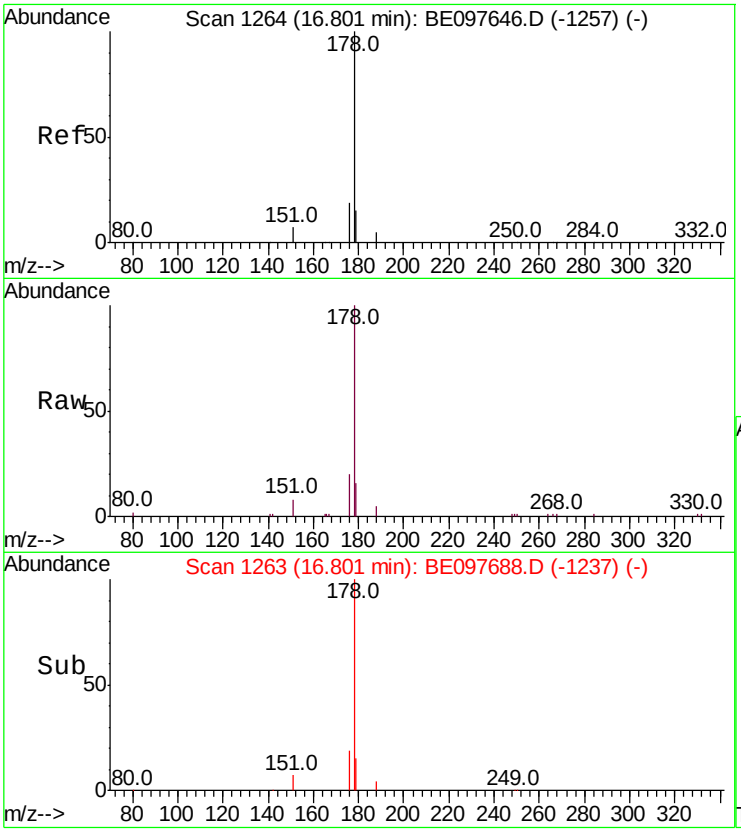


#22
Pentachlorophenol
Concen: 0.568 ng
RT: 16.44 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:266 Resp: 463

Ion	Ratio	Lower	Upper
266	100		
264	72.3	72.5	108.7#
268	72.3	73.8	110.6#



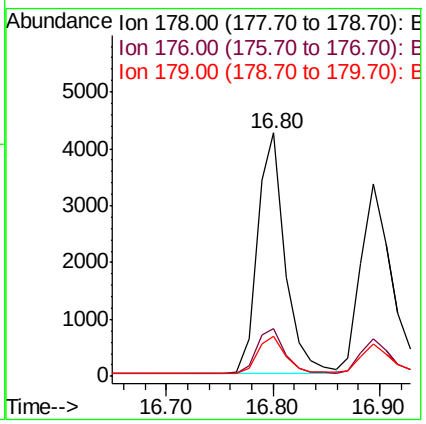


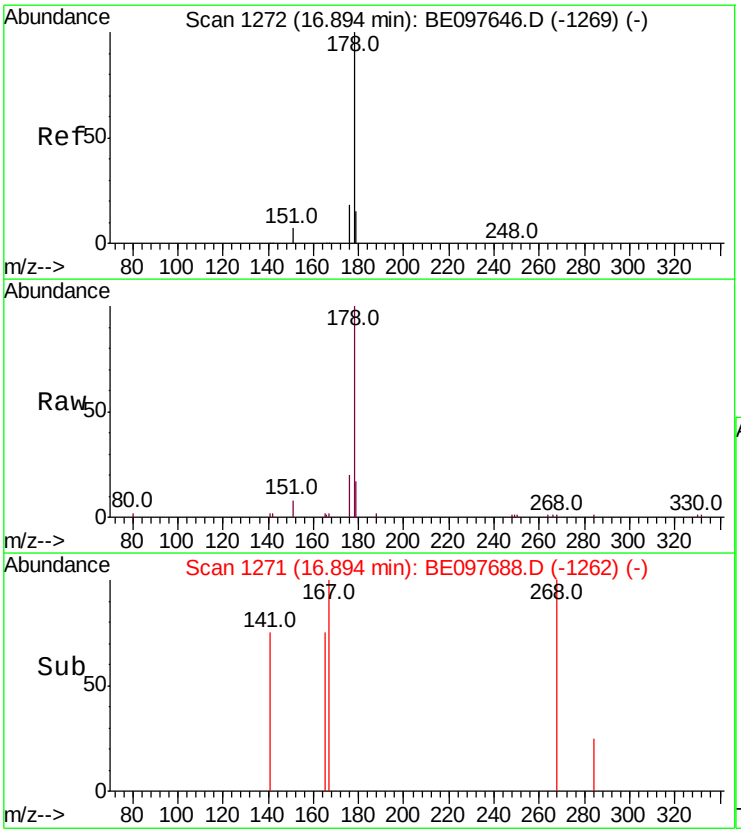
#23
Phenanthrene
Concen: 0.409 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7637

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.8	11.8	17.6

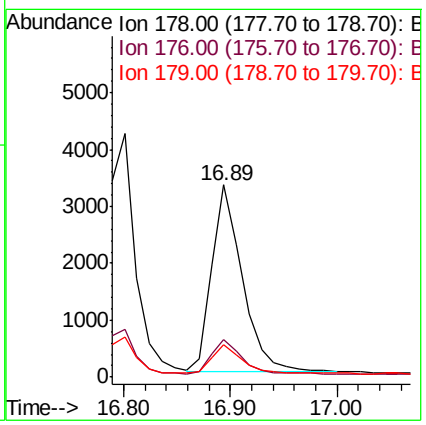


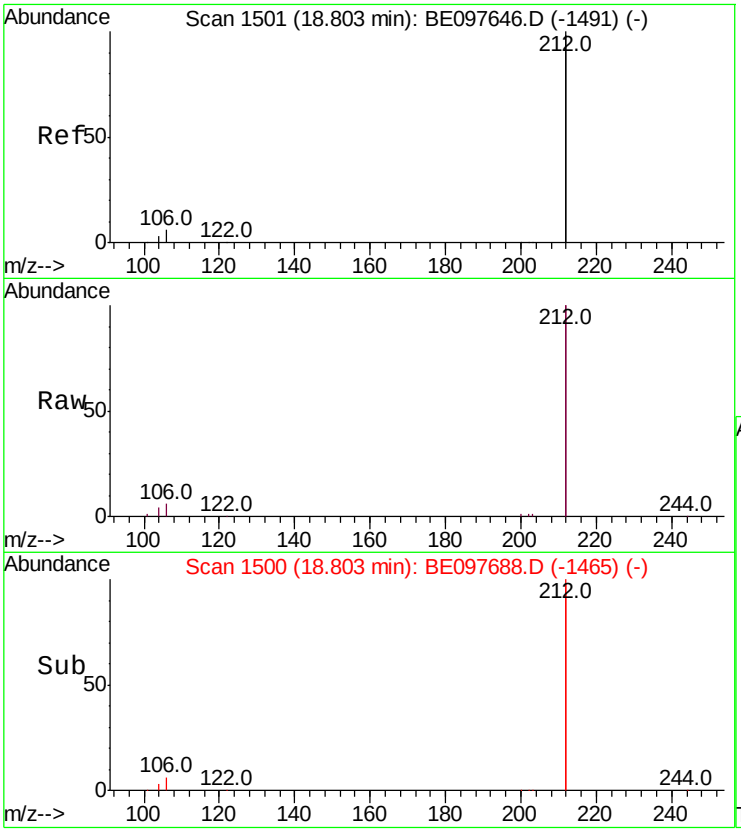


#24
Anthracene
Concen: 0.420 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:178 Resp: 6509

Ion	Ratio	Lower	Upper
178	100		
176	18.3	12.8	19.2
179	15.0	13.0	19.6



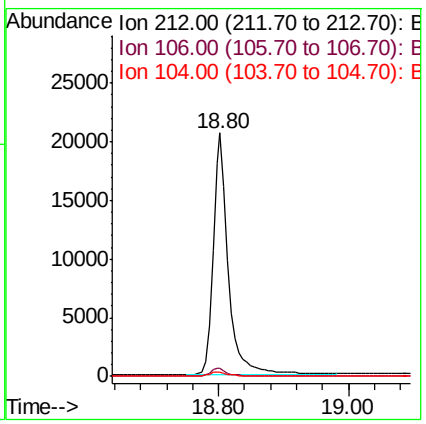


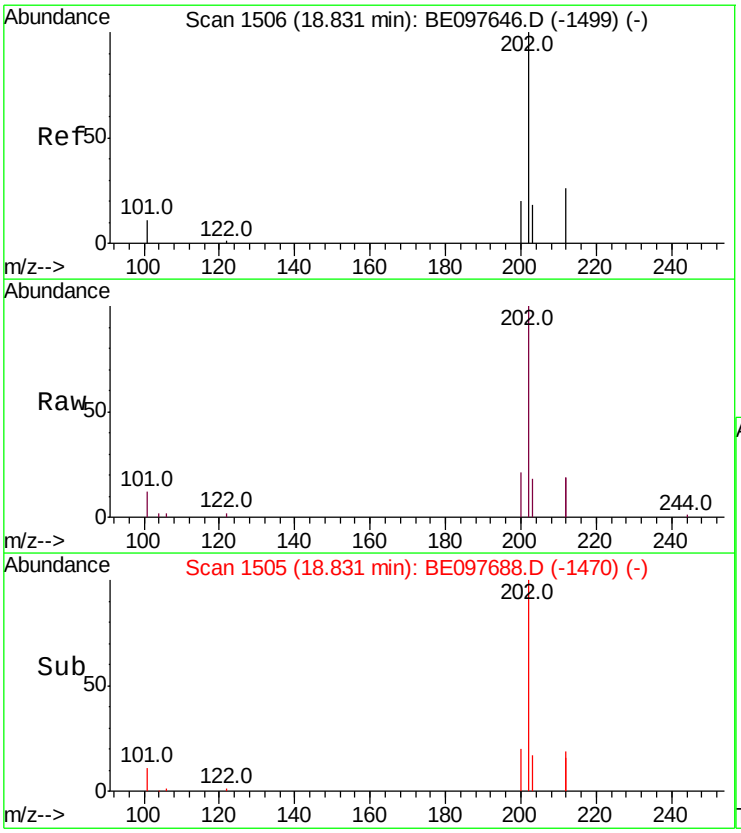
#25
Fluoranthene-d10
Concen: 0.391 ng
RT: 18.80 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 33610

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

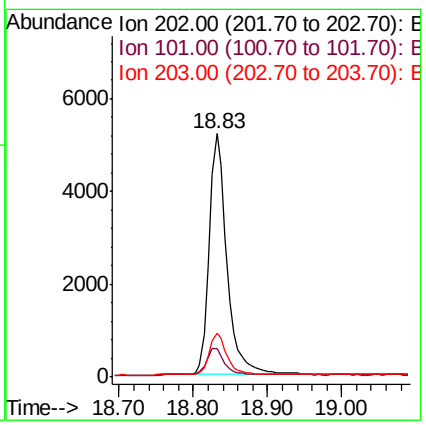


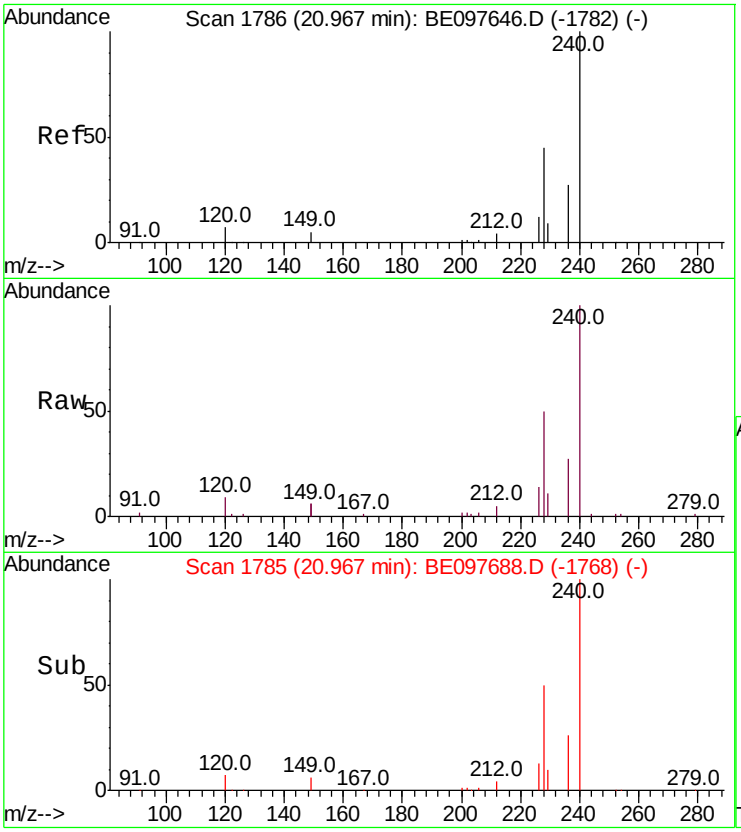


#26
Fluoranthene
Concen: 0.389 ng
RT: 18.83 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:202 Resp: 8706

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.1	13.7	20.5



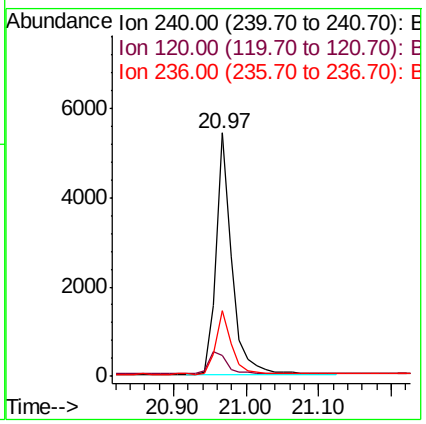


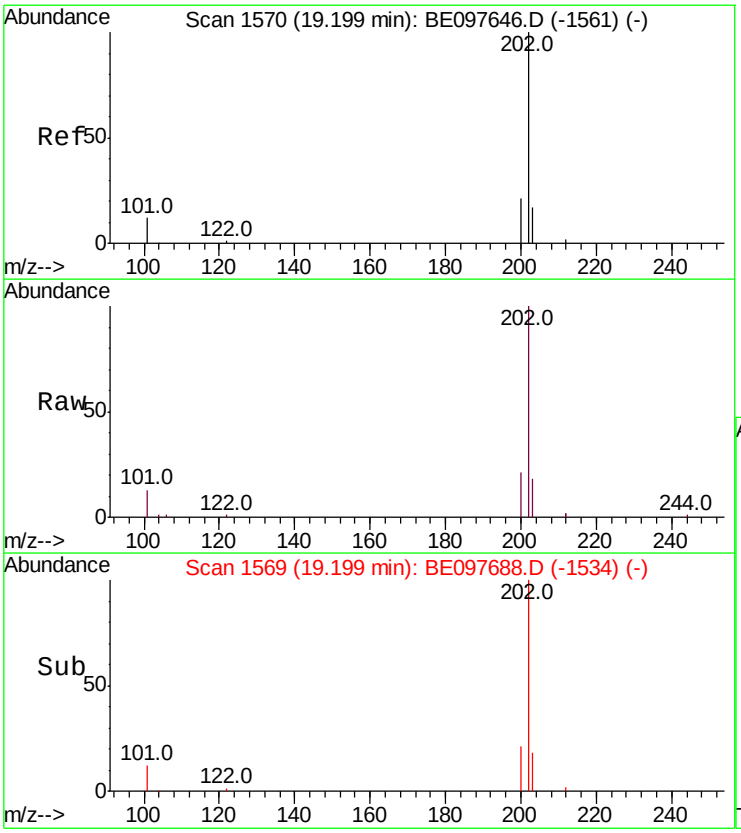
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8163

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.5	8.3#
236	27.2	20.7	31.1

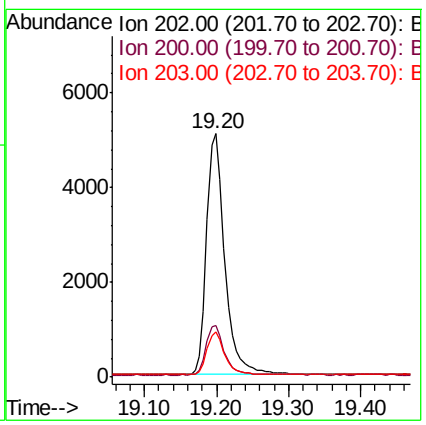


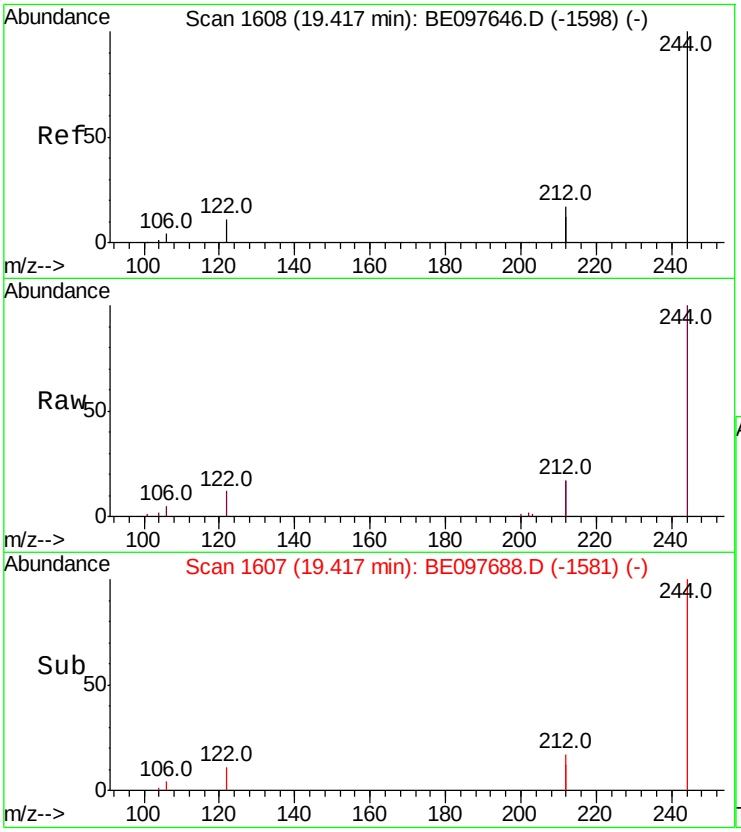


#28
Pyrene
Concen: 0.421 ng
RT: 19.20 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:202 Resp: 8973

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.5	13.8	20.8



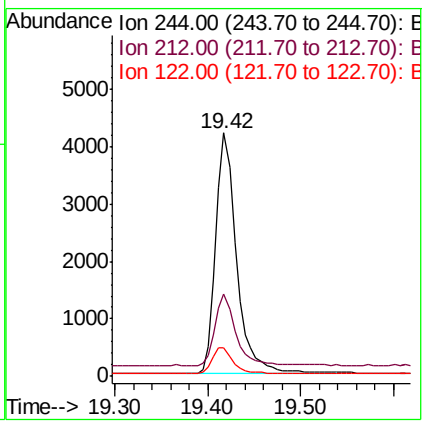


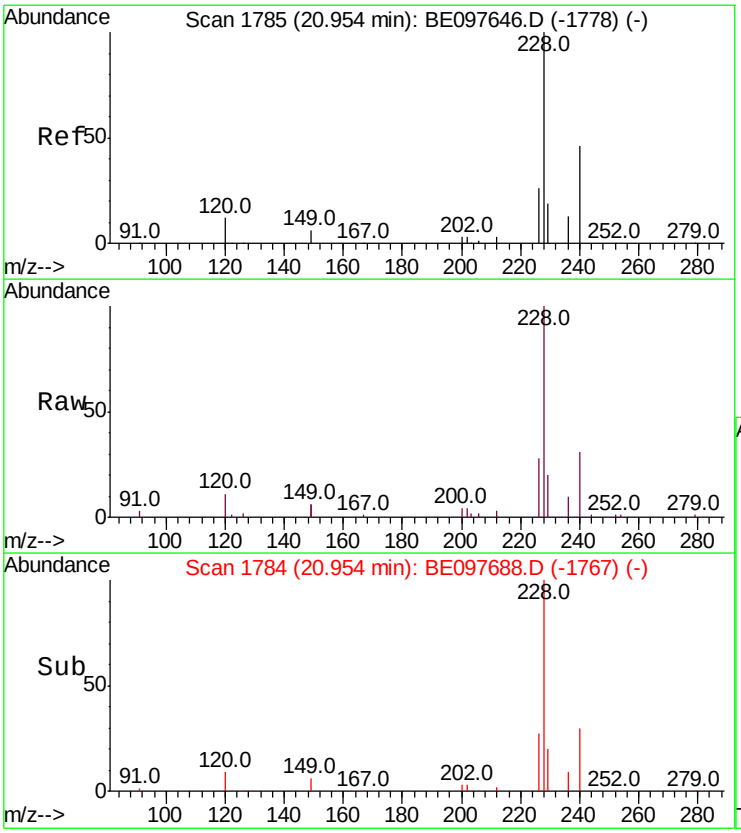
#29
Terphenyl-d14
Concen: 0.410 ng
RT: 19.42 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6592

Ion	Ratio	Lower	Upper
244	100		
212	34.1	25.4	38.0
122	11.6	8.1	12.1

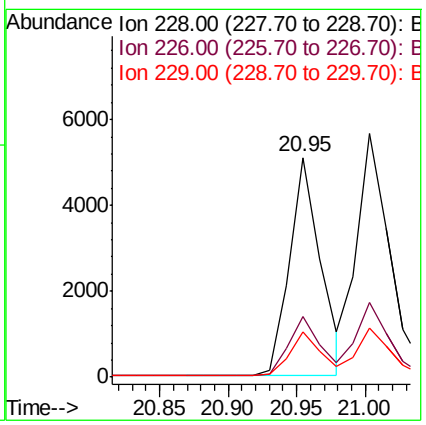


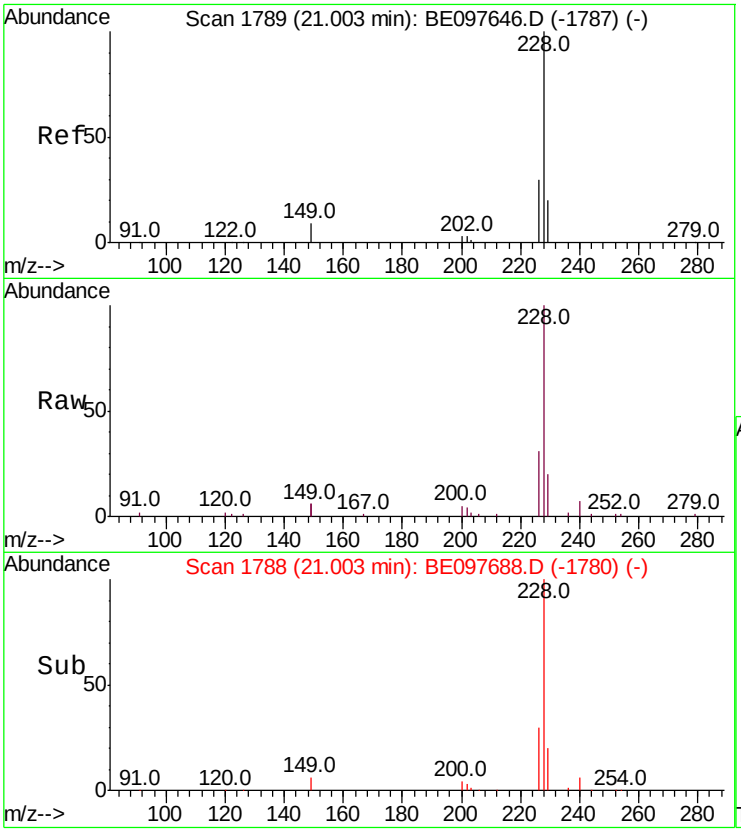


#30
Benzo(a)anthracene
Concen: 0.412 ng
RT: 20.95 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:228 Resp: 7952

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.0	36.0
229	20.3	16.0	24.0



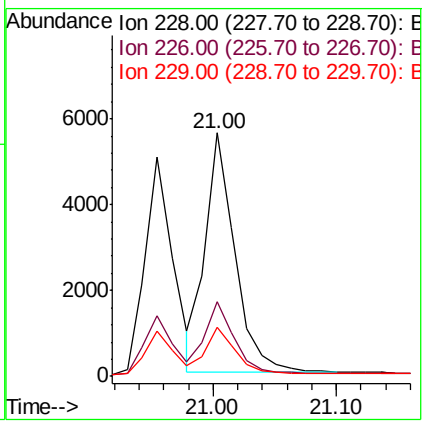


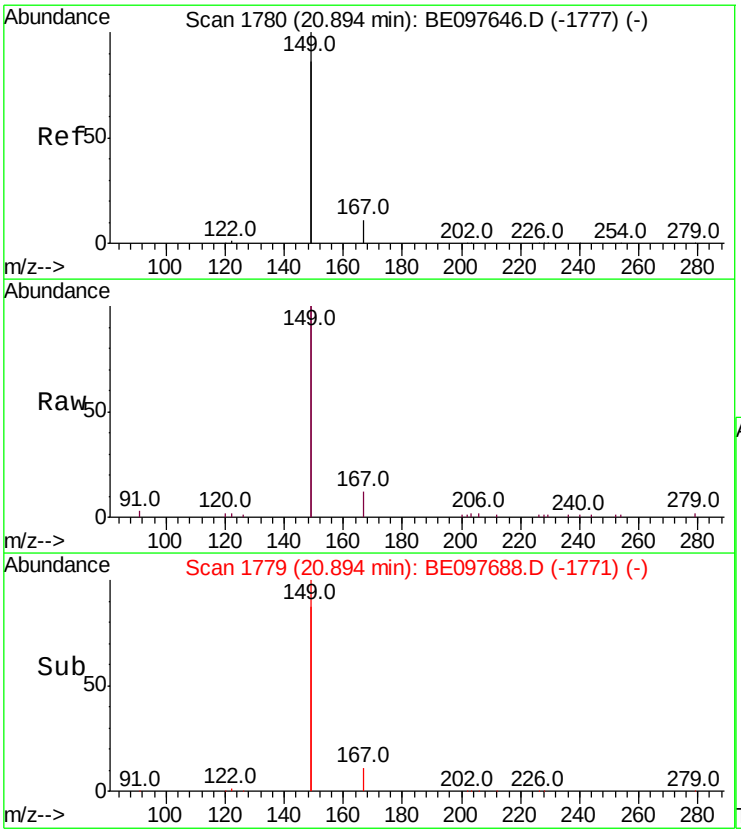
#31
Chrysene
Concen: 0.411 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9284

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.3	16.0	24.0

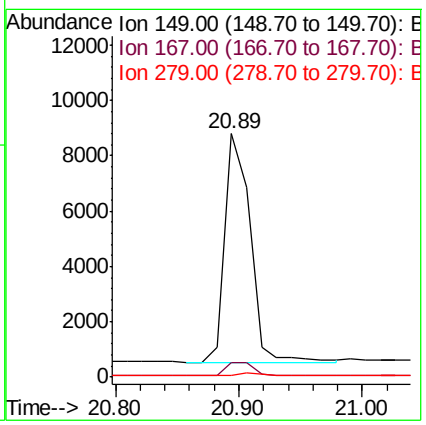


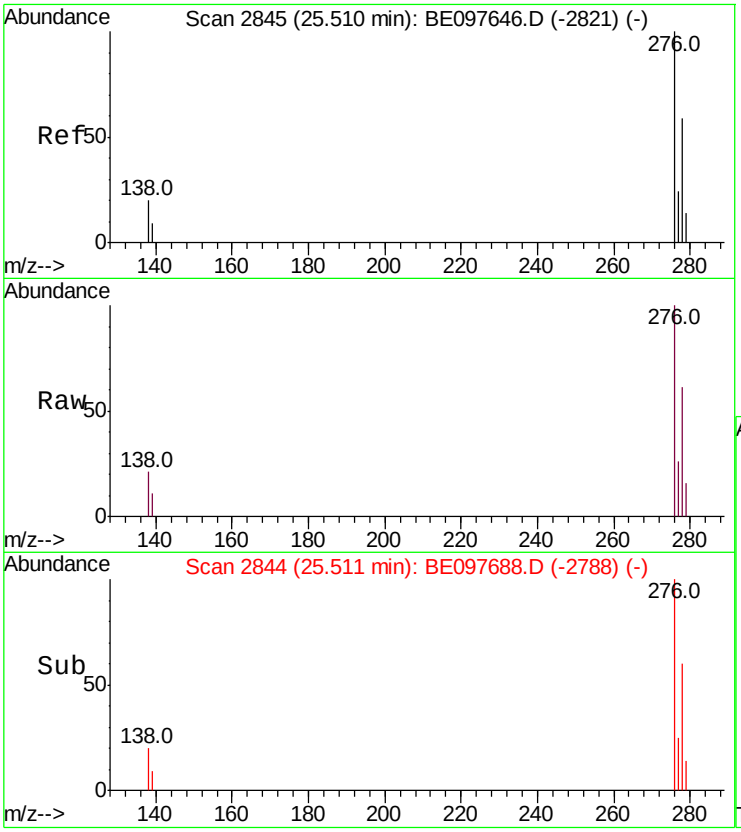


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.541 ng
RT: 20.89 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:149 Resp: 11928

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.1	0.7	1.1#



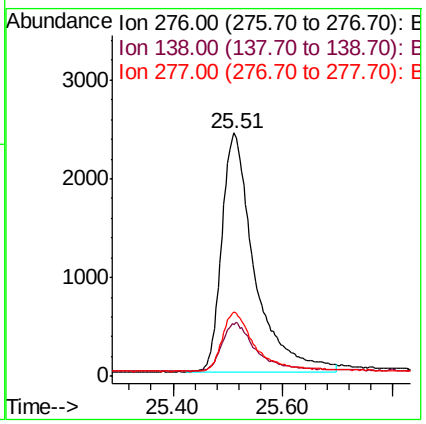


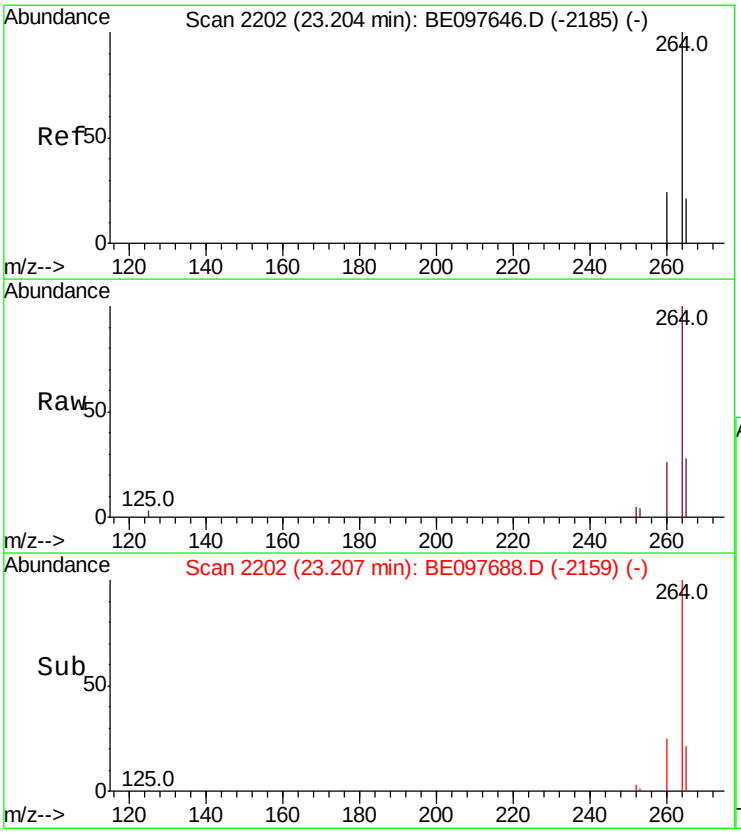
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng
RT: 25.51 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10007

Ion	Ratio	Lower	Upper
276	100		
138	20.6	22.5	33.7#
277	24.6	19.9	29.9

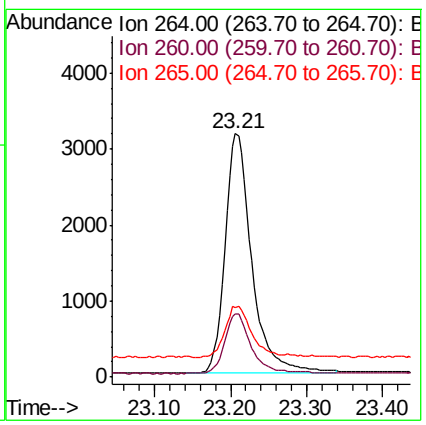


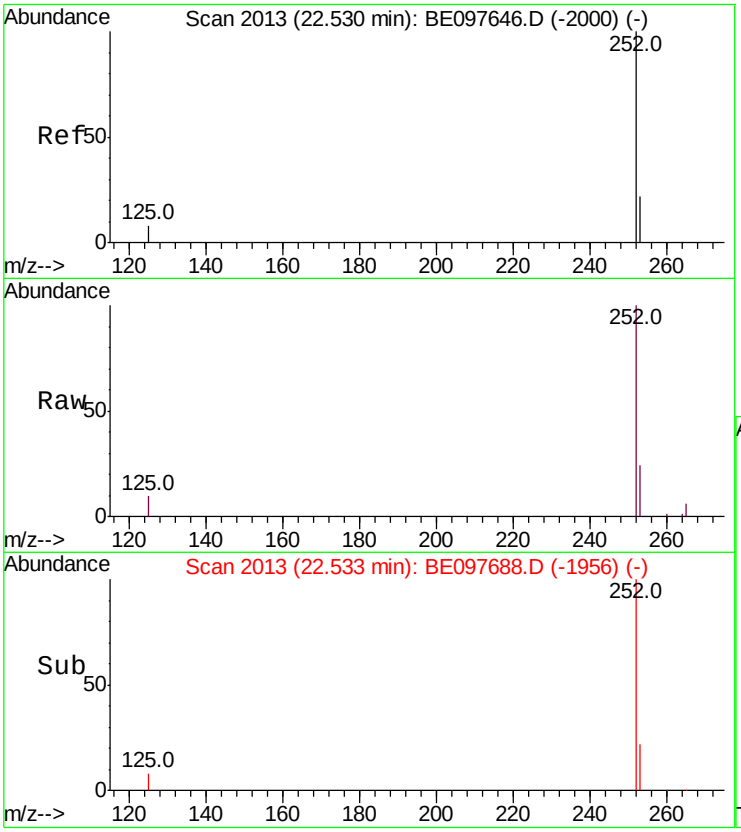


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:264 Resp: 7694

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	28.4	22.8	34.2



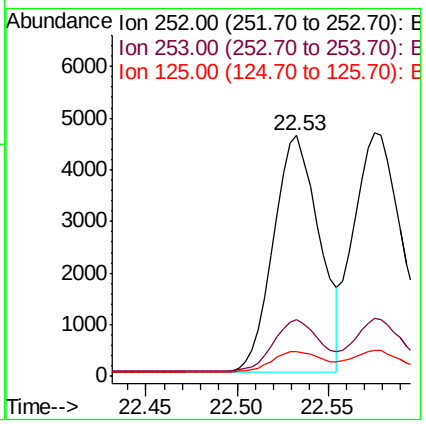


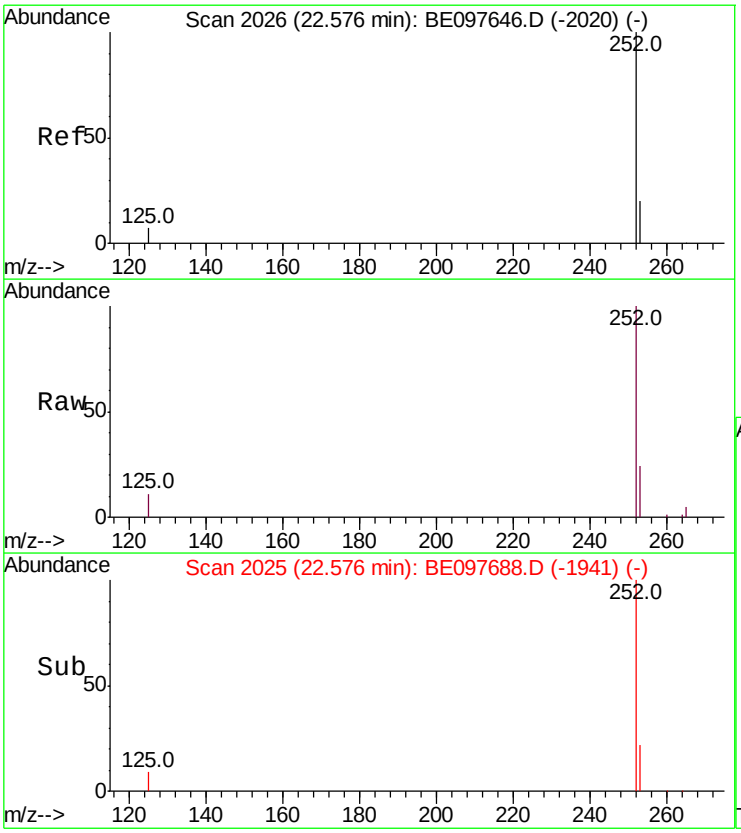
#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 22.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8061

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.0	30.0
125	10.1	16.0	24.0#

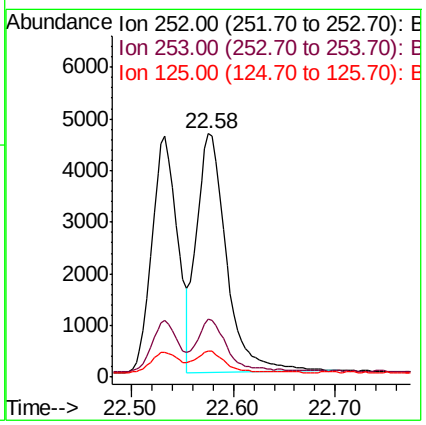


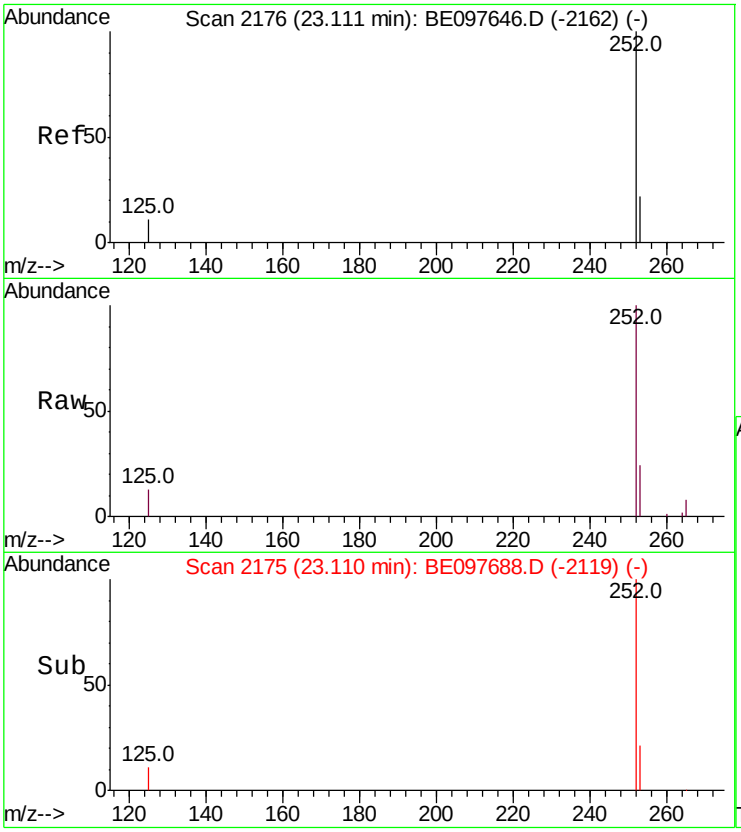


#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 22.58 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:252 Resp: 9351

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	10.6	8.0	12.0



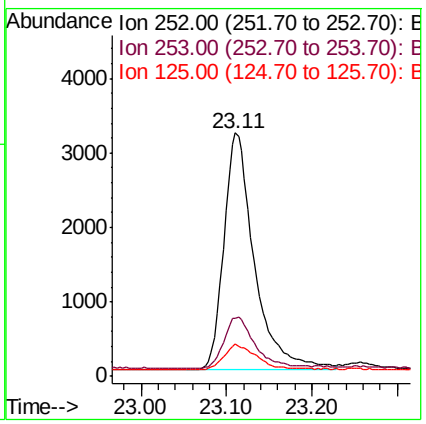


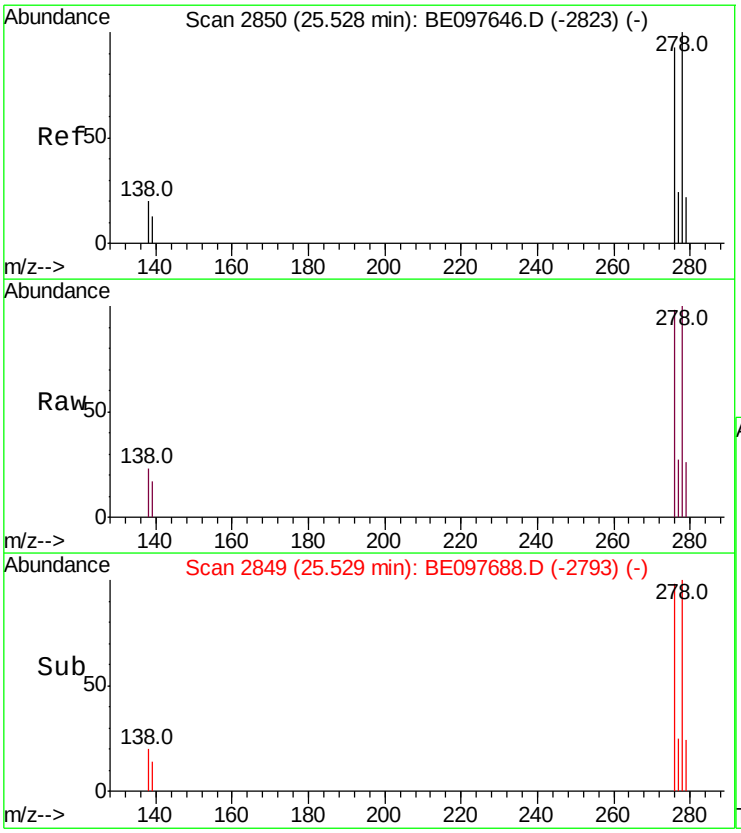
#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7948

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.0	24.0#
125	13.2	12.0	18.0

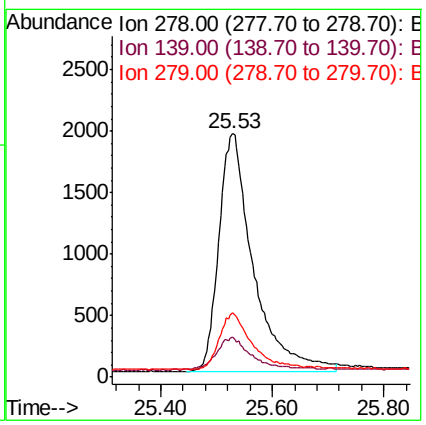


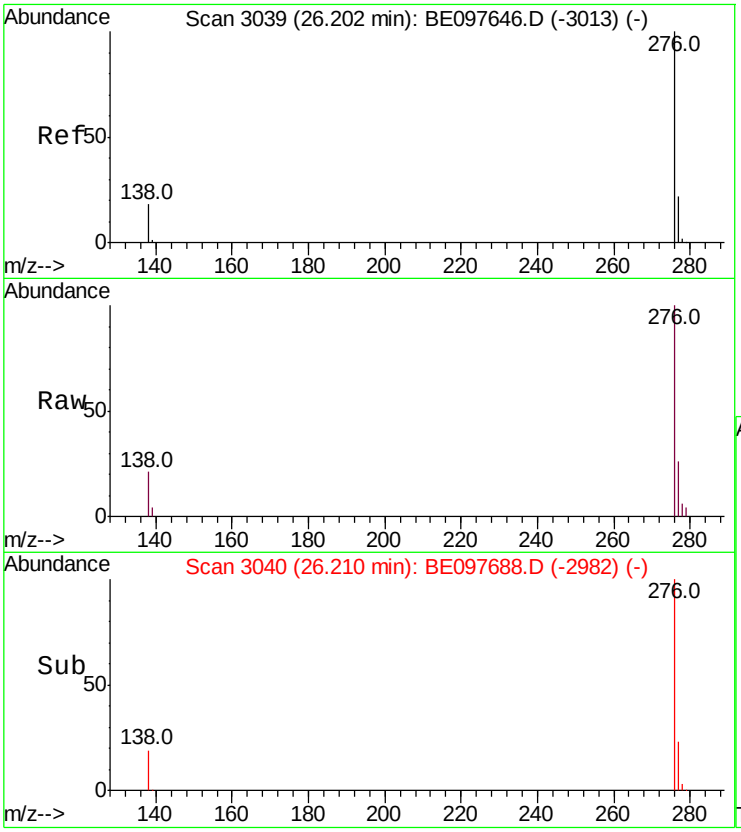


#38
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 25.53 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:278 Resp: 8286

Ion	Ratio	Lower	Upper
278	100		
139	16.6	16.0	24.0
279	26.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 26.21 min Scan# 3040
Delta R.T. 0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8231

Ion	Ratio	Lower	Upper
276	100		
277	25.5	16.0	24.0#
138	21.2	20.0	30.0