Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097628.D
Acq On : 22 Sep 2018 1:56
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 22 04:10:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	681	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3515	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2447	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	7696	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8324	0.40	ng		0.00
34) Perylene-d12	23.21	264	8186	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	728	0.36	ng		0.00
5) Phenol-d6	6.62	99	821	0.31	ng		0.01
8) Nitrobenzene-d5	8.54	82	874	0.32	ng		0.01
11) 2-Methylnaphthalene-d10	11.72	152	1973	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	390	0.42	ng		0.01
15) 2-Fluorobiphenyl	12.63	172	3162	0.37	ng		0.01
25) Fluoranthene-d10	18.80	212	31890	0.32	ng		0.00
29) Terphenyl-d14	19.42	244	6288	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	472	0.407	ng	#	87
3) n-Nitrosodimethylamine	3.38	42	259	0.267	ng	#	75
6) bis(2-Chloroethyl)ether	6.83	93	875	0.362	ng		72
9) Naphthalene	10.18	128	12373	0.391	ng		98
10) Hexachlorobutadiene	10.46	225	578	0.396	ng		96
12) 2-Methylnaphthalene	11.80	142	2035	0.412	ng		99
16) Acenaphthylene	13.71	152	3808	0.394	ng		100
17) Acenaphthene	14.06	154	2599	0.401	ng		97
18) Fluorene	15.06	166	3563	0.421	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1348	0.389	ng	#	84
21) Hexachlorobenzene	16.07	284	1545	0.405	ng	#	85
22) Pentachlorophenol	16.45	266	283	0.295	ng	#	81
23) Phenanthrene	16.80	178	7043	0.385	ng		98
24) Anthracene	16.89	178	5807	0.360	ng		96
26) Fluoranthene	18.83	202	8385	0.331	ng		99
28) Pyrene	19.20	202	8472	0.447	ng		100
30) Benzo(a)anthracene	20.96	228	7193	0.343	ng		97
31) Chrysene	21.00	228	9292	0.413	ng		100
32) Bis(2-ethylhexyl)phthalate	20.89	149	9476	0.280	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	10567	0.390	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	7577	0.361	ng	#	90
36) Benzo(k)fluoranthene	22.58	252	9871	0.412	ng		94
37) Benzo(a)pyrene	23.11	252	7948	0.391	ng	#	93
38) Dibenzo(a,h)anthracene	25.52	278	8563	0.389	ng		96
39) Benzo(g,h,i)perylene	26.21	276	8350	0.390	ng	#	89

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

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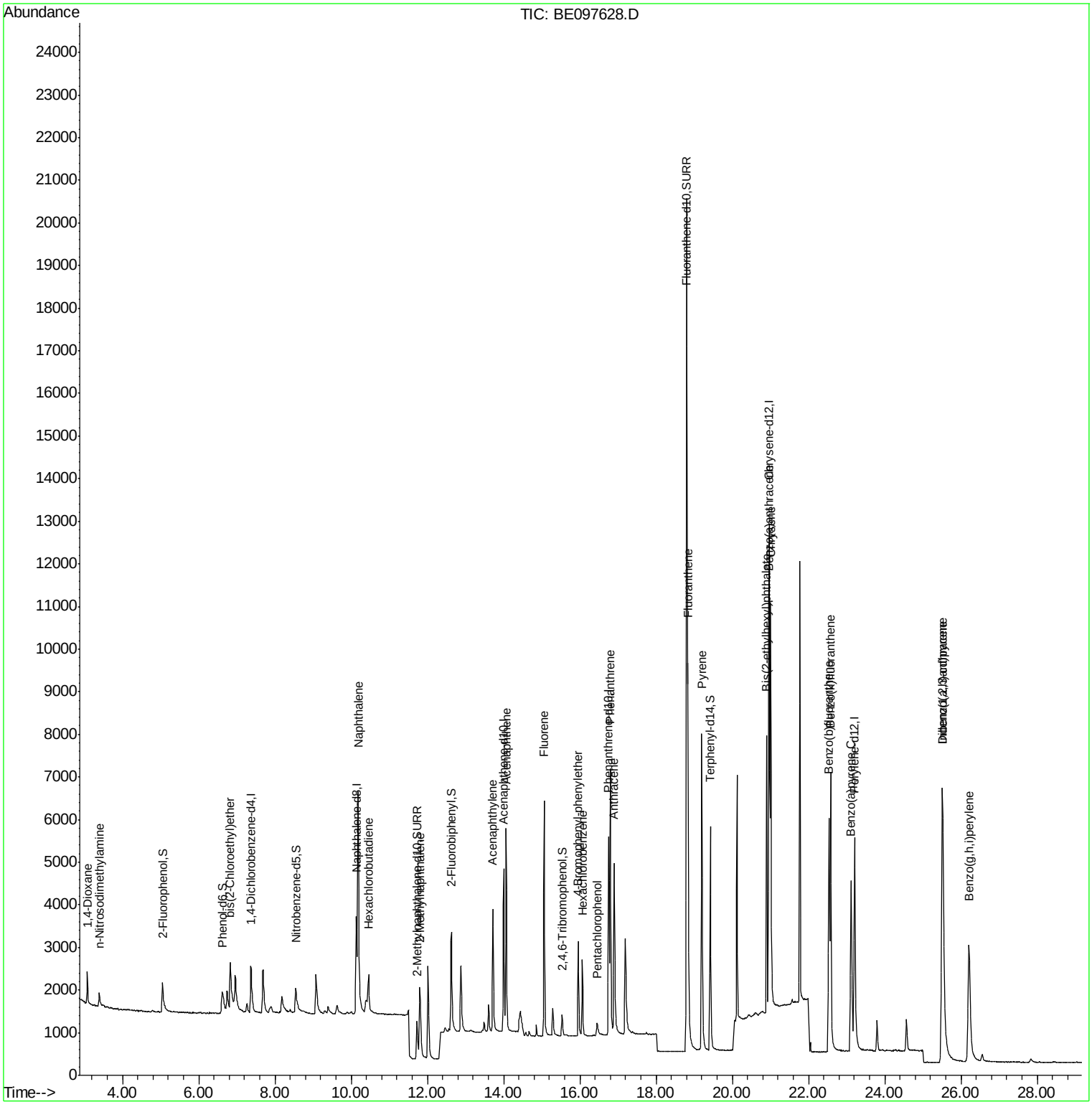
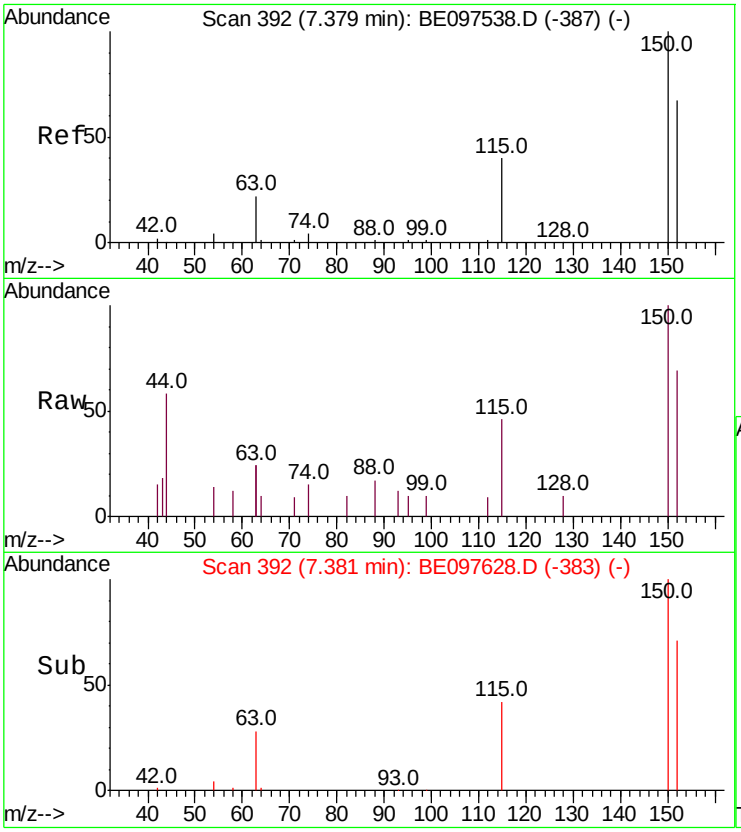
Acq On : 22 Sep 2018 1:56
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 22 04:10:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration



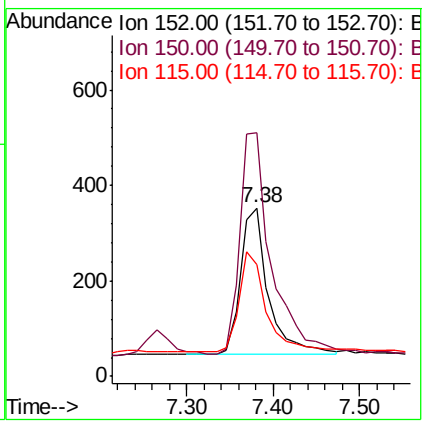


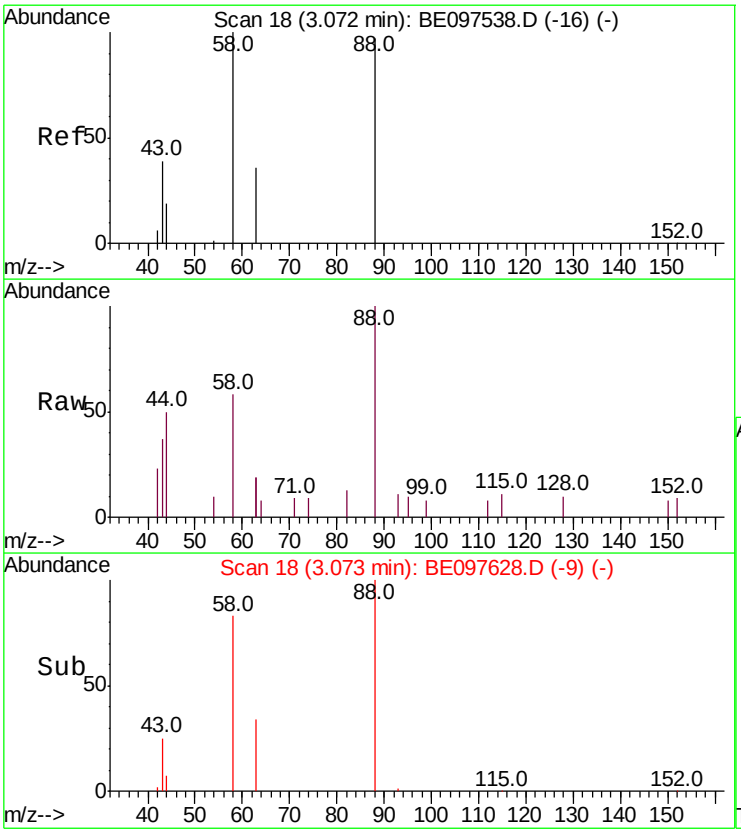
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 681

Ion	Ratio	Lower	Upper
152	100		
150	144.5	117.2	175.8
115	66.0	57.0	85.6

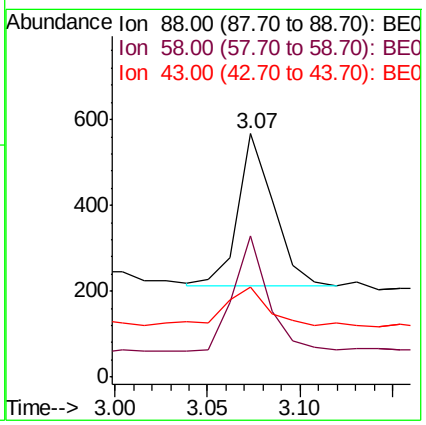


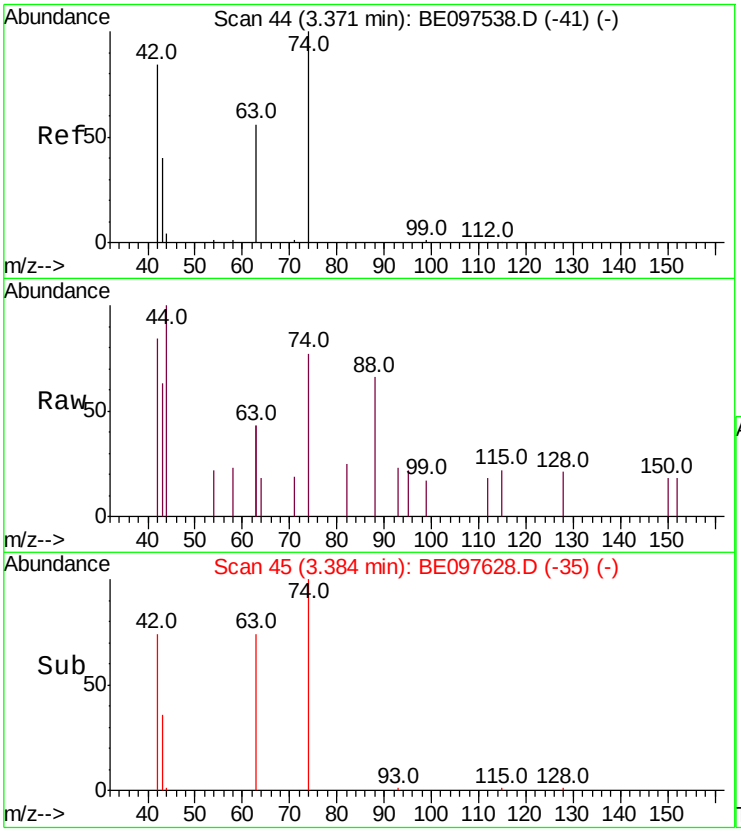


#2
1,4-Dioxane
Concen: 0.407 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion: 88 Resp: 472

Ion	Ratio	Lower	Upper
88	100		
58	75.0	63.2	94.8
43	33.1	41.2	61.8#



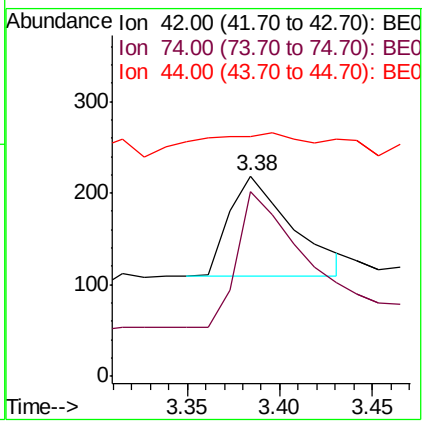


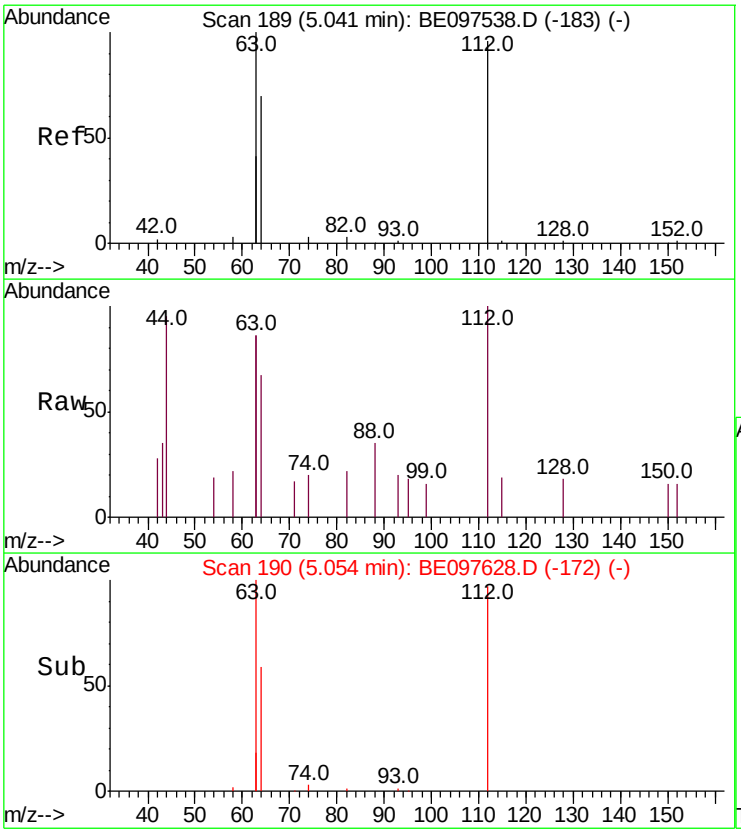
#3
n-Nitrosodimethylamine
Concen: 0.267 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 259

Ion	Ratio	Lower	Upper
42	100		
74	142.5	96.0	144.0
44	41.3	12.0	18.0#

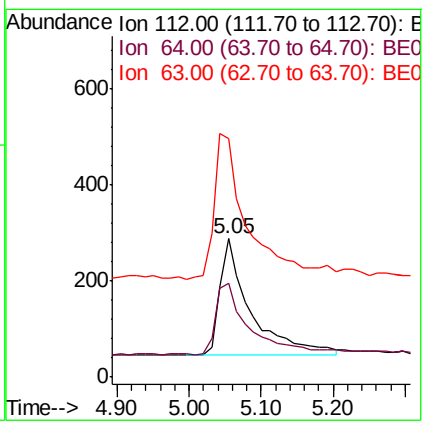


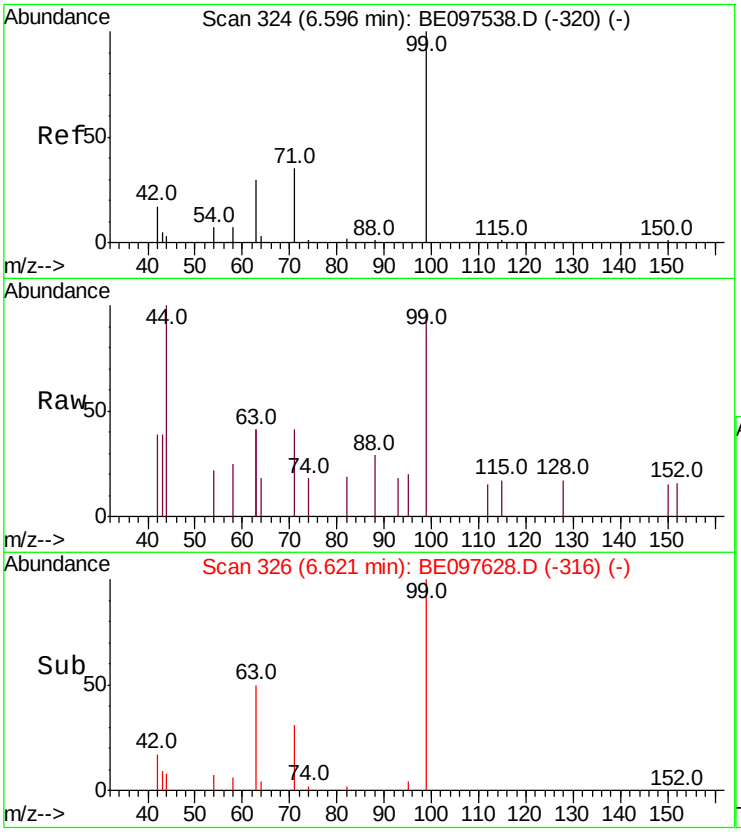


#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:112 Resp: 728

Ion	Ratio	Lower	Upper
112	100		
64	64.6	60.1	90.1
63	136.3	116.8	175.2



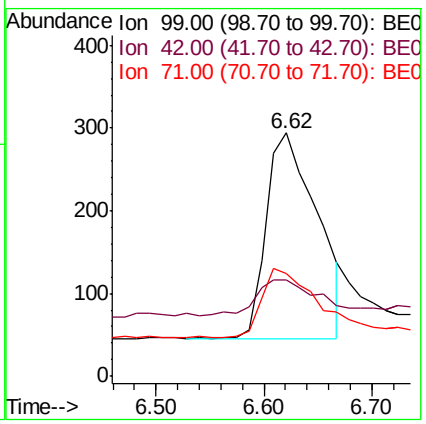


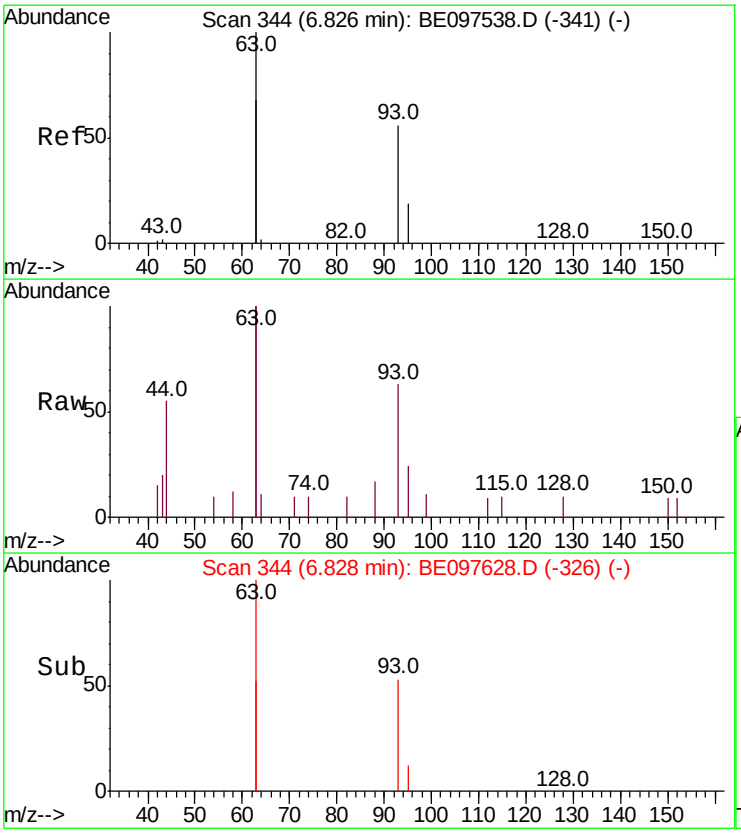
#5
Phenol-d6
Concen: 0.315 ng
RT: 6.62 min Scan# 326
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 821

Ion	Ratio	Lower	Upper
99	100		
42	20.1	20.2	30.2#
71	34.6	28.4	42.6

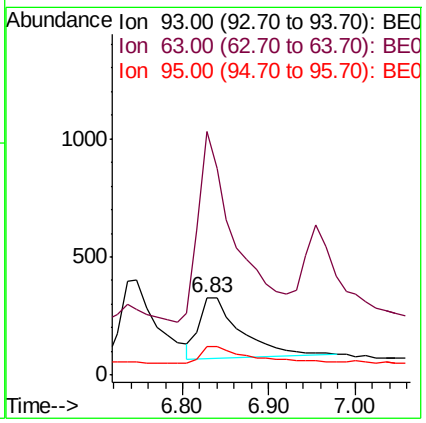


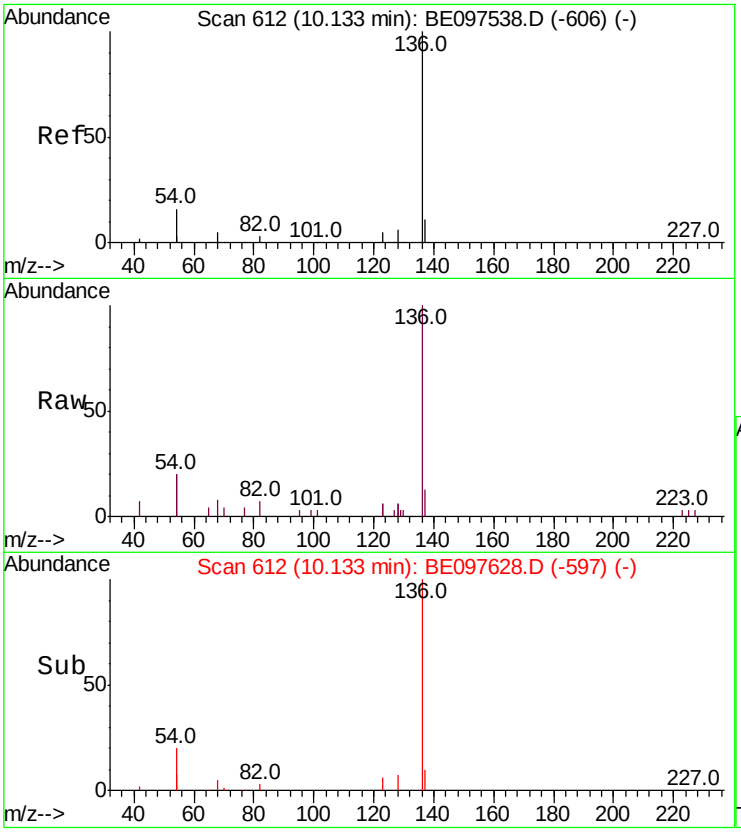


#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion: 93 Resp: 875

Ion	Ratio	Lower	Upper
93	100		
63	278.4	275.3	412.9
95	30.7	25.2	37.8



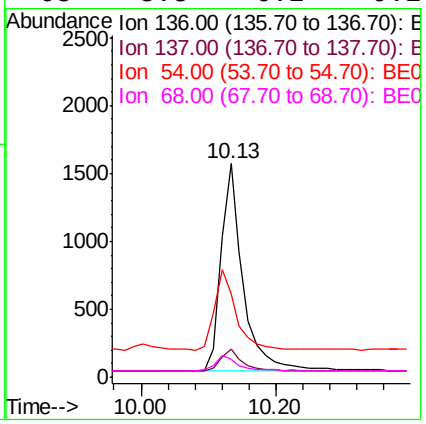


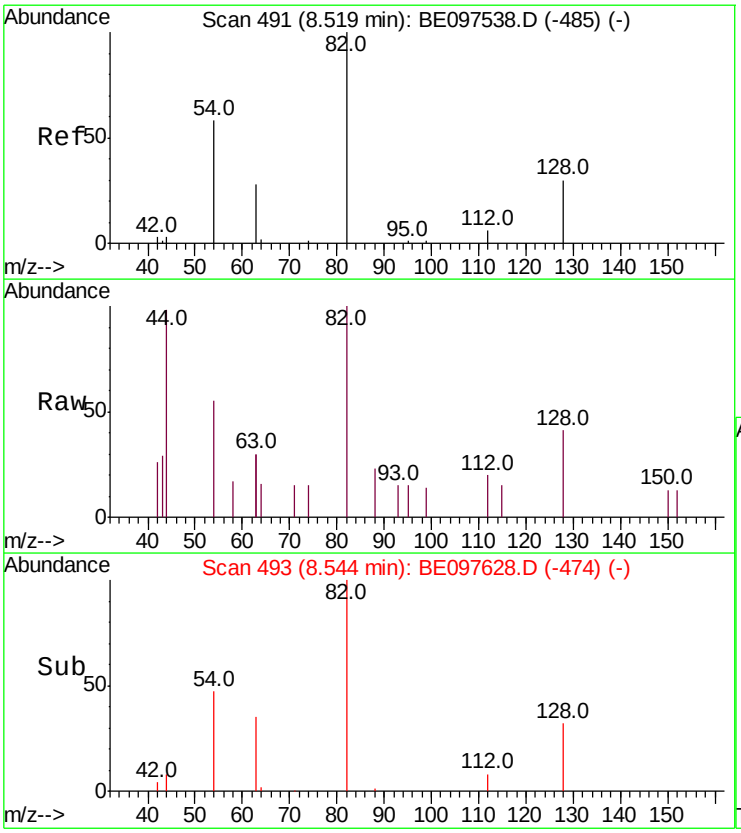
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3515

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.5	14.3
54	39.0	29.1	43.7
68	8.3	6.2	9.2

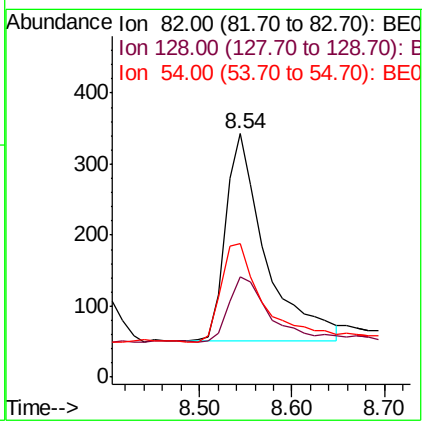


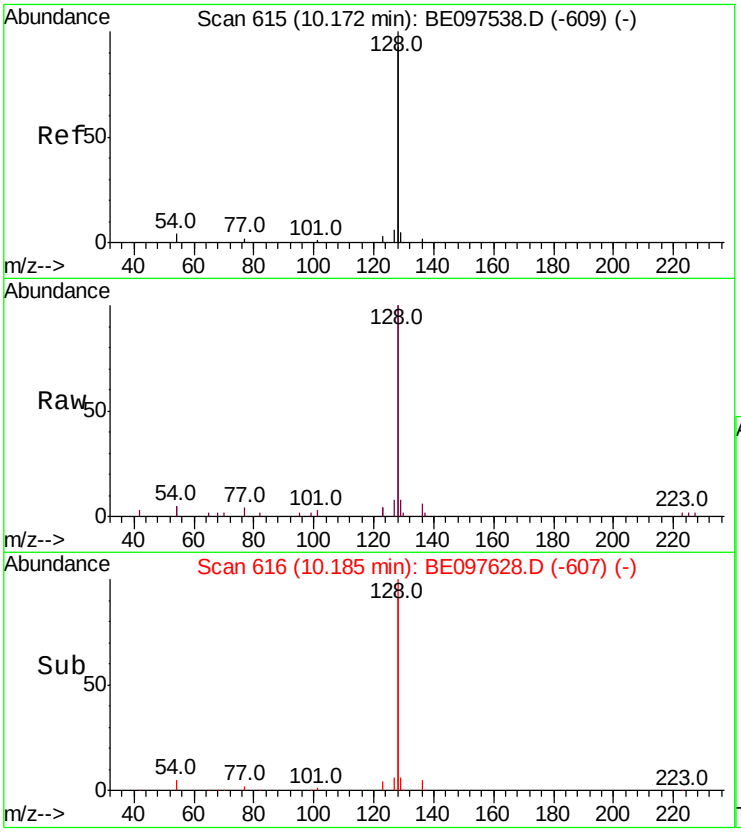


#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.54 min Scan# 493
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion: 82 Resp: 874

Ion	Ratio	Lower	Upper
82	100		
128	41.4	24.0	36.0#
54	54.8	40.0	60.0



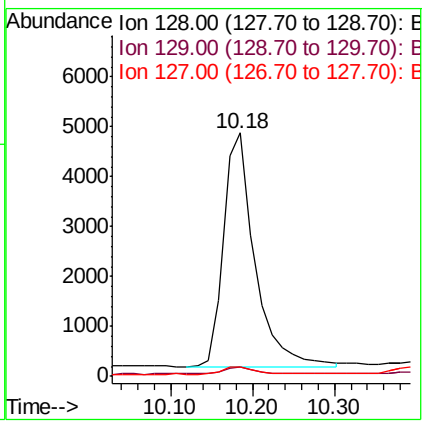


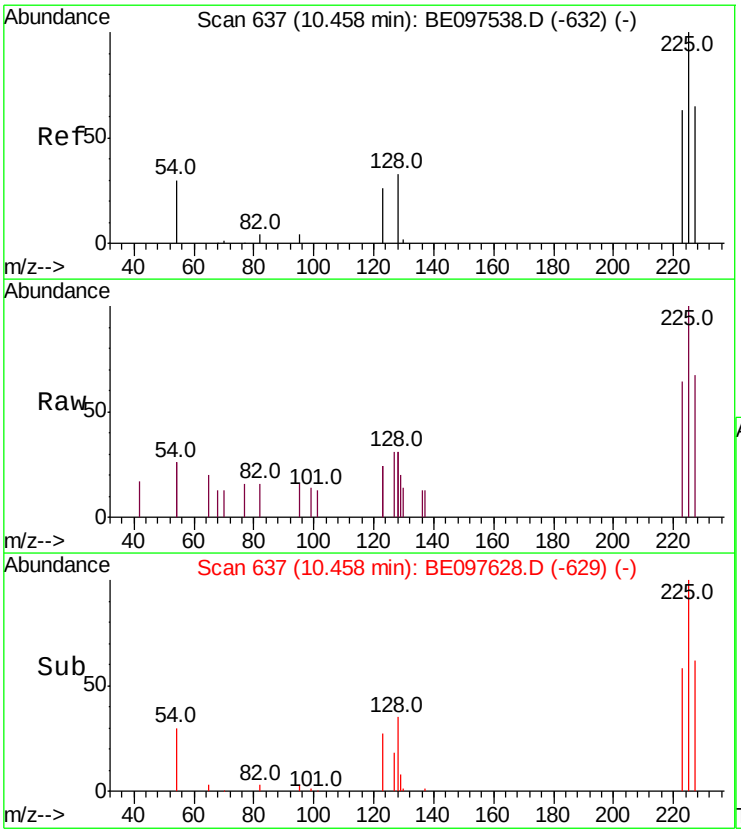
#9
Naphthalene
Concen: 0.391 ng
RT: 10.18 min Scan# 616
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 12373

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

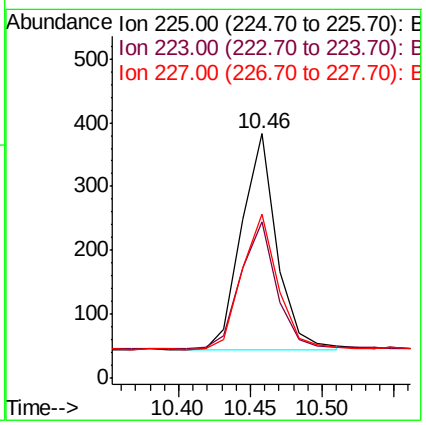


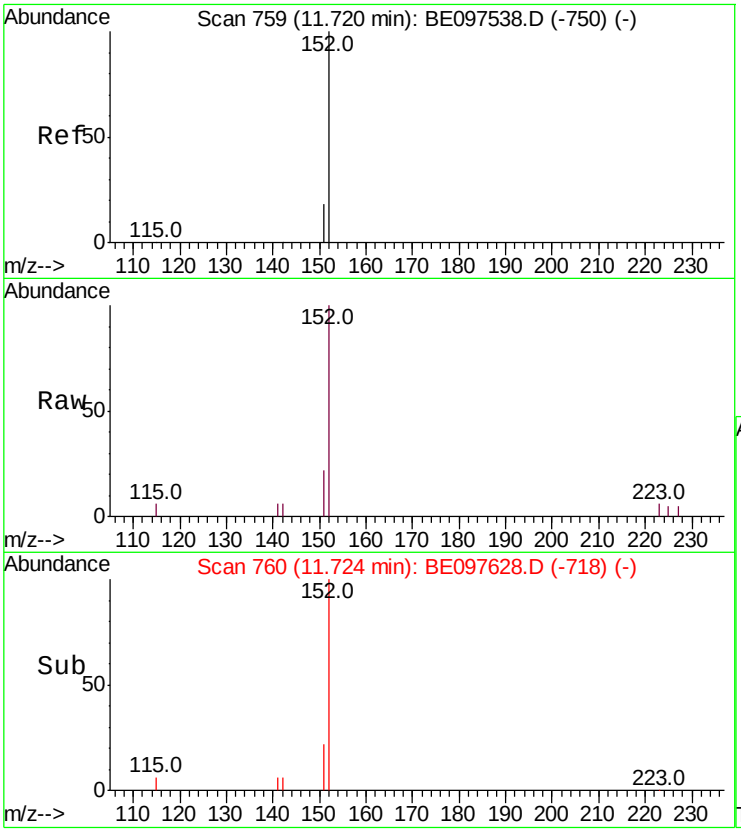


#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:225 Resp: 578

Ion	Ratio	Lower	Upper
225	100		
223	60.0	53.0	79.6
227	63.8	51.4	77.2



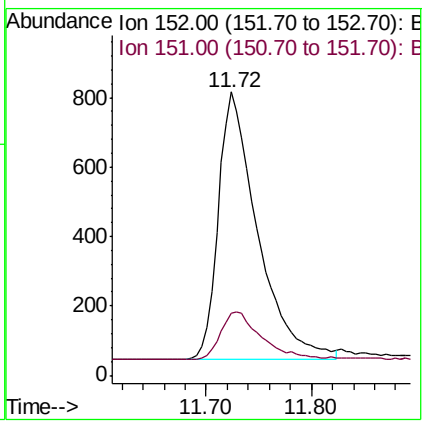


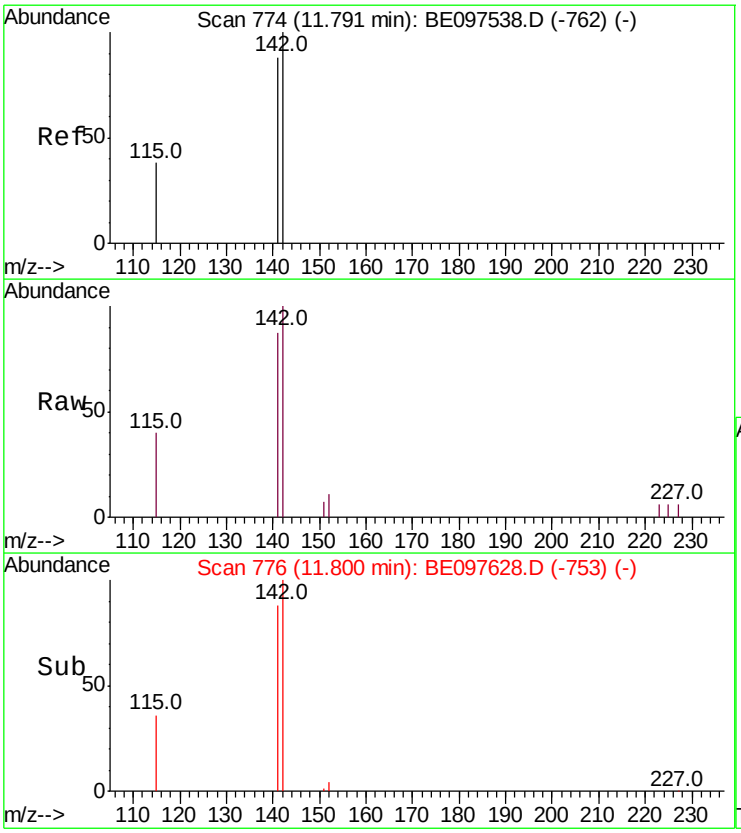
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 11.72 min Scan# 760
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1973

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.0

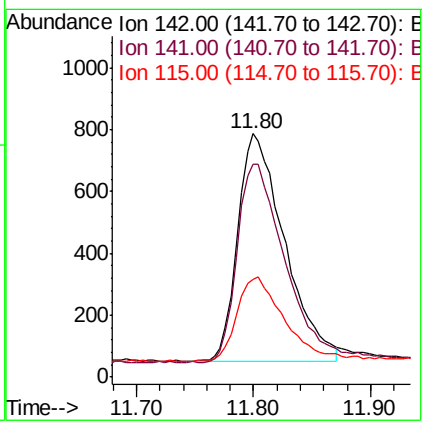


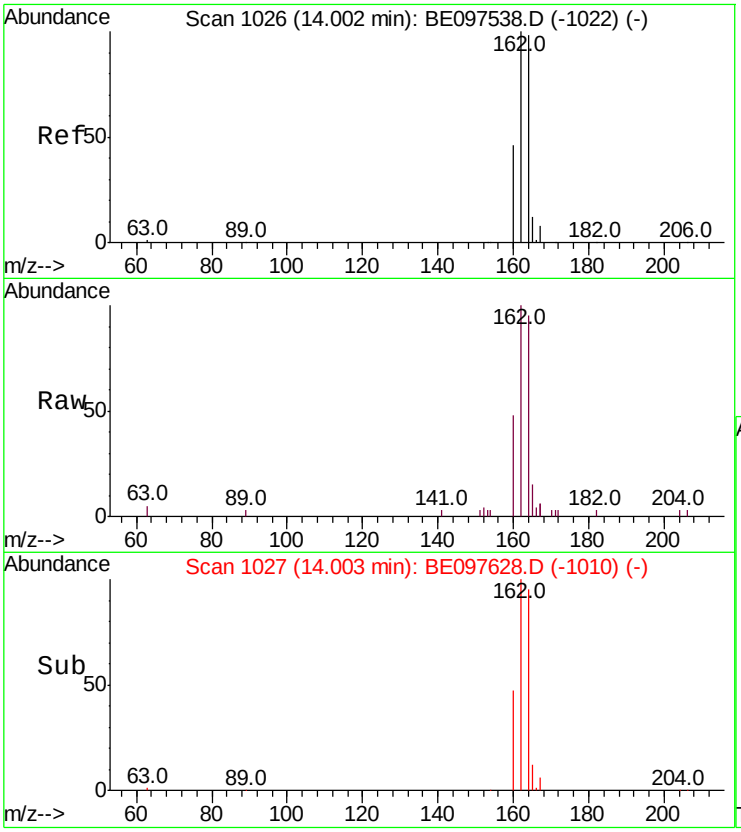


#12
2-Methylnaphthalene
Concen: 0.412 ng
RT: 11.80 min Scan# 776
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:142 Resp: 2035

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.4	105.6
115	40.2	31.7	47.5



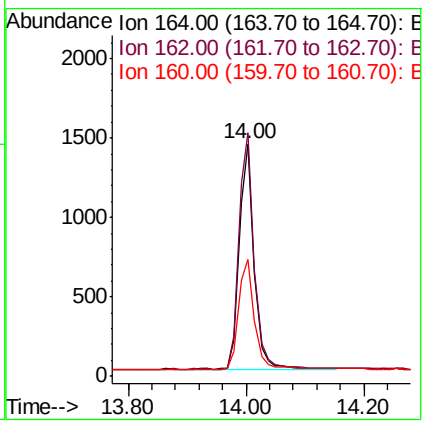


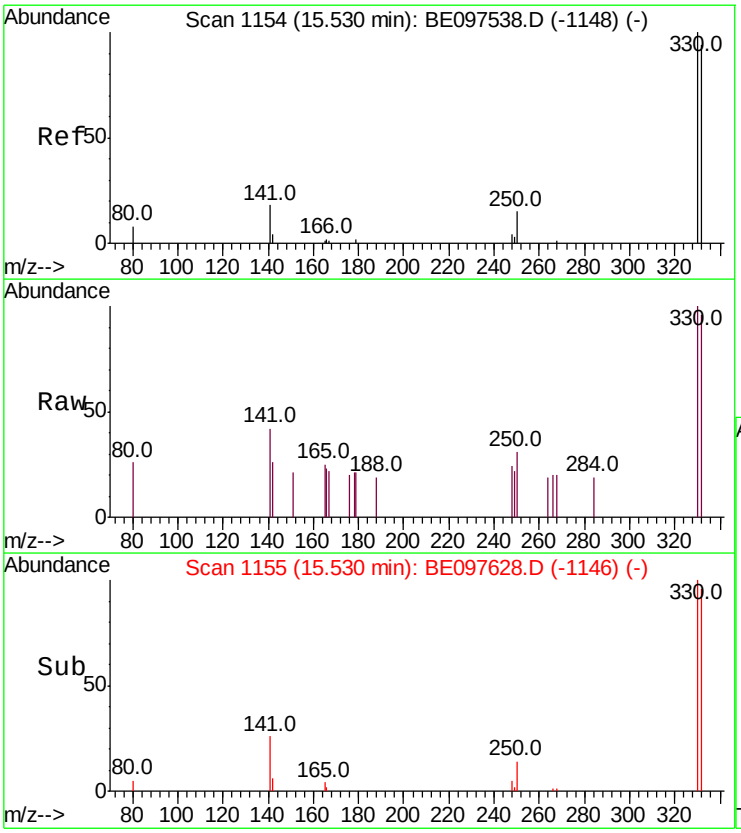
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2447

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.1	124.7
160	50.5	37.1	55.7

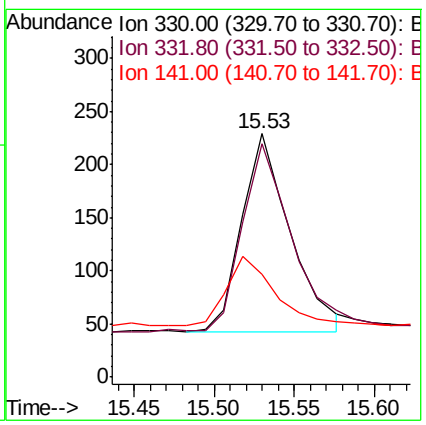


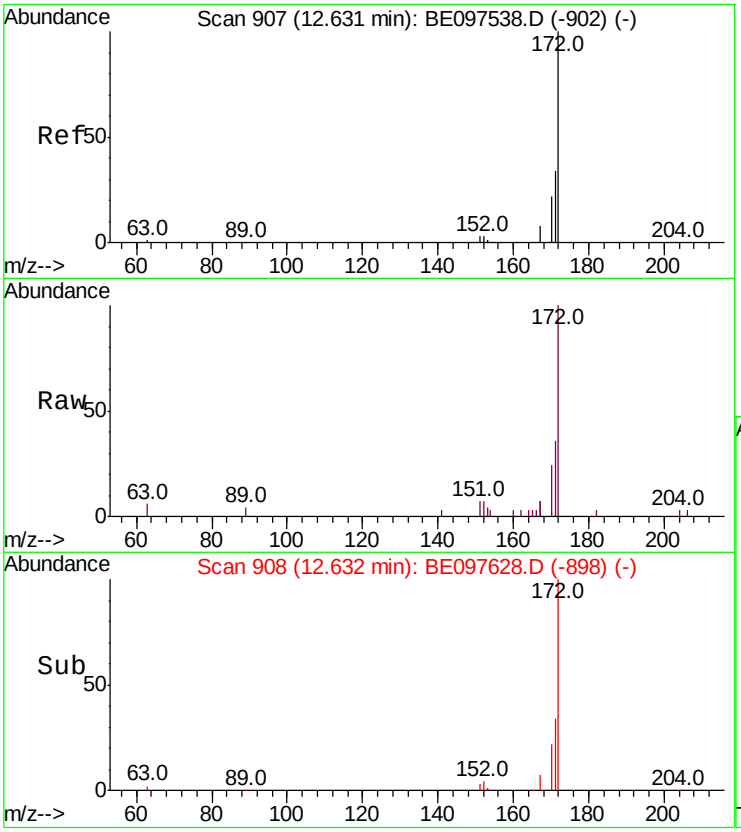


#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:330 Resp: 390

Ion	Ratio	Lower	Upper
330	100		
332	97.7	152.7	229.1#
141	35.4	33.7	50.5



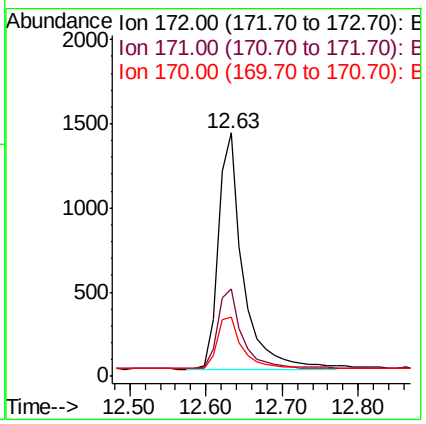


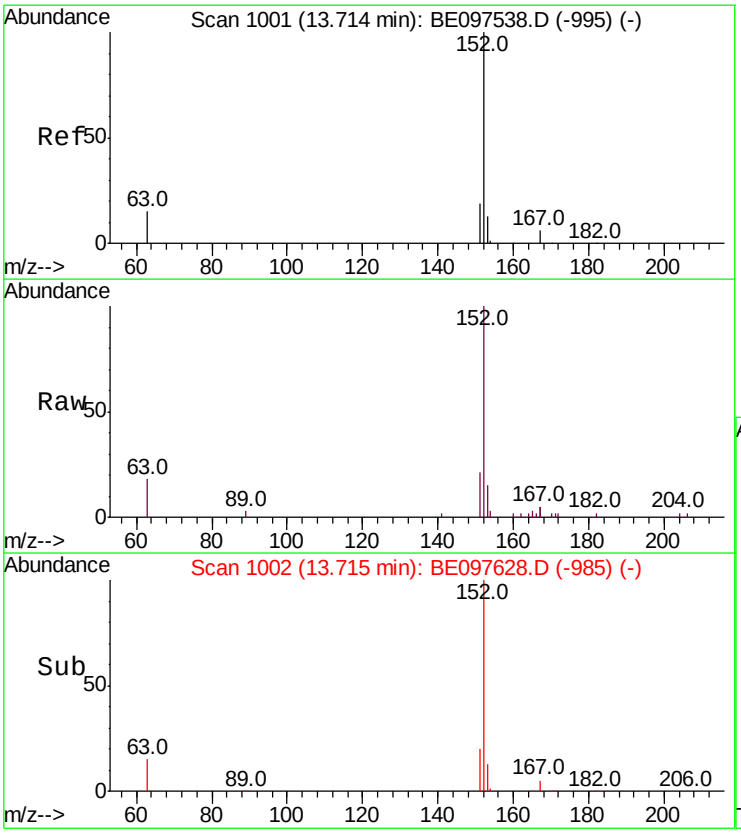
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3162

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	24.2	21.8	32.8

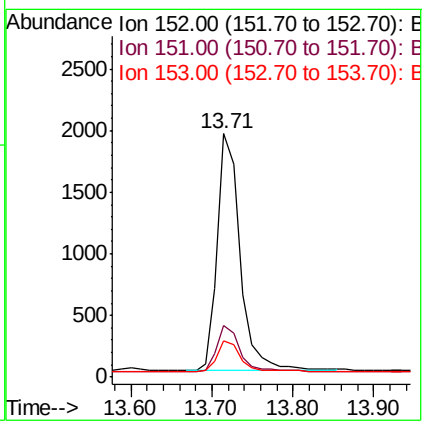


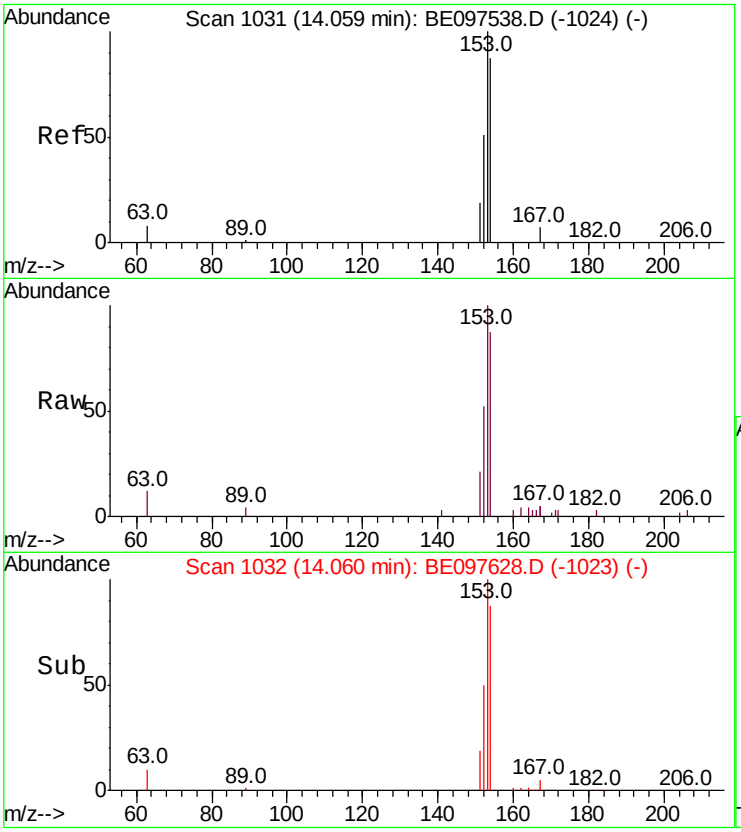


#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.71 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:152 Resp: 3808

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.4	10.5	15.7



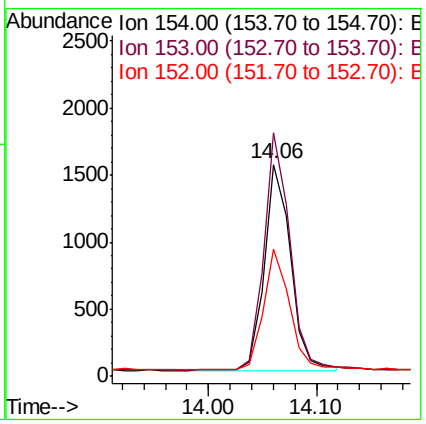


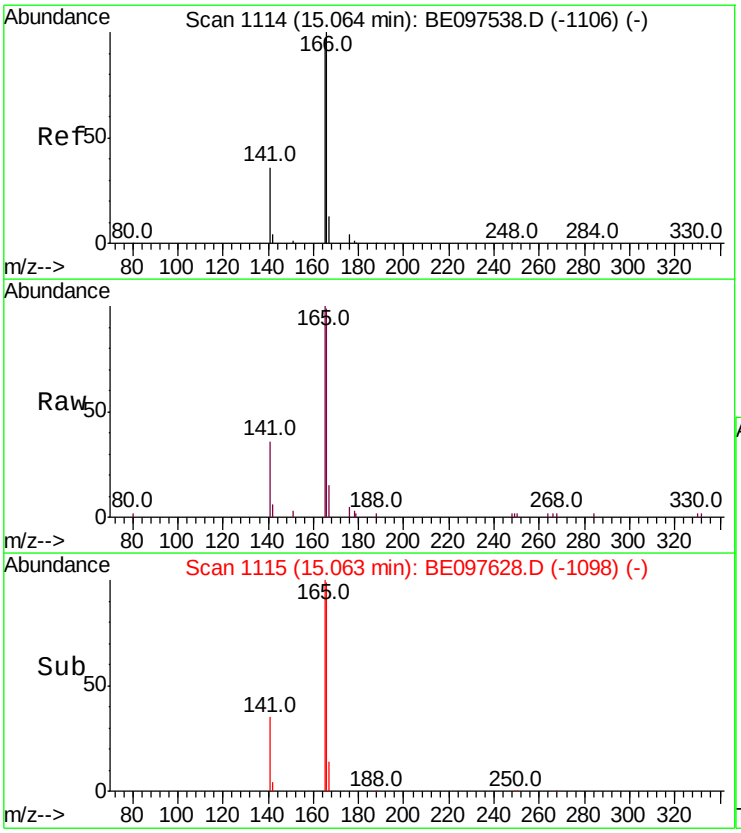
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2599

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	57.2	42.0	63.0

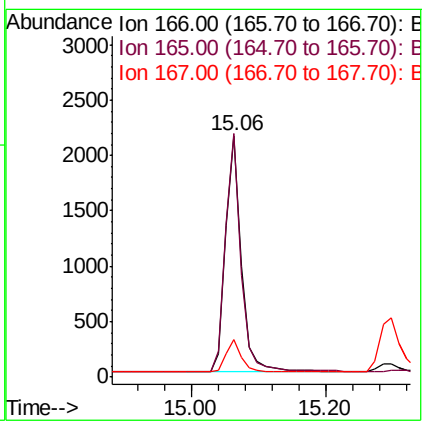


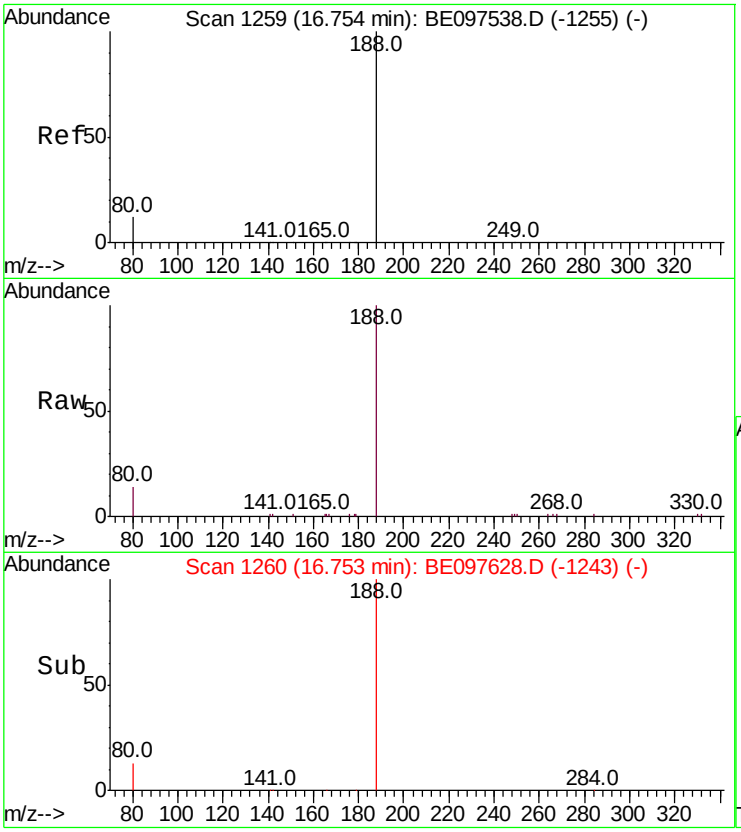


#18
Fluorene
Concen: 0.421 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:166 Resp: 3563

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.6
167	13.9	42.4	63.6#



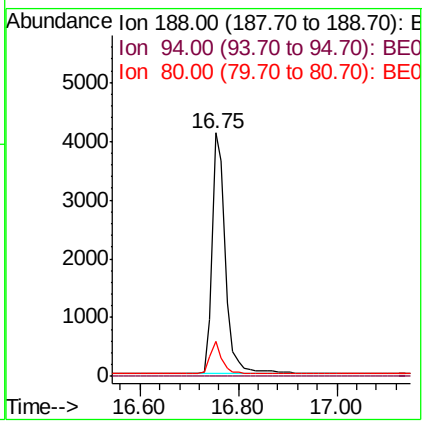


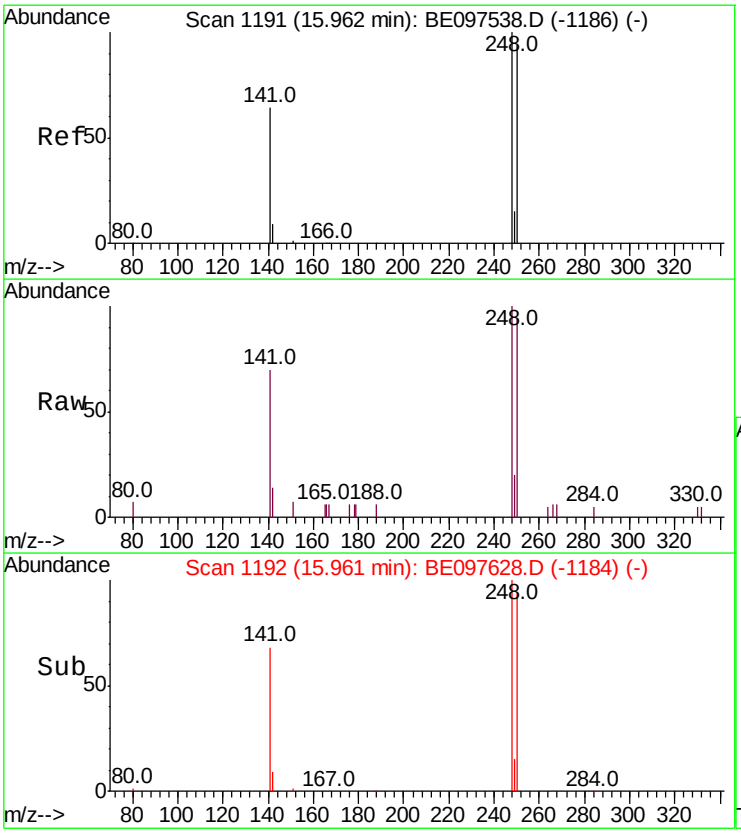
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7696

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.2	3.6	5.4#

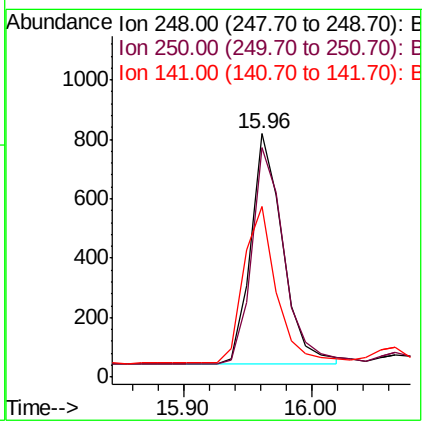


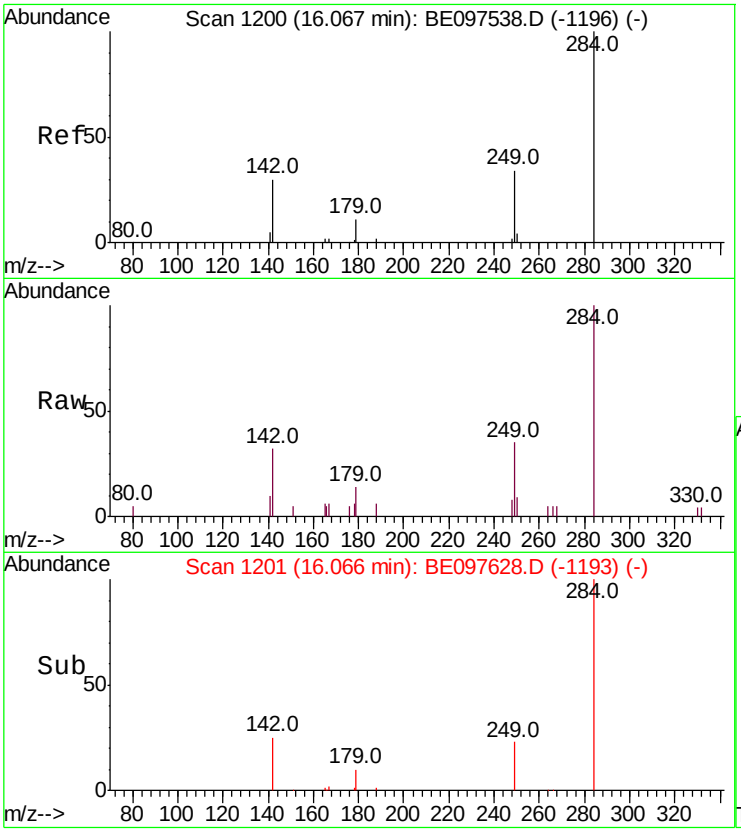


#20
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:248 Resp: 1348

Ion	Ratio	Lower	Upper
248	100		
250	94.4	62.7	94.1#
141	70.1	48.2	72.2



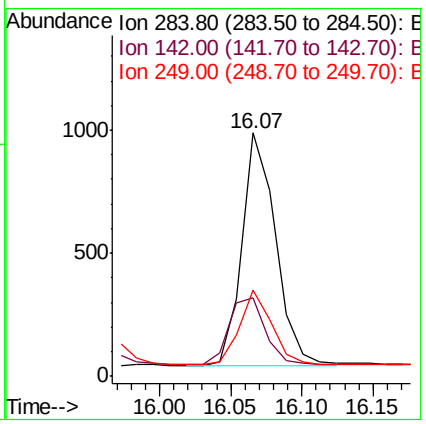


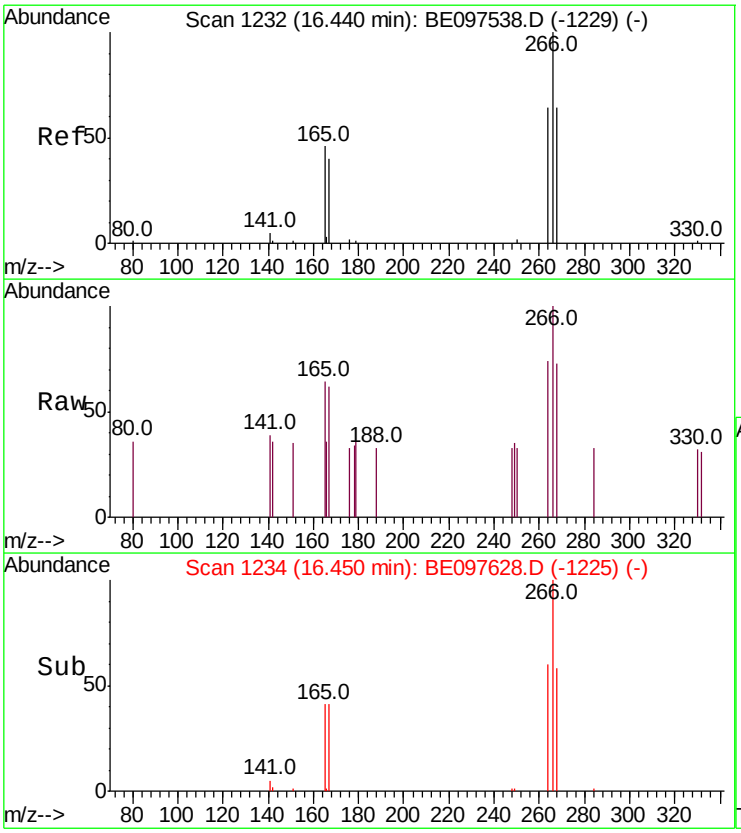
#21
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1545

Ion	Ratio	Lower	Upper
284	100		
142	31.1	22.1	33.1
249	30.4	34.8	52.2#

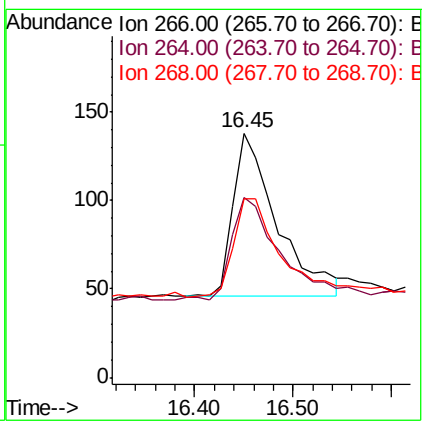


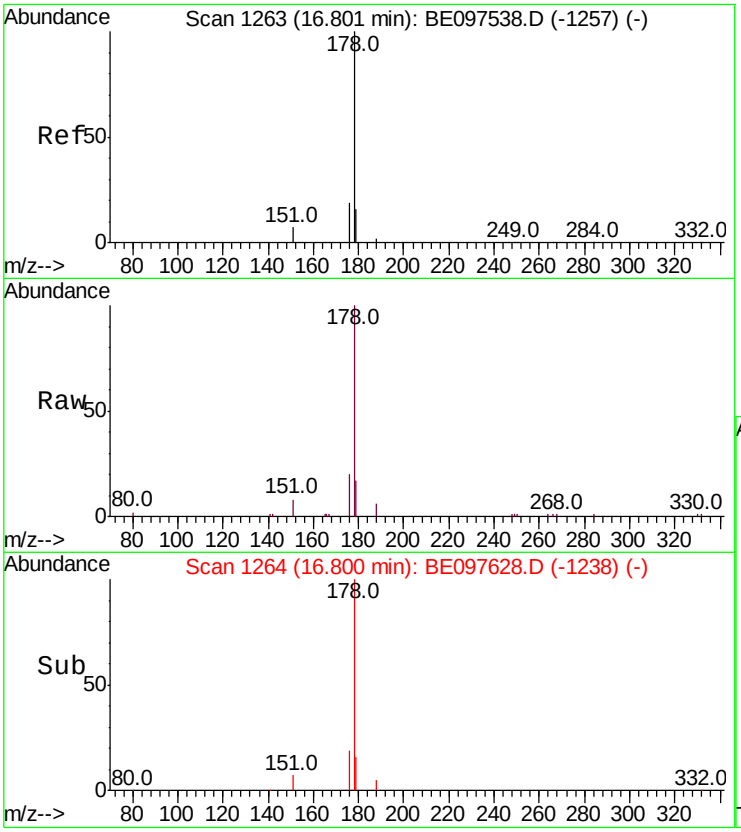


#22
Pentachlorophenol
Concen: 0.295 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:266 Resp: 283

Ion	Ratio	Lower	Upper
266	100		
264	73.9	72.5	108.7
268	73.2	73.8	110.6#



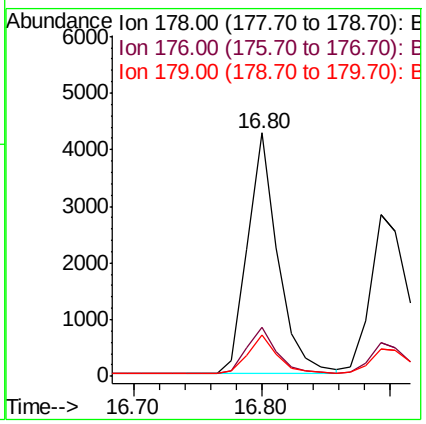


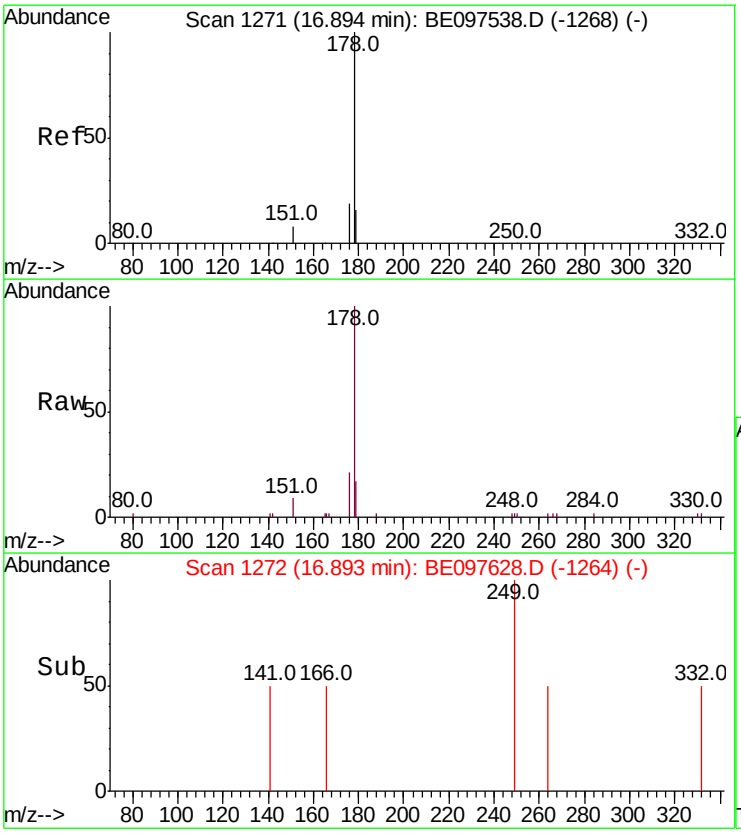
#23
Phenanthrene
Concen: 0.385 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7043

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.7	11.8	17.6

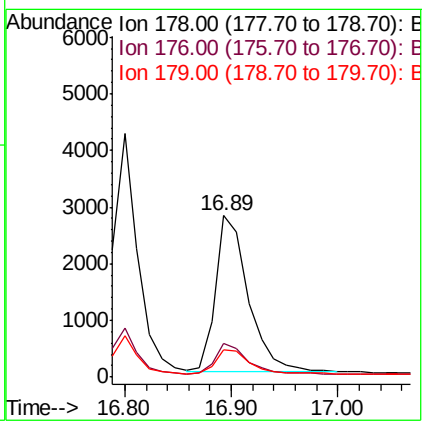


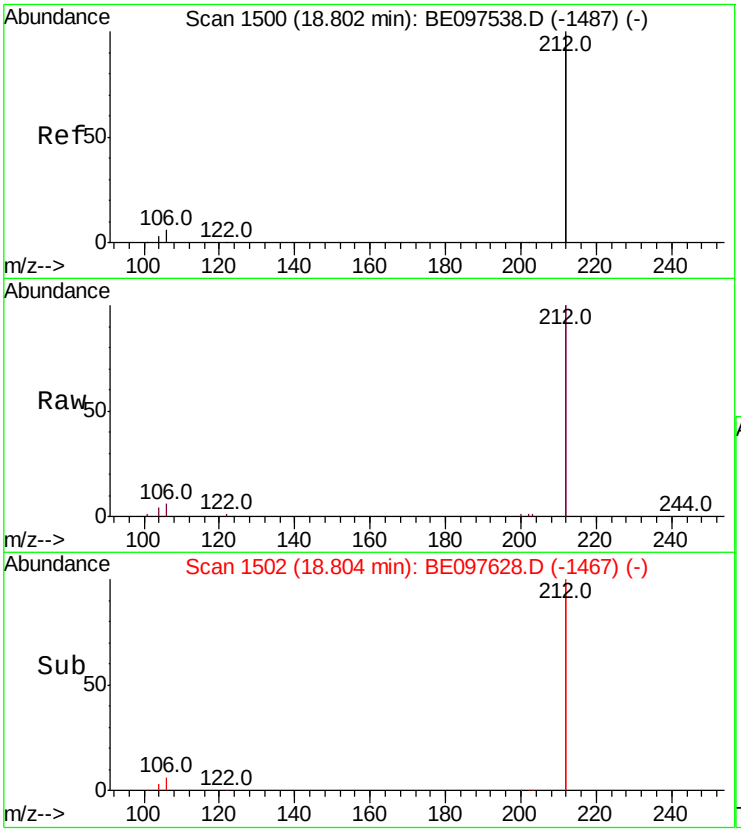


#24
Anthracene
Concen: 0.360 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:178 Resp: 5807

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



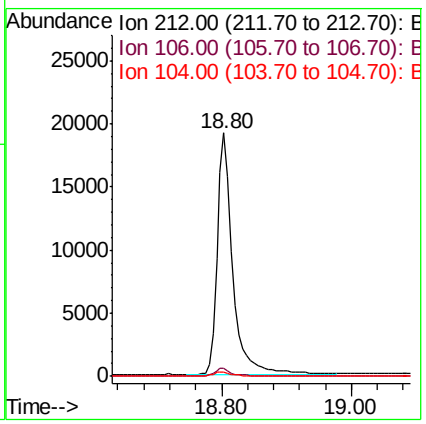


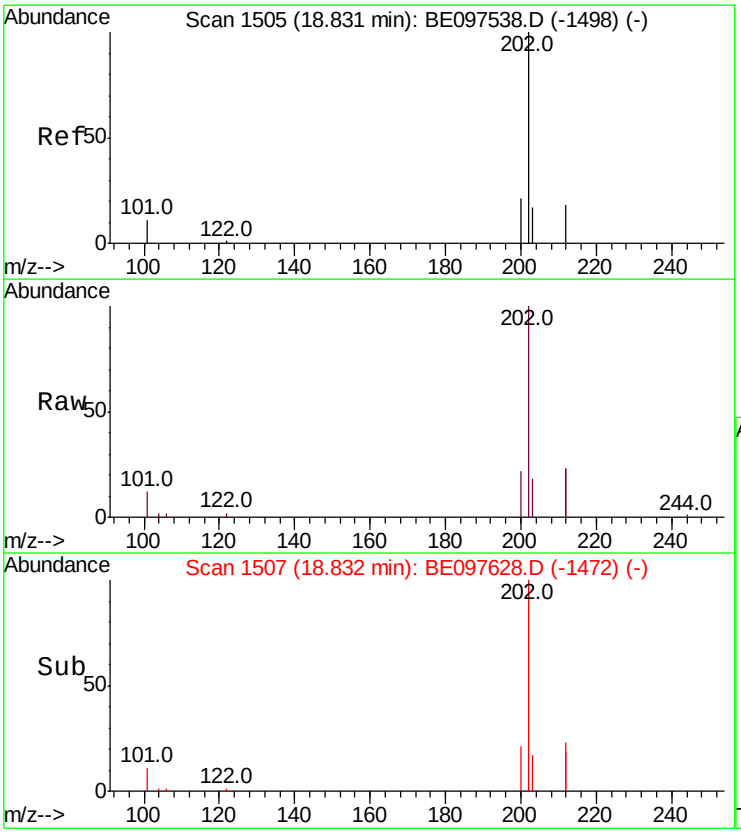
#25
Fluoranthene-d10
Concen: 0.324 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 31890

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

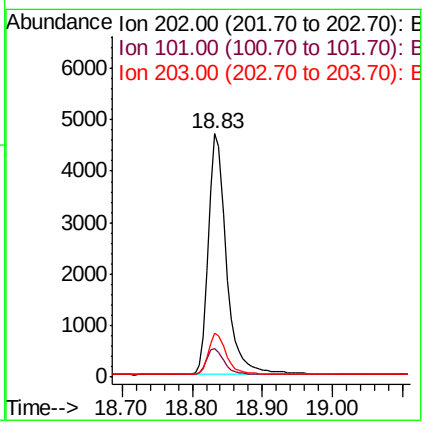


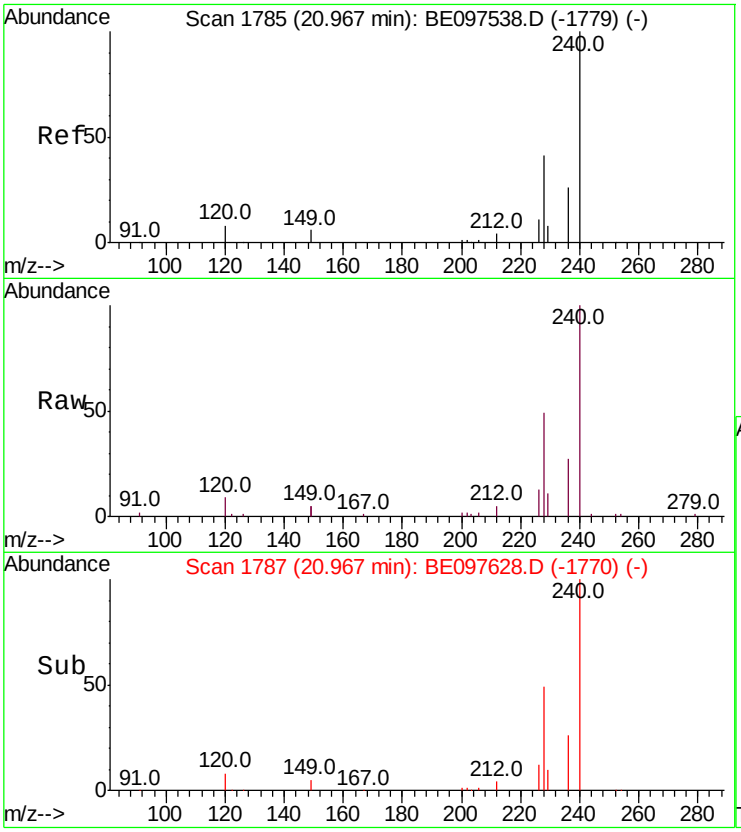


#26
Fluoranthene
Concen: 0.331 ng
RT: 18.83 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:202 Resp: 8385

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.8
203	17.1	13.7	20.5



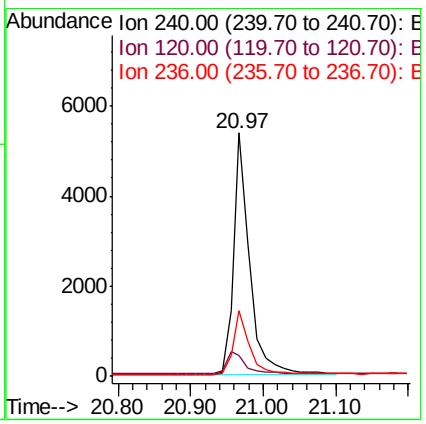


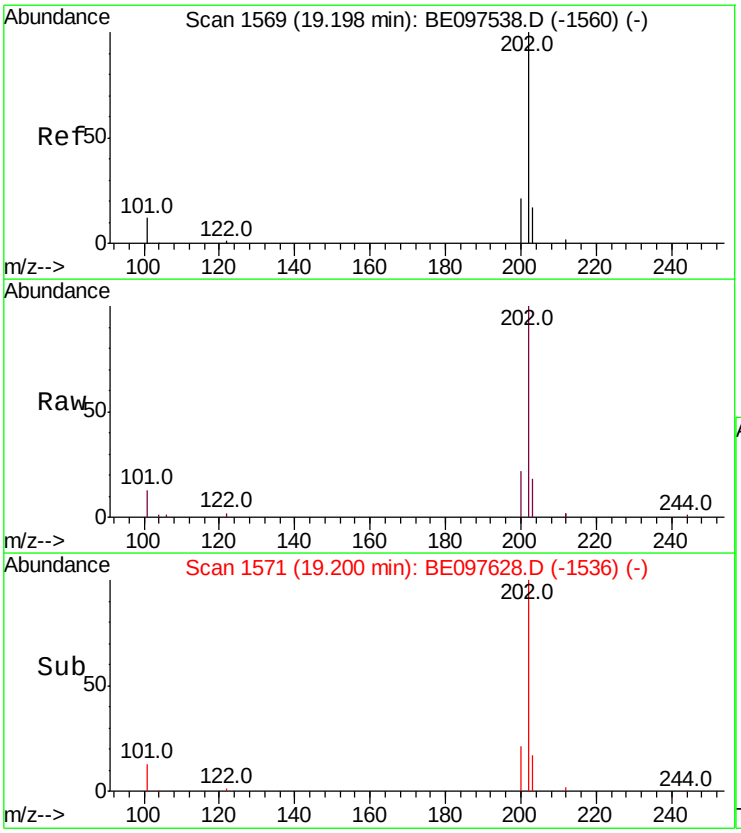
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8324

Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.5	8.3#
236	27.1	20.7	31.1

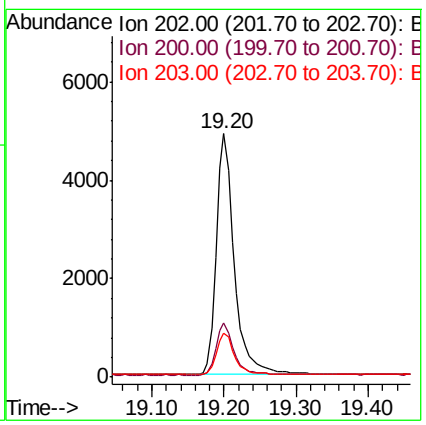


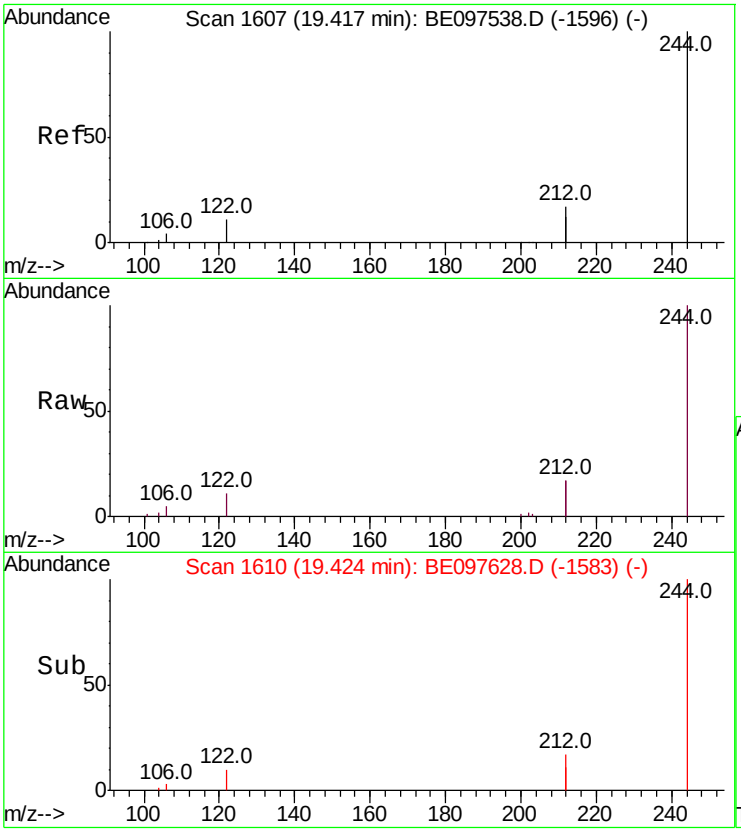


#28
Pyrene
Concen: 0.447 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:202 Resp: 8472

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



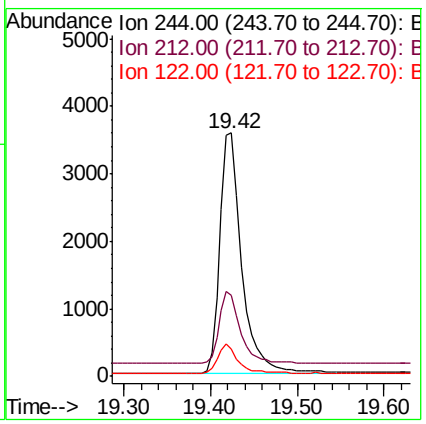


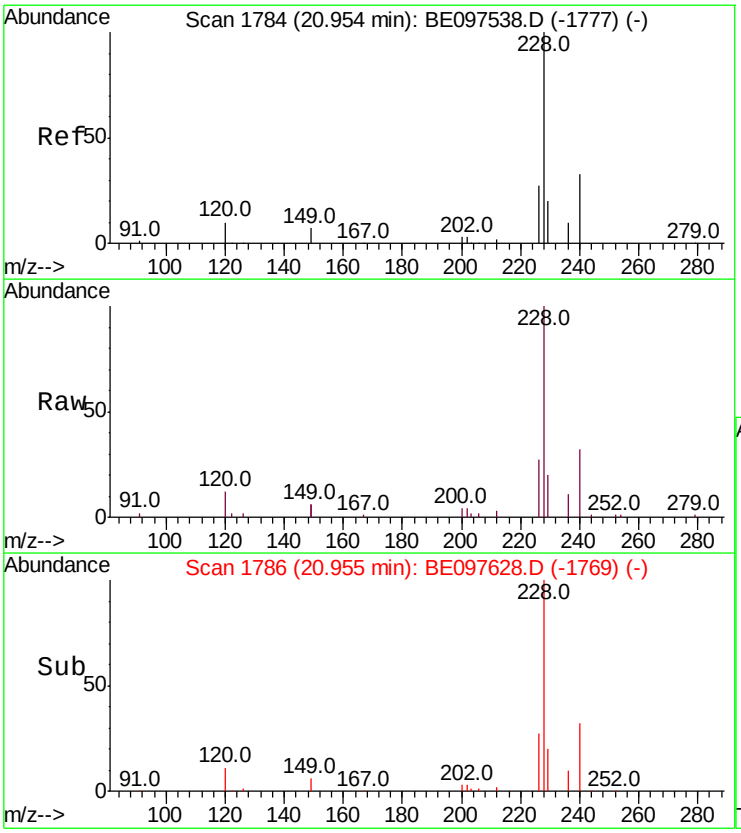
#29
Terphenyl-d14
Concen: 0.413 ng
RT: 19.42 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6288

Ion	Ratio	Lower	Upper
244	100		
212	33.5	25.4	38.0
122	11.1	8.1	12.1

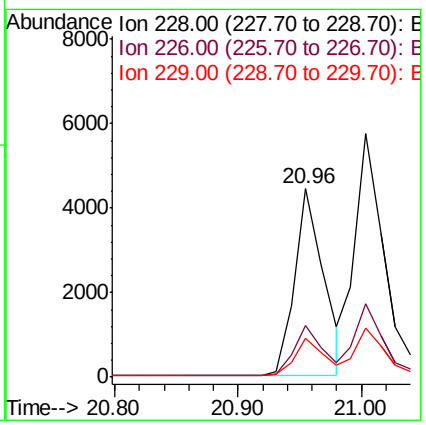


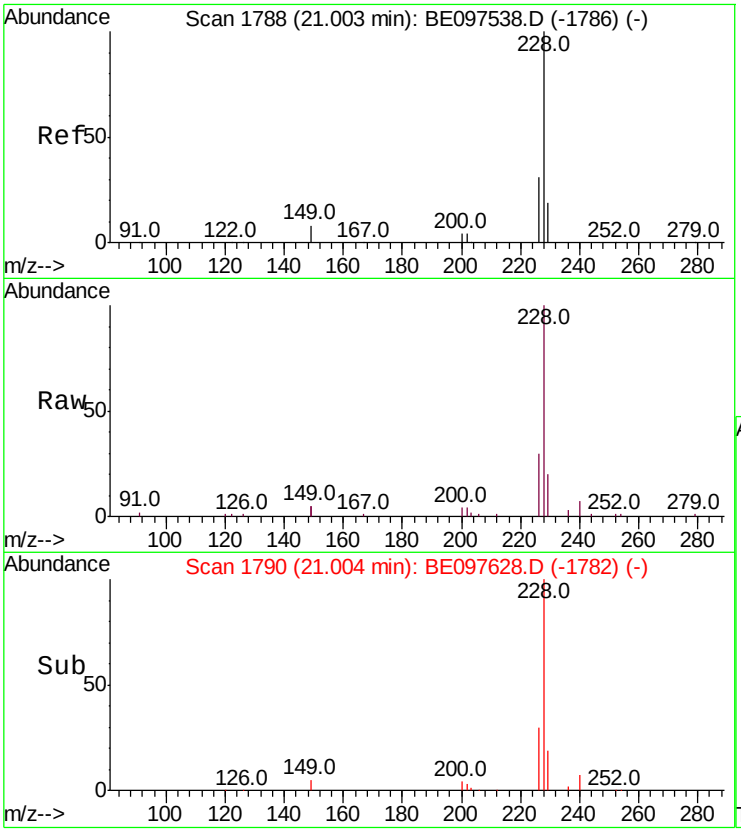


#30
Benzo(a)anthracene
Concen: 0.343 ng
RT: 20.96 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:228 Resp: 7193

Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.0	36.0
229	20.4	16.0	24.0



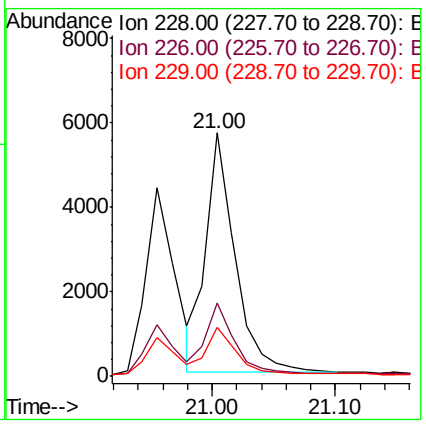


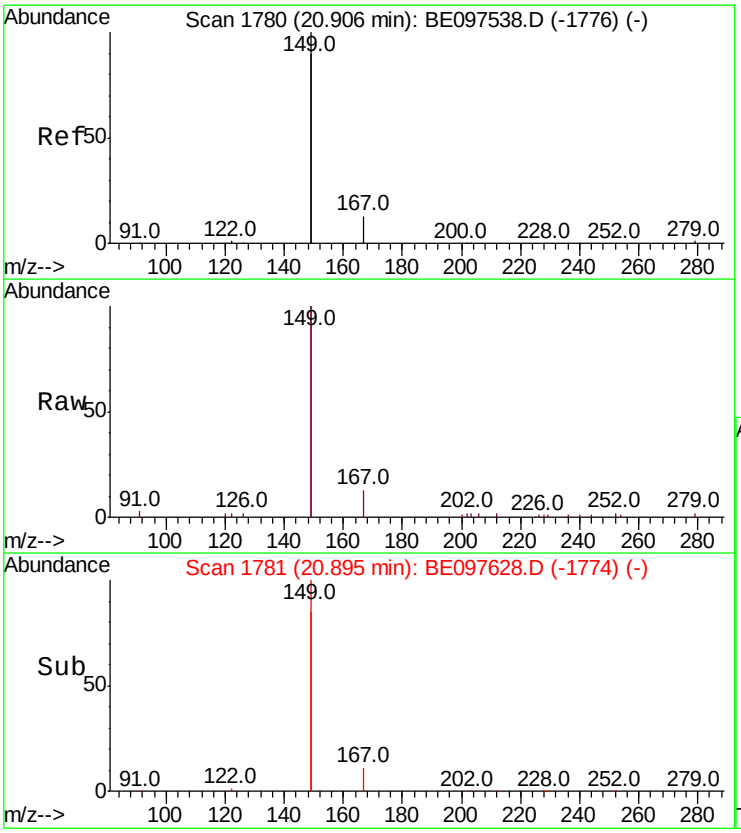
#31
Chrysene
Concen: 0.413 ng
RT: 21.00 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9292

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	20.1	16.0	24.0

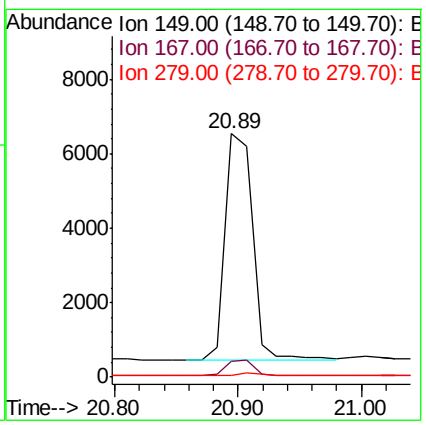


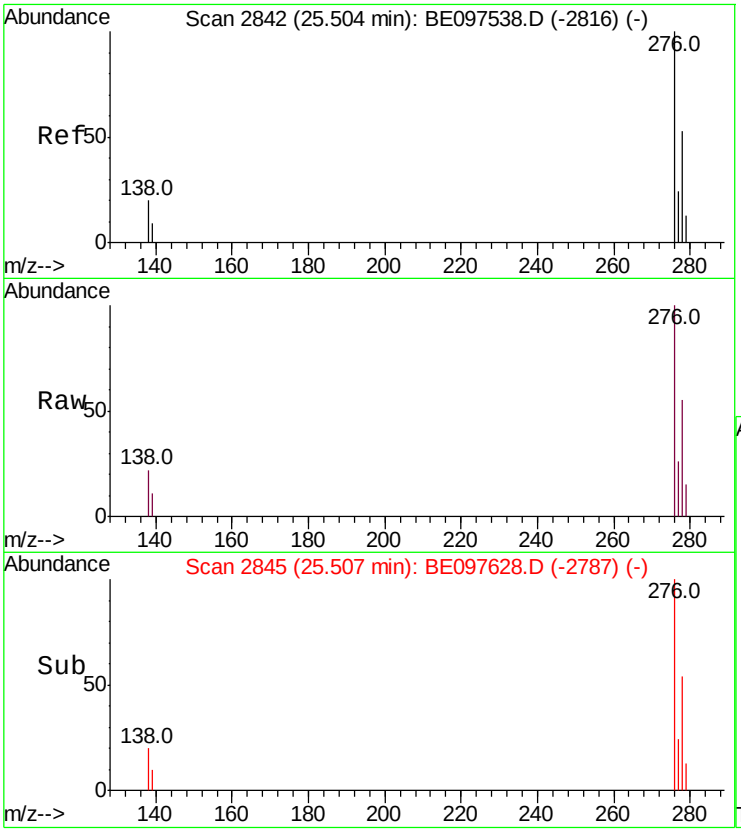


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.280 ng
RT: 20.89 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:149 Resp: 9476

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



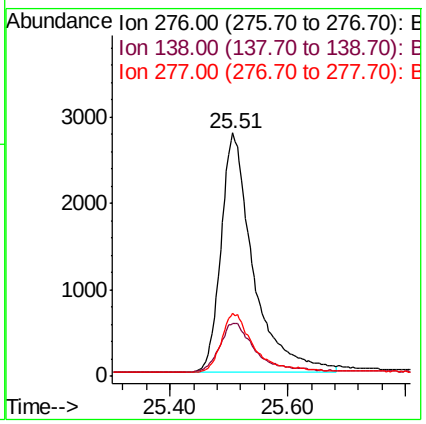


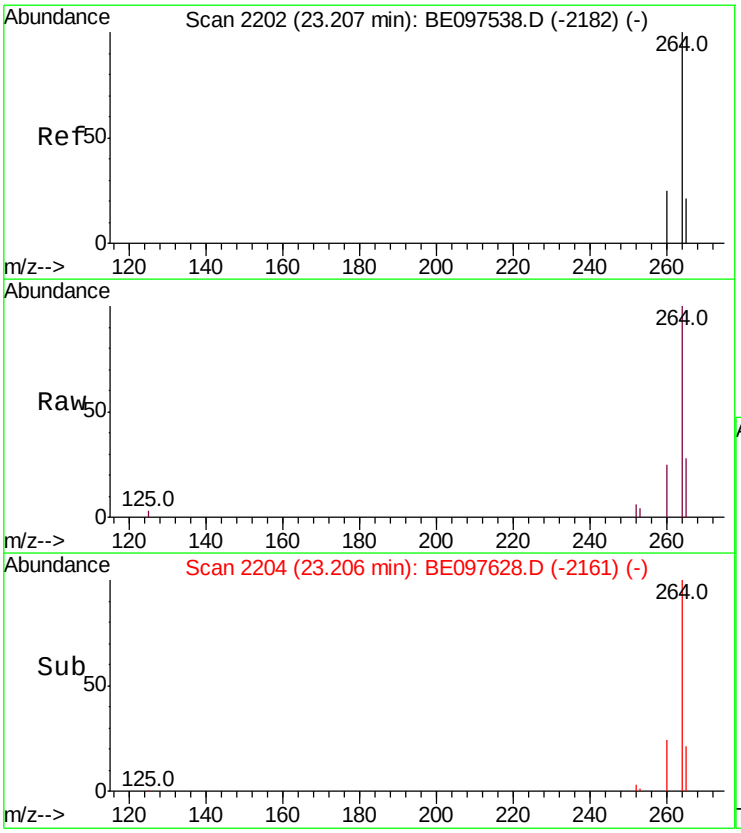
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 25.51 min Scan# 2845
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10567

Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.5	33.7#
277	23.9	19.9	29.9

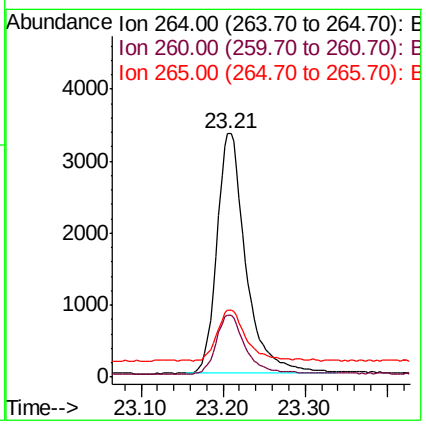


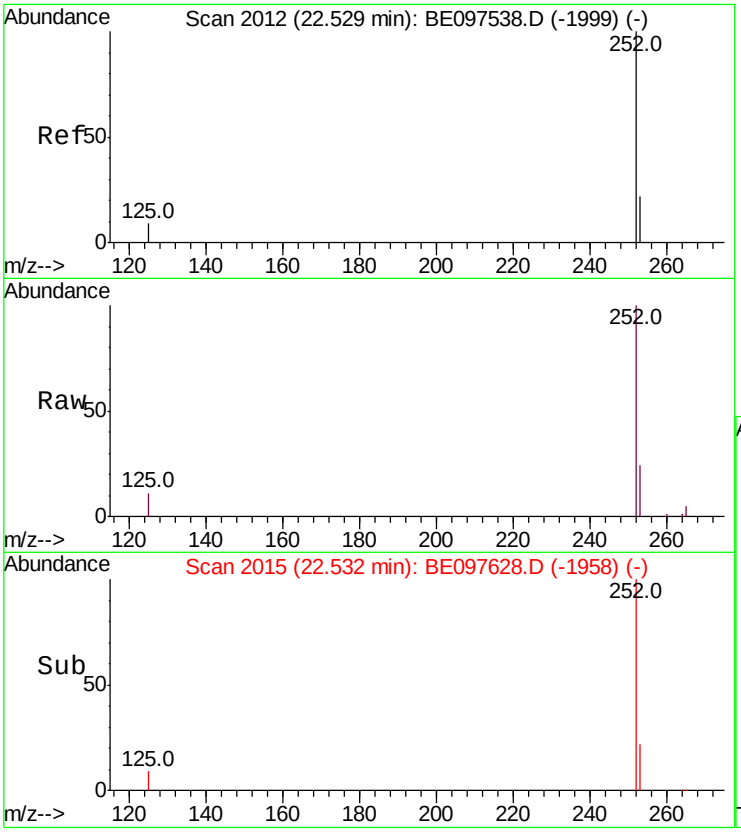


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:264 Resp: 8186

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	27.7	22.8	34.2



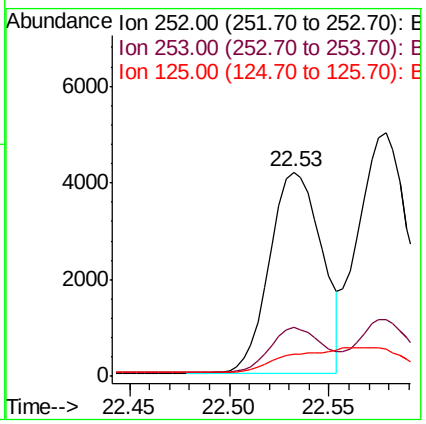


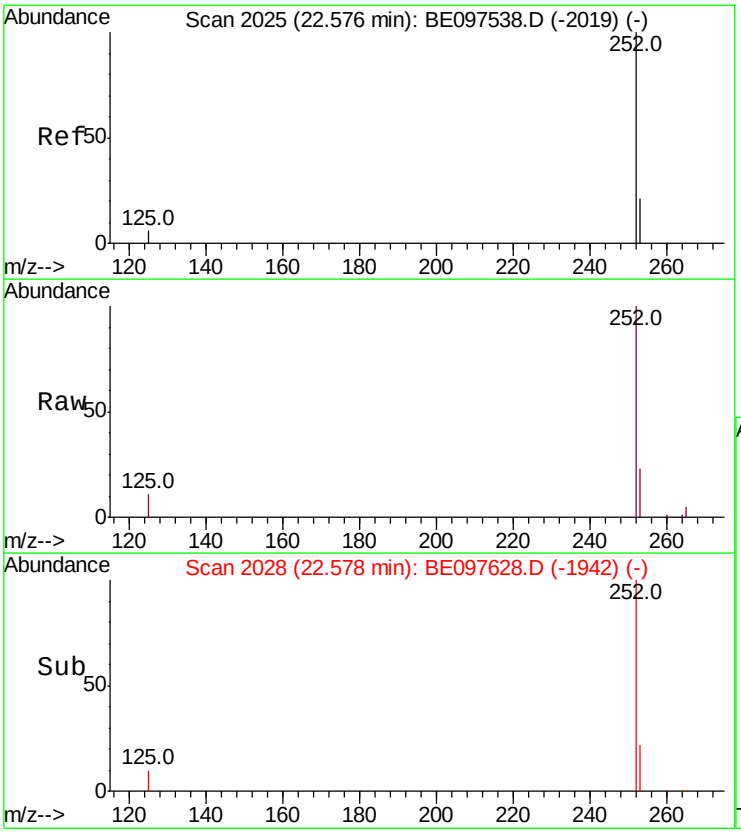
#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 22.53 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7577

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.0	30.0
125	10.9	16.0	24.0#

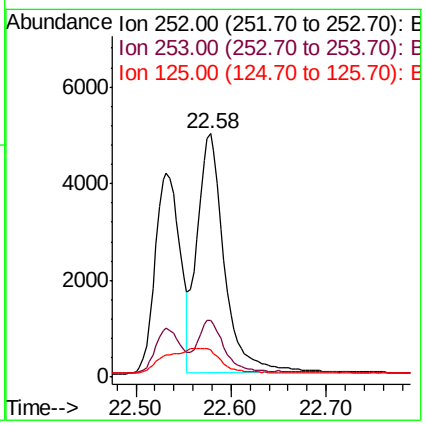


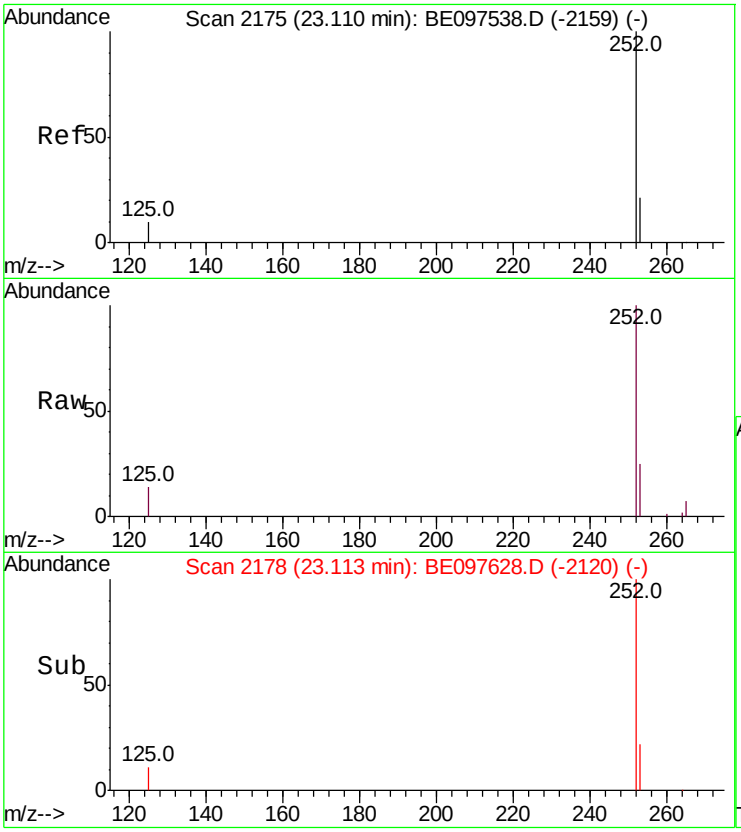


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:252 Resp: 9871

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	11.2	8.0	12.0



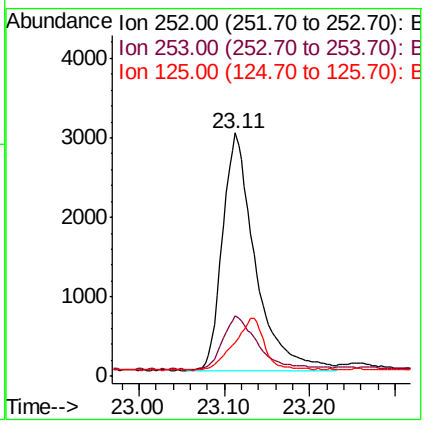


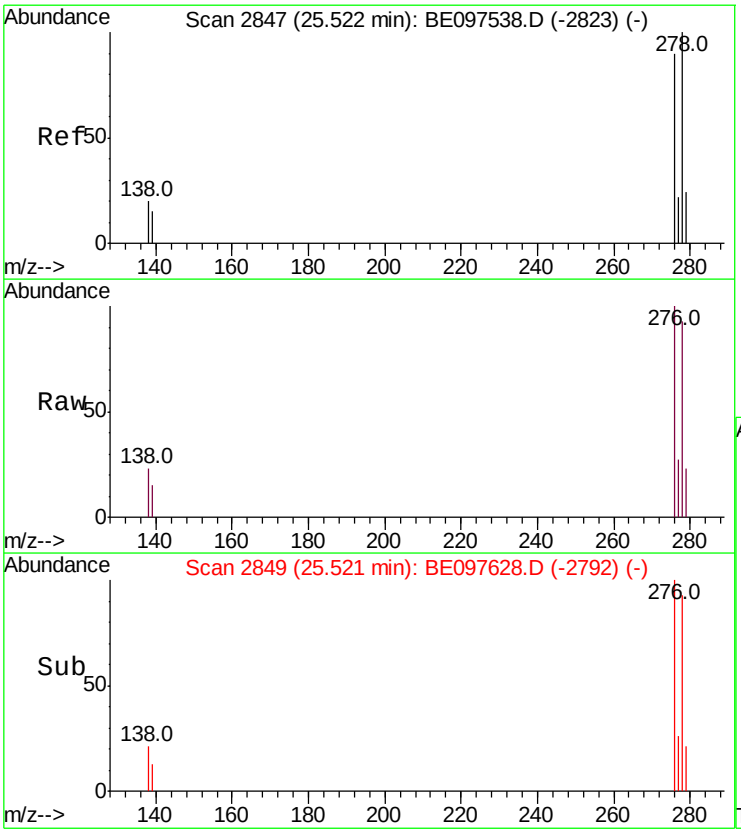
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.11 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7948

Ion	Ratio	Lower	Upper
252	100		
253	25.0	16.0	24.0#
125	13.8	12.0	18.0

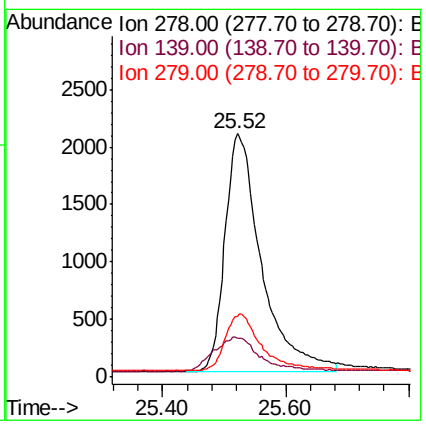


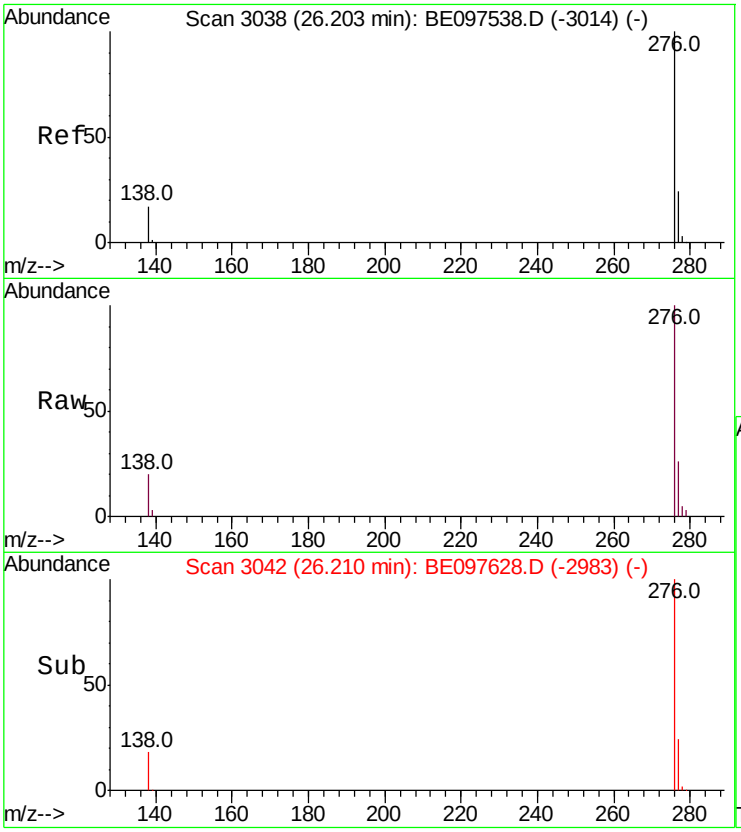


#38
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 25.52 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:278 Resp: 8563

Ion	Ratio	Lower	Upper
278	100		
139	16.1	16.0	24.0
279	25.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 26.21 min Scan# 3042
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8350

Ion	Ratio	Lower	Upper
276	100		
277	25.5	16.0	24.0#
138	20.2	20.0	30.0