Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097536.D
Acq On : 19 Sep 2018 12:29
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 19 15:48:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 15:47:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	778	0.40	ng		-0.01
7) Naphthalene-d8	10.12	136	3613	0.40	ng		-0.01
13) Acenaphthene-d10	14.00	164	1996	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	5848	0.40	ng		0.00
27) Chrysene-d12	20.97	240	9384	0.40	ng		0.00
34) Perylene-d12	23.20	264	9923	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	287	0.11	ng		0.00
5) Phenol-d6	6.61	99	348	0.10	ng		0.01
8) Nitrobenzene-d5	8.53	82	325	0.11	ng		0.01
11) 2-Methylnaphthalene-d10	11.72	152	520	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	99	0.09	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	812	0.12	ng		0.00
25) Fluoranthene-d10	18.80	212	8243	0.12	ng		0.00
29) Terphenyl-d14	19.42	244	1976	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	189	0.140	ng	#	79
3) n-Nitrosodimethylamine	3.37	42	177	0.157	ng	#	76
6) bis(2-Chloroethyl)ether	6.83	93	331	0.124	ng		75
9) Naphthalene	10.17	128	3559	0.109	ng	#	95
10) Hexachlorobutadiene	10.46	225	168	0.108	ng		95
12) 2-Methylnaphthalene	11.79	142	557	0.106	ng	#	92
16) Acenaphthylene	13.72	152	824	0.095	ng		95
17) Acenaphthene	14.06	154	574	0.107	ng		97
18) Fluorene	15.06	166	751	0.110	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	278	0.098	ng	#	78
21) Hexachlorobenzene	16.08	284	306	0.102	ng	#	83
22) Pentachlorophenol	16.37	266	4	0.008	ng		95
23) Phenanthrene	16.80	178	1536	0.112	ng		99
24) Anthracene	16.89	178	1379	0.109	ng		97
26) Fluoranthene	18.83	202	2105	0.117	ng		98
28) Pyrene	19.20	202	2313	0.096	ng		99
30) Benzo(a)anthracene	20.95	228	2673	0.108	ng		98
31) Chrysene	21.00	228	2825	0.112	ng		95
32) Bis(2-ethylhexyl)phthalate	20.91	149	9337	0.178	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	3354	0.111	ng		98
35) Benzo(b)fluoranthene	22.54	252	2766	0.109	ng	#	77
36) Benzo(k)fluoranthene	22.58	252	3319	0.120	ng	#	1
37) Benzo(a)pyrene	23.11	252	3388	0.134	ng	#	54
38) Dibenzo(a,h)anthracene	25.54	278	2787	0.106	ng	#	90
39) Benzo(g,h,i)perylene	26.21	276	2647	0.099	ng	#	90

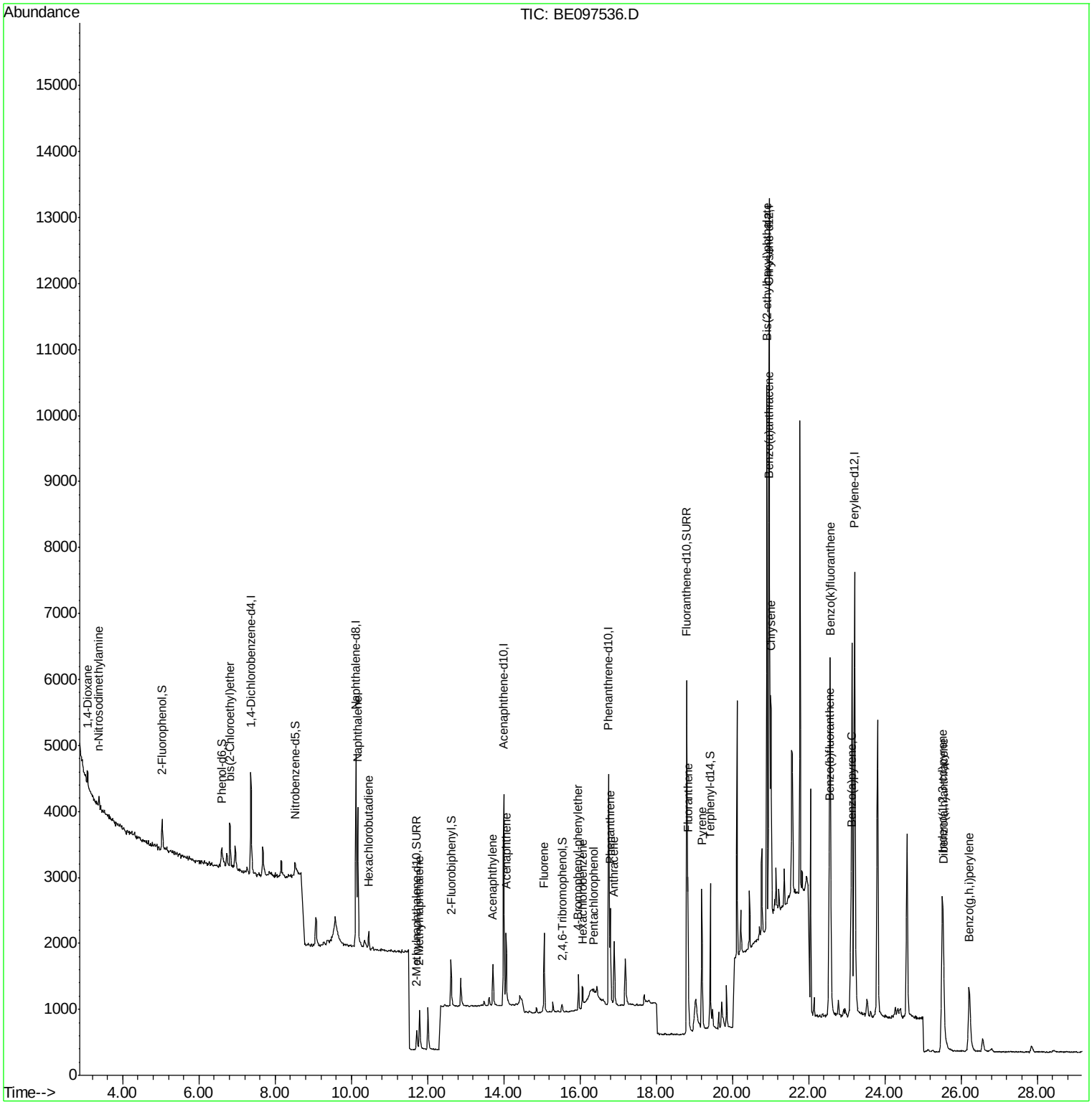
(#) = qualifier out of range (m) = manual integration (+) = signals summed

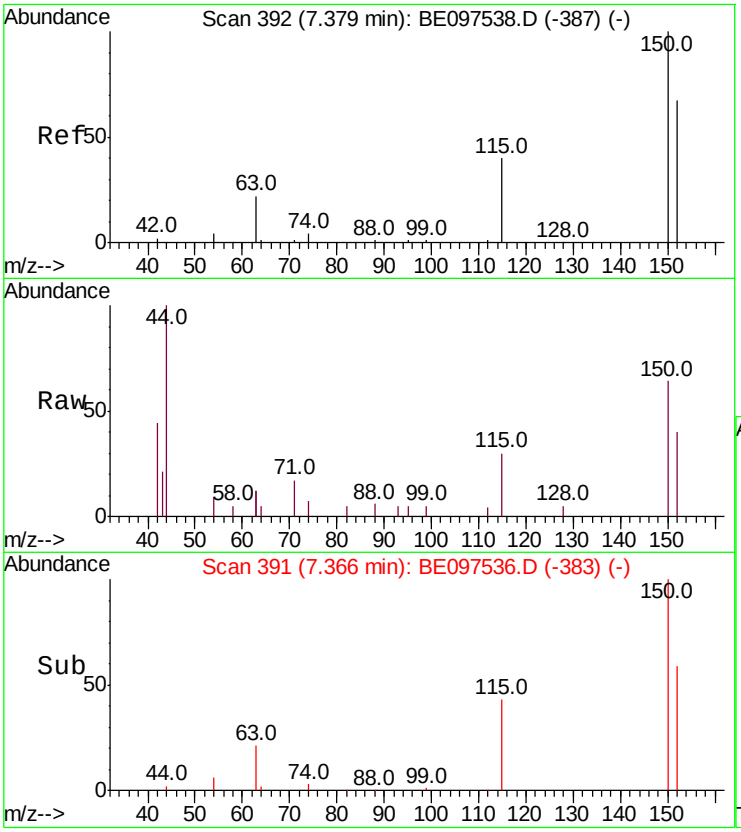
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097536.D
Acq On : 19 Sep 2018 12:29
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 19 15:48:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 15:47:52 2018
Response via : Initial Calibration



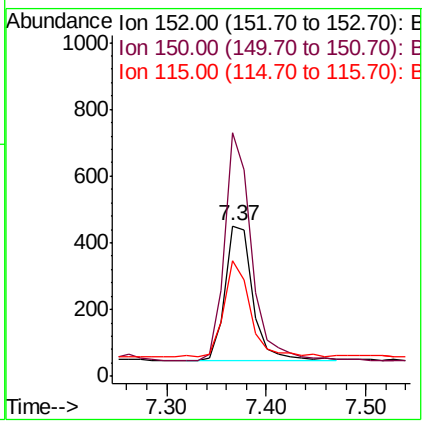


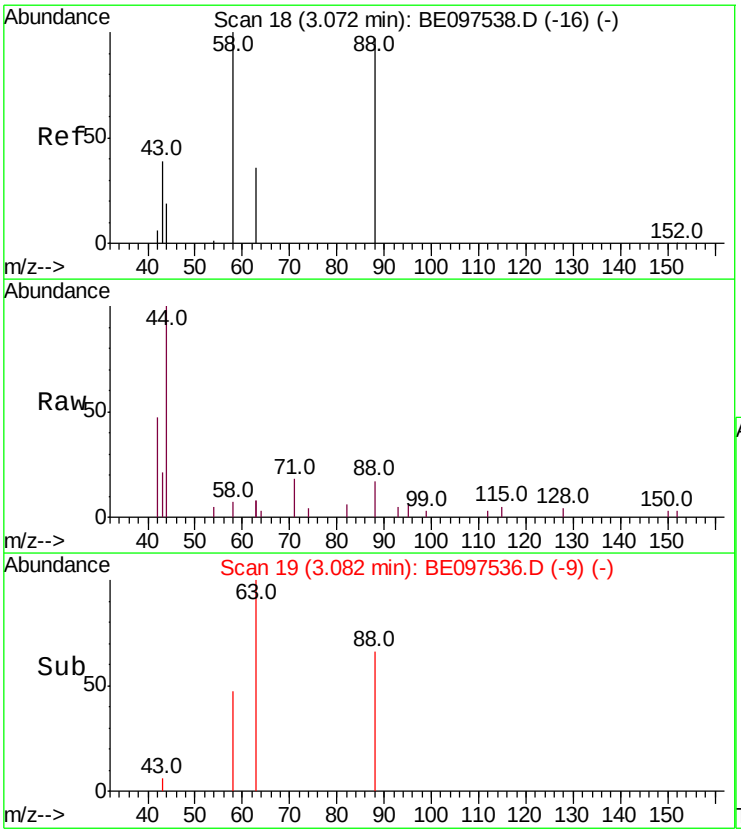
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 778

Ion	Ratio	Lower	Upper
152	100		
150	162.0	117.2	175.8
115	76.7	57.0	85.6

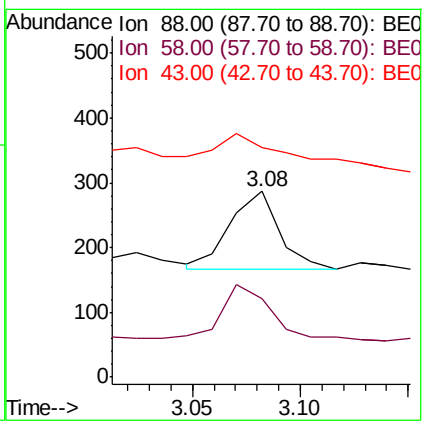


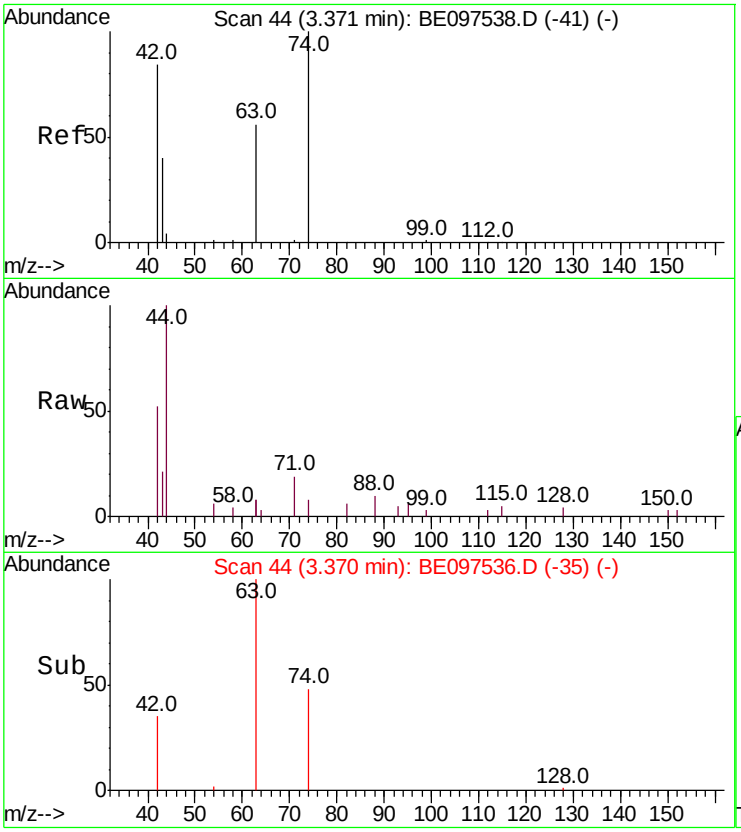


#2
1,4-Dioxane
Concen: 0.140 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion: 88 Resp: 189

Ion	Ratio	Lower	Upper
88	100		
58	65.6	63.2	94.8
43	30.7	41.2	61.8#



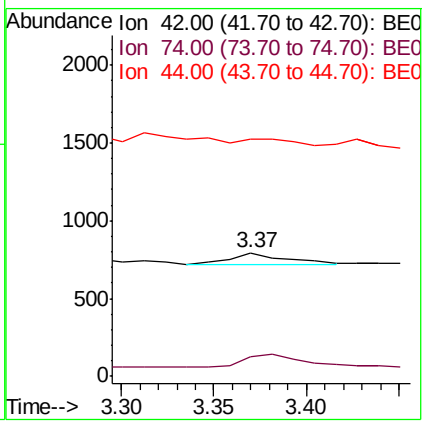


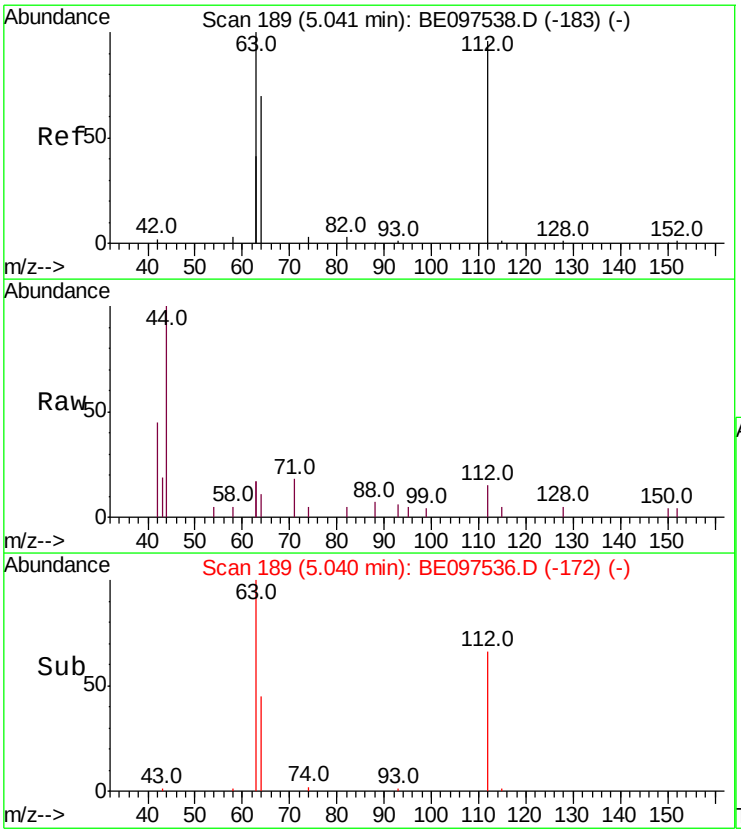
#3
n-Nitrosodimethylamine
Concen: 0.157 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 177

Ion	Ratio	Lower	Upper
42	100		
74	95.5	96.0	144.0#
44	0.0	12.0	18.0#

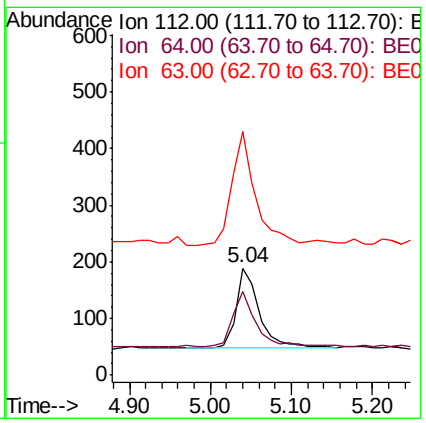


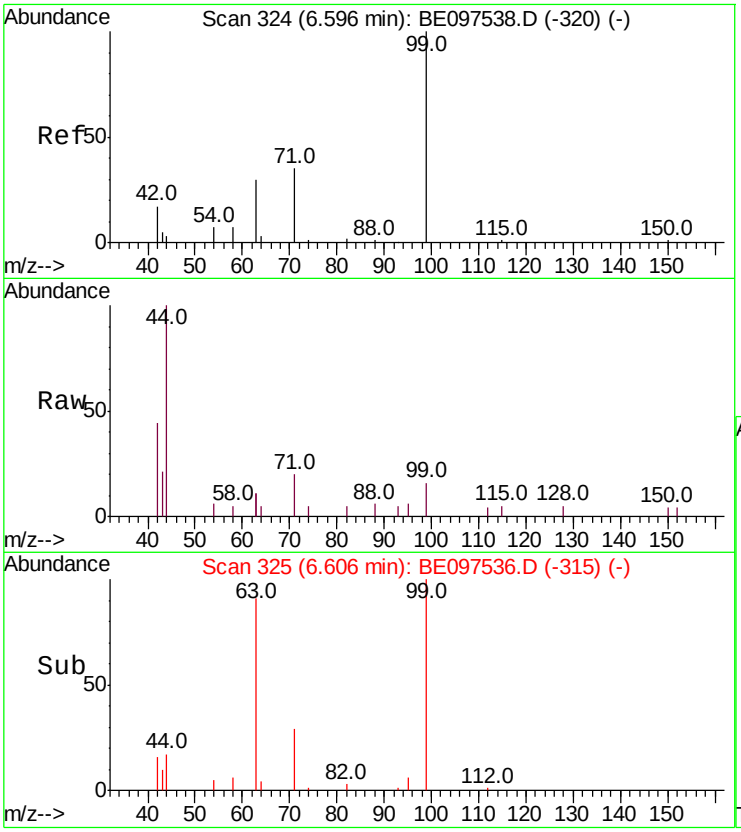


#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:112 Resp: 287

Ion	Ratio	Lower	Upper
112	100		
64	65.9	60.1	90.1
63	141.1	116.8	175.2



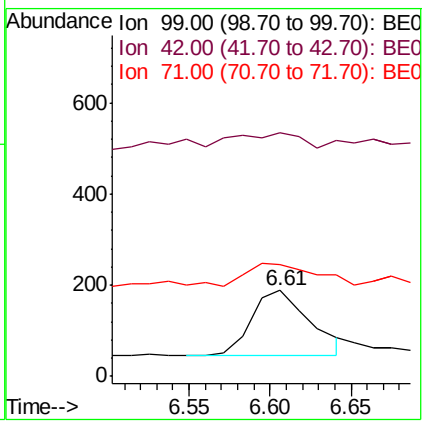


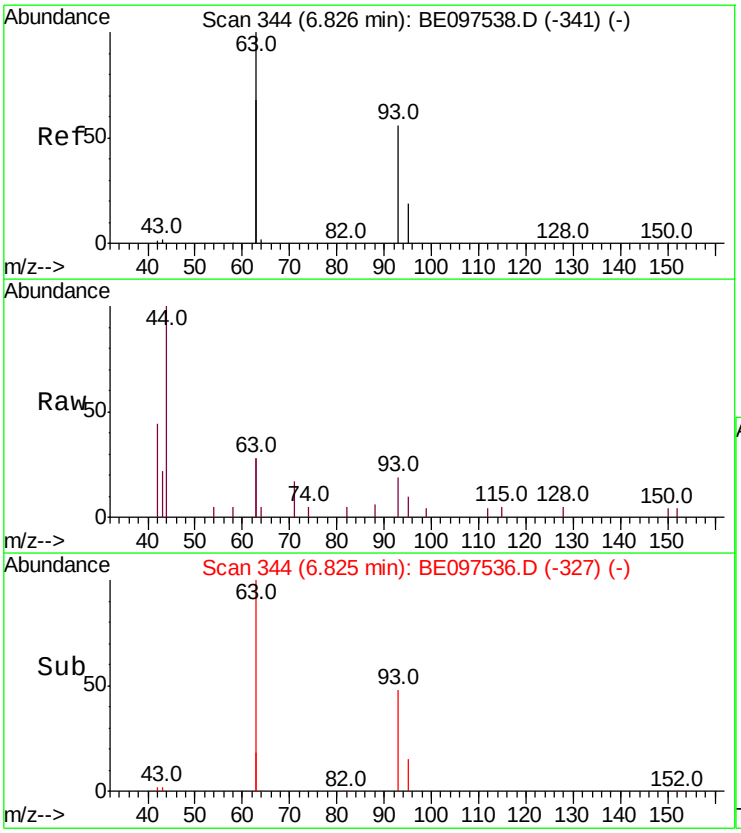
#5
Phenol-d6
Concen: 0.104 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.01 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 348

Ion	Ratio	Lower	Upper
99	100		
42	44.3	20.2	30.2#
71	39.9	28.4	42.6

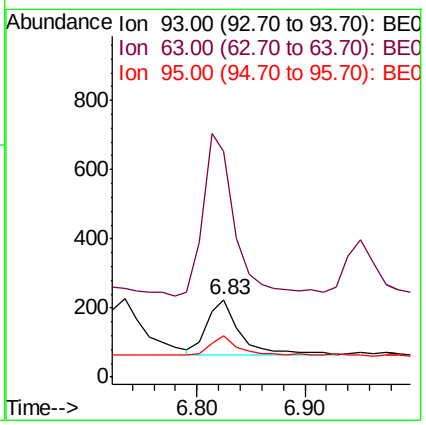


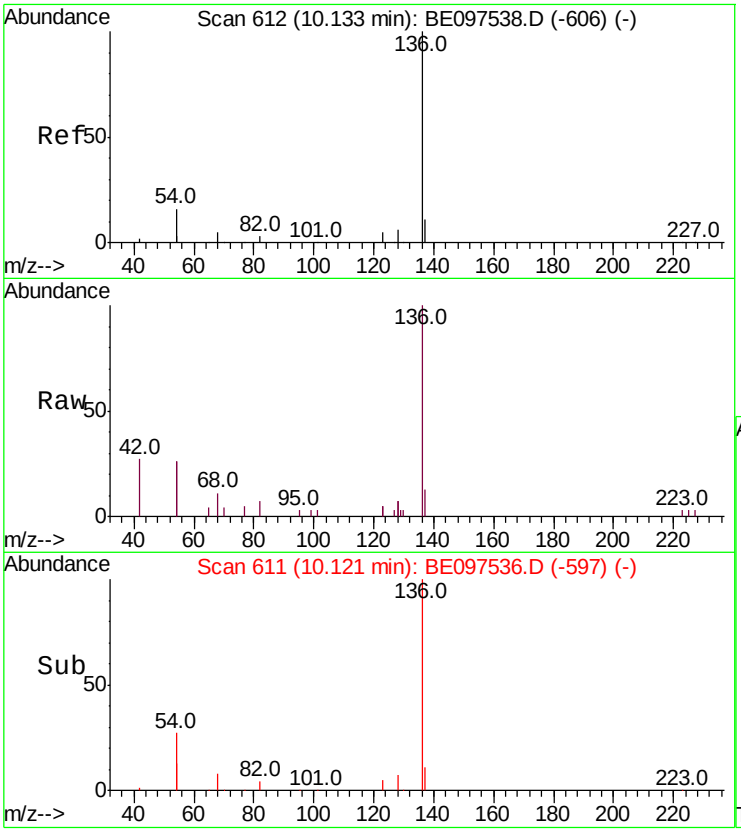


#6
bis(2-Chloroethyl)ether
Concen: 0.124 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion: 93 Resp: 331

Ion	Ratio	Lower	Upper
93	100		
63	286.4	275.3	412.9
95	30.8	25.2	37.8



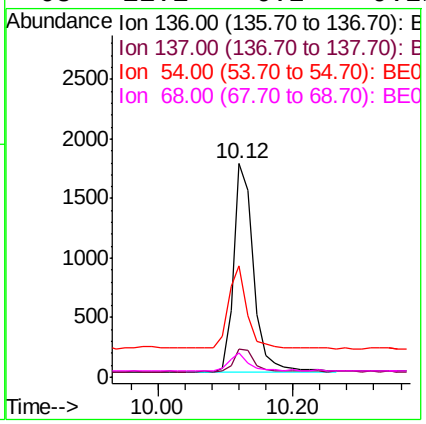


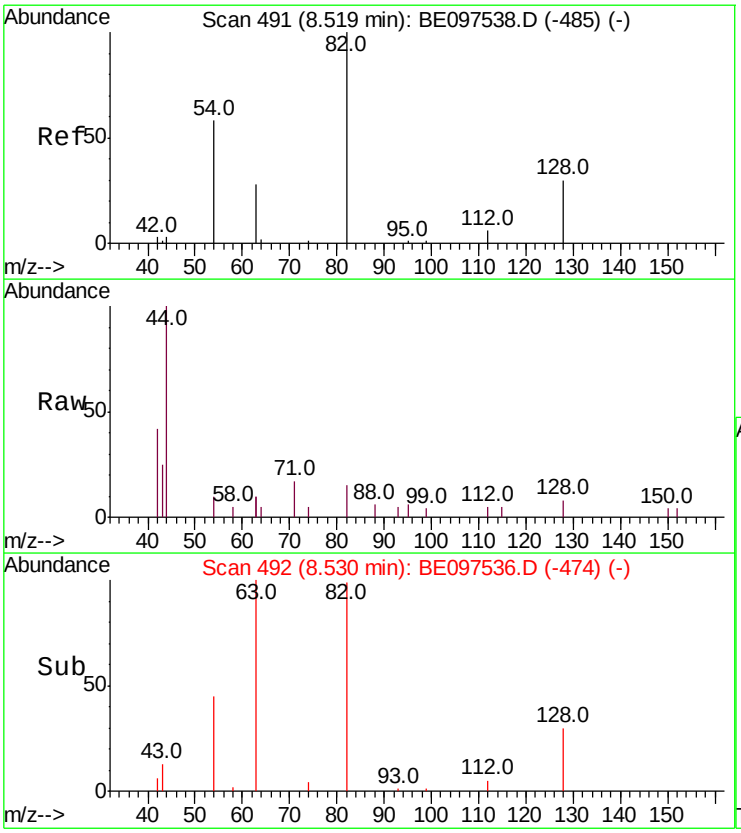
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3613

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	52.2	29.1	43.7#
68	11.1	6.2	9.2#

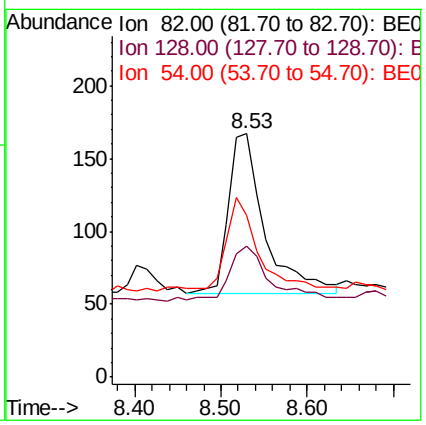


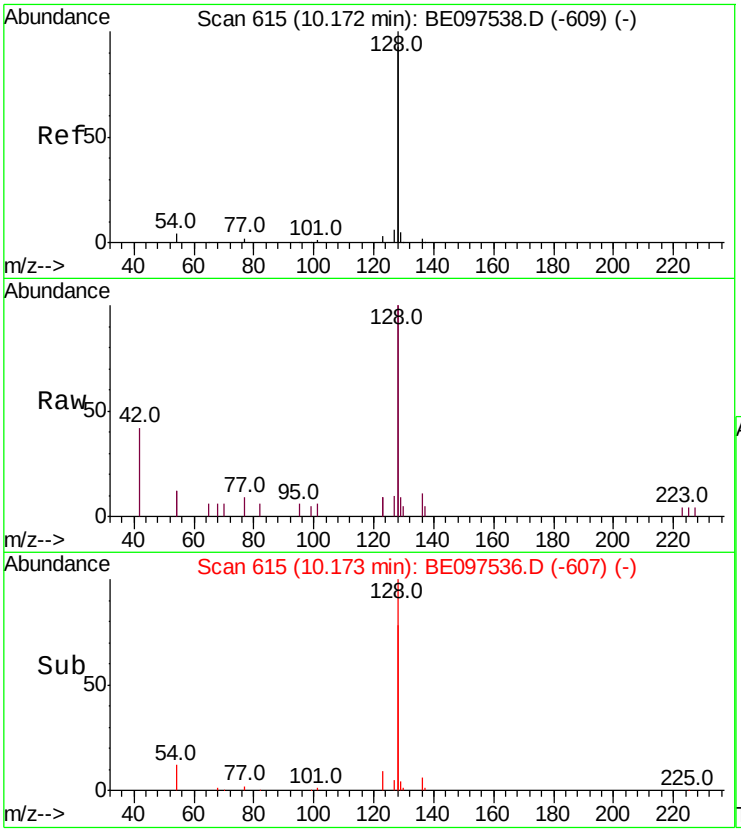


#8
Nitrobenzene-d5
Concen: 0.112 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion: 82 Resp: 325

Ion	Ratio	Lower	Upper
82	100		
128	53.9	24.0	36.0#
54	66.5	40.0	60.0#



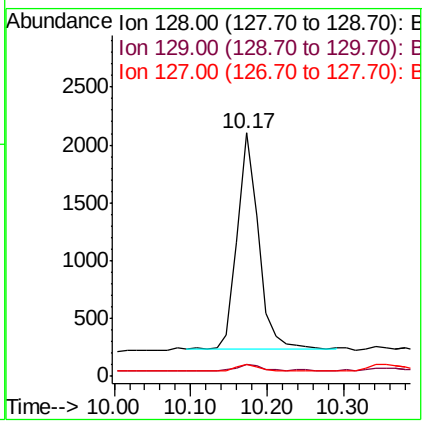


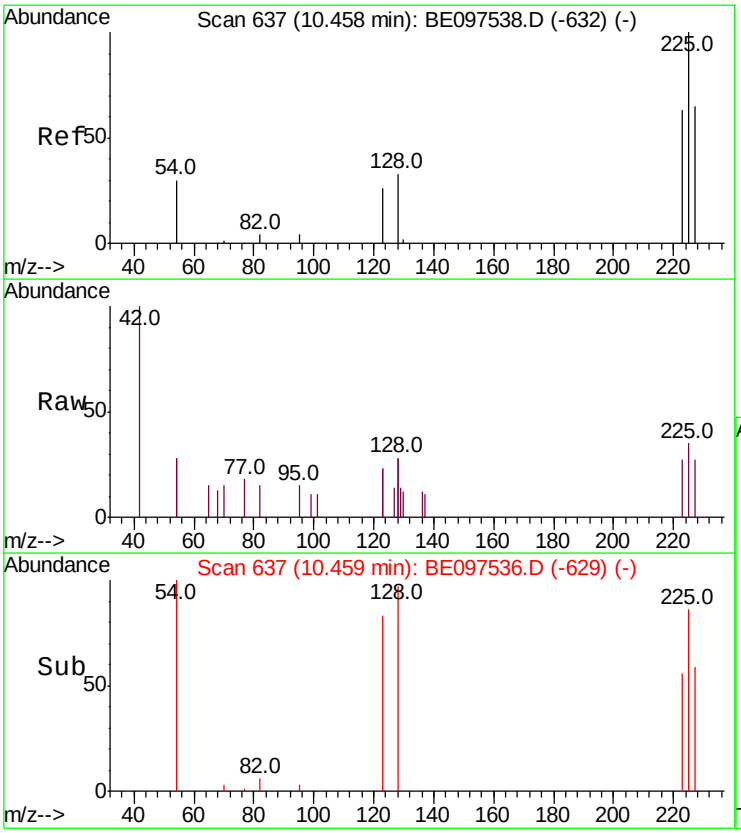
#9
Naphthalene
Concen: 0.109 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3559

Ion	Ratio	Lower	Upper
128	100		
129	4.7	2.6	3.8#
127	5.0	2.8	4.2#

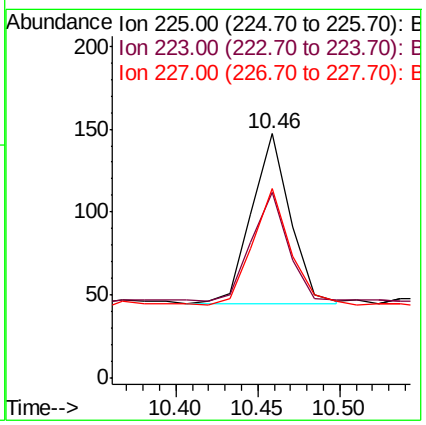


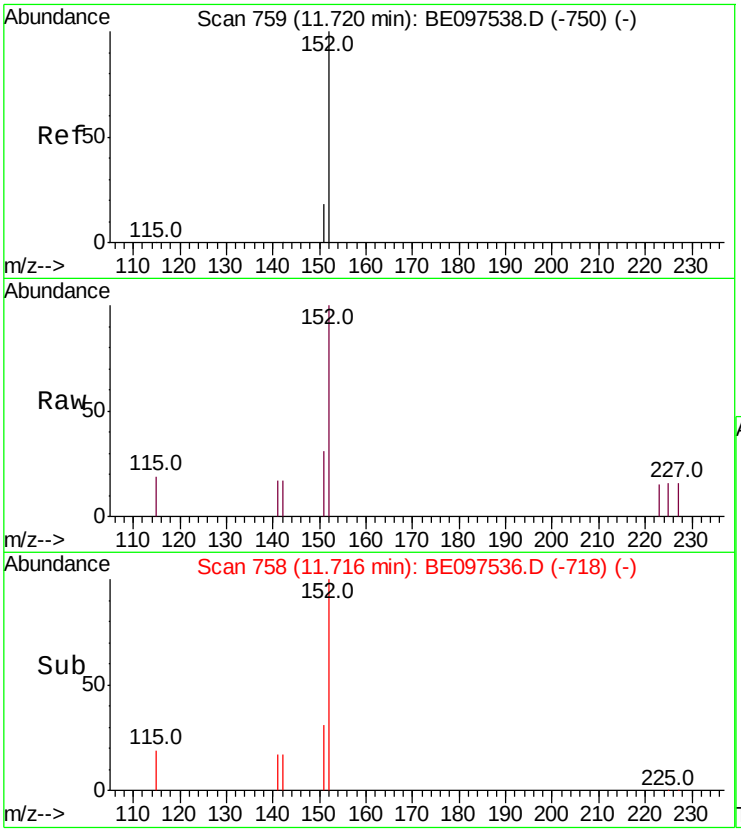


#10
Hexachlorobutadiene
Concen: 0.108 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:225 Resp: 168

Ion	Ratio	Lower	Upper
225	100		
223	58.9	53.0	79.6
227	64.3	51.4	77.2



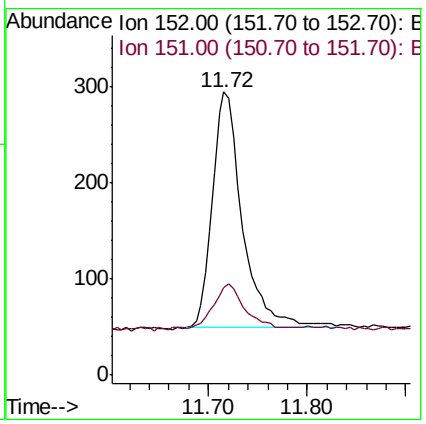


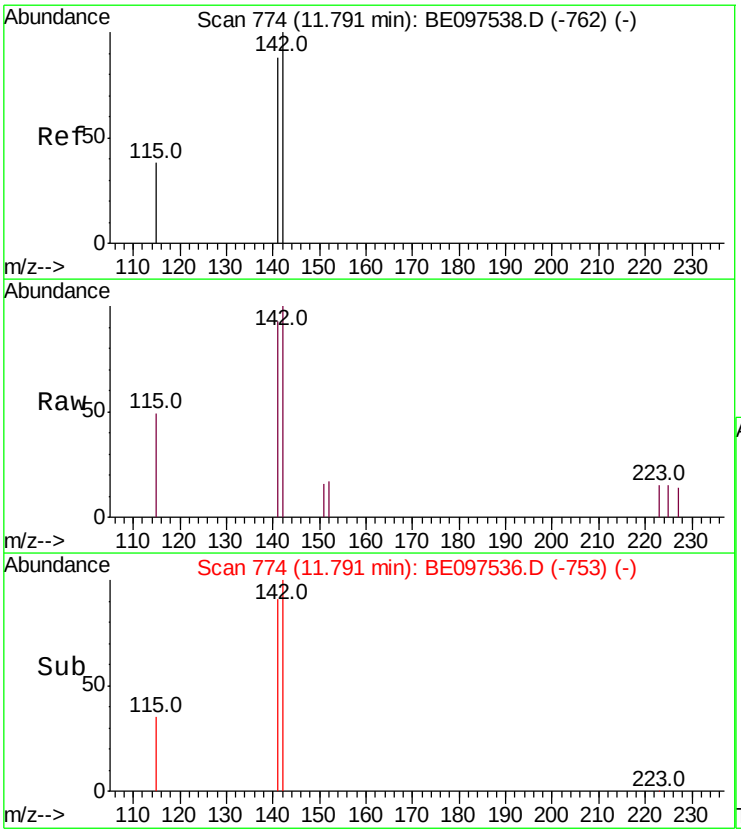
#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 520

Ion	Ratio	Lower	Upper
152	100		
151	17.9	15.4	23.0

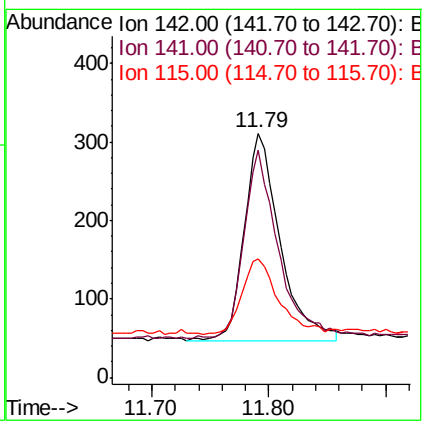


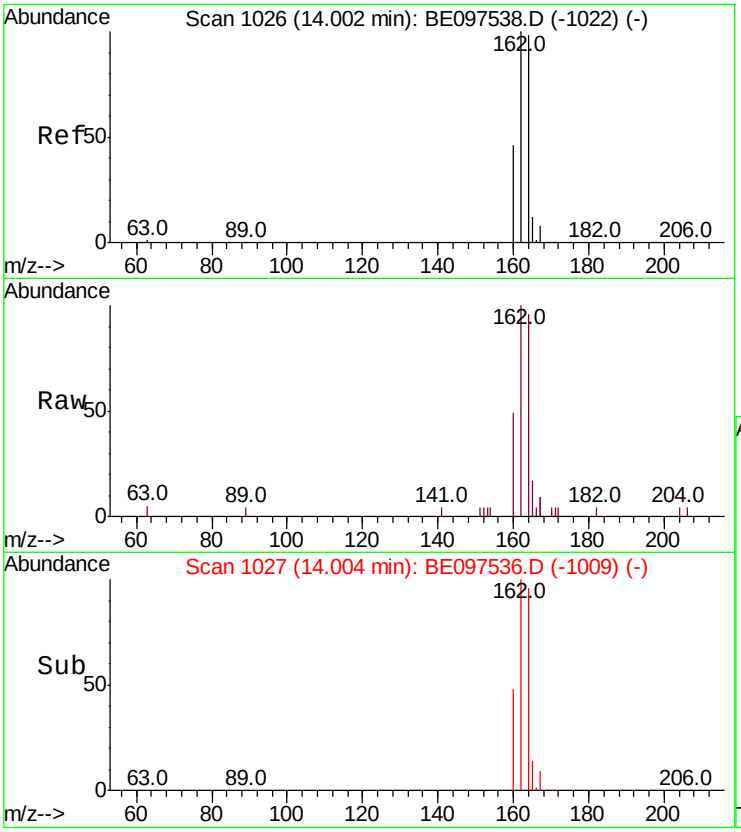


#12
2-Methylnaphthalene
Concen: 0.106 ng
RT: 11.79 min Scan# 774
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:142 Resp: 557

Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.4	105.6
115	48.6	31.7	47.5#



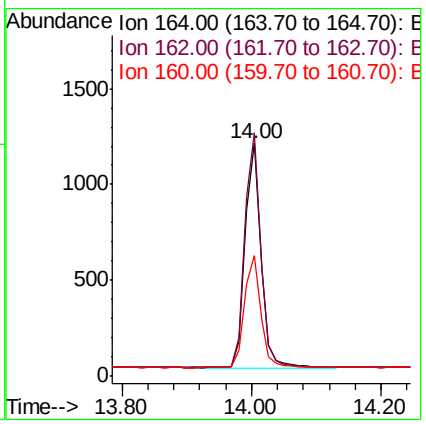


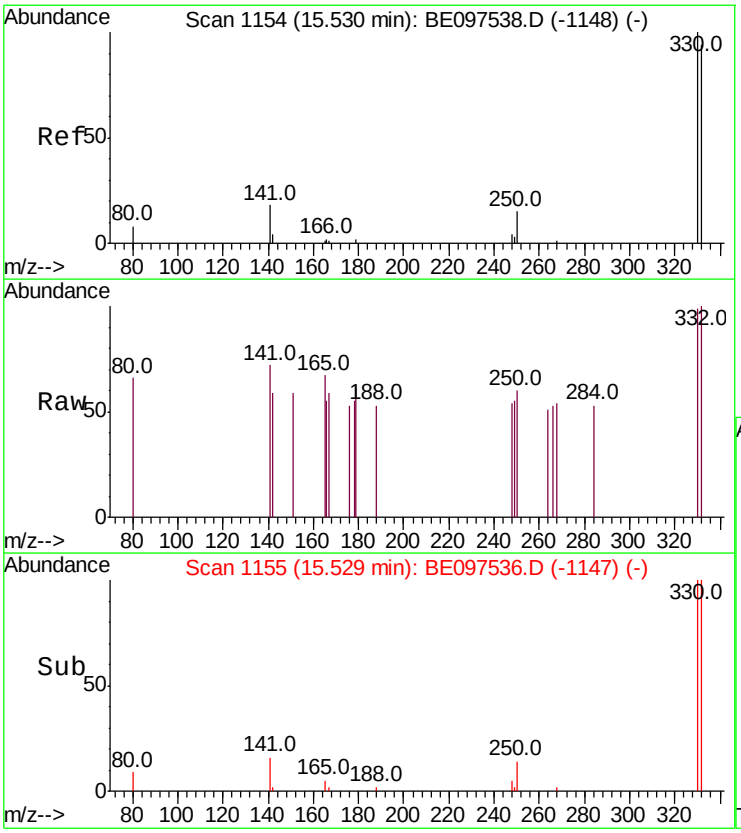
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1996

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.1	124.7
160	51.6	37.1	55.7

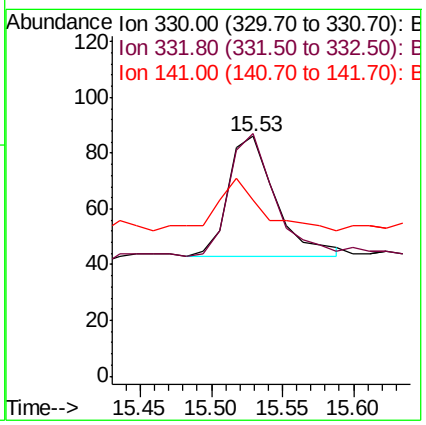


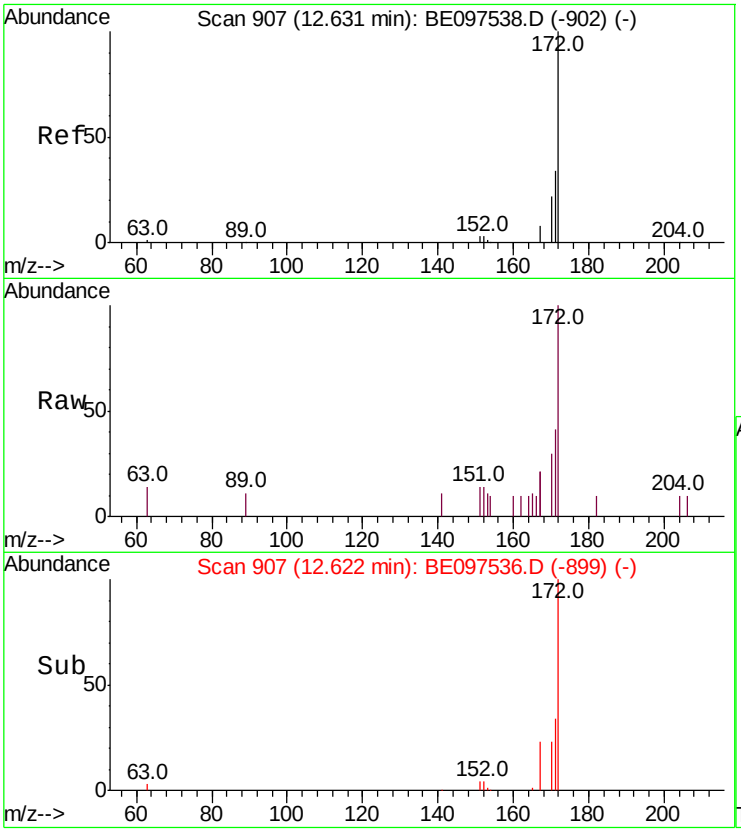


#14
2,4,6-Tribromophenol
Concen: 0.094 ng
RT: 15.53 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:330 Resp: 99

Ion	Ratio	Lower	Upper
330	100		
332	99.0	152.7	229.1#
141	42.4	33.7	50.5



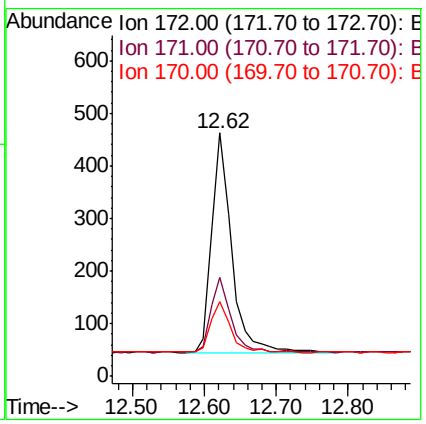


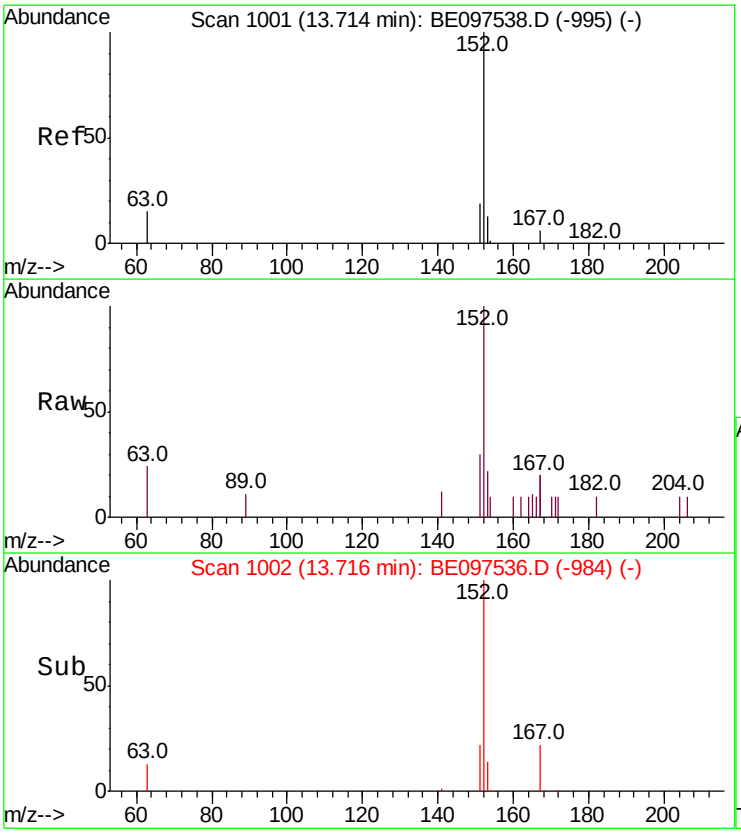
#15
2-Fluorobiphenyl
Concen: 0.116 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 812

Ion	Ratio	Lower	Upper
172	100		
171	40.6	29.9	44.9
170	30.5	21.8	32.8

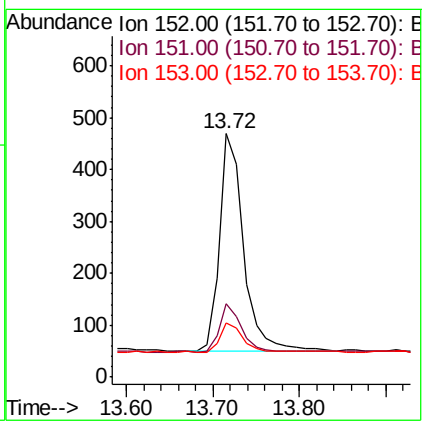


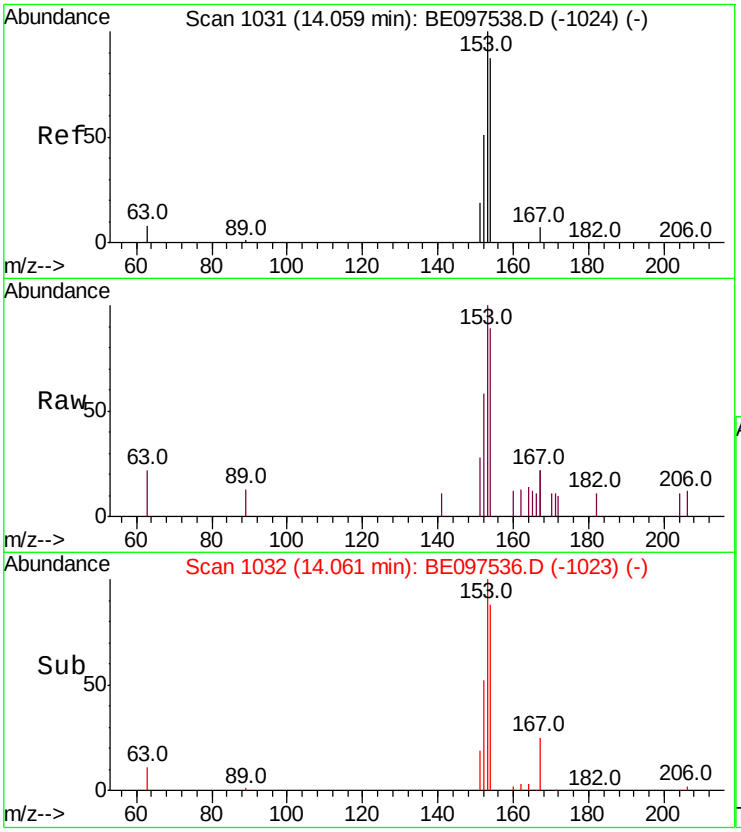


#16
Acenaphthylene
Concen: 0.095 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:152 Resp: 824

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.7	23.5
153	15.3	10.5	15.7



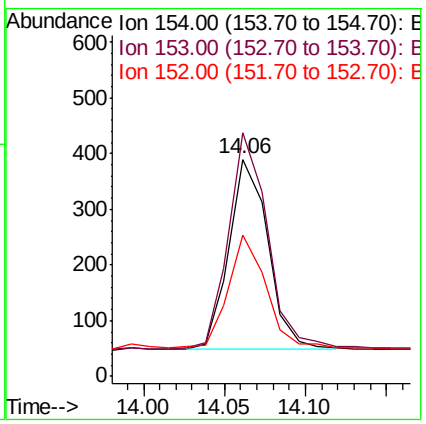


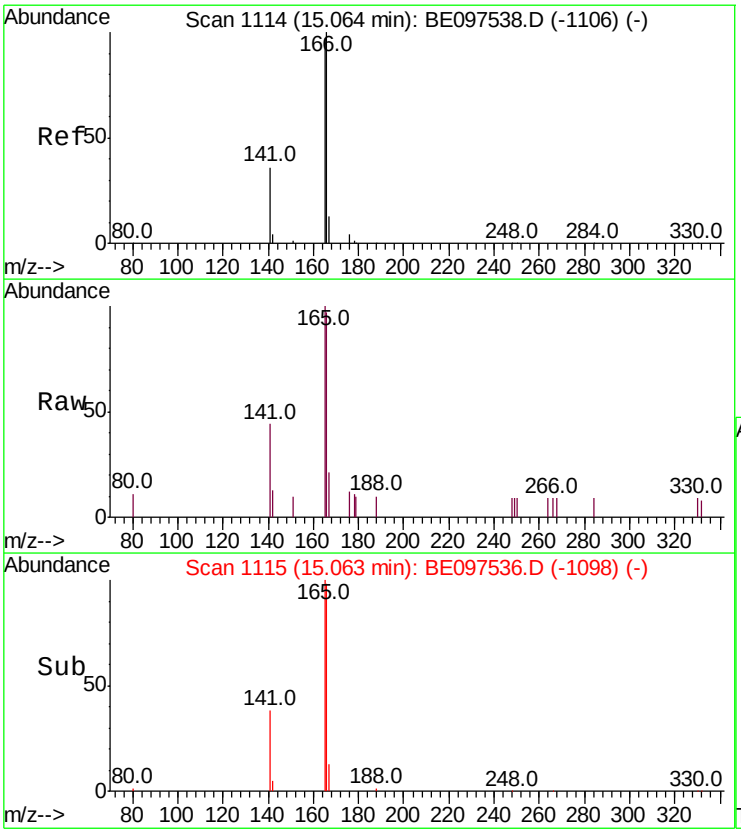
#17
Acenaphthene
Concen: 0.107 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 574

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.2	133.8
152	56.8	42.0	63.0

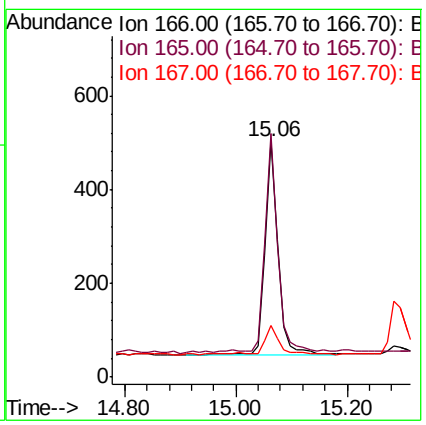


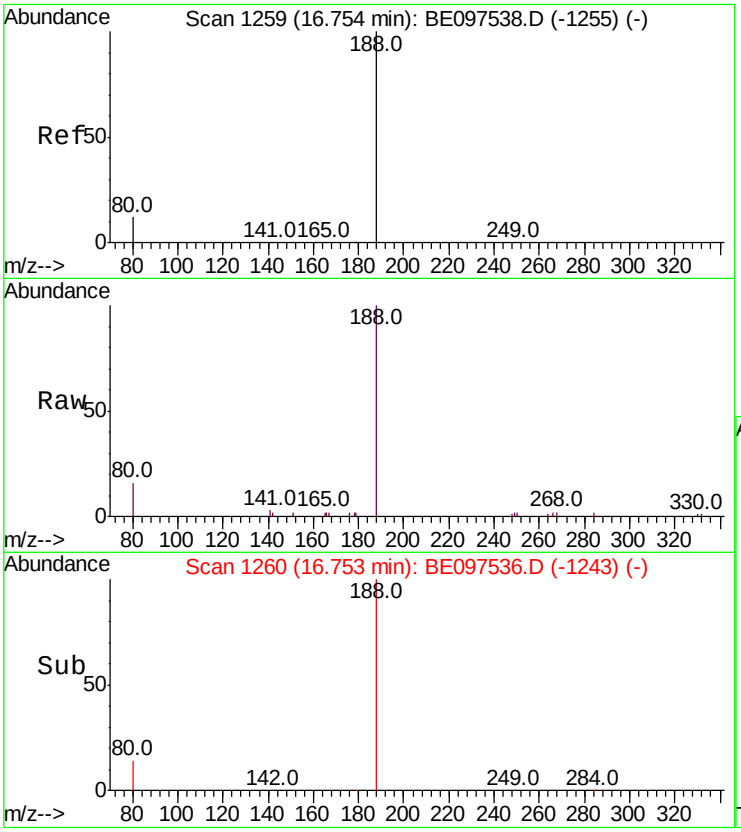


#18
Fluorene
Concen: 0.110 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:166 Resp: 751

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.6
167	14.6	42.4	63.6#



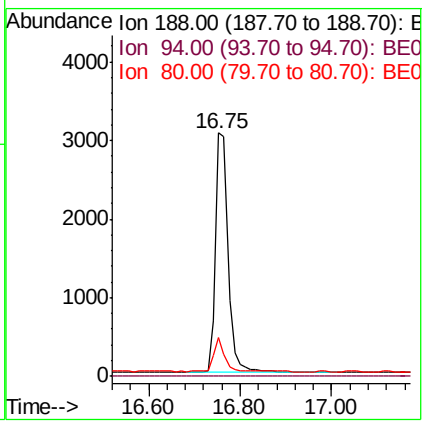


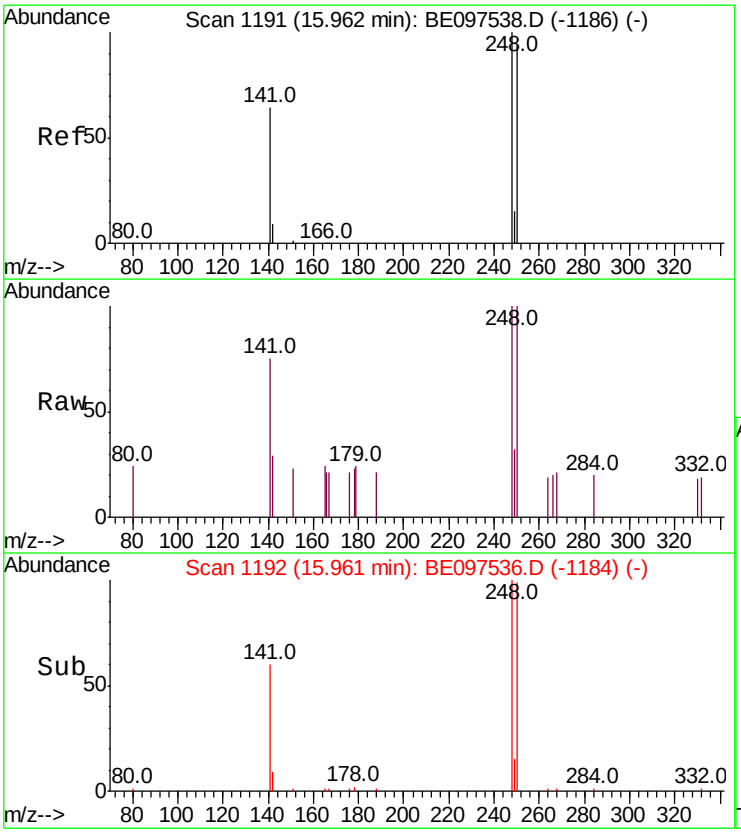
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5848

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	16.0	3.6	5.4#

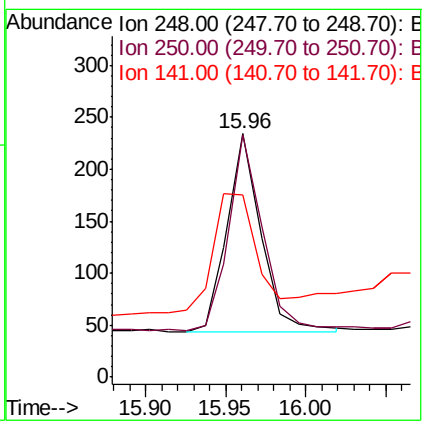


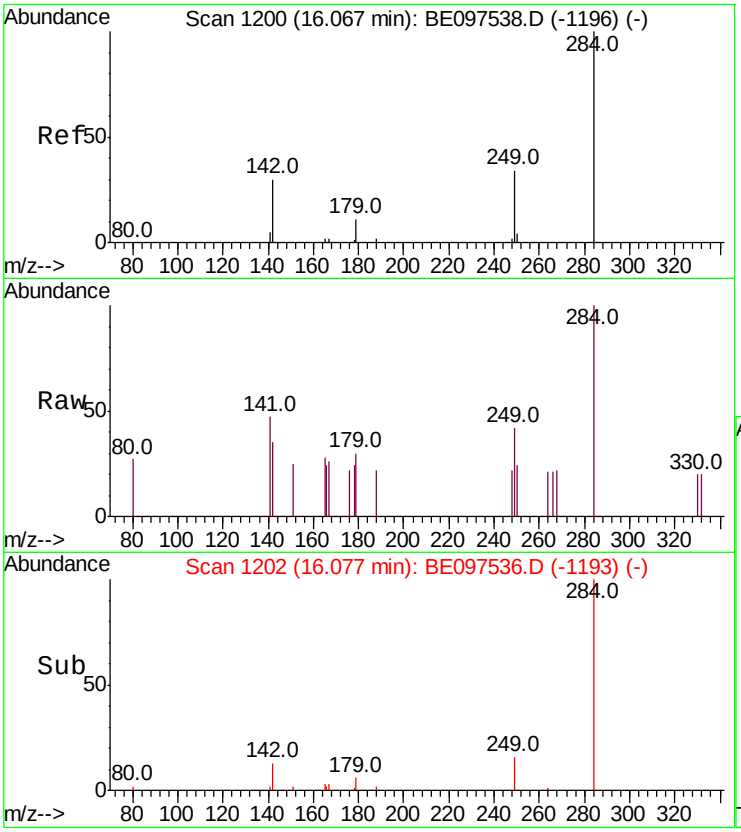


#20
4-Bromophenyl-phenylether
Concen: 0.098 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:248 Resp: 278

Ion	Ratio	Lower	Upper
248	100		
250	99.6	62.7	94.1#
141	74.8	48.2	72.2#



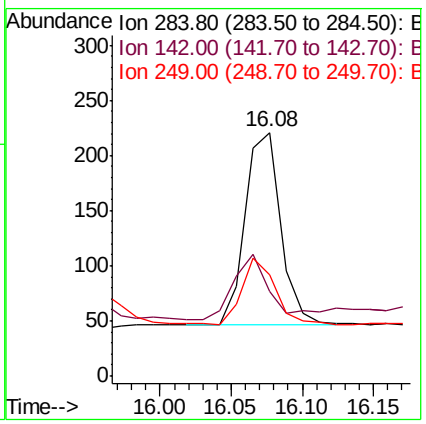


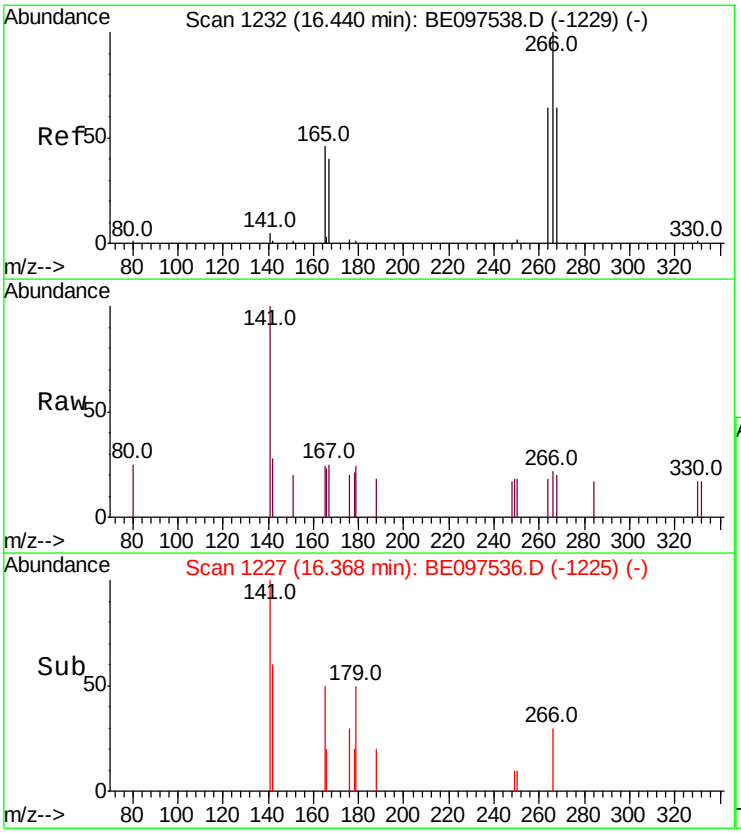
#21
Hexachlorobenzene
Concen: 0.102 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 306

Ion	Ratio	Lower	Upper
284	100		
142	35.3	22.1	33.1#
249	31.4	34.8	52.2#

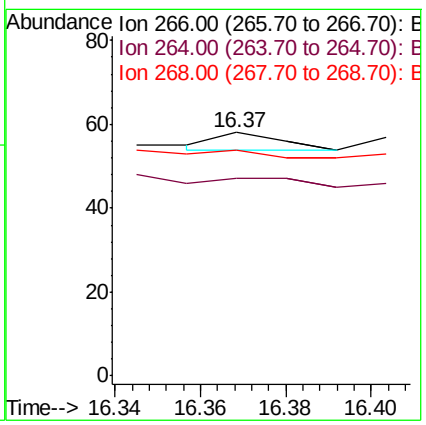


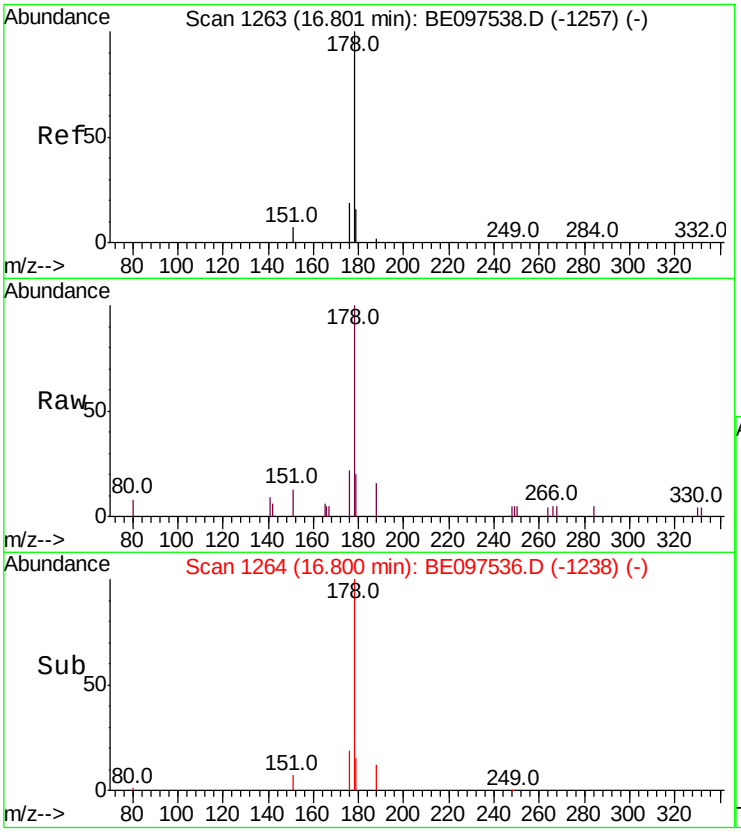


#22
Pentachlorophenol
Concen: 0.008 ng
RT: 16.37 min Scan# 1227
Delta R.T. -0.07 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	81.0	72.5	108.7
268	93.1	73.8	110.6



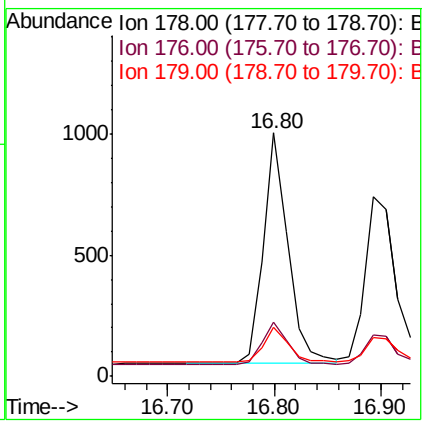


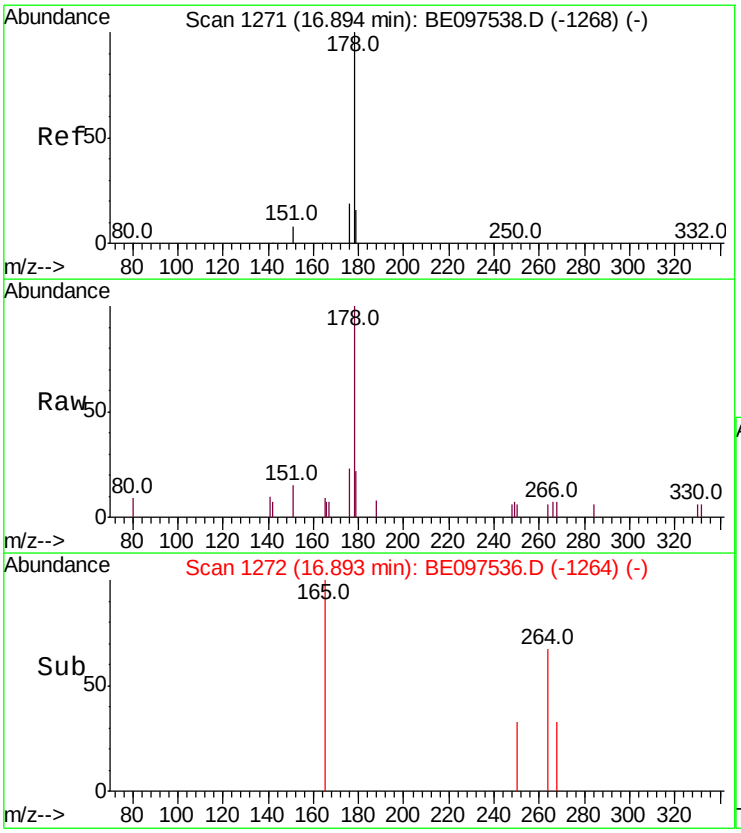
#23
Phenanthrene
Concen: 0.112 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1536

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.7	11.8	17.6

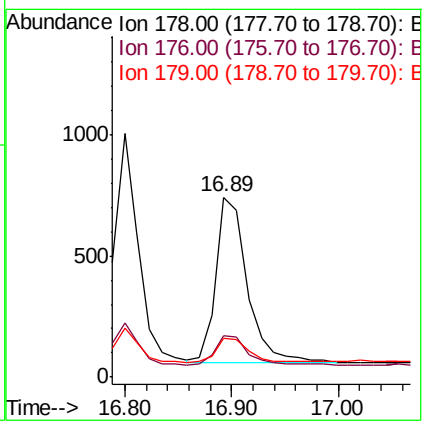


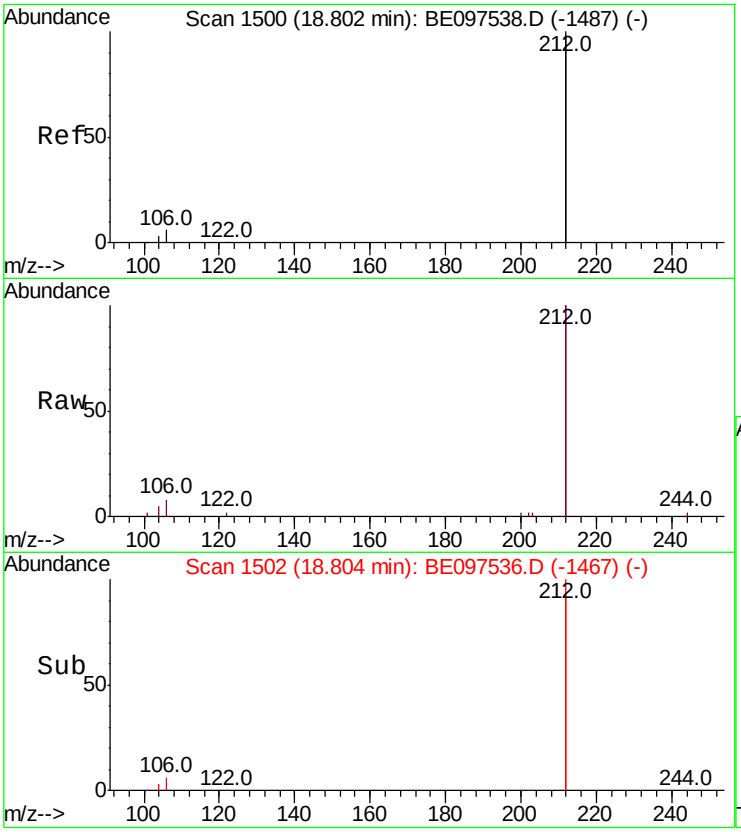


#24
Anthracene
Concen: 0.109 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:178 Resp: 1379

Ion	Ratio	Lower	Upper
178	100		
176	18.3	12.8	19.2
179	15.6	13.0	19.6



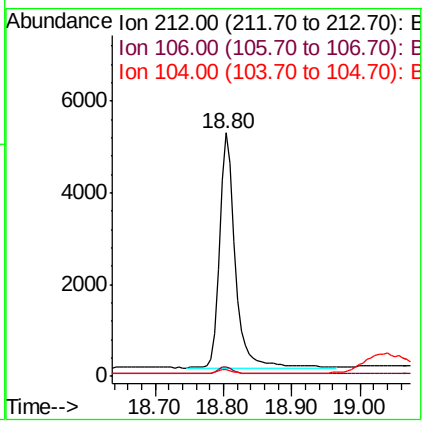


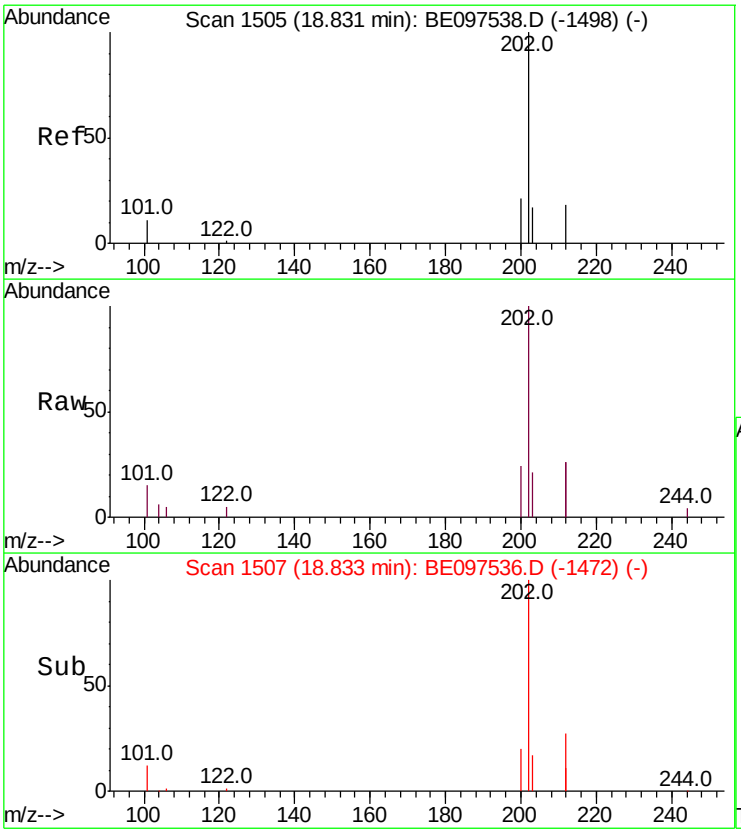
#25
Fluoranthene-d10
Concen: 0.117 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 8243

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.8	1.6	2.4

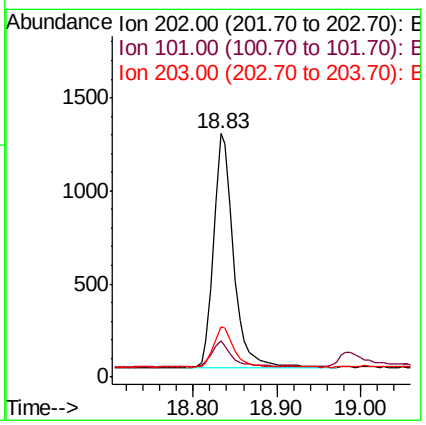


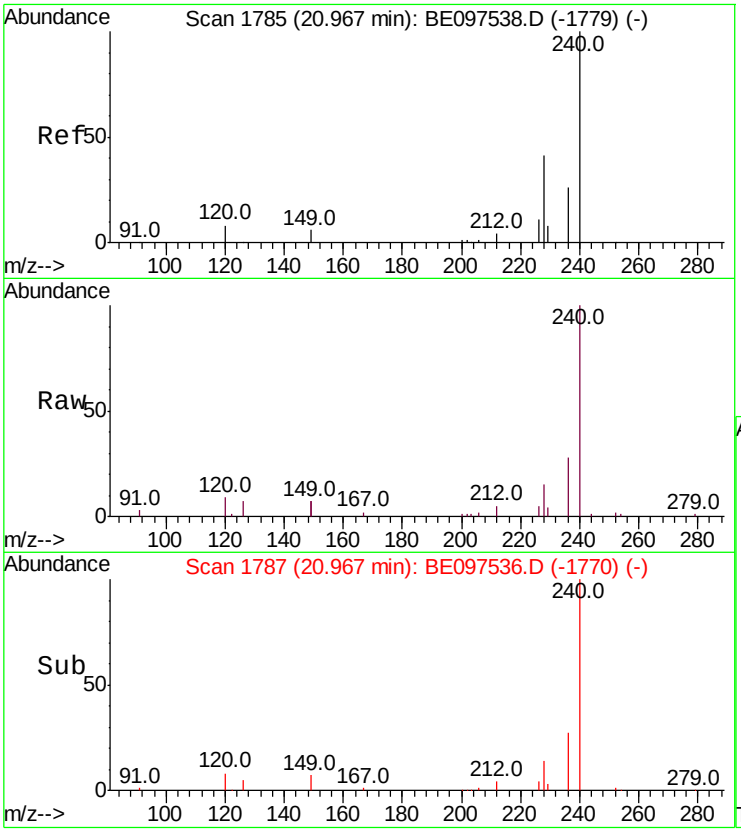


#26
Fluoranthene
Concen: 0.117 ng
RT: 18.83 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:202 Resp: 2105

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.8
203	17.5	13.7	20.5



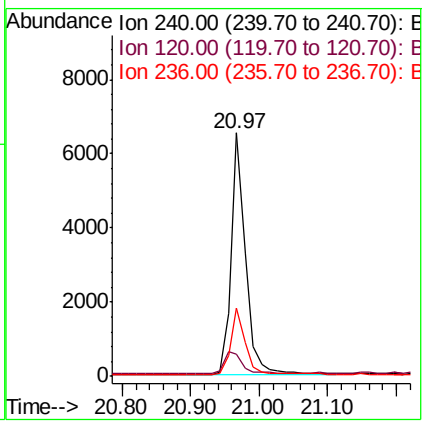


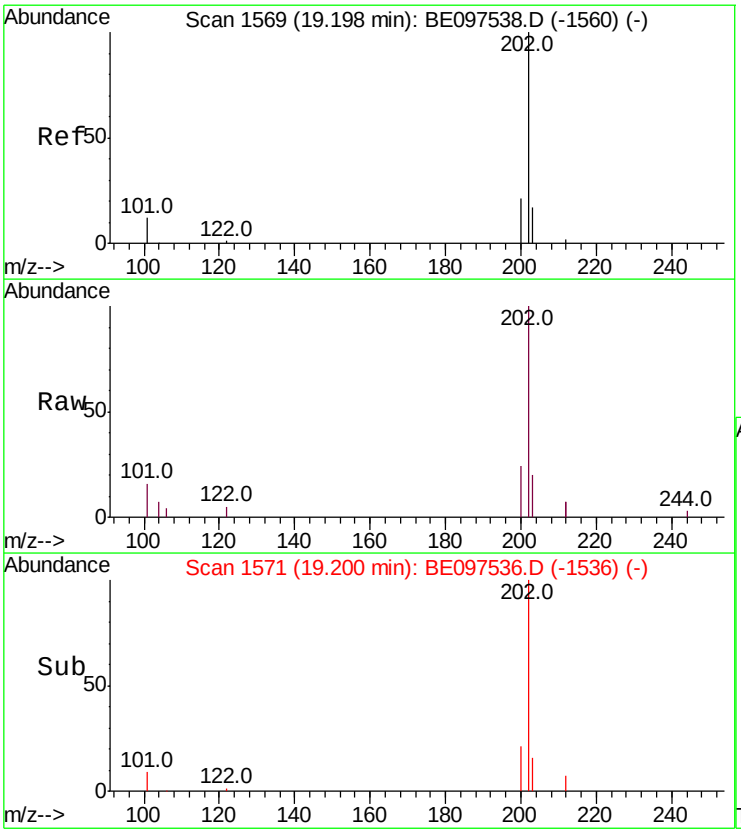
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9384

Ion	Ratio	Lower	Upper
240	100		
120	8.9	5.5	8.3#
236	27.8	20.7	31.1

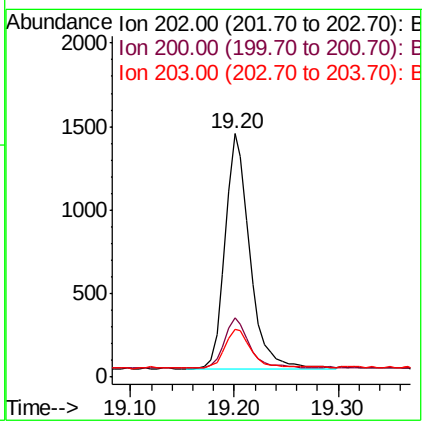


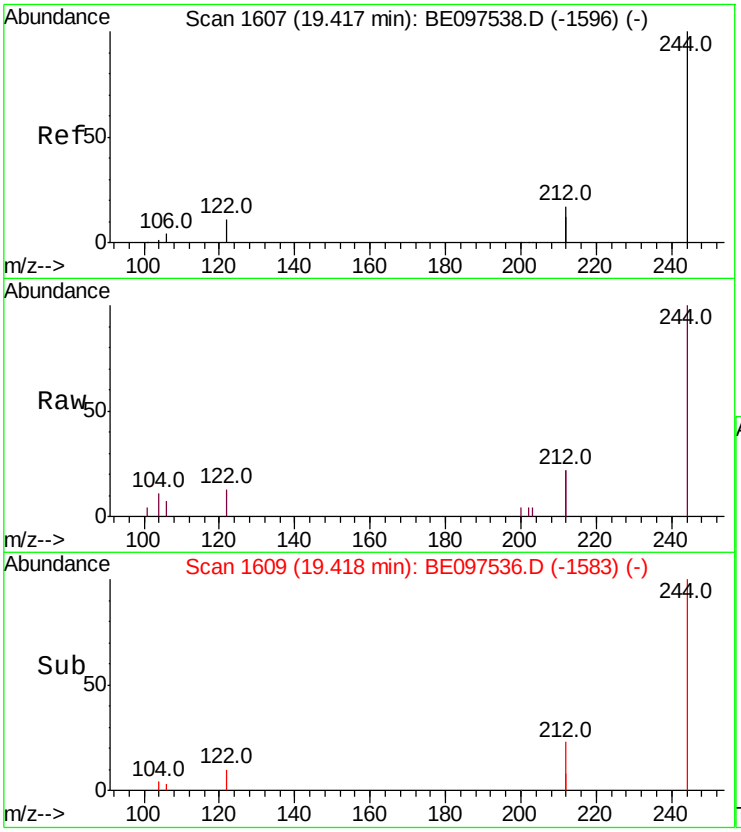


#28
Pyrene
Concen: 0.096 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:202 Resp: 2313

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.6	13.8	20.8



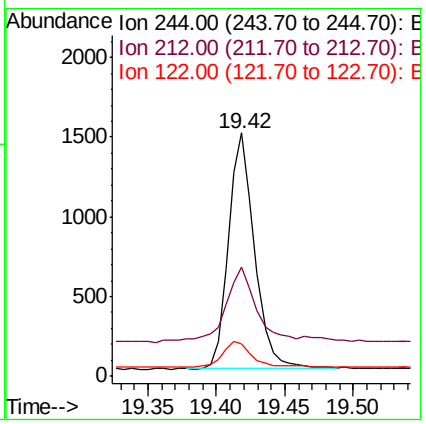


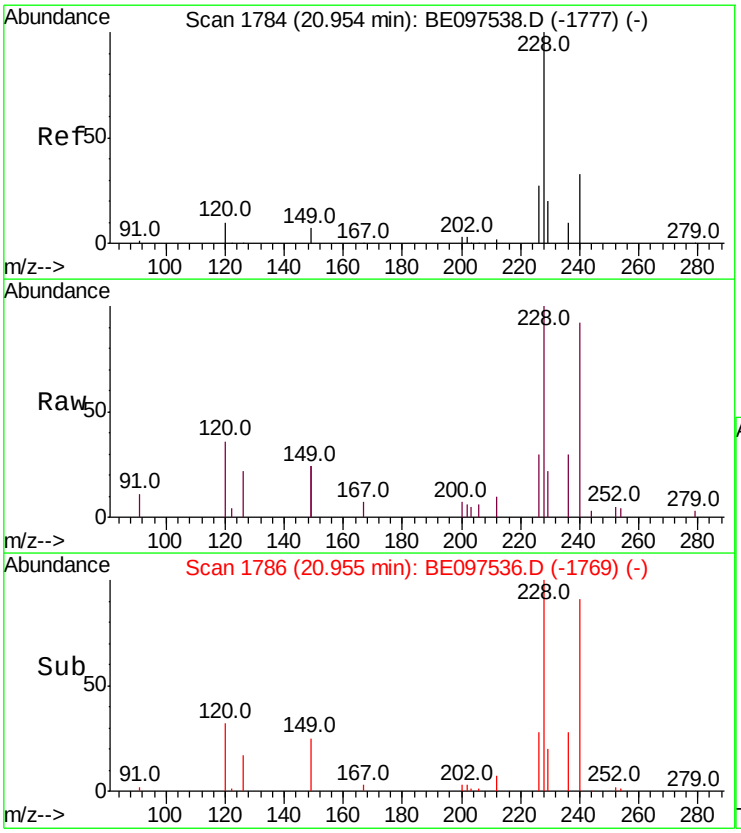
#29
Terphenyl-d14
Concen: 0.110 ng
RT: 19.42 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 1976

Ion	Ratio	Lower	Upper
244	100		
212	44.7	25.4	38.0#
122	13.2	8.1	12.1#

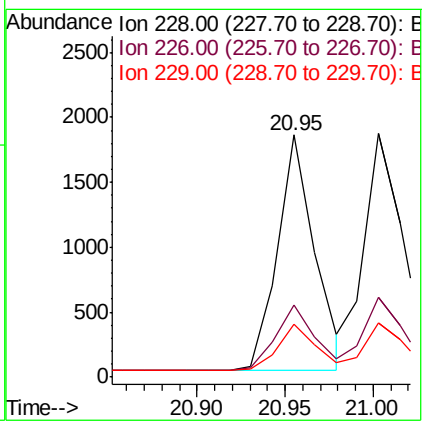


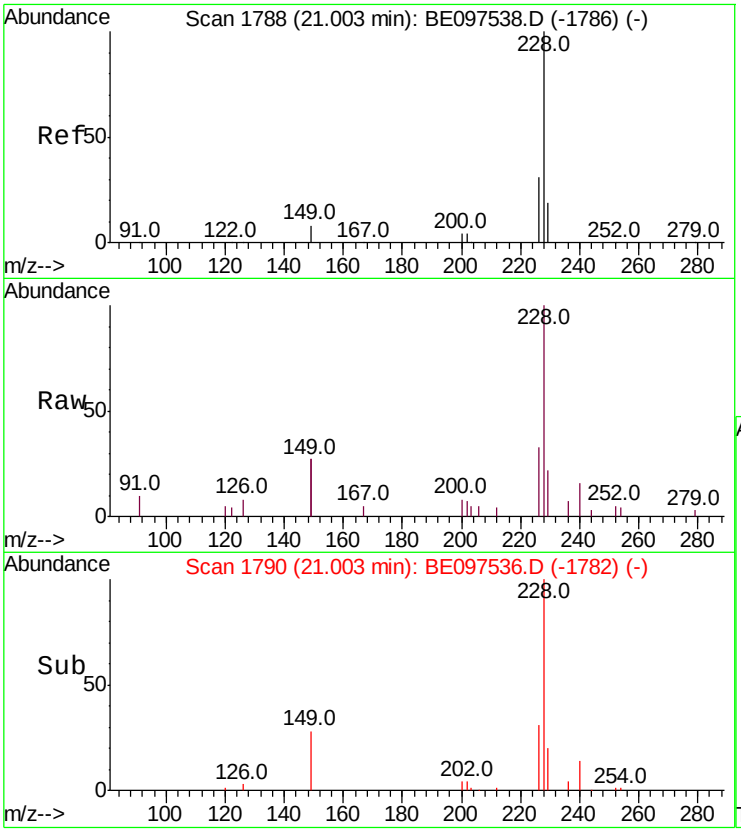


#30
Benzo(a)anthracene
Concen: 0.108 ng
RT: 20.95 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:228 Resp: 2673

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	22.0	16.0	24.0



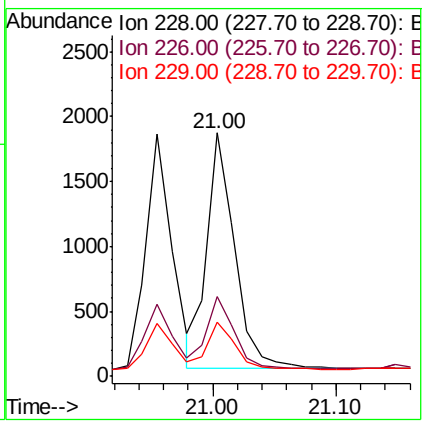


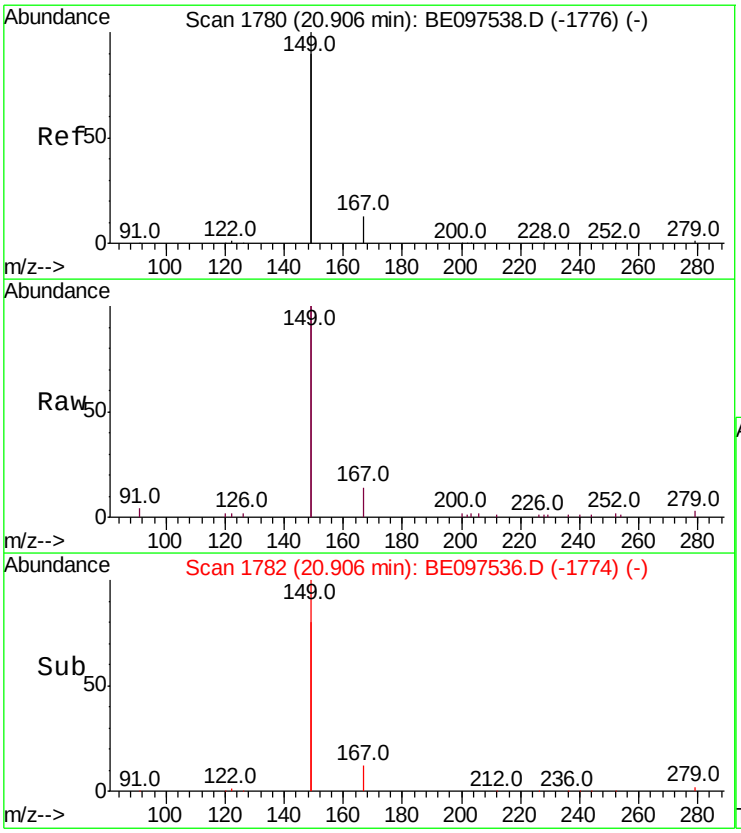
#31
Chrysene
Concen: 0.112 ng
RT: 21.00 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2825

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.0	36.0
229	22.2	16.0	24.0

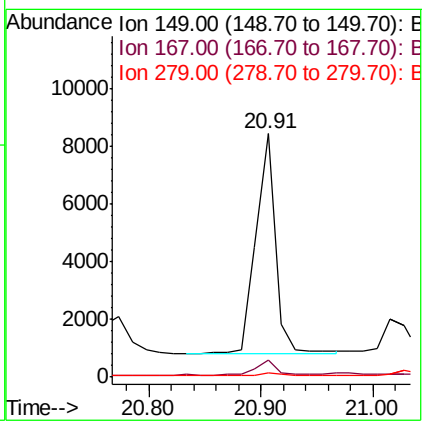


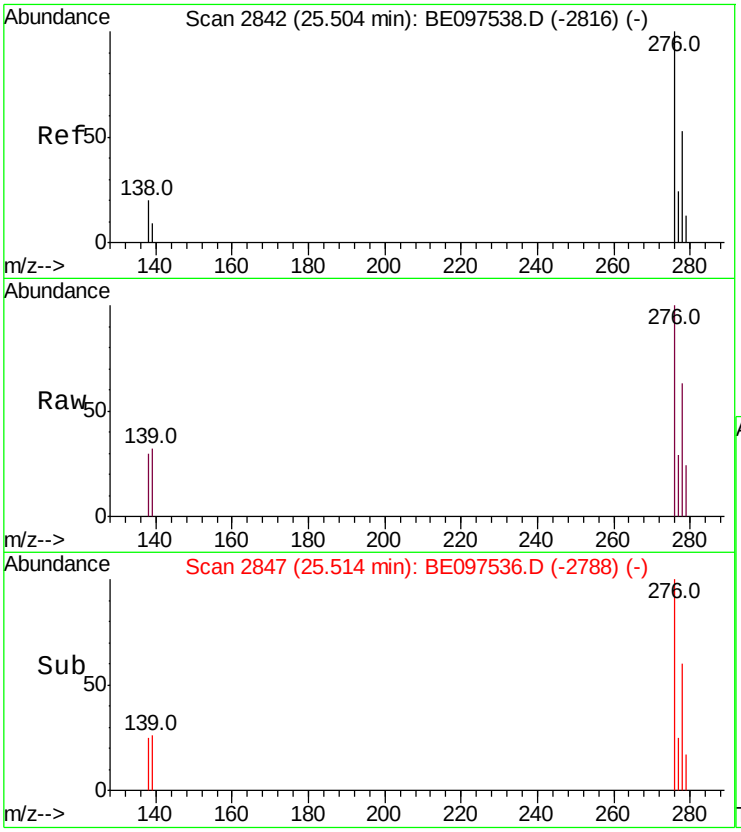


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.178 ng
RT: 20.91 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:149 Resp: 9337

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.2	0.7	1.1#



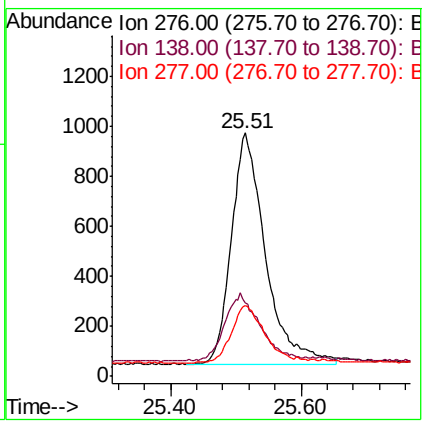


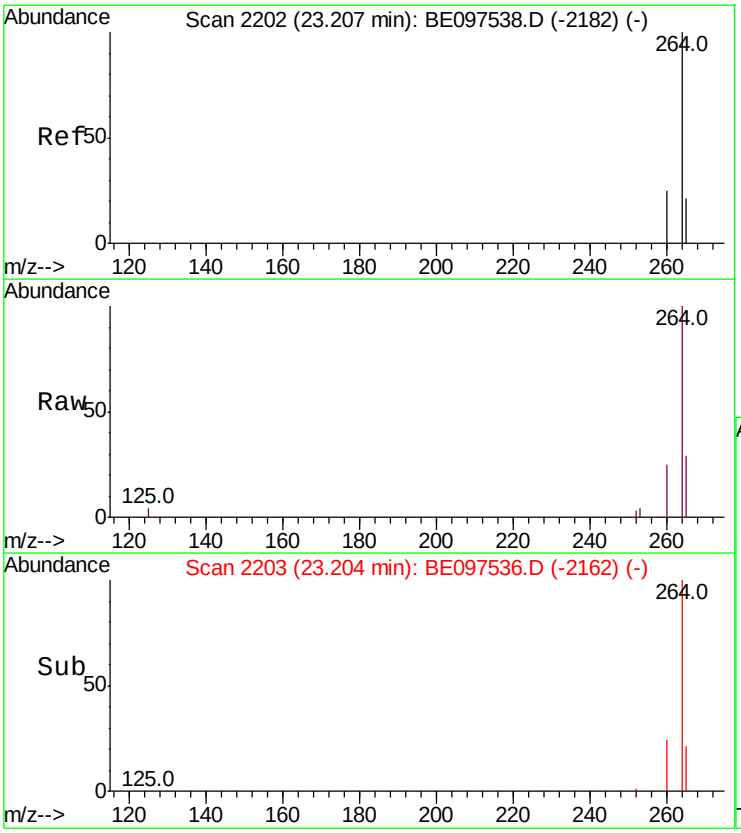
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng
RT: 25.51 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3354

Ion	Ratio	Lower	Upper
276	100		
138	29.3	22.5	33.7
277	24.2	19.9	29.9

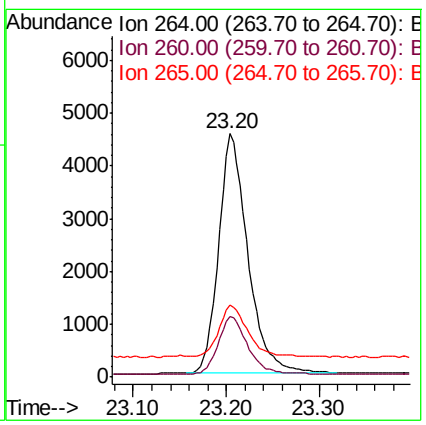


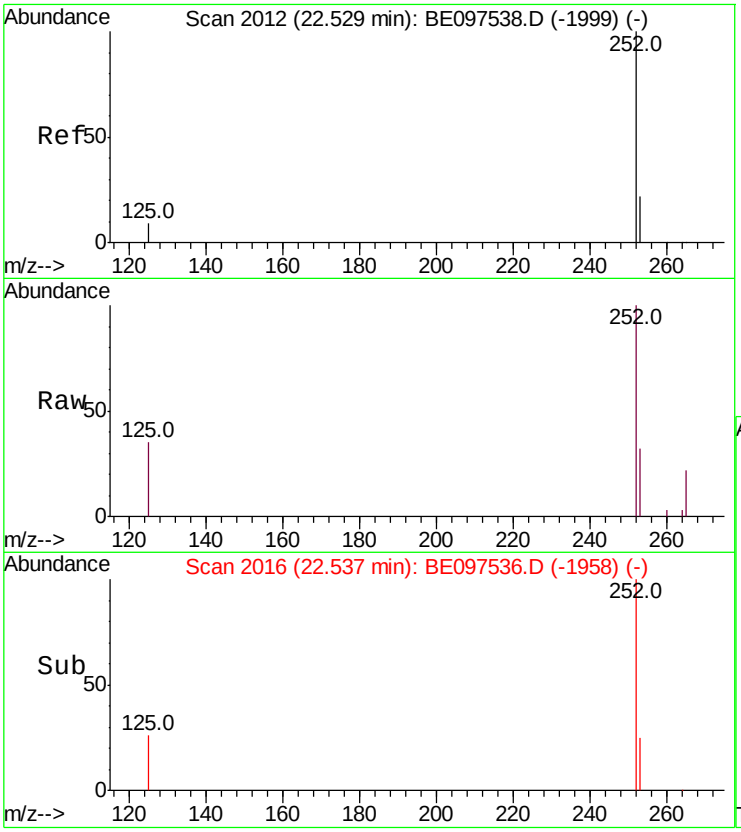


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:264 Resp: 9923

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	29.4	22.8	34.2



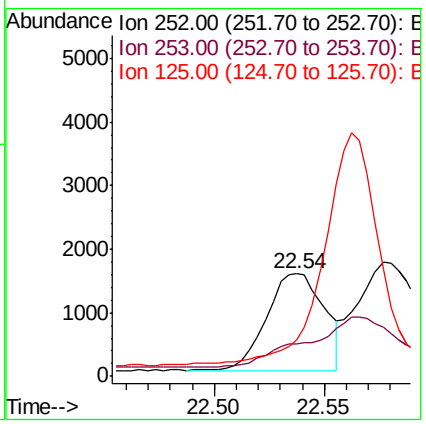


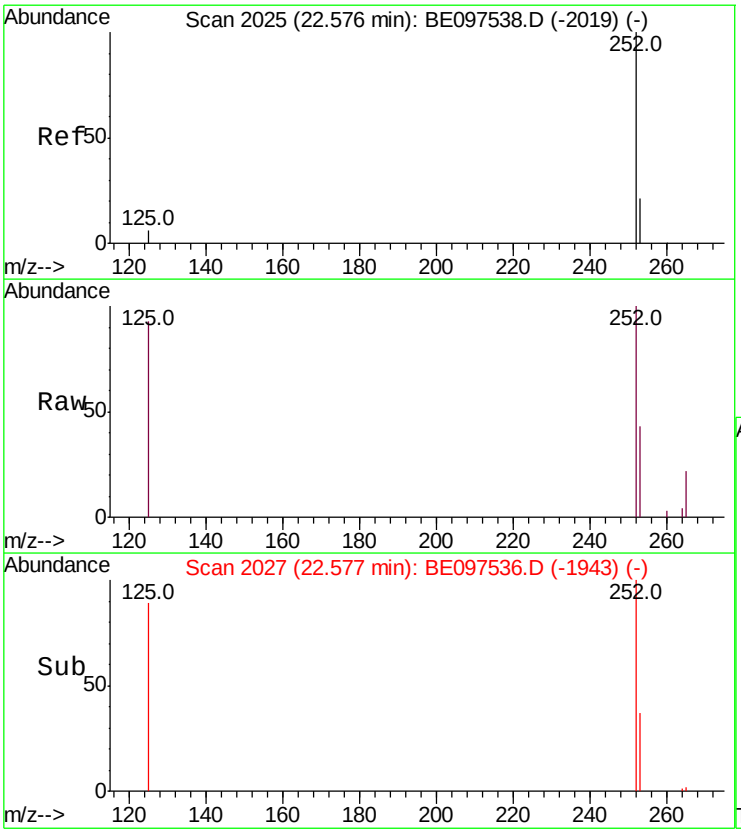
#35
Benzo(b)fluoranthene
Concen: 0.109 ng
RT: 22.54 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2766

Ion	Ratio	Lower	Upper
252	100		
253	32.1	20.0	30.0#
125	35.2	16.0	24.0#

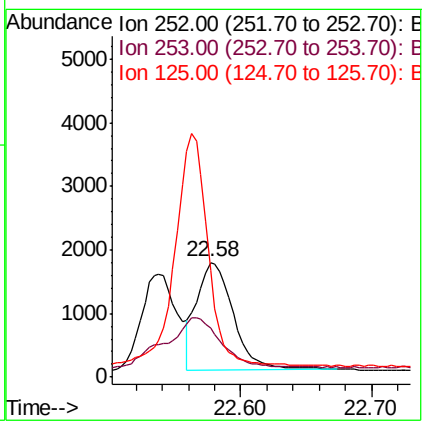


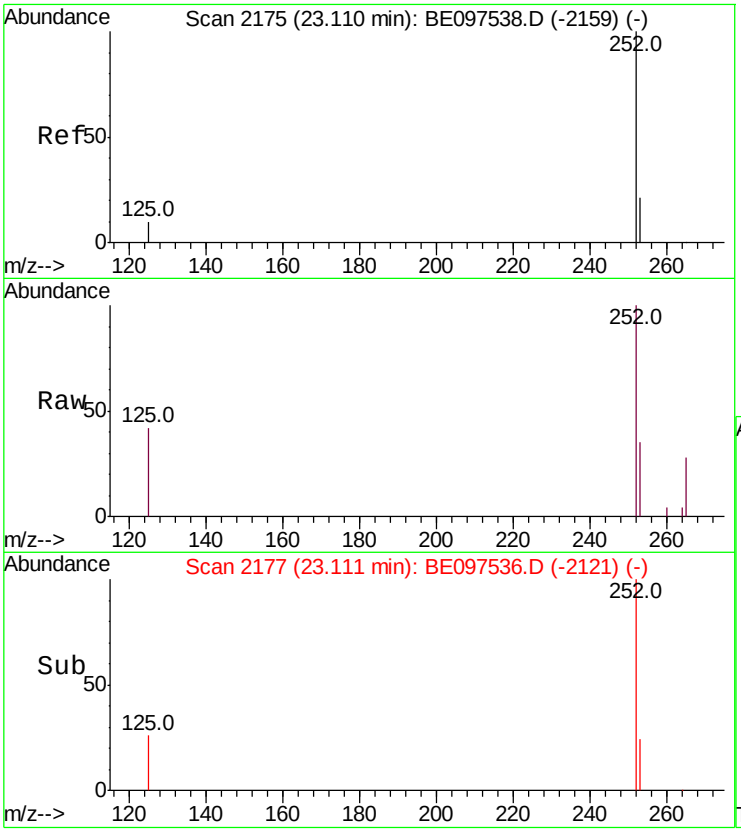


#36
Benzo(k)fluoranthene
Concen: 0.120 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:252 Resp: 3319

Ion	Ratio	Lower	Upper
252	100		
253	43.2	16.0	24.0#
125	93.4	8.0	12.0#



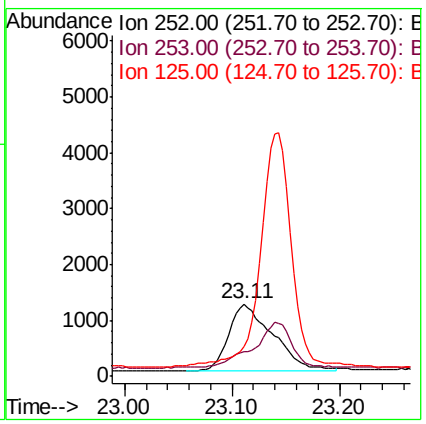


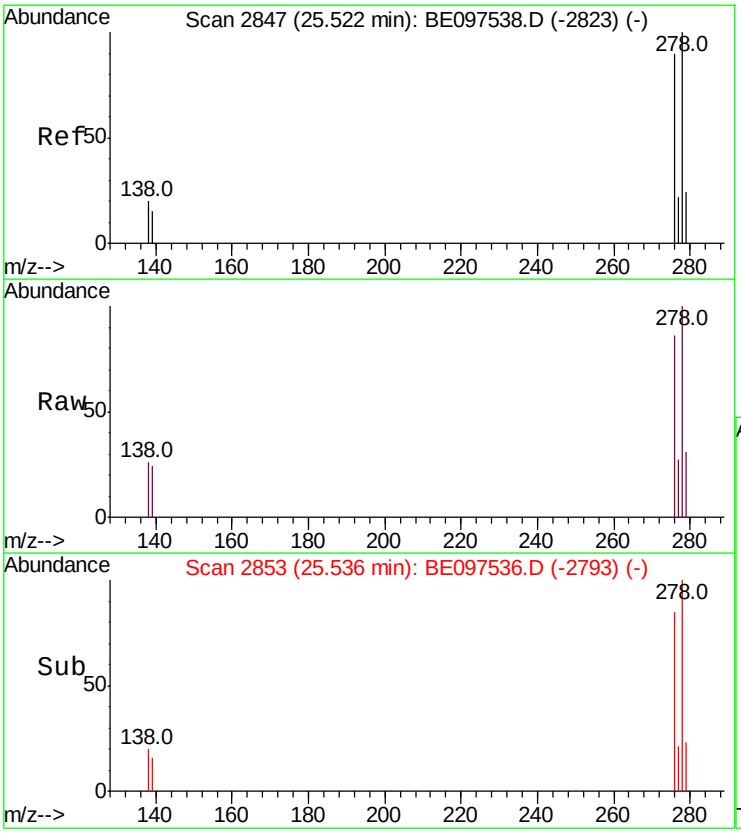
#37
Benzo(a)pyrene
Concen: 0.134 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3388

Ion	Ratio	Lower	Upper
252	100		
253	34.8	16.0	24.0#
125	41.8	12.0	18.0#

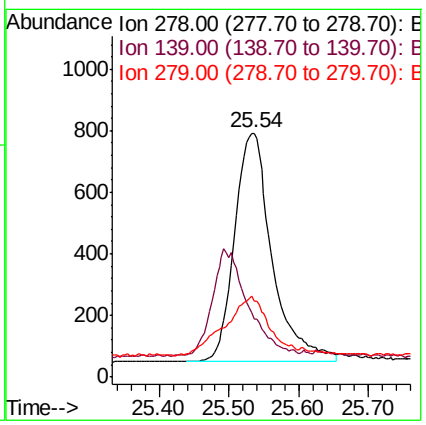


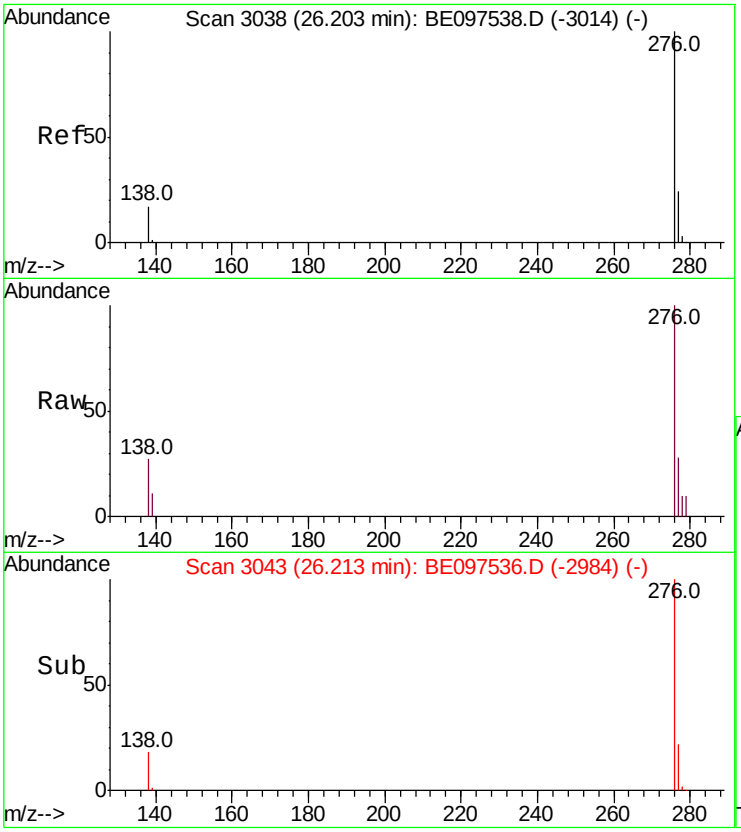


#38
Dibenzo(a,h)anthracene
Concen: 0.106 ng
RT: 25.54 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Tgt Ion:278 Resp: 2787

Ion	Ratio	Lower	Upper
278	100		
139	23.8	16.0	24.0
279	31.0	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.099 ng
RT: 26.21 min Scan# 3043
Delta R.T. 0.01 min
Lab File: BE097536.D
Acq: 19 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2647

Ion	Ratio	Lower	Upper
276	100		
277	28.4	16.0	24.0#
138	26.8	20.0	30.0