Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110818\
Data File : BE098166.D
Acq On : 7 Nov 2018 10:21
Operator : SJ/JU
Sample : PB114542BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 07 16:25:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1016	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	4765	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	3257	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	7636	0.40	ng		0.00
27) Chrysene-d12	21.46	240	8743	0.40	ng		0.00
34) Perylene-d12	24.02	264	8290	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1185	0.39	ng		0.00
5) Phenol-d6	7.05	99	1918	0.39	ng		0.00
8) Nitrobenzene-d5	9.03	82	1959	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	3490	0.42	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	538	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5432	0.41	ng		0.00
25) Fluoranthene-d10	19.31	212	38874	0.39	ng		0.00
29) Terphenyl-d14	19.91	244	8376	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	628	0.415	ng		96
3) n-Nitrosodimethylamine	3.70	42	755	0.373	ng	#	84
6) bis(2-Chloroethyl)ether	7.29	93	1403	0.386	ng		96
9) Naphthalene	10.72	128	19496	0.409	ng		99
10) Hexachlorobutadiene	11.00	225	1297	0.415	ng		96
12) 2-Methylnaphthalene	12.34	142	3477	0.409	ng	#	87
16) Acenaphthylene	14.25	152	5973	0.402	ng		99
17) Acenaphthene	14.60	154	3719	0.417	ng		99
18) Fluorene	15.58	166	4864	0.411	ng		99
20) 4-Bromophenyl-phenylether	16.48	248	1932	0.415	ng	#	84
21) Hexachlorobenzene	16.59	284	1997	0.410	ng		96
22) Pentachlorophenol	16.94	266	416	0.423	ng		88
23) Phenanthrene	17.33	178	7891	0.417	ng		99
24) Anthracene	17.42	178	7199	0.400	ng		99
26) Fluoranthene	19.34	202	9536	0.402	ng		97
28) Pyrene	19.71	202	9784	0.410	ng		100
30) Benzo(a)anthracene	21.45	228	10107	0.395	ng		98
31) Chrysene	21.51	228	10548	0.417	ng		96
32) Bis(2-ethylhexyl)phthalate	21.38	149	22024	0.239	ng		100
33) Indeno(1,2,3-cd)pyrene	26.71	276	9961	0.379	ng		95
35) Benzo(b)fluoranthene	23.23	252	9478	0.406	ng	#	90
36) Benzo(k)fluoranthene	23.28	252	10207	0.422	ng	#	89
37) Benzo(a)pyrene	23.90	252	9279	0.407	ng	#	90
38) Dibenzo(a,h)anthracene	26.73	278	8373	0.393	ng	#	93
39) Benzo(g,h,i)perylene	27.54	276	8484	0.400	ng	#	89

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110818\
Data File : BE098166.D
Acq On : 7 Nov 2018 10:21
Operator : SJ/JU
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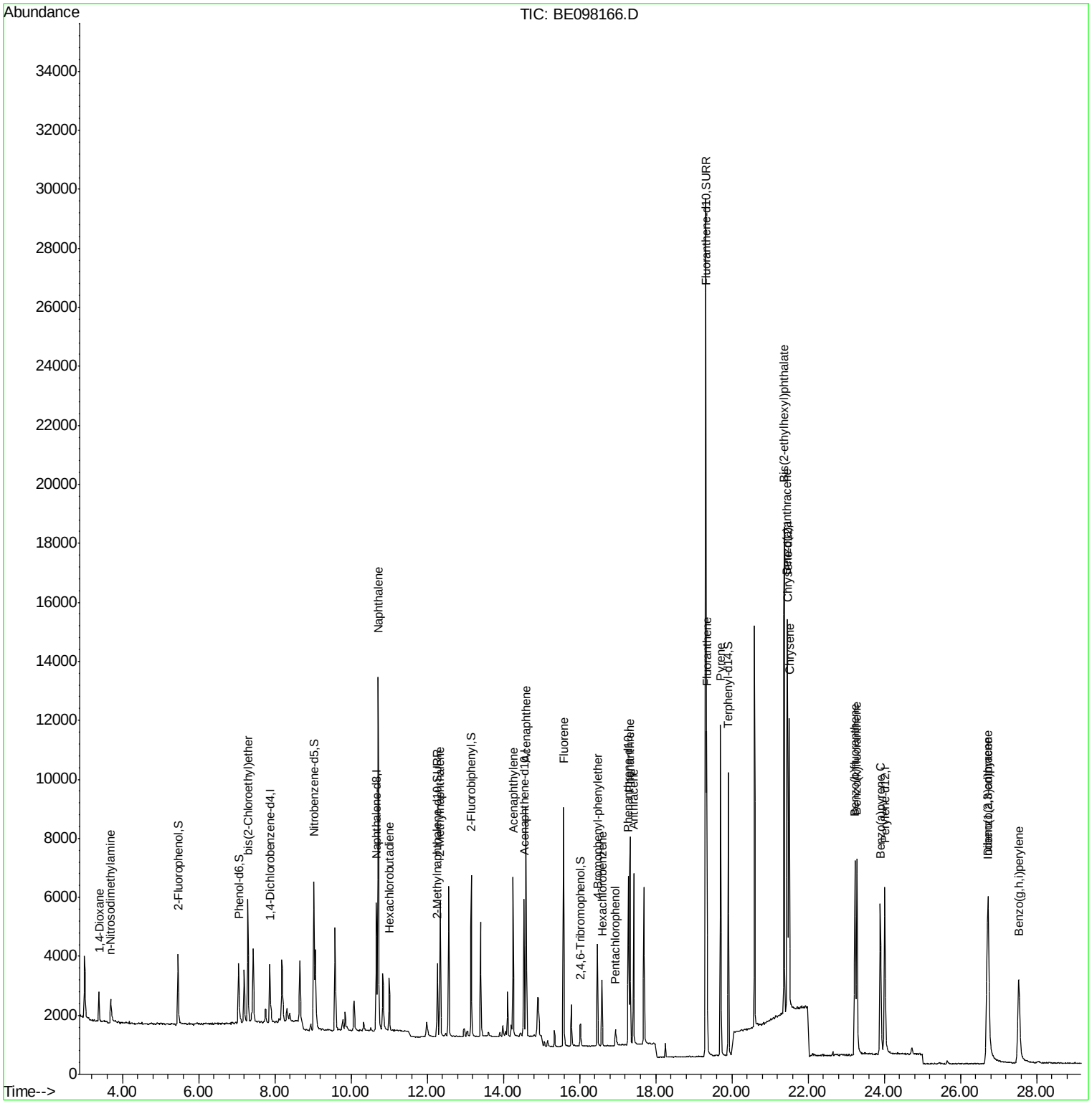
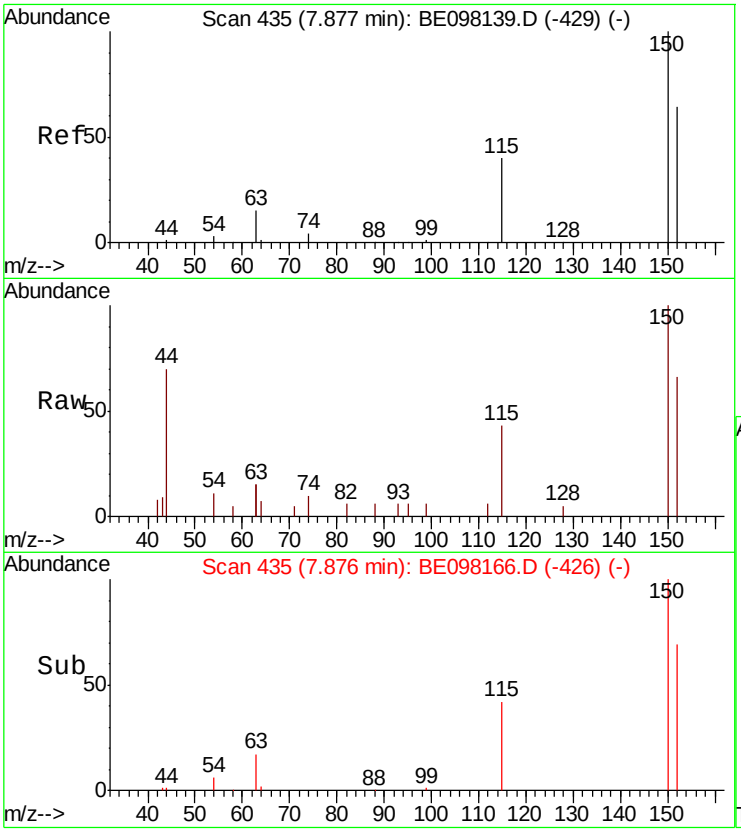
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 07 16:25:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration



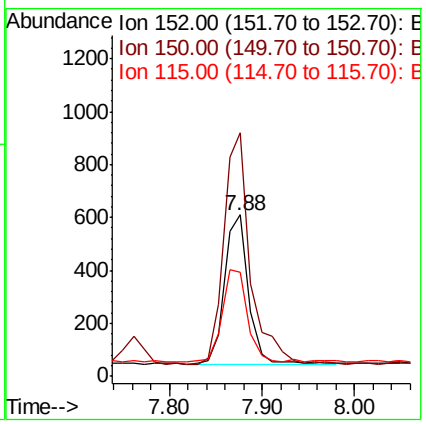


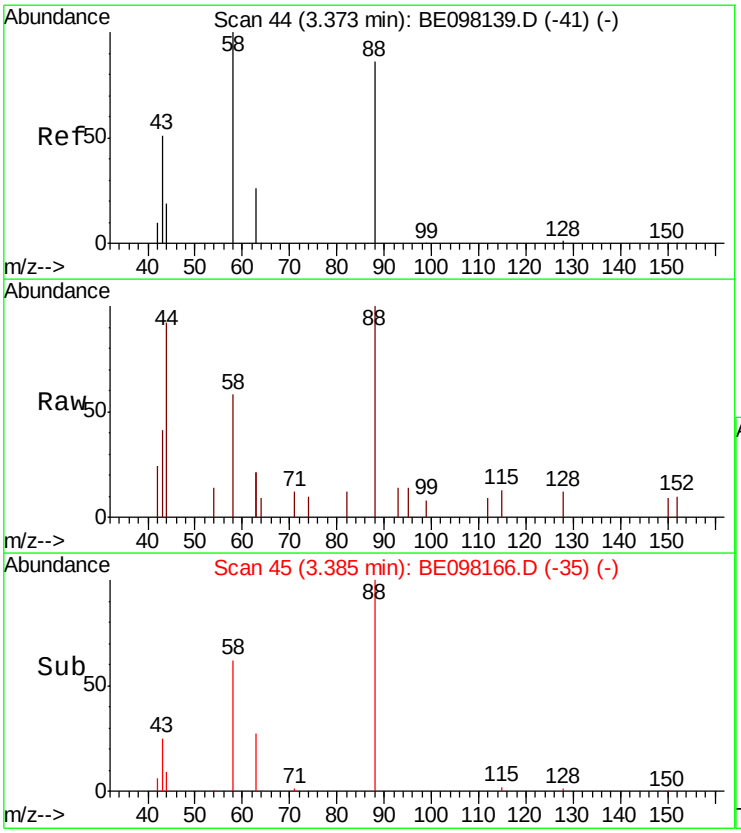
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1016

Ion	Ratio	Lower	Upper
152	100		
150	151.1	118.2	177.4
115	64.7	50.9	76.3

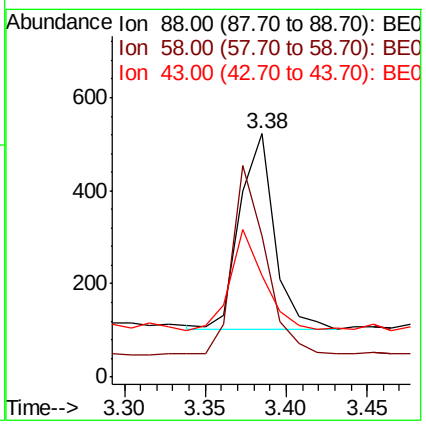


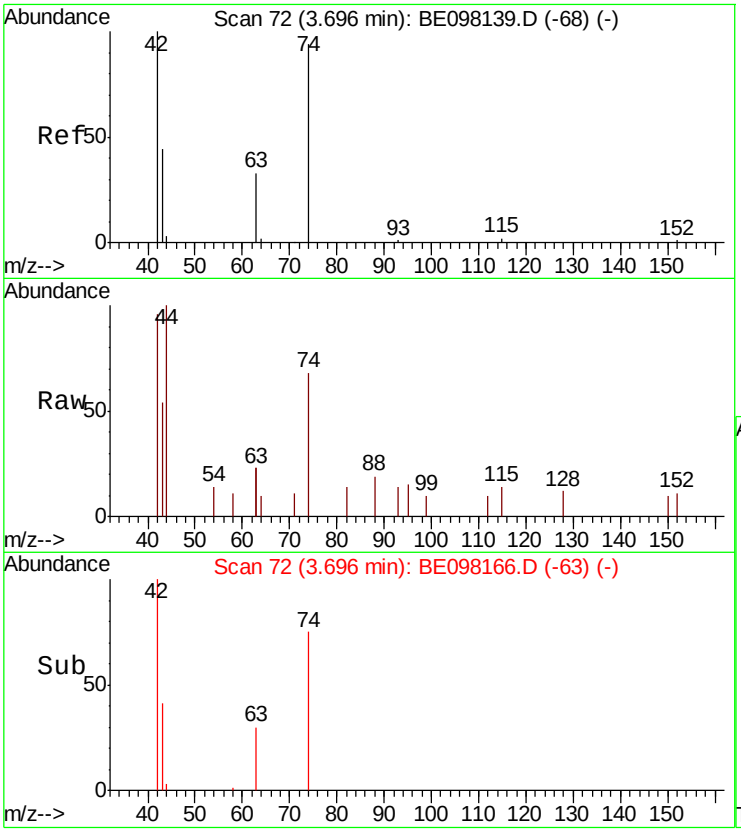


#2
1,4-Dioxane
Concen: 0.415 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion: 88 Resp: 628

Ion	Ratio	Lower	Upper
88	100		
58	94.3	73.2	109.8
43	50.8	36.9	55.3



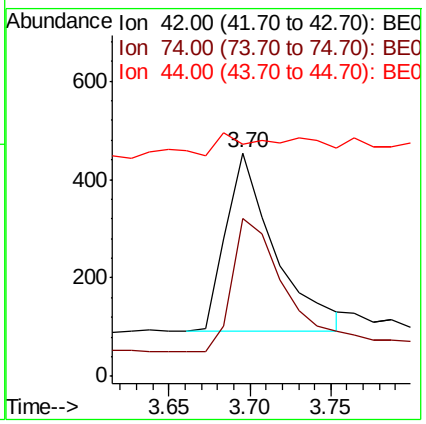


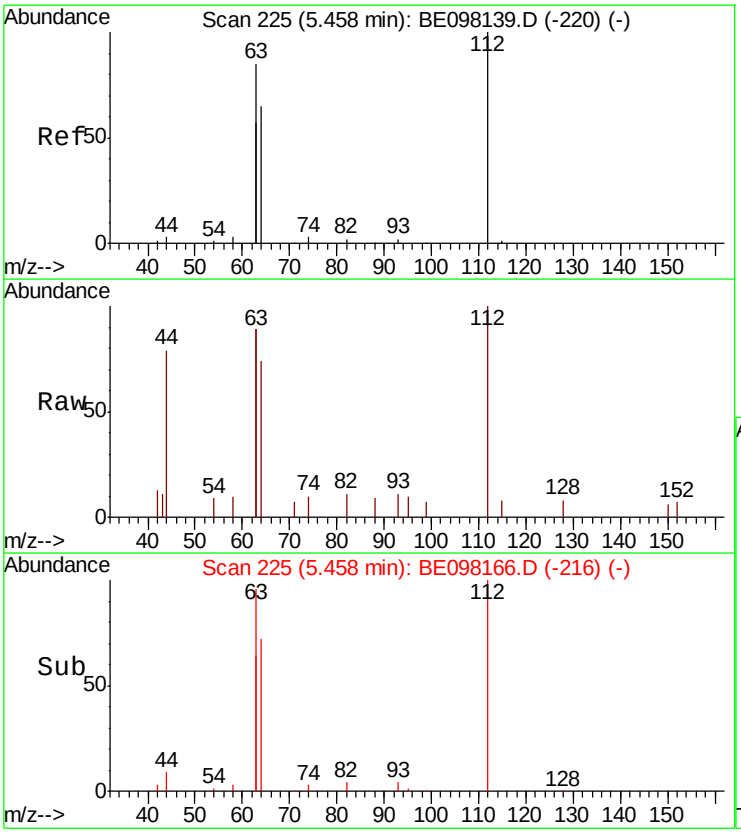
#3
n-Nitrosodimethylamine
Concen: 0.373 ng
RT: 3.70 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 755

Ion	Ratio	Lower	Upper
42	100		
74	82.4	77.6	116.4
44	17.9	7.6	11.4#

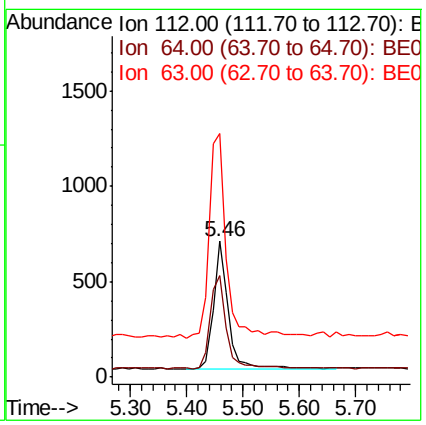


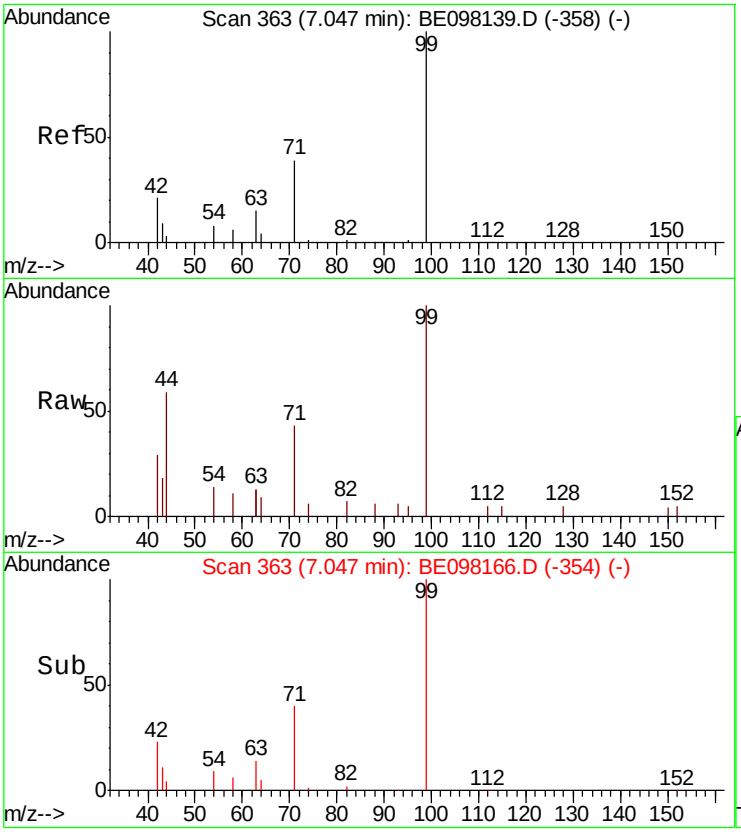


#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:112 Resp: 1185

Ion	Ratio	Lower	Upper
112	100		
64	80.1	58.9	88.3
63	187.8	120.3	180.5#



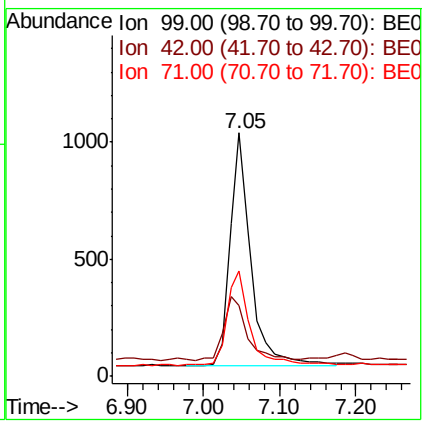


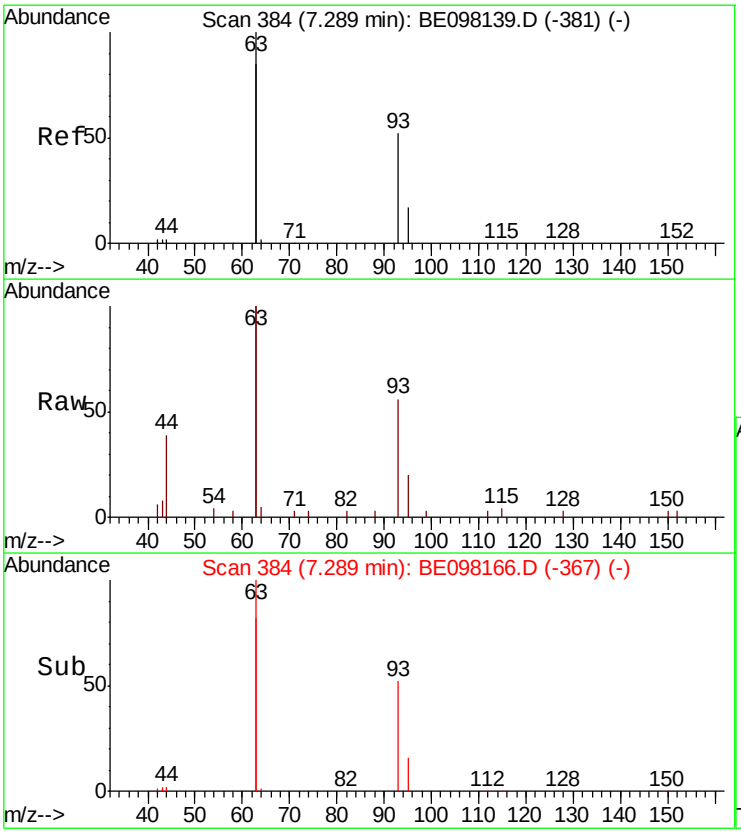
#5
Phenol-d6
Concen: 0.386 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1918

Ion	Ratio	Lower	Upper
99	100		
42	30.3	19.9	29.9#
71	44.3	27.8	41.8#

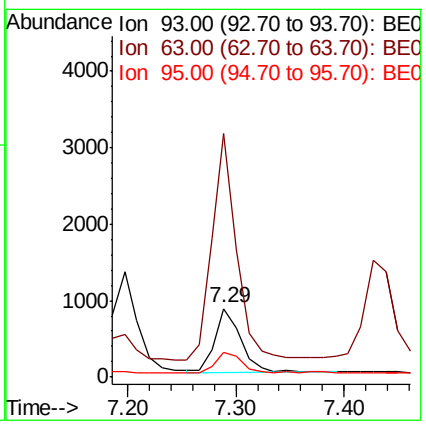


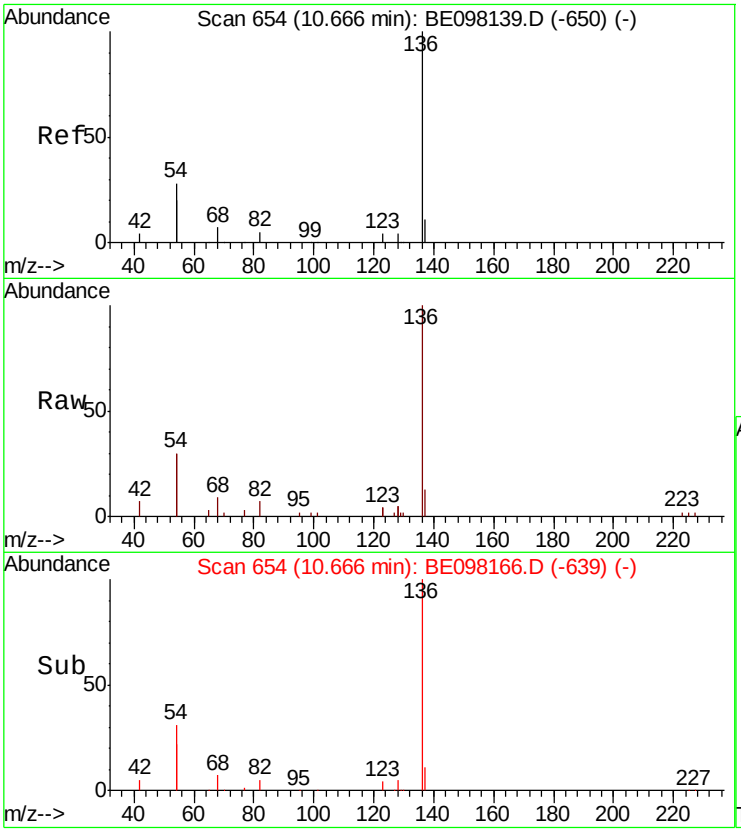


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion: 93 Resp: 1403

Ion	Ratio	Lower	Upper
93	100		
63	333.2	259.0	388.4
95	32.9	27.8	41.8



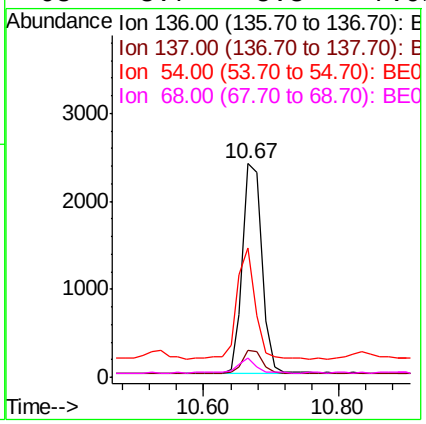


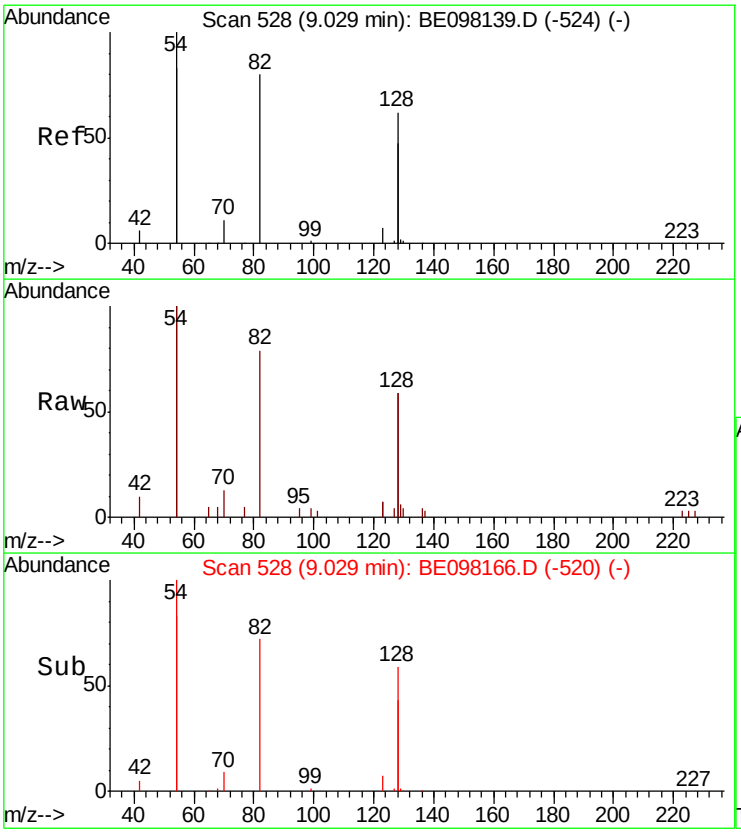
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4765

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.6	14.4
54	60.7	27.7	41.5#
68	8.7	5.3	7.9#

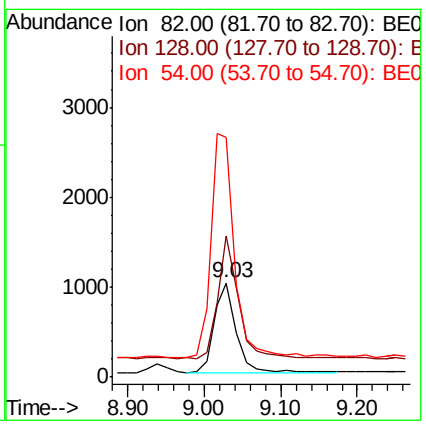


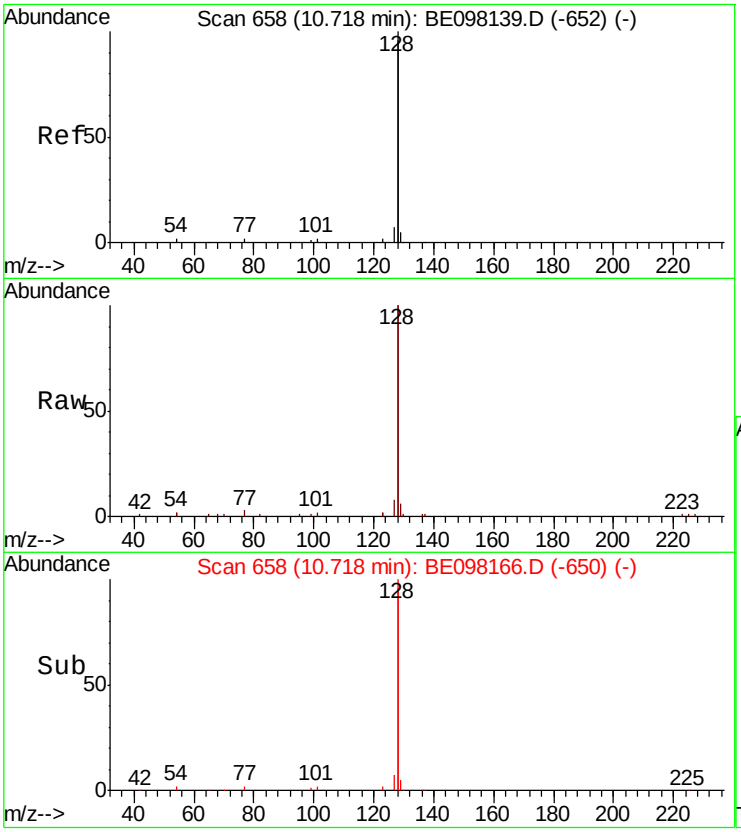


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion: 82 Resp: 1959

Ion	Ratio	Lower	Upper
82	100		
128	149.6	129.9	194.9
54	254.2	174.0	261.0



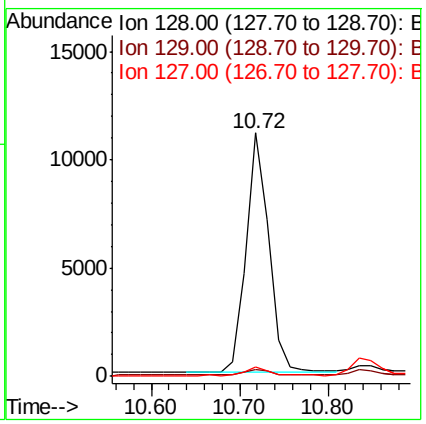


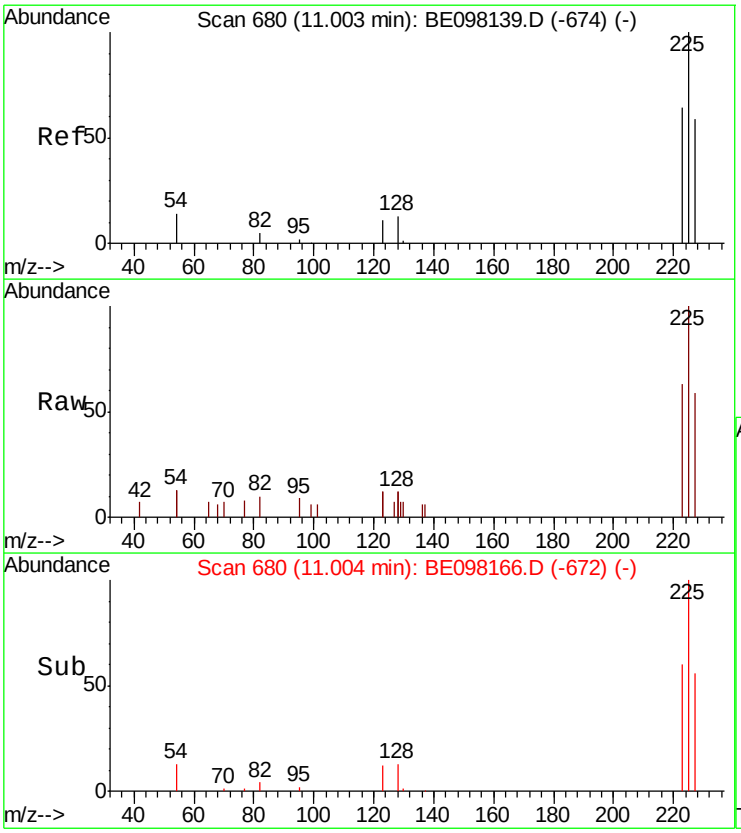
#9
Naphthalene
Concen: 0.409 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 19496

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.8	2.8	4.2

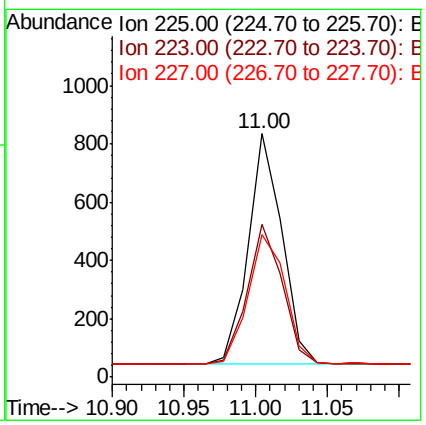


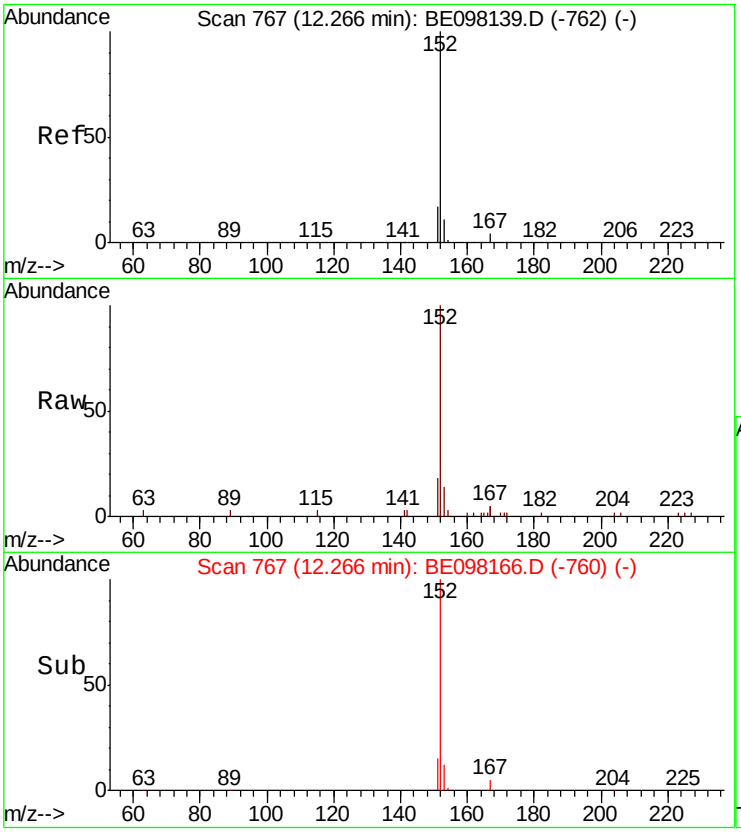


#10
Hexachlorobutadiene
Concen: 0.415 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:225 Resp: 1297

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.8	77.8
227	62.0	53.0	79.6



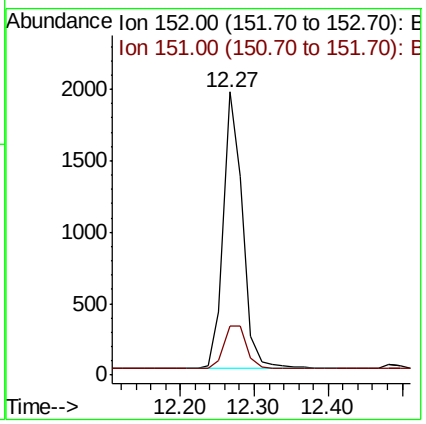


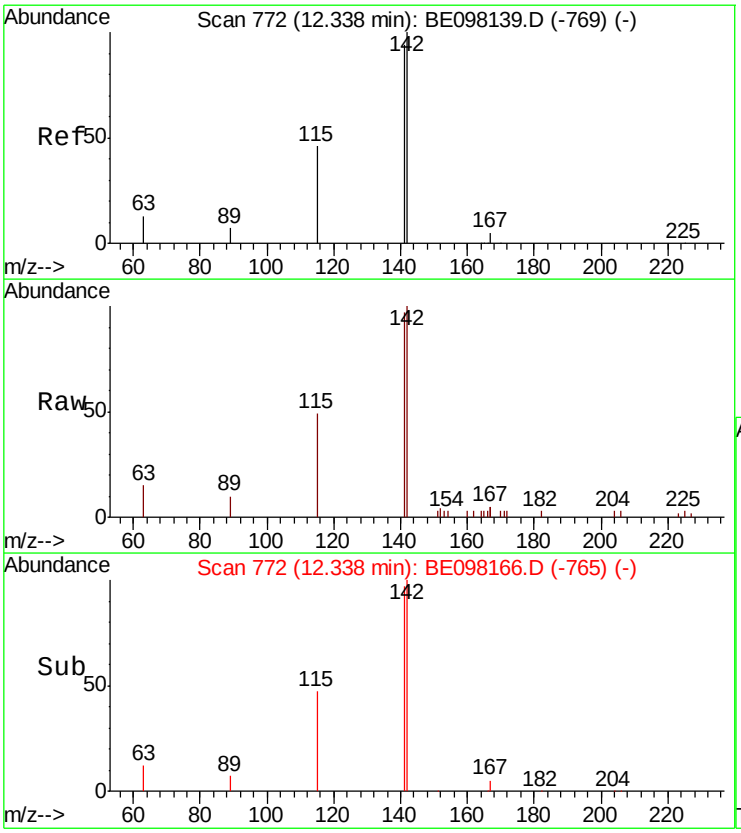
#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3490

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4

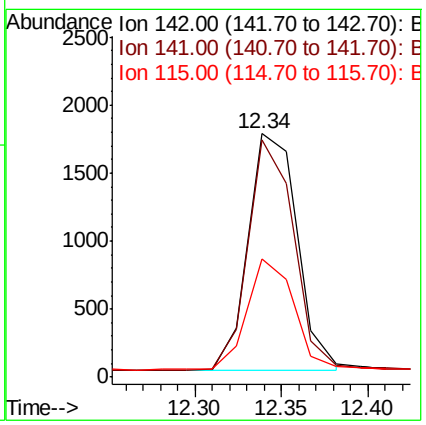


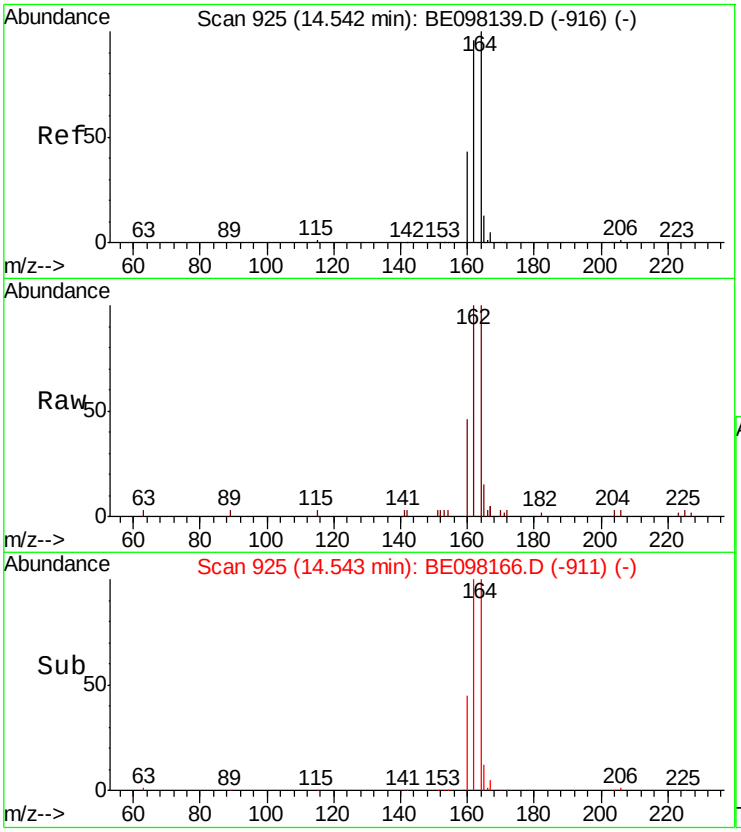


#12
2-Methylnaphthalene
Concen: 0.409 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:142 Resp: 3477

Ion	Ratio	Lower	Upper
142	100		
141	97.3	69.8	104.6
115	48.6	30.5	45.7#



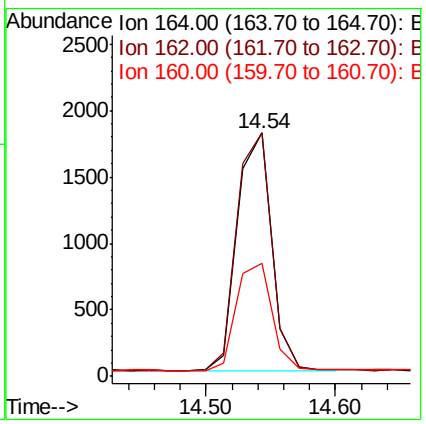


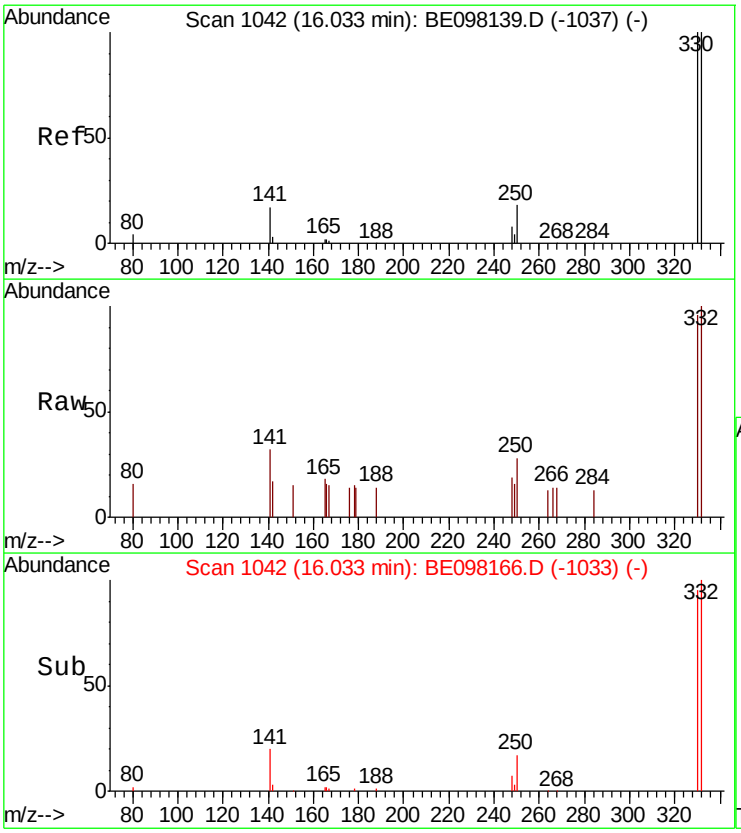
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3257

Ion	Ratio	Lower	Upper
164	100		
162	99.9	77.4	116.2
160	46.4	36.5	54.7

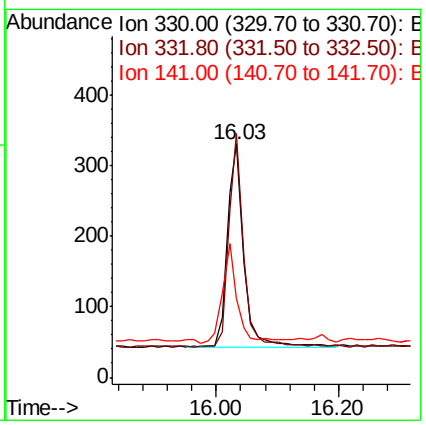


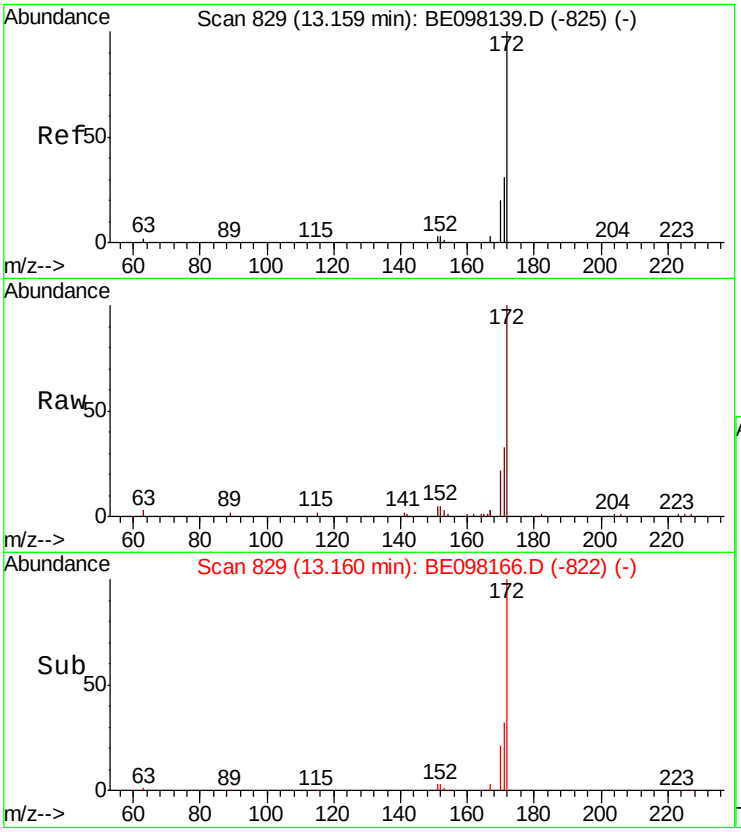


#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:330 Resp: 538

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.5	114.7
141	45.2	31.8	47.6



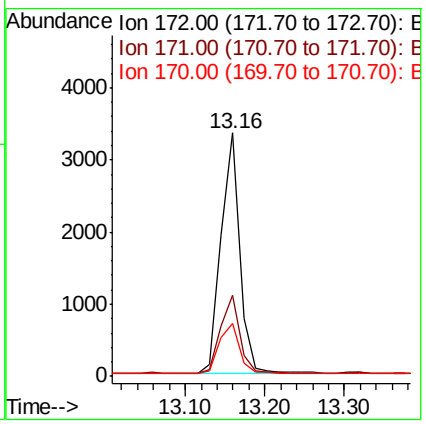


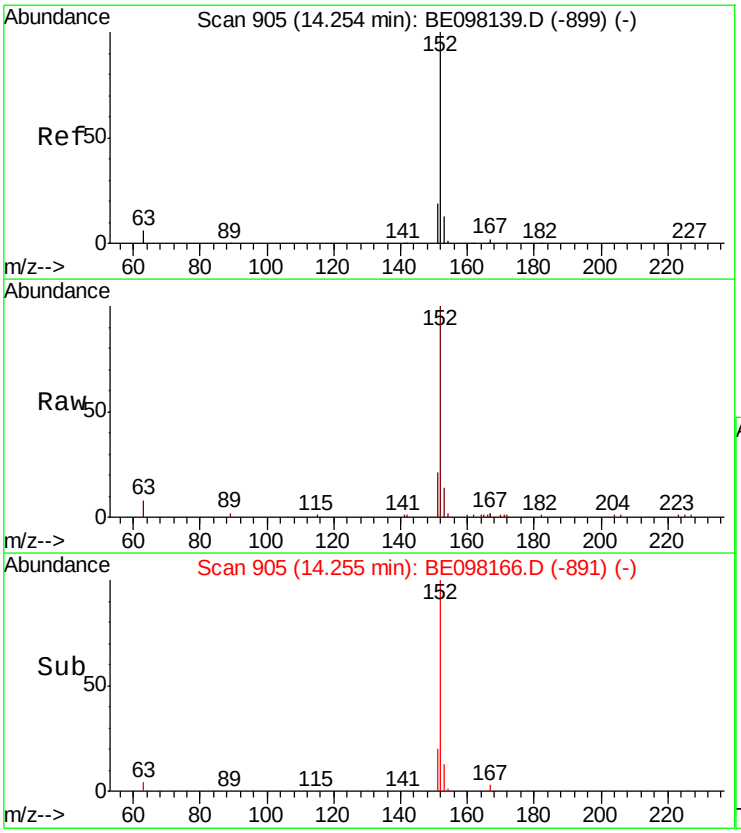
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5432

Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.0	39.0
170	21.9	18.0	27.0

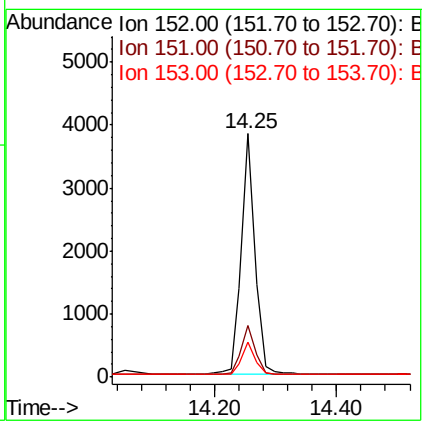


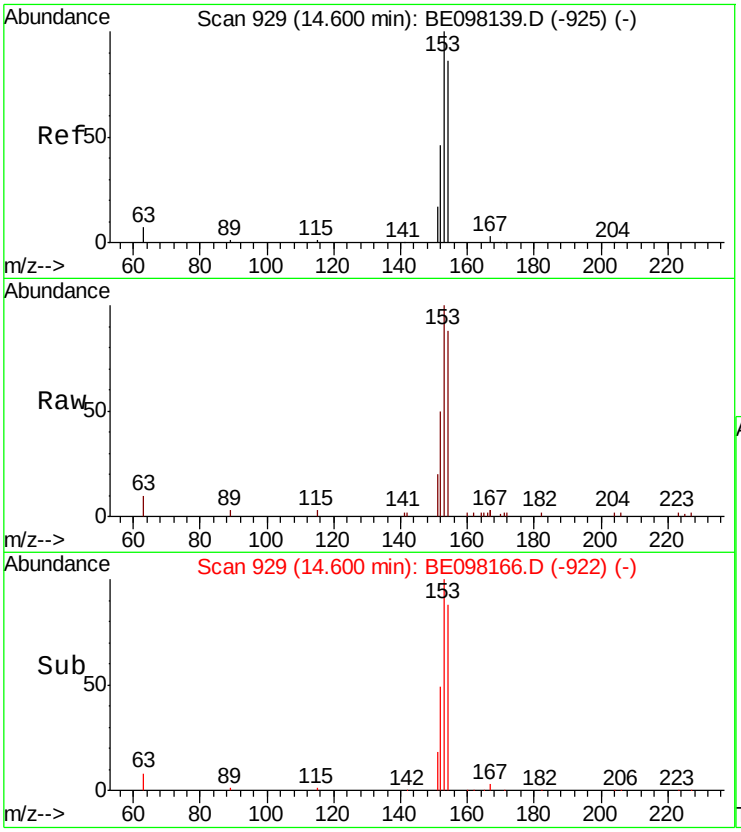


#16
Acenaphthylene
Concen: 0.402 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:152 Resp: 5973

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	12.7	10.9	16.3



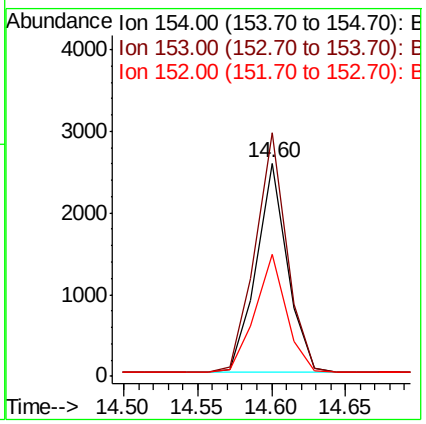


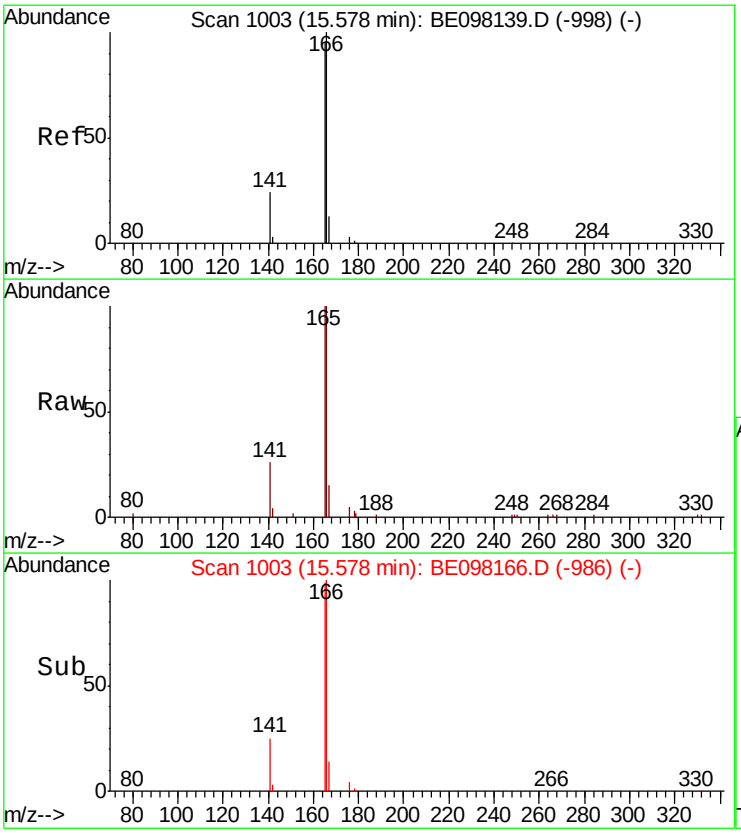
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3719

Ion	Ratio	Lower	Upper
154	100		
153	117.1	92.6	139.0
152	57.5	45.5	68.3

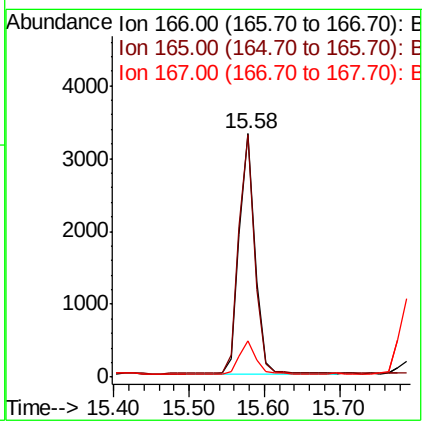


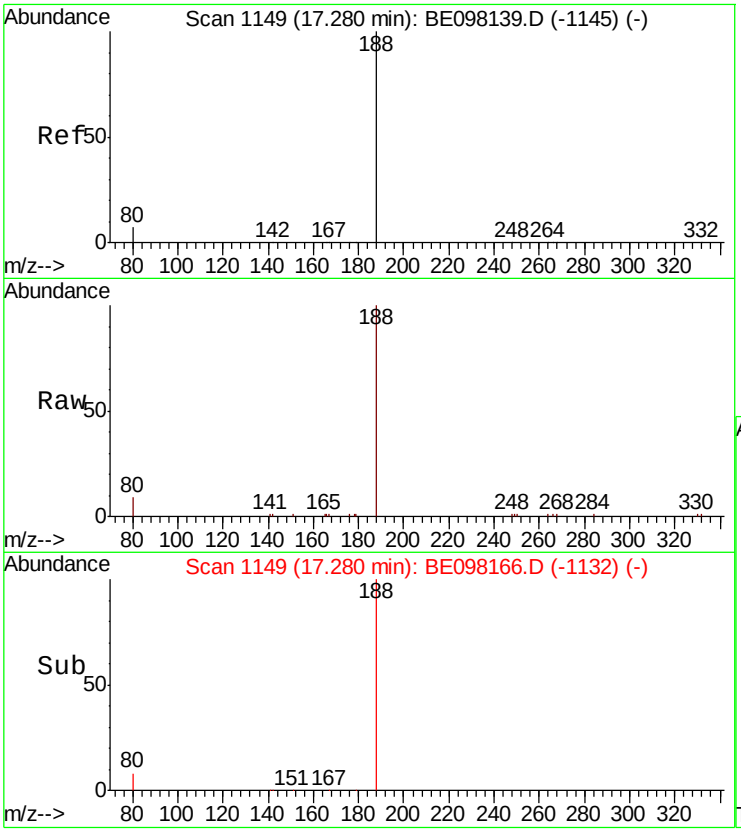


#18
Fluorene
Concen: 0.411 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:166 Resp: 4864

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.4
167	13.6	11.0	16.6



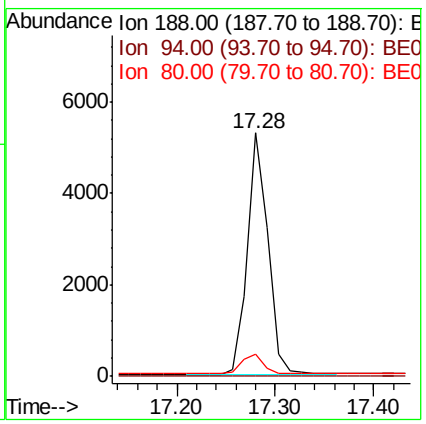


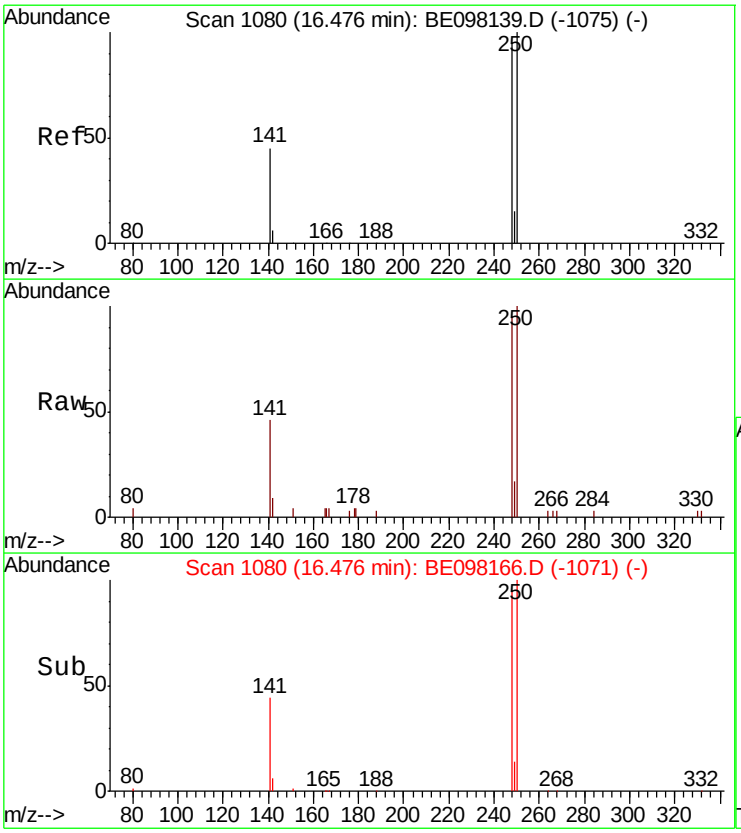
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7636

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.3	9.5

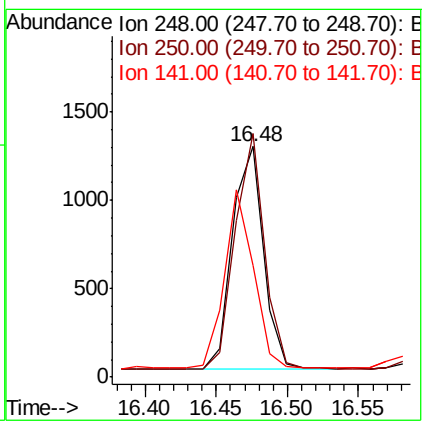


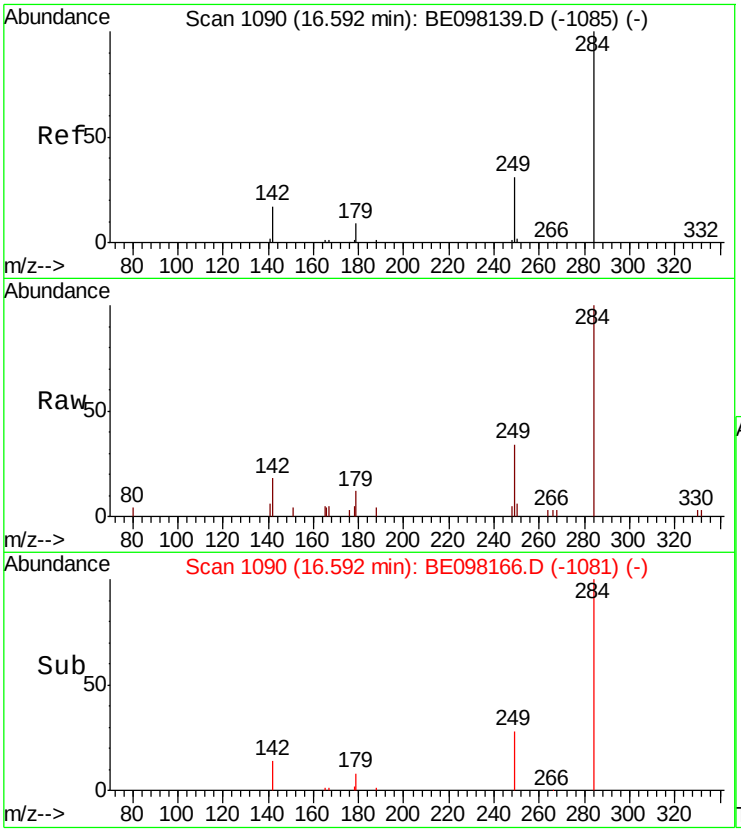


#20
4-Bromophenyl-phenylether
Concen: 0.415 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:248 Resp: 1932

Ion	Ratio	Lower	Upper
248	100		
250	105.5	75.1	112.7
141	48.4	51.8	77.8#



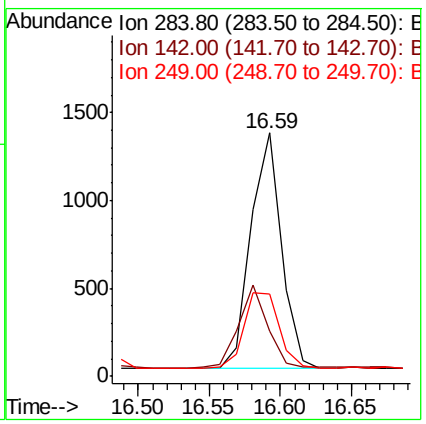


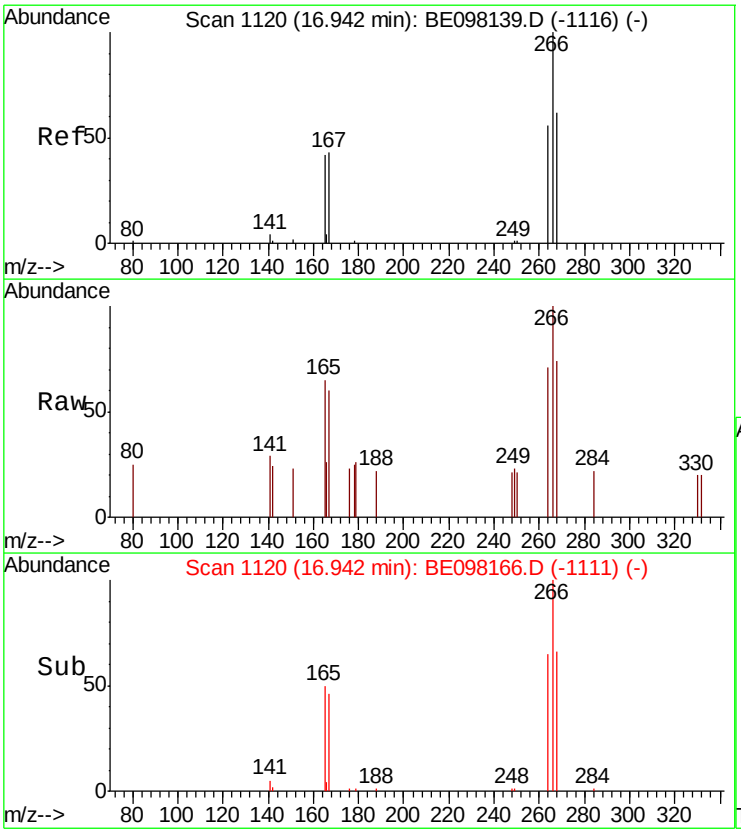
#21
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1997

Ion	Ratio	Lower	Upper
284	100		
142	33.0	25.9	38.9
249	36.7	26.6	40.0

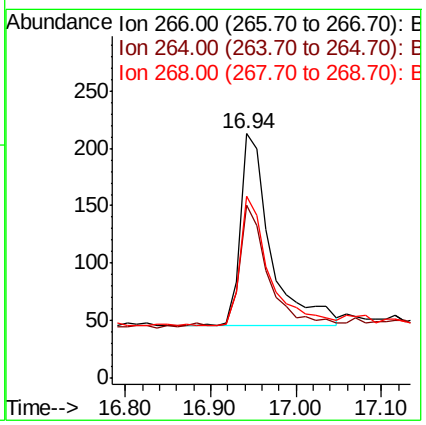


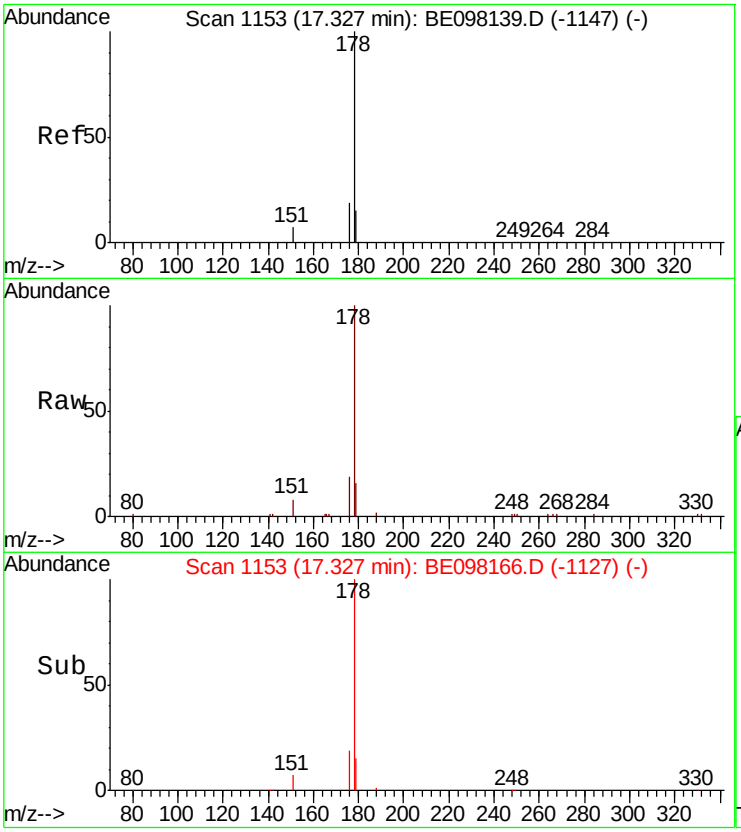


#22
Pentachlorophenol
Concen: 0.423 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:266 Resp: 416

Ion	Ratio	Lower	Upper
266	100		
264	70.9	51.3	76.9
268	74.2	50.1	75.1



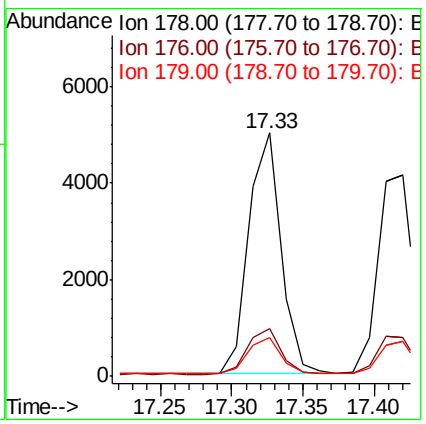


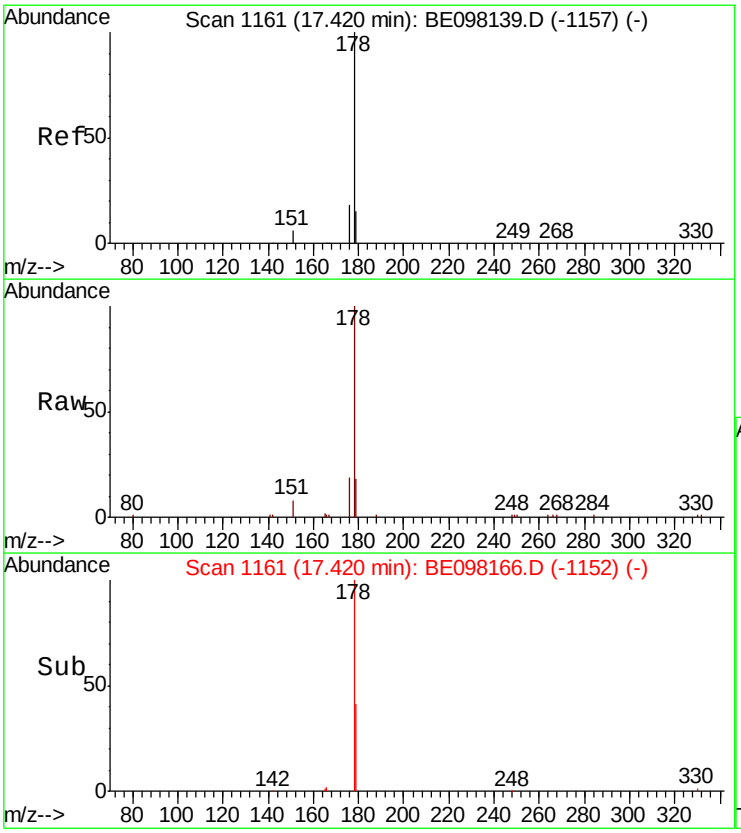
#23
Phenanthrene
Concen: 0.417 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7891

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.6	12.2	18.4

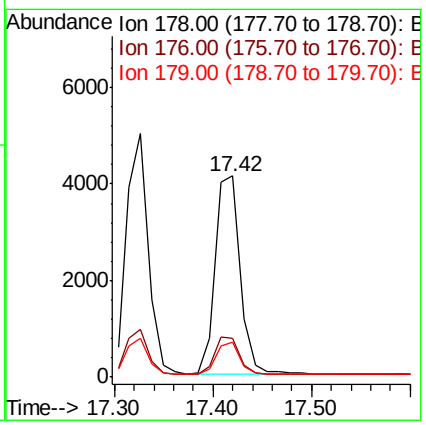


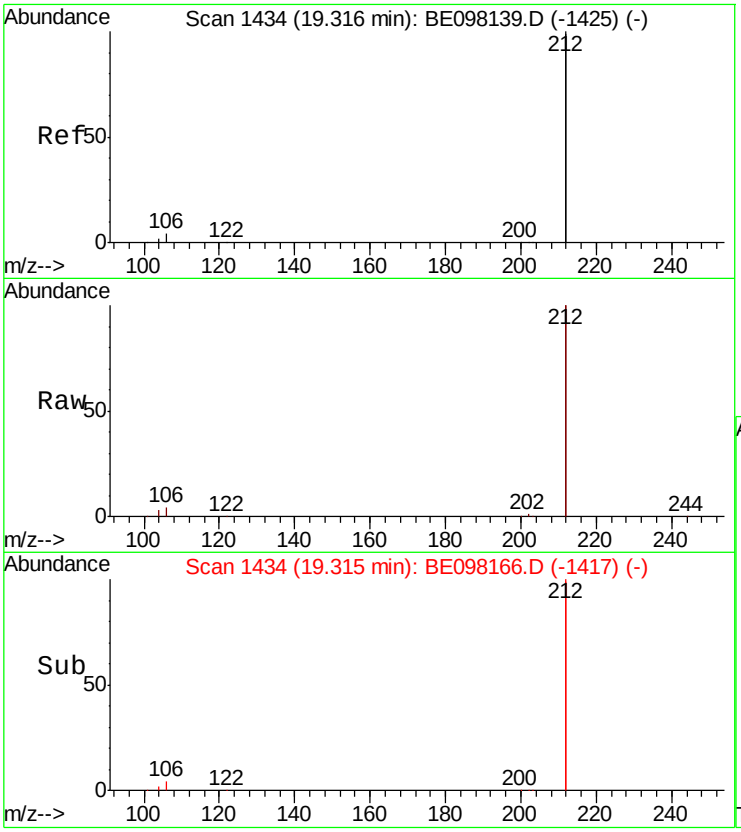


#24
Anthracene
Concen: 0.400 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:178 Resp: 7199

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	15.5	11.9	17.9



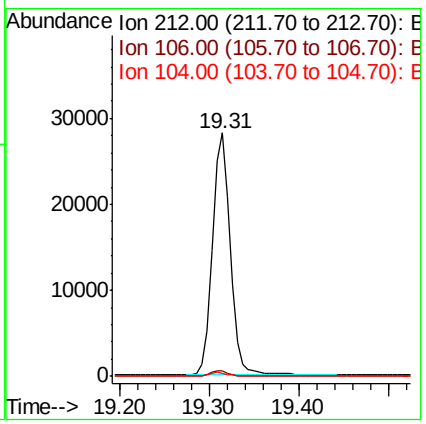


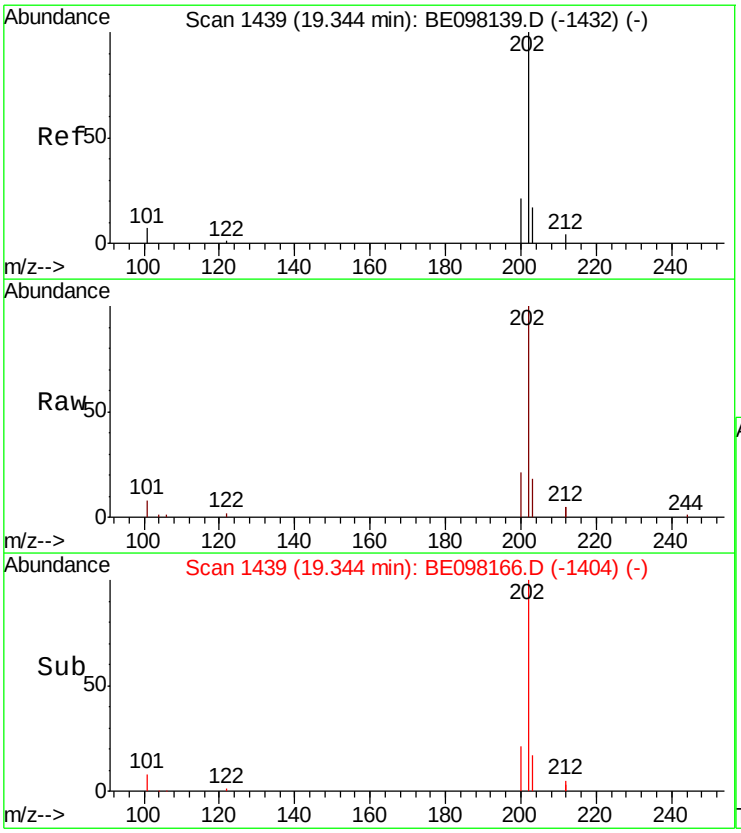
#25
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 38874

Ion	Ratio	Lower	Upper
212	100		
106	2.2	2.3	3.5#
104	1.3	1.3	1.9

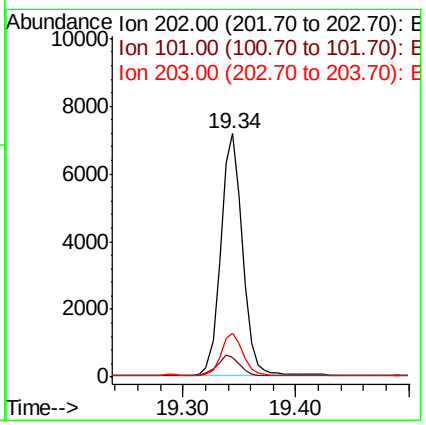


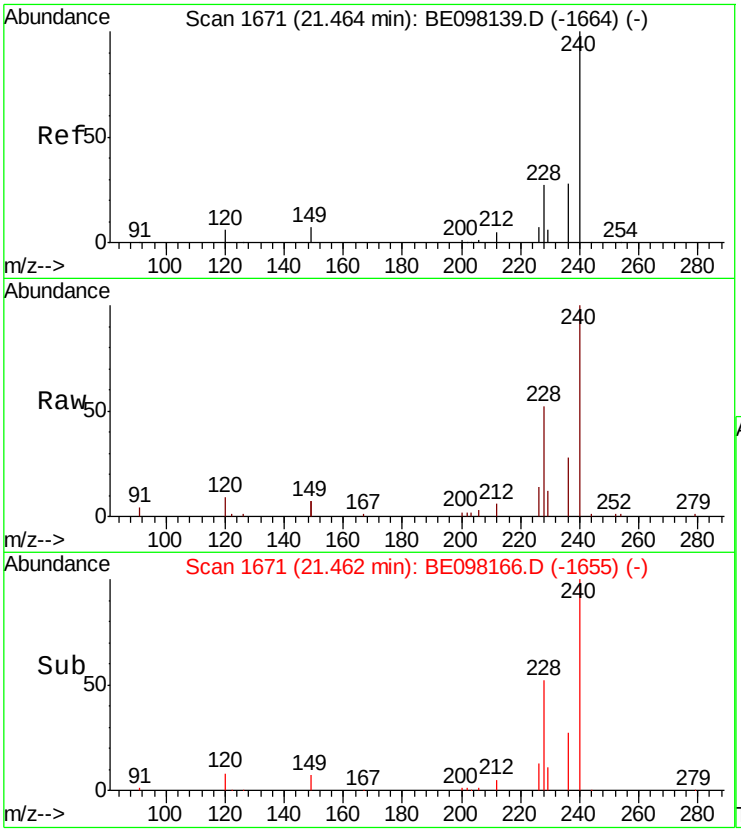


#26
Fluoranthene
Concen: 0.402 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:202 Resp: 9536

Ion	Ratio	Lower	Upper
202	100		
101	8.7	8.2	12.2
203	17.5	15.0	22.4



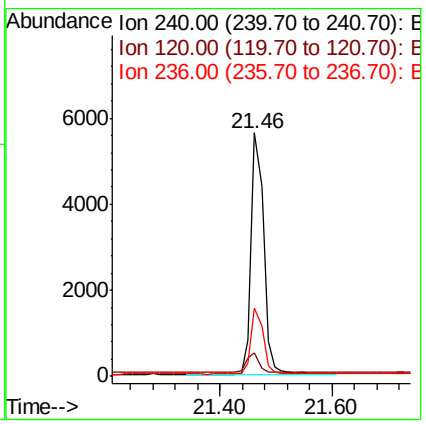


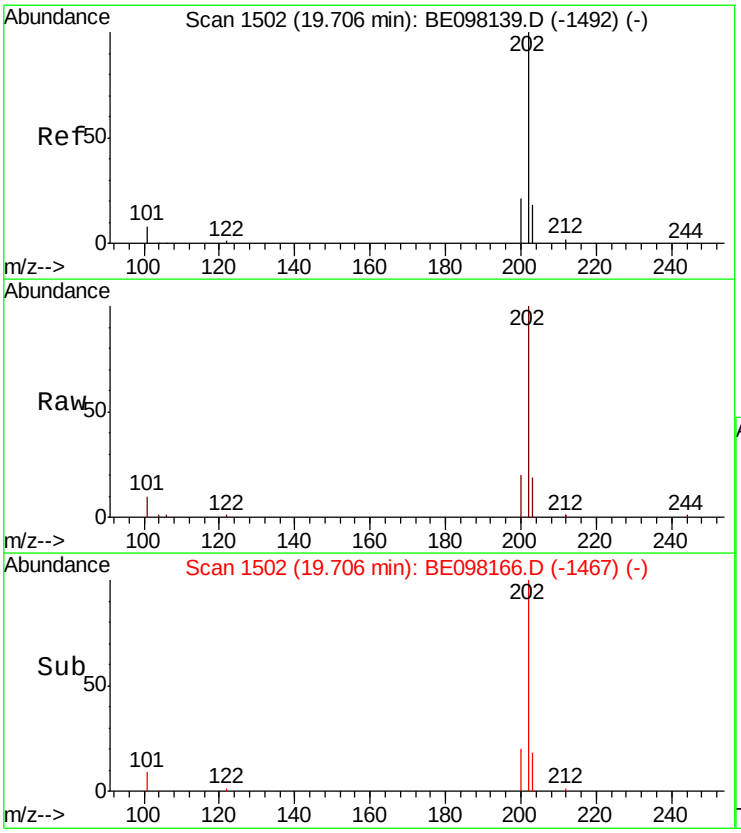
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8743

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.1	10.7
236	28.1	21.3	31.9

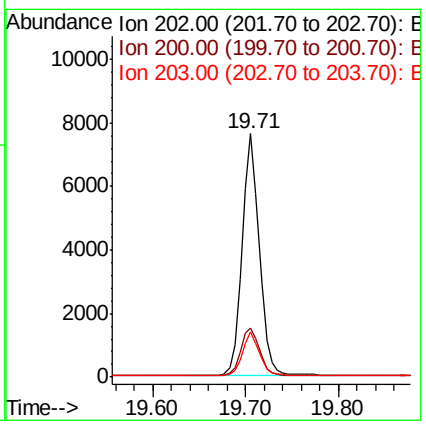


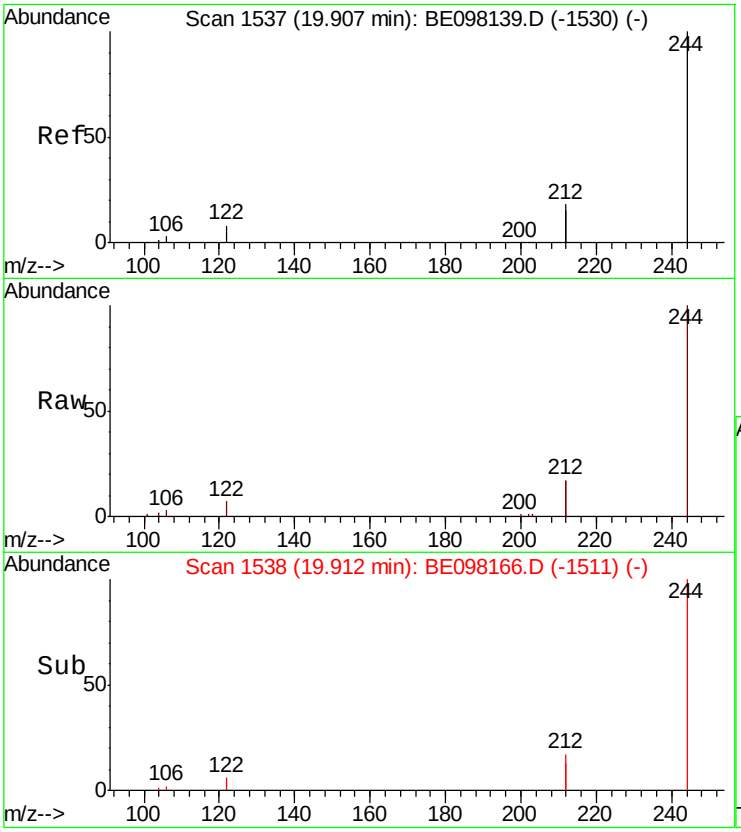


#28
Pyrene
Concen: 0.410 ng
RT: 19.71 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:202 Resp: 9784

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.8	14.2	21.4



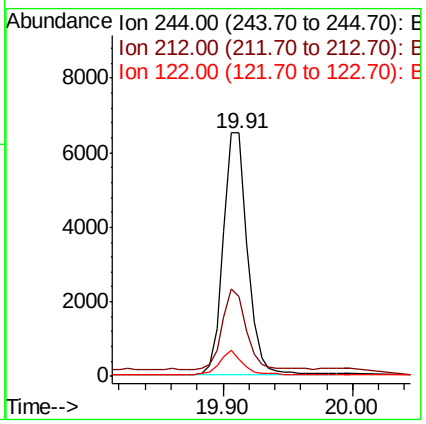


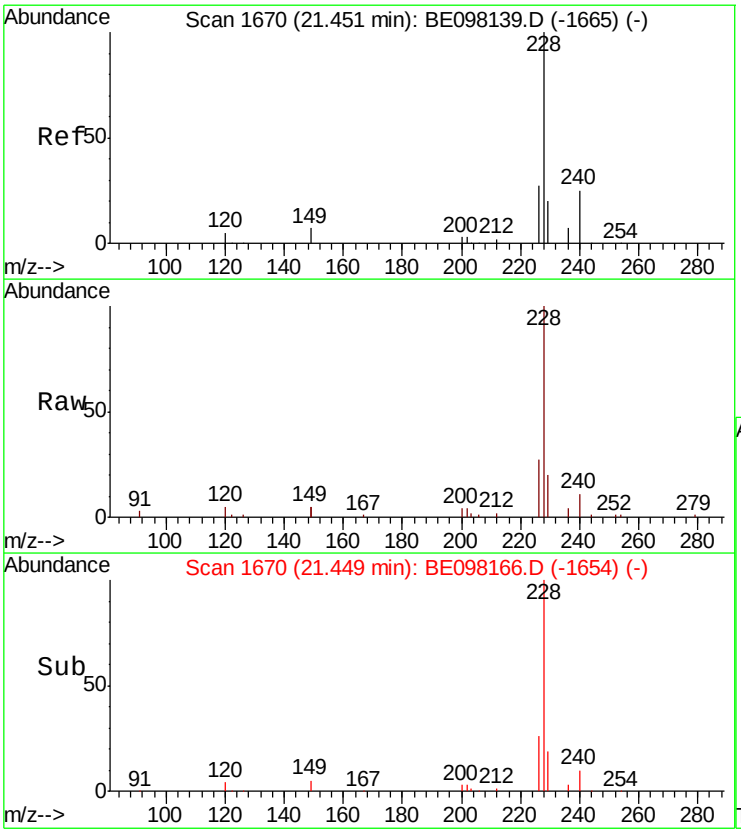
#29
Terphenyl-d14
Concen: 0.412 ng
RT: 19.91 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8376

Ion	Ratio	Lower	Upper
244	100		
212	33.0	26.2	39.2
122	6.8	7.7	11.5#

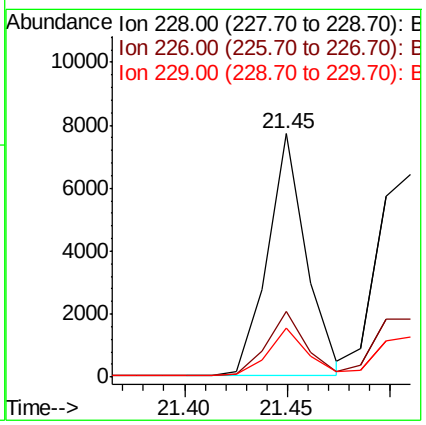


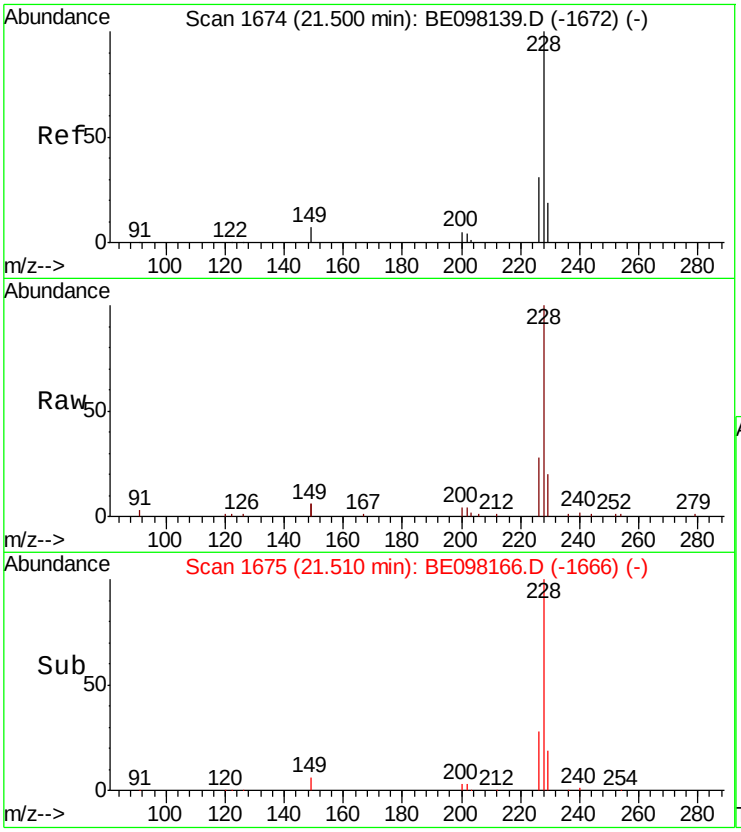


#30
Benzo(a)anthracene
Concen: 0.395 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:228 Resp: 10107

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	20.0	16.9	25.3



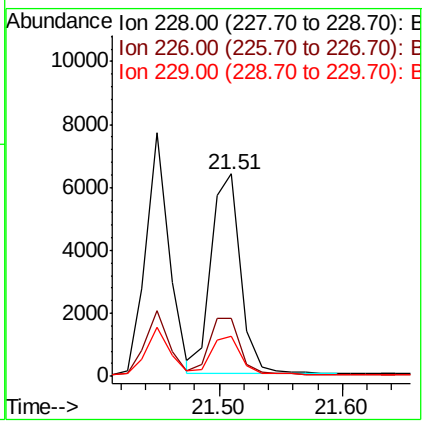


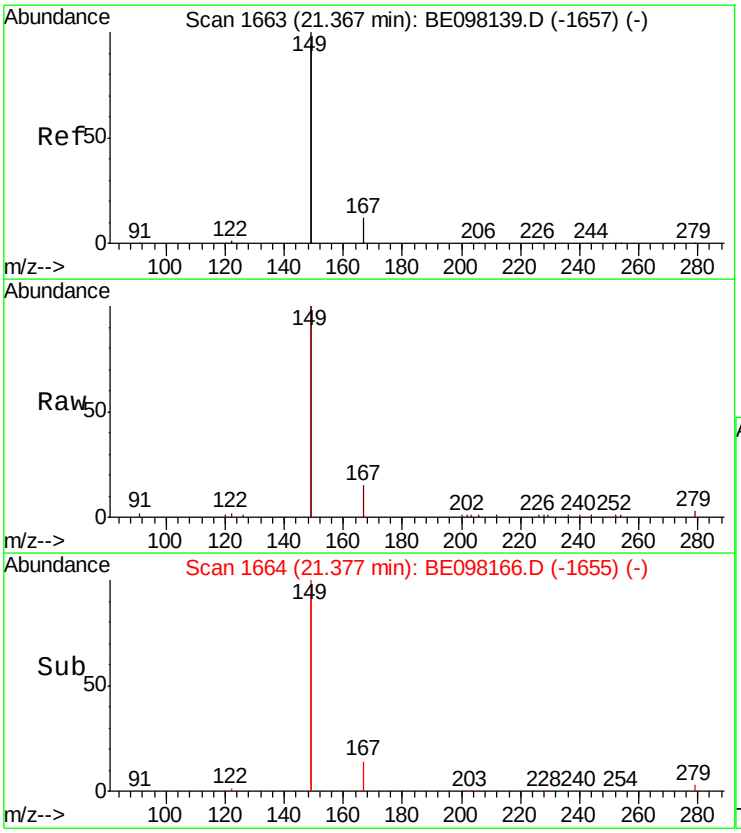
#31
Chrysene
Concen: 0.417 ng
RT: 21.51 min Scan# 1675
Delta R.T. 0.01 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10548

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.3	36.5
229	19.8	17.3	25.9

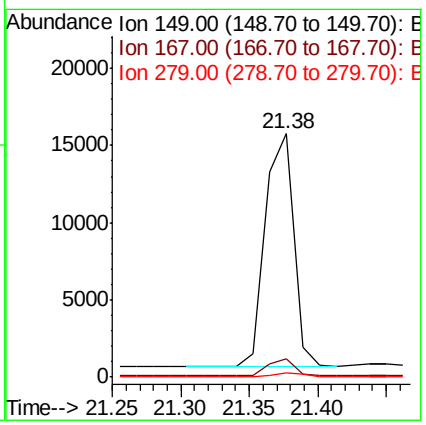


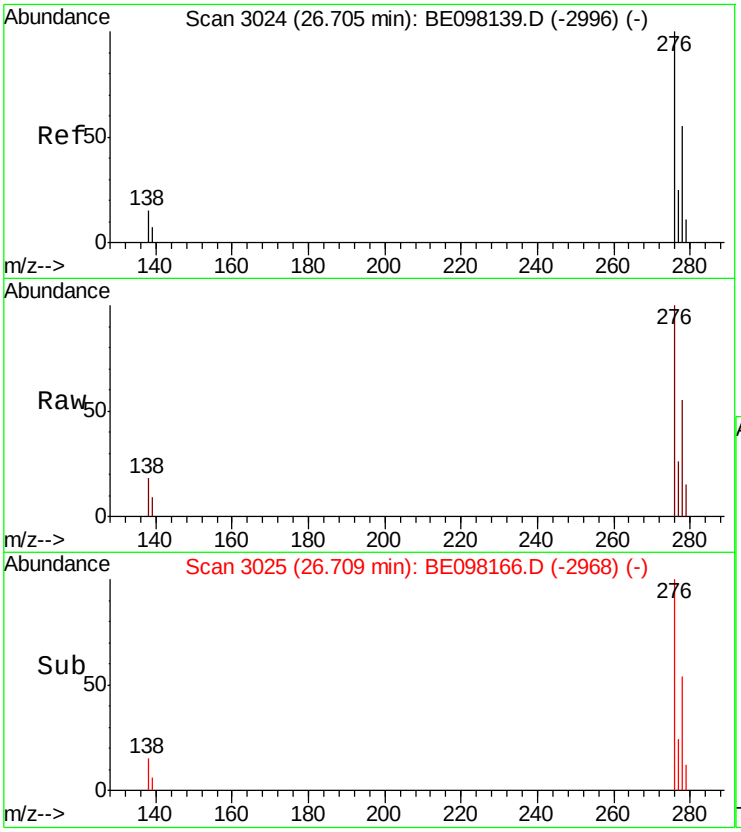


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.239 ng
RT: 21.38 min Scan# 1664
Delta R.T. 0.01 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:149 Resp: 22024

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.6	8.4
279	1.3	0.9	1.3



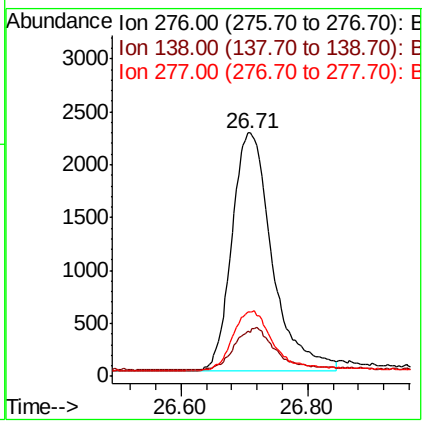


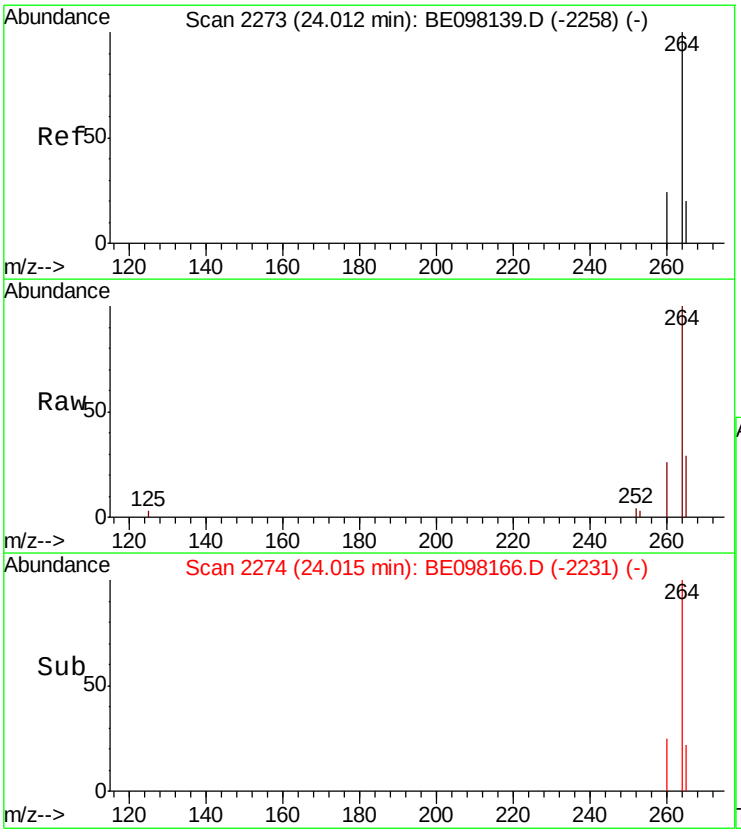
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 26.71 min Scan# 3025
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9961

Ion	Ratio	Lower	Upper
276	100		
138	17.3	17.0	25.6
277	24.5	20.5	30.7

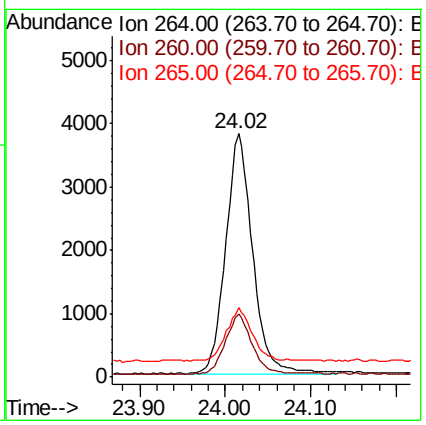


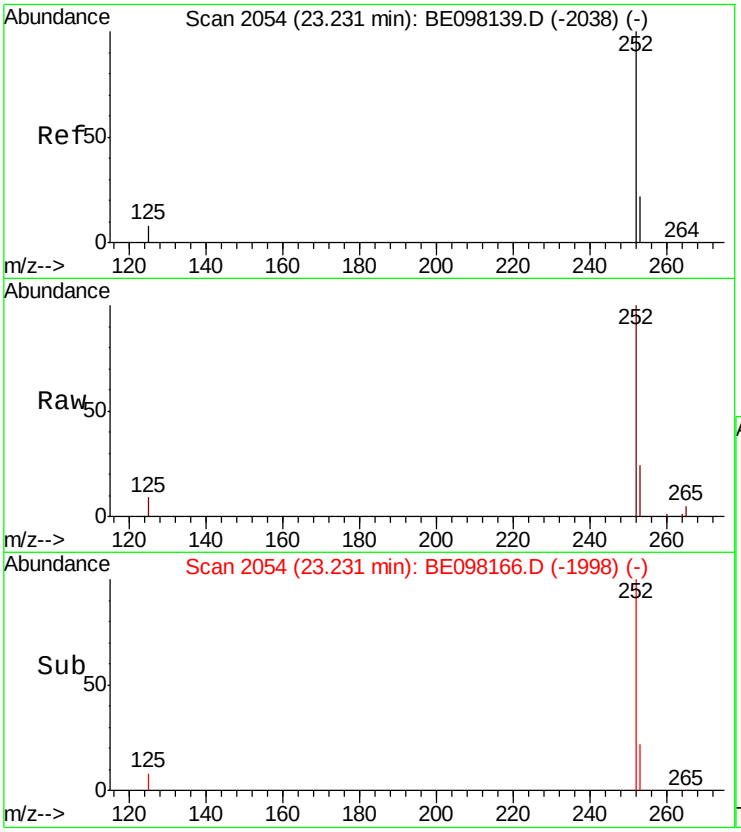


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:264 Resp: 8290

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.1	31.7
265	28.6	29.2	43.8#



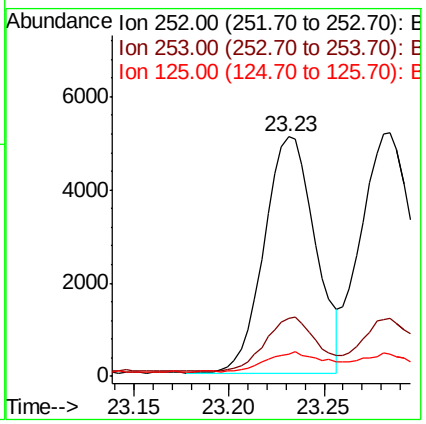


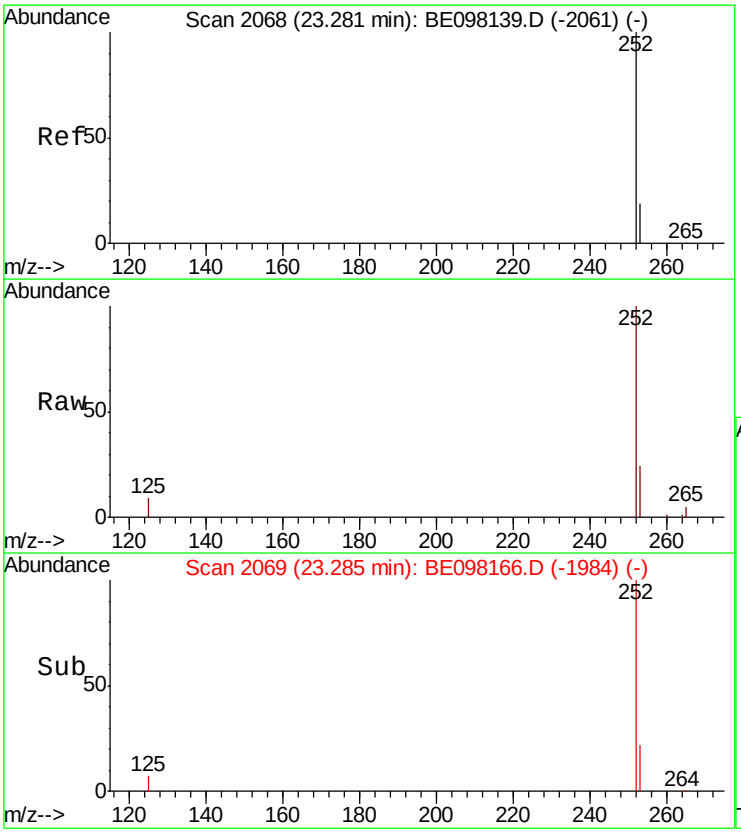
#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9478

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.6	31.0
125	9.4	14.3	21.5#

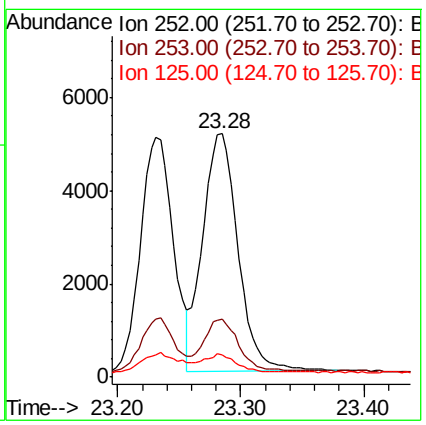


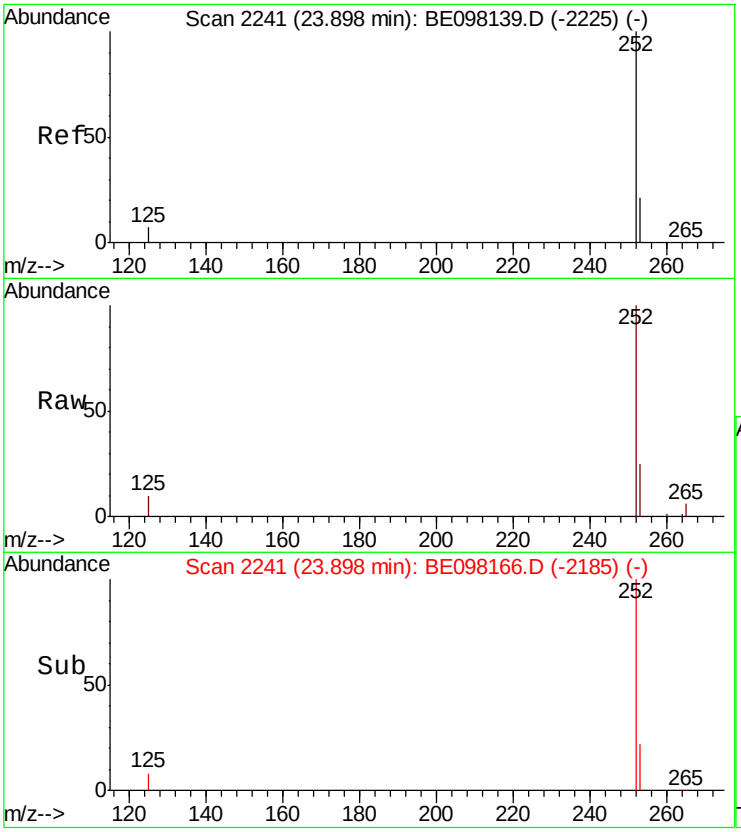


#36
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 23.28 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:252 Resp: 10207

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.4	30.6
125	9.0	14.6	21.8#



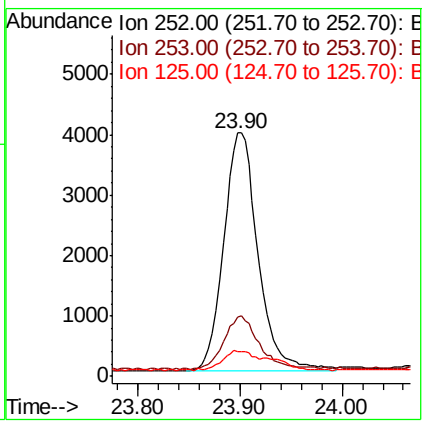


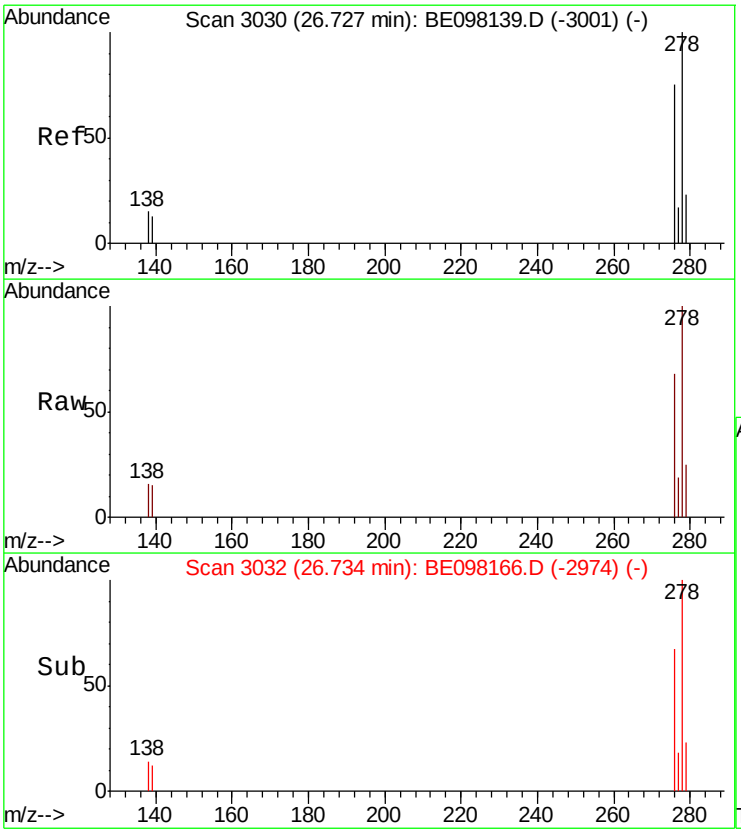
#37
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9279

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.6	31.0
125	10.2	15.6	23.4#

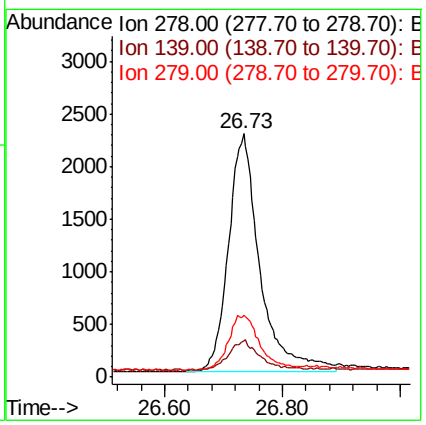


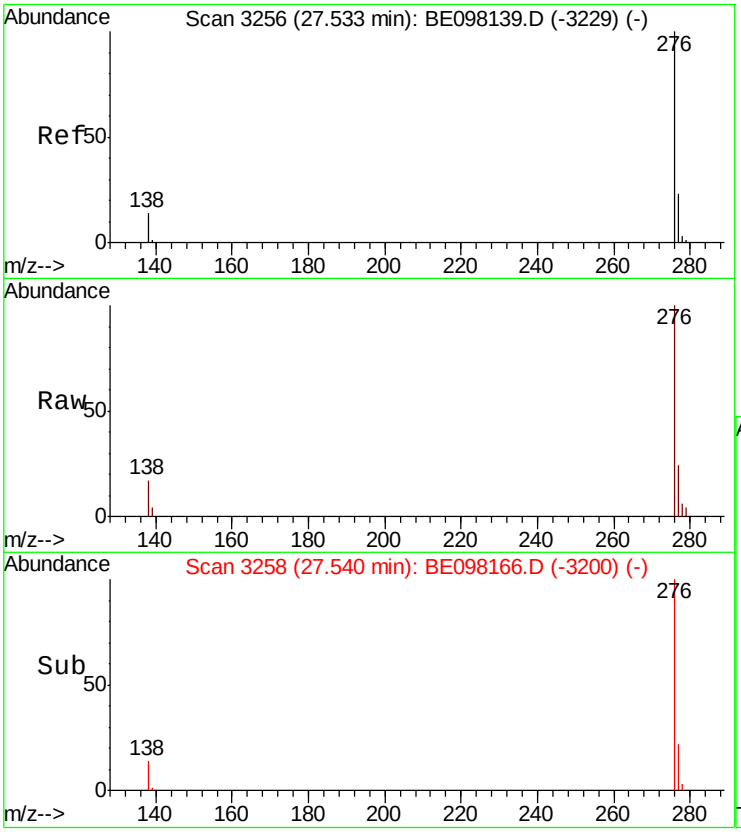


#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 26.73 min Scan# 3032
Delta R.T. 0.01 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Tgt Ion:278 Resp: 8373

Ion	Ratio	Lower	Upper
278	100		
139	15.1	16.3	24.5#
279	25.3	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.400 ng
RT: 27.54 min Scan# 3258
Delta R.T. 0.01 min
Lab File: BE098166.D
Acq: 7 Nov 2018 10:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8484

Ion	Ratio	Lower	Upper
276	100		
277	23.5	22.1	33.1
138	16.7	19.3	28.9#