Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
Data File : BE098140.D
Acq On : 1 Nov 2018 11:08
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Nov 01 11:47:51 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 11:18:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	920	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	4352	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	2846	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	7144	0.40	ng		0.00
27) Chrysene-d12	21.46	240	9115	0.40	ng		0.00
34) Perylene-d12	24.01	264	8926	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2048	0.74	ng		0.00
5) Phenol-d6	7.04	99	3360	0.72	ng		0.00
8) Nitrobenzene-d5	9.02	82	3672	0.79	ng		-0.01
11) 2-Methylnaphthalene-d10	12.27	152	6000	0.78	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	1091	0.76	ng		-0.01
15) 2-Fluorobiphenyl	13.16	172	9326	0.81	ng		0.00
25) Fluoranthene-d10	19.31	212	75858	0.83	ng		0.00
29) Terphenyl-d14	19.91	244	16261	0.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1052	0.743	ng		97
3) n-Nitrosodimethylamine	3.69	42	1509	0.799	ng	#	78
6) bis(2-Chloroethyl)ether	7.28	93	2493	0.767	ng		91
9) Naphthalene	10.72	128	34143	0.790	ng		100
10) Hexachlorobutadiene	11.00	225	2284	0.779	ng		96
12) 2-Methylnaphthalene	12.34	142	6198	0.793	ng	#	92
16) Acenaphthylene	14.25	152	10526	0.817	ng		99
17) Acenaphthene	14.60	154	6070	0.779	ng		97
18) Fluorene	15.58	166	8353	0.795	ng		97
20) 4-Bromophenyl-phenylether	16.48	248	3406	0.790	ng	#	85
21) Hexachlorobenzene	16.59	284	3460	0.769	ng		97
22) Pentachlorophenol	16.94	266	764	2.039	ng		95
23) Phenanthrene	17.33	178	13857	0.790	ng		99
24) Anthracene	17.41	178	13232	0.769	ng		99
26) Fluoranthene	19.34	202	18422	0.843	ng		96
28) Pyrene	19.70	202	19224	0.764	ng		100
30) Benzo(a)anthracene	21.45	228	21222	0.788	ng		98
31) Chrysene	21.50	228	20942	0.800	ng		98
32) Bis(2-ethylhexyl)phthalate	21.37	149	56794	0.888	ng		100
33) Indeno(1,2,3-cd)pyrene	26.71	276	21801	0.763	ng	#	95
35) Benzo(b)fluoranthene	23.23	252	20017	0.808	ng	#	87
36) Benzo(k)fluoranthene	23.28	252	20428	0.793	ng	#	86
37) Benzo(a)pyrene	23.90	252	19141	0.786	ng	#	87
38) Dibenzo(a,h)anthracene	26.73	278	18546	0.781	ng	#	90
39) Benzo(g,h,i)perylene	27.53	276	18068	0.768	ng	#	88

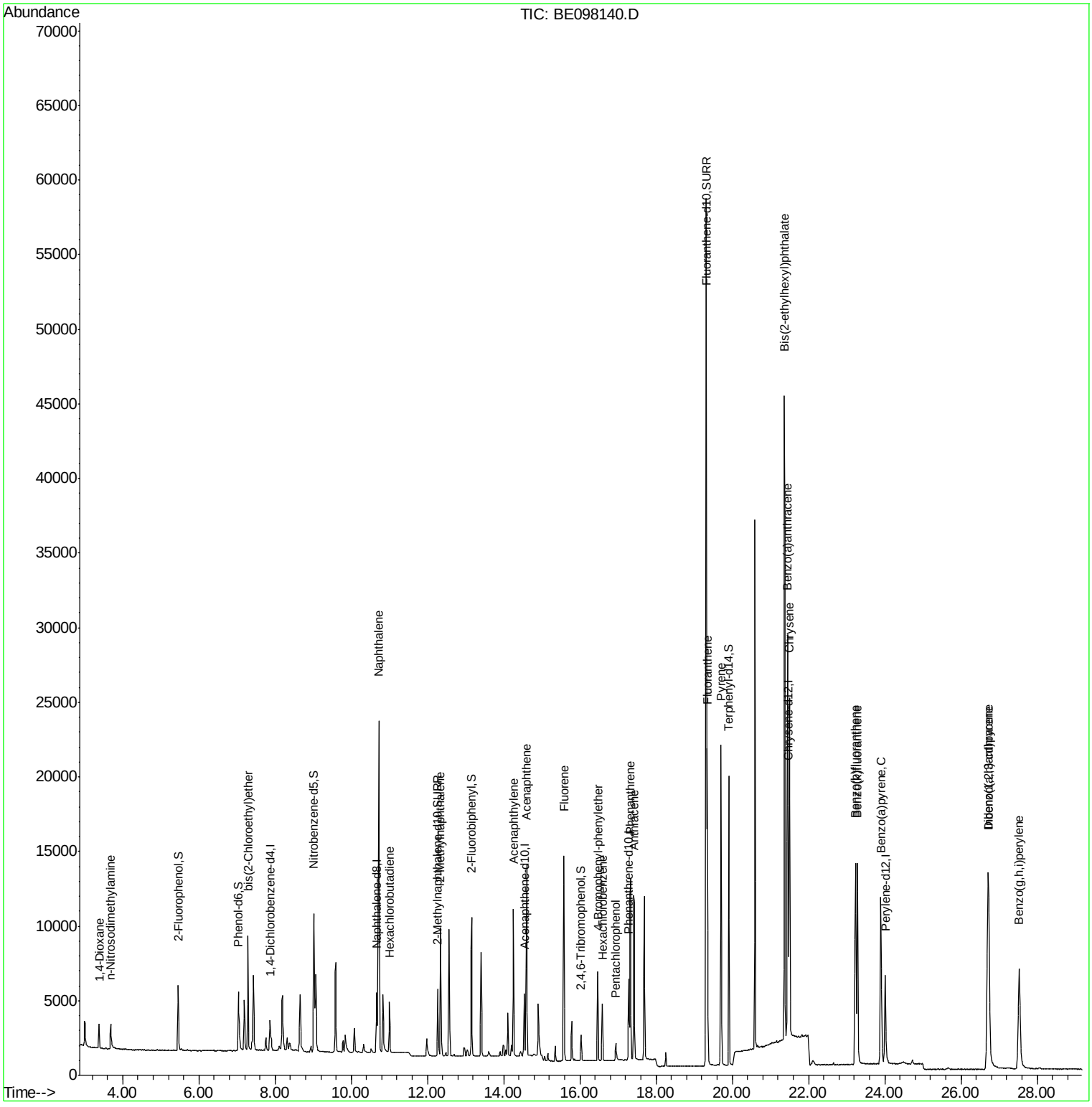
(#) = qualifier out of range (m) = manual integration (+) = signals summed

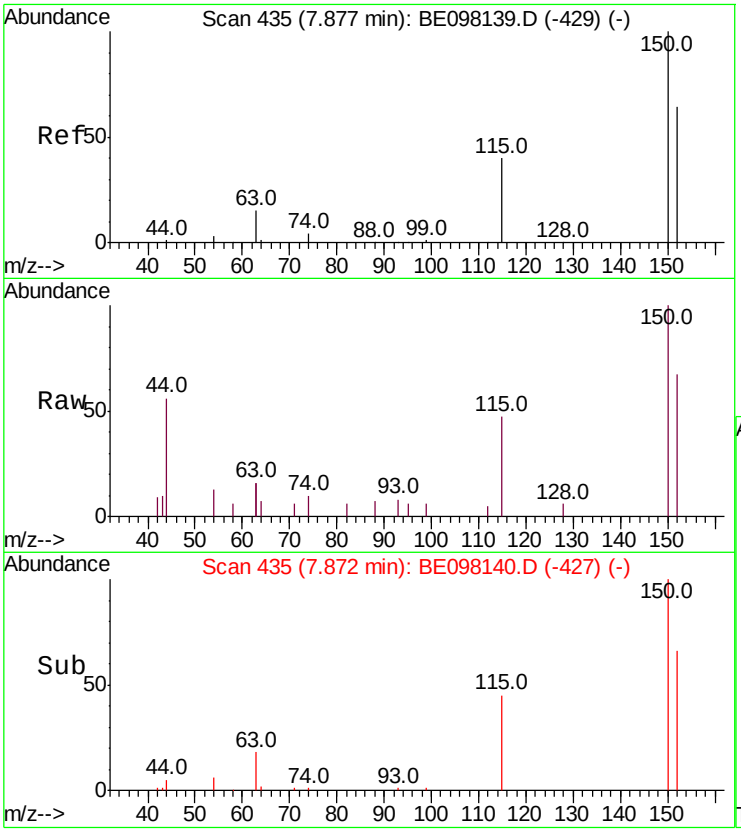
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
Data File : BE098140.D
Acq On : 1 Nov 2018 11:08
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 01 11:47:51 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 11:18:18 2018
Response via : Initial Calibration



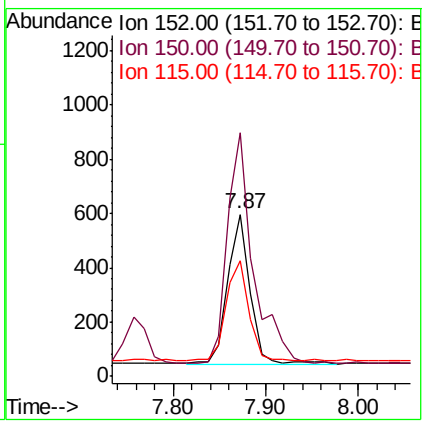


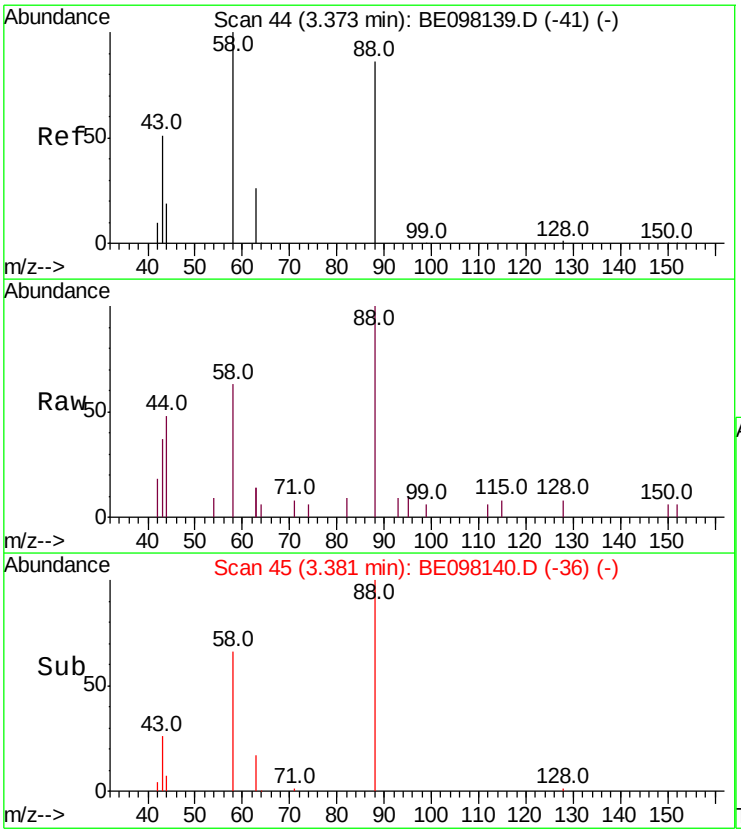
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 920

Ion	Ratio	Lower	Upper
152	100		
150	150.3	118.2	177.4
115	71.0	50.9	76.3

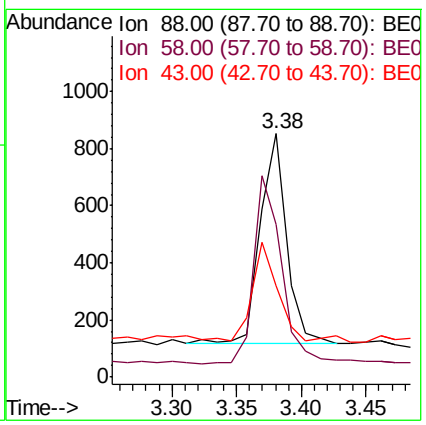


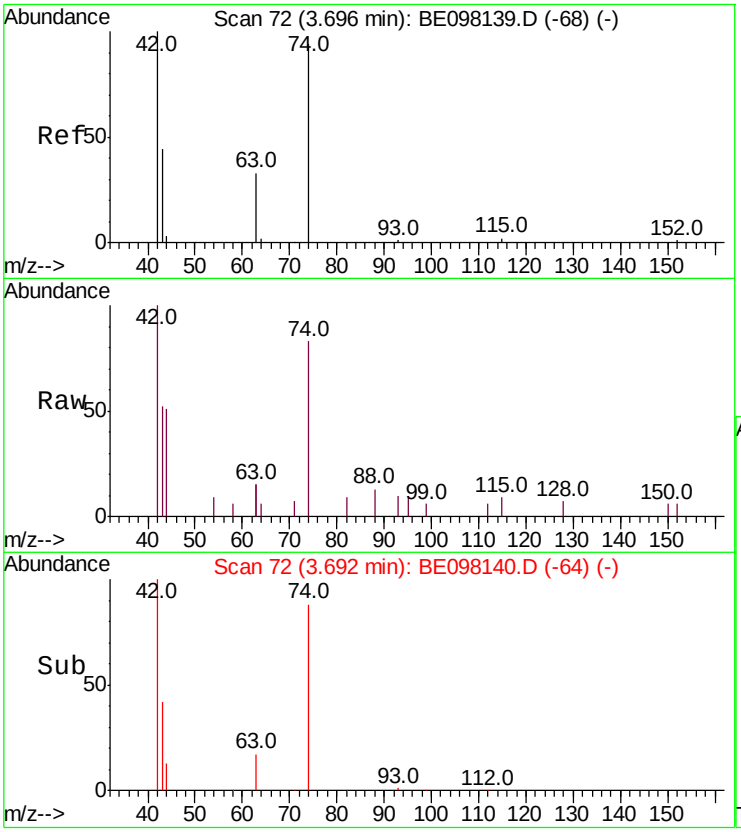


#2
1,4-Dioxane
Concen: 0.743 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion: 88 Resp: 1052

Ion	Ratio	Lower	Upper
88	100		
58	93.6	73.2	109.8
43	44.0	36.9	55.3



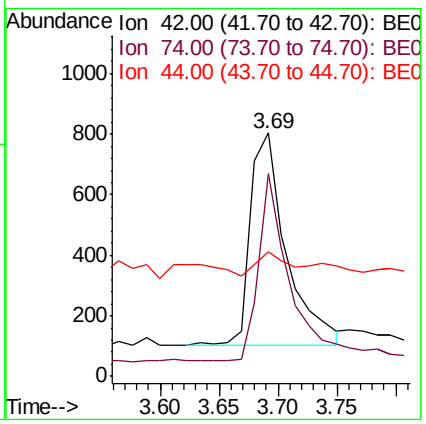


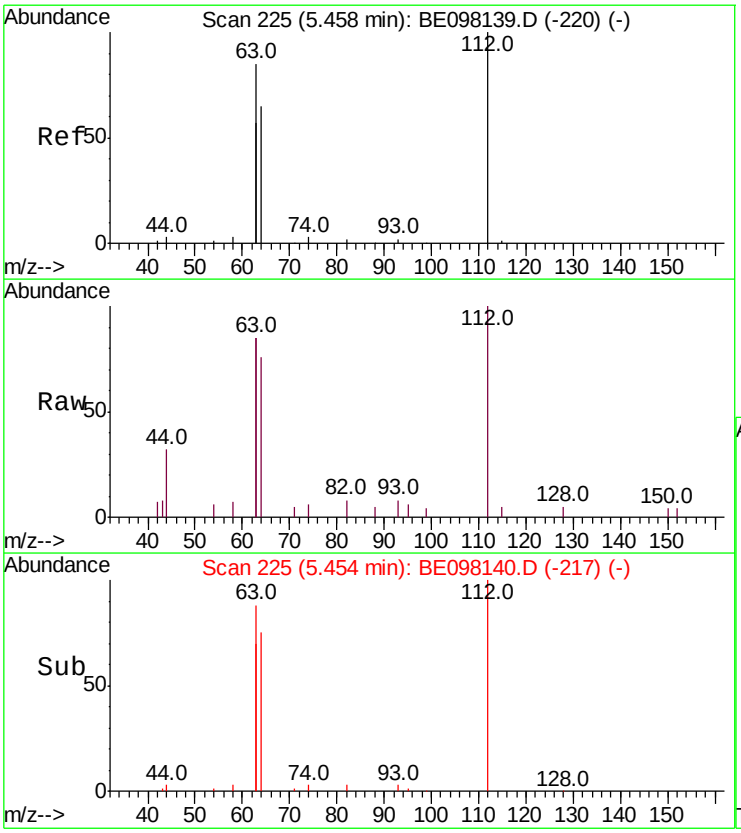
#3
n-Nitrosodimethylamine
Concen: 0.799 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1509

Ion	Ratio	Lower	Upper
42	100		
74	74.0	77.6	116.4#
44	10.8	7.6	11.4

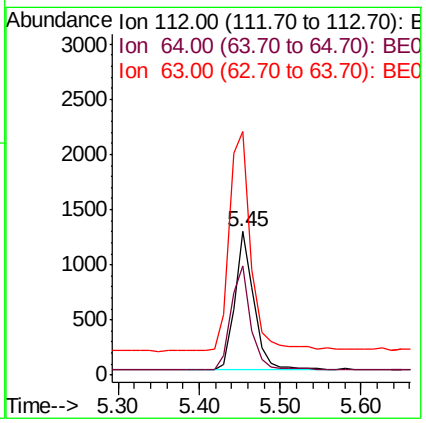


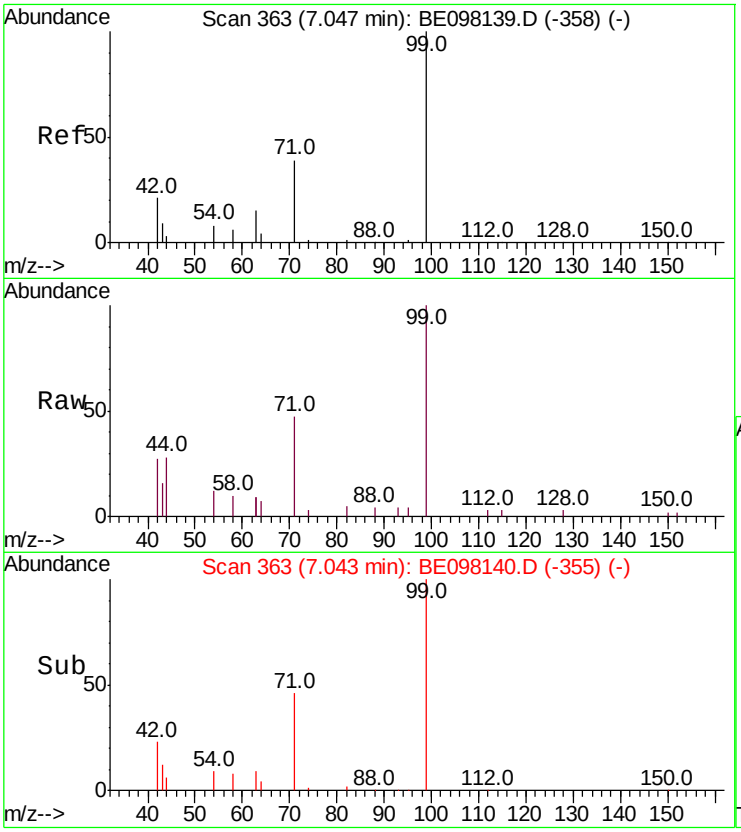


#4
2-Fluorophenol
Concen: 0.735 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:112 Resp: 2048

Ion	Ratio	Lower	Upper
112	100		
64	79.5	58.9	88.3
63	178.6	120.3	180.5



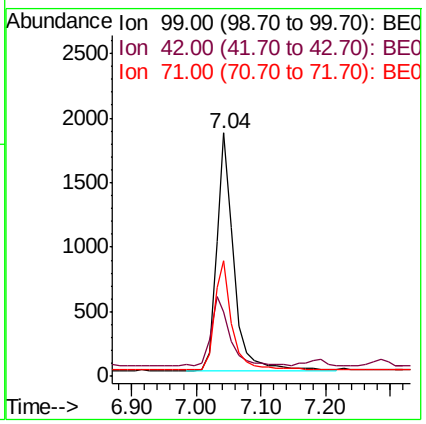


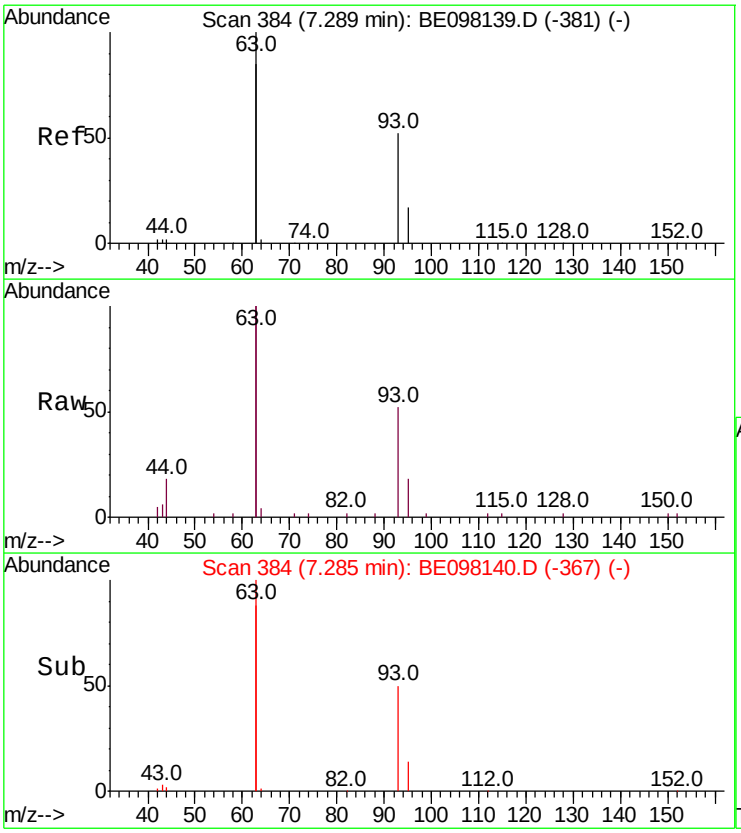
#5
Phenol-d6
Concen: 0.724 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 3360

Ion	Ratio	Lower	Upper
99	100		
42	32.6	19.9	29.9#
71	47.8	27.8	41.8#

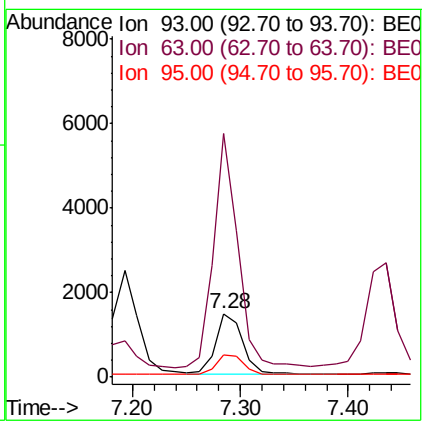


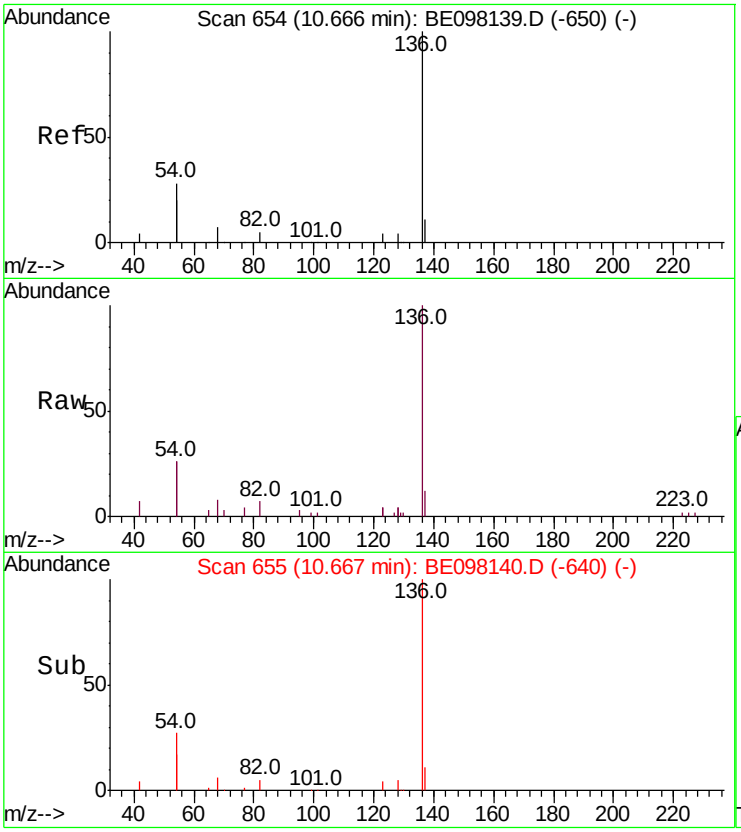


#6
bis(2-Chloroethyl)ether
Concen: 0.767 ng
RT: 7.28 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion: 93 Resp: 2493

Ion	Ratio	Lower	Upper
93	100		
63	344.8	259.0	388.4
95	34.0	27.8	41.8



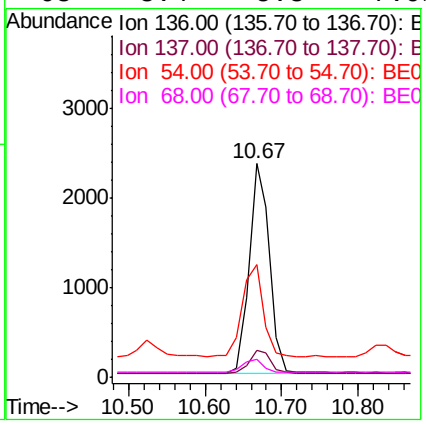


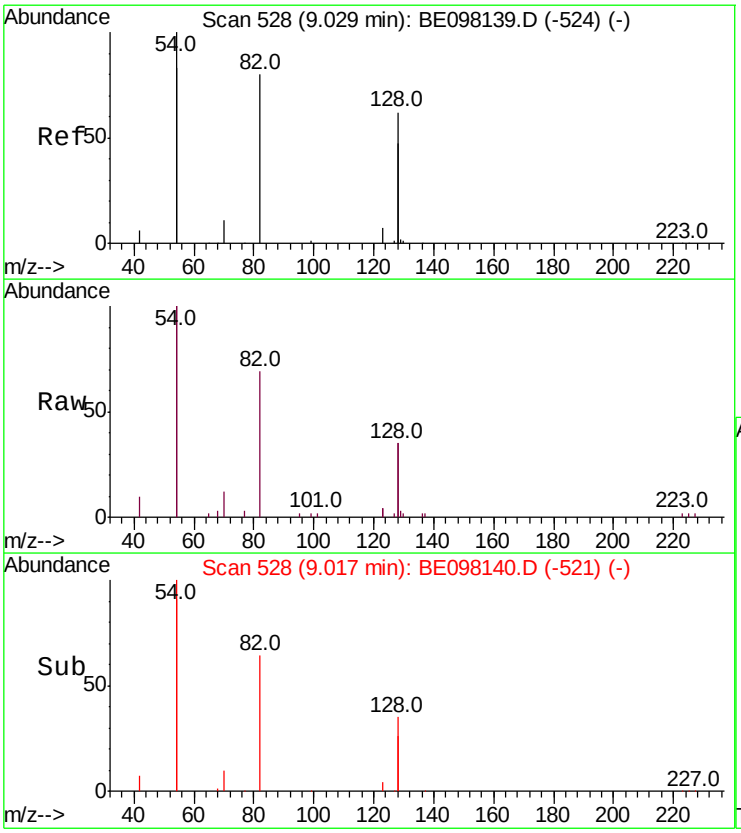
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 4352

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	52.8	27.7	41.5#
68	8.4	5.3	7.9#

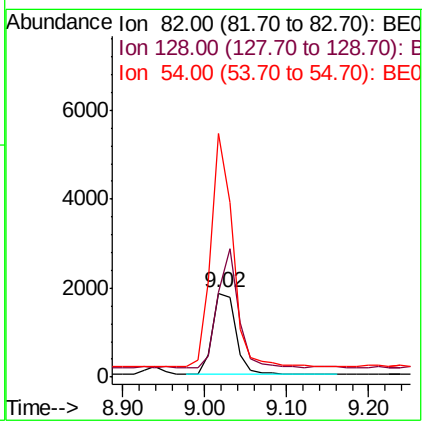


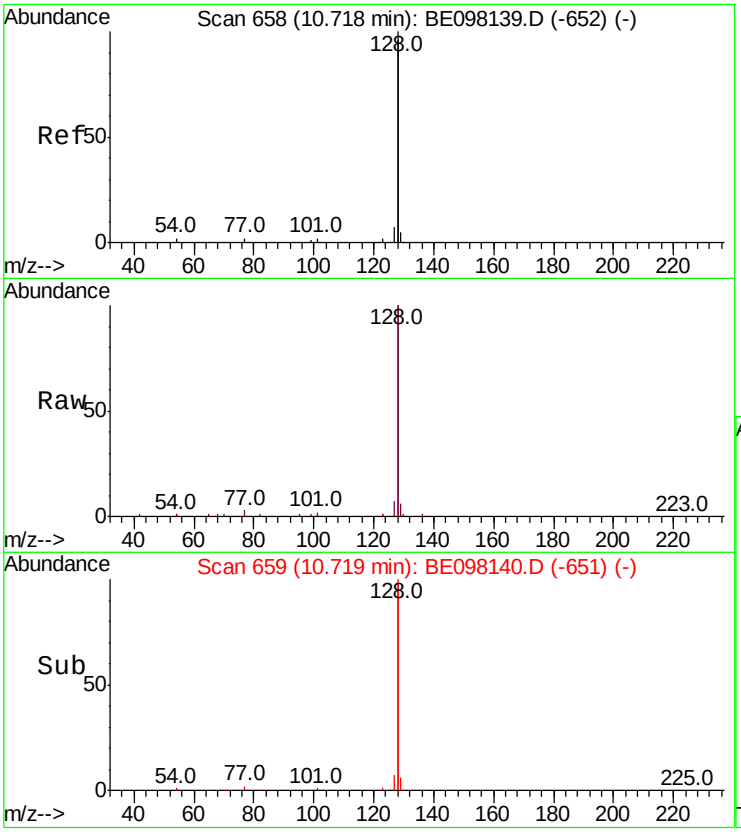


#8
Nitrobenzene-d5
Concen: 0.794 ng
RT: 9.02 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion: 82 Resp: 3672

Ion	Ratio	Lower	Upper
82	100		
128	101.6	129.9	194.9#
54	291.2	174.0	261.0#



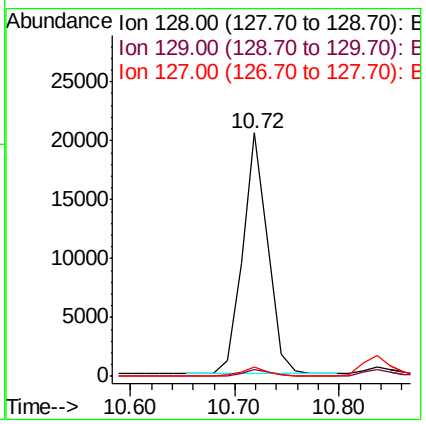


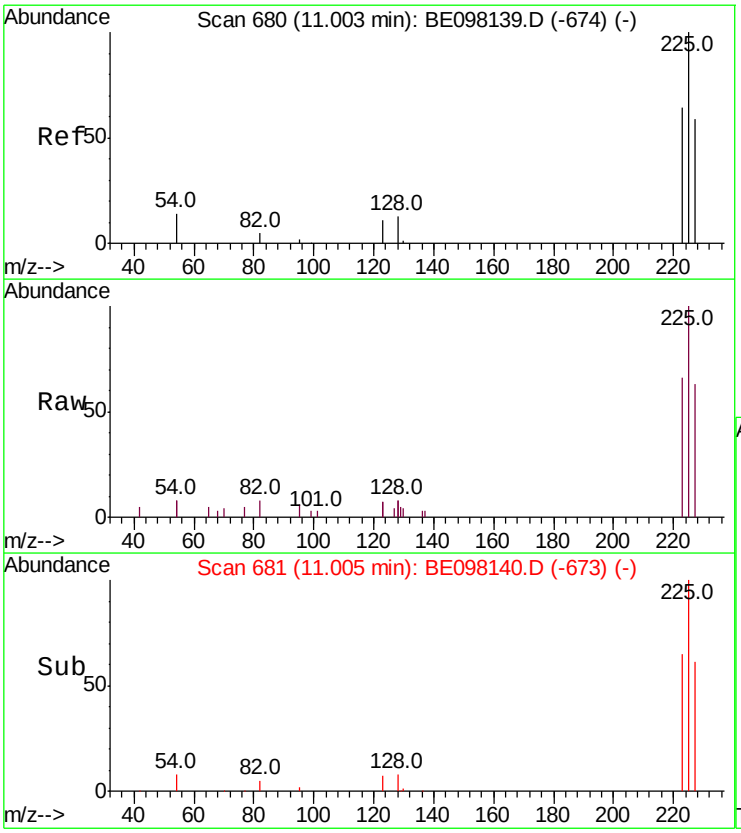
#9
Naphthalene
Concen: 0.790 ng
RT: 10.72 min Scan# 659
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 34143

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.6	2.8	4.2

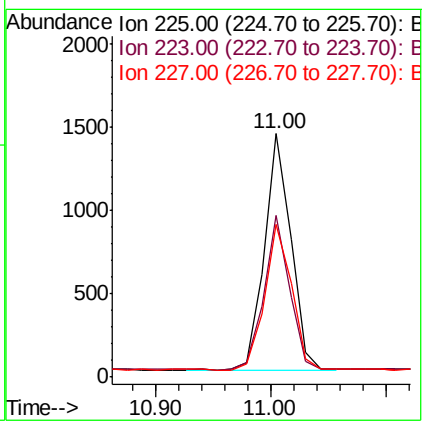


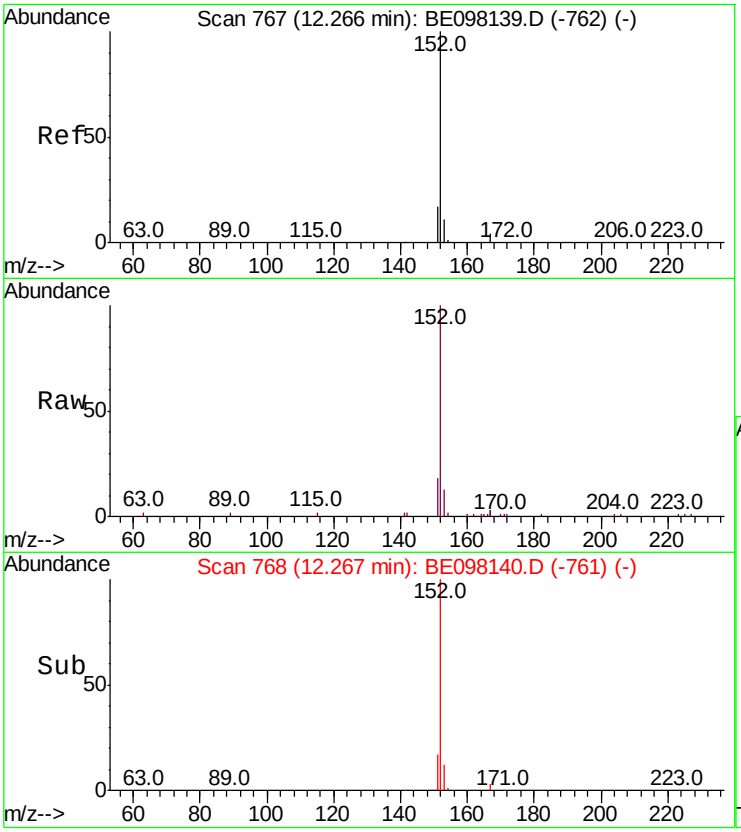


#10
Hexachlorobutadiene
Concen: 0.779 ng
RT: 11.00 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:225 Resp: 2284

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.8	77.8
227	62.6	53.0	79.6



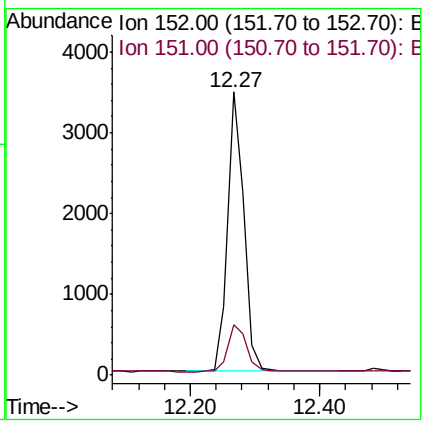


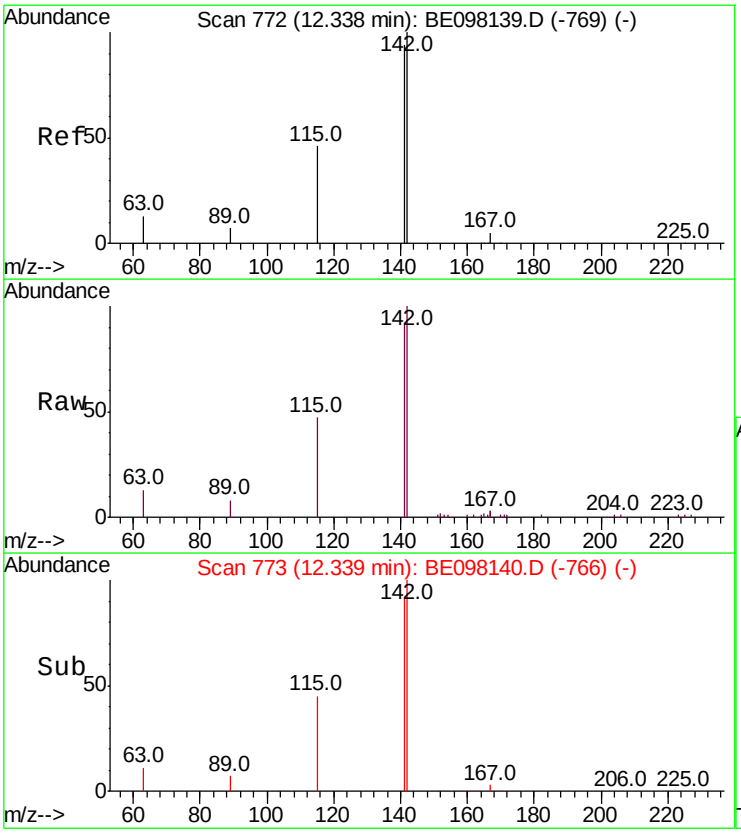
#11
2-Methylnaphthalene-d10
Concen: 0.777 ng
RT: 12.27 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 6000

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4

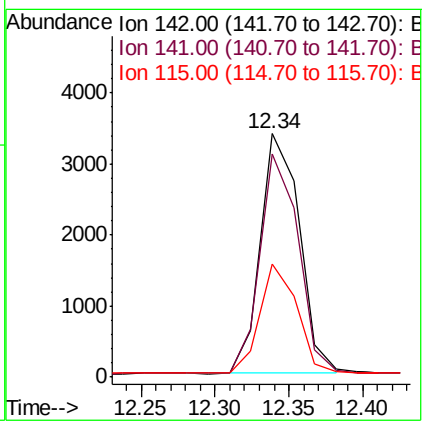


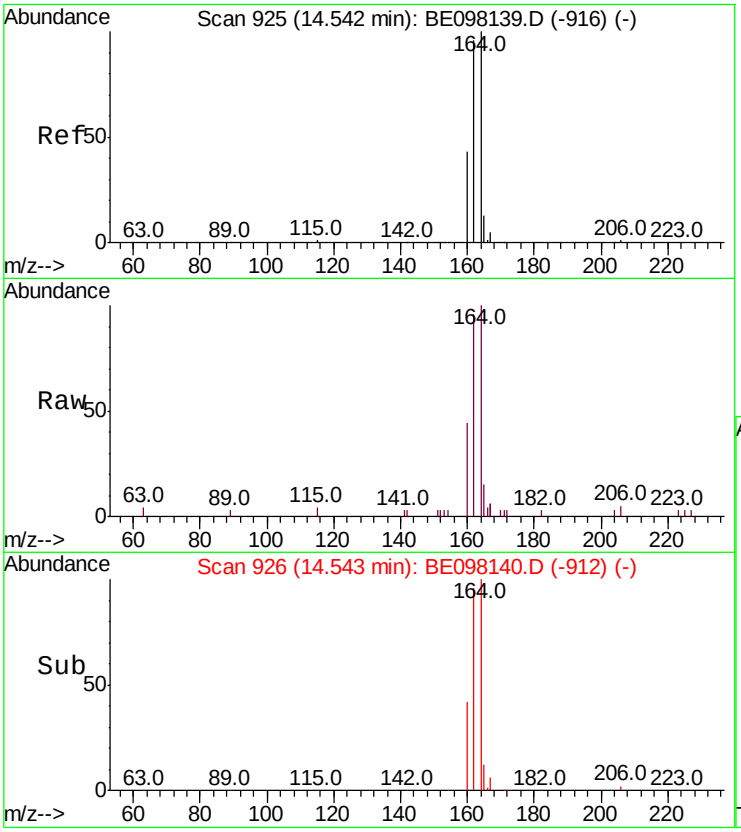


#12
2-Methylnaphthalene
Concen: 0.793 ng
RT: 12.34 min Scan# 773
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:142 Resp: 6198

Ion	Ratio	Lower	Upper
142	100		
141	91.9	69.8	104.6
115	46.5	30.5	45.7#



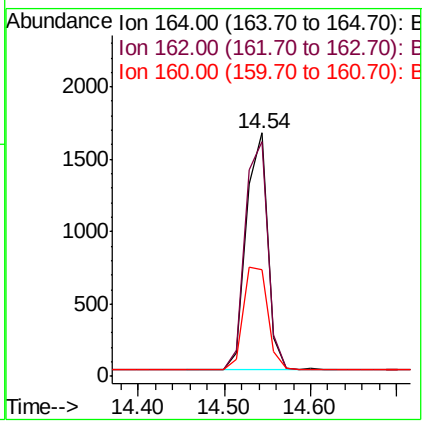


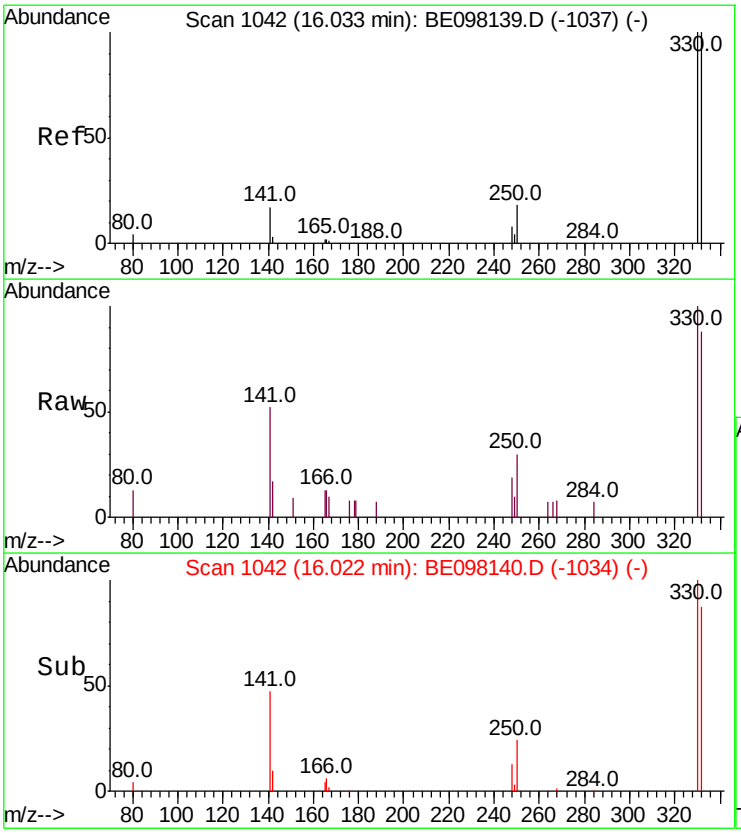
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 2846

Ion	Ratio	Lower	Upper
164	100		
162	96.1	77.4	116.2
160	43.9	36.5	54.7

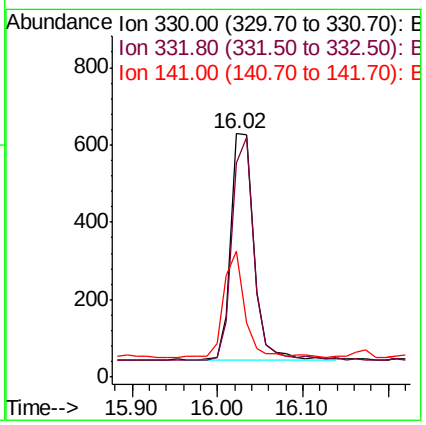


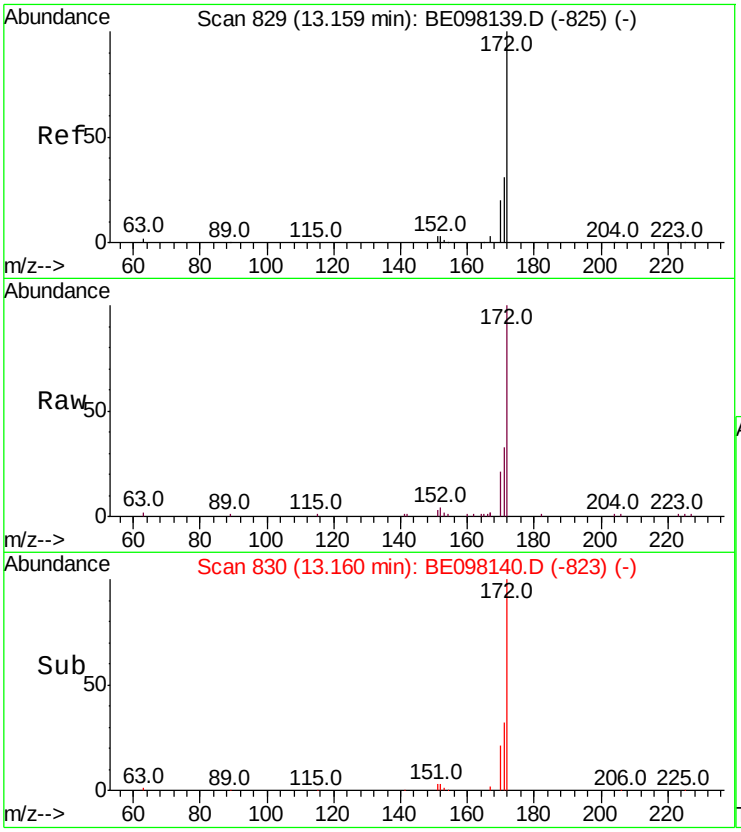


#14
2,4,6-Tribromophenol
Concen: 0.761 ng
RT: 16.02 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:330 Resp: 1091

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.5	114.7
141	42.5	31.8	47.6



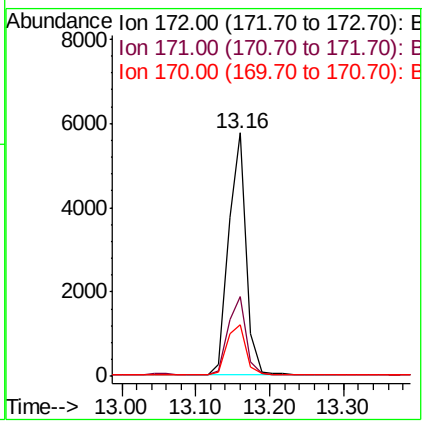


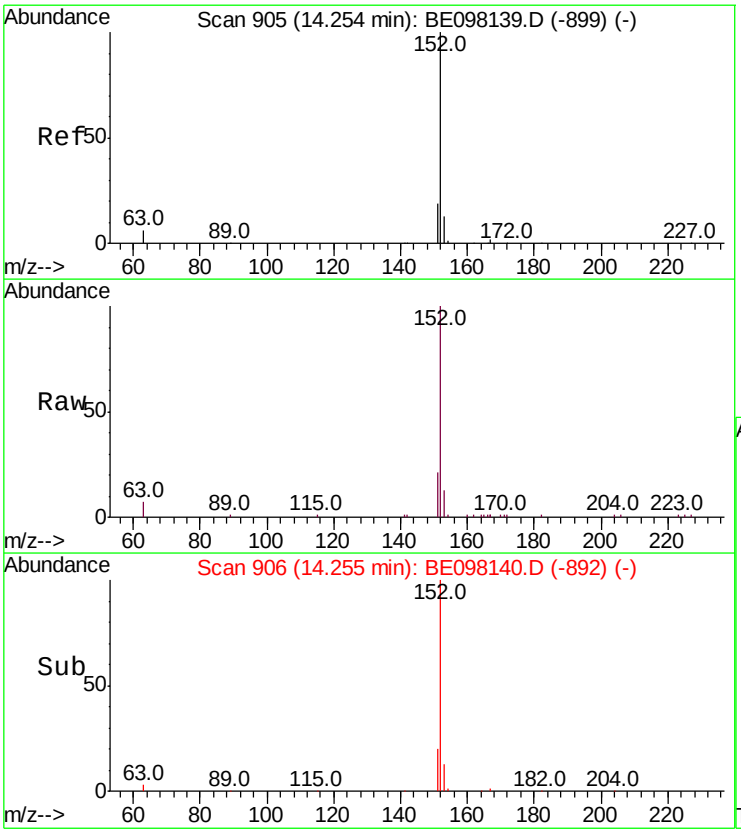
#15
2-Fluorobiphenyl
Concen: 0.810 ng
RT: 13.16 min Scan# 830
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 9326

Ion	Ratio	Lower	Upper
172	100		
171	32.8	26.0	39.0
170	21.2	18.0	27.0

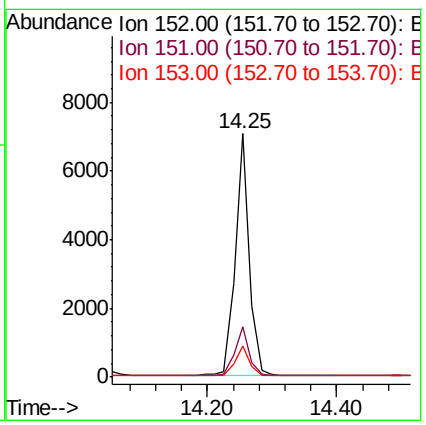


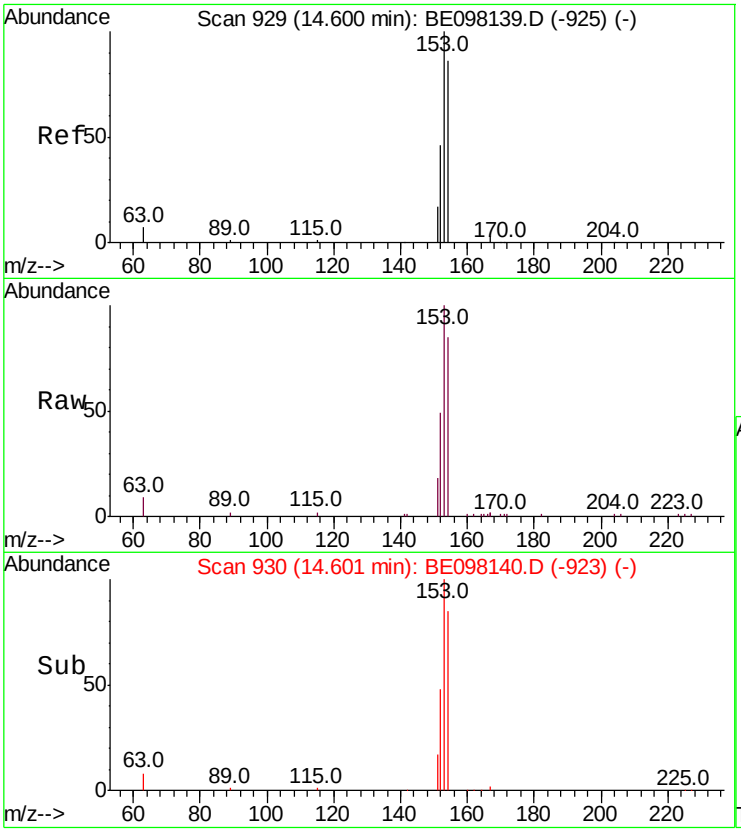


#16
Acenaphthylene
Concen: 0.817 ng
RT: 14.25 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:152 Resp: 10526

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	12.9	10.9	16.3



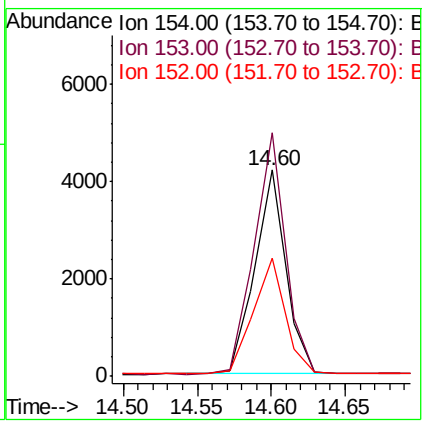


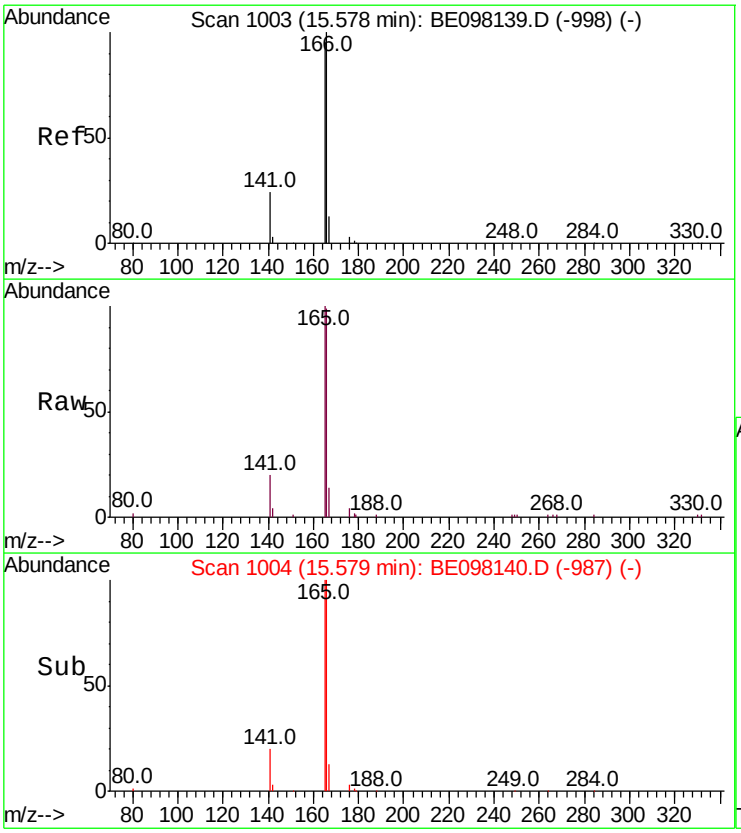
#17
Acenaphthene
Concen: 0.779 ng
RT: 14.60 min Scan# 930
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 6070

Ion	Ratio	Lower	Upper
154	100		
153	119.8	92.6	139.0
152	58.4	45.5	68.3

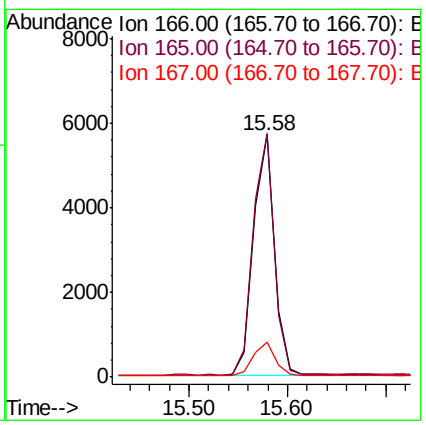


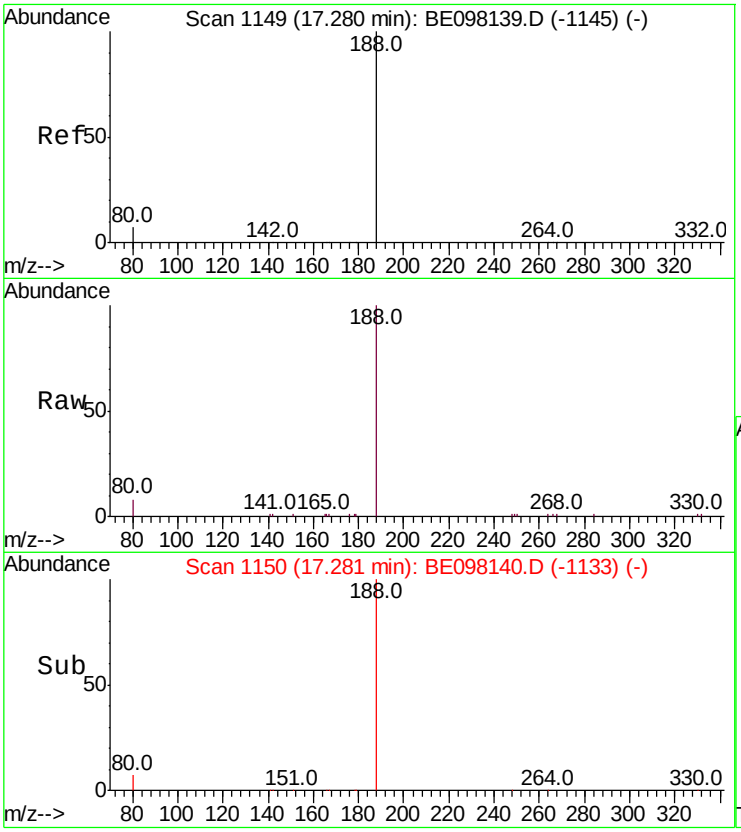


#18
Fluorene
Concen: 0.795 ng
RT: 15.58 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:166 Resp: 8353

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.2	117.4
167	13.9	11.0	16.6



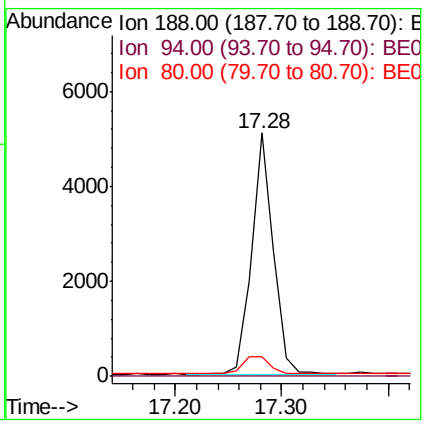


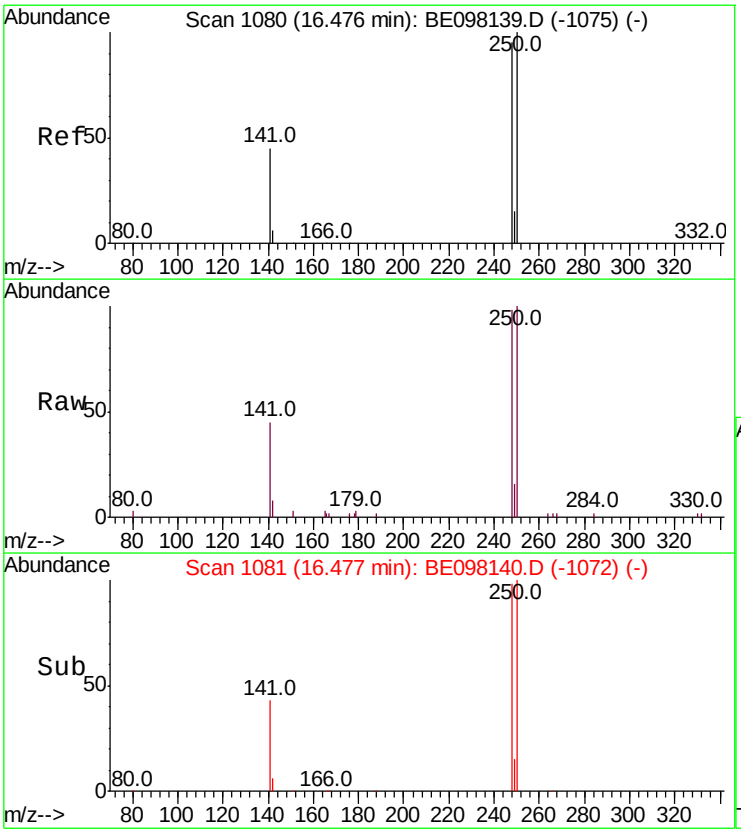
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 7144

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.3	9.5

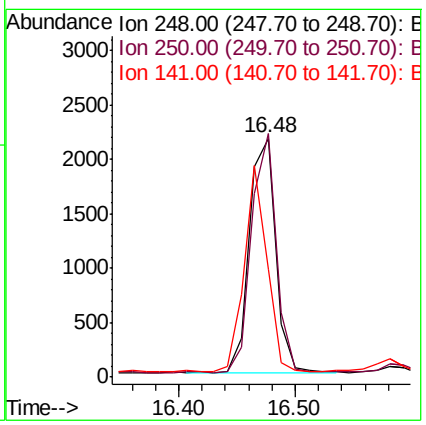


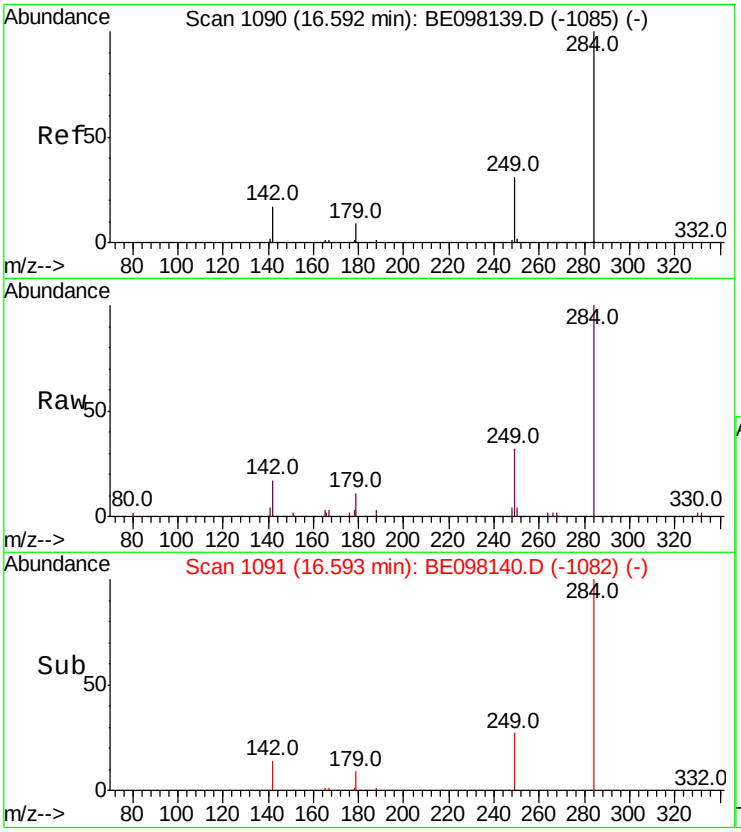


#20
4-Bromophenyl-phenylether
Concen: 0.790 ng
RT: 16.48 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:248 Resp: 3406

Ion	Ratio	Lower	Upper
248	100		
250	101.9	75.1	112.7
141	45.4	51.8	77.8#



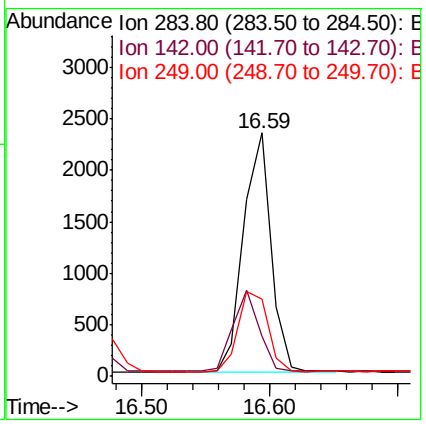


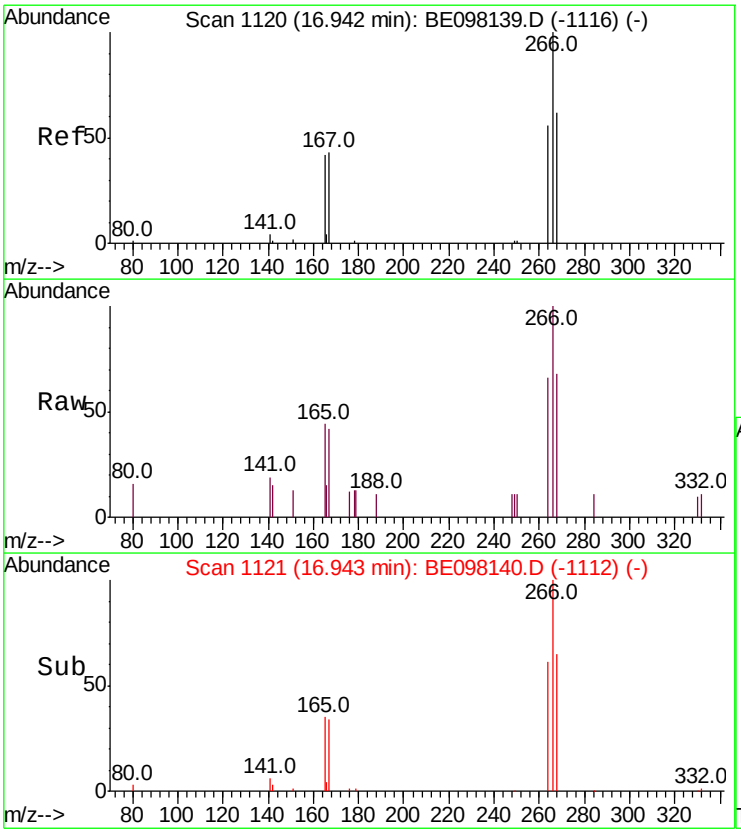
#21
Hexachlorobenzene
Concen: 0.769 ng
RT: 16.59 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 3460

Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.9	38.9
249	36.2	26.6	40.0

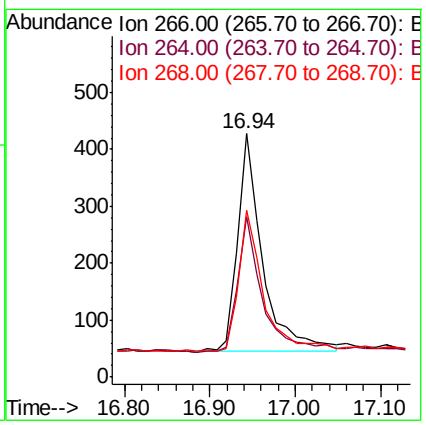


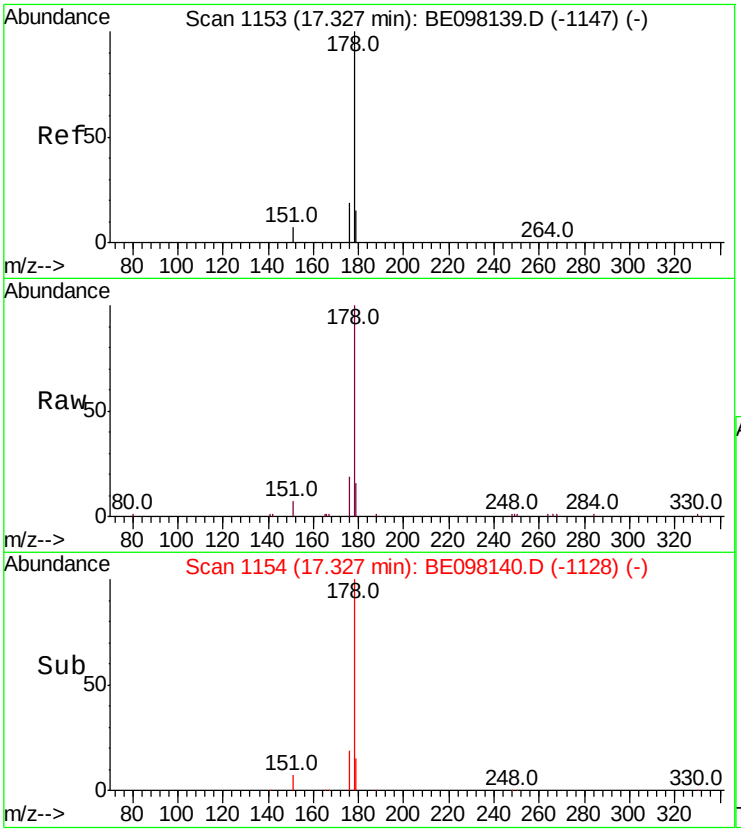


#22
Pentachlorophenol
Concen: 2.039 ng
RT: 16.94 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:266 Resp: 764

Ion	Ratio	Lower	Upper
266	100		
264	65.7	51.3	76.9
268	68.2	50.1	75.1



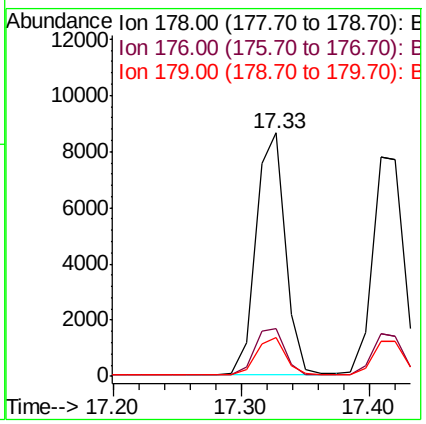


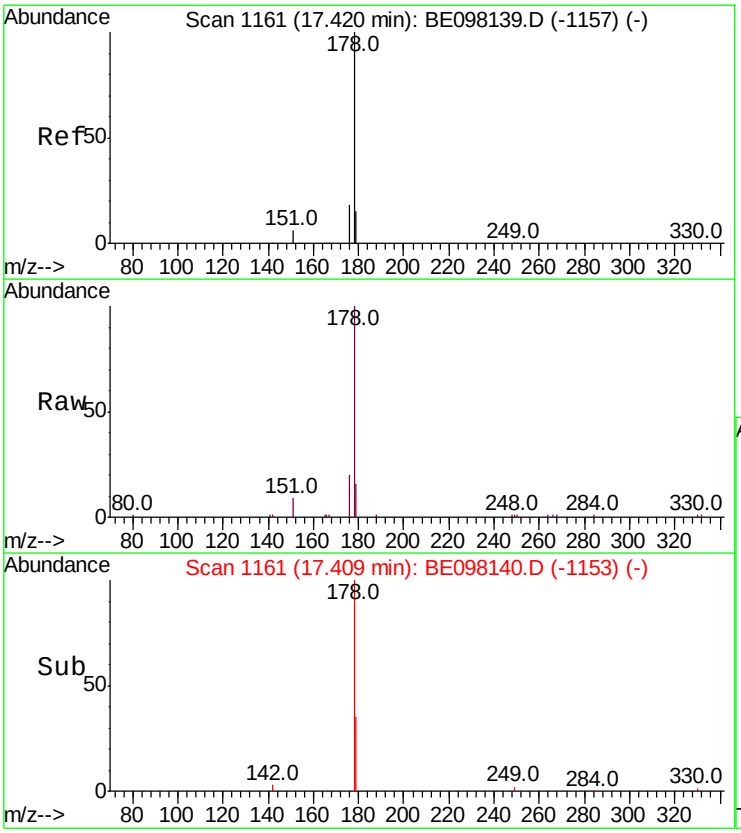
#23
Phenanthrene
Concen: 0.790 ng
RT: 17.33 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 13857

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.2	12.2	18.4

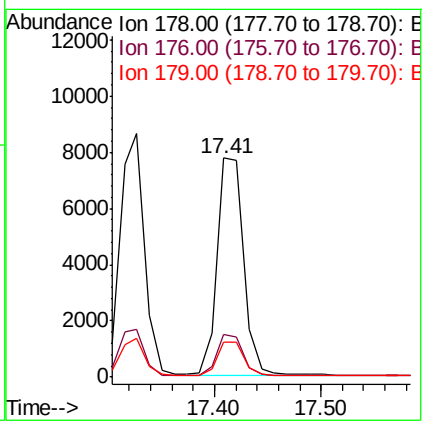


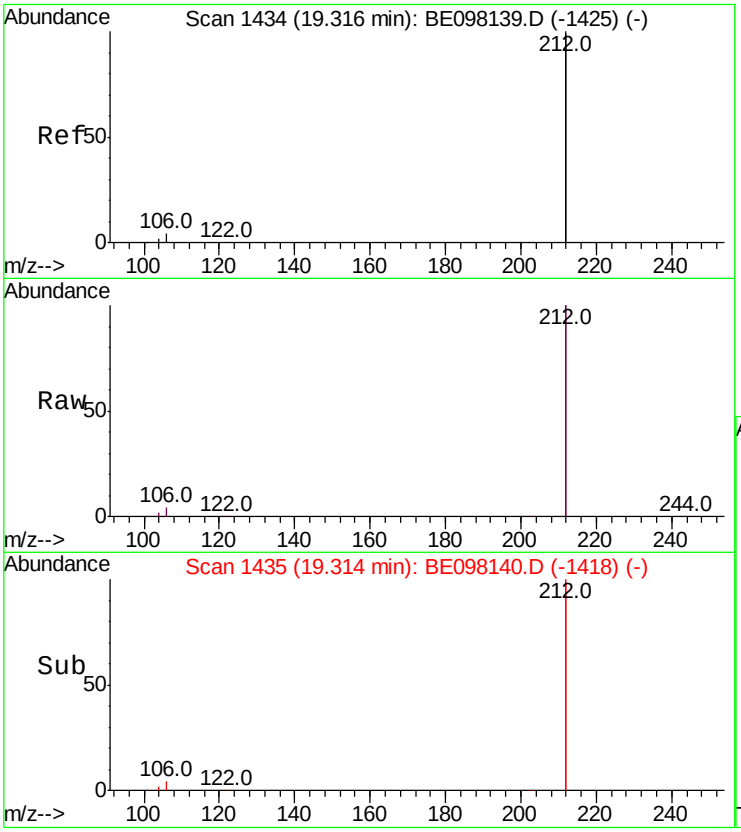


#24
Anthracene
Concen: 0.769 ng
RT: 17.41 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:178 Resp: 13232

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	11.9	17.9



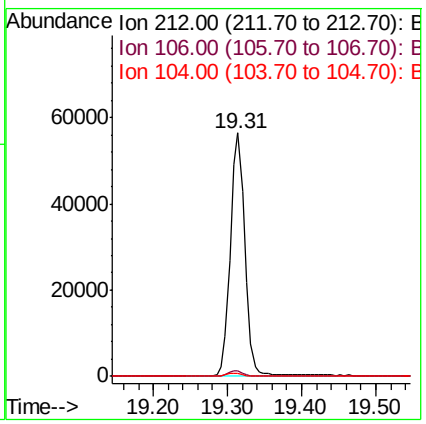


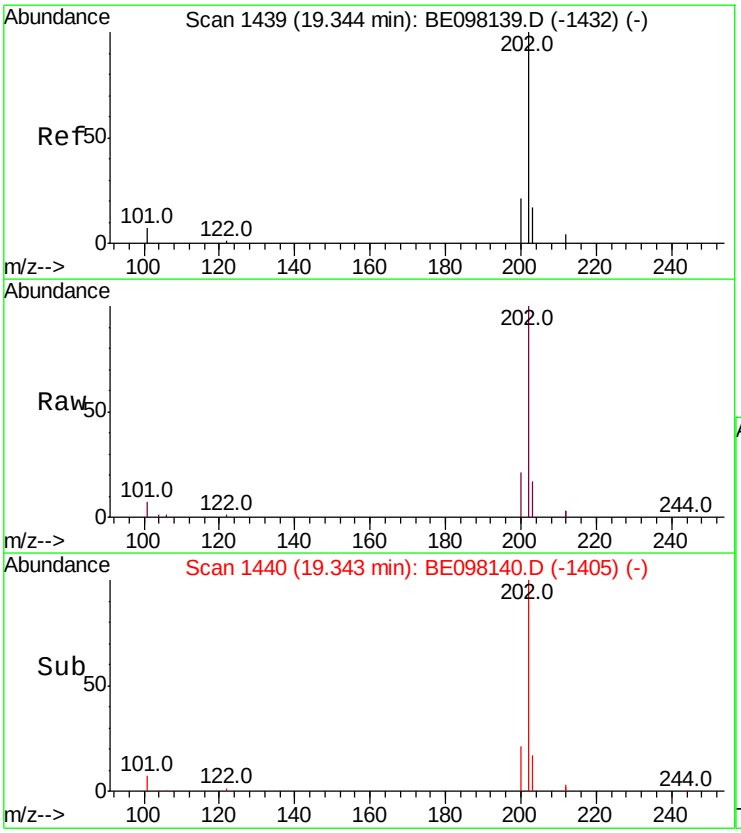
#25
Fluoranthene-d10
Concen: 0.828 ng
RT: 19.31 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 75858

Ion	Ratio	Lower	Upper
212	100		
106	2.2	2.3	3.5#
104	1.2	1.3	1.9#

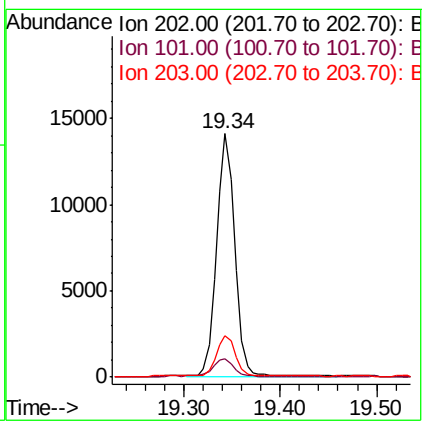


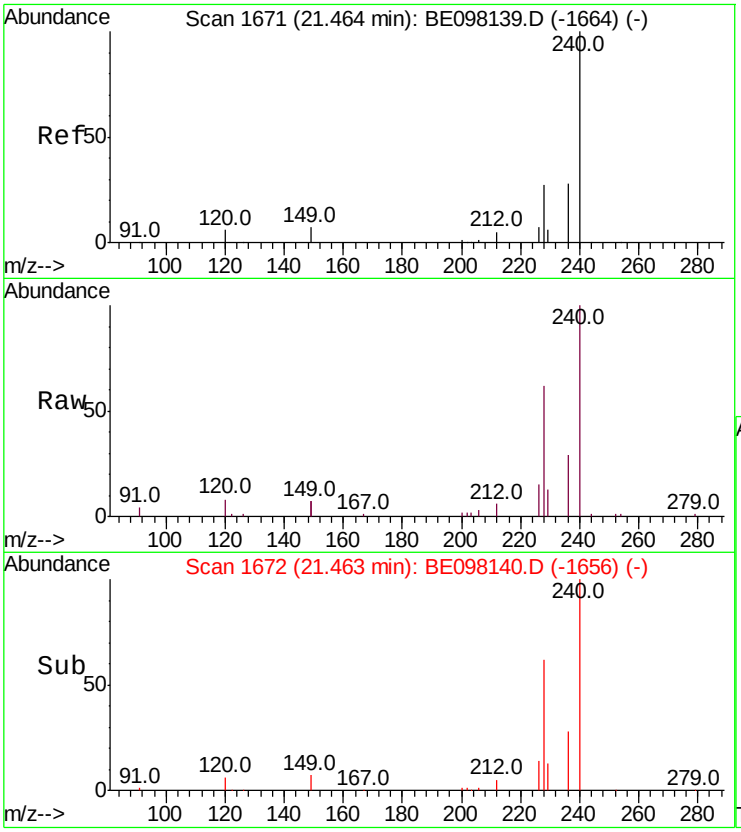


#26
Fluoranthene
Concen: 0.843 ng
RT: 19.34 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:202 Resp: 18422

Ion	Ratio	Lower	Upper
202	100		
101	8.2	8.2	12.2
203	16.9	15.0	22.4



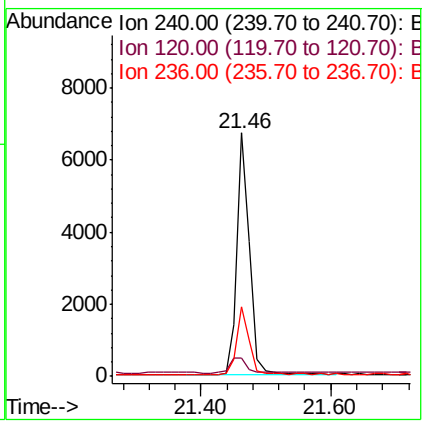


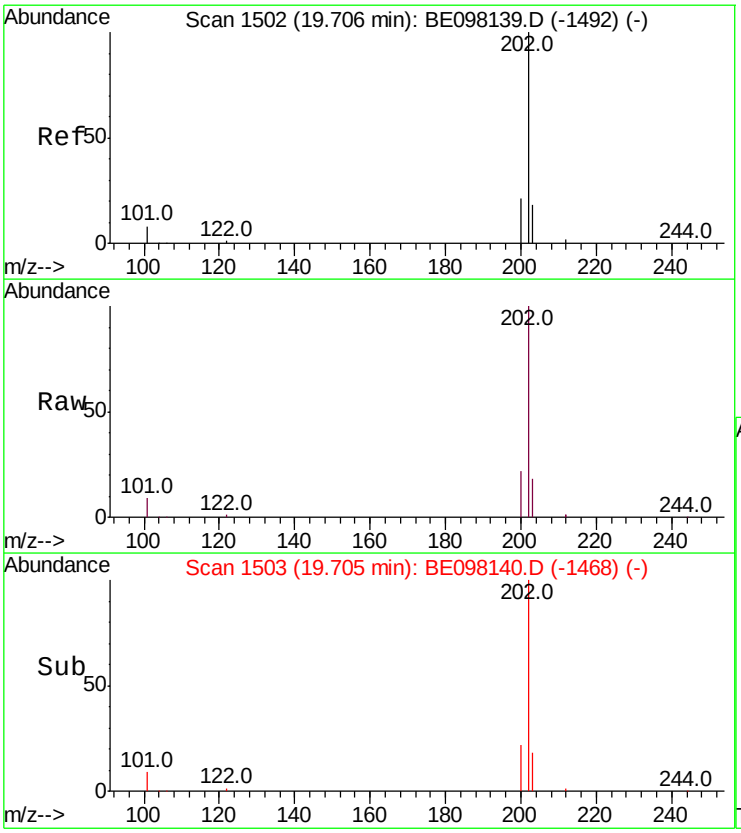
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 9115

Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.1	10.7
236	28.7	21.3	31.9

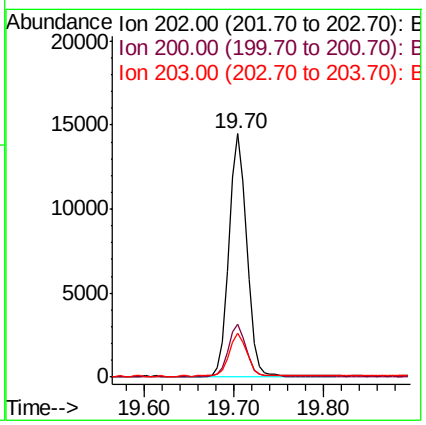


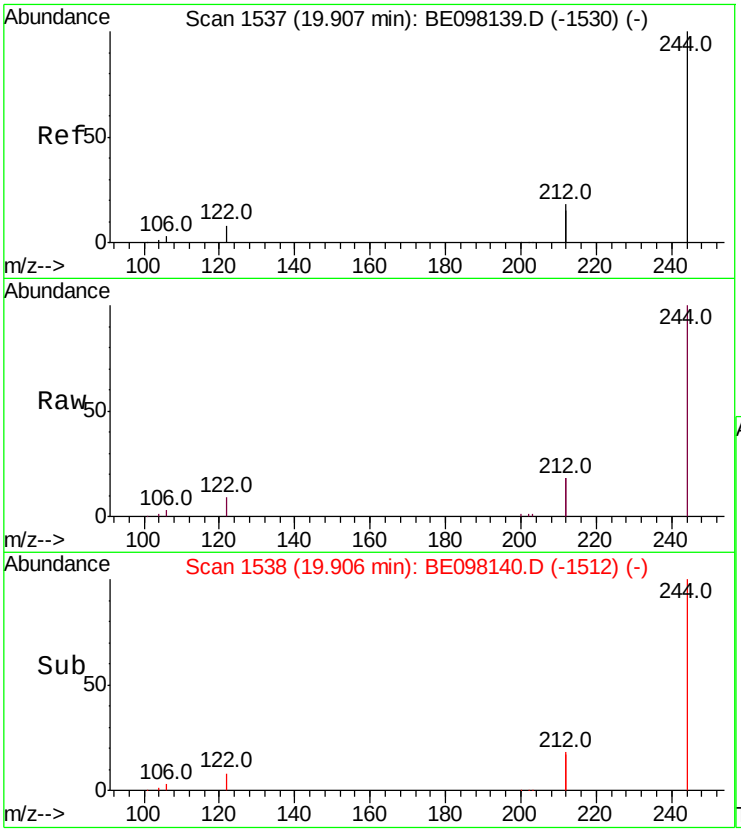


#28
Pyrene
Concen: 0.764 ng
RT: 19.70 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:202 Resp: 19224

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.6	14.2	21.4



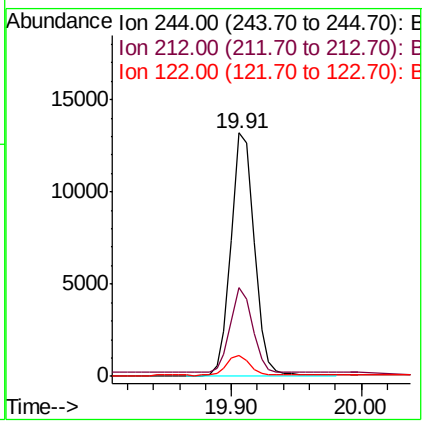


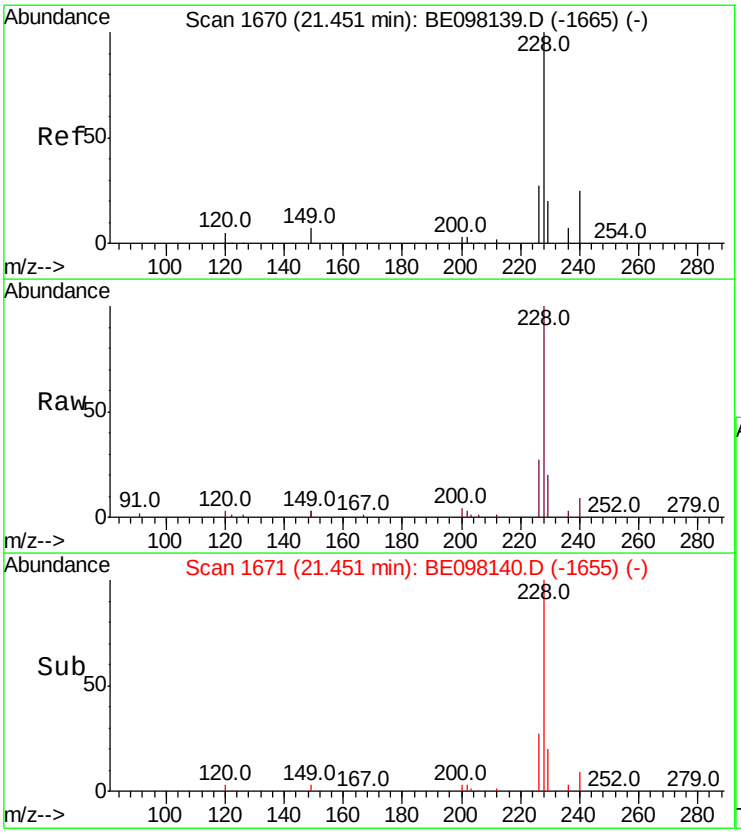
#29
Terphenyl-d14
Concen: 0.757 ng
RT: 19.91 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 16261

Ion	Ratio	Lower	Upper
244	100		
212	36.3	26.2	39.2
122	8.7	7.7	11.5

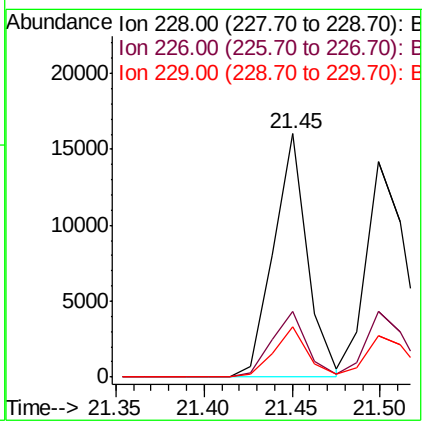


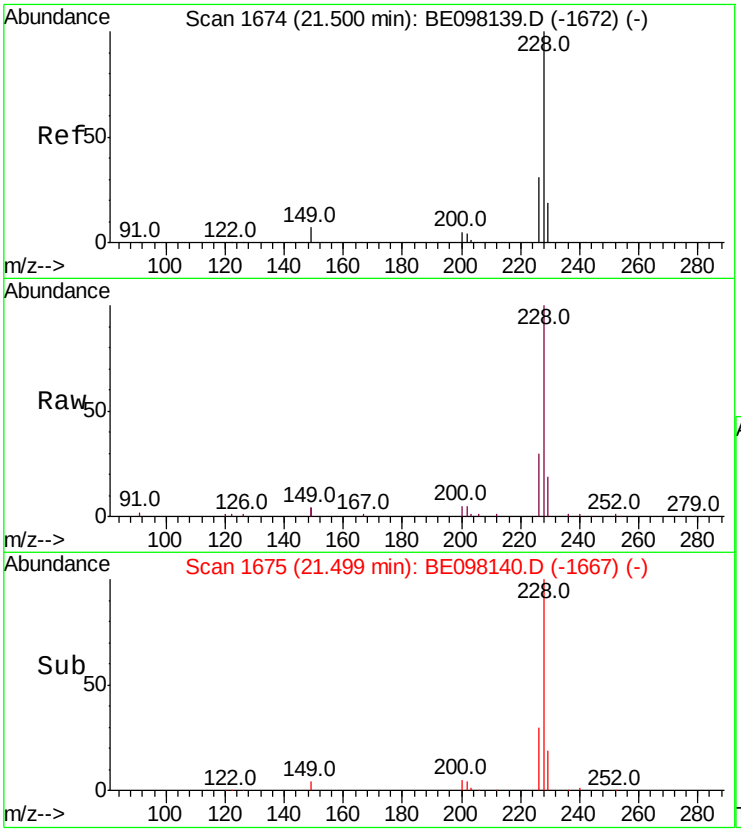


#30
Benzo(a)anthracene
Concen: 0.788 ng
RT: 21.45 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:228 Resp: 21222

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	20.4	16.9	25.3



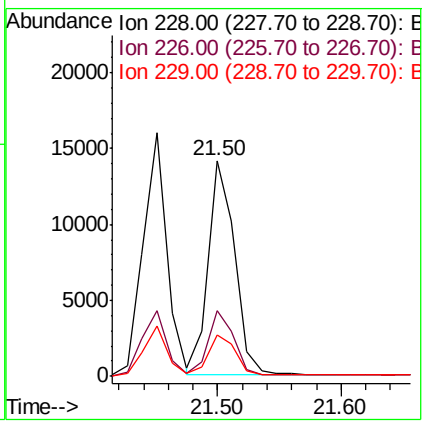


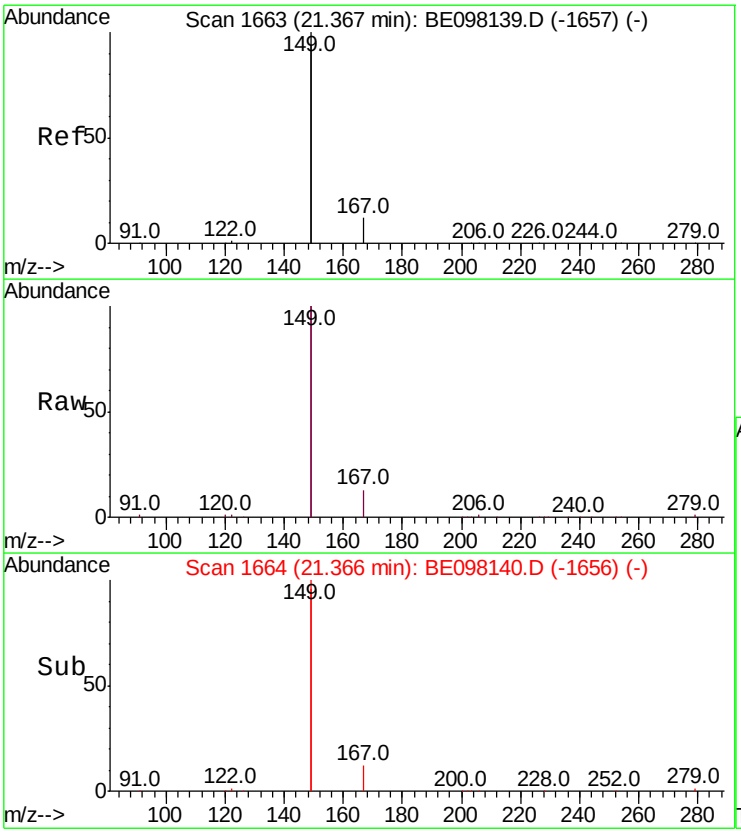
#31
Chrysene
Concen: 0.800 ng
RT: 21.50 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 20942

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.2	17.3	25.9

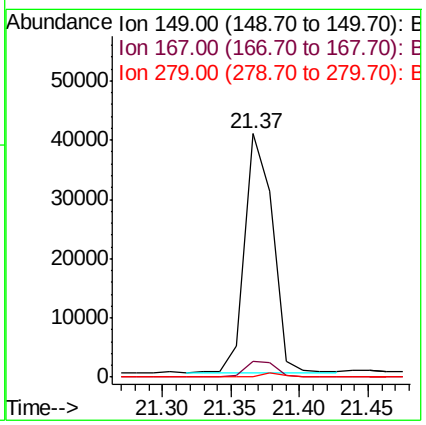


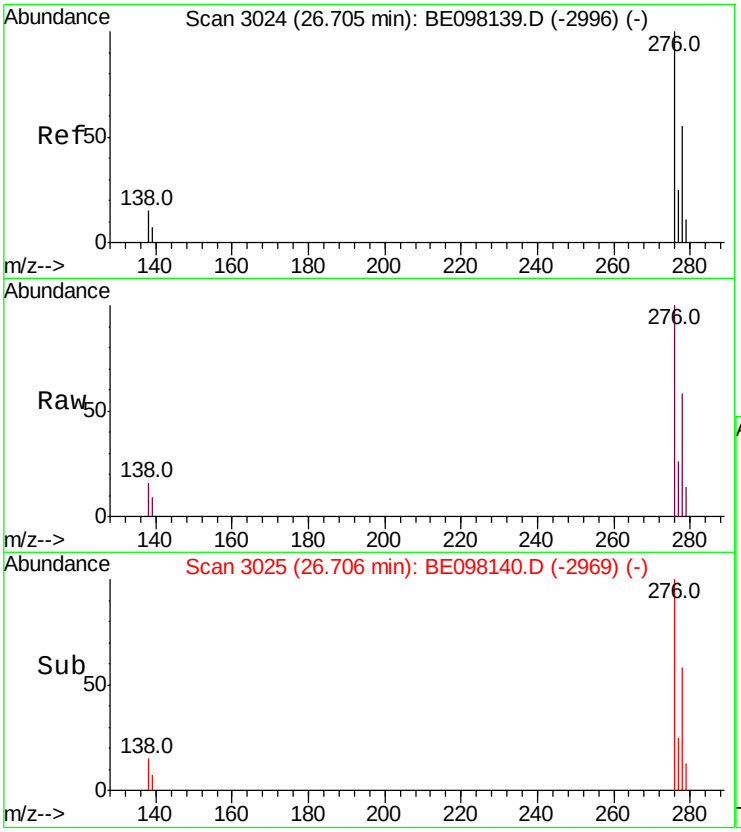


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.888 ng
RT: 21.37 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:149 Resp: 56794

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.6	8.4
279	1.2	0.9	1.3



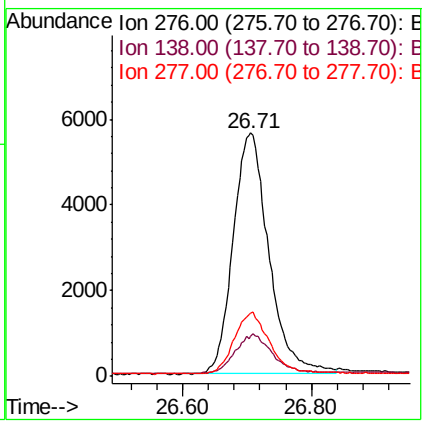


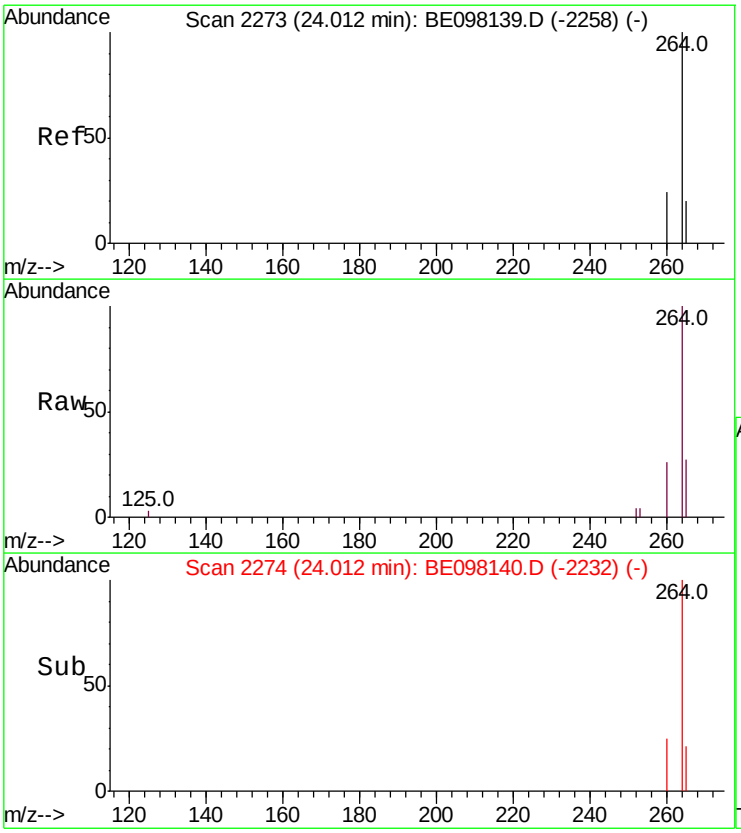
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.763 ng
RT: 26.71 min Scan# 3025
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 21801

Ion	Ratio	Lower	Upper
276	100		
138	16.7	17.0	25.6#
277	25.2	20.5	30.7

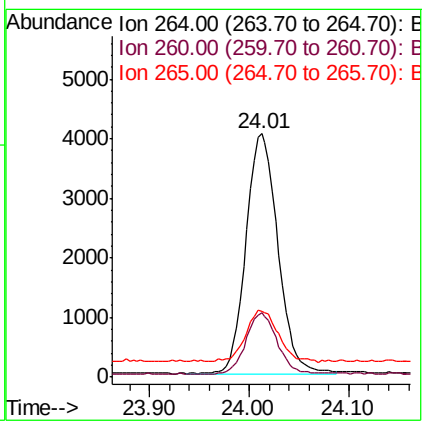


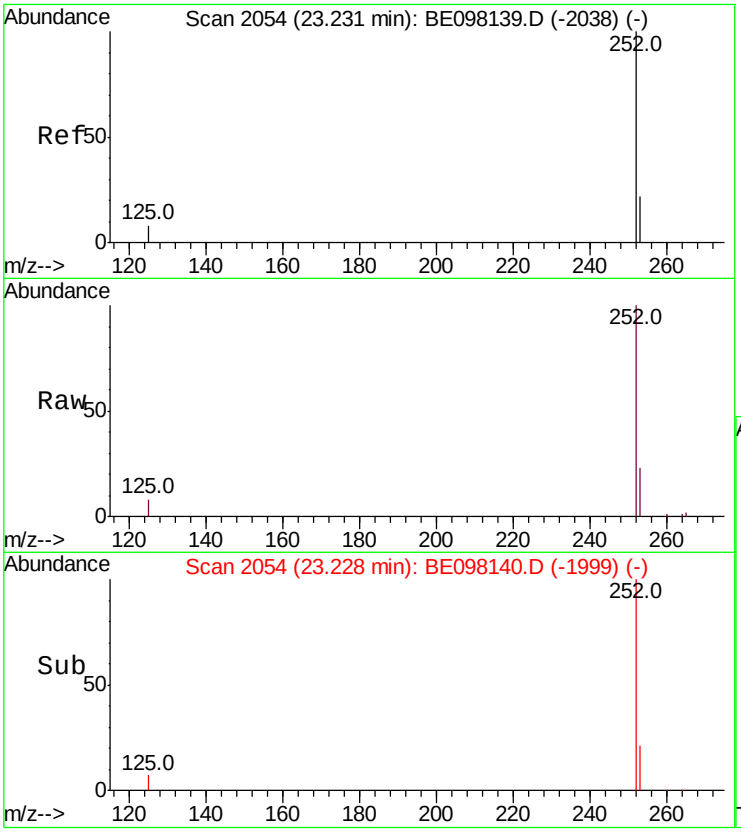


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:264 Resp: 8926

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.1	31.7
265	26.8	29.2	43.8#



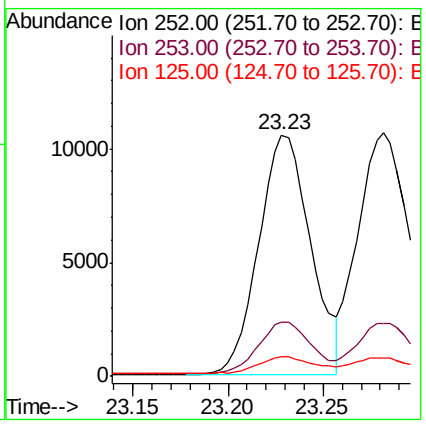


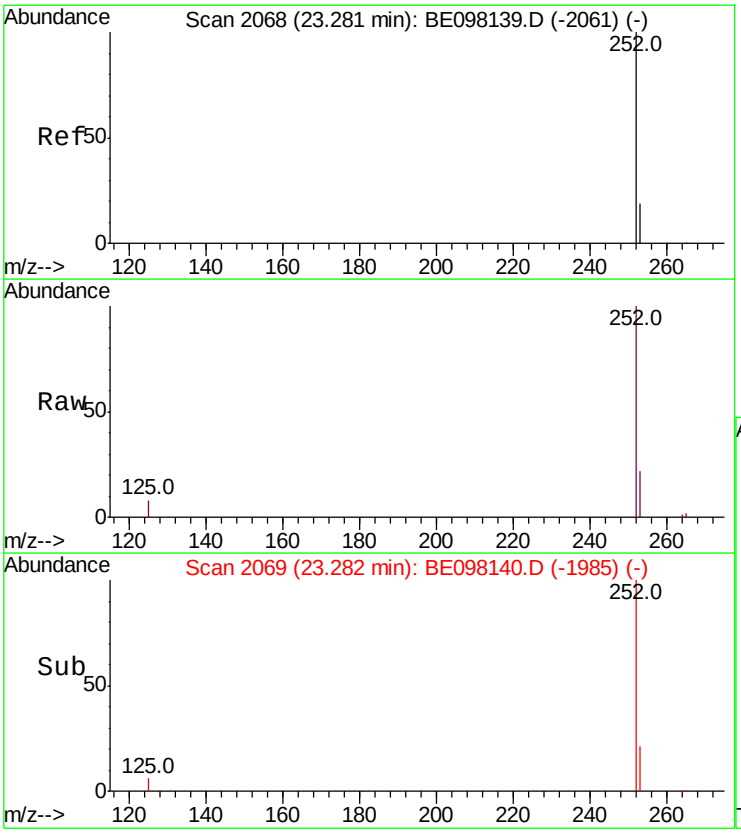
#35
Benzo(b)fluoranthene
Concen: 0.808 ng
RT: 23.23 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 20017

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.6	31.0
125	7.9	14.3	21.5#

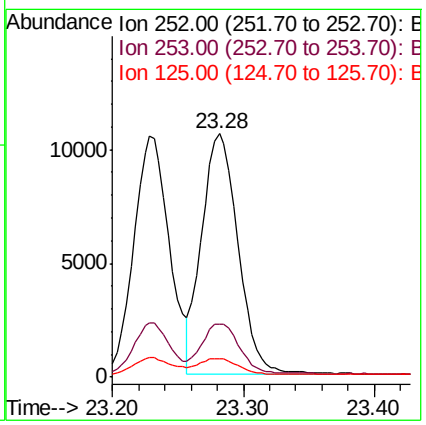


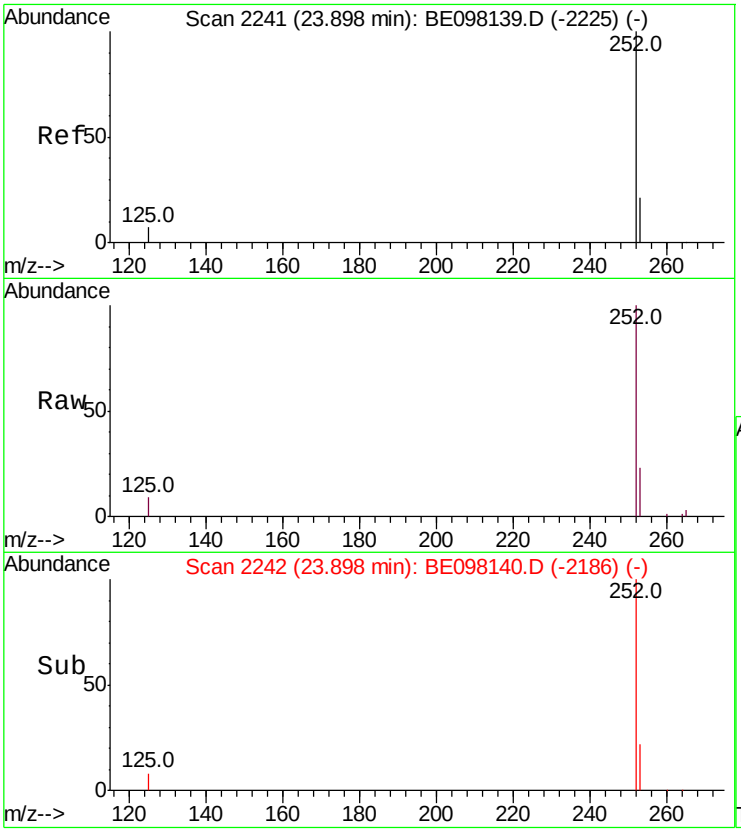


#36
Benzo(k)fluoranthene
Concen: 0.793 ng
RT: 23.28 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:252 Resp: 20428

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.4	30.6
125	7.6	14.6	21.8#



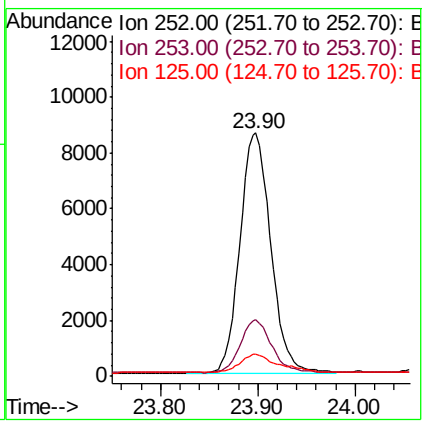


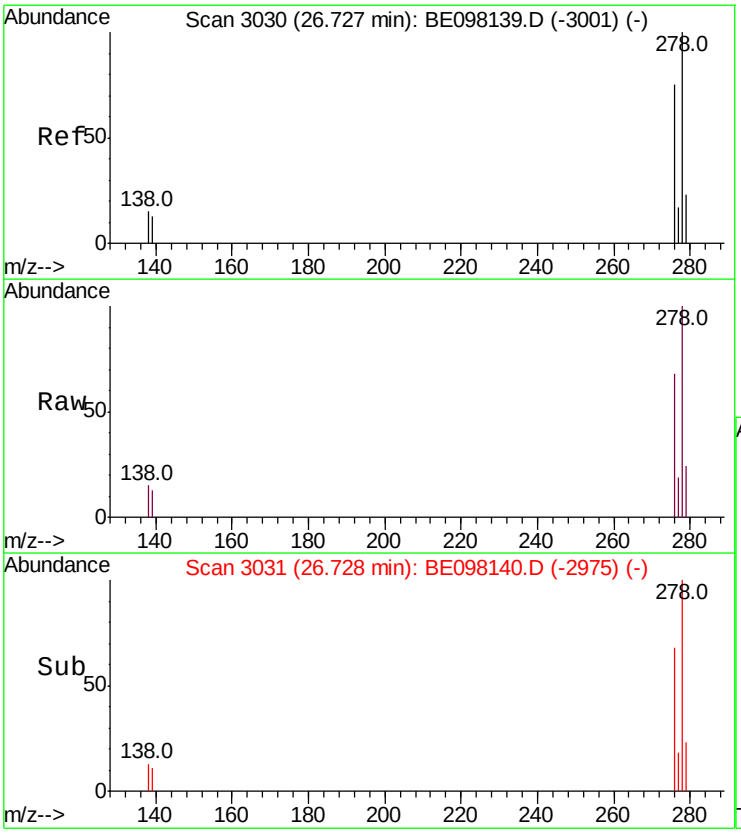
#37
Benzo(a)pyrene
Concen: 0.786 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 19141

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.6	31.0
125	9.1	15.6	23.4#

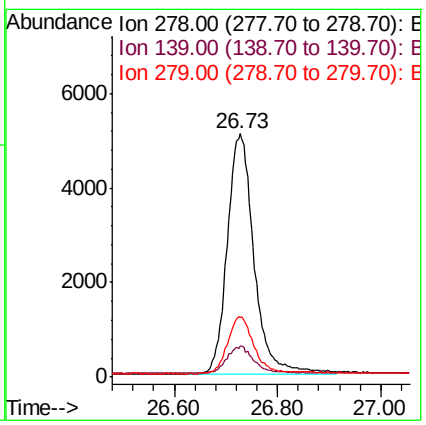


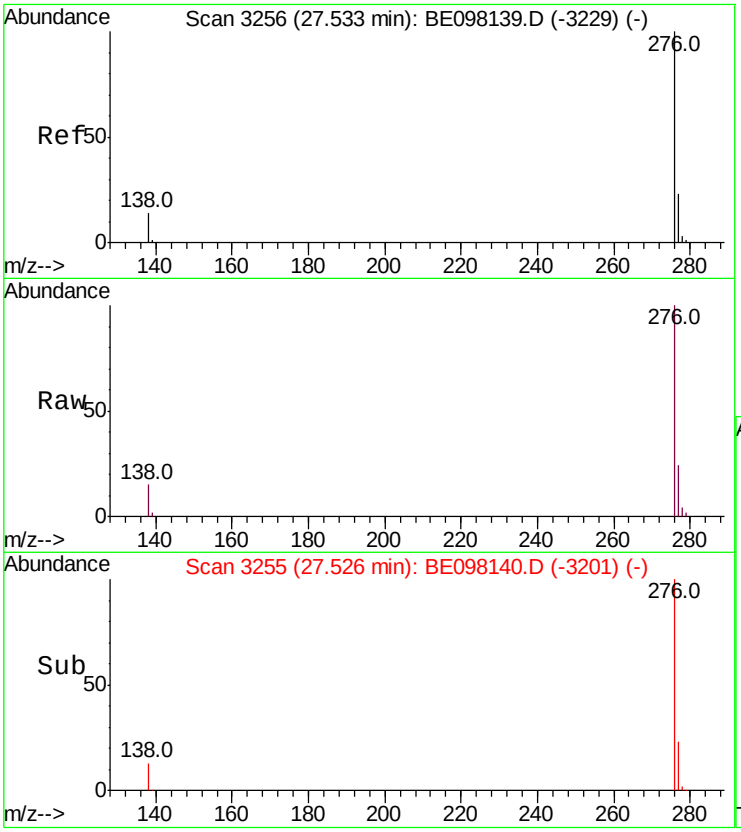


#38
Dibenzo(a,h)anthracene
Concen: 0.781 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:278 Resp: 18546

Ion	Ratio	Lower	Upper
278	100		
139	12.8	16.3	24.5#
279	24.3	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.768 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 18068

Ion	Ratio	Lower	Upper
276	100		
277	24.2	22.1	33.1
138	14.7	19.3	28.9#