Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
Data File : BE098983.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 16 00:53:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	875	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	4132	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2738	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	6439	0.40	ng		0.00
27) Chrysene-d12	21.40	240	7169	0.40	ng		0.00
34) Perylene-d12	23.90	264	6847	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	799	0.31	ng		0.02
5) Phenol-d6	7.00	99	1272	0.34	ng		0.01
8) Nitrobenzene-d5	8.98	82	1443	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.19	152	2892	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	359	0.26	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4232	0.37	ng		0.00
25) Fluoranthene-d10	19.24	212	35745	0.35	ng		0.00
29) Terphenyl-d14	19.85	244	6633	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	793	0.484	ng		91
3) n-Nitrosodimethylamine	3.66	42	223	0.101	ng	#	78
6) bis(2-Chloroethyl)ether	7.24	93	935	0.328	ng		83
9) Naphthalene	10.64	128	18735	0.396	ng		99
10) Hexachlorobutadiene	10.91	225	1212	0.387	ng		96
12) 2-Methylnaphthalene	12.27	142	2755	0.359	ng		97
16) Acenaphthylene	14.18	152	5109	0.363	ng		98
17) Acenaphthene	14.51	154	3180	0.381	ng		97
18) Fluorene	15.50	166	4354	0.361	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	1334	0.382	ng	#	78
21) Hexachlorobenzene	16.52	284	1601	0.386	ng		97
22) Pentachlorophenol	16.91	266	141	0.364	ng		98
23) Phenanthrene	17.26	178	7018	0.383	ng		99
24) Anthracene	17.35	178	5077	0.325	ng		100
26) Fluoranthene	19.27	202	8935	0.346	ng		100
28) Pyrene	19.64	202	9115	0.416	ng		100
30) Benzo(a)anthracene	21.38	228	8168	0.365	ng		99
31) Chrysene	21.44	228	8972	0.375	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	14536	0.305	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	8682	0.344	ng	#	89
35) Benzo(b)fluoranthene	23.18	252	9541	0.424	ng		98
36) Benzo(k)fluoranthene	23.18	252	9758	0.414	ng		99
37) Benzo(a)pyrene	23.79	252	8625	0.400	ng	#	83
38) Dibenzo(a,h)anthracene	26.57	278	6135	0.300	ng		95
39) Benzo(g,h,i)perylene	27.34	276	6922	0.324	ng		98

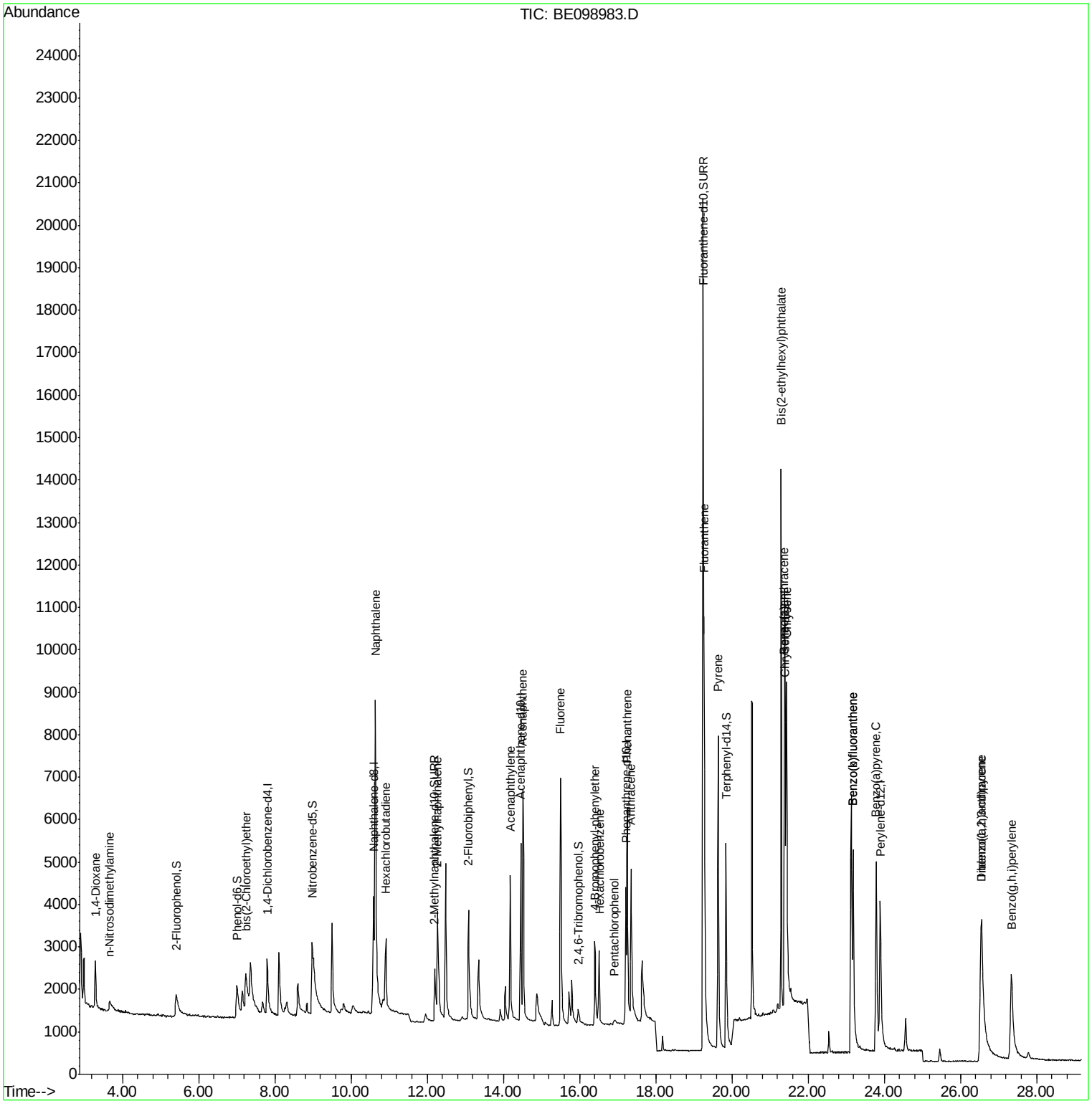
(#) = qualifier out of range (m) = manual integration (+) = signals summed

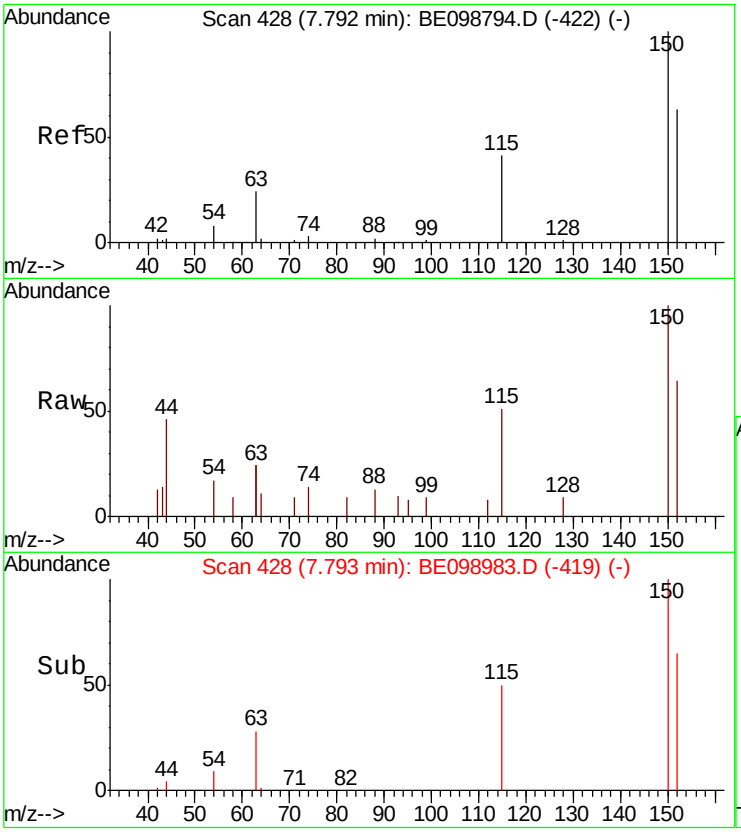
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
Data File : BE098983.D
Acq On : 15 Mar 2019 22:59
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 16 00:53:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



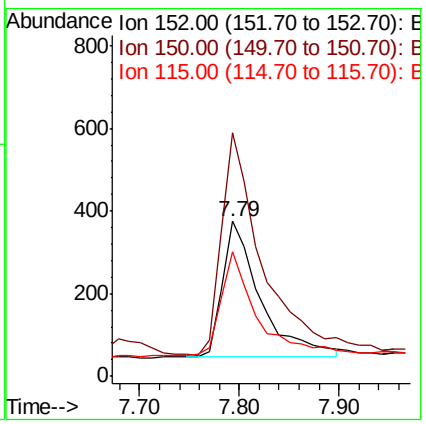


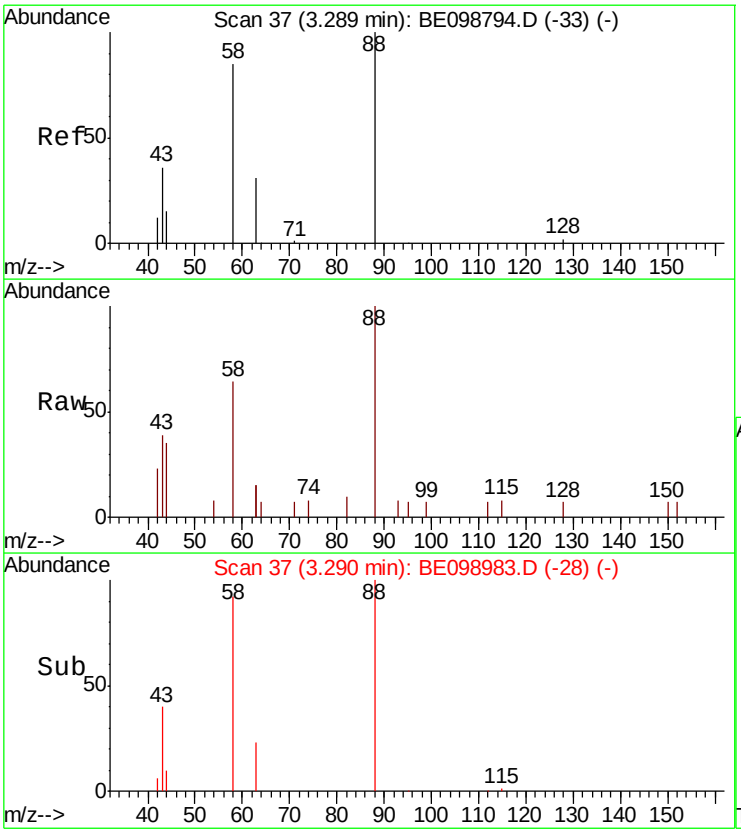
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 875

Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.5	183.7
115	80.3	57.4	86.2

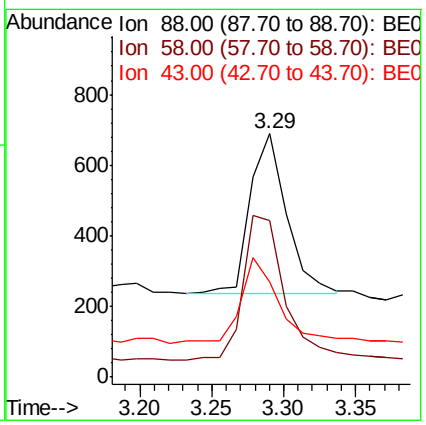


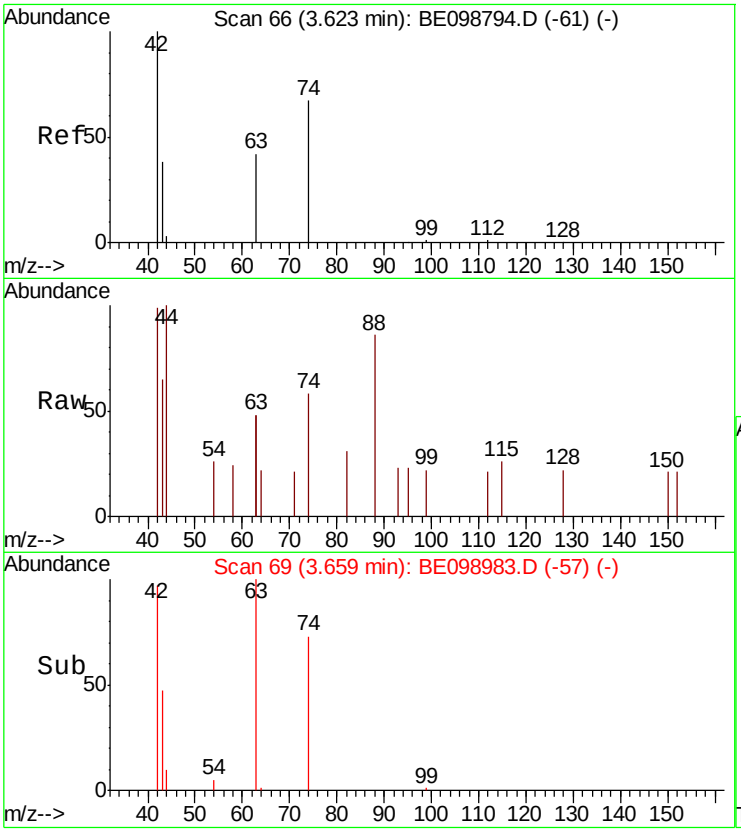


#2
1,4-Dioxane
Concen: 0.484 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion: 88 Resp: 793

Ion	Ratio	Lower	Upper
88	100		
58	104.3	75.8	113.6
43	58.0	41.8	62.8



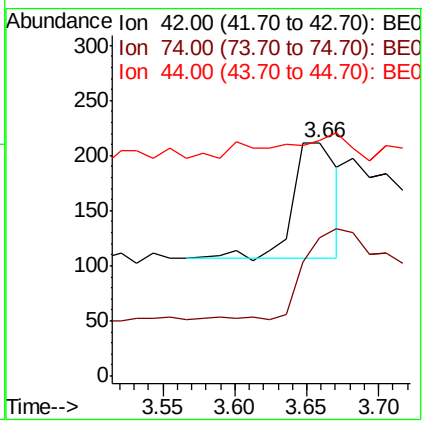


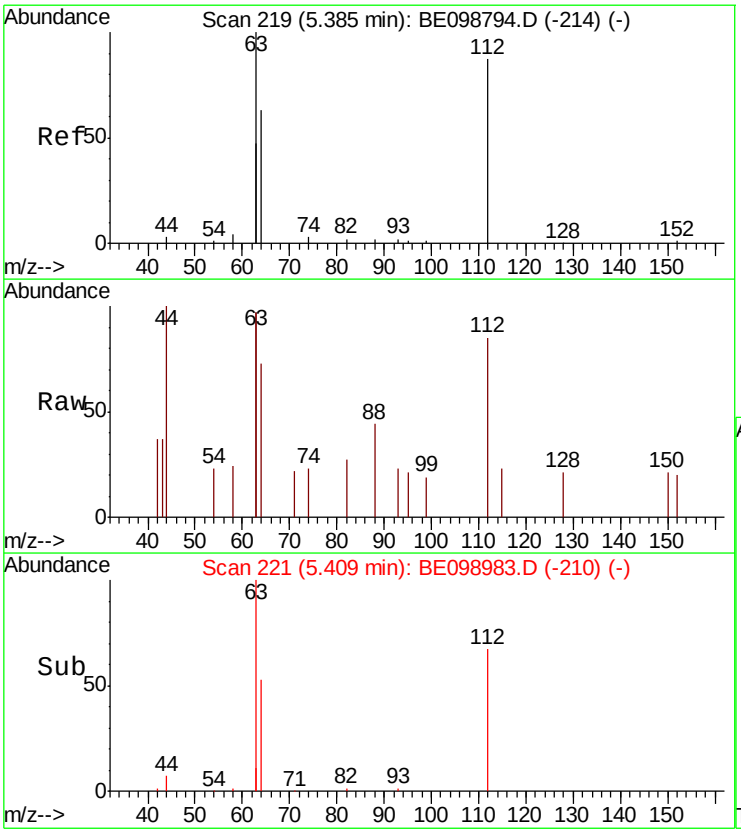
#3
n-Nitrosodimethylamine
Concen: 0.101 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.04 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 223

Ion	Ratio	Lower	Upper
42	100		
74	89.7	57.0	85.4#
44	11.2	0.0	0.0#

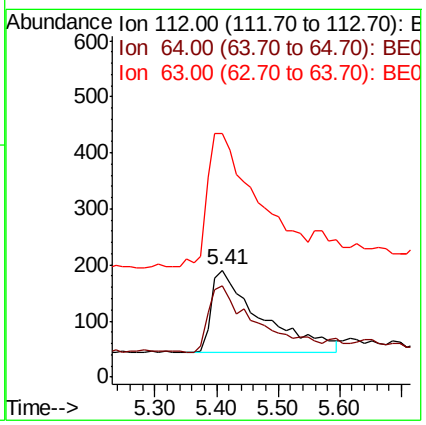


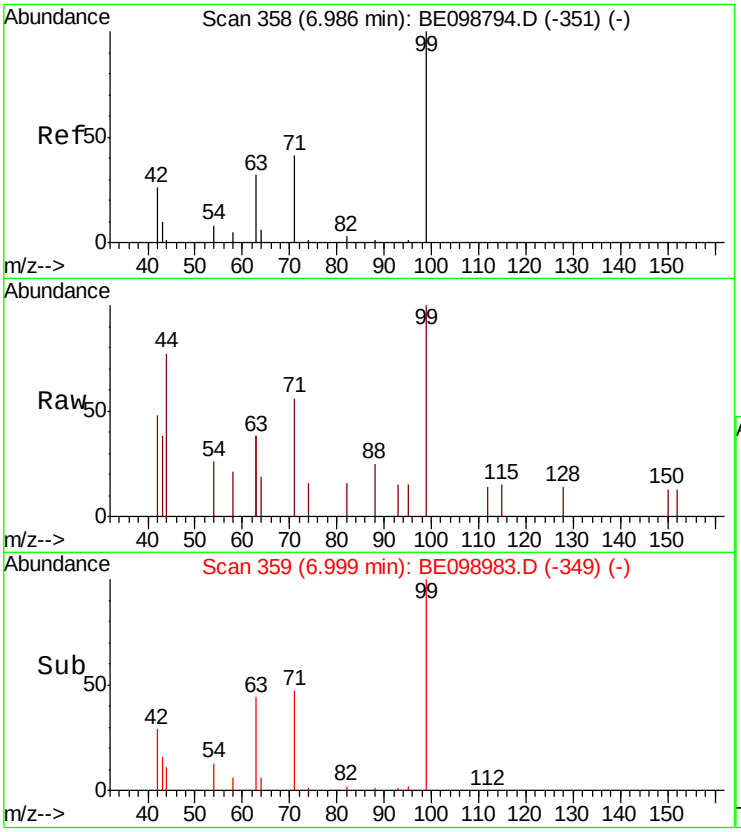


#4
2-Fluorophenol
Concen: 0.305 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:112 Resp: 799

Ion	Ratio	Lower	Upper
112	100		
64	79.3	57.9	86.9
63	172.2	158.3	237.5



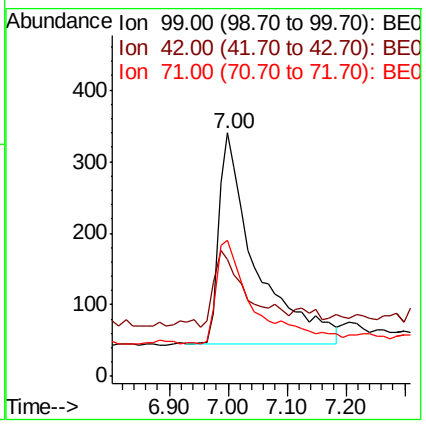


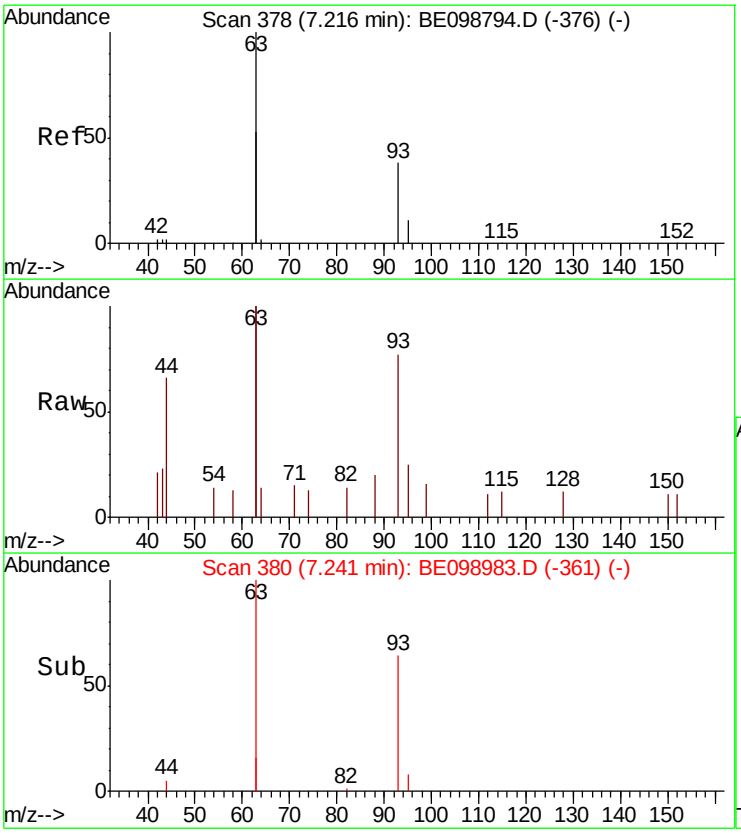
#5
Phenol-d6
Concen: 0.344 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1272

Ion	Ratio	Lower	Upper
99	100		
42	33.4	24.2	36.2
71	48.8	35.7	53.5

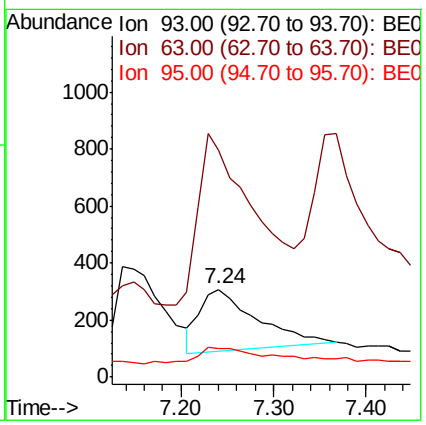


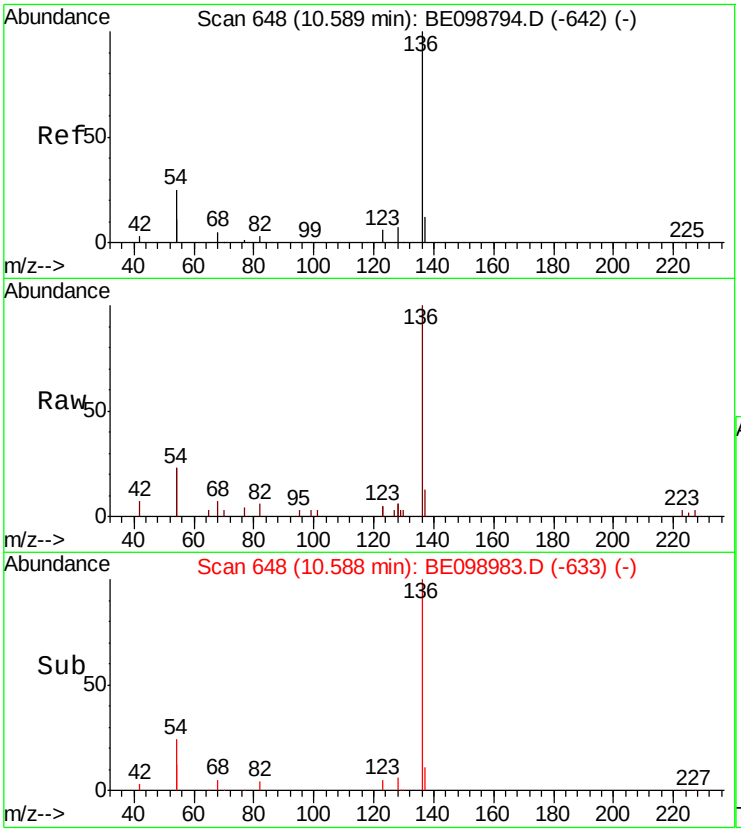


#6
bis(2-Chloroethyl)ether
Concen: 0.328 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.02 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion: 93 Resp: 935

Ion	Ratio	Lower	Upper
93	100		
63	274.8	247.5	371.3
95	32.0	21.8	32.8



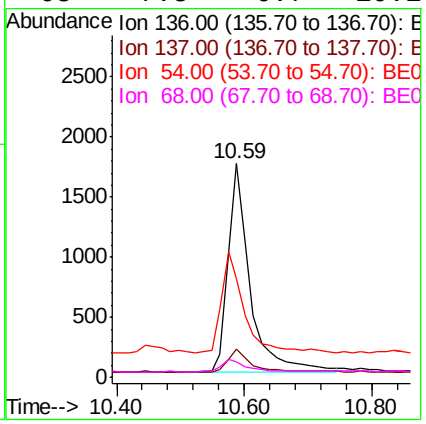


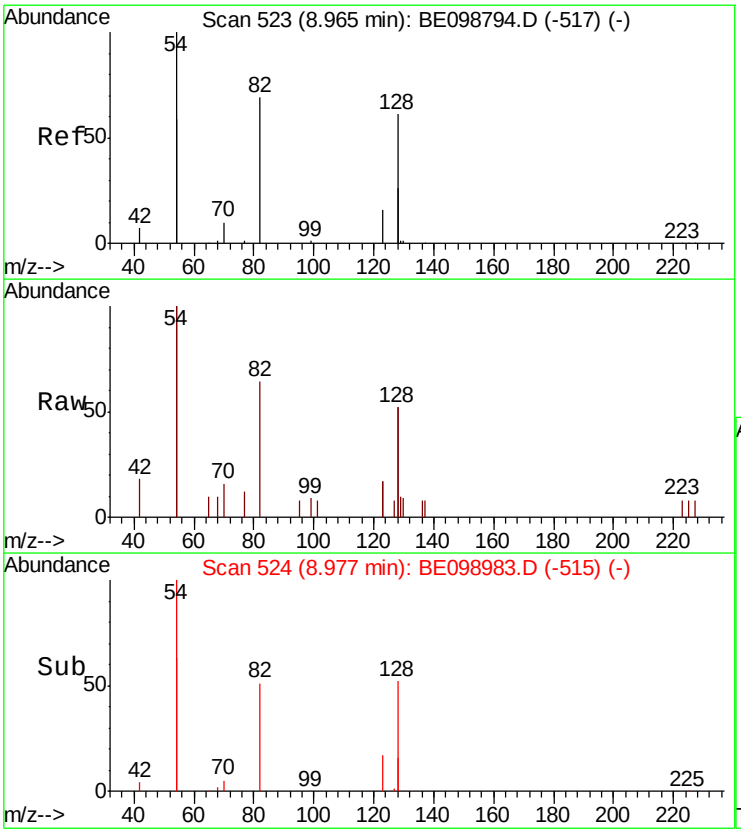
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4132

Ion	Ratio	Lower	Upper
136	100		
137	13.0	11.4	17.0
54	46.3	39.3	58.9
68	7.3	6.7	10.1

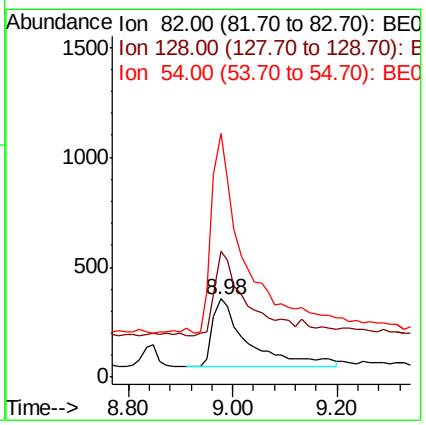


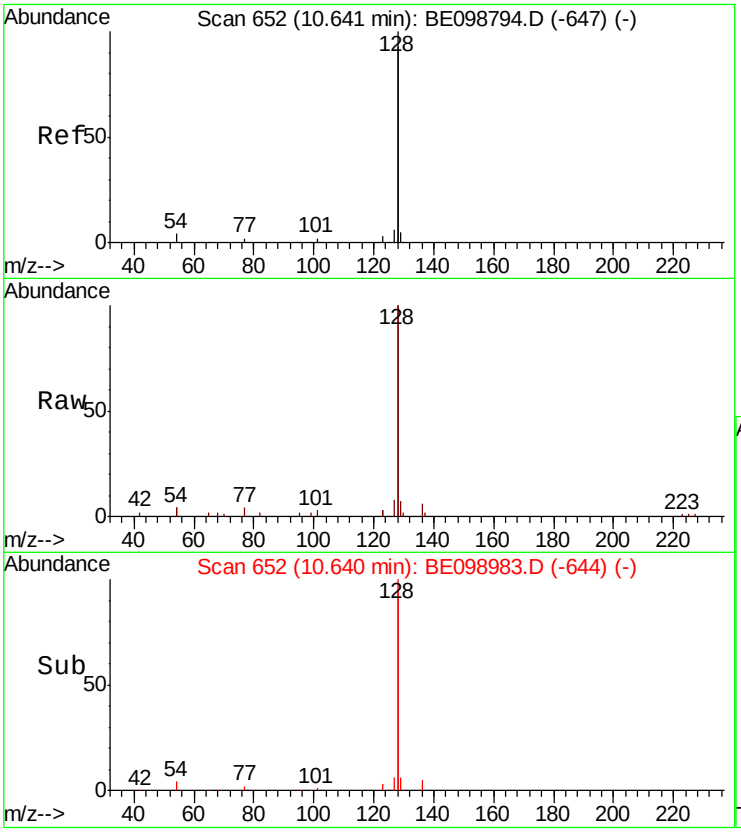


#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion: 82 Resp: 1443

Ion	Ratio	Lower	Upper
82	100		
128	161.2	123.8	185.8
54	311.2	203.4	305.2#



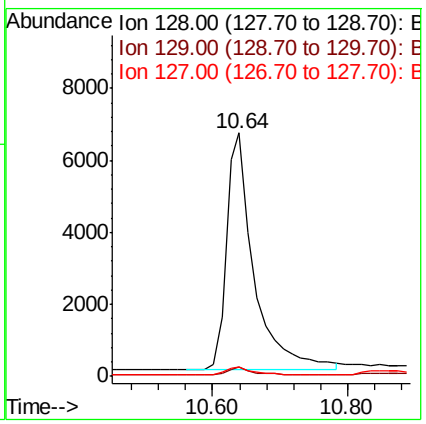


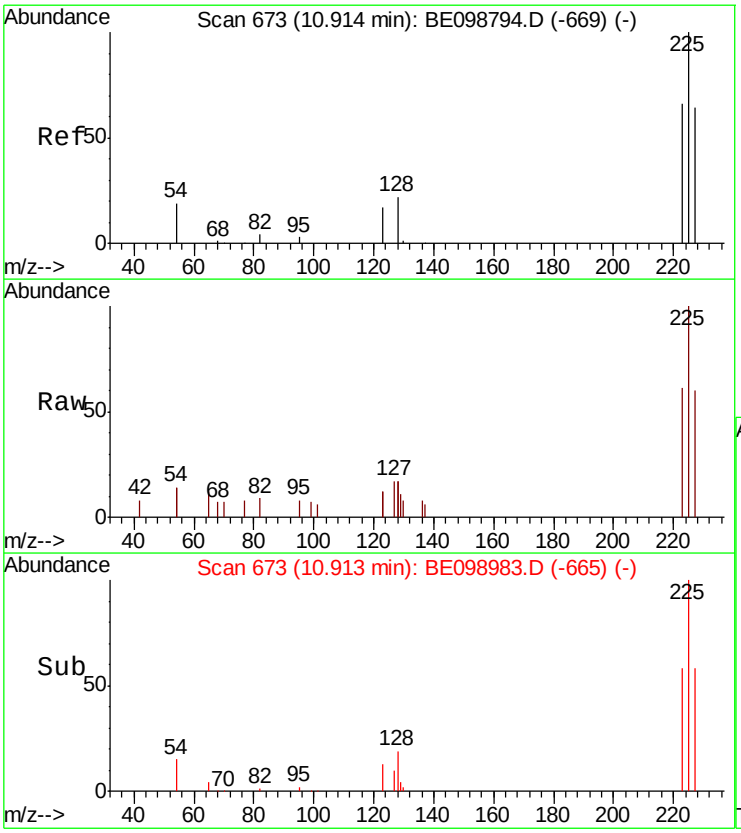
#9
Naphthalene
Concen: 0.396 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 18735

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.6	4.0
127	3.8	3.1	4.7

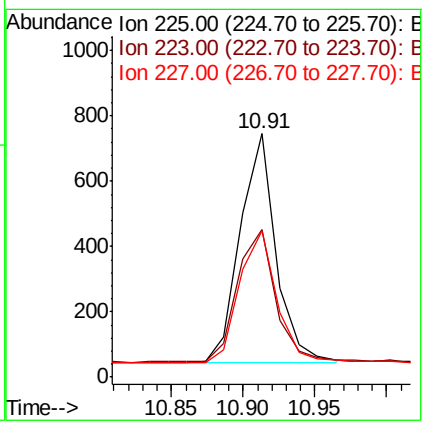


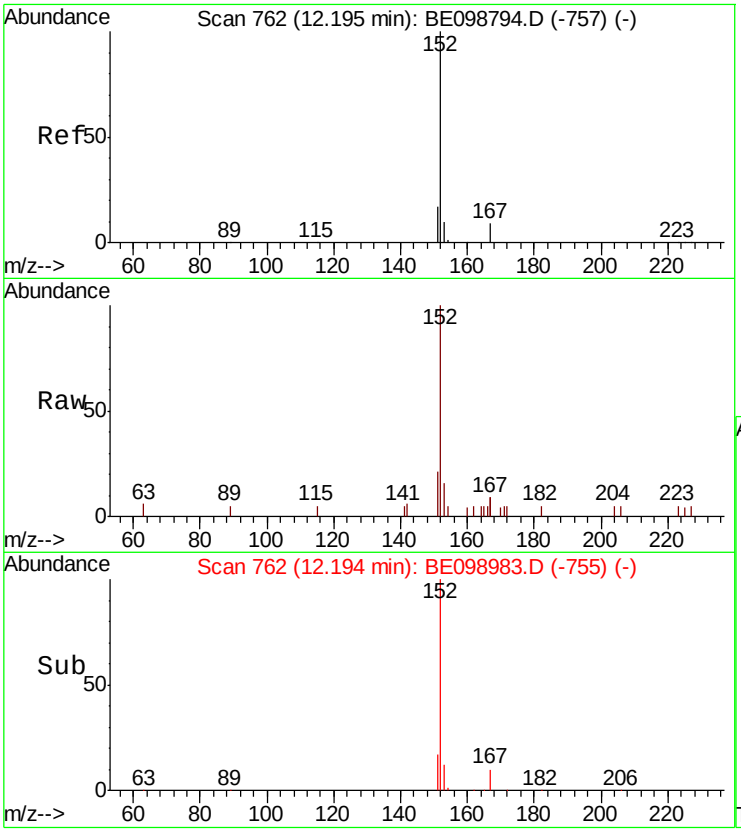


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:225 Resp: 1212

Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.1	76.7
227	61.1	51.6	77.4



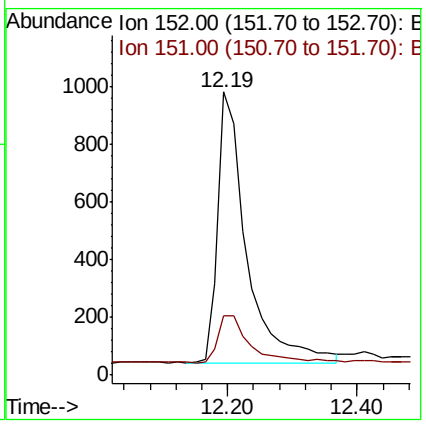


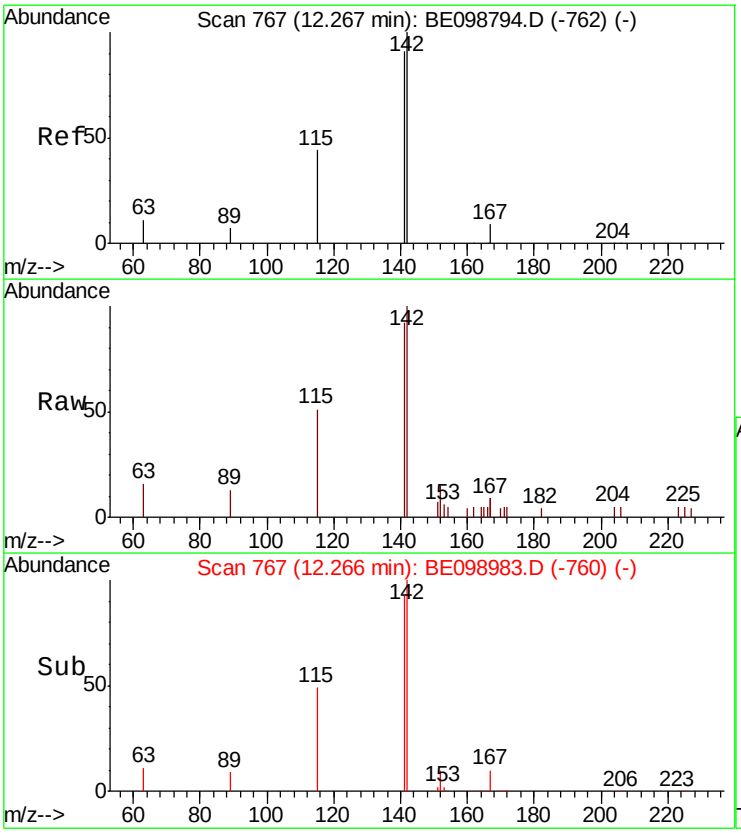
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2892

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.5	24.7

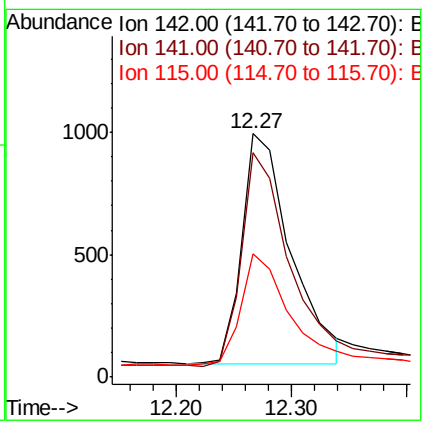


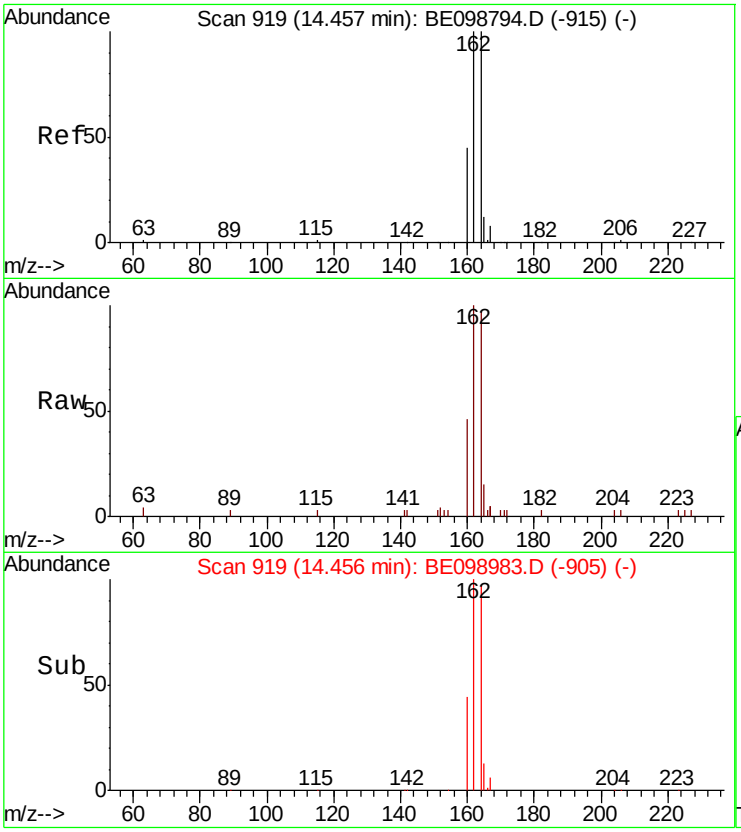


#12
2-Methylnaphthalene
Concen: 0.359 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:142 Resp: 2755

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.6	108.8
115	50.9	37.4	56.2



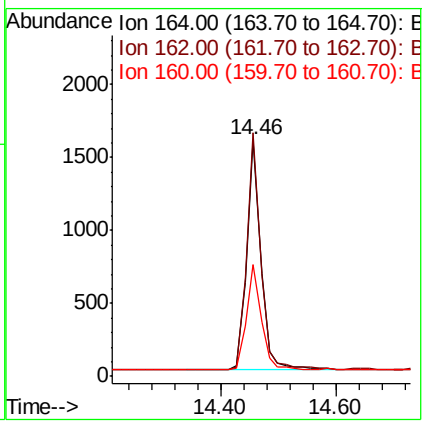


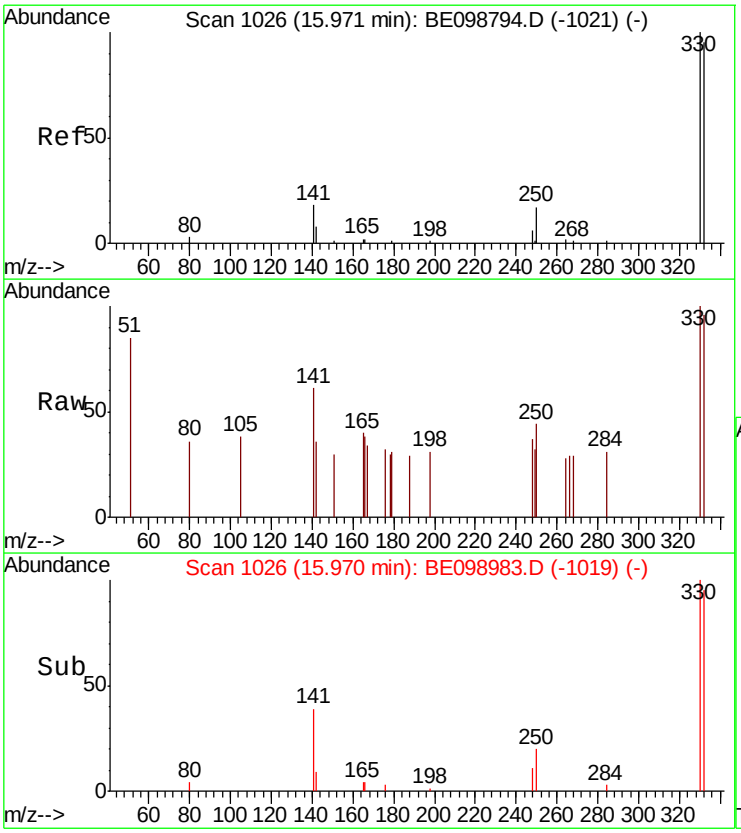
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2738

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	47.0	37.8	56.8

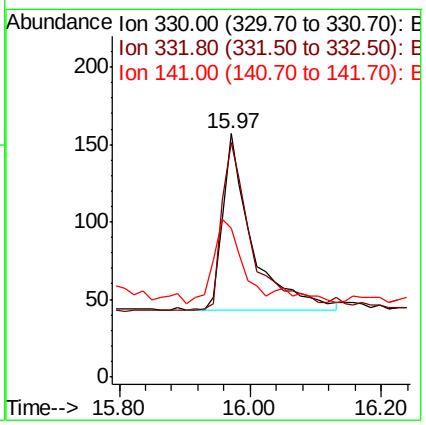


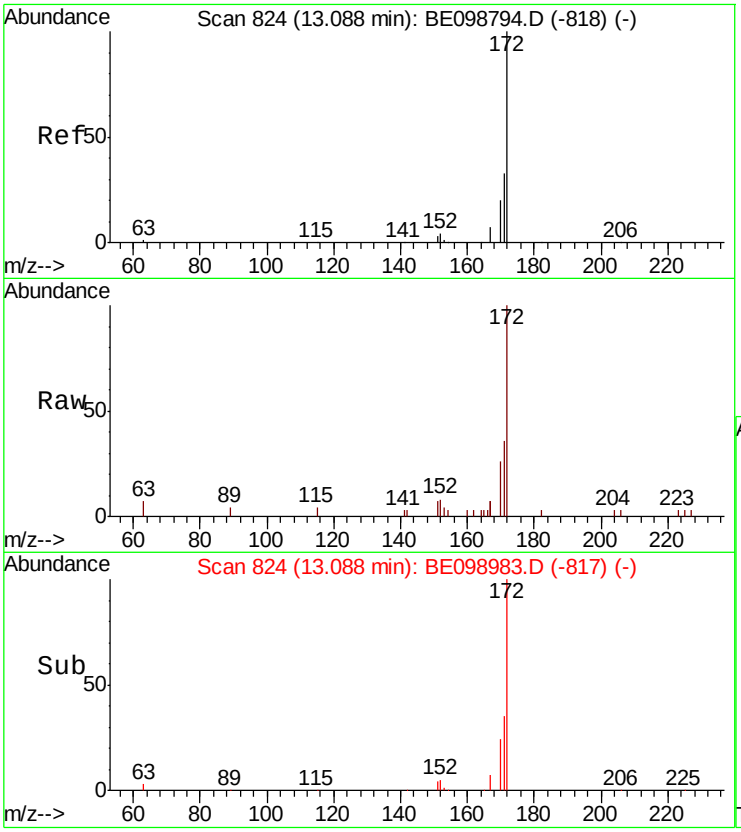


#14
2,4,6-Tribromophenol
Concen: 0.260 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:330 Resp: 359

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.6	116.4
141	46.0	31.0	46.4



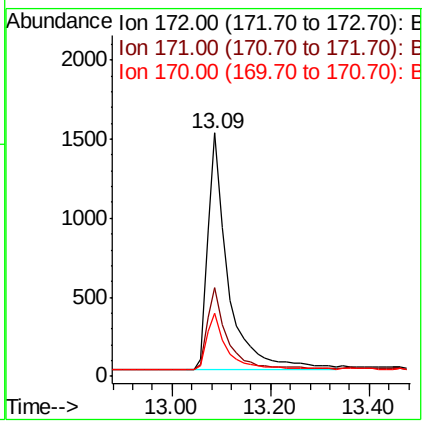


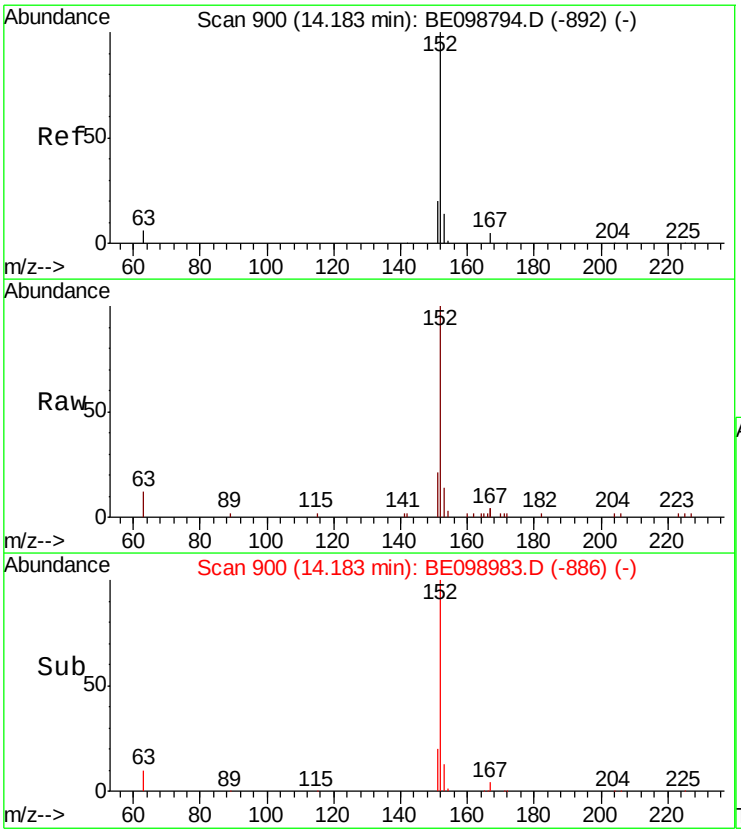
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4232

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.0	42.0
170	25.7	17.7	26.5

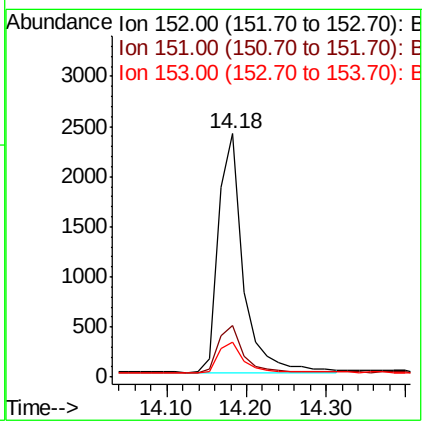


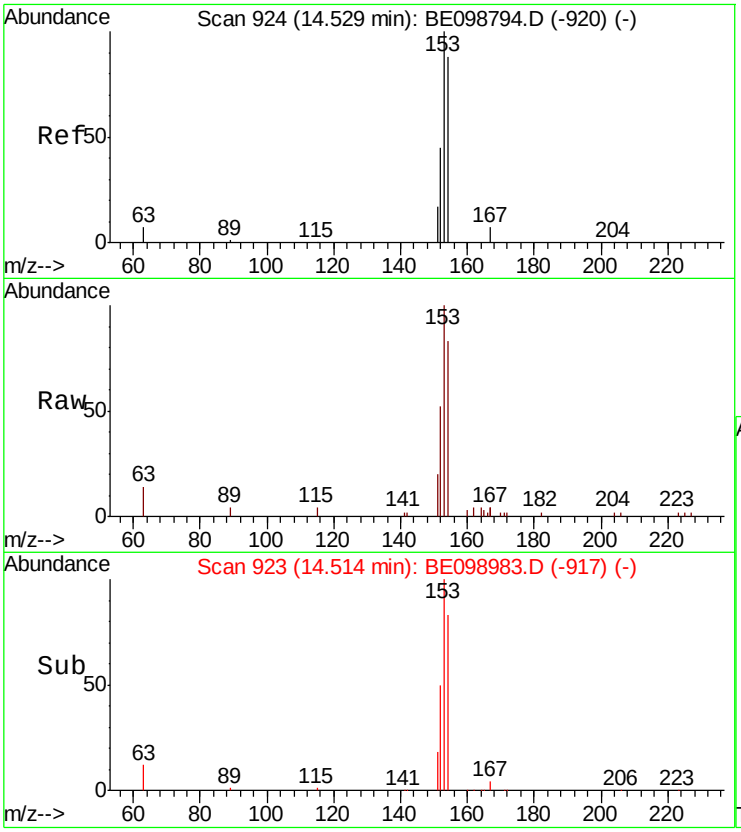


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:152 Resp: 5109

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.0	25.6
153	13.5	11.2	16.8



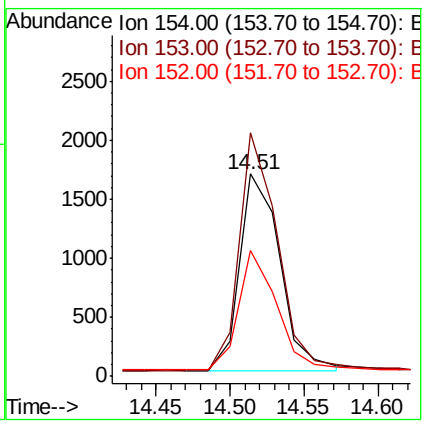


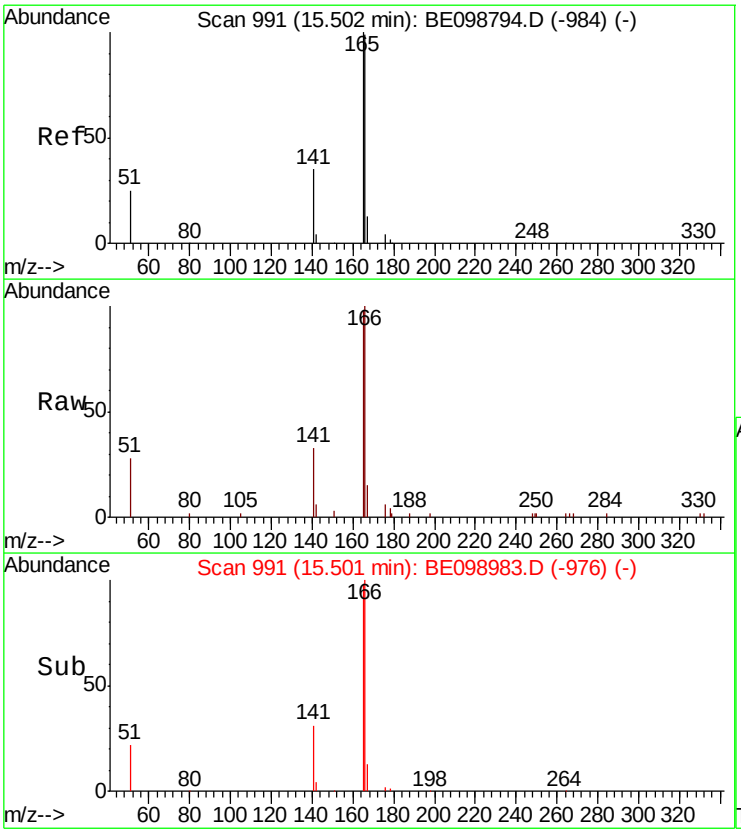
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3180

Ion	Ratio	Lower	Upper
154	100		
153	113.9	94.2	141.4
152	56.6	45.0	67.4

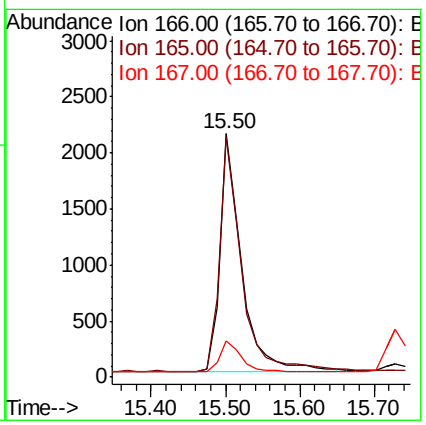


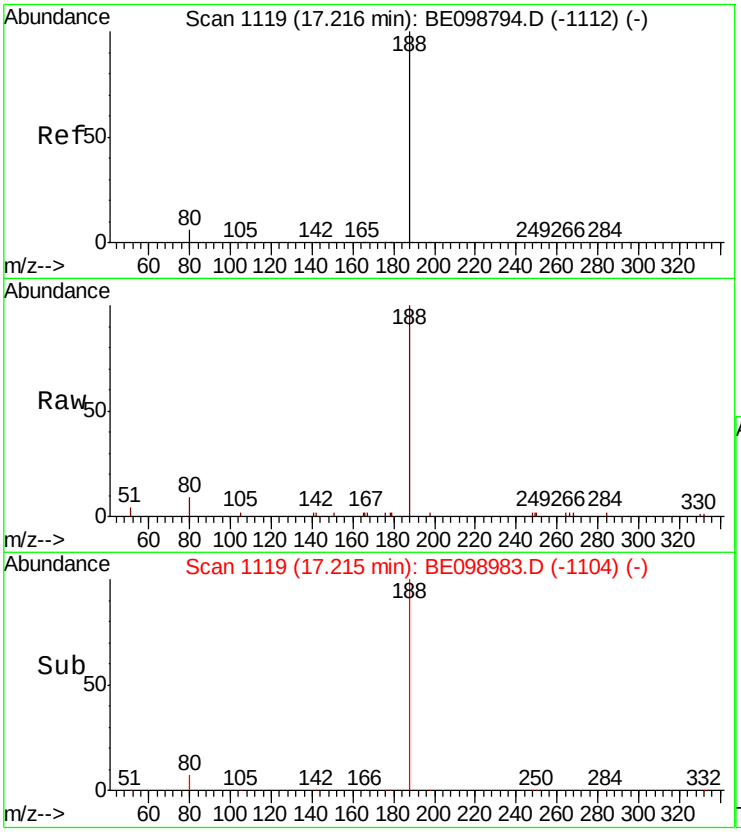


#18
Fluorene
Concen: 0.361 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:166 Resp: 4354

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.3	118.9
167	13.5	10.5	15.7



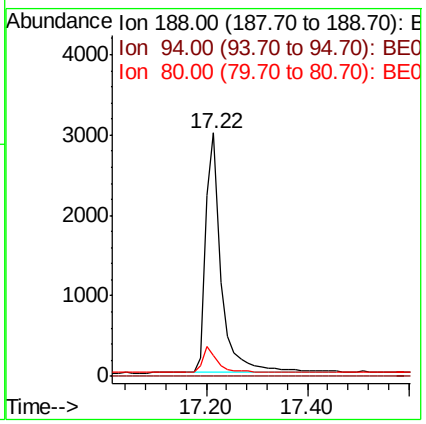


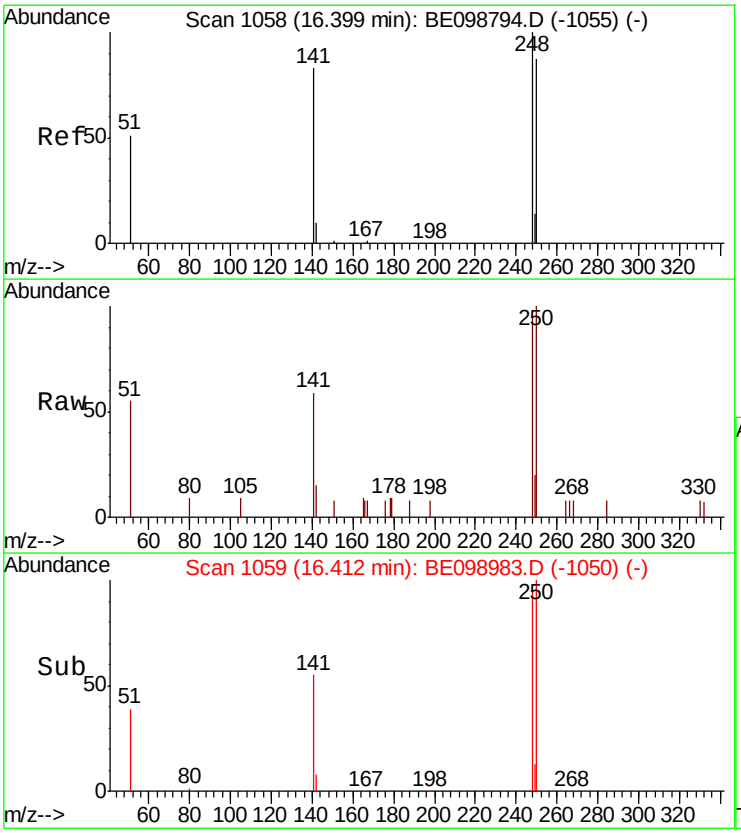
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6439

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	6.3	9.5

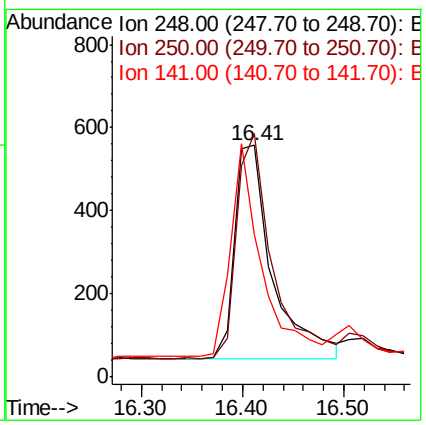


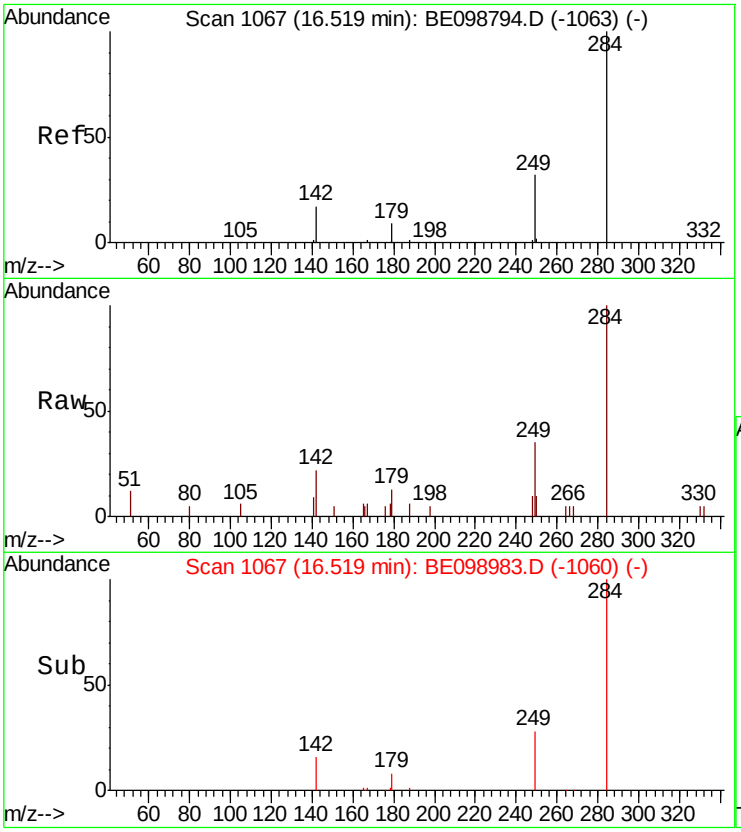


#20
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:248 Resp: 1334

Ion	Ratio	Lower	Upper
248	100		
250	105.0	70.6	105.8
141	61.5	68.6	102.8#



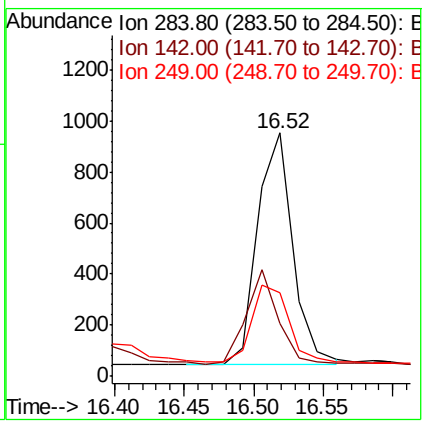


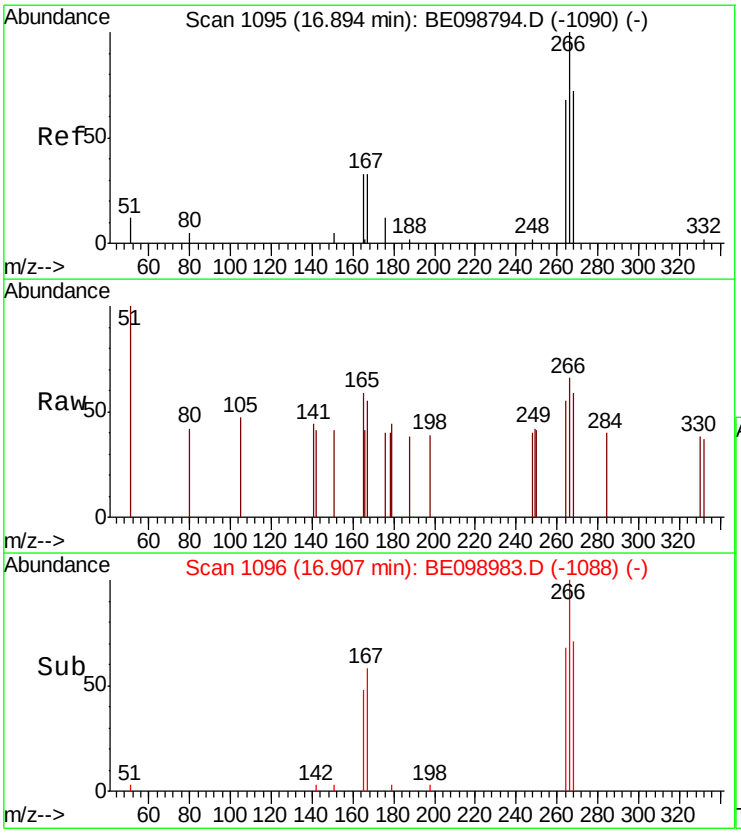
#21
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1601

Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.7	43.1
249	34.2	29.6	44.4

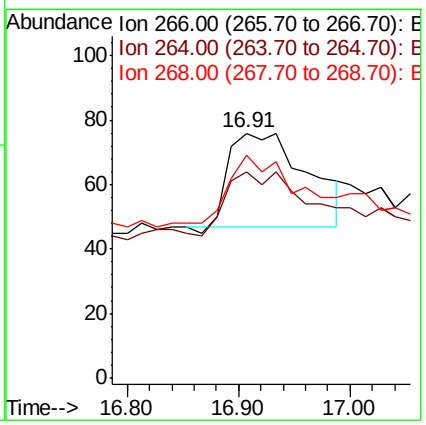


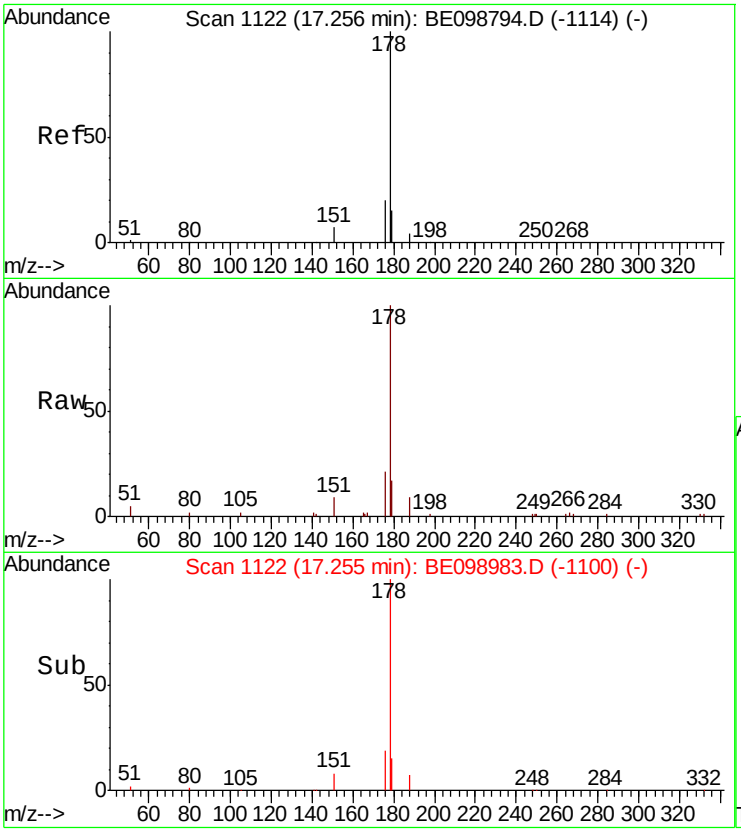


#22
Pentachlorophenol
Concen: 0.364 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:266 Resp: 141

Ion	Ratio	Lower	Upper
266	100		
264	84.2	66.6	100.0
268	90.8	69.8	104.8



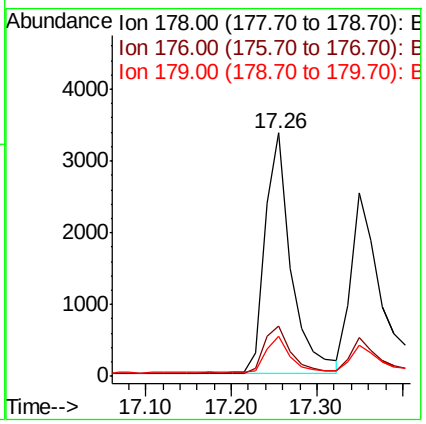


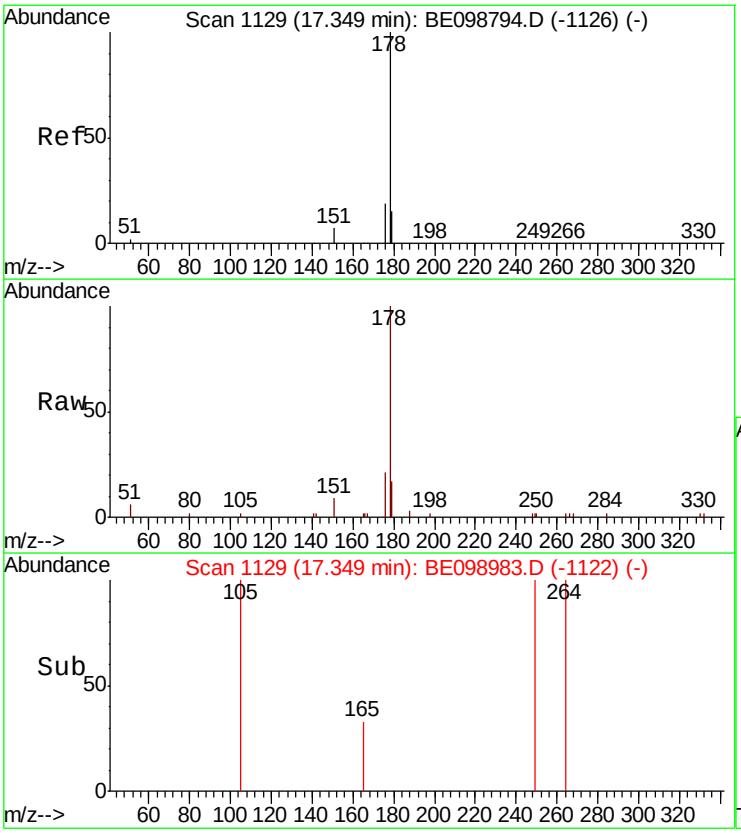
#23
Phenanthrene
Concen: 0.383 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7018

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	14.9	12.1	18.1

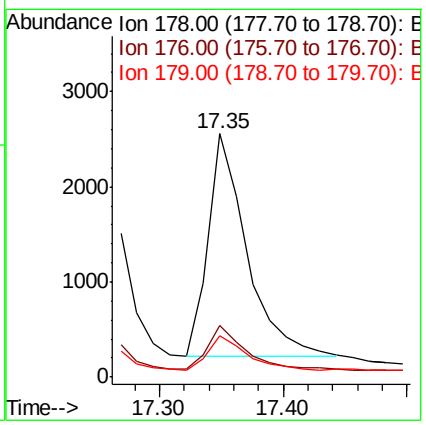


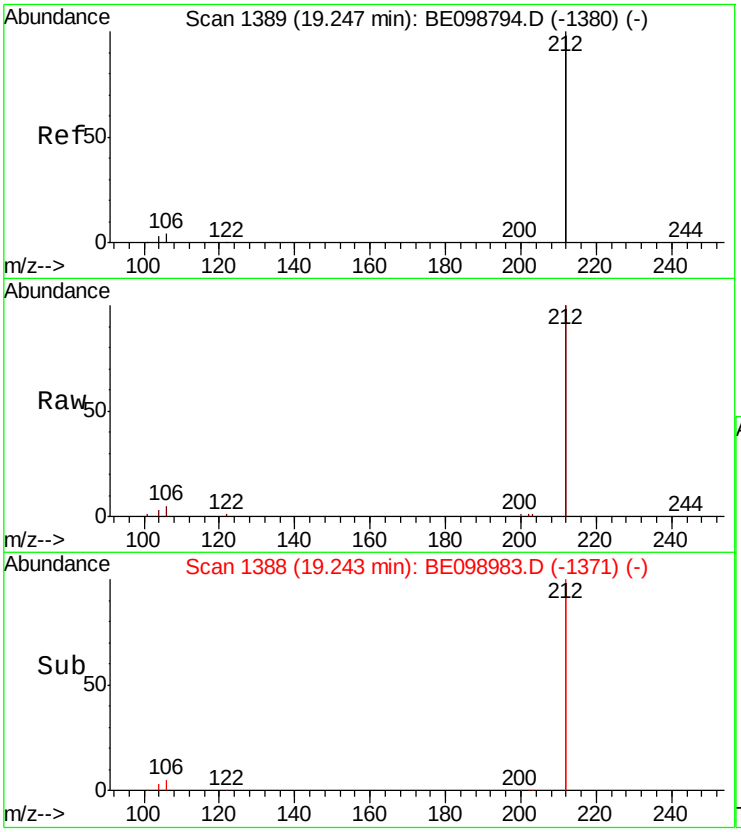


#24
Anthracene
Concen: 0.325 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:178 Resp: 5077

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.3	12.2	18.4



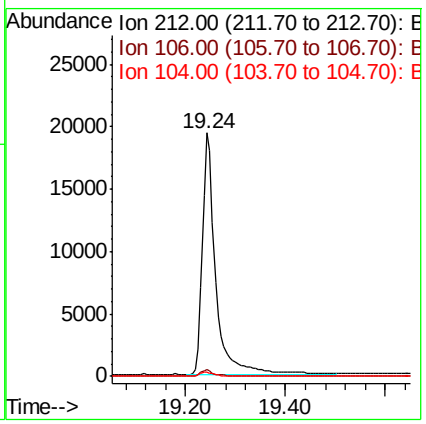


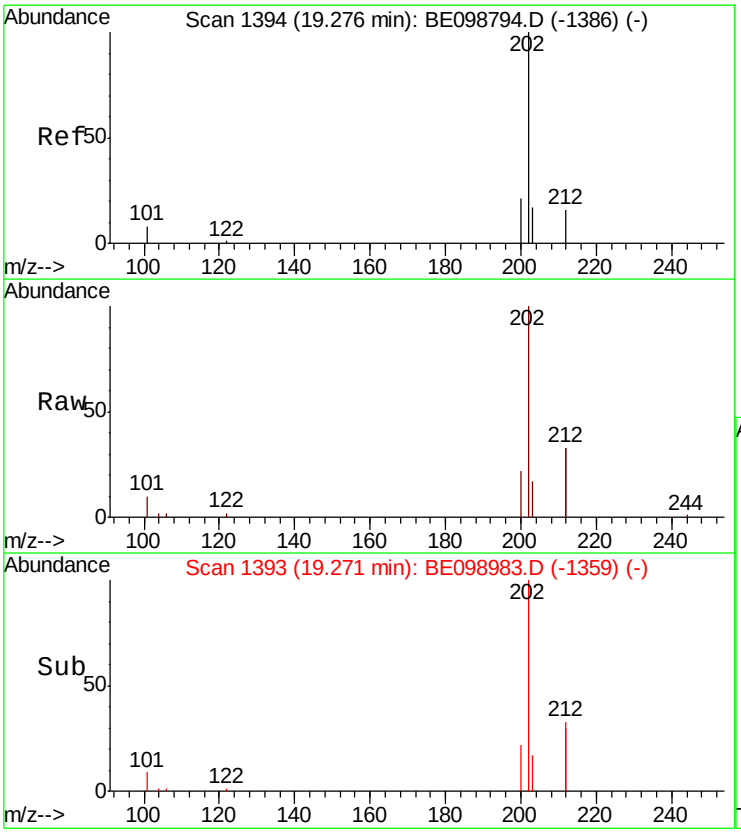
#25
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 35745

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6

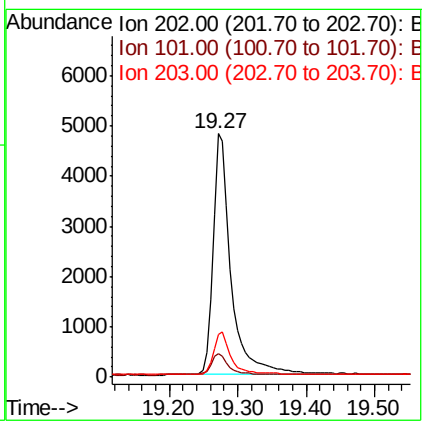


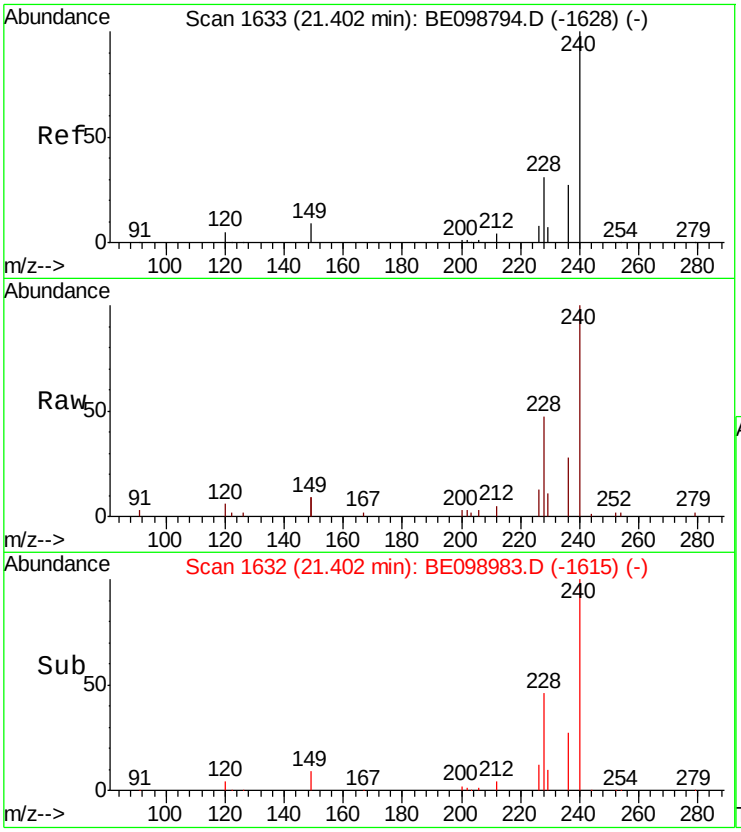


#26
Fluoranthene
Concen: 0.346 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:202 Resp: 8935

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.3	10.9
203	16.7	13.4	20.2



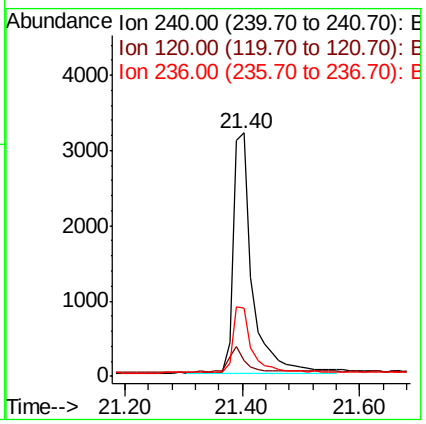


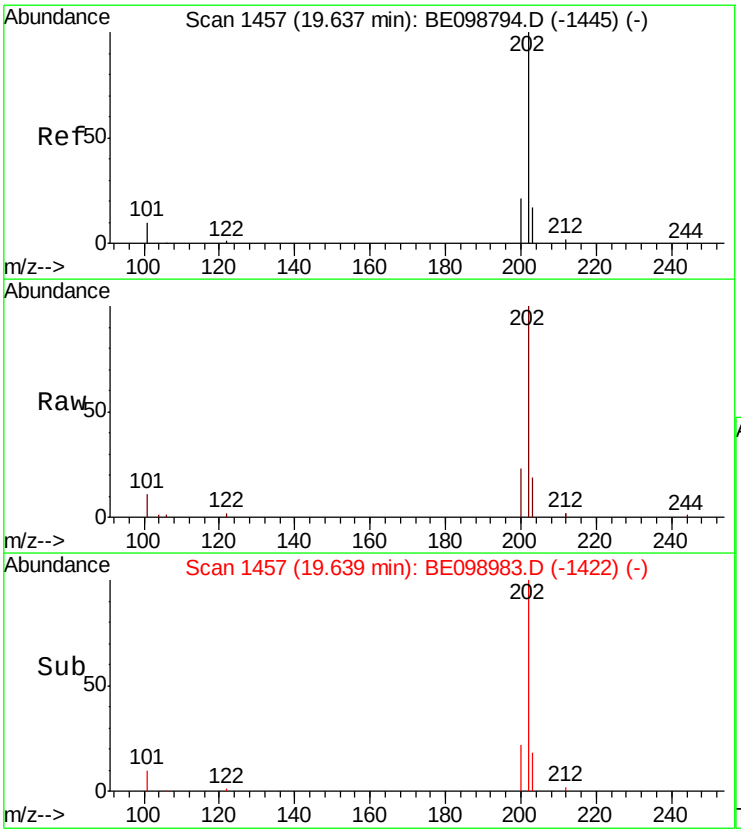
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 7169

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.0	7.4
236	28.0	22.7	34.1

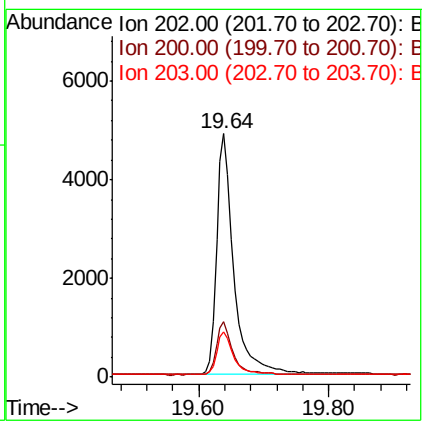


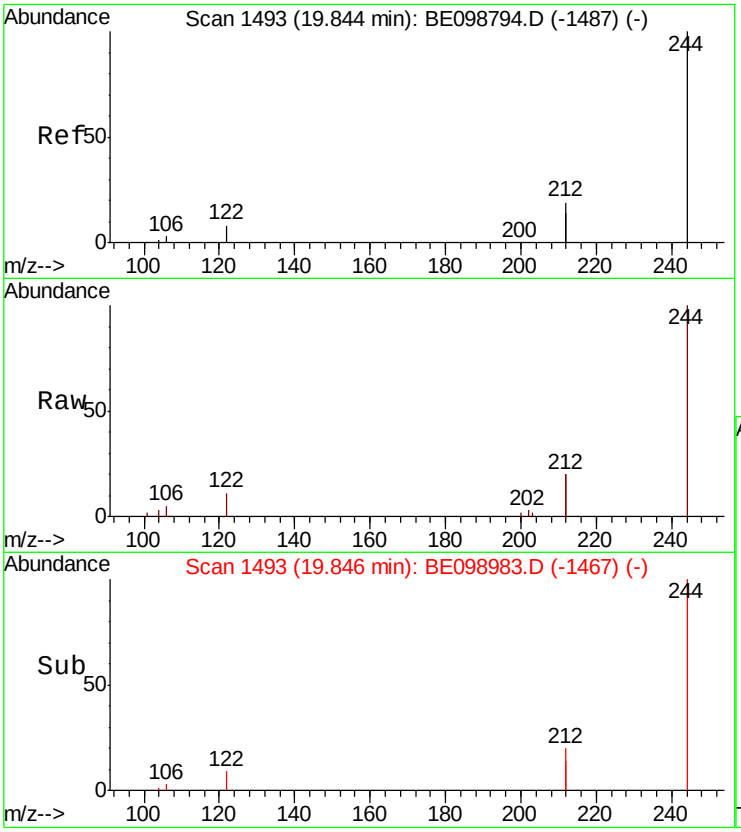


#28
Pyrene
Concen: 0.416 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:202 Resp: 9115

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.6	14.2	21.2



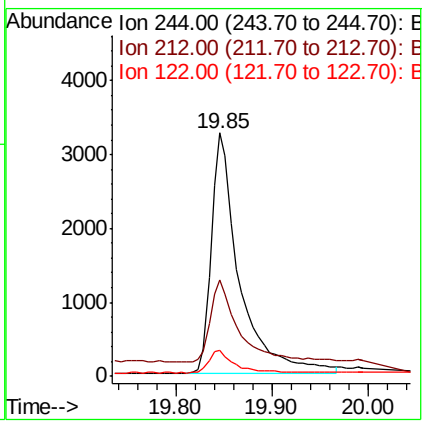


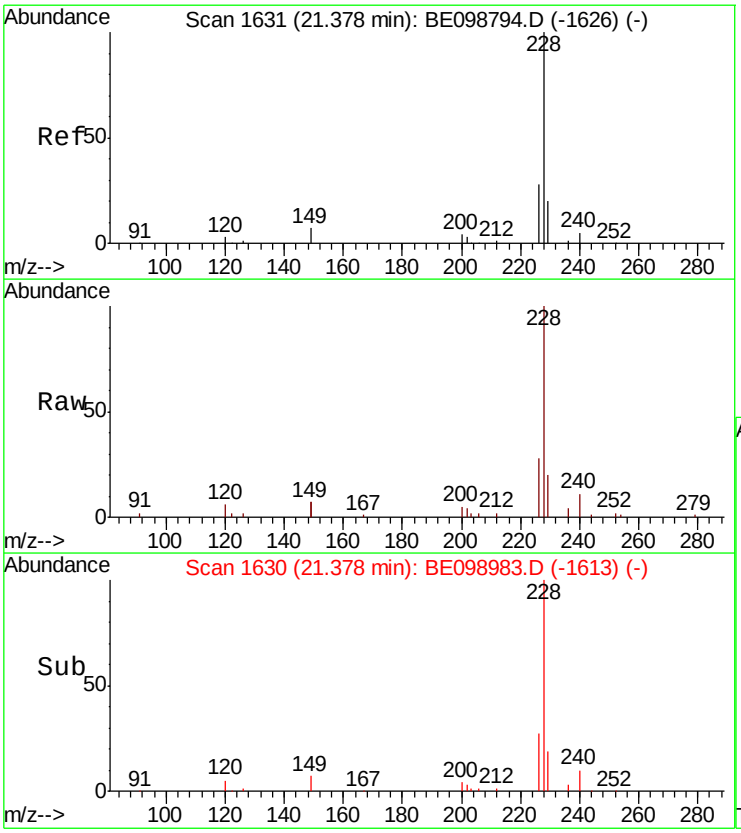
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.85 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6633

Ion	Ratio	Lower	Upper
244	100		
212	39.7	29.4	44.2
122	10.8	7.1	10.7#

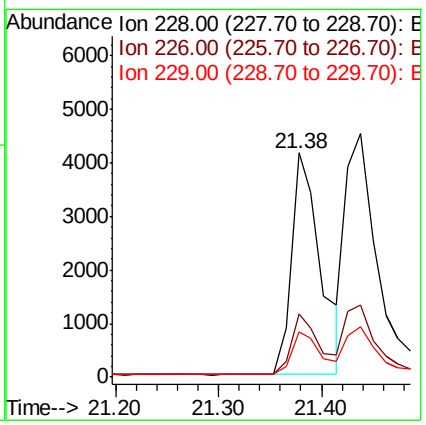


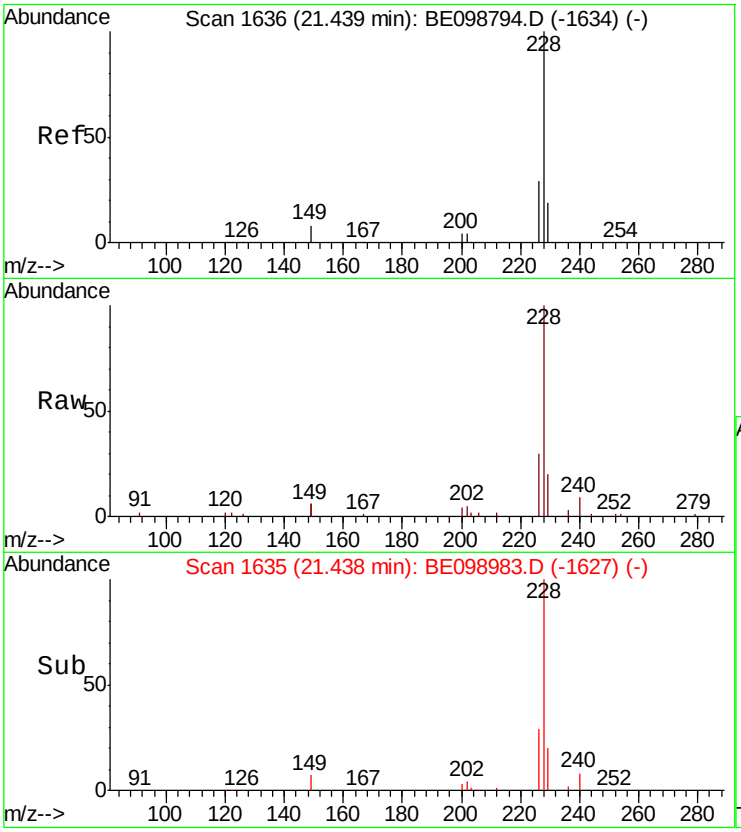


#30
Benzo(a)anthracene
Concen: 0.365 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:228 Resp: 8168

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	20.2	16.5	24.7



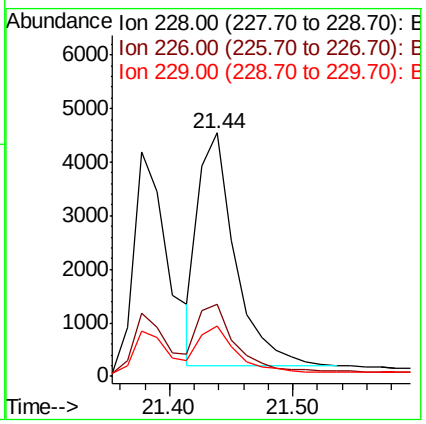


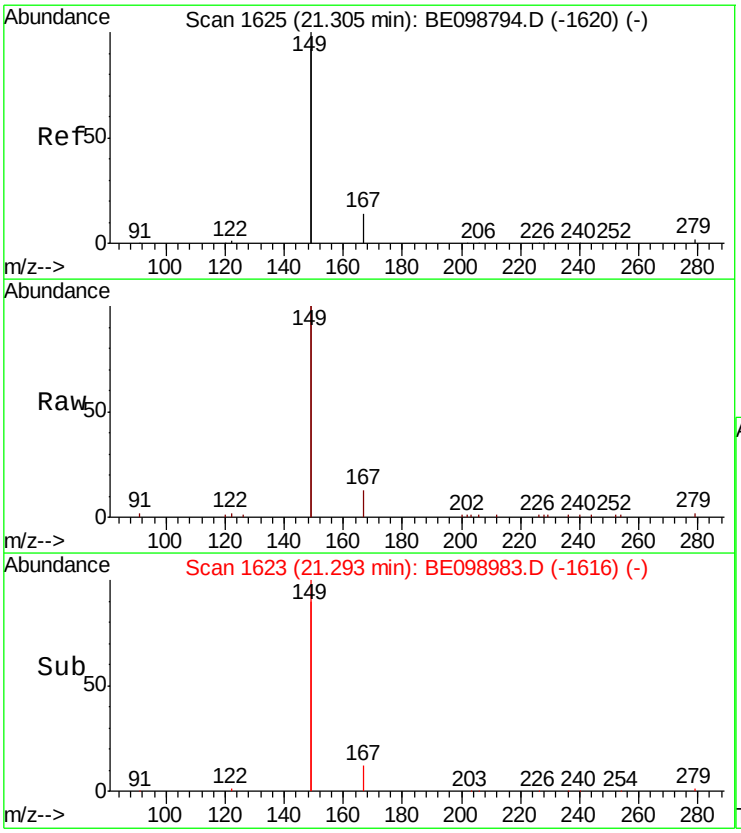
#31
Chrysene
Concen: 0.375 ng
RT: 21.44 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 8972

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	20.4	16.1	24.1

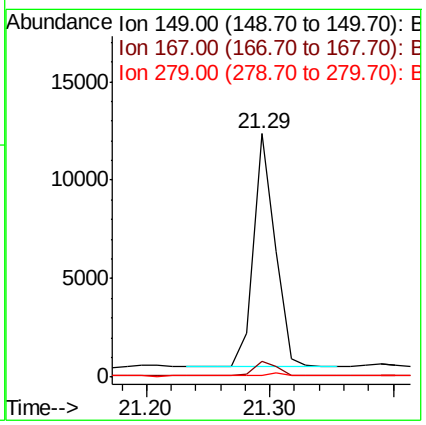


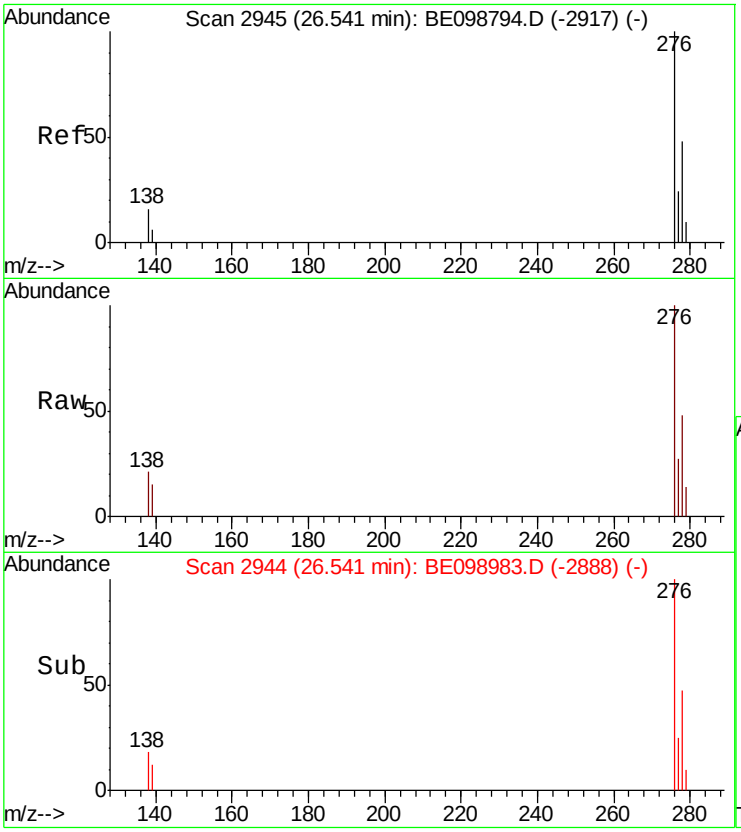


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.305 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:149 Resp: 14536

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.2	1.0	1.4



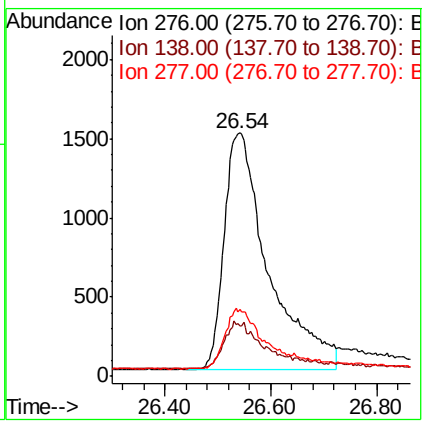


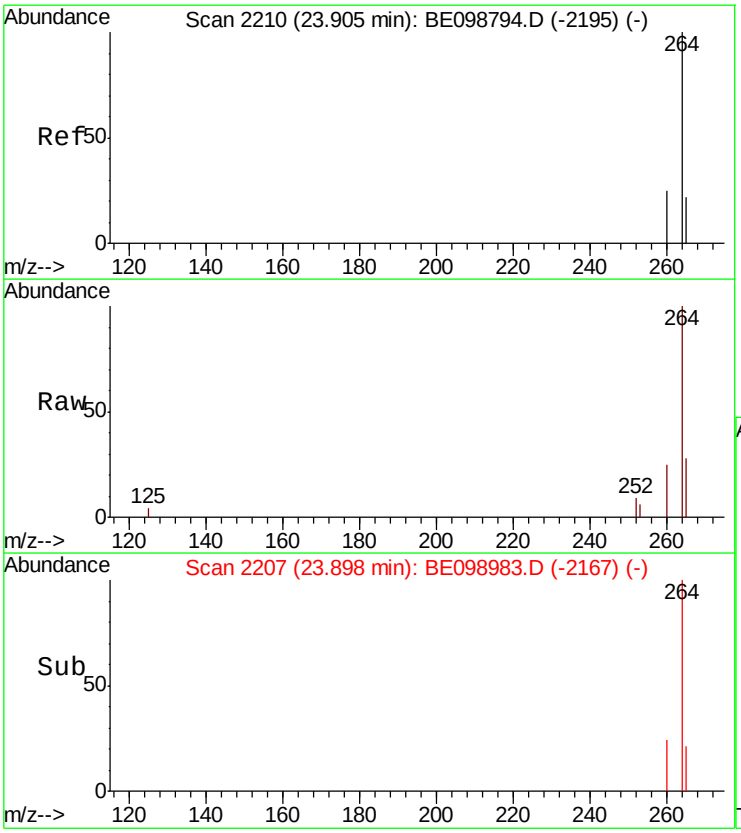
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng
RT: 26.54 min Scan# 2944
Delta R.T. 0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8682

Ion	Ratio	Lower	Upper
276	100		
138	7.6	13.8	20.8#
277	22.7	19.5	29.3

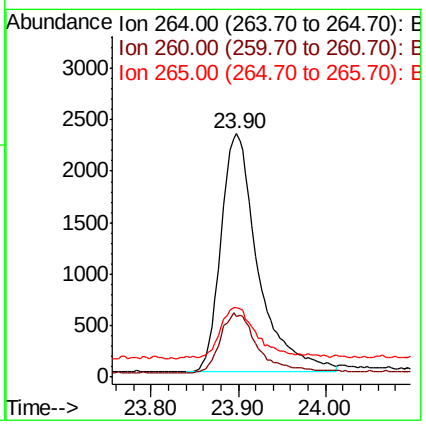


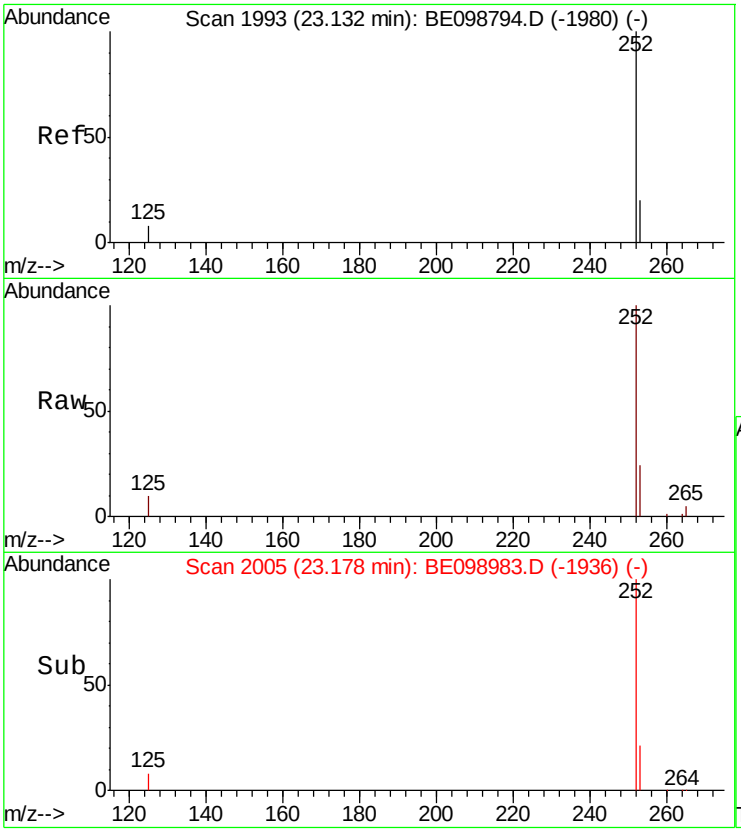


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:264 Resp: 6847

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.2	31.8
265	28.5	24.6	36.8



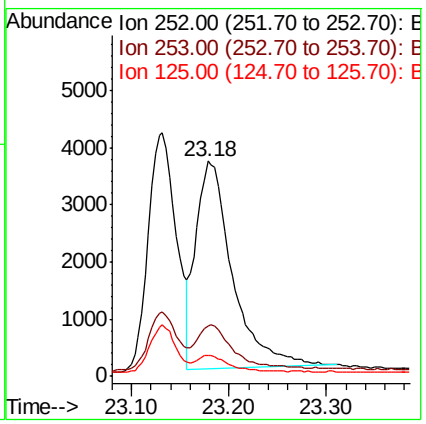


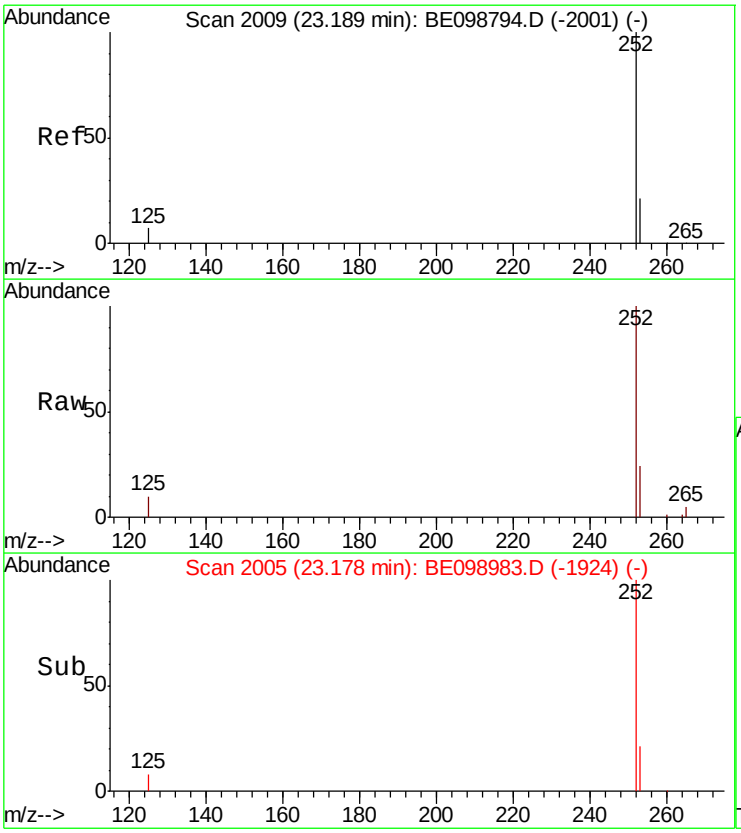
#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 23.18 min Scan# 2005
Delta R.T. 0.05 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9541

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	9.5	7.3	10.9

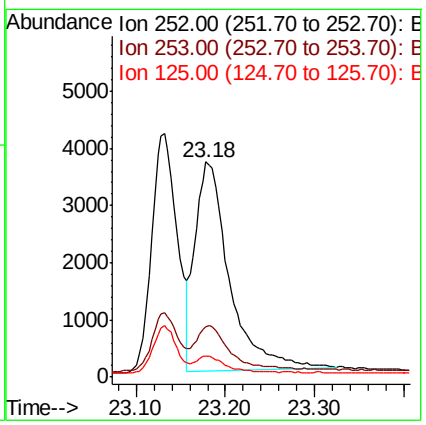


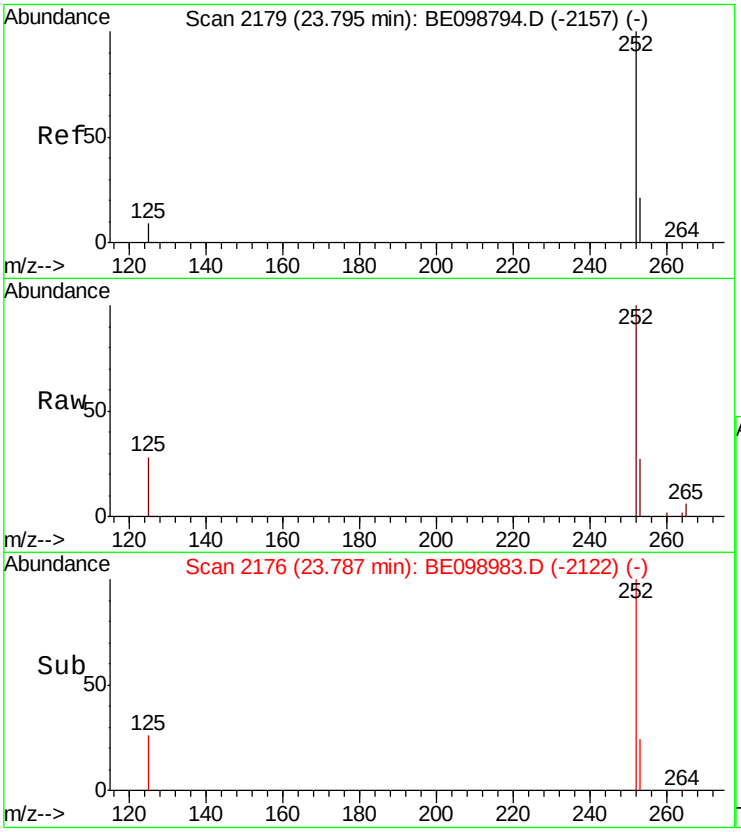


#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 23.18 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:252 Resp: 9758

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.3	28.9
125	9.5	7.5	11.3



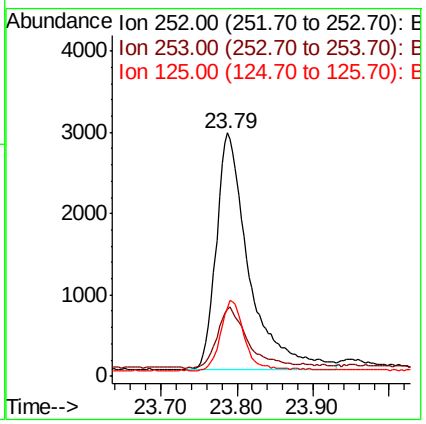


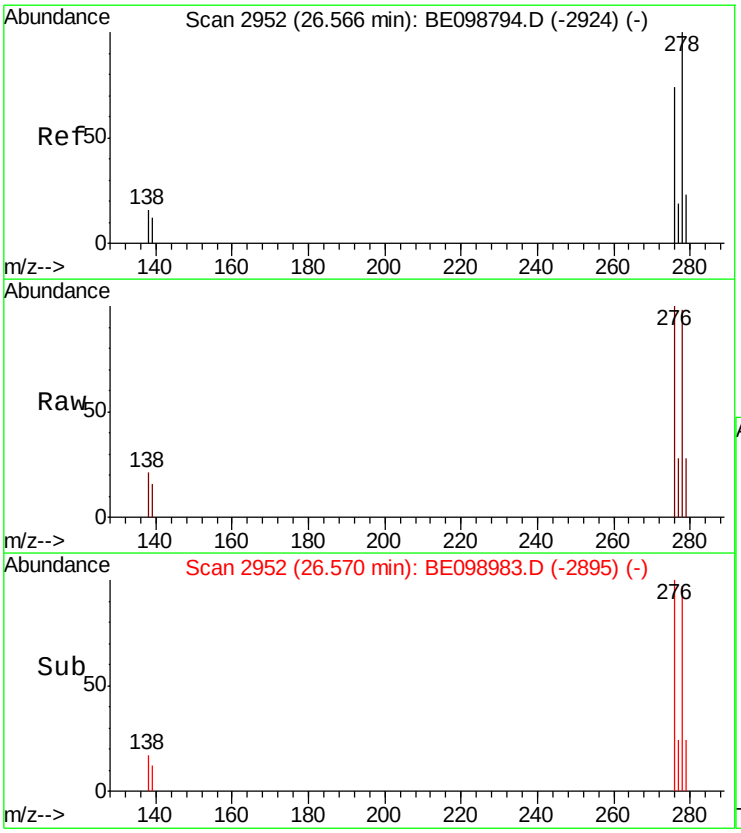
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8625

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.9	29.9
125	27.9	9.0	13.4#

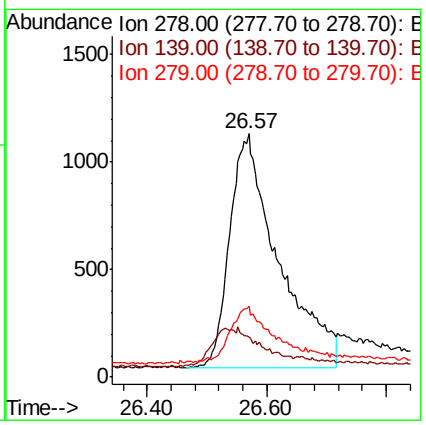


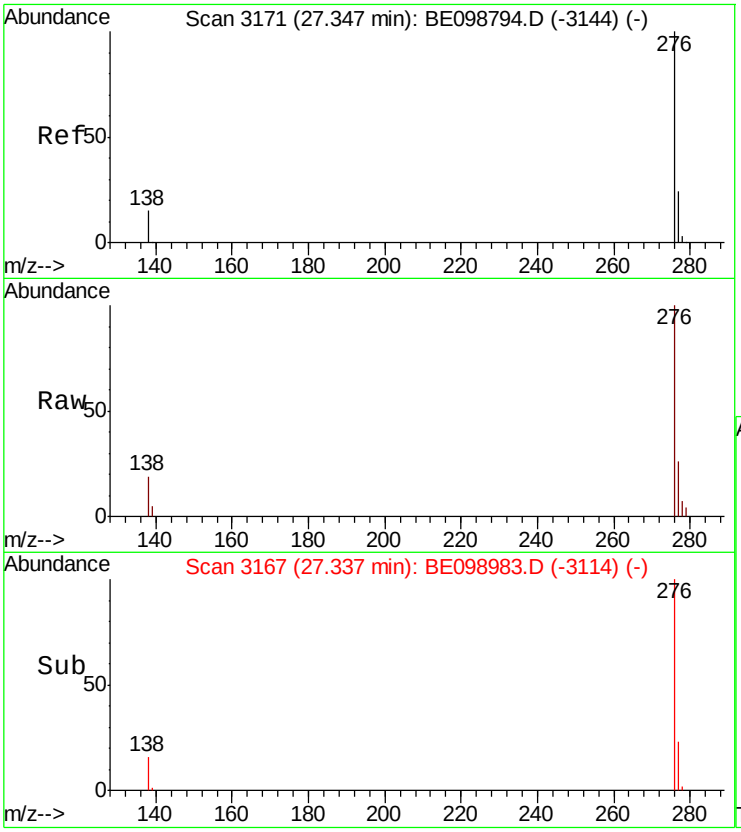


#38
Dibenzo(a,h)anthracene
Concen: 0.300 ng
RT: 26.57 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Tgt Ion:278 Resp: 6135

Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.8	17.6
279	28.9	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.324 ng
RT: 27.34 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BE098983.D
Acq: 15 Mar 2019 22:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6922

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.4	30.6
138	19.0	13.6	20.4