Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010419\
Data File : BE098614.D
Acq On : 4 Jan 2019 12:23
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jan 04 21:12:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	985	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	4434	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	2930	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	6916	0.40	ng		0.00
27) Chrysene-d12	21.41	240	7848	0.40	ng		0.01
34) Perylene-d12	23.93	264	7741	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1224	0.53	ng		0.01
5) Phenol-d6	7.00	99	1825	0.56	ng		0.01
8) Nitrobenzene-d5	8.96	82	1716	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	3207	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	545	0.51	ng		0.01
15) 2-Fluorobiphenyl	13.10	172	4862	0.39	ng		0.02
25) Fluoranthene-d10	19.26	212	36088	0.41	ng		0.01
29) Terphenyl-d14	19.86	244	7354	0.39	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	689	0.404	ng		98
3) n-Nitrosodimethylamine	3.65	42	628	0.410	ng	#	100
6) bis(2-Chloroethyl)ether	7.24	93	1247	0.402	ng		99
9) Naphthalene	10.65	128	18983	0.425	ng	#	99
10) Hexachlorobutadiene	10.94	225	1316	0.463	ng		96
12) 2-Methylnaphthalene	12.28	142	3180	0.439	ng		97
16) Acenaphthylene	14.20	152	5450	0.397	ng		99
17) Acenaphthene	14.54	154	3441	0.417	ng		99
18) Fluorene	15.52	166	4435	0.402	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	1597	0.429	ng		86
21) Hexachlorobenzene	16.53	284	1839	0.460	ng		98
22) Pentachlorophenol	16.90	266	711	0.935	ng		94
23) Phenanthrene	17.27	178	7089	0.422	ng		99
24) Anthracene	17.36	178	6160	0.411	ng		99
26) Fluoranthene	19.29	202	8824	0.397	ng		98
28) Pyrene	19.65	202	9393	0.381	ng		99
30) Benzo(a)anthracene	21.39	228	9505	0.425	ng		97
31) Chrysene	21.45	228	9506	0.406	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	23927	0.527	ng		100
33) Indeno(1,2,3-cd)pyrene	26.58	276	10091	0.433	ng		98
35) Benzo(b)fluoranthene	23.16	252	8883	0.420	ng		98
36) Benzo(k)fluoranthene	23.21	252	9588	0.389	ng		99
37) Benzo(a)pyrene	23.81	252	8723	0.399	ng		100
38) Dibenzo(a,h)anthracene	26.60	278	8126	0.395	ng		97
39) Benzo(g,h,i)perylene	27.39	276	8625	0.416	ng		97

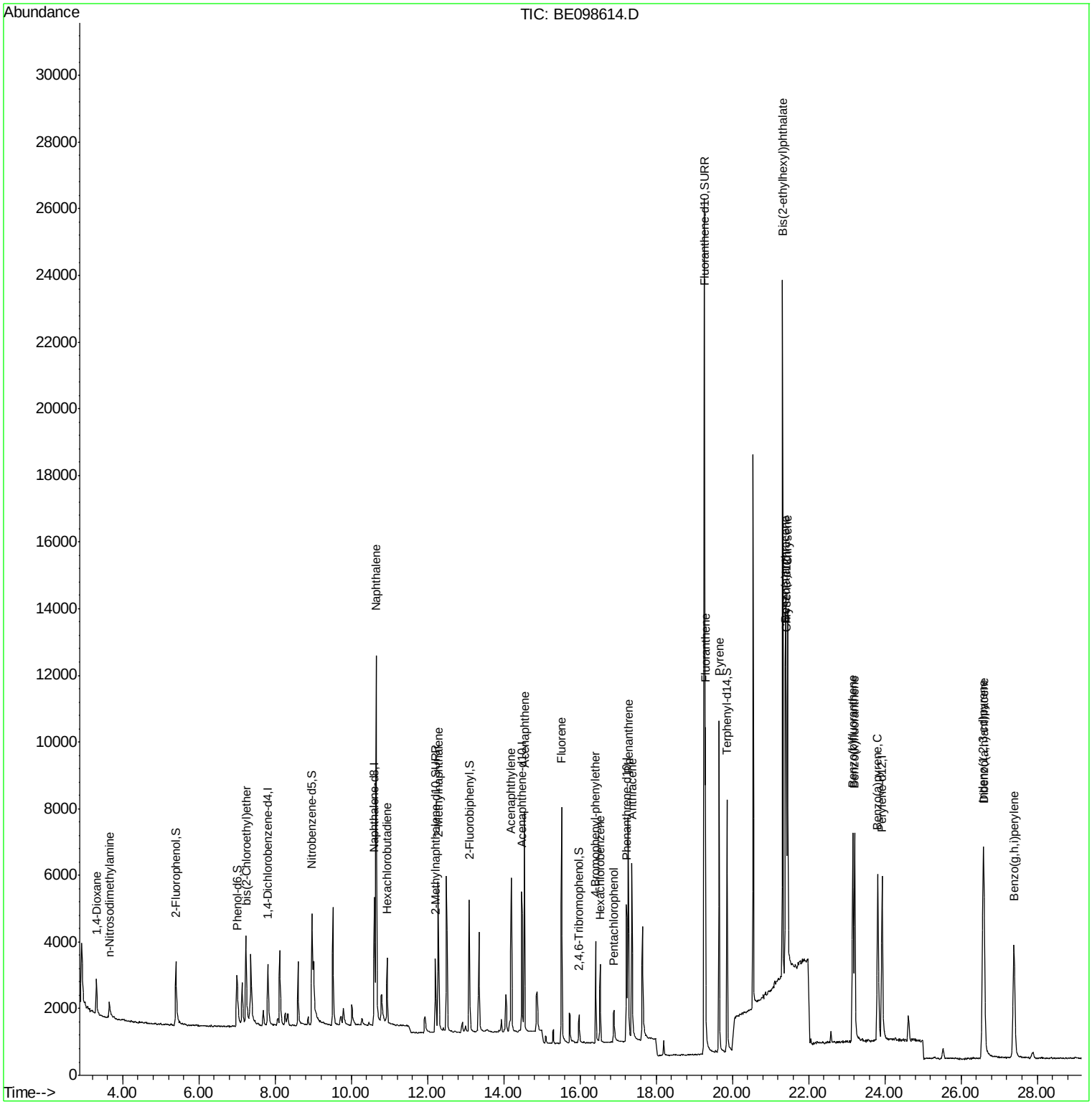
(#) = qualifier out of range (m) = manual integration (+) = signals summed

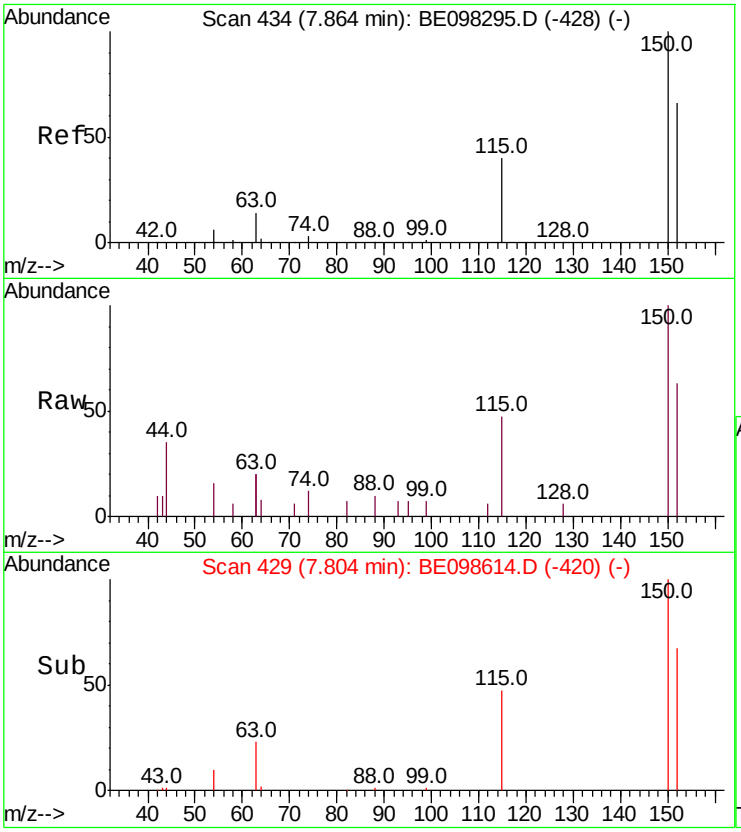
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010419\
Data File : BE098614.D
Acq On : 4 Jan 2019 12:23
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 04 21:12:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration



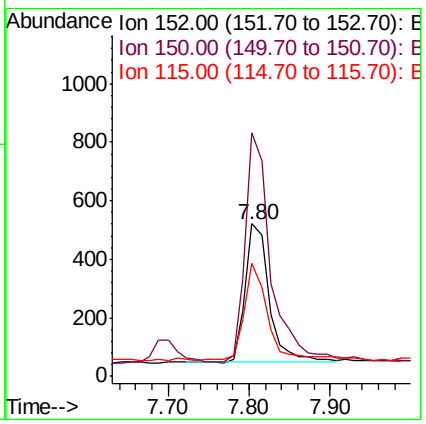


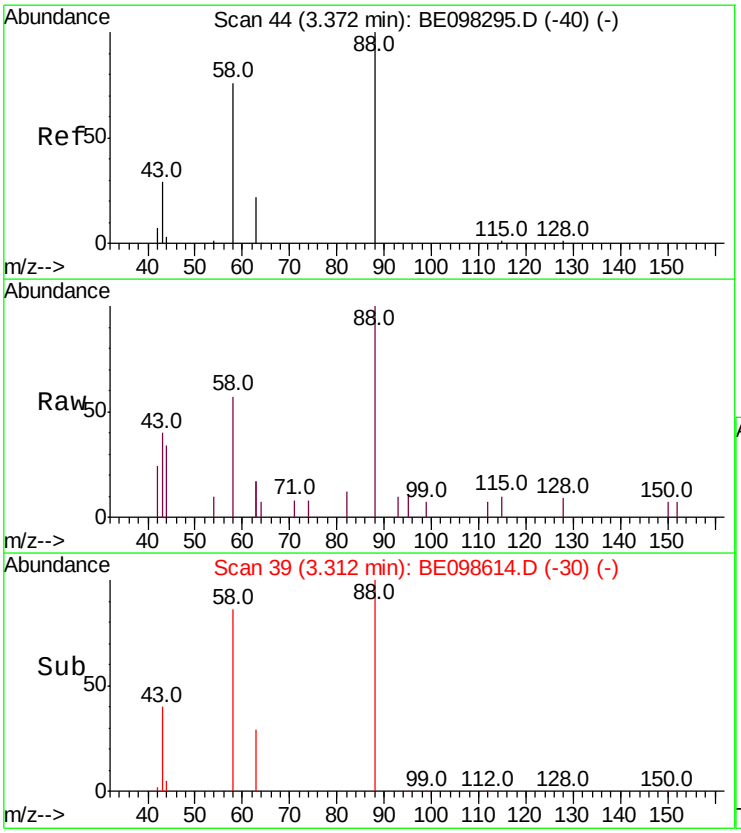
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 985

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.2	186.4
115	74.5	53.9	80.9

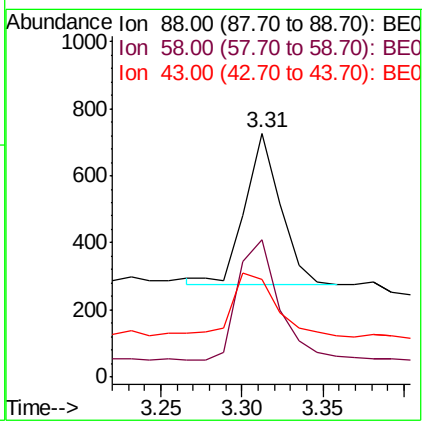


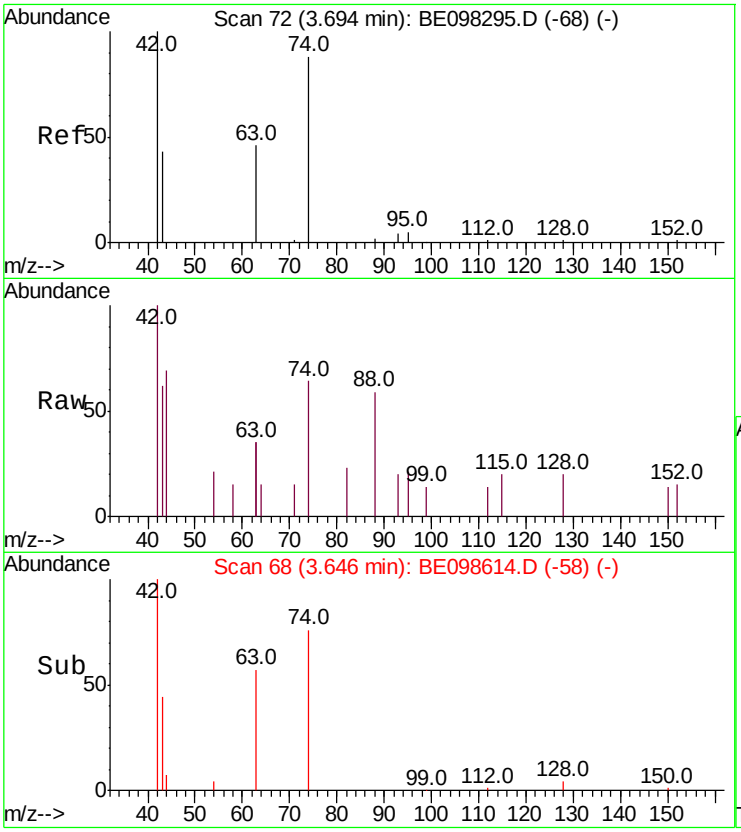


#2
1,4-Dioxane
Concen: 0.404 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion: 88 Resp: 689

Ion	Ratio	Lower	Upper
88	100		
58	93.5	75.0	112.6
43	51.2	38.3	57.5



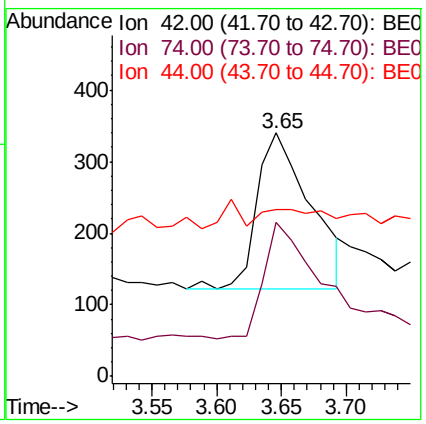


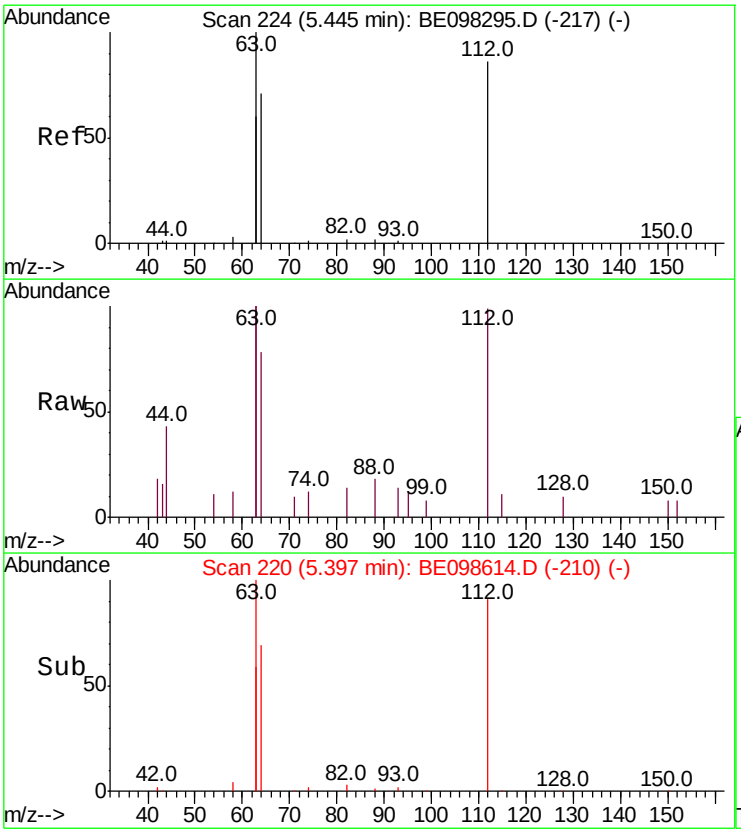
#3
n-Nitrosodimethylamine
Concen: 0.410 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 628

Ion	Ratio	Lower	Upper
42	100		
74	70.5	0.0	0.0#
44	13.2	0.0	0.0#

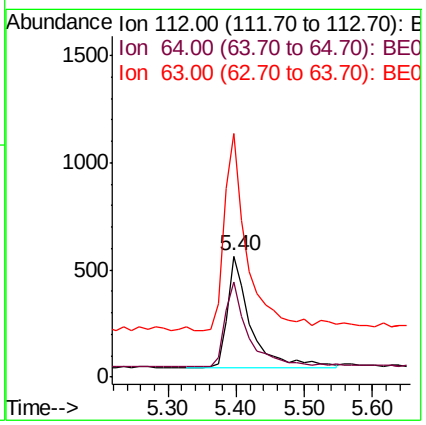


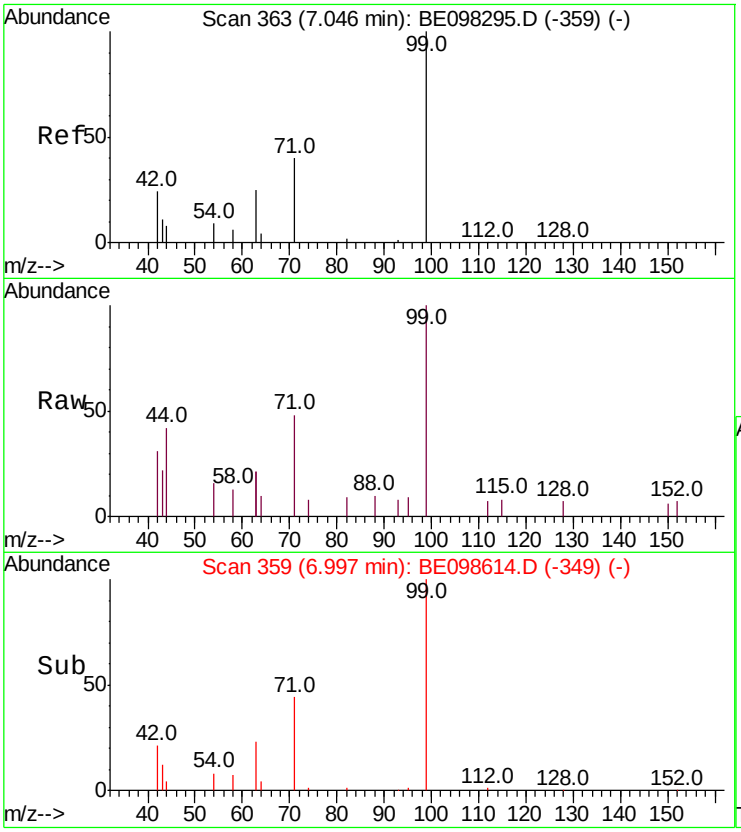


#4
2-Fluorophenol
Concen: 0.531 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:112 Resp: 1224

Ion	Ratio	Lower	Upper
112	100		
64	82.2	59.8	89.8
63	178.0	133.7	200.5



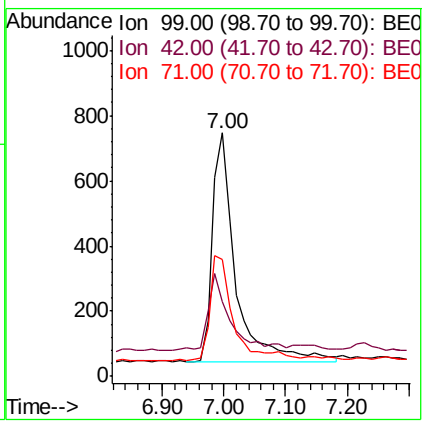


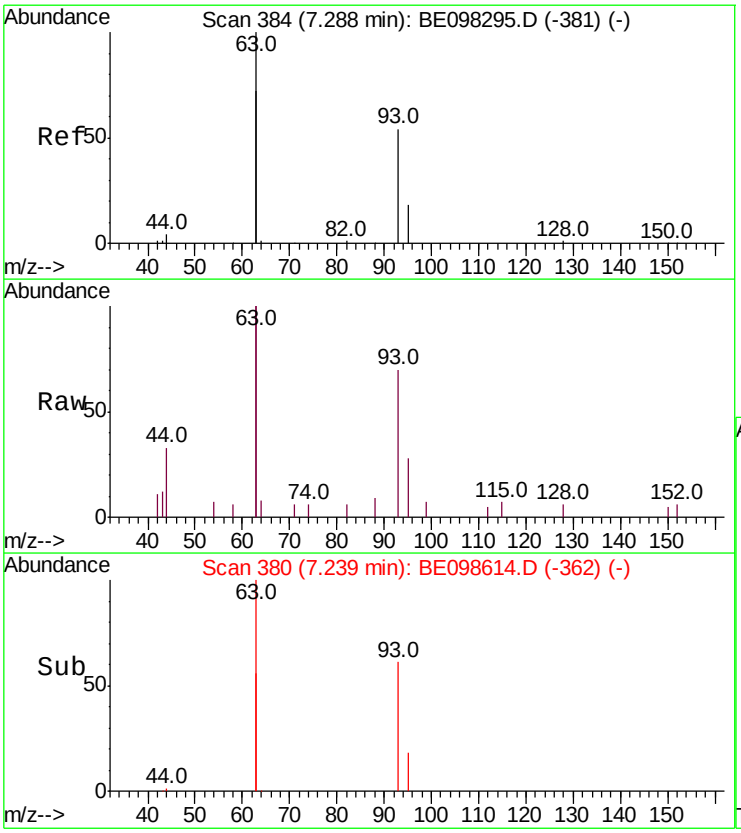
#5
Phenol-d6
Concen: 0.559 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1825

Ion	Ratio	Lower	Upper
99	100		
42	31.8	26.3	39.5
71	45.0	33.6	50.4

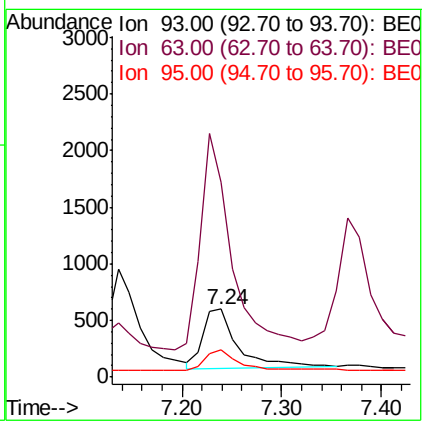


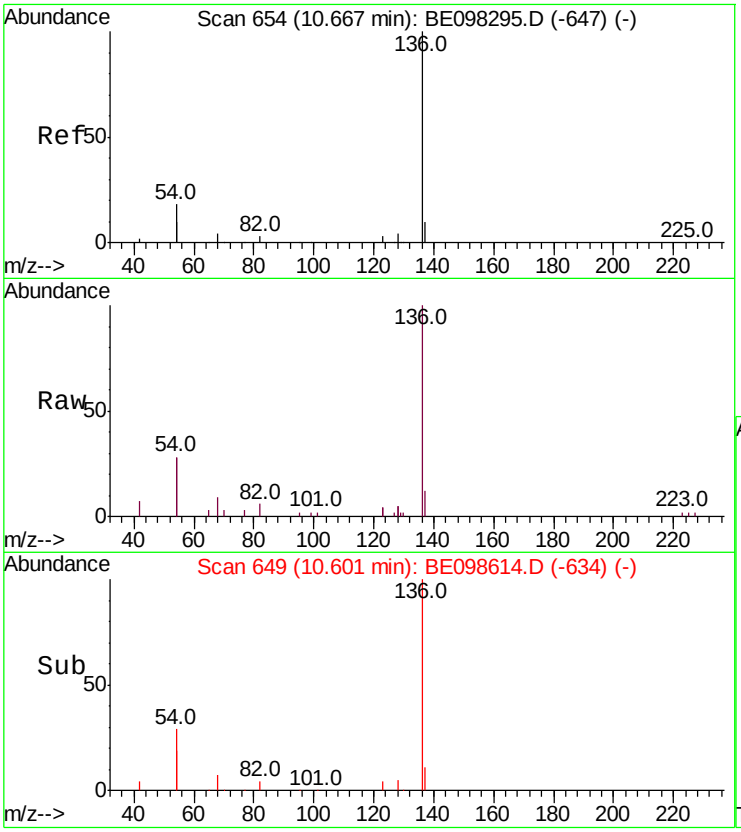


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion: 93 Resp: 1247

Ion	Ratio	Lower	Upper
93	100		
63	331.0	264.4	396.6
95	36.1	26.6	40.0



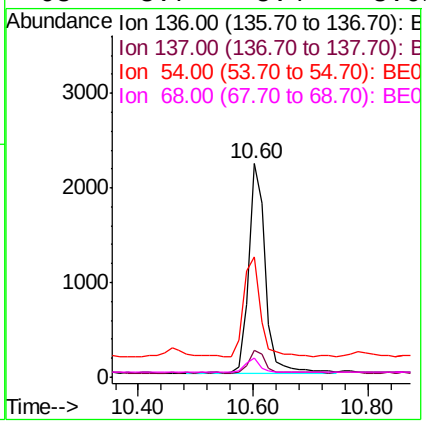


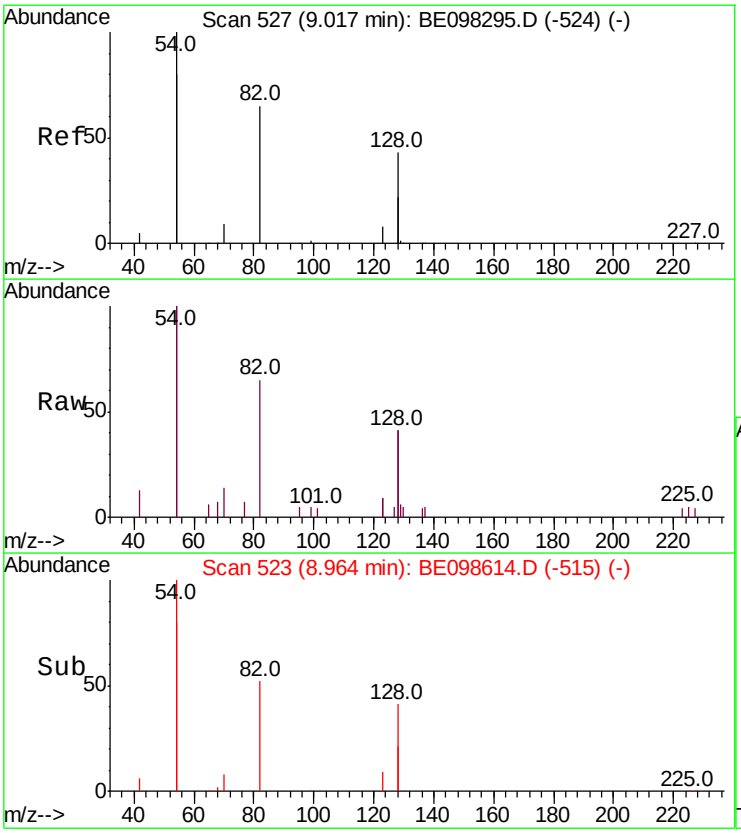
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4434

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	56.6	28.4	42.6#
68	8.7	5.4	8.0#

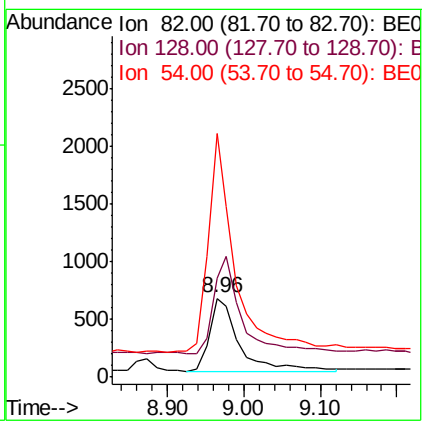


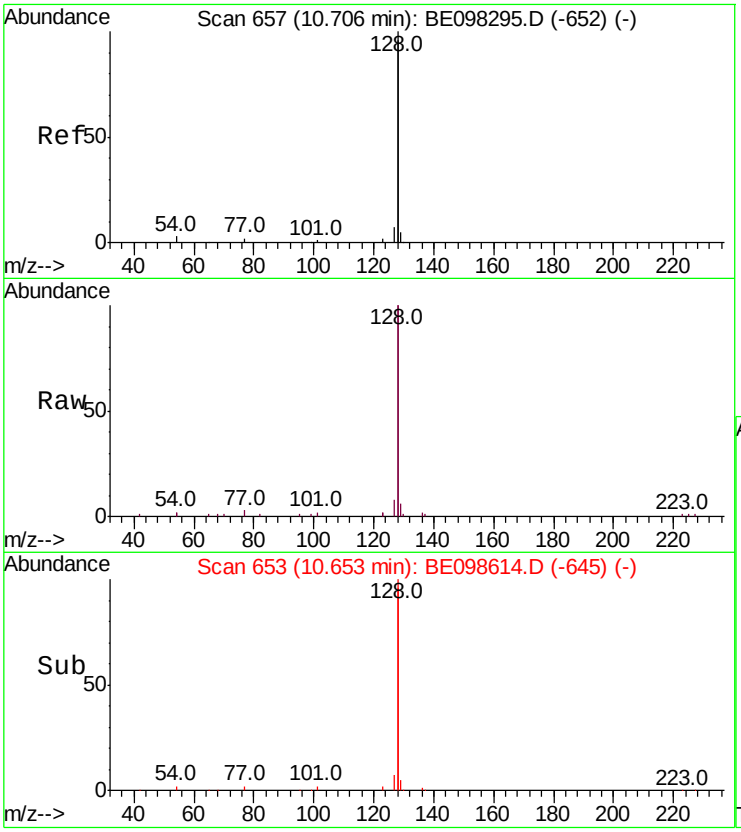


#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion: 82 Resp: 1716

Ion	Ratio	Lower	Upper
82	100		
128	126.8	102.4	153.6
54	310.0	221.8	332.8



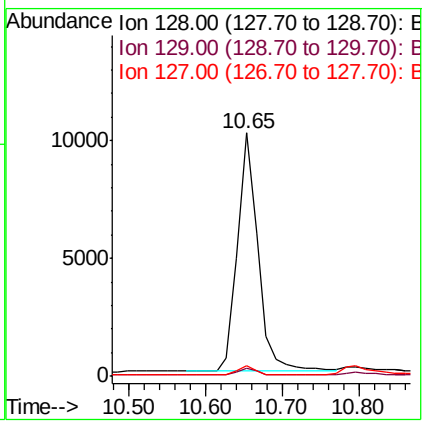


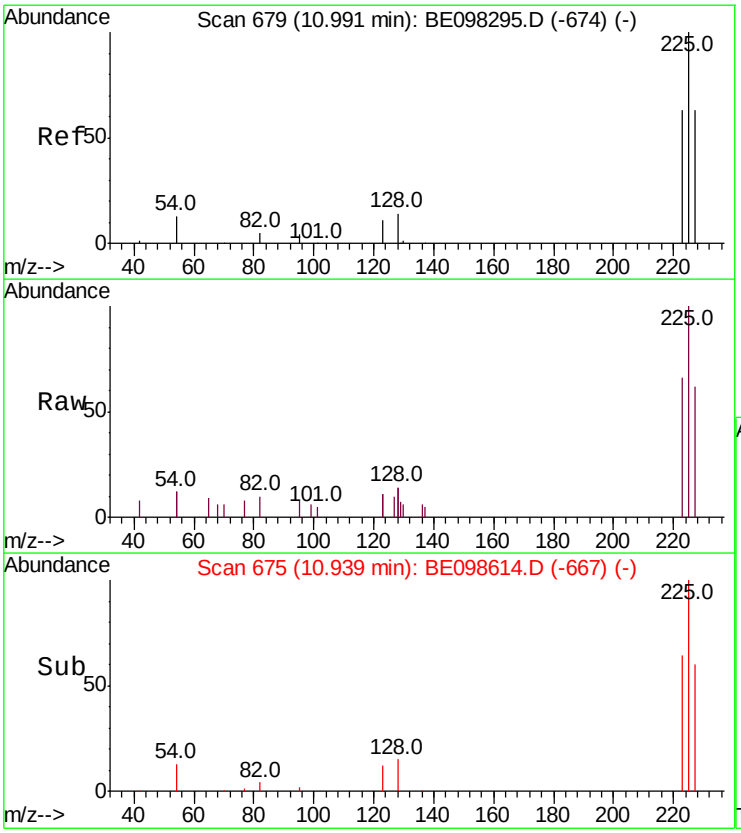
#9
Naphthalene
Concen: 0.425 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 18983

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	4.1	2.7	4.1#

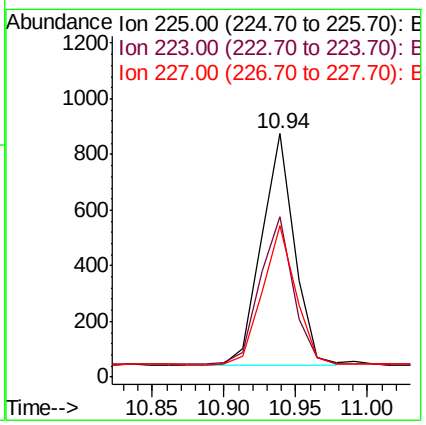


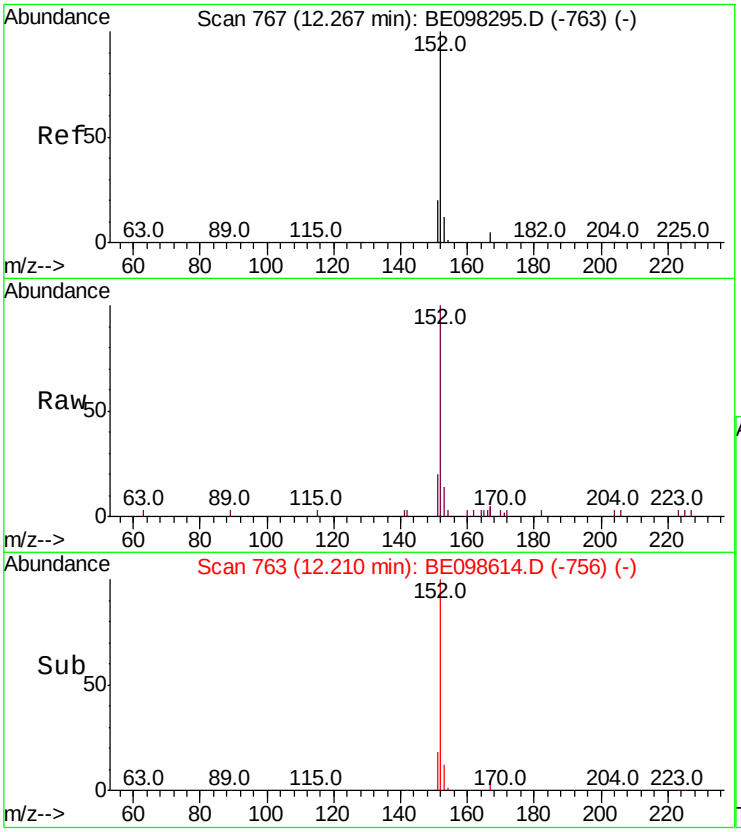


#10
Hexachlorobutadiene
Concen: 0.463 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:225 Resp: 1316

Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.4	74.0
227	62.3	52.0	78.0



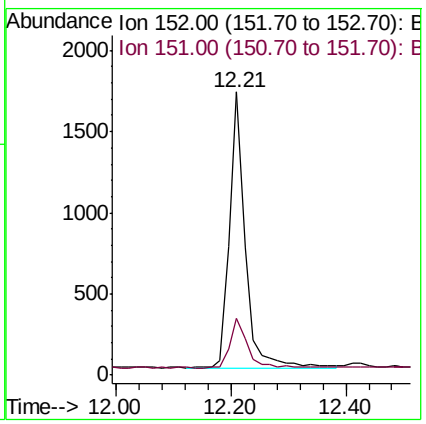


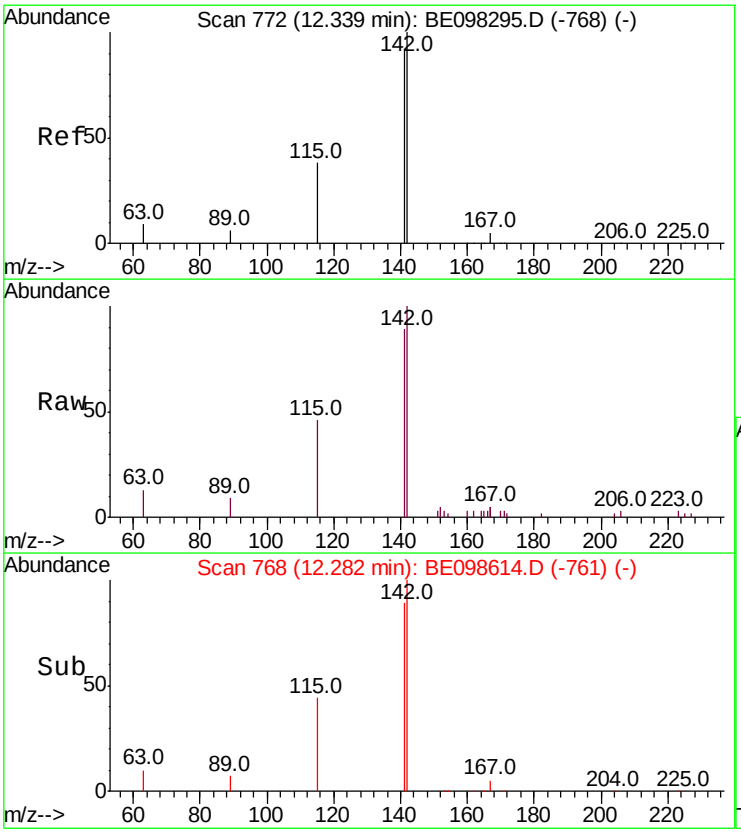
#11
2-Methylnaphthalene-d10
Concen: 0.445 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3207

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4

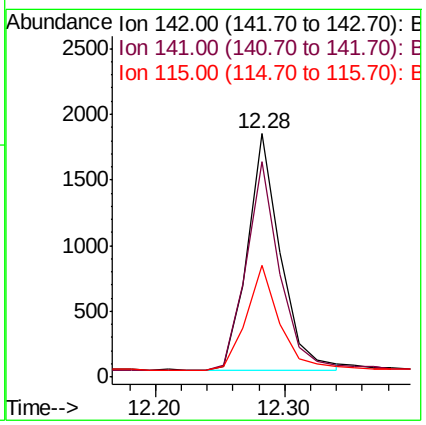


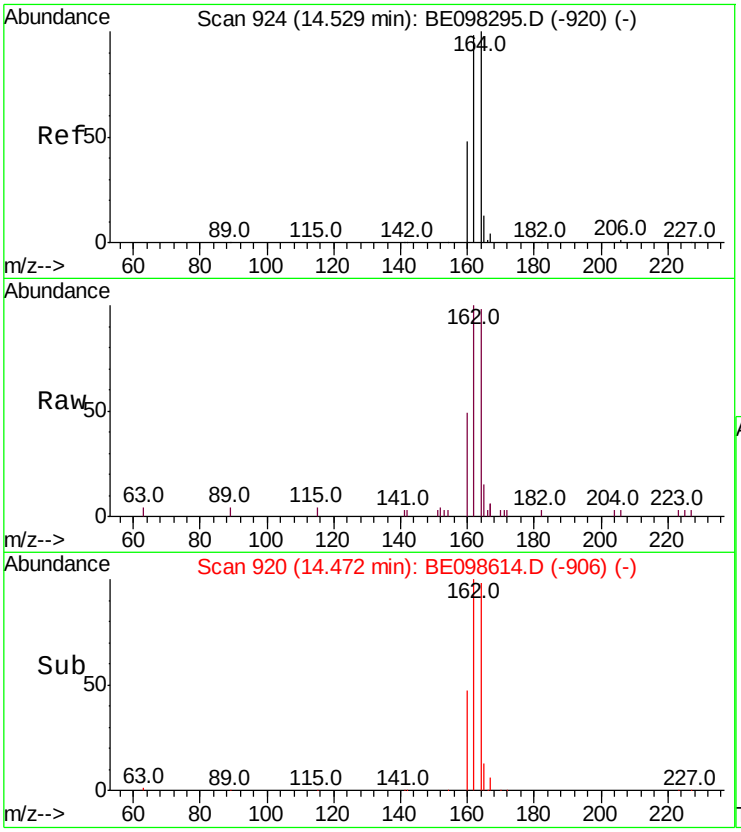


#12
2-Methylnaphthalene
Concen: 0.439 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:142 Resp: 3180

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	45.7	32.2	48.2



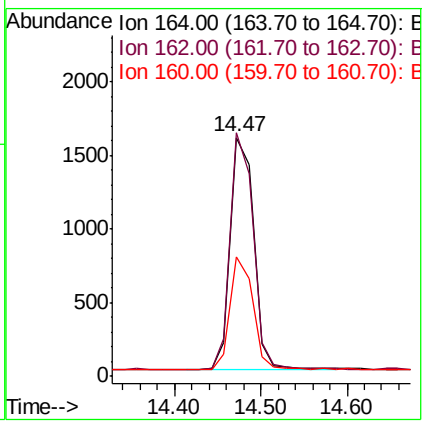


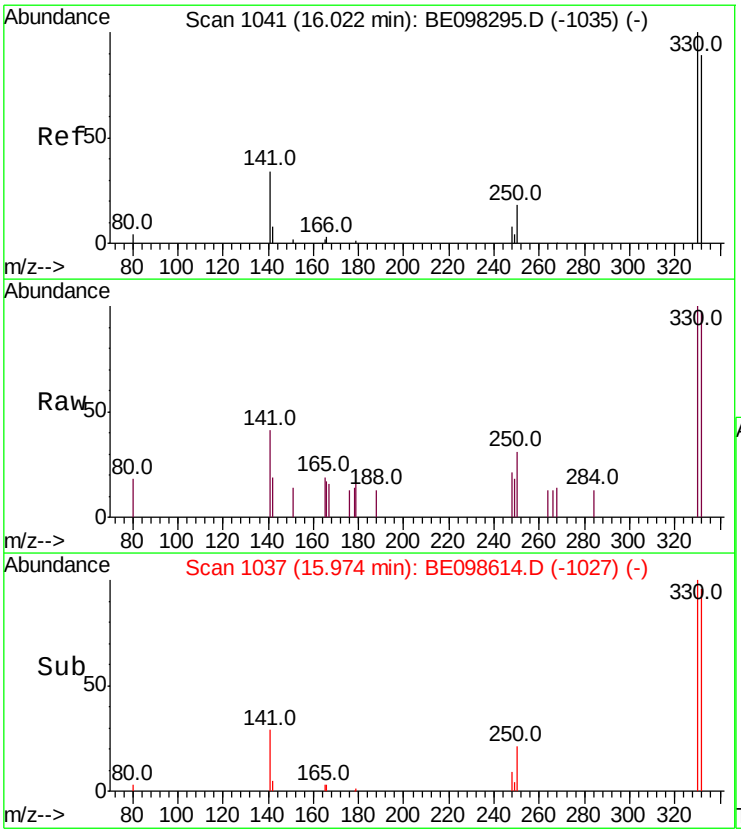
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2930

Ion	Ratio	Lower	Upper
164	100		
162	101.9	77.6	116.4
160	49.9	36.0	54.0

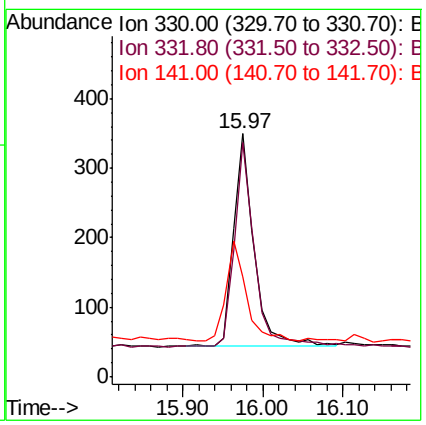


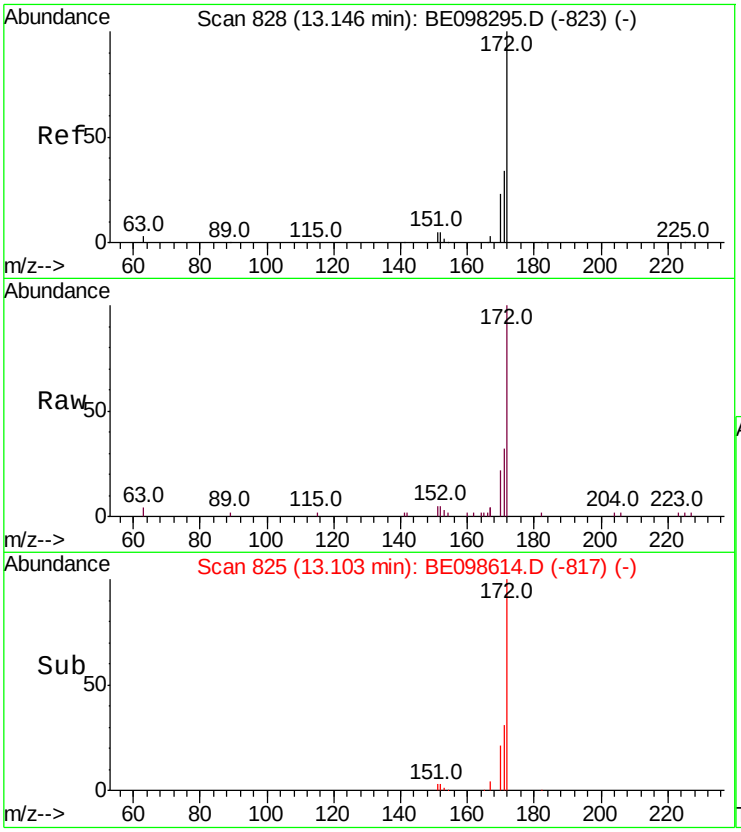


#14
2,4,6-Tribromophenol
Concen: 0.507 ng
RT: 15.97 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:330 Resp: 545

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.2	114.4
141	46.2	39.0	58.4



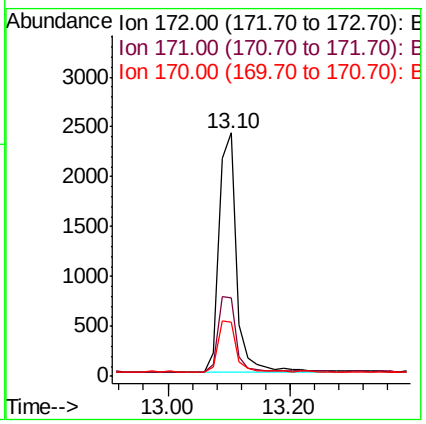


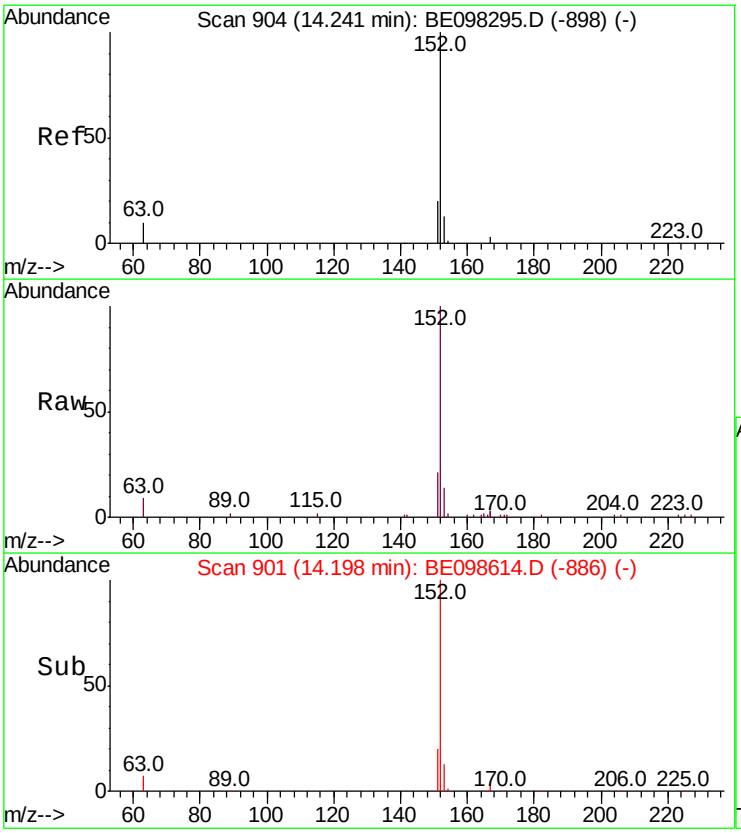
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4862

Ion	Ratio	Lower	Upper
172	100		
171	32.2	27.5	41.3
170	22.4	19.6	29.4

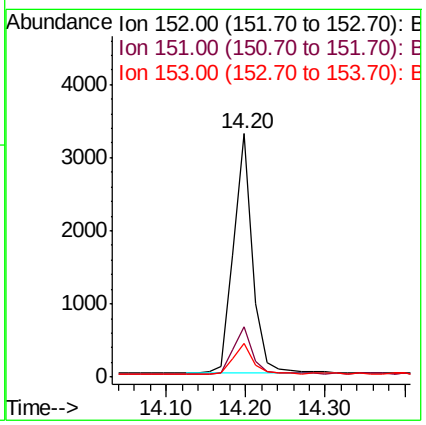


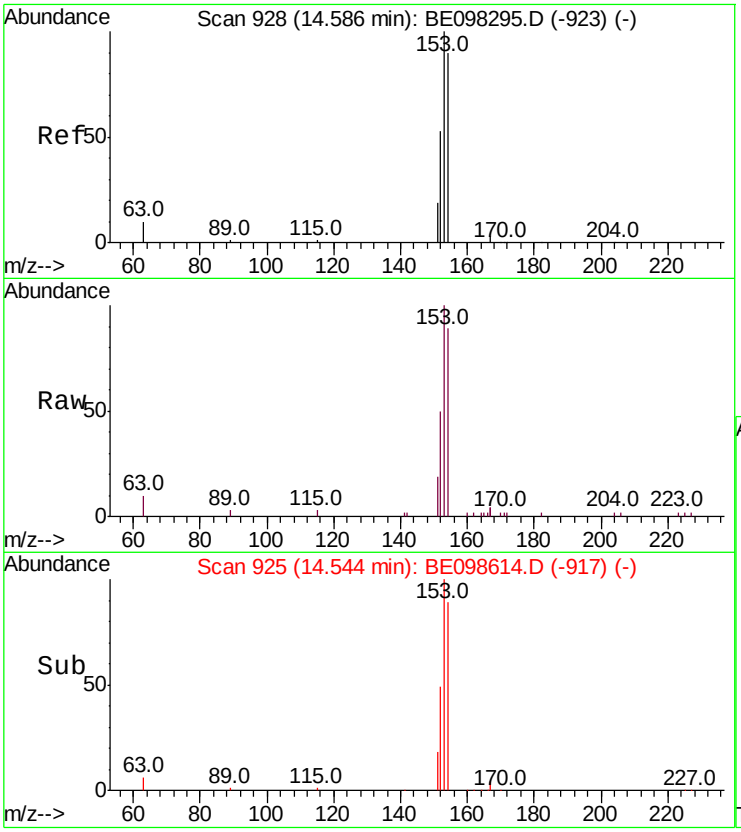


#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.02 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:152 Resp: 5450

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	12.8	10.6	16.0



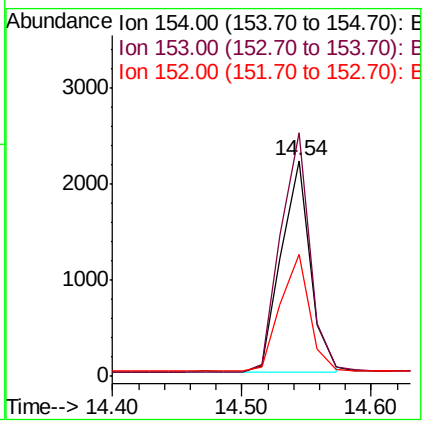


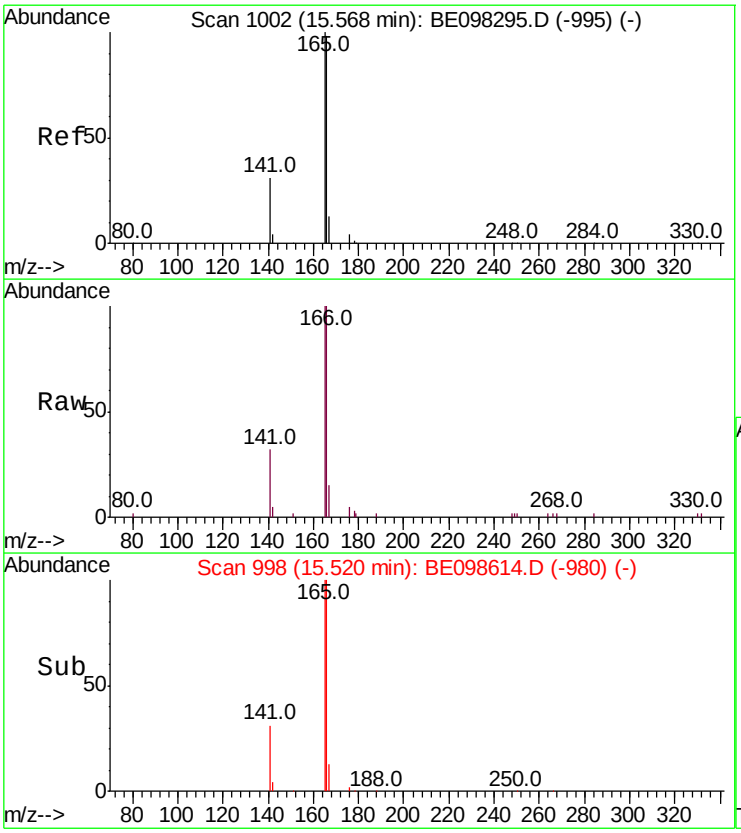
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3441

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.8	137.6
152	55.2	45.5	68.3

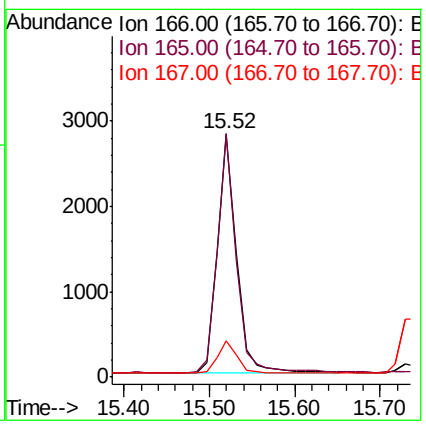


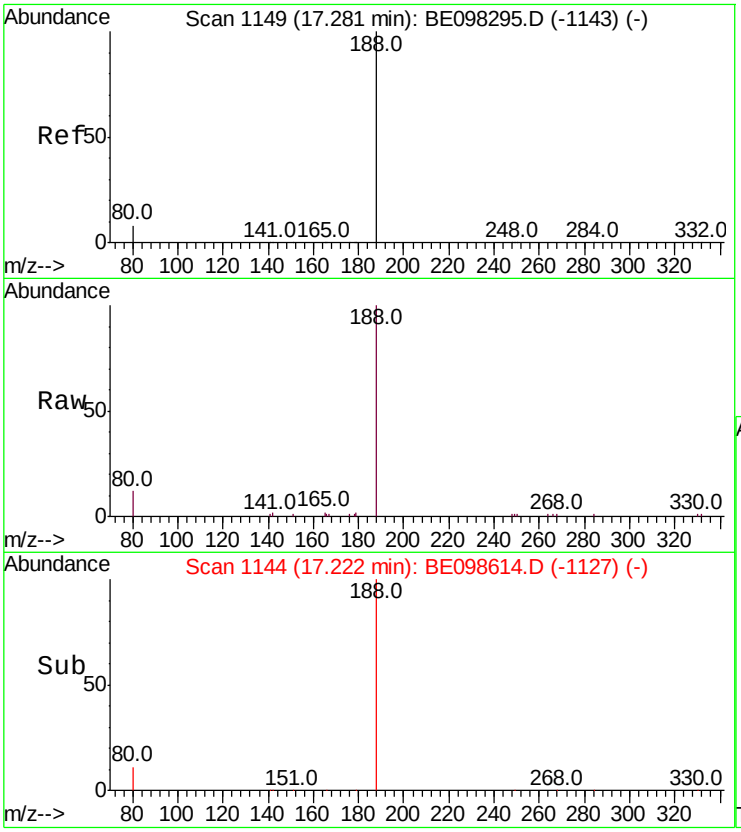


#18
Fluorene
Concen: 0.402 ng
RT: 15.52 min Scan# 998
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:166 Resp: 4435

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.3	118.9
167	13.6	11.3	16.9



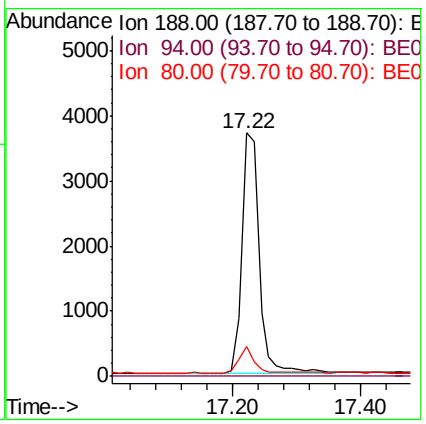


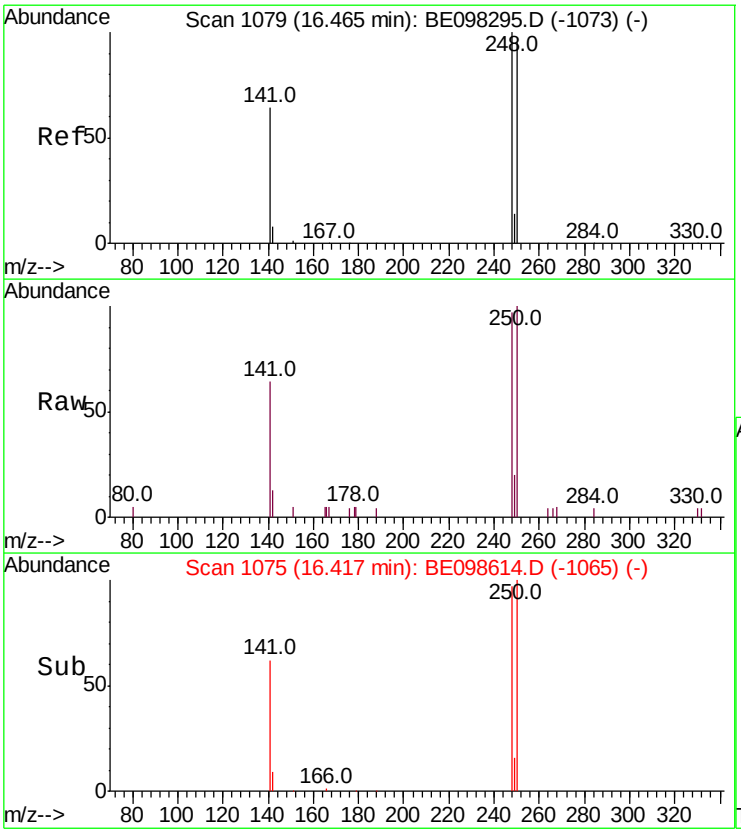
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6916

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	7.2	10.8#

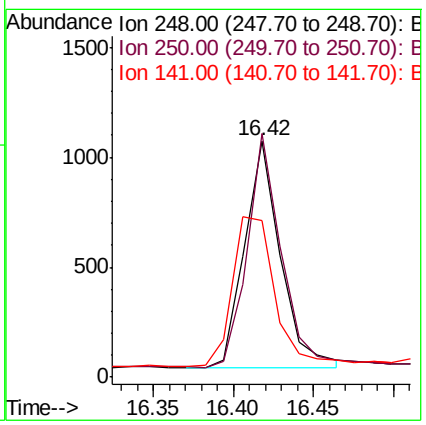


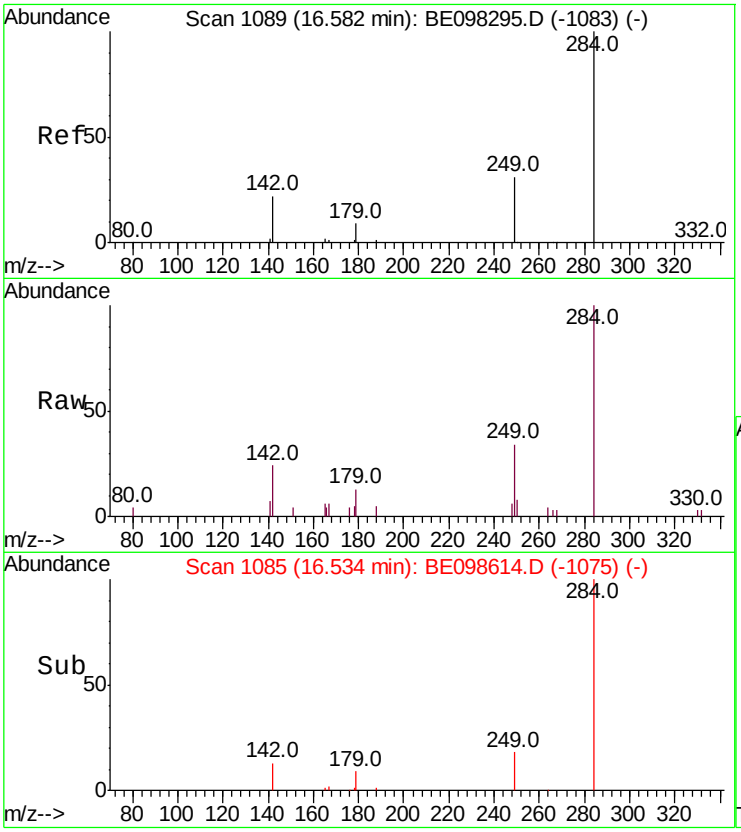


#20
4-Bromophenyl-phenylether
Concen: 0.429 ng
RT: 16.42 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:248 Resp: 1597

Ion	Ratio	Lower	Upper
248	100		
250	103.2	71.0	106.6
141	66.3	62.1	93.1



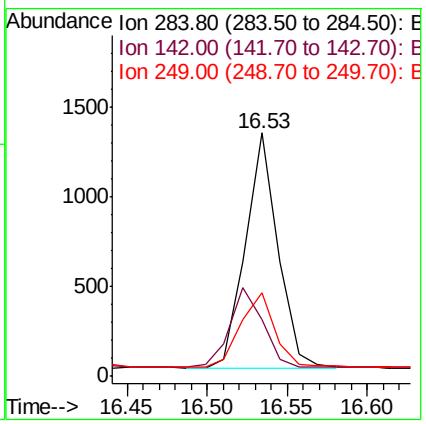


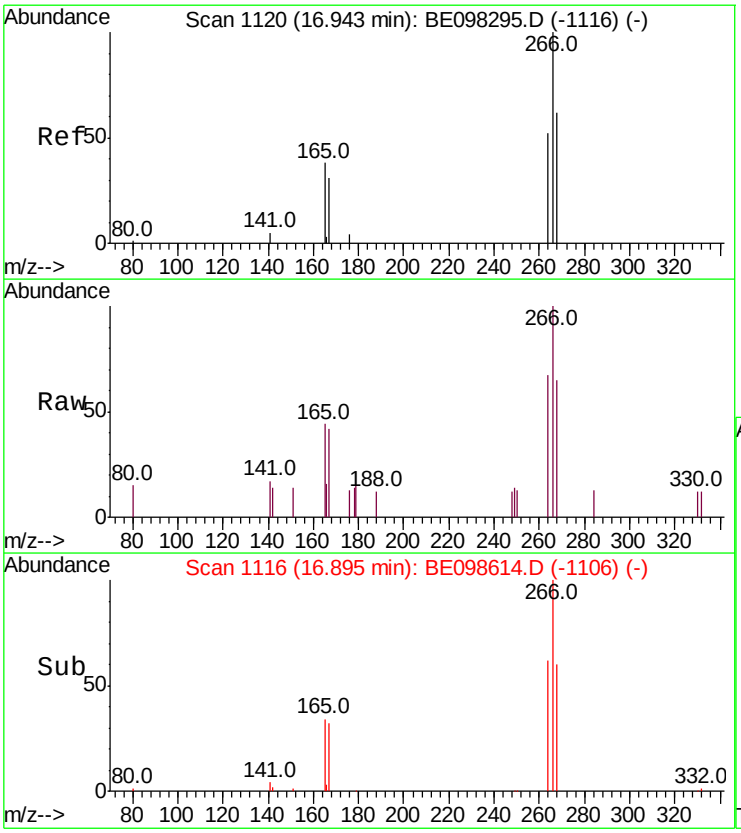
#21
Hexachlorobenzene
Concen: 0.460 ng
RT: 16.53 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1839

Ion	Ratio	Lower	Upper
284	100		
142	34.4	26.3	39.5
249	32.2	26.0	39.0

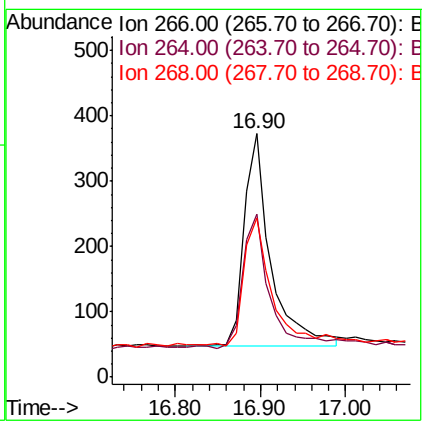


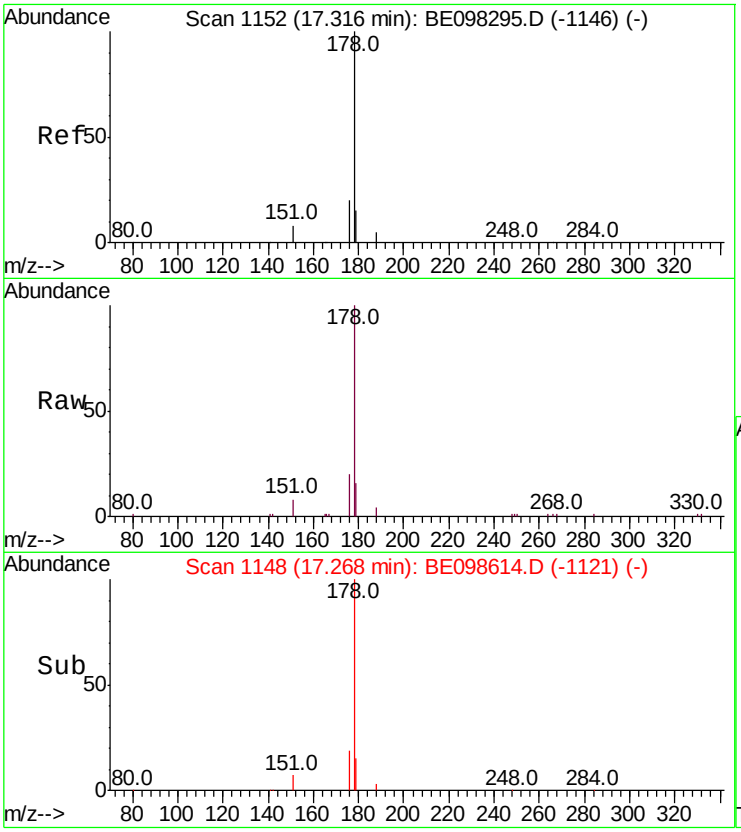


#22
Pentachlorophenol
Concen: 0.935 ng
RT: 16.90 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:266 Resp: 711

Ion	Ratio	Lower	Upper
266	100		
264	66.8	59.0	88.4
268	65.4	55.1	82.7



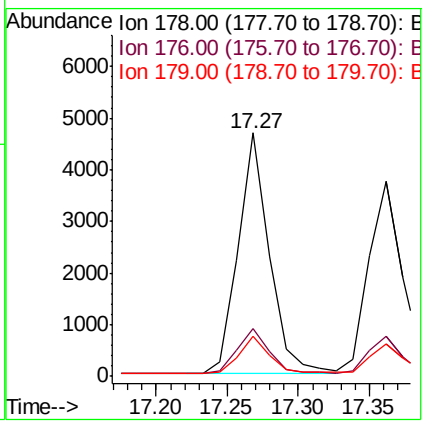


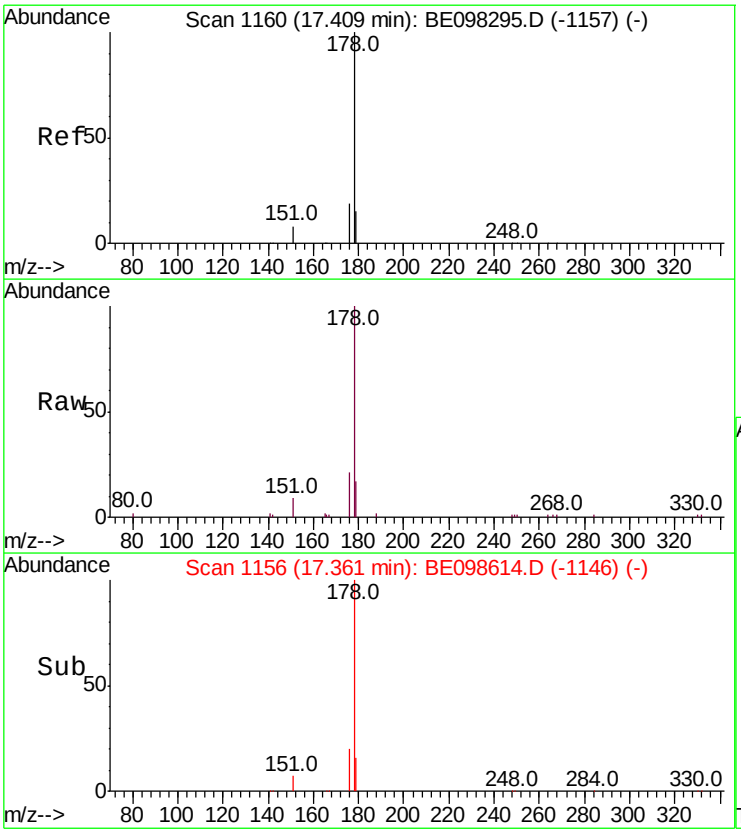
#23
Phenanthrene
Concen: 0.422 ng
RT: 17.27 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7089

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.1	12.3	18.5

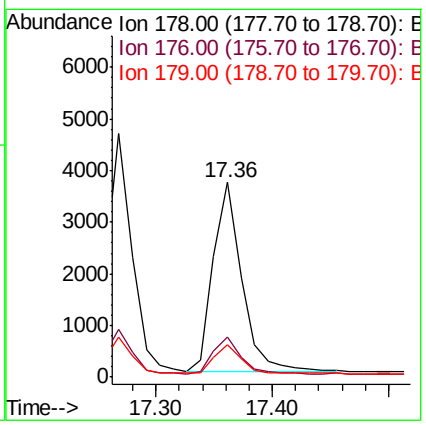


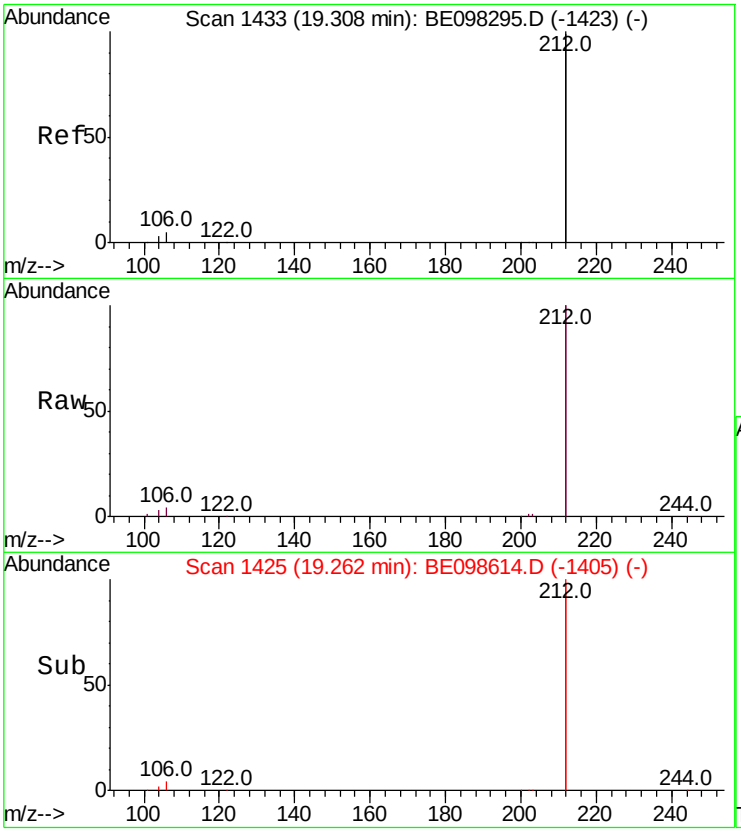


#24
Anthracene
Concen: 0.411 ng
RT: 17.36 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:178 Resp: 6160

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	14.7	12.3	18.5



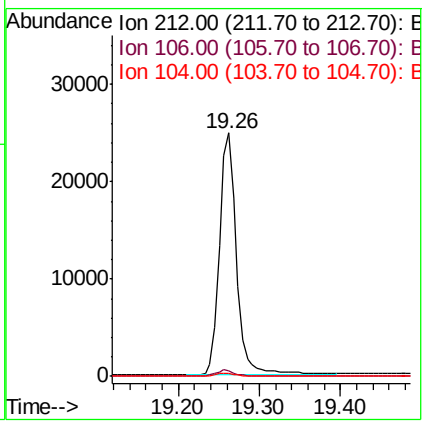


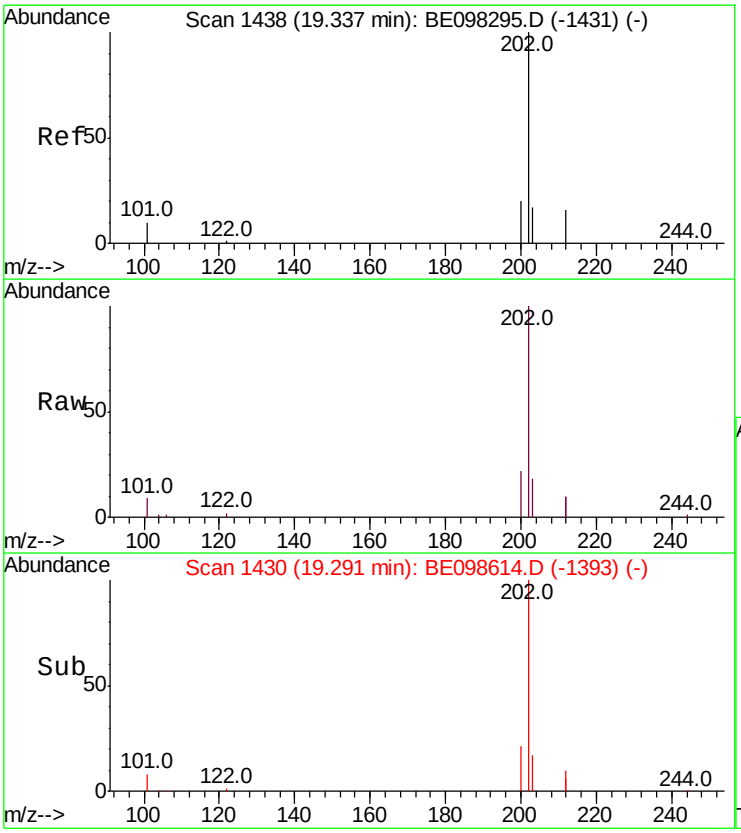
#25
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.26 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 36088

Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.2	1.3	1.9#

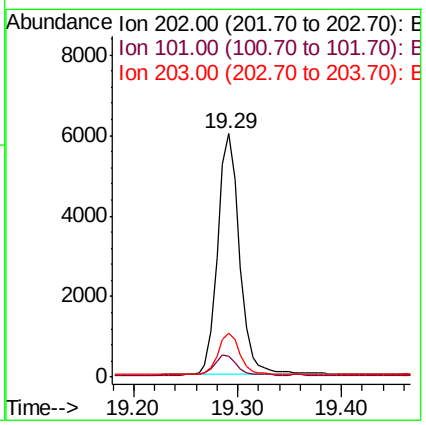


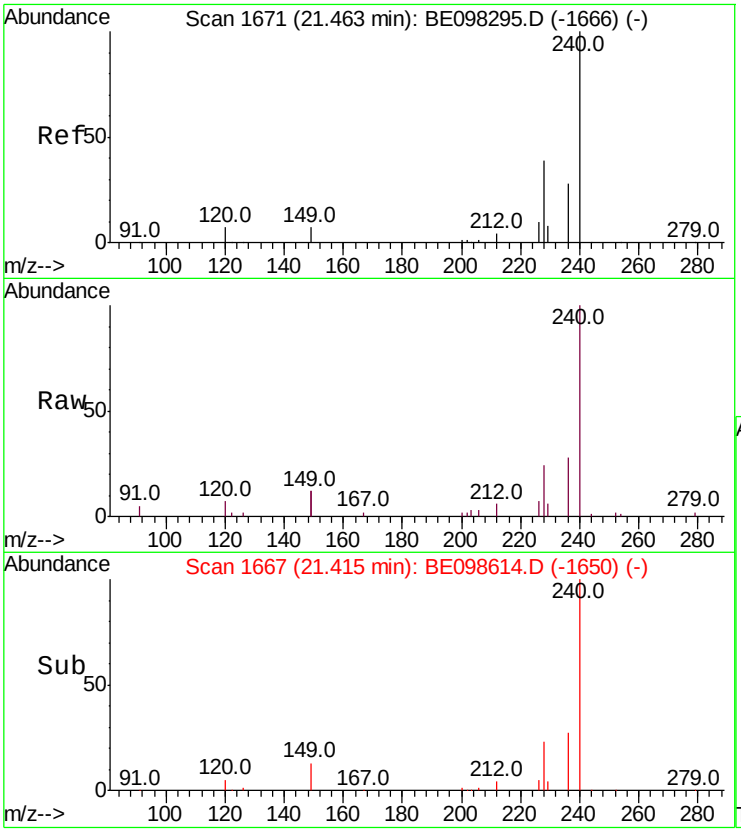


#26
Fluoranthene
Concen: 0.397 ng
RT: 19.29 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:202 Resp: 8824

Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.0	12.0
203	16.9	13.8	20.6



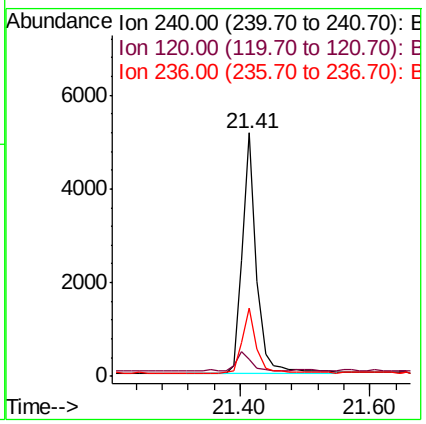


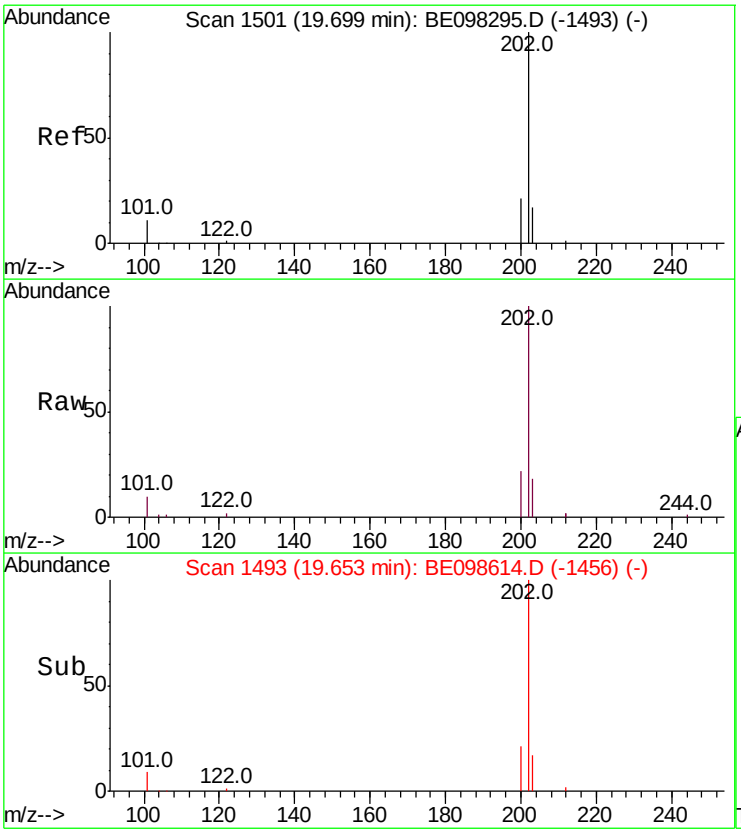
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 7848

Ion	Ratio	Lower	Upper
240	100		
120	6.9	9.5	14.3#
236	28.1	22.7	34.1

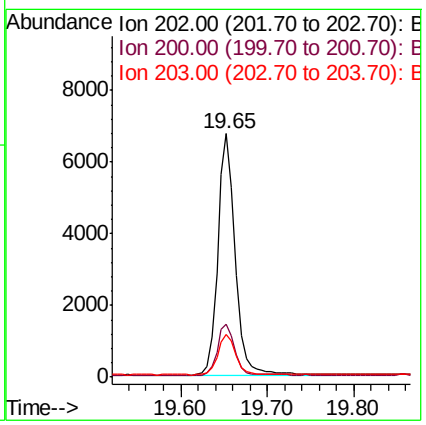


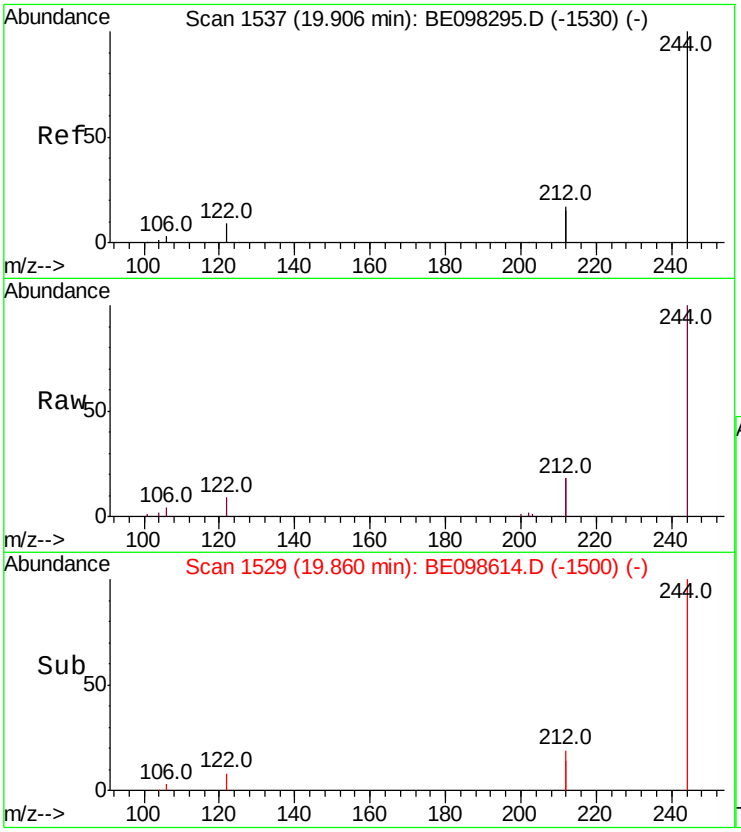


#28
Pyrene
Concen: 0.381 ng
RT: 19.65 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:202 Resp: 9393

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	17.3	14.1	21.1



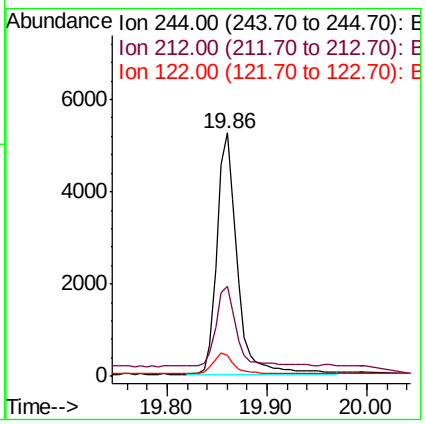


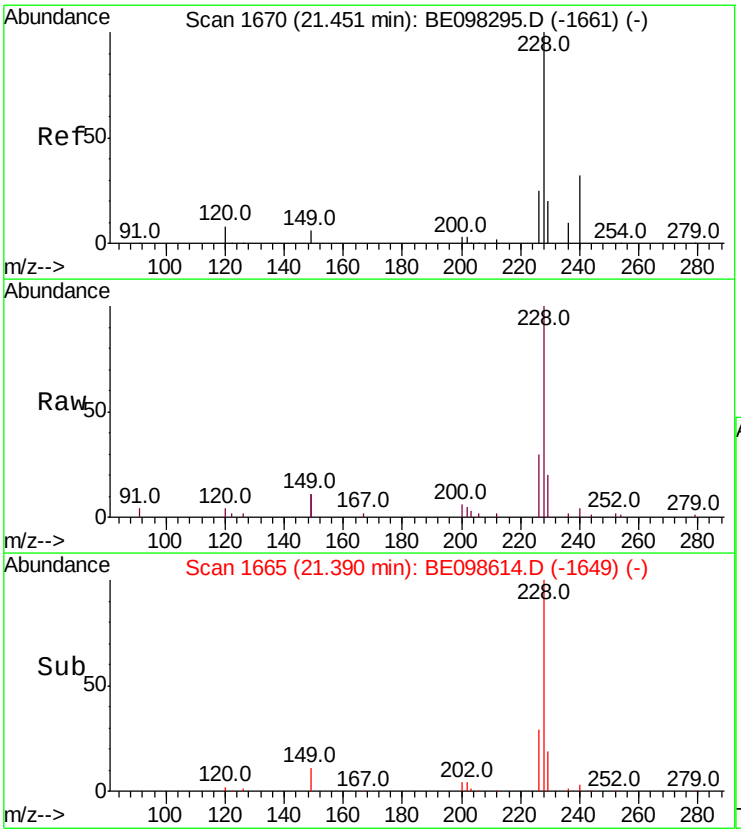
#29
Terphenyl-d14
Concen: 0.386 ng
RT: 19.86 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 7354

Ion	Ratio	Lower	Upper
244	100		
212	37.0	27.4	41.0
122	8.6	8.3	12.5

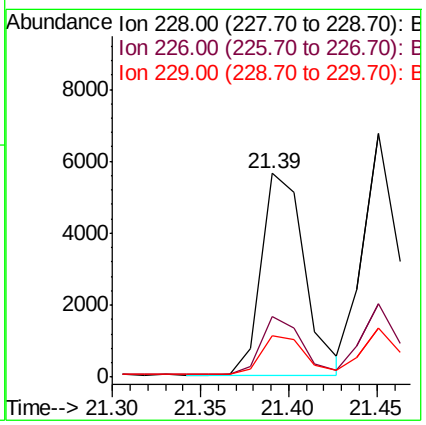


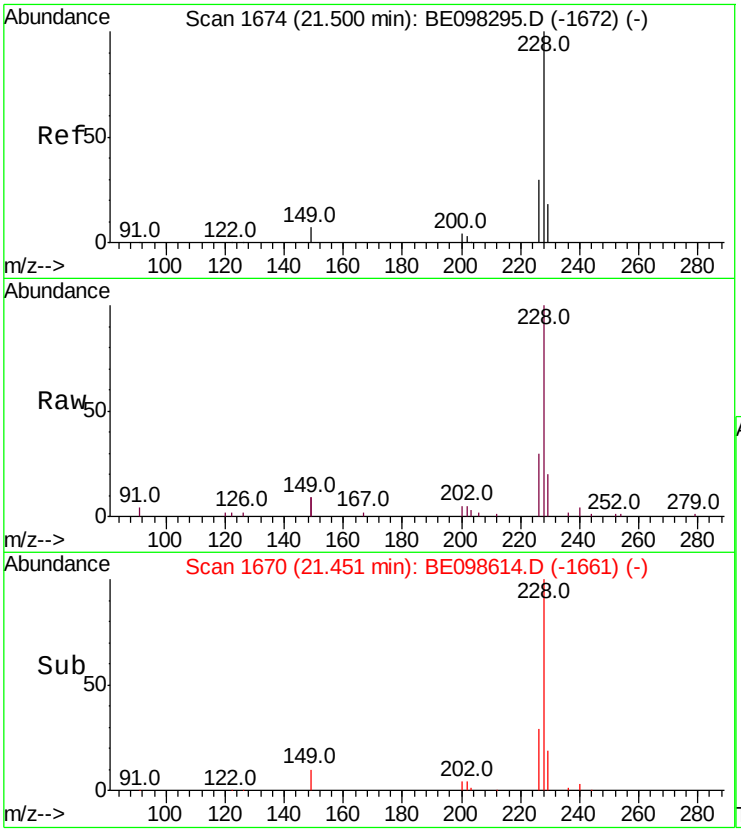


#30
Benzo(a)anthracene
Concen: 0.425 ng
RT: 21.39 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:228 Resp: 9505

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.8	32.8
229	20.1	16.3	24.5



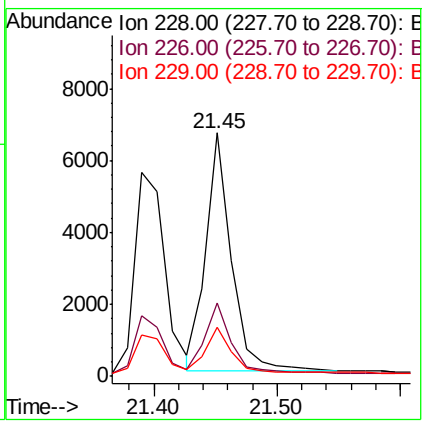


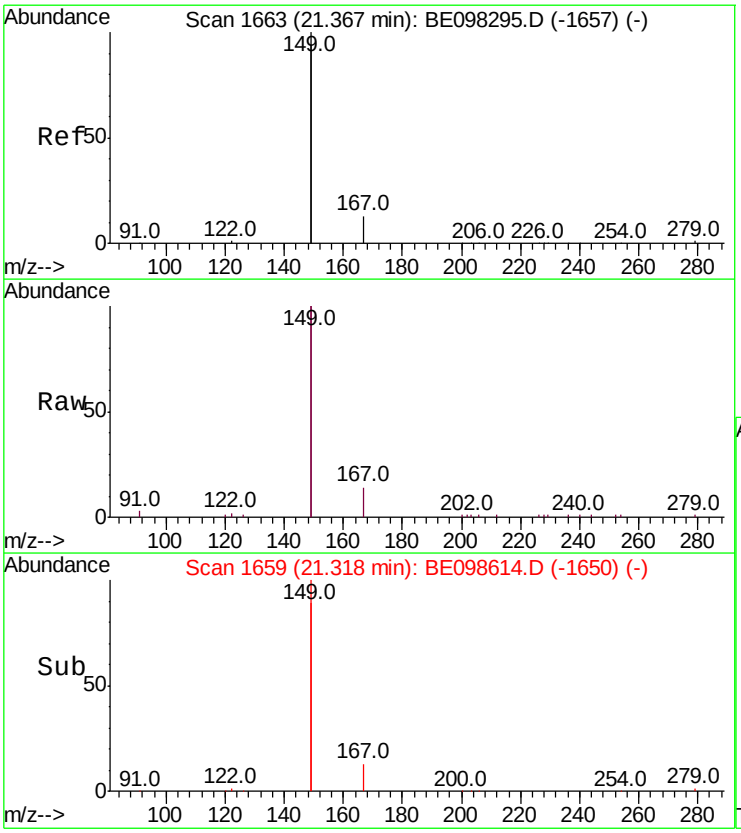
#31
Chrysene
Concen: 0.406 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9506

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	20.4	16.2	24.4

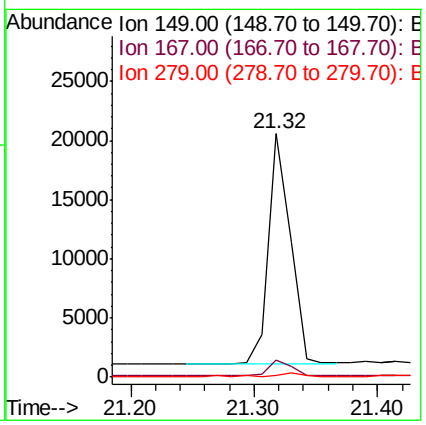


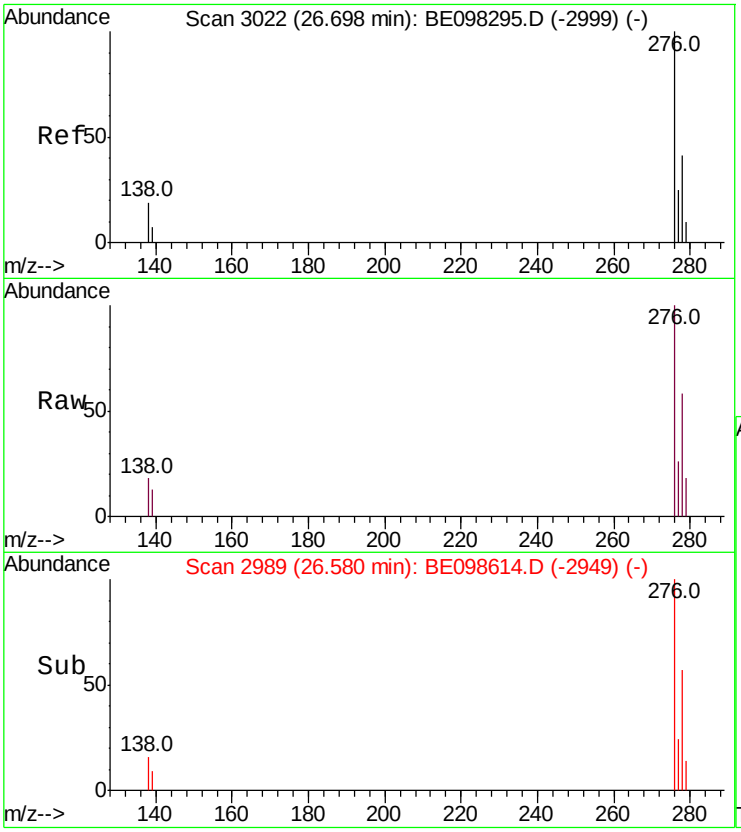


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.527 ng
RT: 21.32 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:149 Resp: 23927

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.7	8.5
279	1.2	1.0	1.4



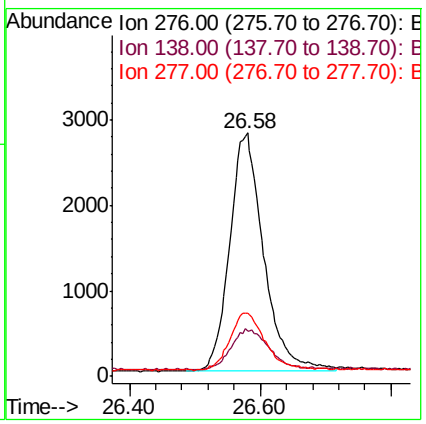


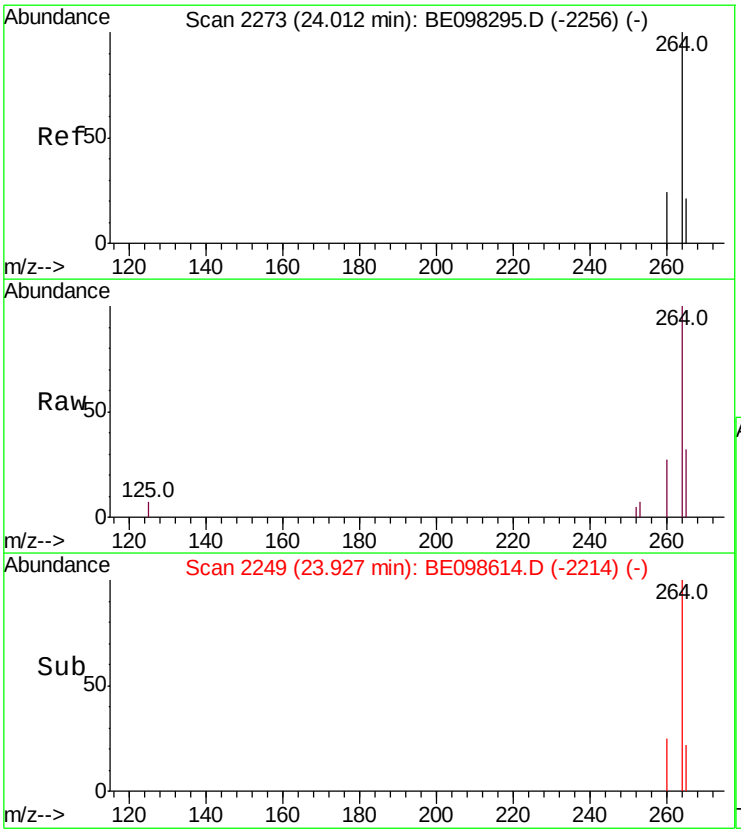
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng
RT: 26.58 min Scan# 2989
Delta R.T. -0.06 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10091

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.3	24.5
277	25.1	20.2	30.4

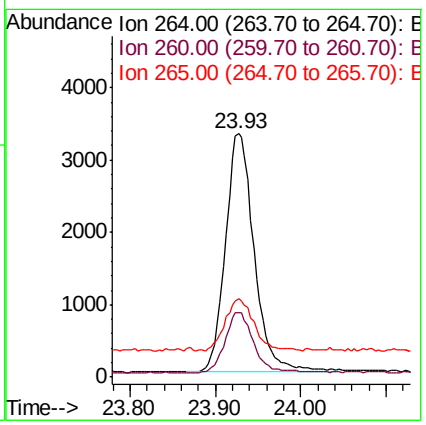


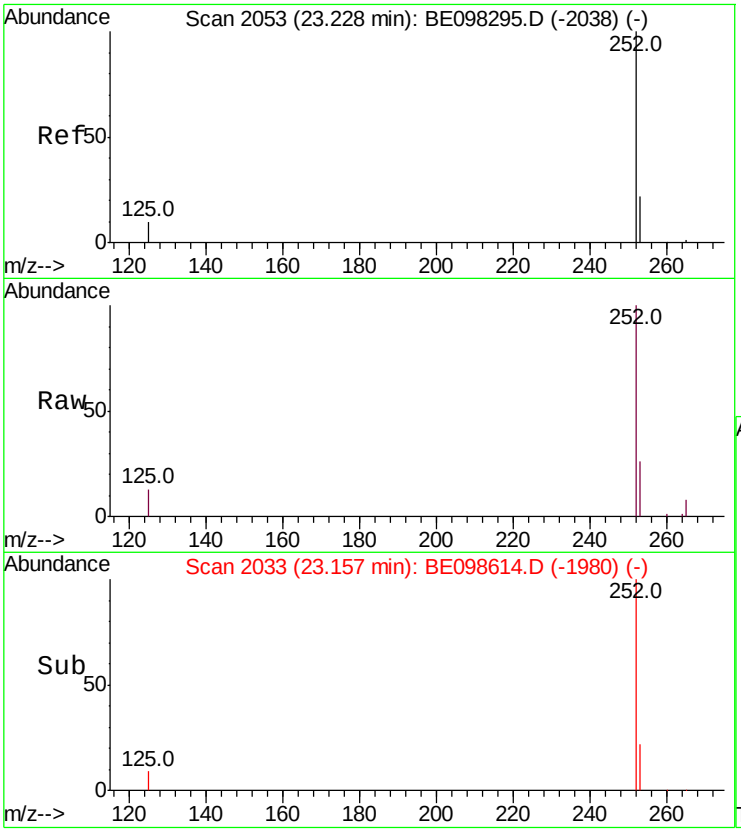


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2249
Delta R.T. -0.03 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:264 Resp: 7741

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.2	30.2
265	32.5	25.2	37.8



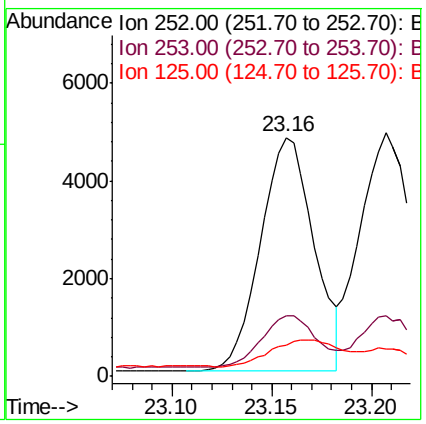


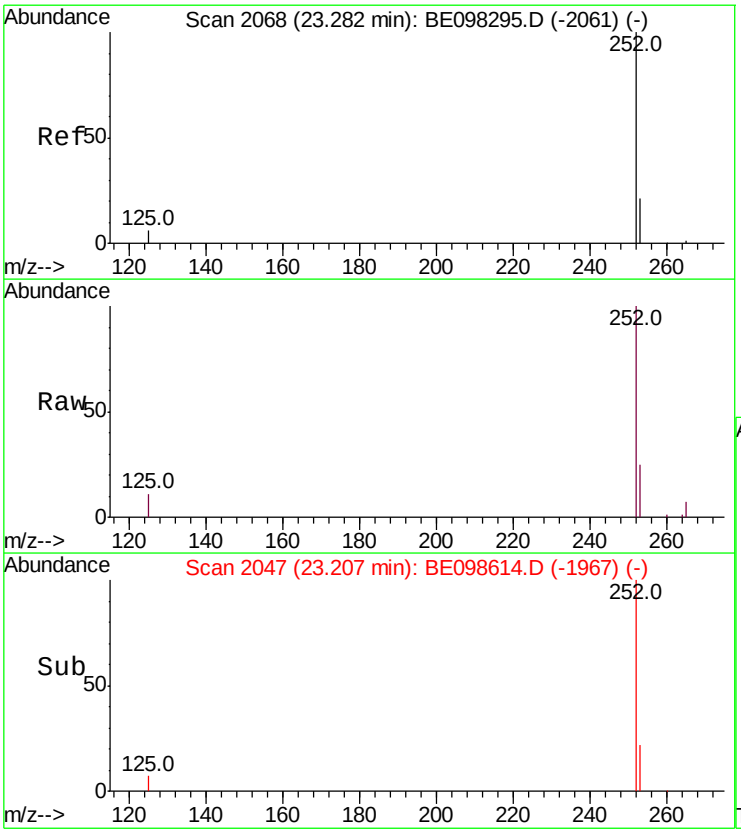
#35
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 23.16 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8883

Ion	Ratio	Lower	Upper
252	100		
253	25.6	20.0	30.0
125	13.2	9.6	14.4

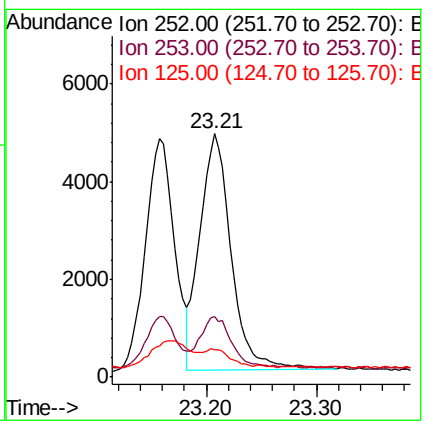


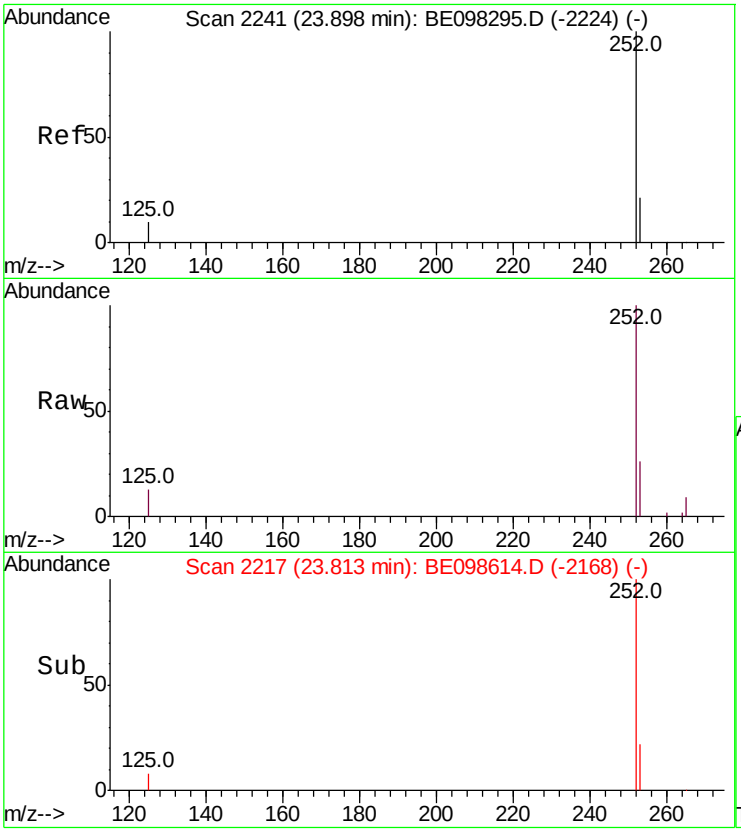


#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.21 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:252 Resp: 9588

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.0	28.6
125	11.4	9.1	13.7



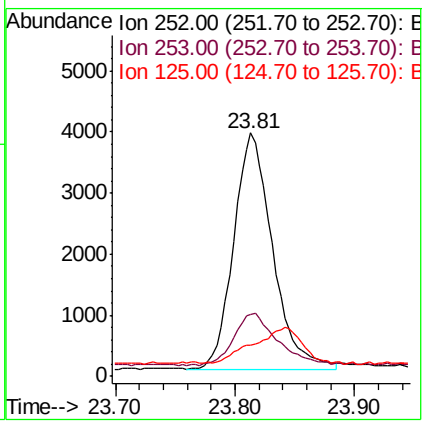


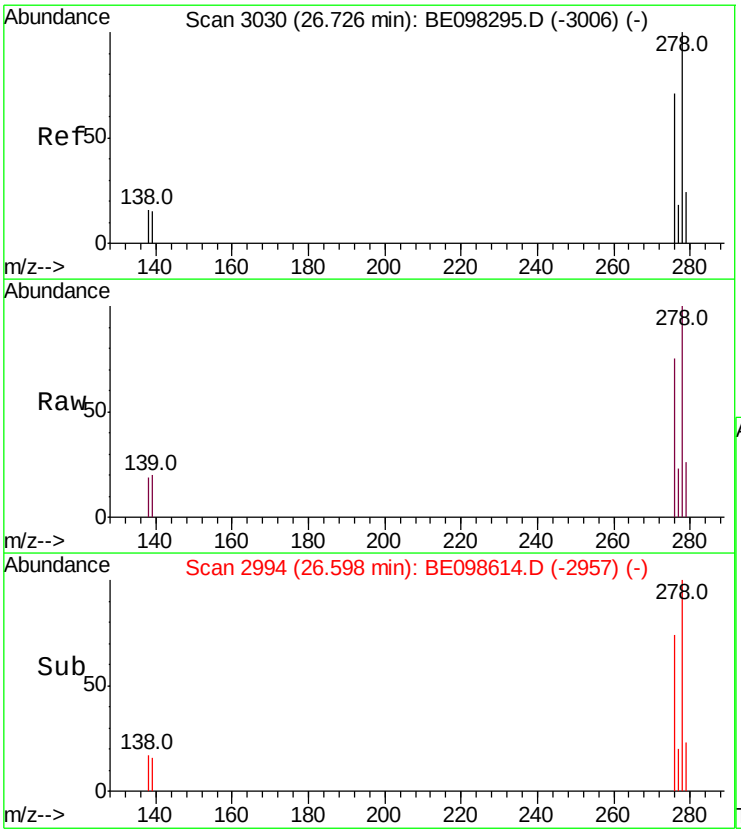
#37
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.81 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8723

Ion	Ratio	Lower	Upper
252	100		
253	25.6	20.6	30.8
125	13.0	10.5	15.7

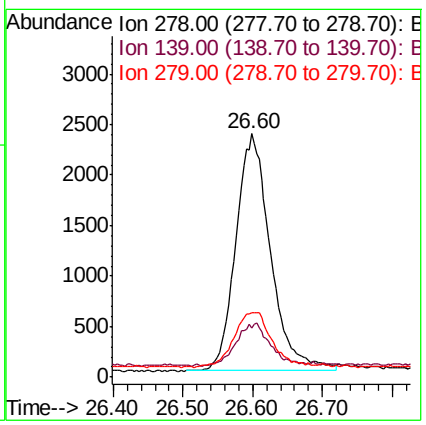


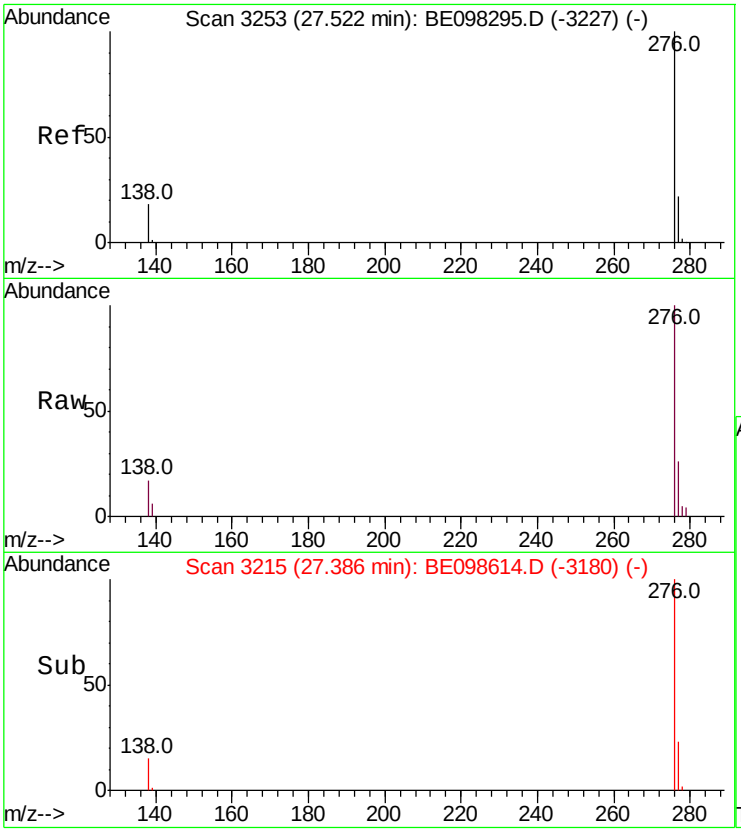


#38
Dibenzo(a,h)anthracene
Concen: 0.395 ng
RT: 26.60 min Scan# 2994
Delta R.T. -0.07 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:278 Resp: 8126

Ion	Ratio	Lower	Upper
278	100		
139	20.4	14.5	21.7
279	26.4	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 27.39 min Scan# 3215
Delta R.T. -0.08 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8625

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.8	31.2
138	17.5	15.8	23.6