Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112918\
Data File : BE098281.D
Acq On : 29 Nov 2018 19:32
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Nov 30 01:41:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	2121	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	8917	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	5851	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	14980	0.40	ng		0.00
27) Chrysene-d12	21.46	240	15867	0.40	ng		0.00
34) Perylene-d12	24.02	264	14282	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2246	0.40	ng		0.01
5) Phenol-d6	7.04	99	3264	0.41	ng		0.00
8) Nitrobenzene-d5	9.02	82	3484	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	5921	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	1020	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	9106	0.38	ng		0.00
25) Fluoranthene-d10	19.31	212	75126	0.37	ng		0.00
29) Terphenyl-d14	19.91	244	14963	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1250	0.328	ng		94
3) n-Nitrosodimethylamine	3.68	42	1460	0.359	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	2828	0.385	ng		97
9) Naphthalene	10.71	128	35608	0.397	ng		100
10) Hexachlorobutadiene	10.99	225	2233	0.389	ng		97
12) 2-Methylnaphthalene	12.34	142	5886	0.396	ng		98
16) Acenaphthylene	14.24	152	10572	0.387	ng		99
17) Acenaphthene	14.59	154	6330	0.389	ng		99
18) Fluorene	15.57	166	8625	0.400	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	3284	0.387	ng		95
21) Hexachlorobenzene	16.58	284	3413	0.389	ng		96
22) Pentachlorophenol	16.94	266	981	0.372	ng		94
23) Phenanthrene	17.31	178	14558	0.391	ng		99
24) Anthracene	17.41	178	13480	0.389	ng		99
26) Fluoranthene	19.34	202	18726	0.369	ng		100
28) Pyrene	19.70	202	19472	0.443	ng		99
30) Benzo(a)anthracene	21.45	228	17881	0.383	ng		99
31) Chrysene	21.50	228	18317	0.386	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	44312	0.396	ng		100
33) Indeno(1,2,3-cd)pyrene	26.71	276	18049	0.376	ng		98
35) Benzo(b)fluoranthene	23.23	252	16383	0.391	ng		98
36) Benzo(k)fluoranthene	23.28	252	17327	0.394	ng		99
37) Benzo(a)pyrene	23.90	252	15966	0.396	ng		97
38) Dibenzo(a,h)anthracene	26.72	278	14984	0.392	ng		98
39) Benzo(g,h,i)perylene	27.53	276	14934	0.390	ng		98

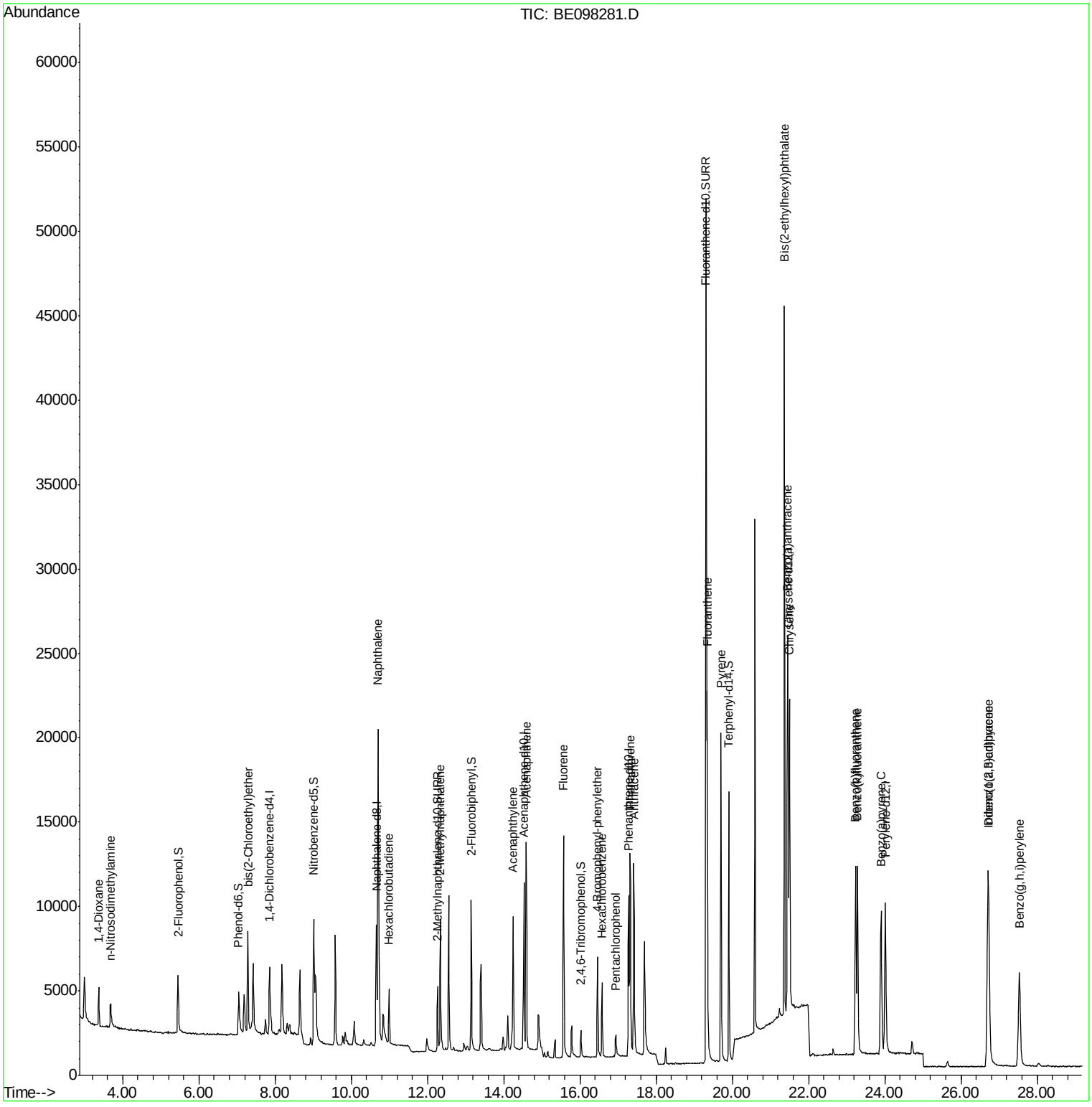
(#) = qualifier out of range (m) = manual integration (+) = signals summed

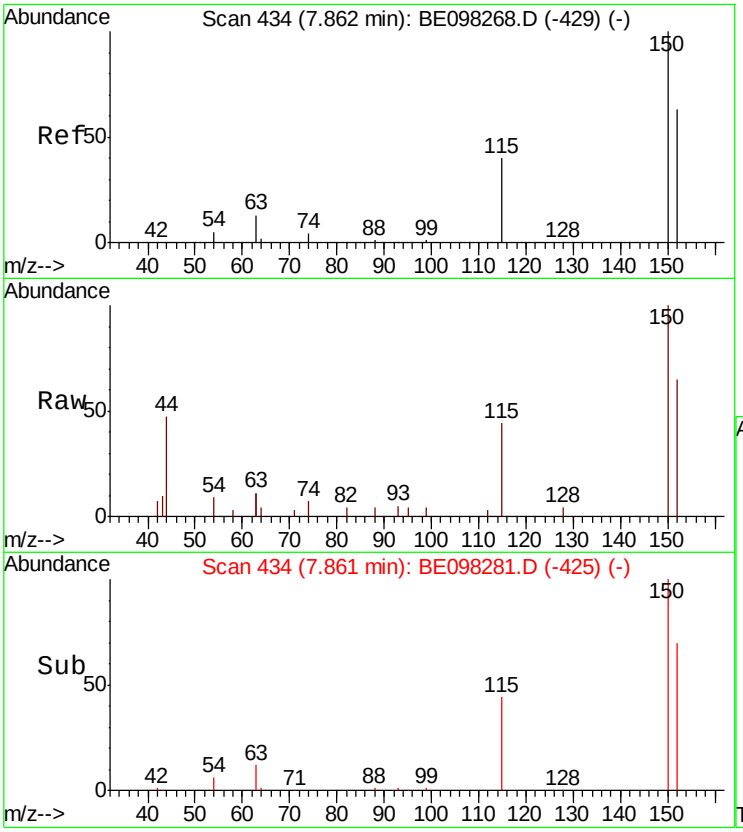
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112918\
Data File : BE098281.D
Acq On : 29 Nov 2018 19:32
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 30 00:30:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration



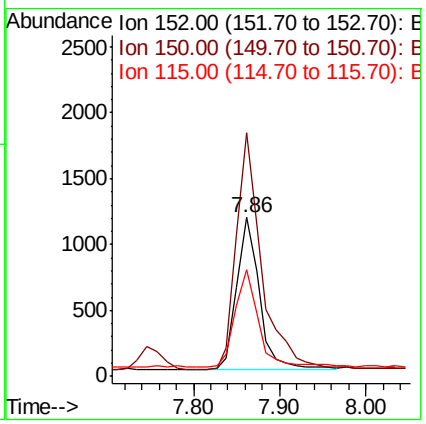


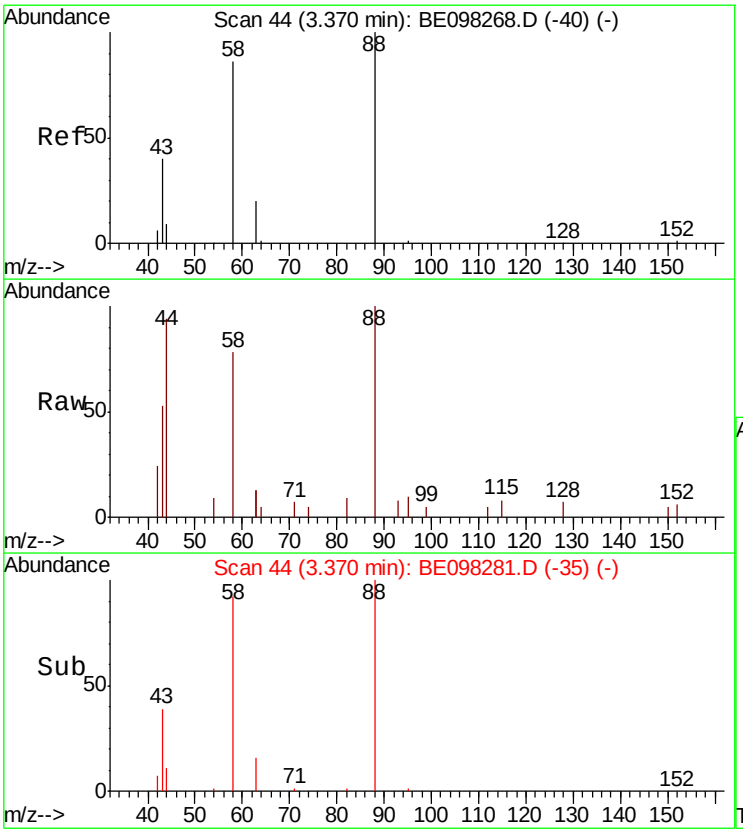
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2121

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.2	186.4
115	66.7	53.9	80.9

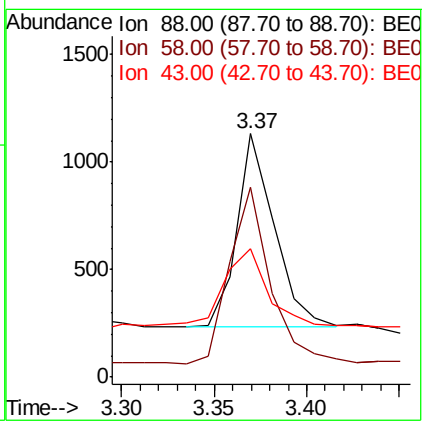


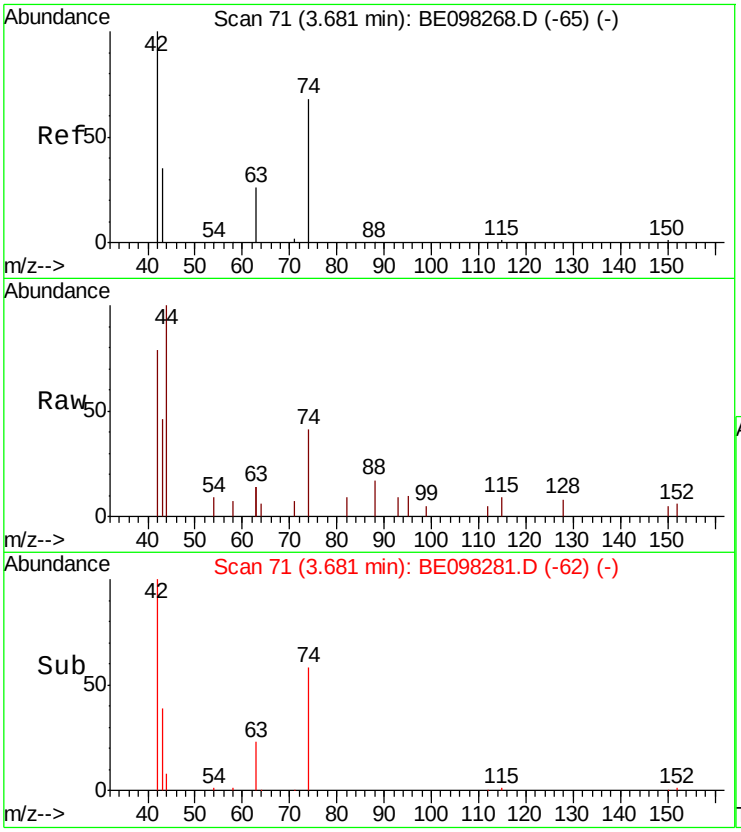


#2
1,4-Dioxane
Concen: 0.328 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion: 88 Resp: 1250

Ion	Ratio	Lower	Upper
88	100		
58	100.0	75.0	112.6
43	50.4	38.3	57.5



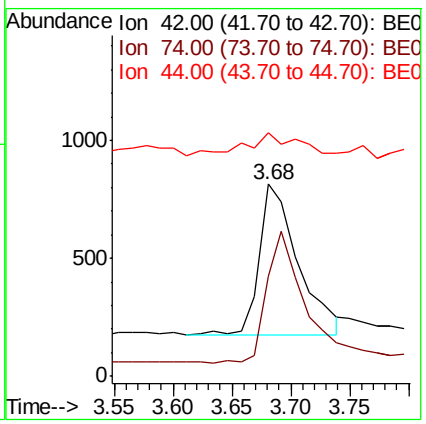


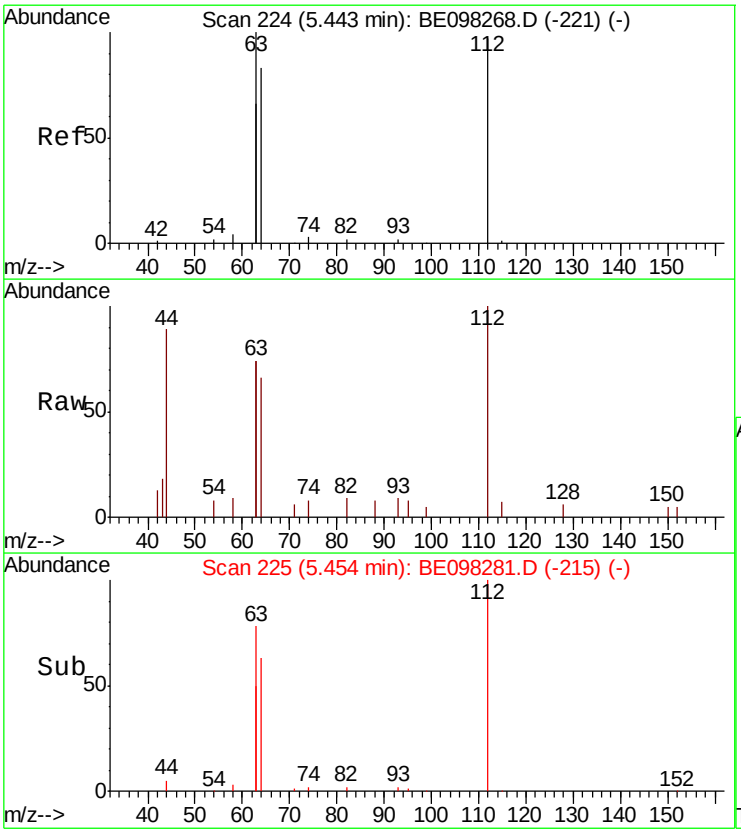
#3
n-Nitrosodimethylamine
Concen: 0.359 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1460

Ion	Ratio	Lower	Upper
42	100		
74	82.7	0.0	0.0#
44	21.8	0.0	0.0#

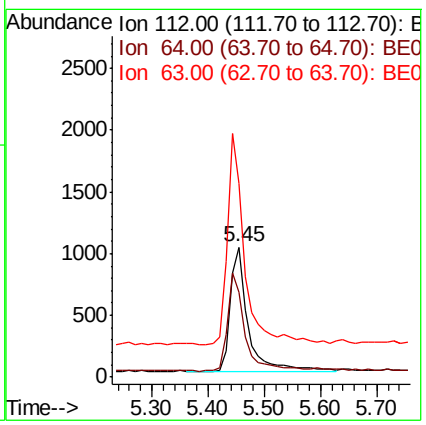


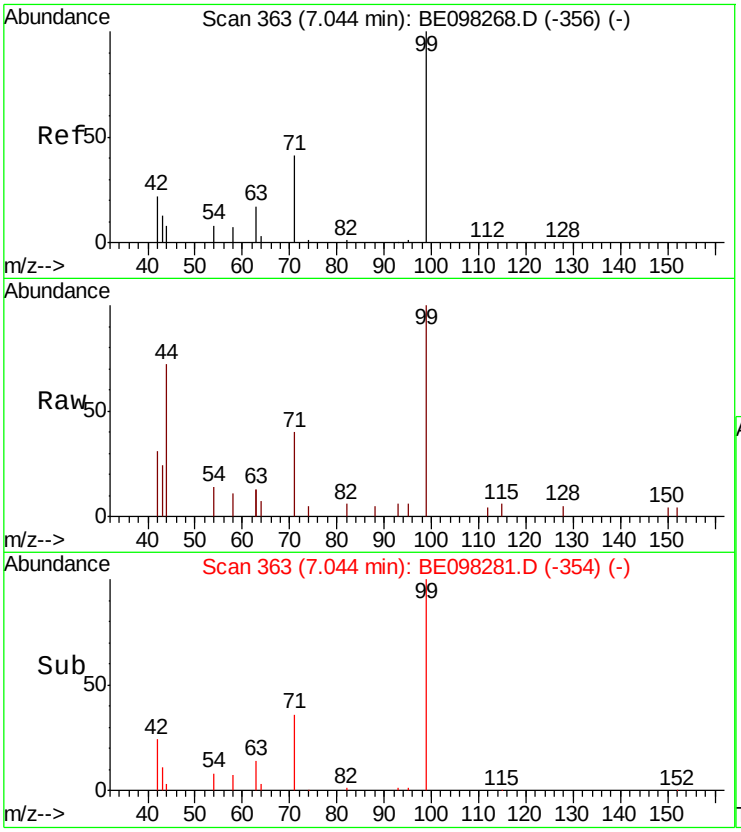


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:112 Resp: 2246

Ion	Ratio	Lower	Upper
112	100		
64	76.5	59.8	89.8
63	164.0	133.7	200.5



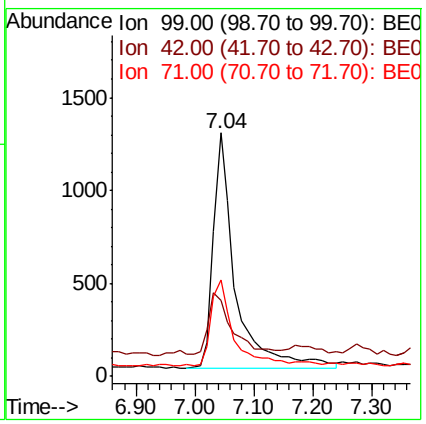


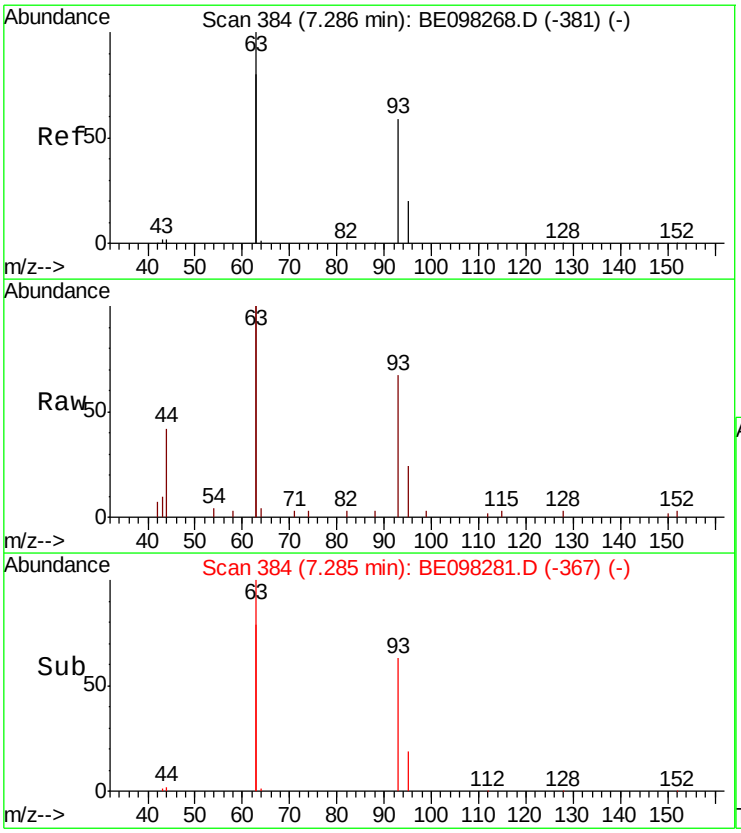
#5
Phenol-d6
Concen: 0.409 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3264

Ion	Ratio	Lower	Upper
99	100		
42	29.0	26.3	39.5
71	35.8	33.6	50.4

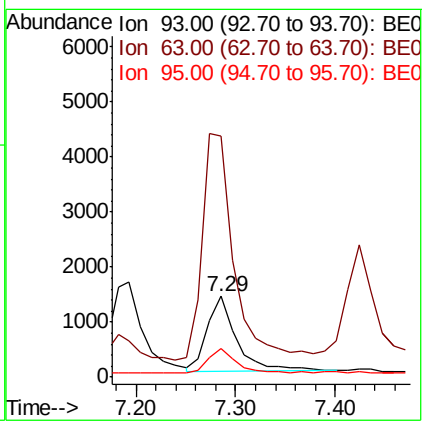


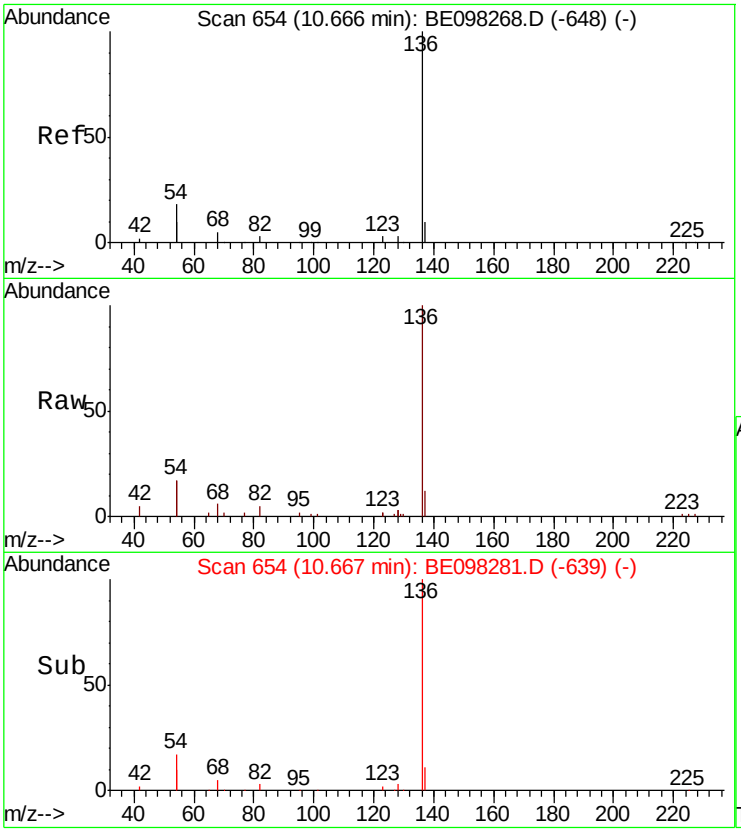


#6
bis(2-Chloroethyl)ether
Concen: 0.385 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion: 93 Resp: 2828

Ion	Ratio	Lower	Upper
93	100		
63	324.1	264.4	396.6
95	30.3	26.6	40.0



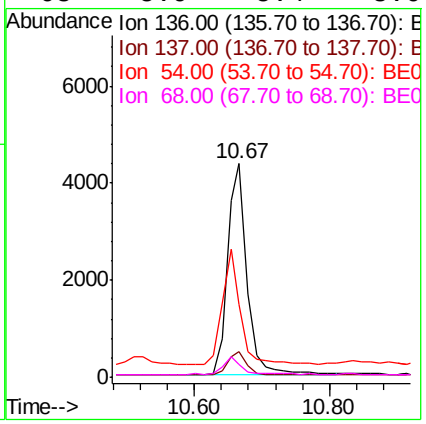


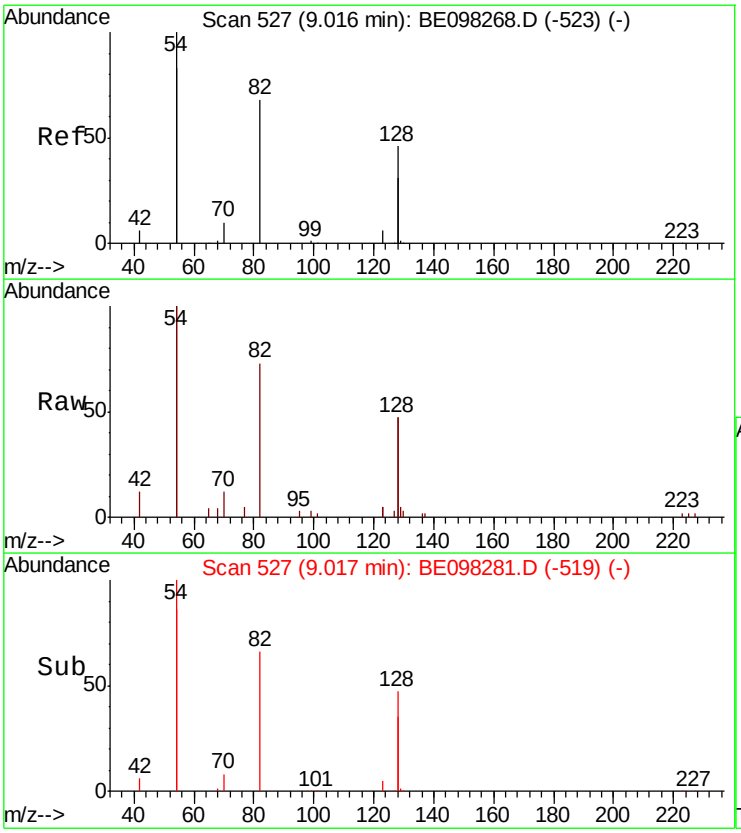
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 8917

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	33.9	28.4	42.6
68	5.9	5.4	8.0

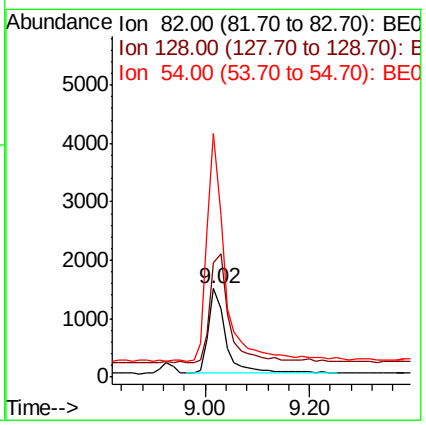


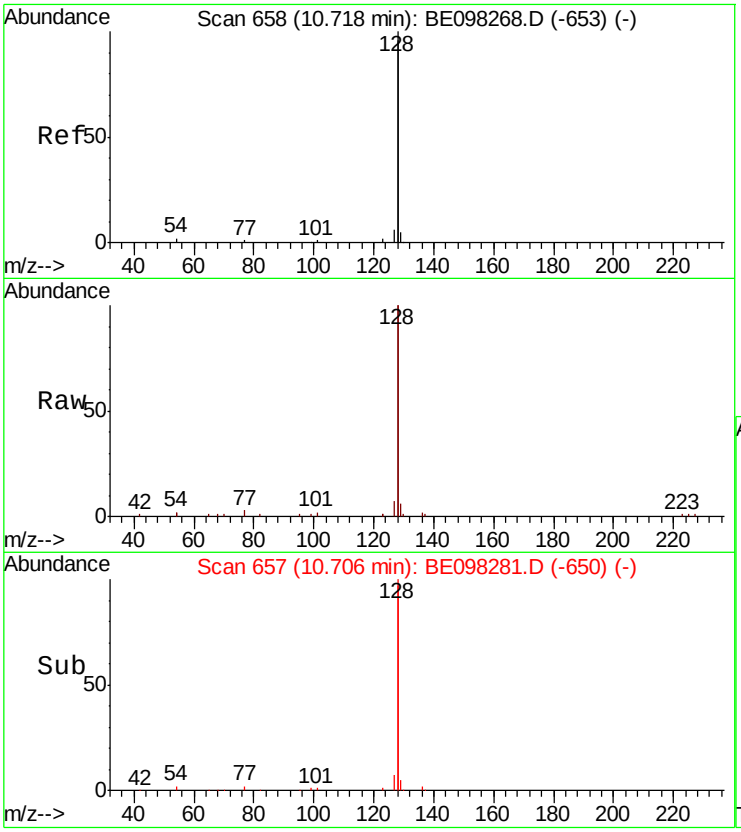


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion: 82 Resp: 3484

Ion	Ratio	Lower	Upper
82	100		
128	129.0	102.4	153.6
54	274.9	221.8	332.8



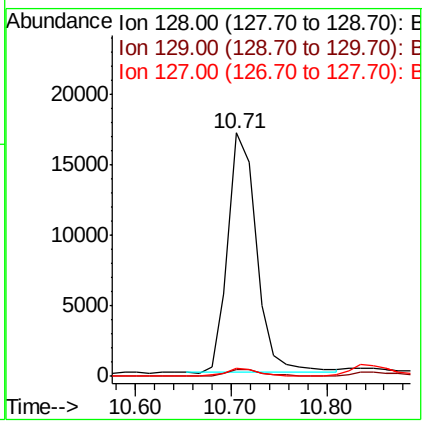


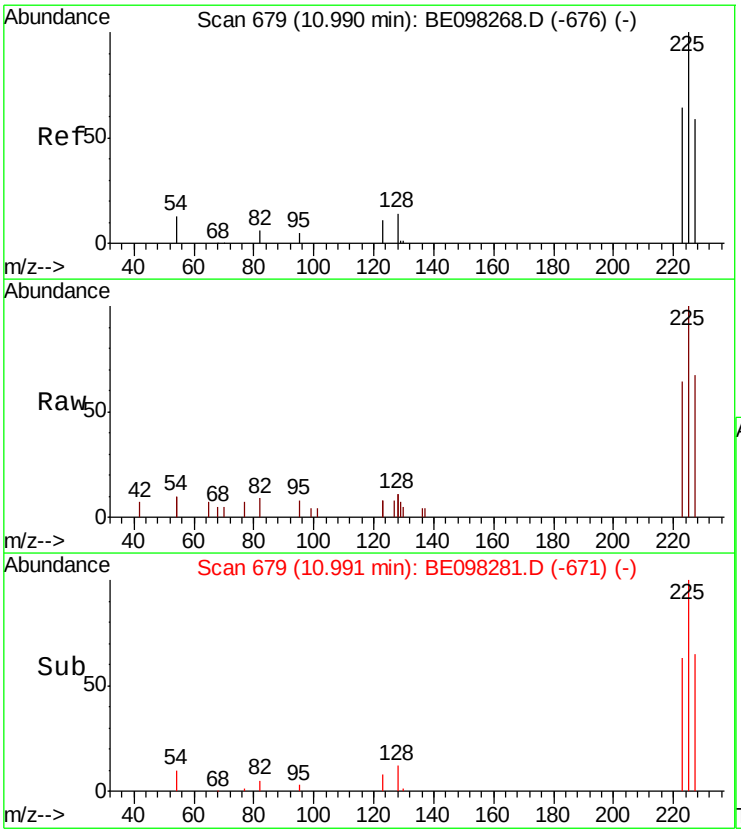
#9
Naphthalene
Concen: 0.397 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 35608

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.6	2.7	4.1

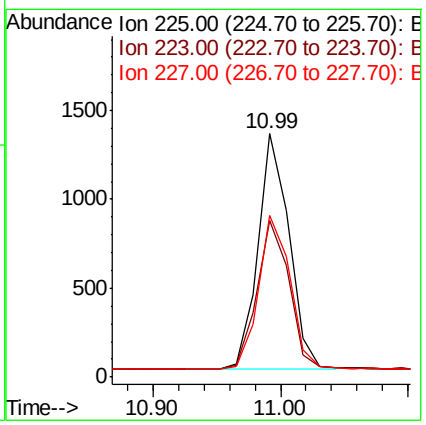


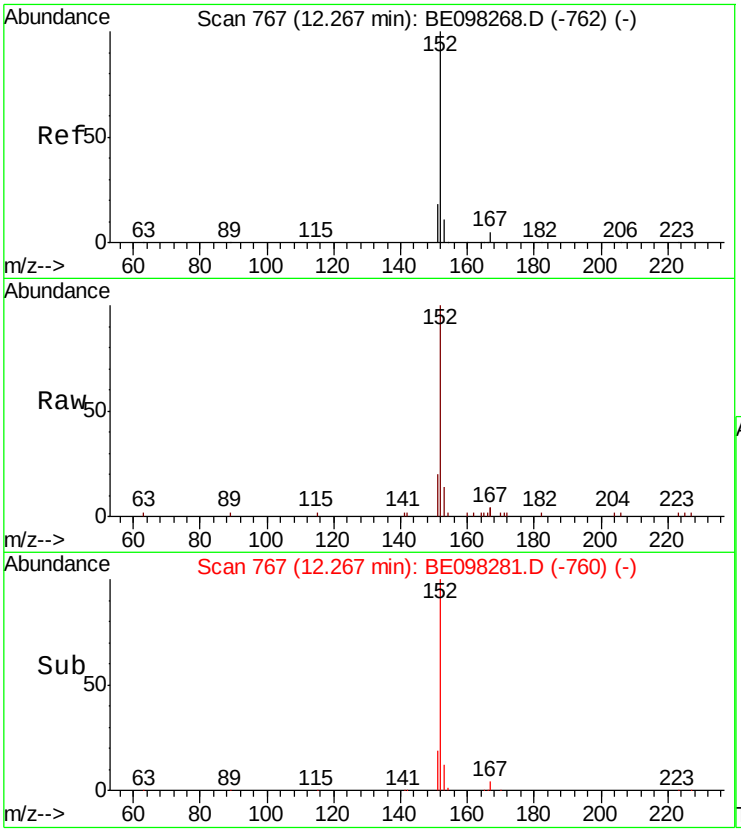


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:225 Resp: 2233

Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.4	74.0
227	66.2	52.0	78.0



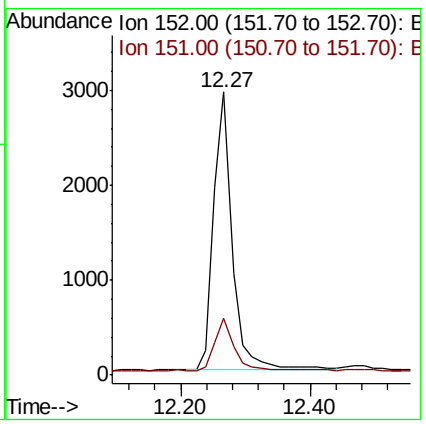


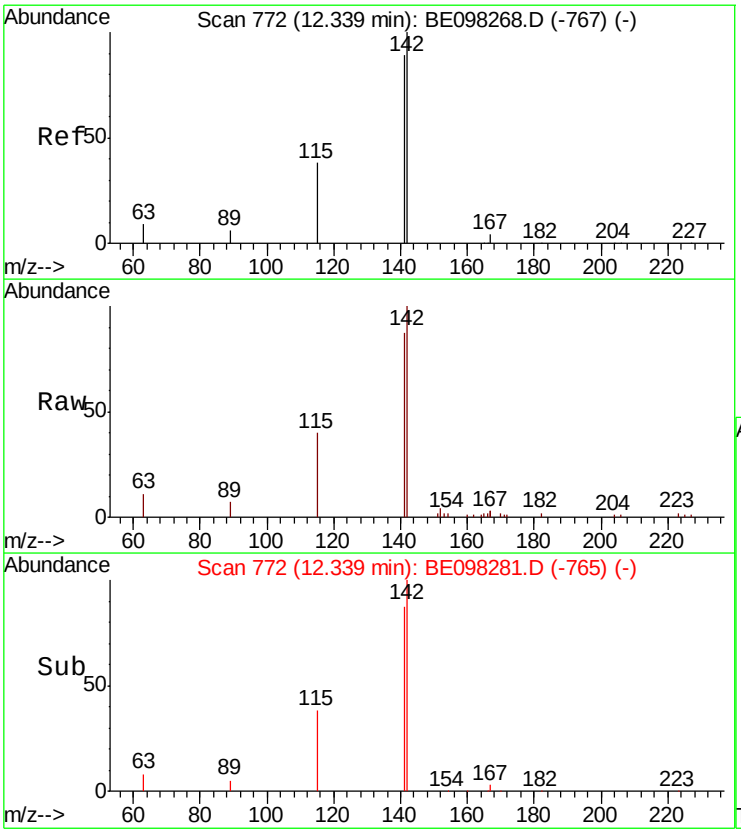
#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5921

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4

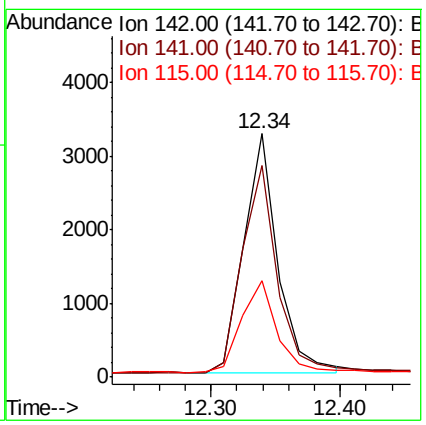


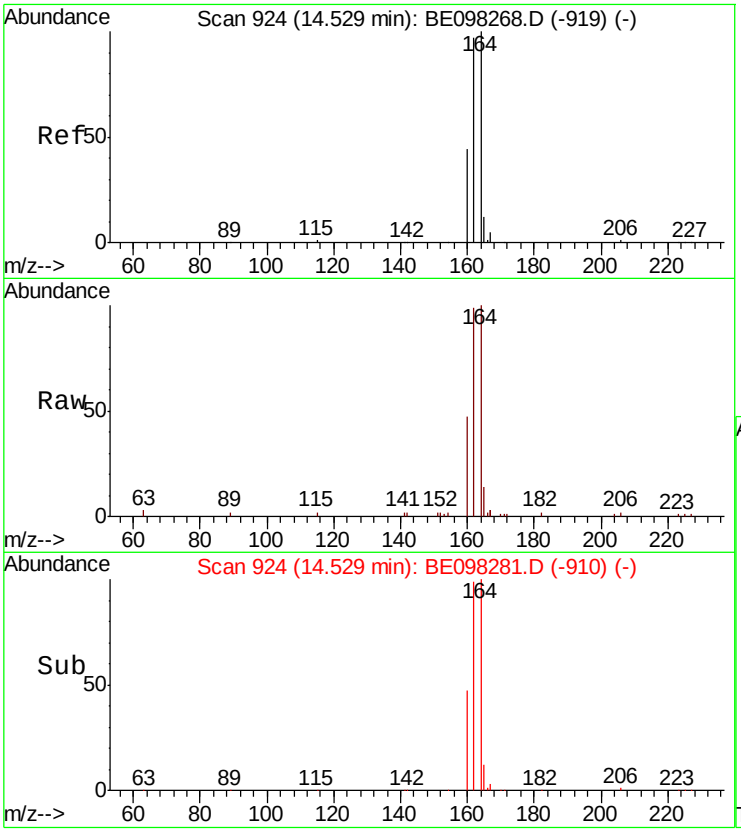


#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:142 Resp: 5886

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.0	106.6
115	39.6	32.2	48.2



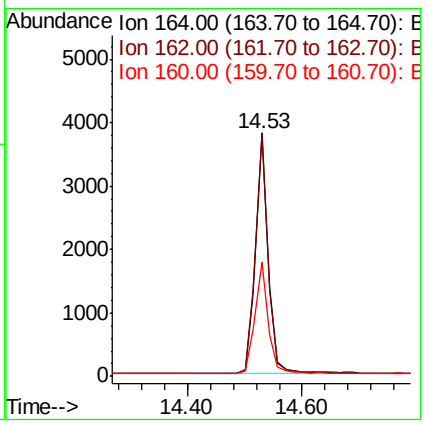


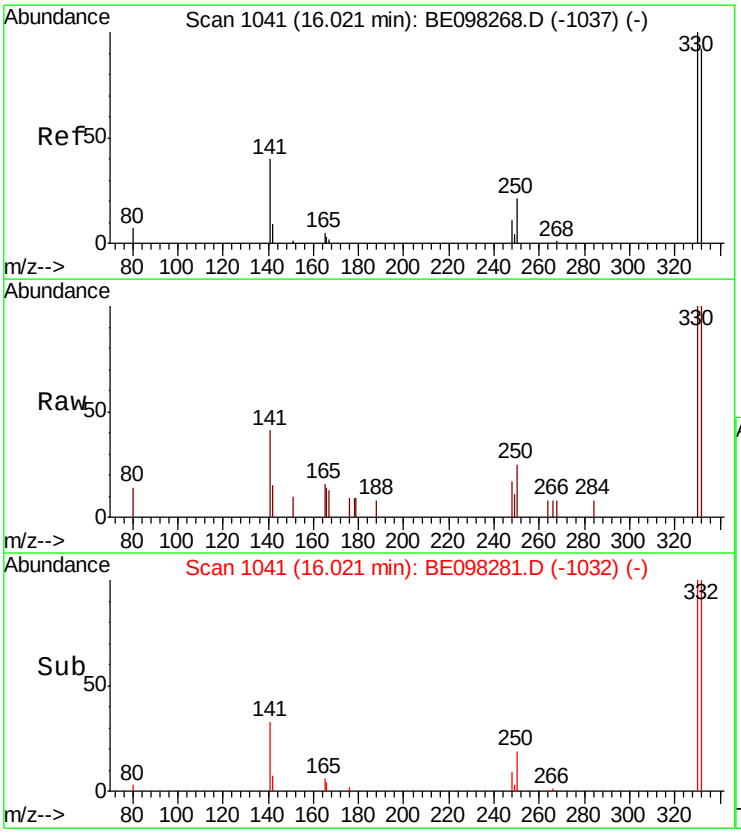
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5851

Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.6	116.4
160	47.2	36.0	54.0

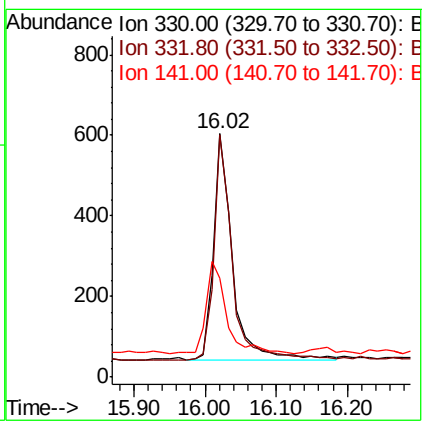


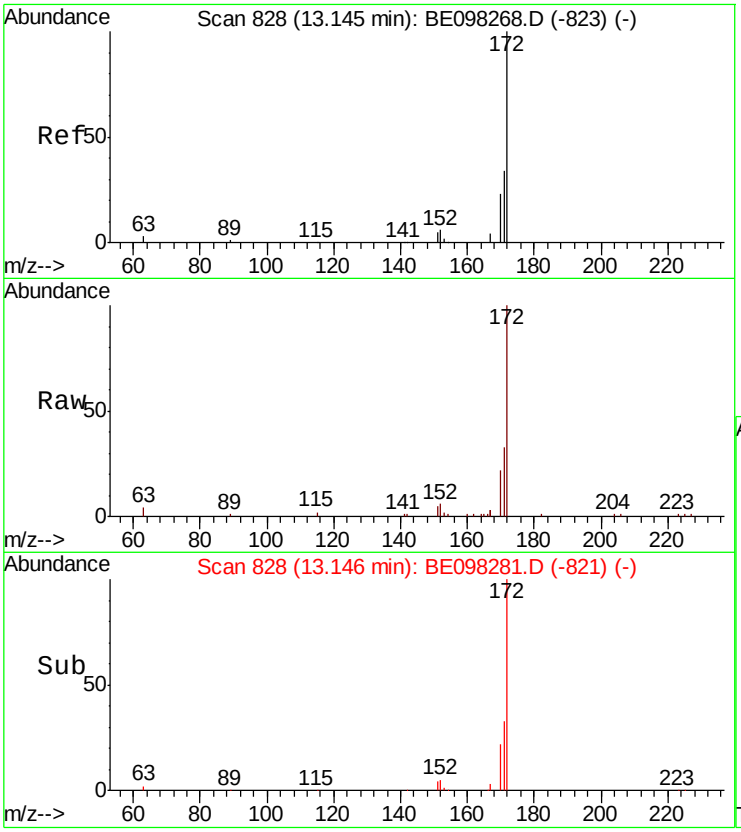


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:330 Resp: 1020

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	45.0	39.0	58.4



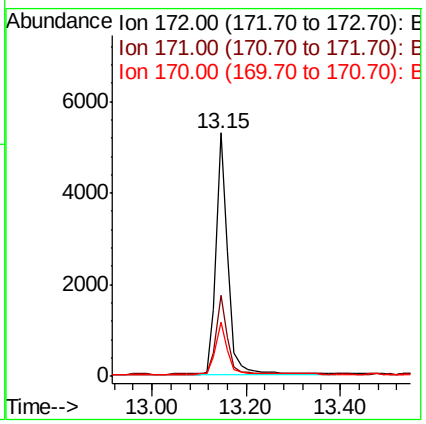


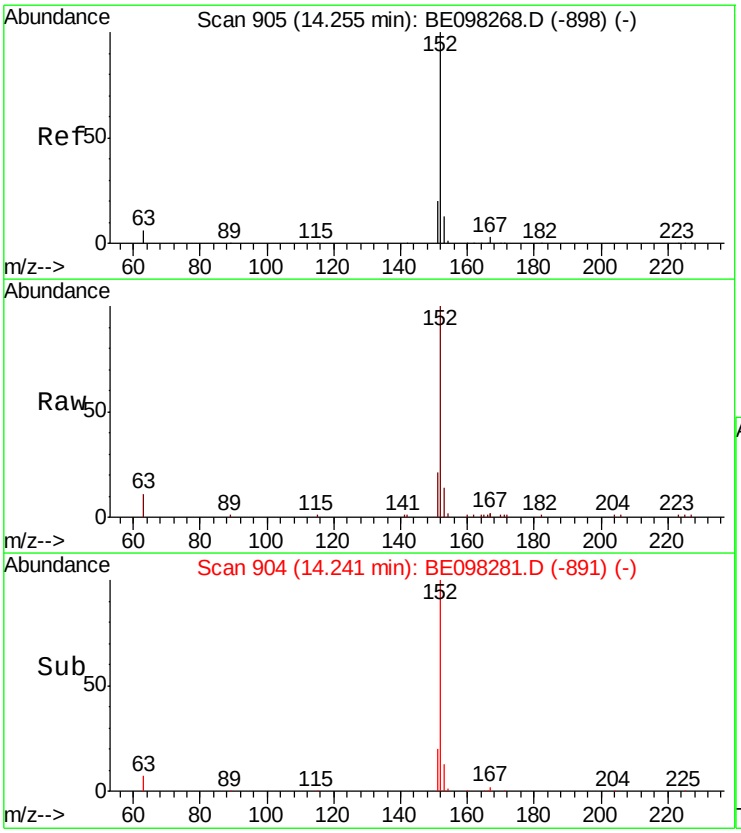
#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9106

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.5	41.3
170	22.3	19.6	29.4

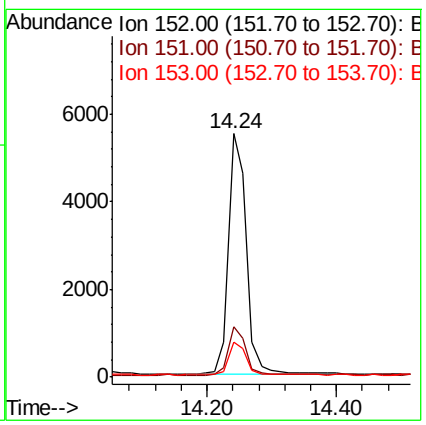


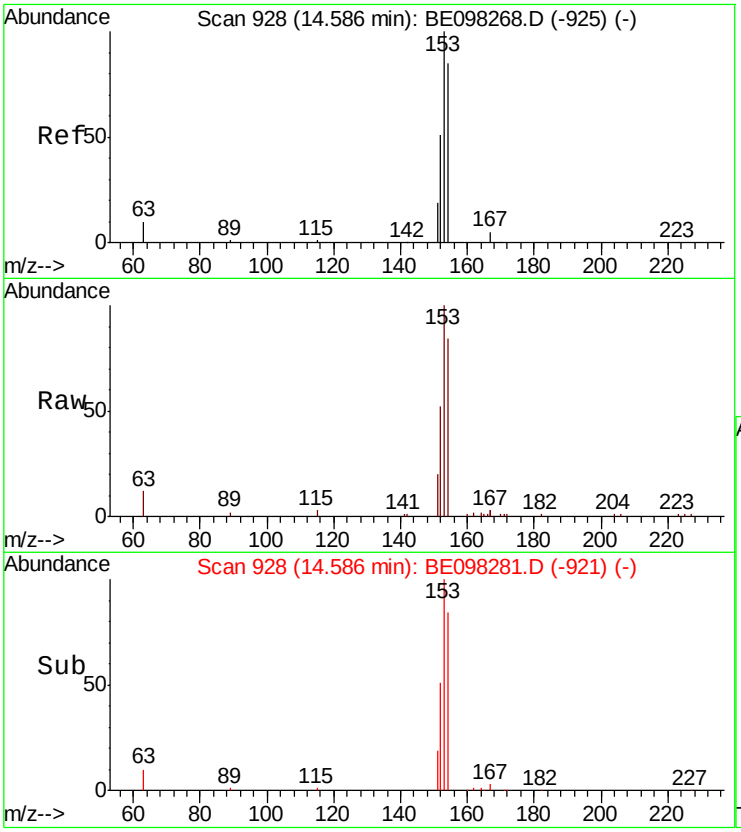


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.01 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:152 Resp: 10572

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.5	10.6	16.0



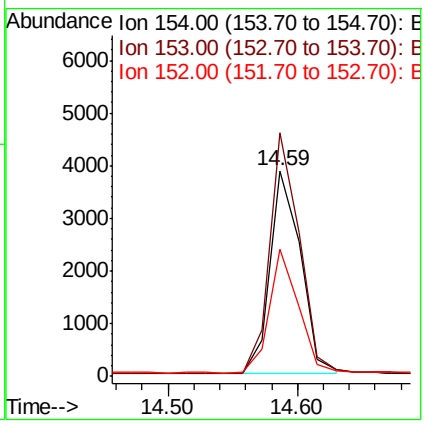


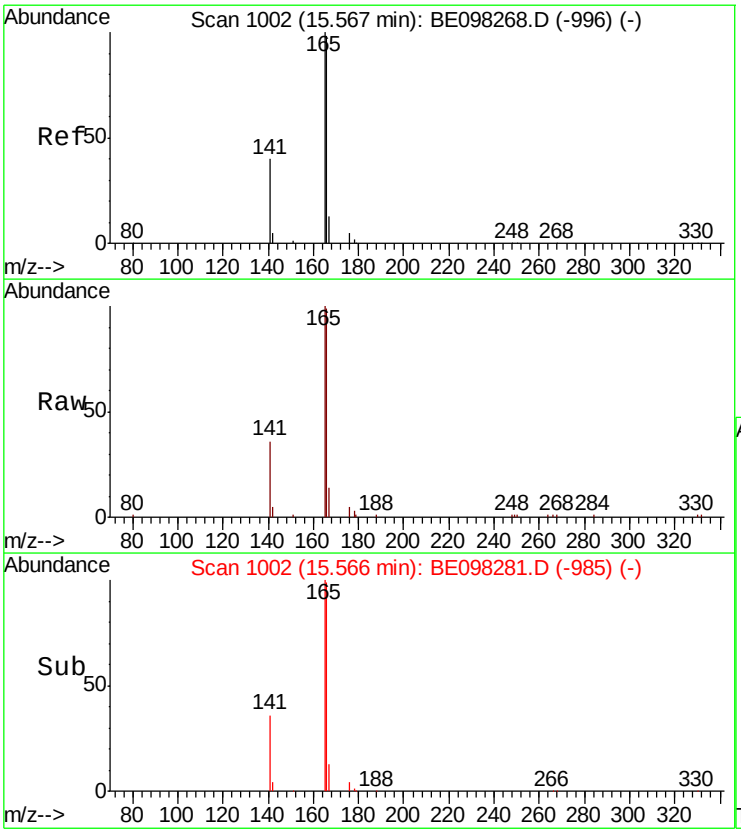
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 6330

Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.8	137.6
152	57.8	45.5	68.3

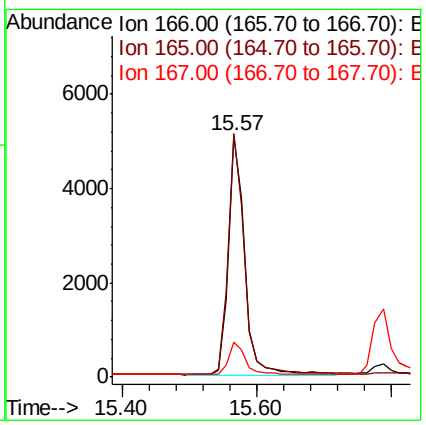


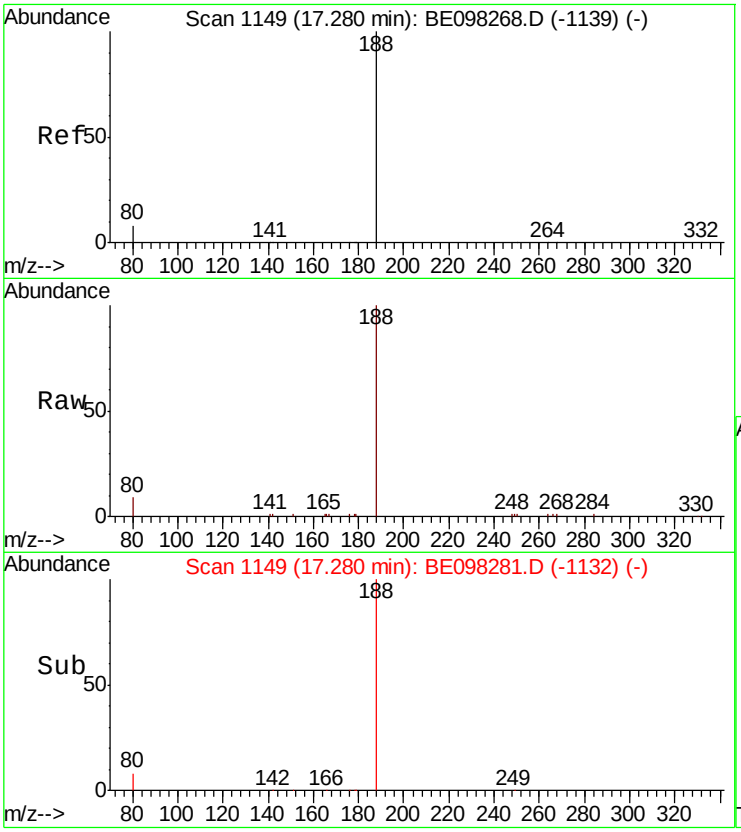


#18
Fluorene
Concen: 0.400 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:166 Resp: 8625

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.3	118.9
167	13.6	11.3	16.9



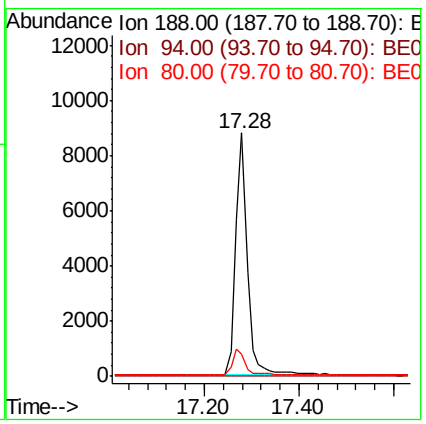


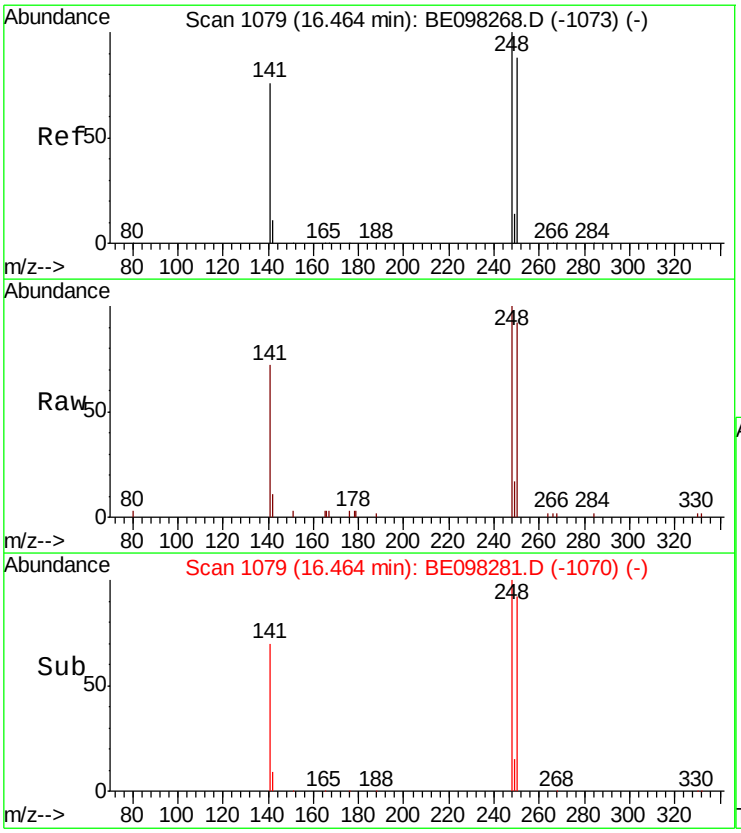
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 14980

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.2	10.8

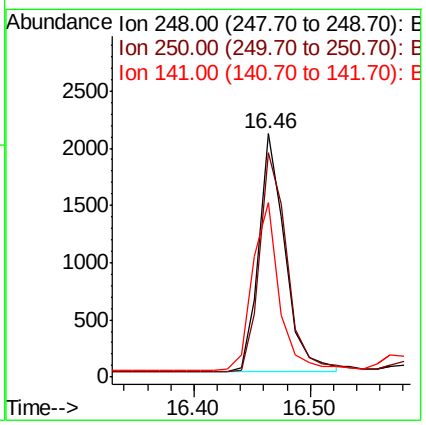


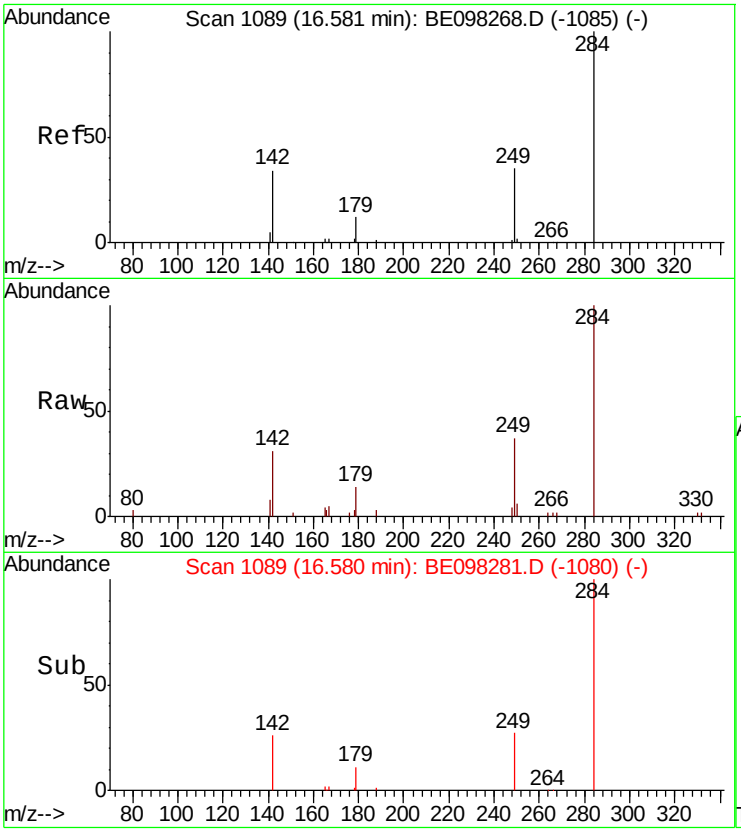


#20
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:248 Resp: 3284

Ion	Ratio	Lower	Upper
248	100		
250	92.1	71.0	106.6
141	71.8	62.1	93.1



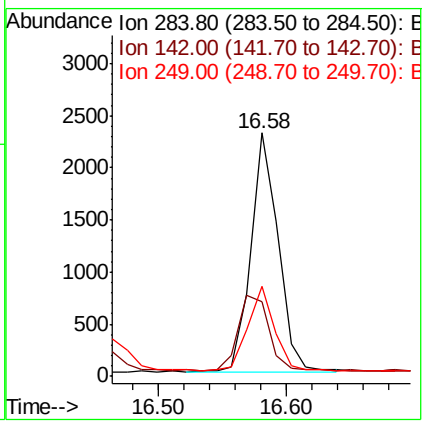


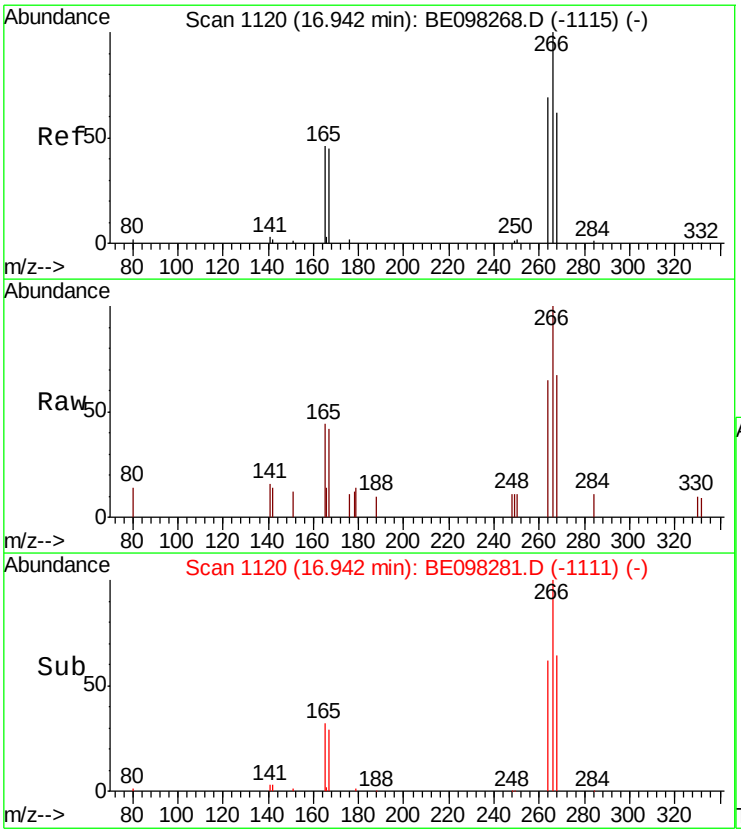
#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3413

Ion	Ratio	Lower	Upper
284	100		
142	35.3	26.3	39.5
249	34.0	26.0	39.0

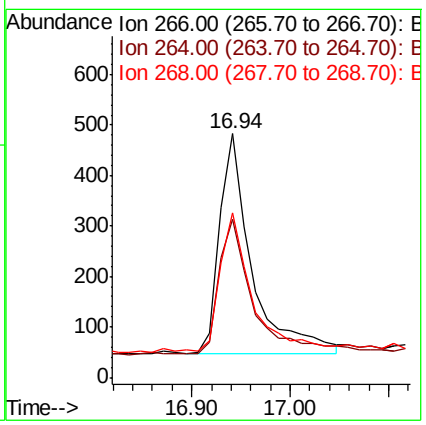


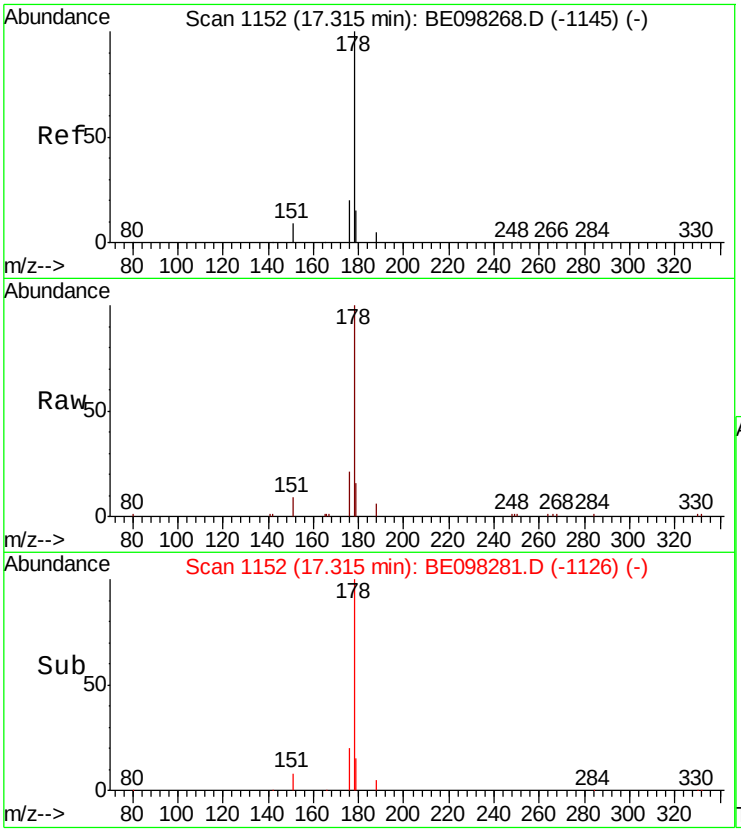


#22
Pentachlorophenol
Concen: 0.372 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:266 Resp: 981

Ion	Ratio	Lower	Upper
266	100		
264	65.0	59.0	88.4
268	67.5	55.1	82.7



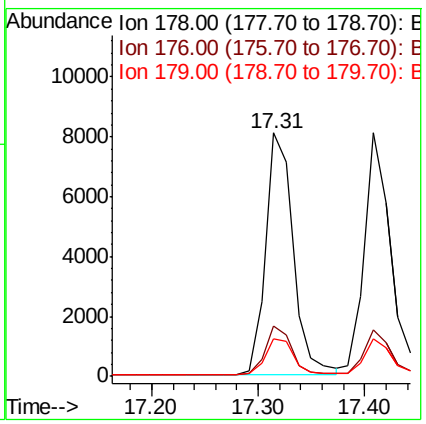


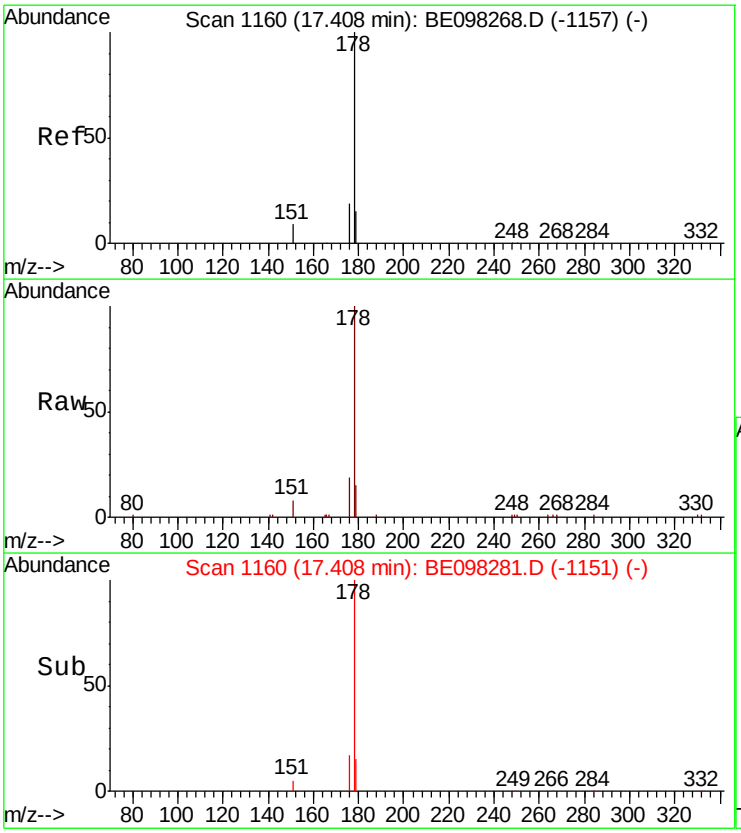
#23
Phenanthrene
Concen: 0.391 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 14558

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.6	12.3	18.5

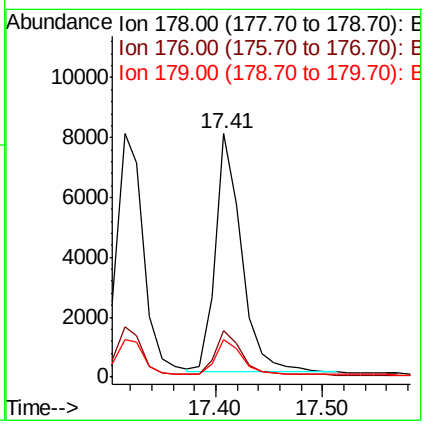


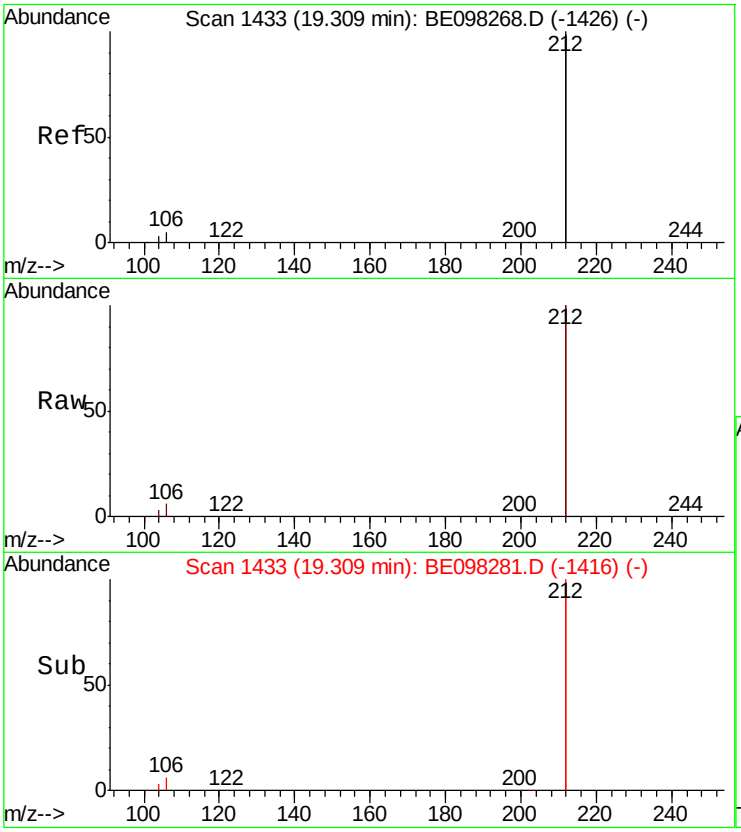


#24
Anthracene
Concen: 0.389 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:178 Resp: 13480

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.0	12.3	18.5



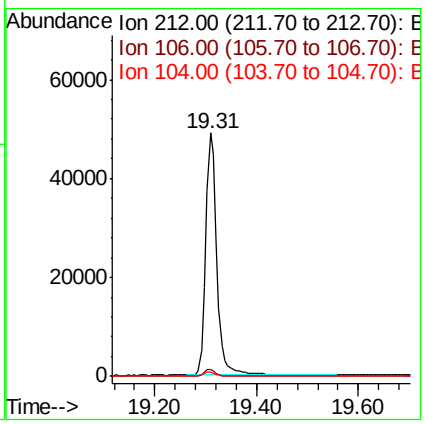


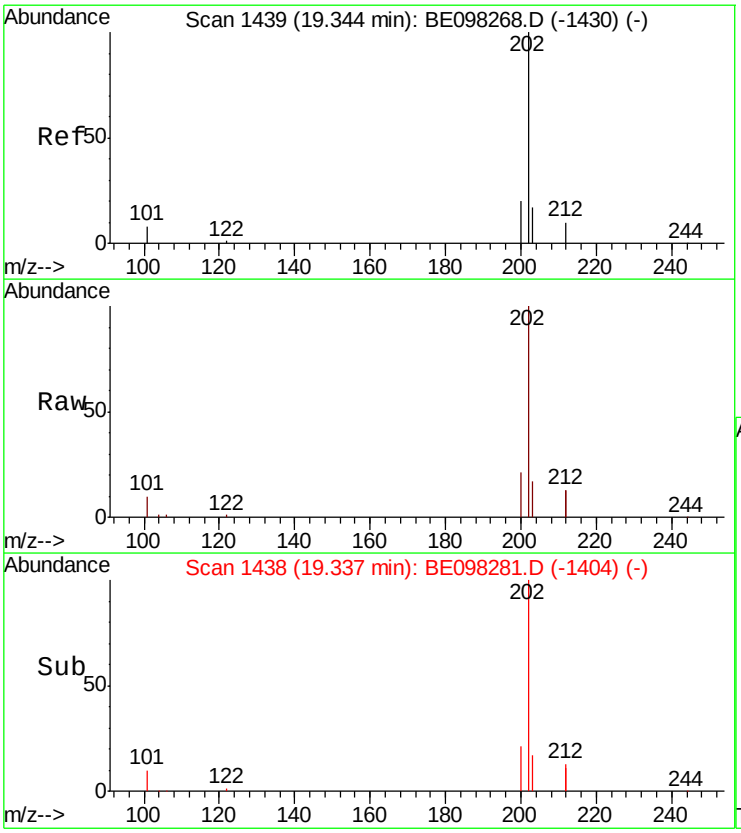
#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 75126

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.6	1.3	1.9

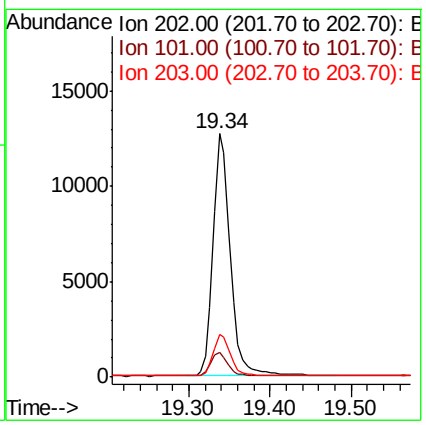


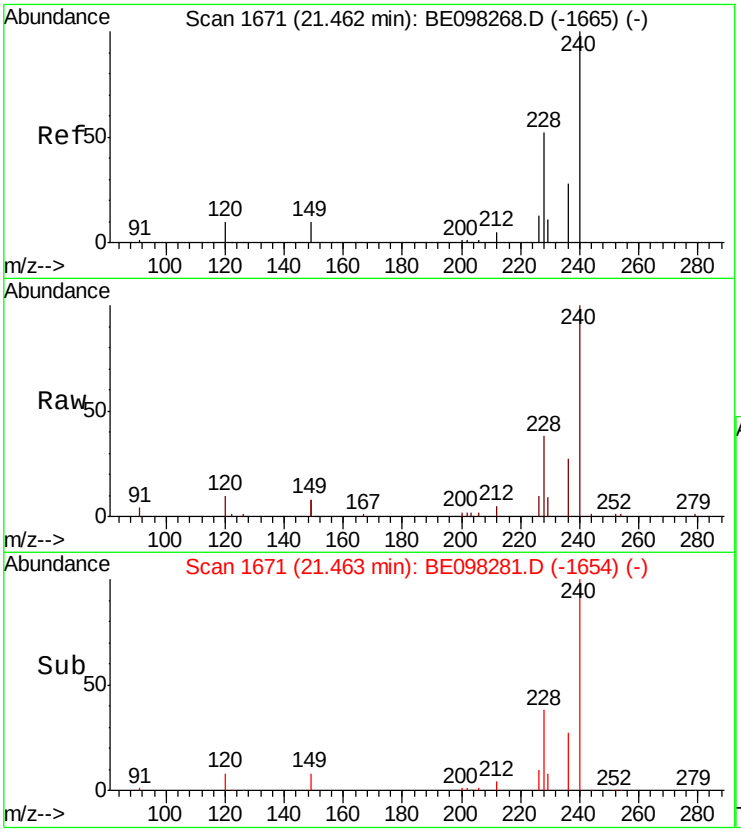


#26
Fluoranthene
Concen: 0.369 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:202 Resp: 18726

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.0	12.0
203	16.9	13.8	20.6



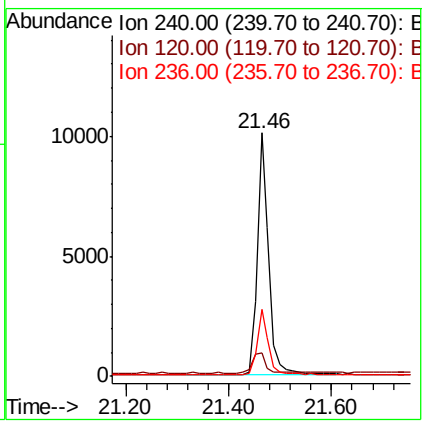


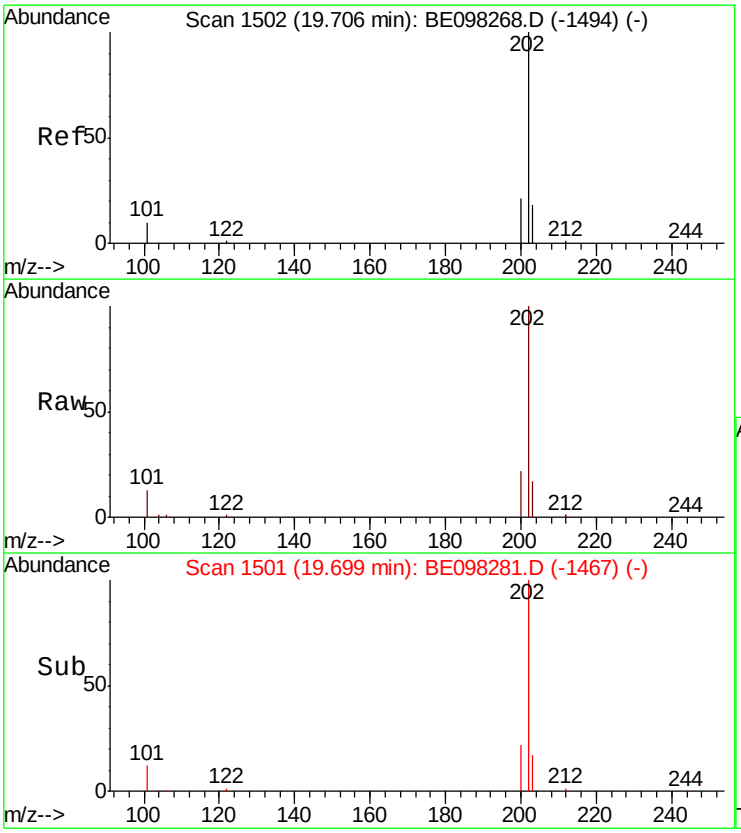
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 15867

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	27.4	22.7	34.1

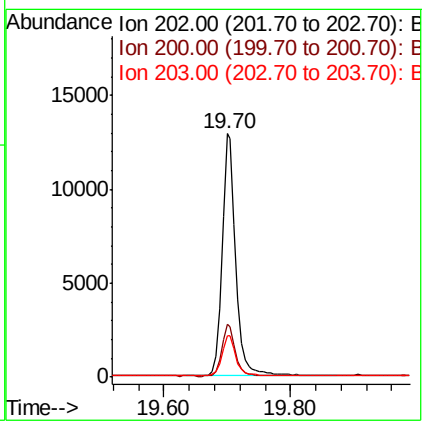


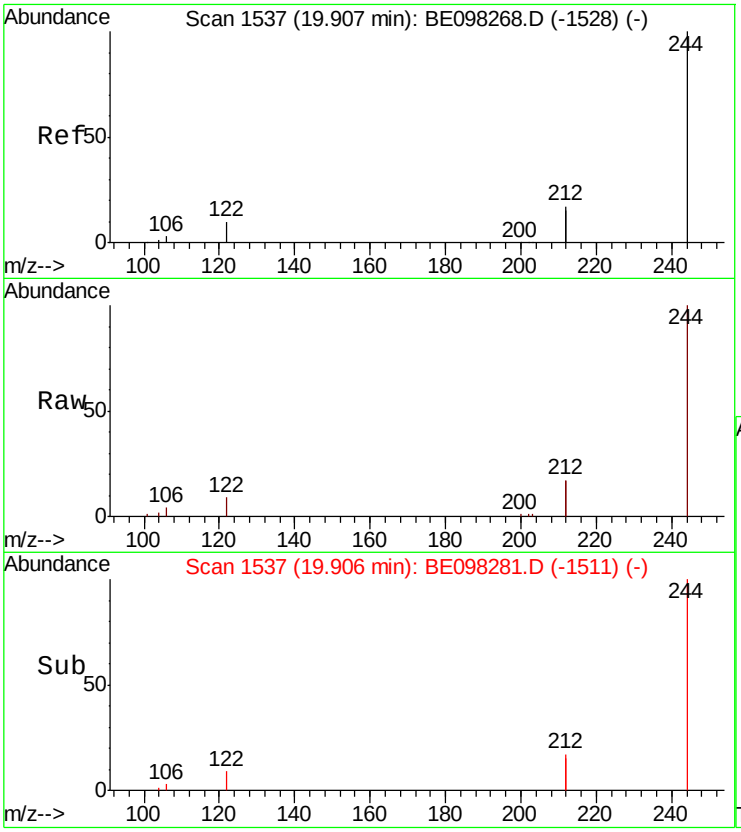


#28
Pyrene
Concen: 0.443 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:202 Resp: 19472

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.1	14.1	21.1



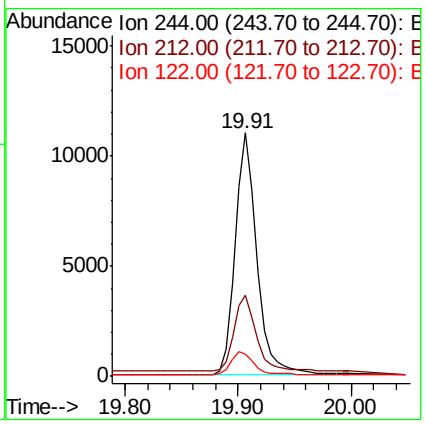


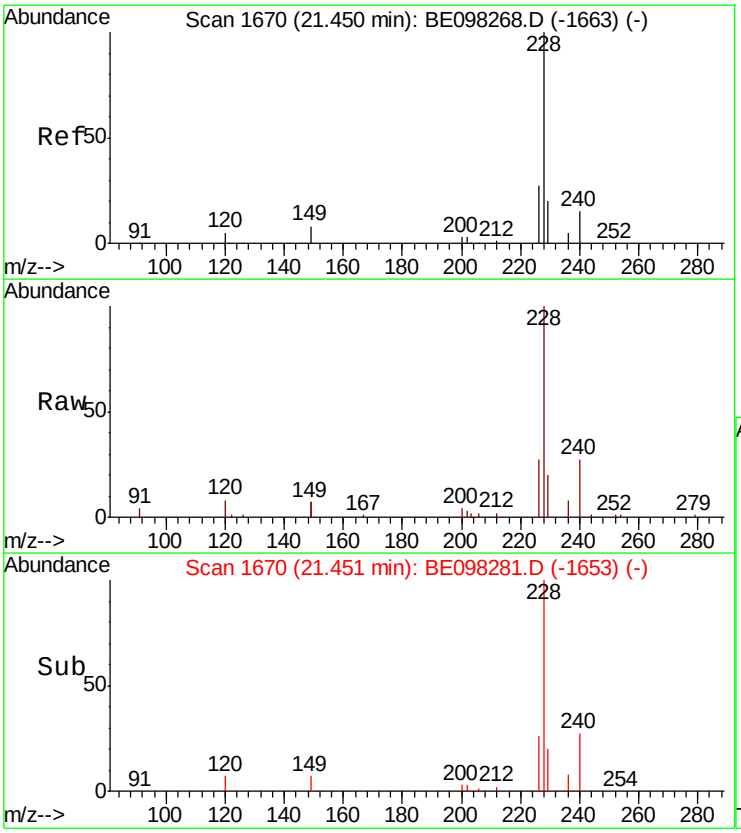
#29
Terphenyl-d14
Concen: 0.419 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 14963

Ion	Ratio	Lower	Upper
244	100		
212	33.4	27.4	41.0
122	9.3	8.3	12.5

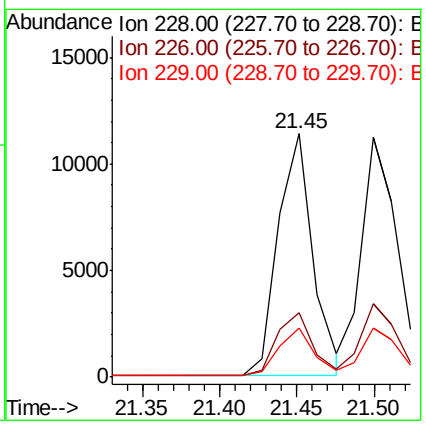


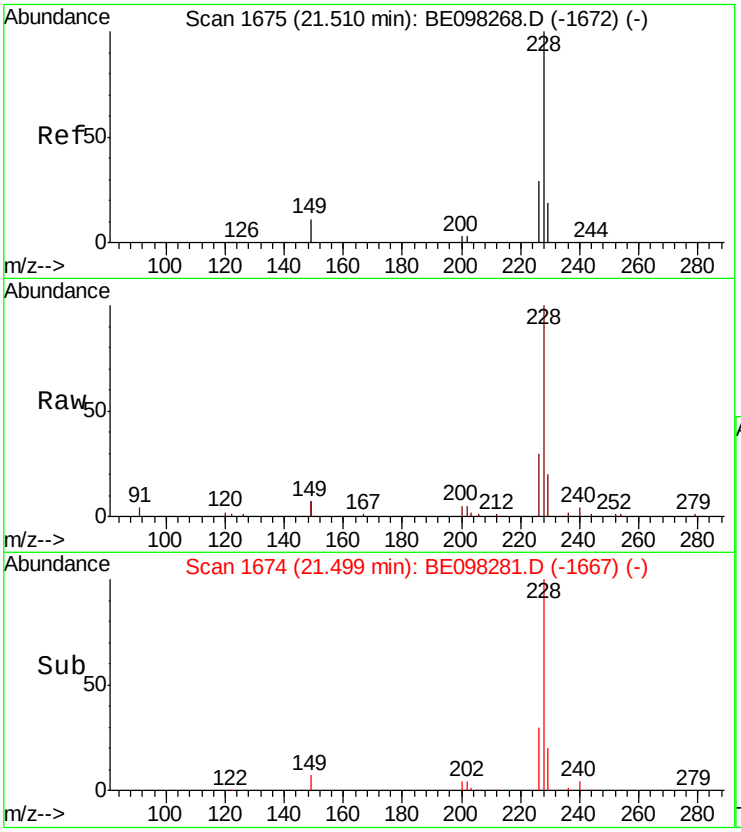


#30
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:228 Resp: 17881

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.8
229	20.2	16.3	24.5



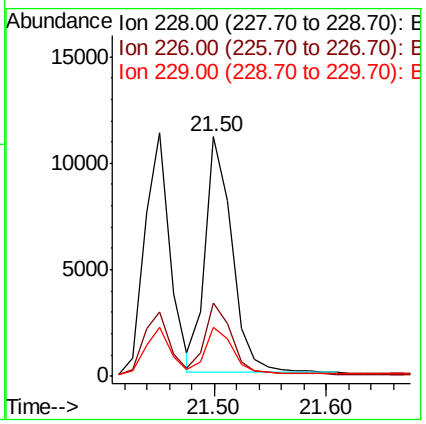


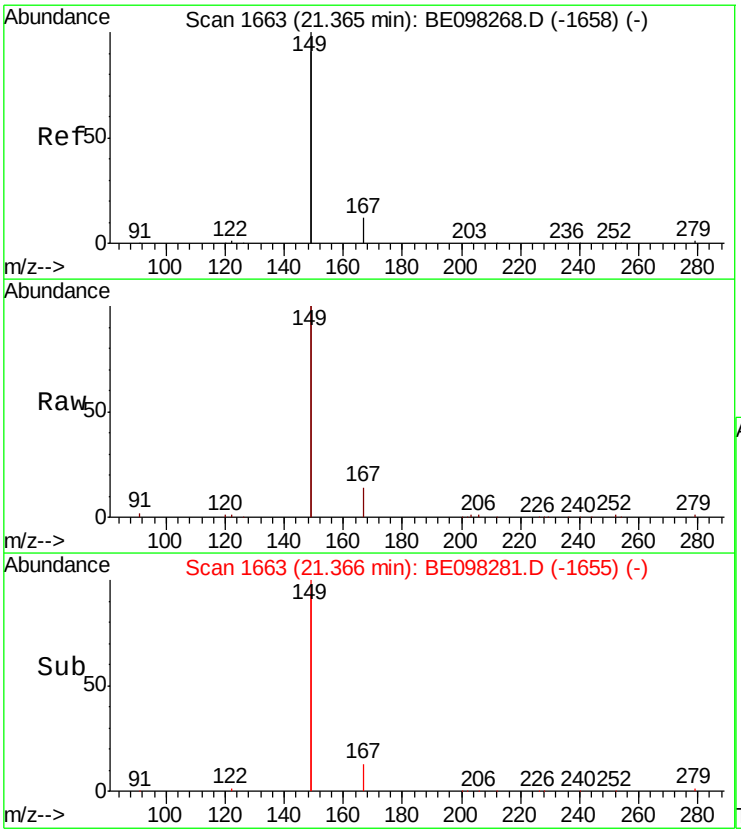
#31
Chrysene
Concen: 0.386 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 18317

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	20.3	16.2	24.4

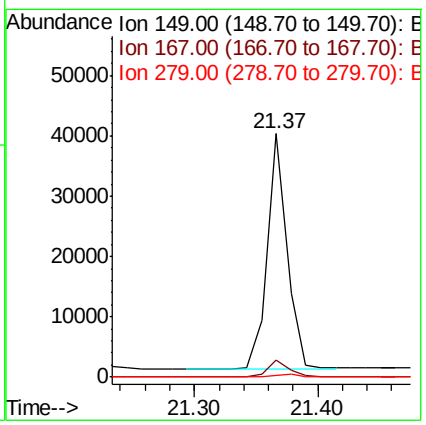


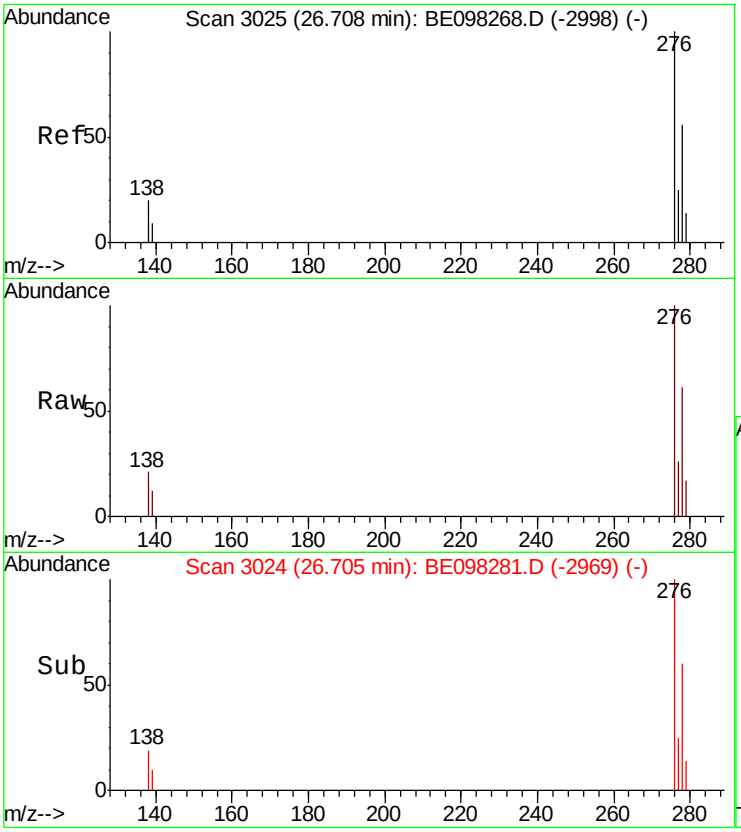


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.396 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:149 Resp: 44312

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.7	8.5
279	1.1	1.0	1.4



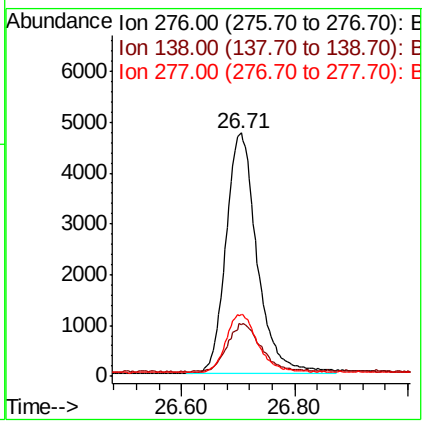


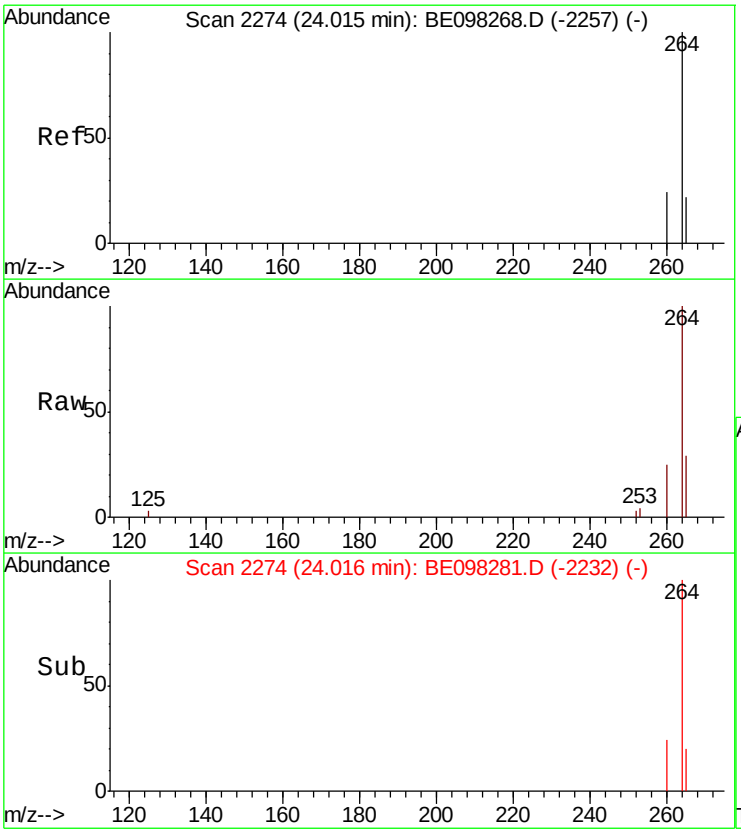
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 26.71 min Scan# 3024
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 18049

Ion	Ratio	Lower	Upper
276	100		
138	21.8	16.3	24.5
277	24.8	20.2	30.4

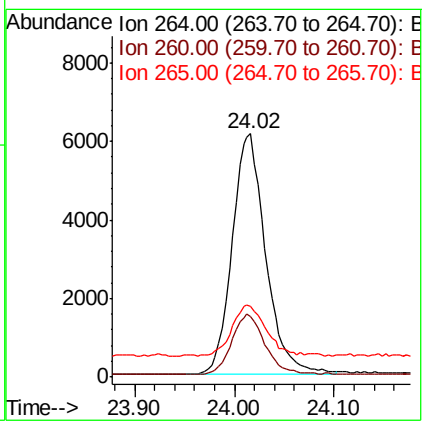


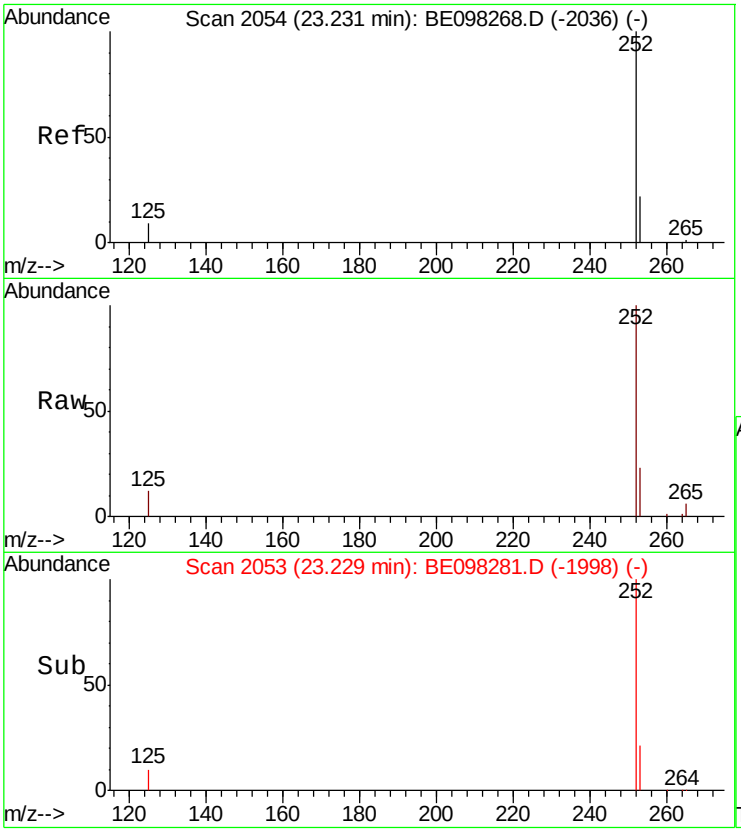


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:264 Resp: 14282

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.2
265	29.2	25.2	37.8



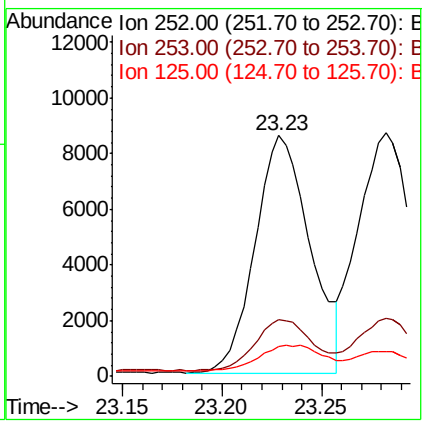


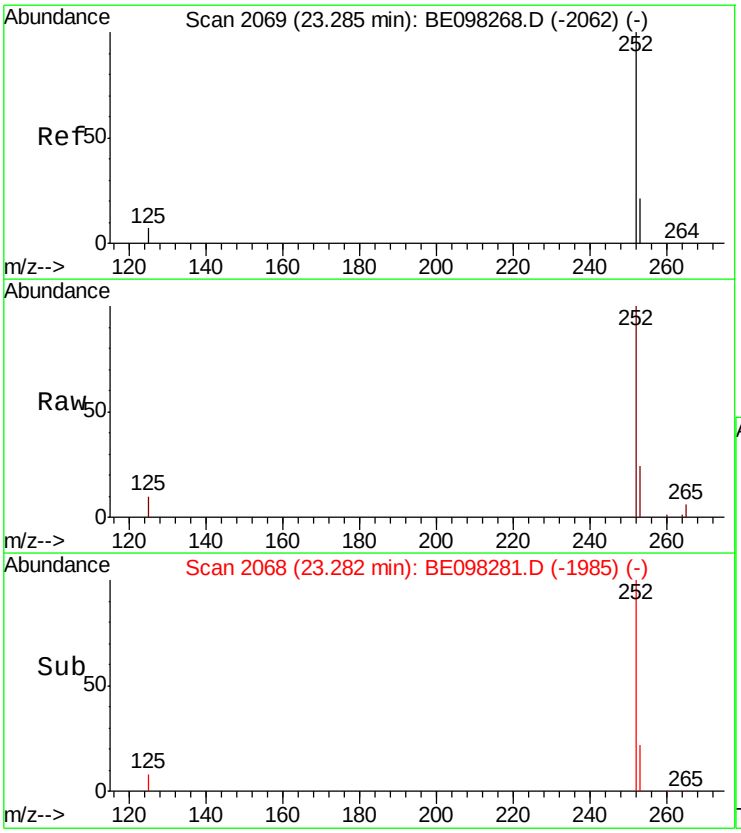
#35
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 16383

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	12.2	9.6	14.4

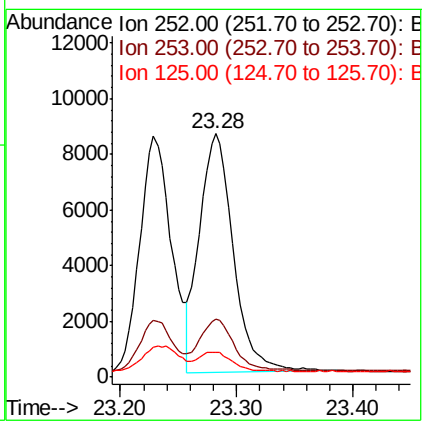


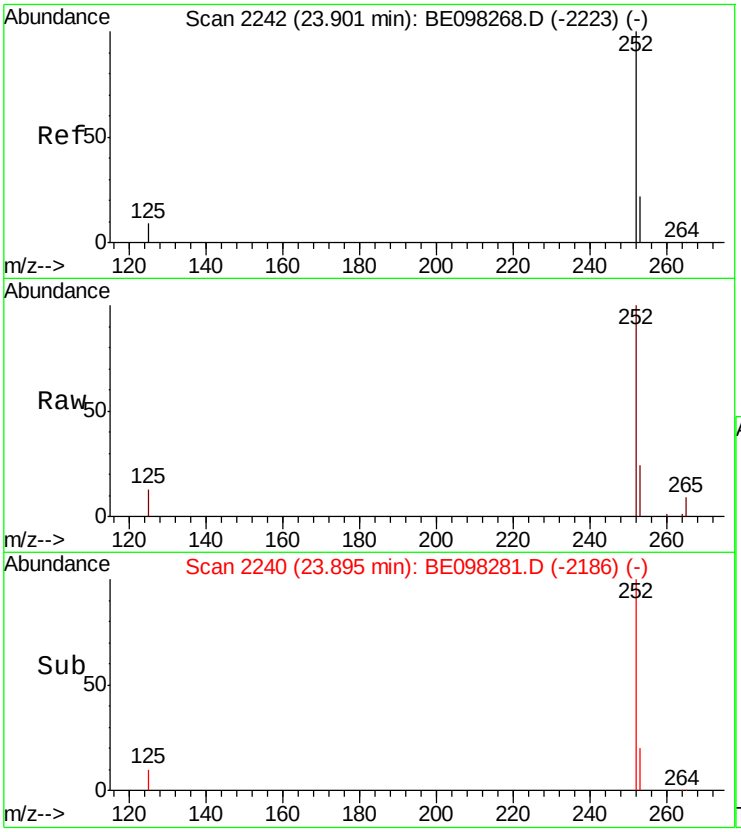


#36
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 23.28 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:252 Resp: 17327

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.6
125	10.3	9.1	13.7



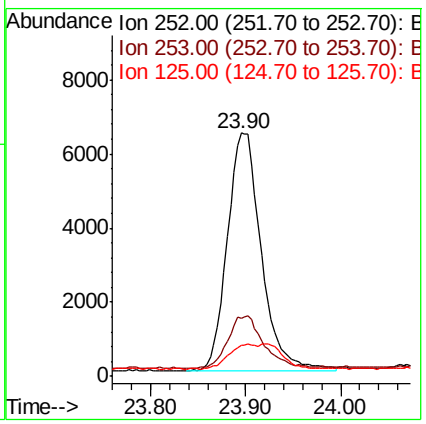


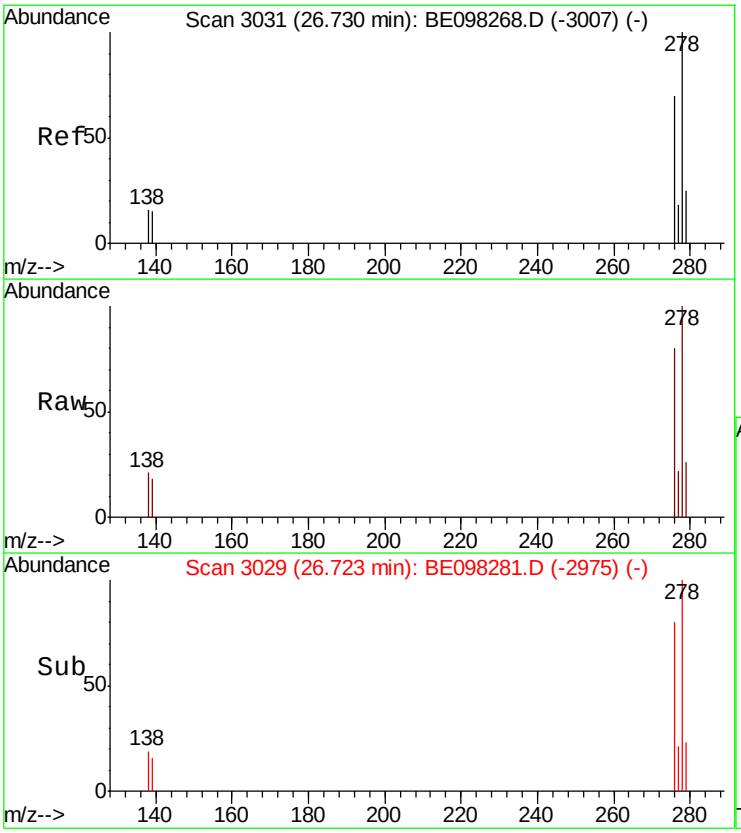
#37
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.90 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15966

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.6	30.8
125	12.7	10.5	15.7

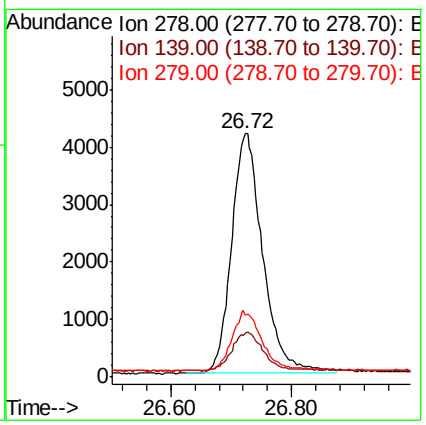


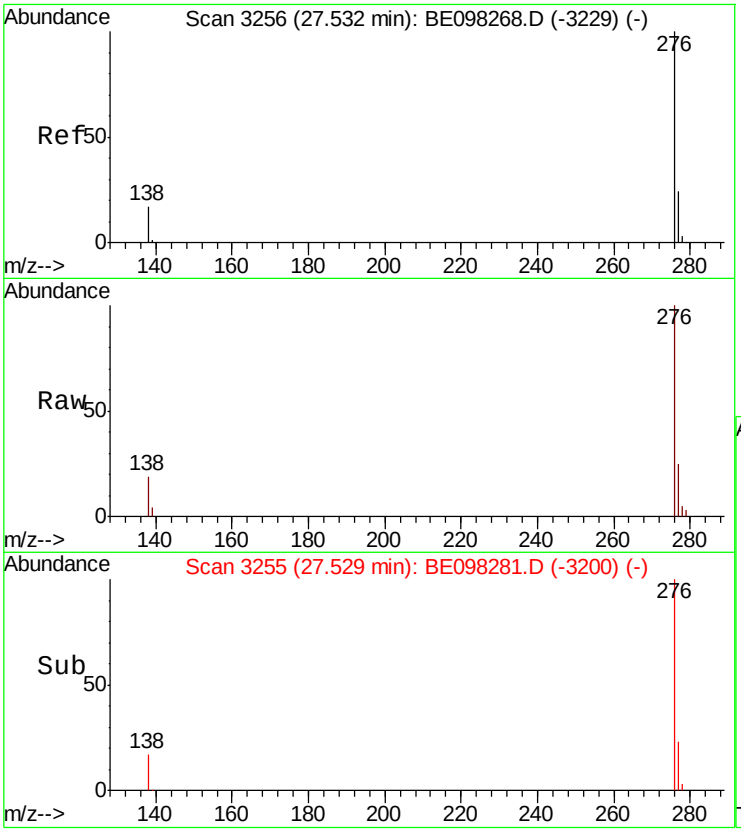


#38
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 26.72 min Scan# 3029
Delta R.T. -0.01 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Tgt Ion:278 Resp: 14984

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.5	21.7
279	25.7	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BE098281.D
Acq: 29 Nov 2018 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 14934

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.8	31.2
138	19.4	15.8	23.6