Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098206.D
Acq On : 13 Nov 2018 1:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Nov 13 03:51:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1271	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	5994	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4185	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	9746	0.40	ng		0.00
27) Chrysene-d12	21.46	240	11712	0.40	ng		0.00
34) Perylene-d12	24.01	264	10990	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1428	0.40	ng		0.00
5) Phenol-d6	7.04	99	2284	0.40	ng		0.00
8) Nitrobenzene-d5	9.02	82	2345	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	4098	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	660	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	6393	0.36	ng		0.00
25) Fluoranthene-d10	19.31	212	47225	0.39	ng		0.00
29) Terphenyl-d14	19.91	244	9840	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	723	0.378	ng		93
3) n-Nitrosodimethylamine	3.69	42	920	0.369	ng	#	97
6) bis(2-Chloroethyl)ether	7.29	93	1723	0.370	ng		96
9) Naphthalene	10.72	128	23515	0.386	ng		100
10) Hexachlorobutadiene	11.00	225	1394	0.368	ng		95
12) 2-Methylnaphthalene	12.34	142	4186	0.396	ng		96
16) Acenaphthylene	14.26	152	7402	0.386	ng		100
17) Acenaphthene	14.60	154	4531	0.387	ng		99
18) Fluorene	15.58	166	5797	0.386	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	2325	0.391	ng		95
21) Hexachlorobenzene	16.59	284	2399	0.388	ng		99
22) Pentachlorophenol	16.94	266	509	0.449	ng		93
23) Phenanthrene	17.31	178	9455	0.389	ng		100
24) Anthracene	17.41	178	8860	0.392	ng		99
26) Fluoranthene	19.34	202	11737	0.390	ng		99
28) Pyrene	19.70	202	12326	0.382	ng		99
30) Benzo(a)anthracene	21.45	228	12712	0.382	ng		98
31) Chrysene	21.50	228	12853	0.380	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	28456	0.412	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	12588	0.406	ng	#	91
35) Benzo(b)fluoranthene	23.23	252	11826	0.379	ng		98
36) Benzo(k)fluoranthene	23.28	252	12467	0.379	ng		99
37) Benzo(a)pyrene	23.90	252	11422	0.382	ng		98
38) Dibenzo(a,h)anthracene	26.72	278	10378	0.407	ng		98
39) Benzo(g,h,i)perylene	27.53	276	10210	0.384	ng		97

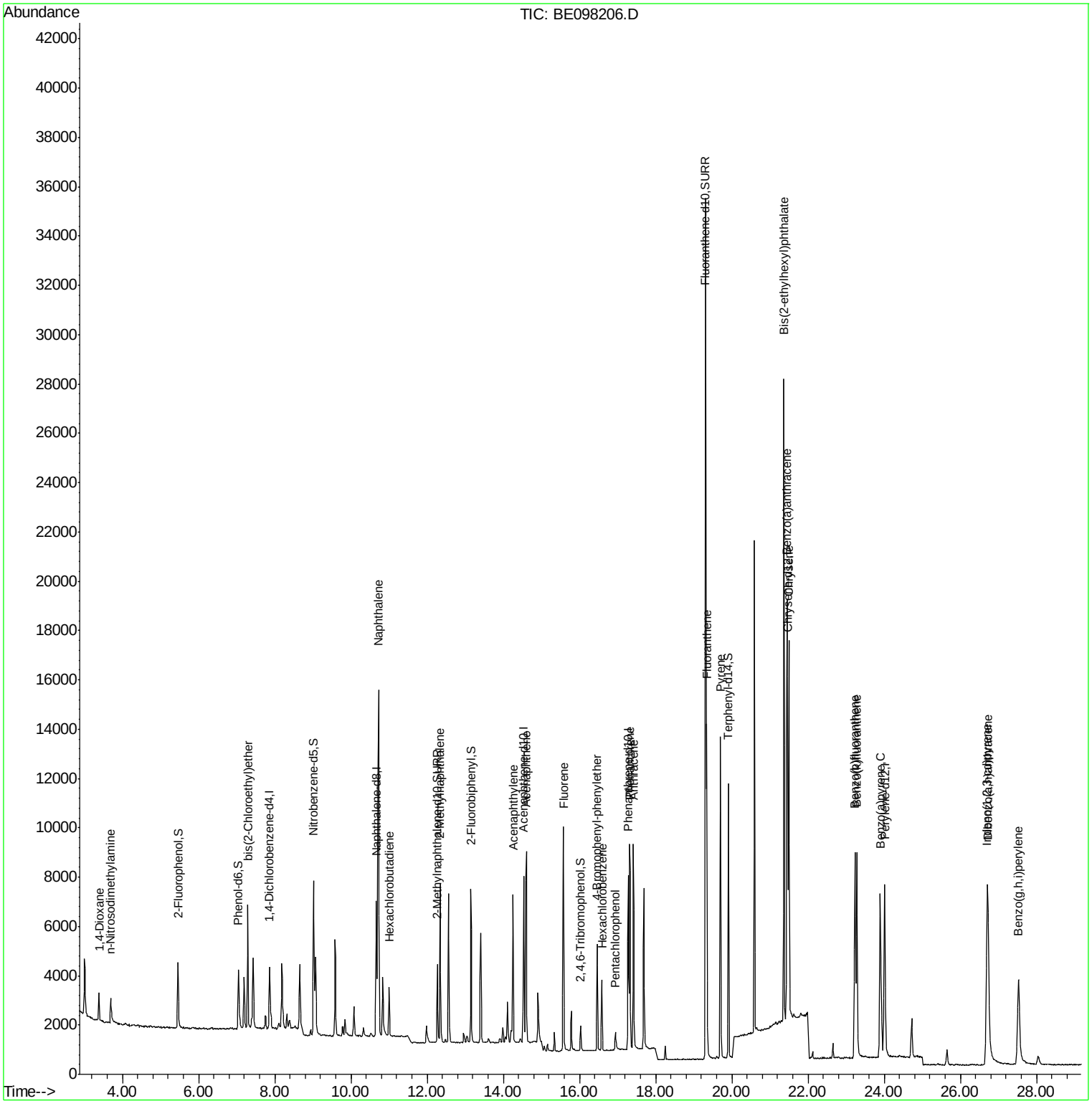
(#) = qualifier out of range (m) = manual integration (+) = signals summed

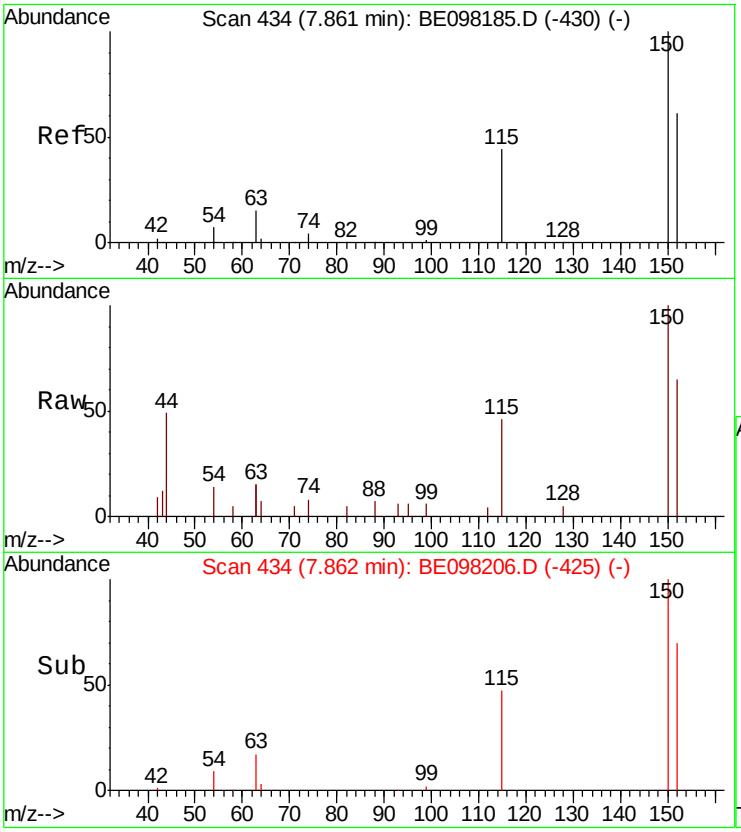
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098206.D
Acq On : 13 Nov 2018 1:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 13 03:51:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration



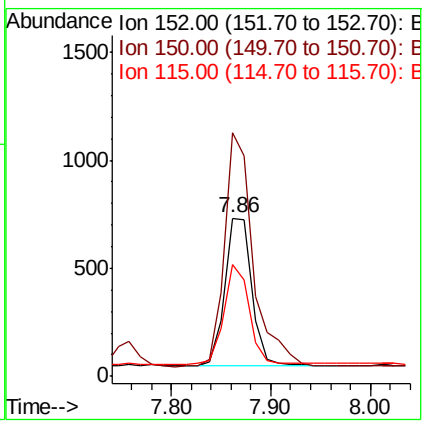


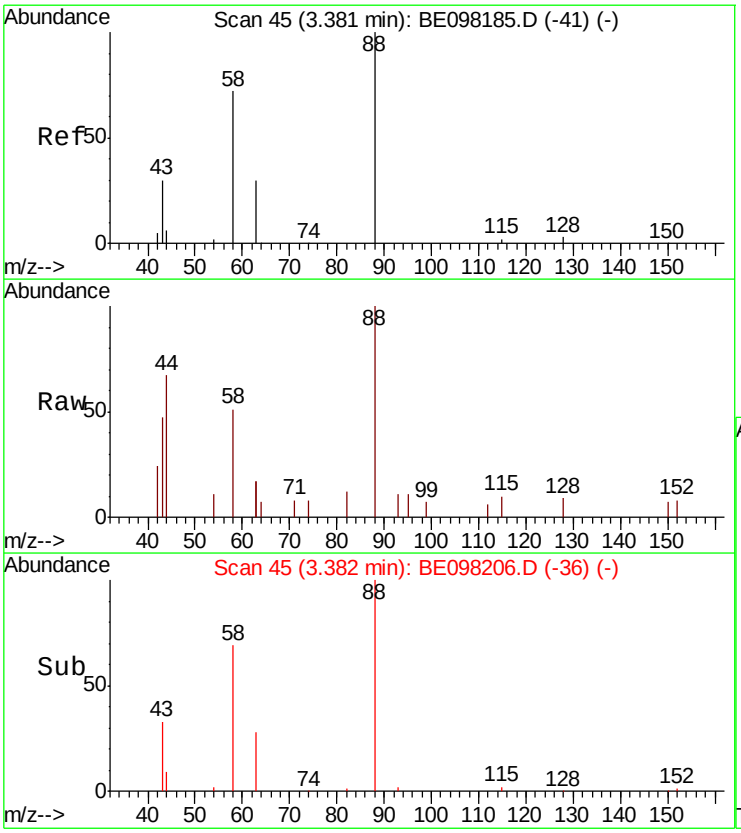
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1271

Ion	Ratio	Lower	Upper
152	100		
150	154.2	127.5	191.3
115	70.7	60.3	90.5

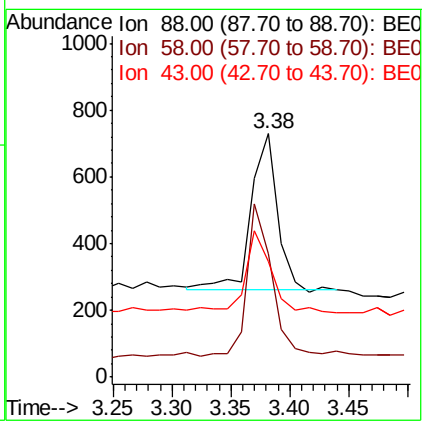


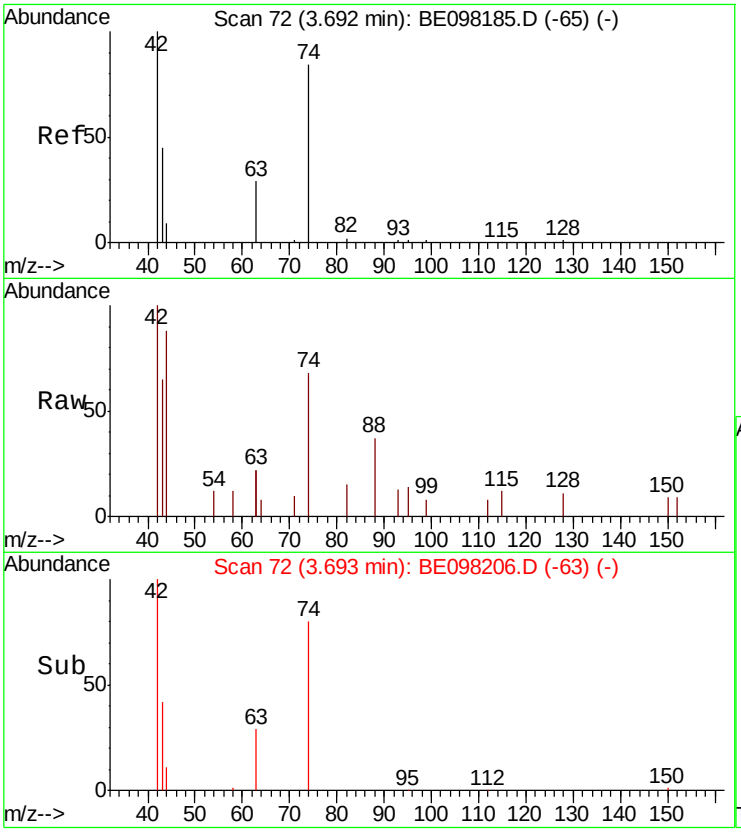


#2
1,4-Dioxane
Concen: 0.378 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion: 88 Resp: 723

Ion	Ratio	Lower	Upper
88	100		
58	92.4	79.0	118.4
43	54.2	38.1	57.1



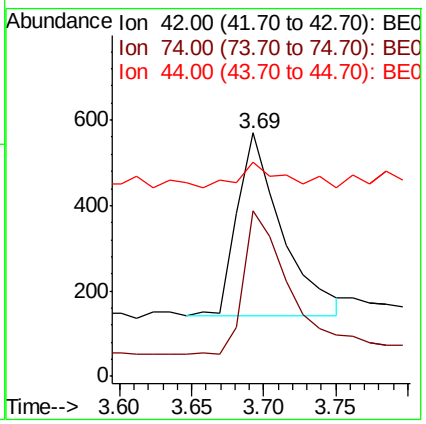


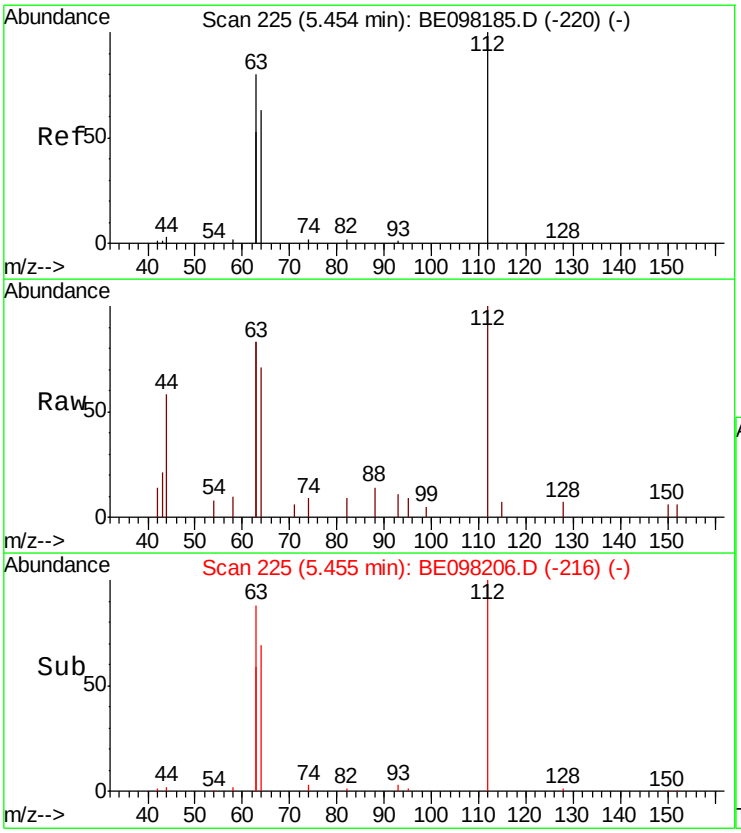
#3
n-Nitrosodimethylamine
Concen: 0.369 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 920

Ion	Ratio	Lower	Upper
42	100		
74	78.0	61.7	92.5
44	13.0	14.0	21.0#

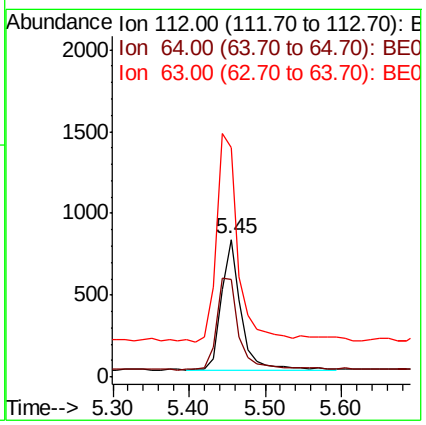


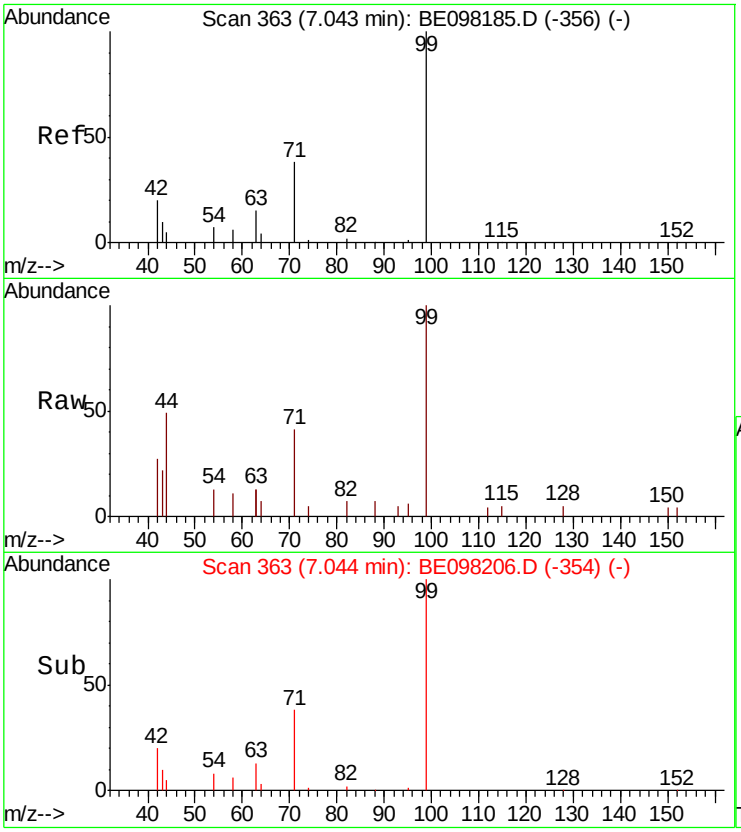


#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:112 Resp: 1428

Ion	Ratio	Lower	Upper
112	100		
64	79.0	61.7	92.5
63	174.8	136.2	204.2



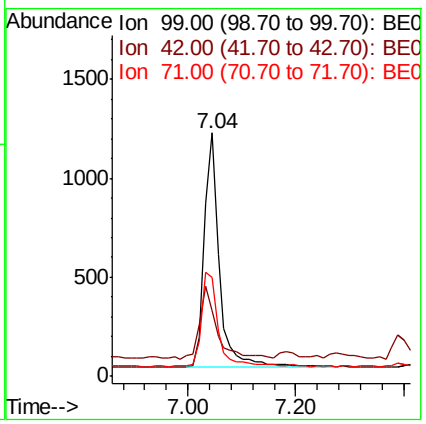


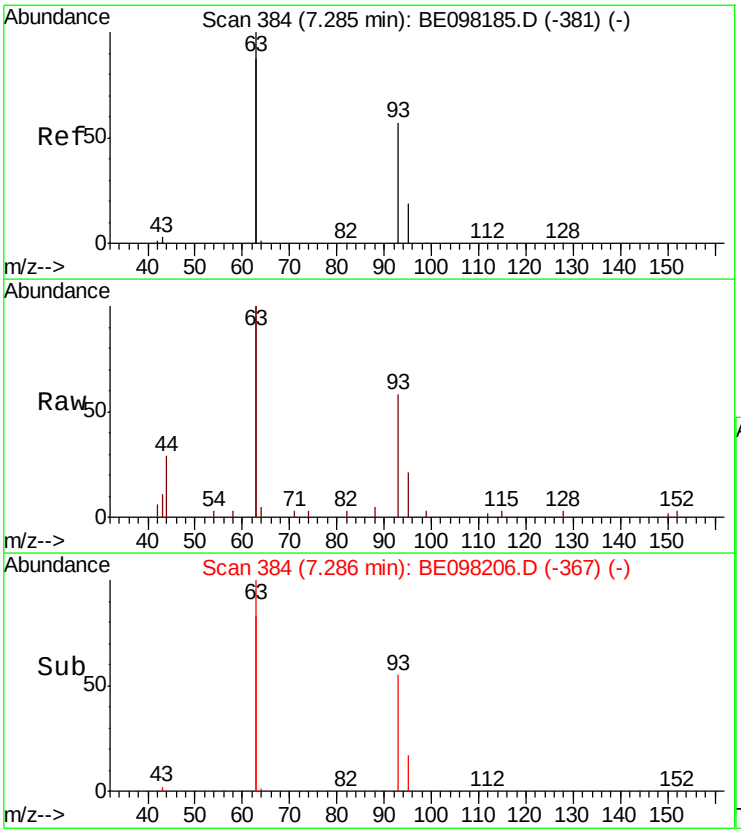
#5
Phenol-d6
Concen: 0.396 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2284

Ion	Ratio	Lower	Upper
99	100		
42	35.9	27.1	40.7
71	44.4	37.0	55.6

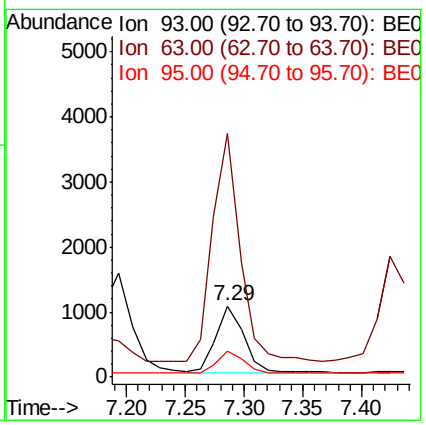


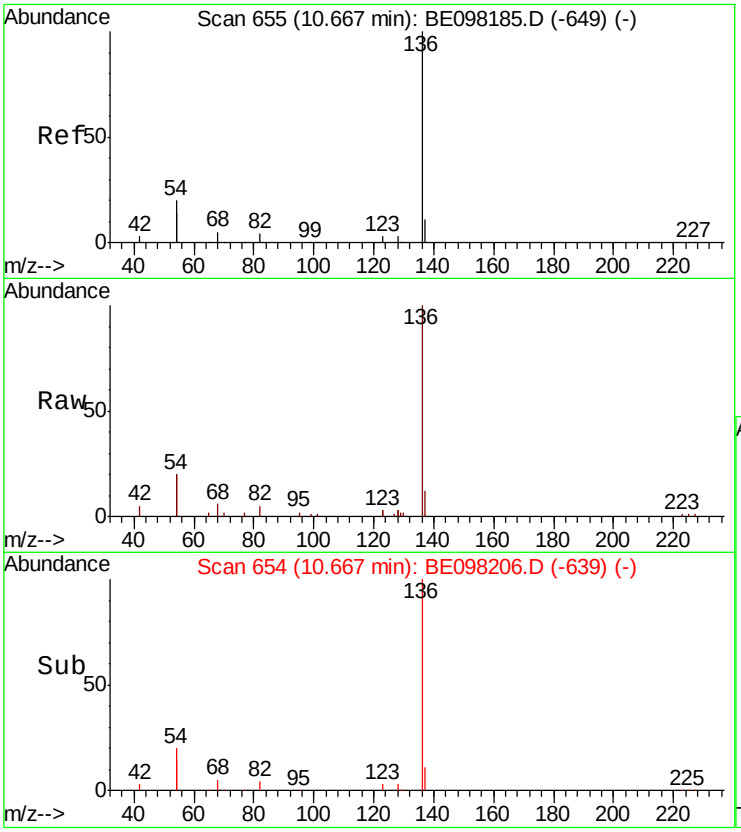


#6
bis(2-Chloroethyl)ether
Concen: 0.370 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion: 93 Resp: 1723

Ion	Ratio	Lower	Upper
93	100		
63	332.2	272.6	409.0
95	30.8	27.1	40.7



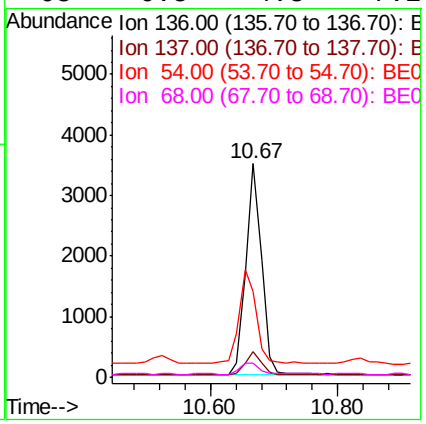


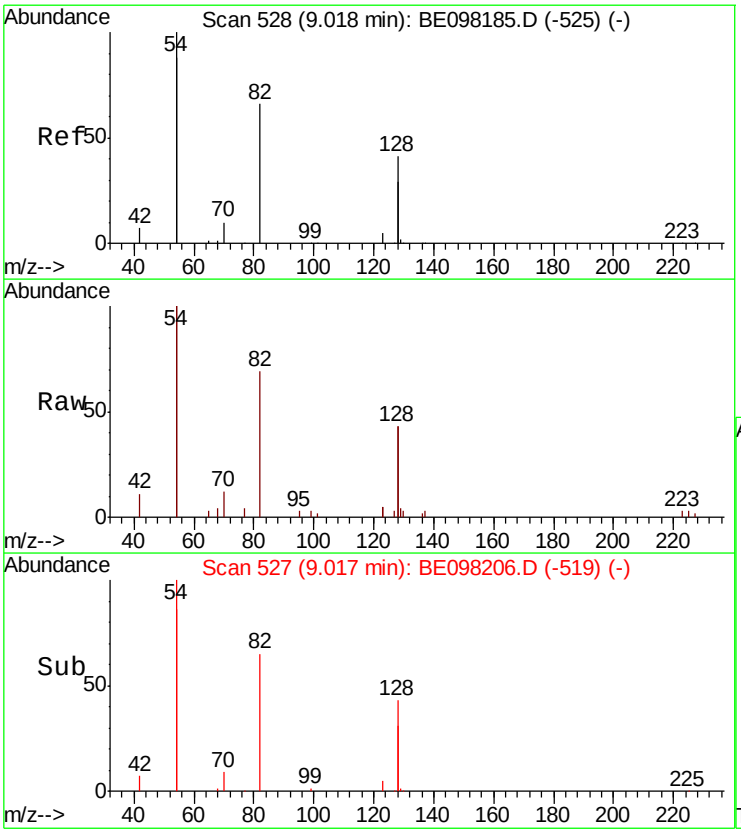
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 5994

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	39.9	31.3	46.9
68	6.5	4.8	7.2

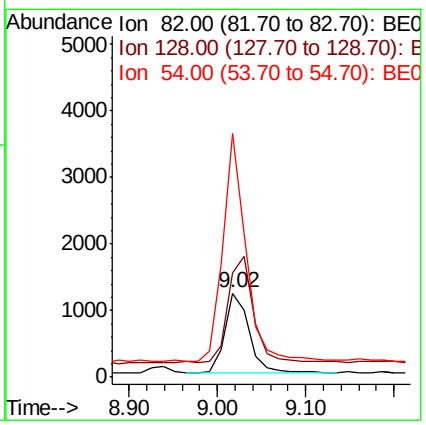


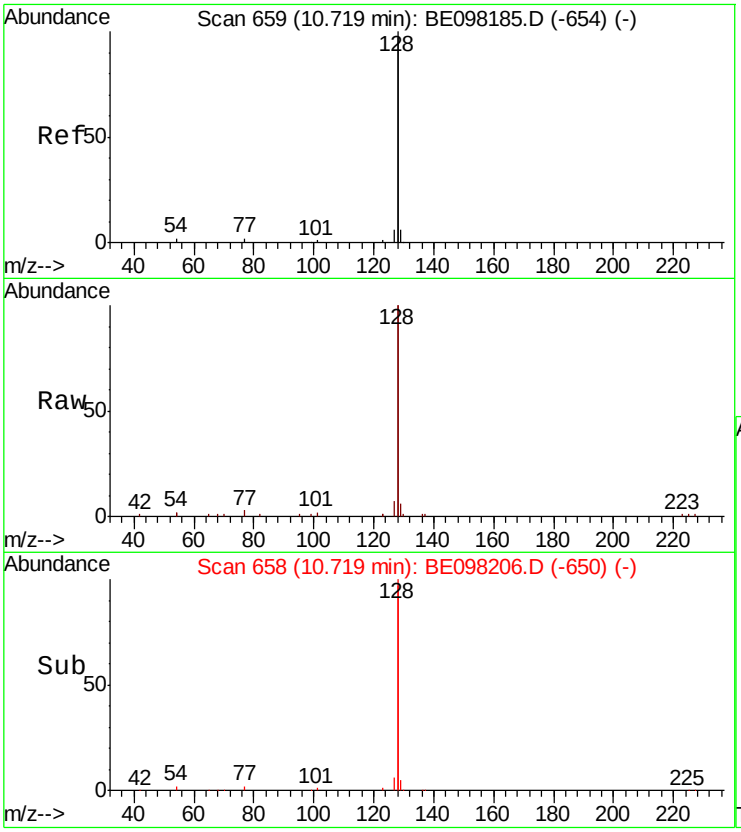


#8
Nitrobenzene-d5
Concen: 0.392 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion: 82 Resp: 2345

Ion	Ratio	Lower	Upper
82	100		
128	123.3	96.1	144.1
54	290.0	232.0	348.0



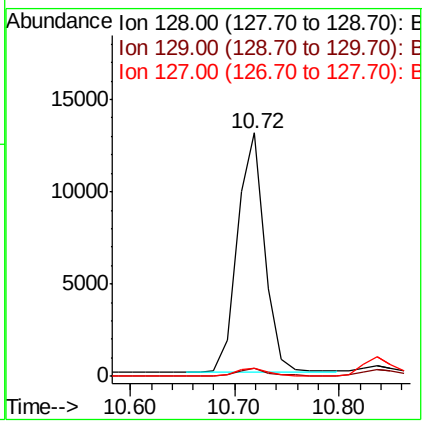


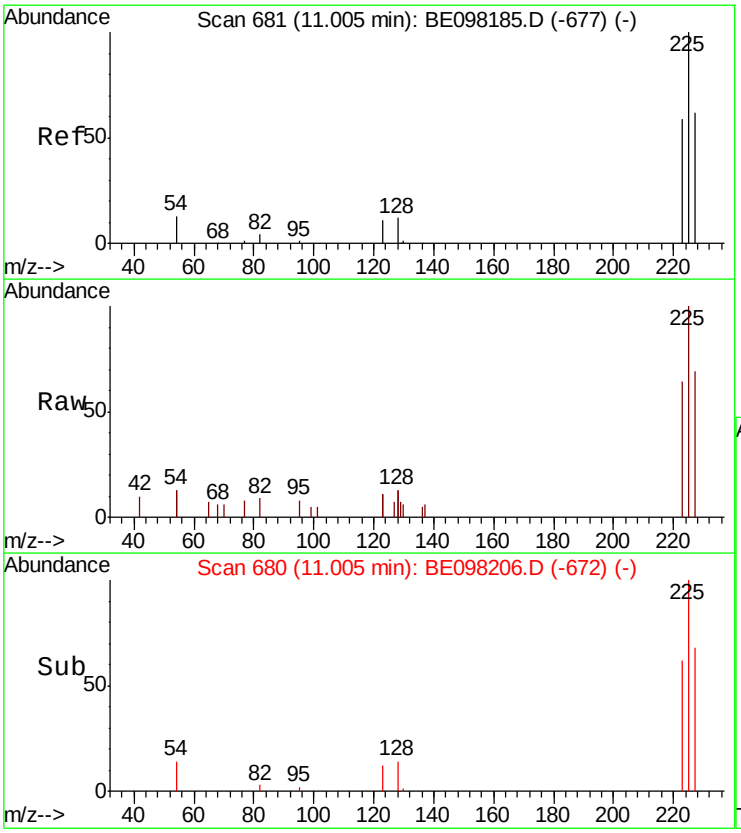
#9
Naphthalene
Concen: 0.386 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 23515

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	4.0
127	3.5	2.8	4.2

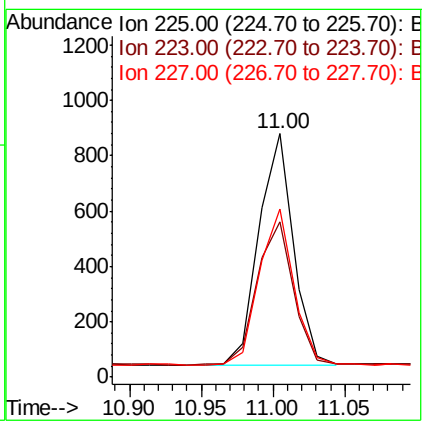


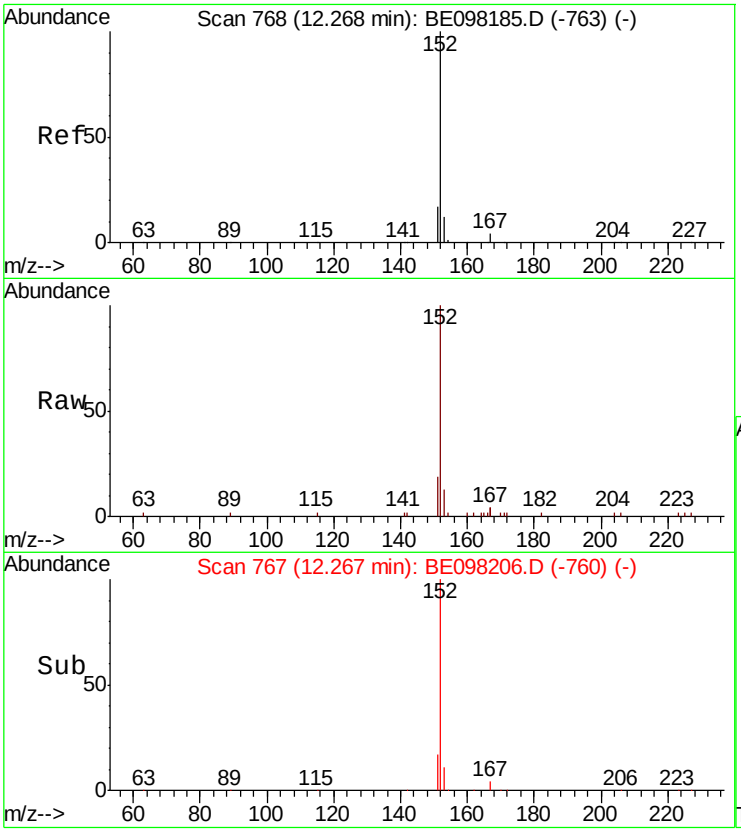


#10
Hexachlorobutadiene
Concen: 0.368 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:225 Resp: 1394

Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.5	75.7
227	68.1	50.3	75.5



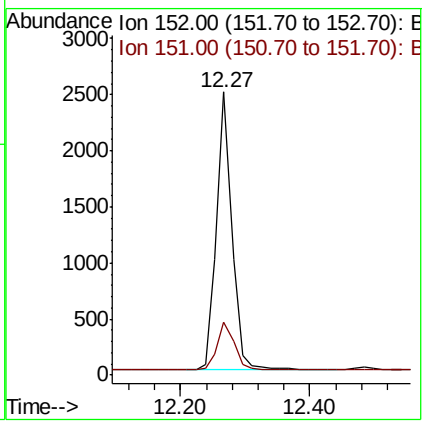


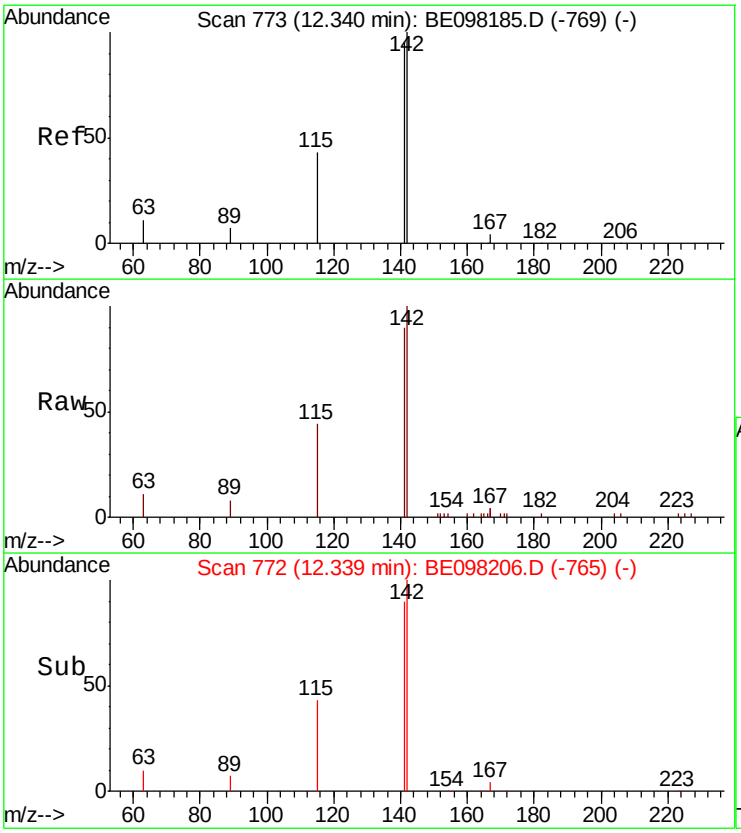
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4098

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

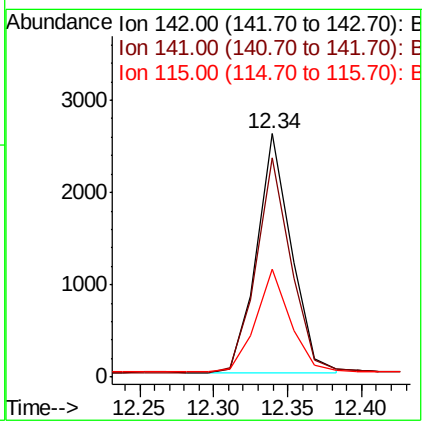


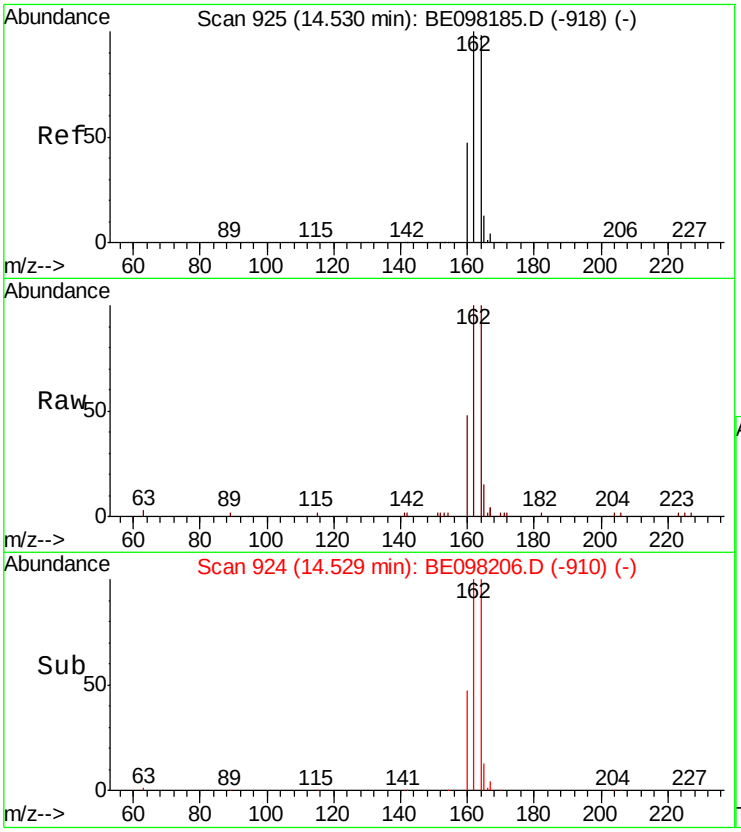


#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:142 Resp: 4186

Ion	Ratio	Lower	Upper
142	100		
141	90.3	76.3	114.5
115	44.2	35.8	53.8



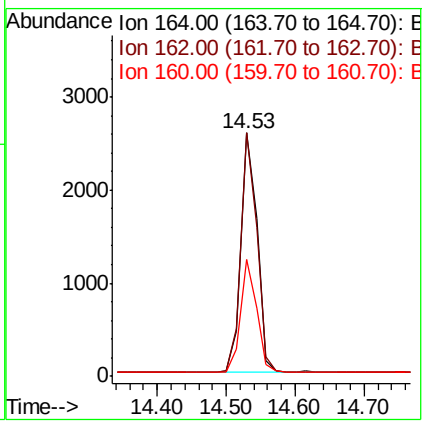


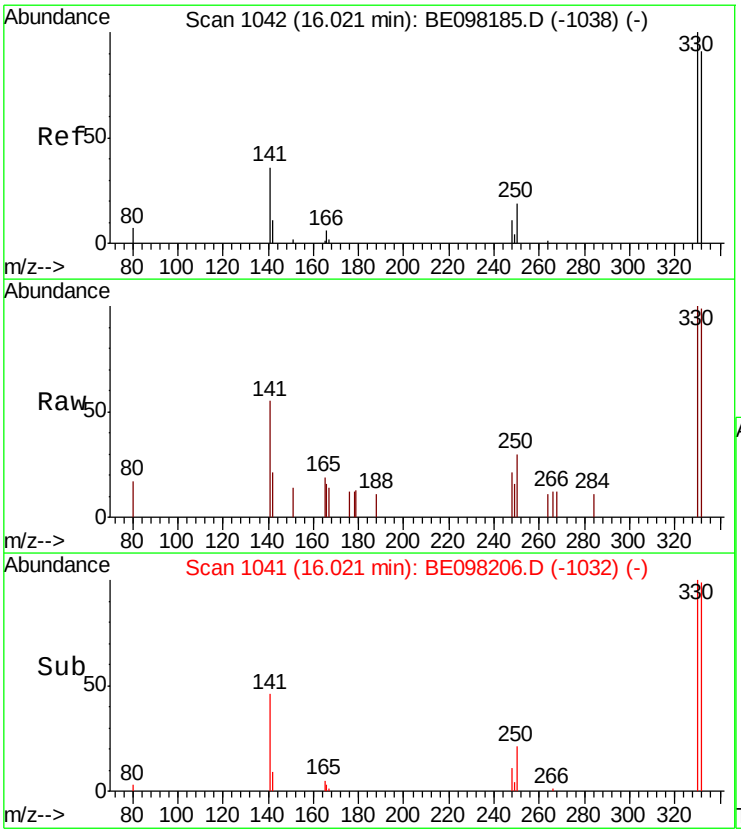
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 4185

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.8	122.6
160	48.0	39.4	59.0

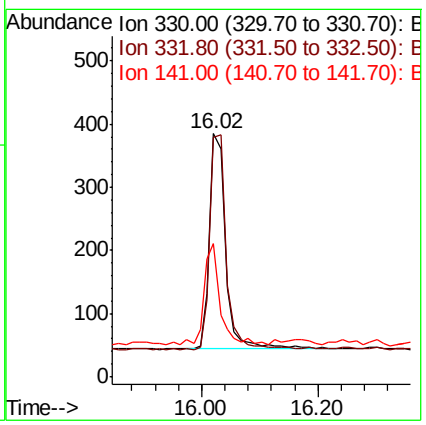


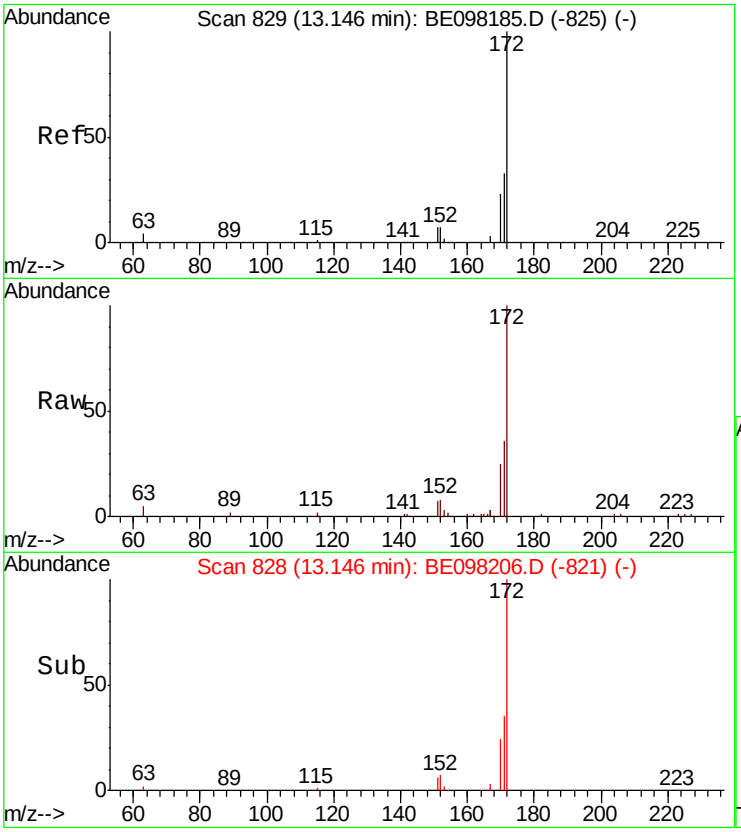


#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:330 Resp: 660

Ion	Ratio	Lower	Upper
330	100		
332	100.5	77.7	116.5
141	45.3	33.6	50.4



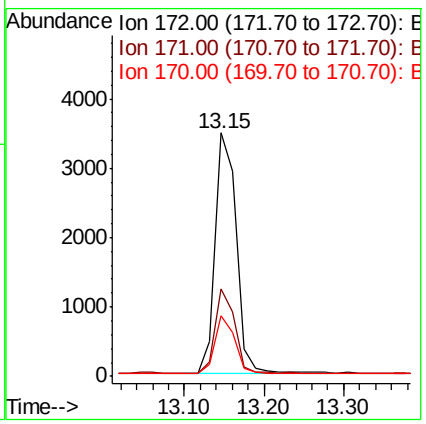


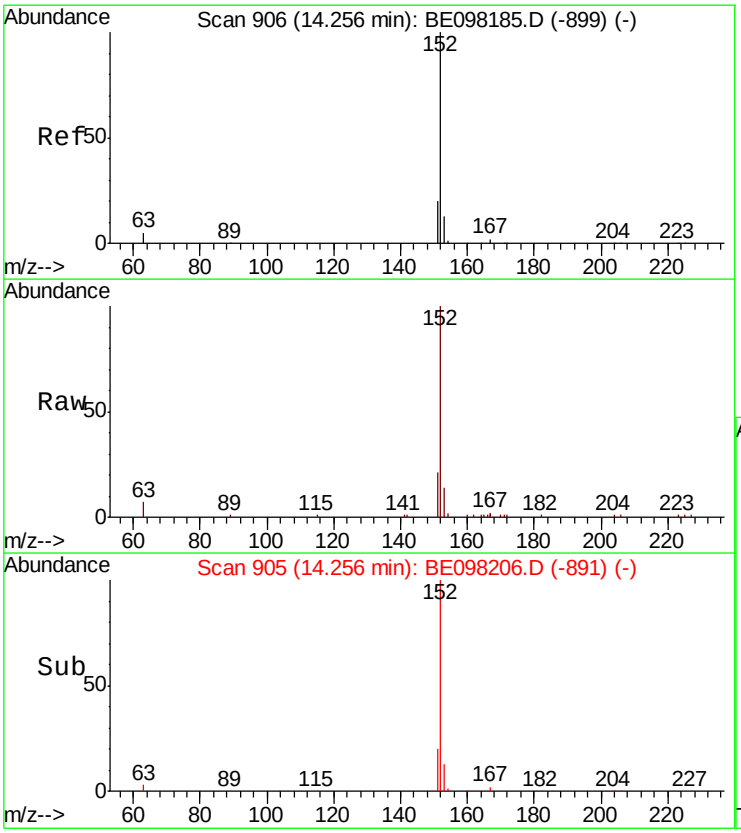
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 6393

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.3	40.9
170	24.8	19.4	29.0

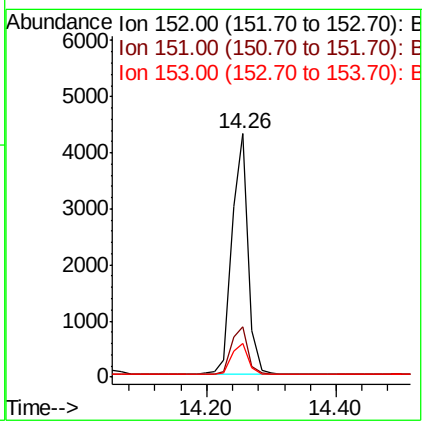


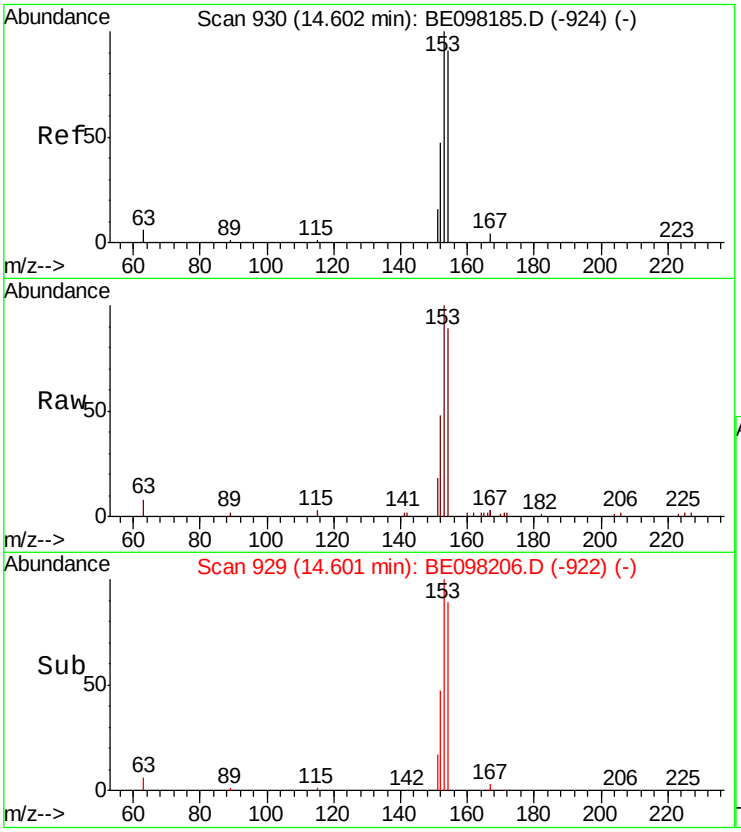


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:152 Resp: 7402

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.3	10.6	15.8



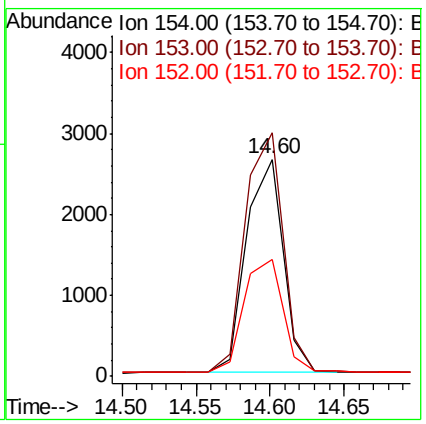


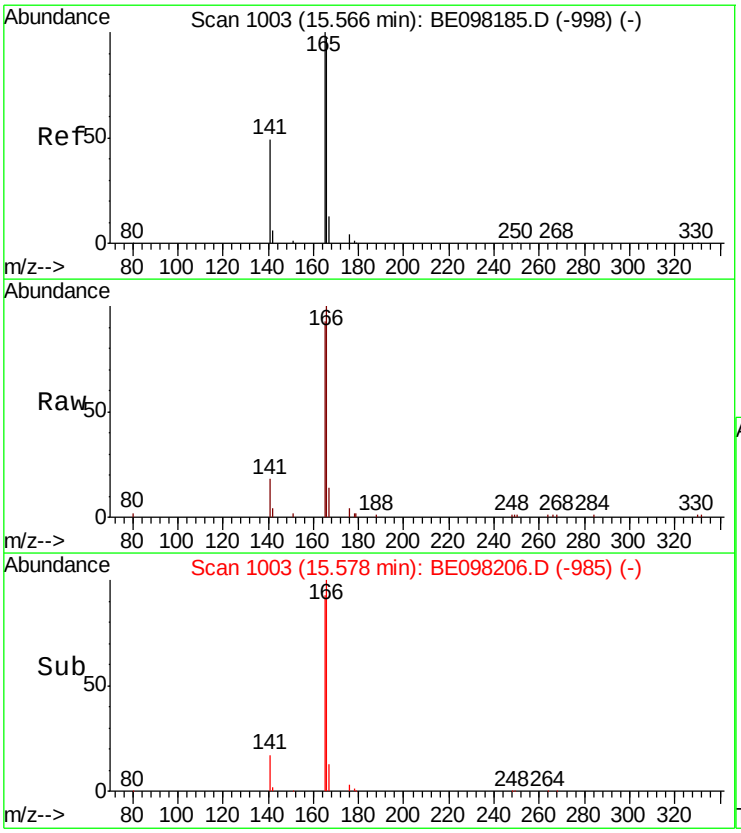
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 4531

Ion	Ratio	Lower	Upper
154	100		
153	116.3	92.1	138.1
152	56.6	46.2	69.2

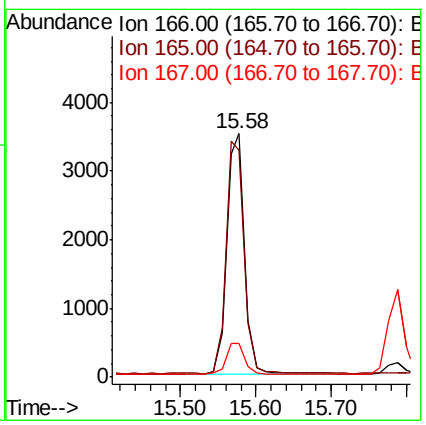


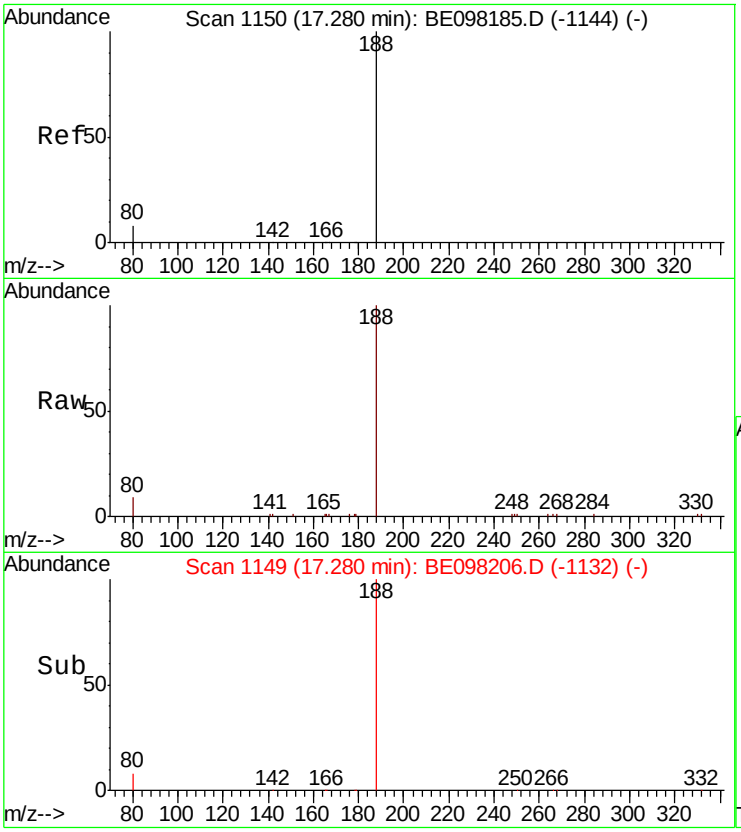


#18
Fluorene
Concen: 0.386 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:166 Resp: 5797

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.1	120.1
167	13.3	10.8	16.2



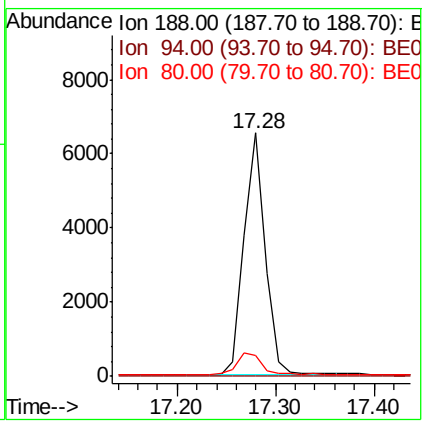


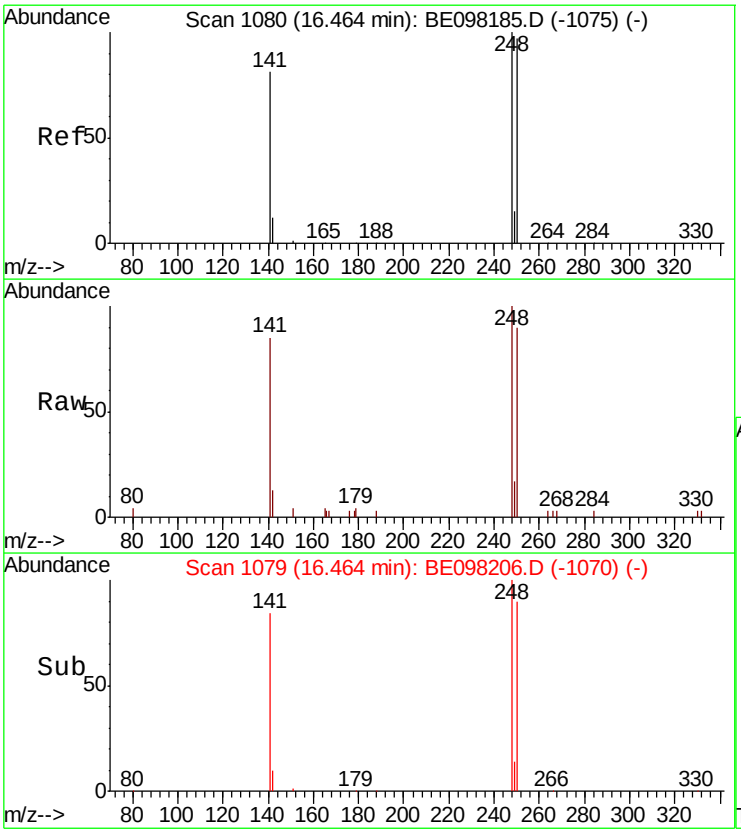
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 9746

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.7	10.1

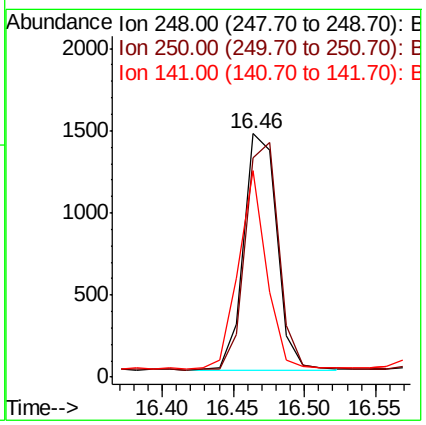


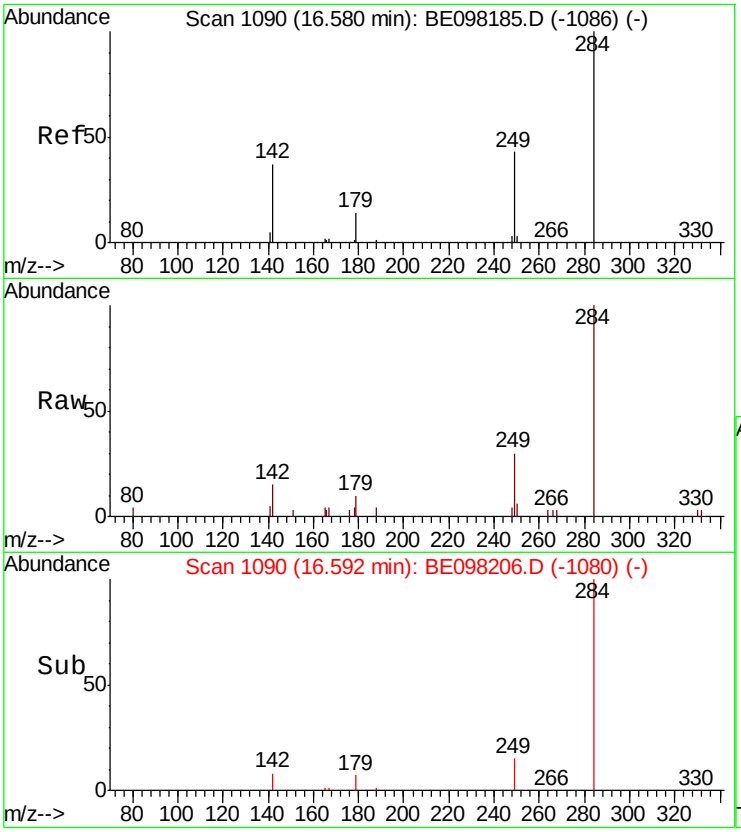


#20
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:248 Resp: 2325

Ion	Ratio	Lower	Upper
248	100		
250	90.2	77.6	116.4
141	85.0	65.8	98.8



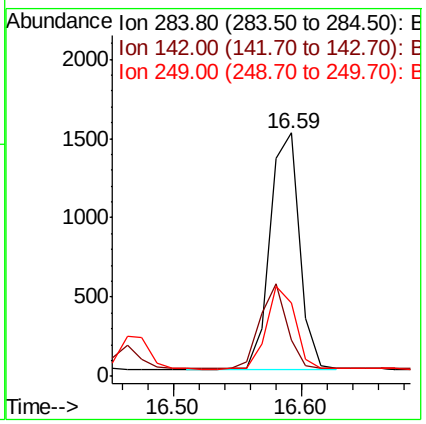


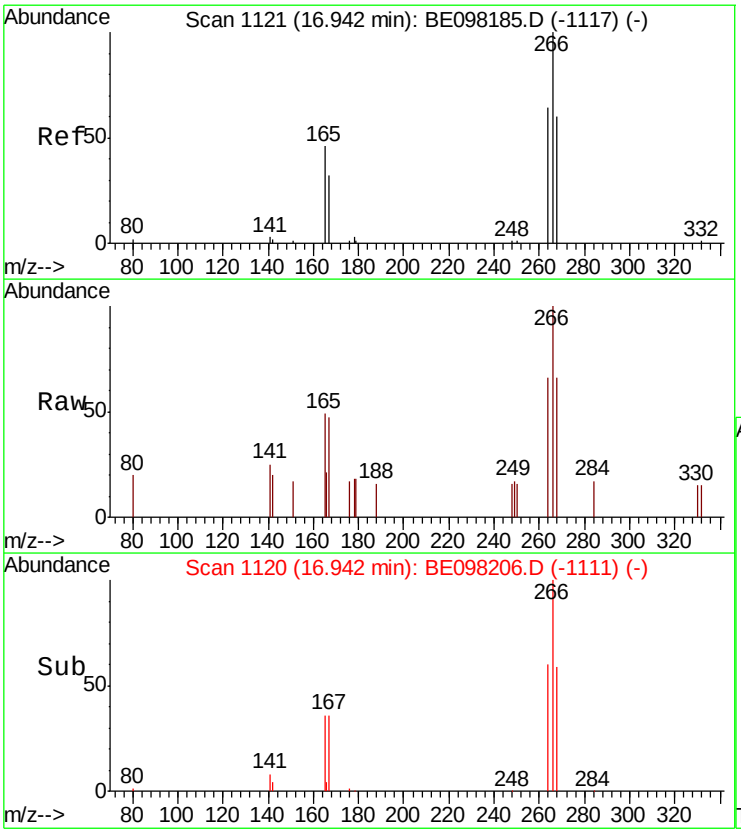
#21
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2399

Ion	Ratio	Lower	Upper
284	100		
142	33.1	26.5	39.7
249	34.5	28.4	42.6

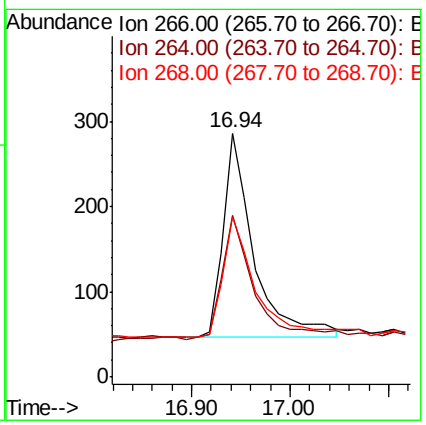


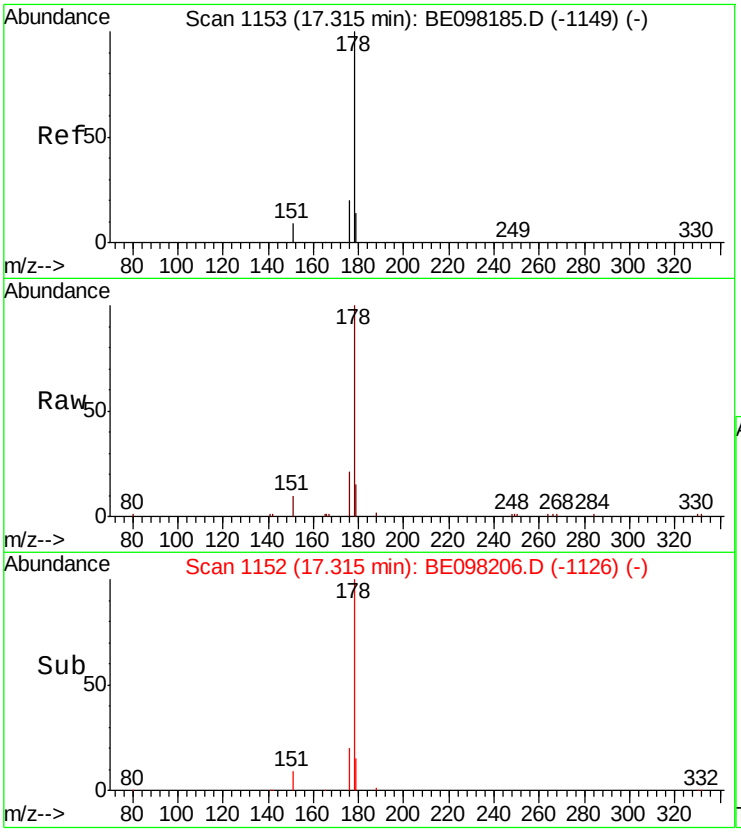


#22
Pentachlorophenol
Concen: 0.449 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:266 Resp: 509

Ion	Ratio	Lower	Upper
266	100		
264	66.4	57.6	86.4
268	65.7	56.8	85.2



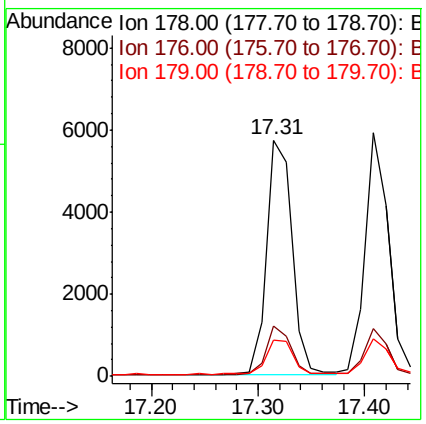


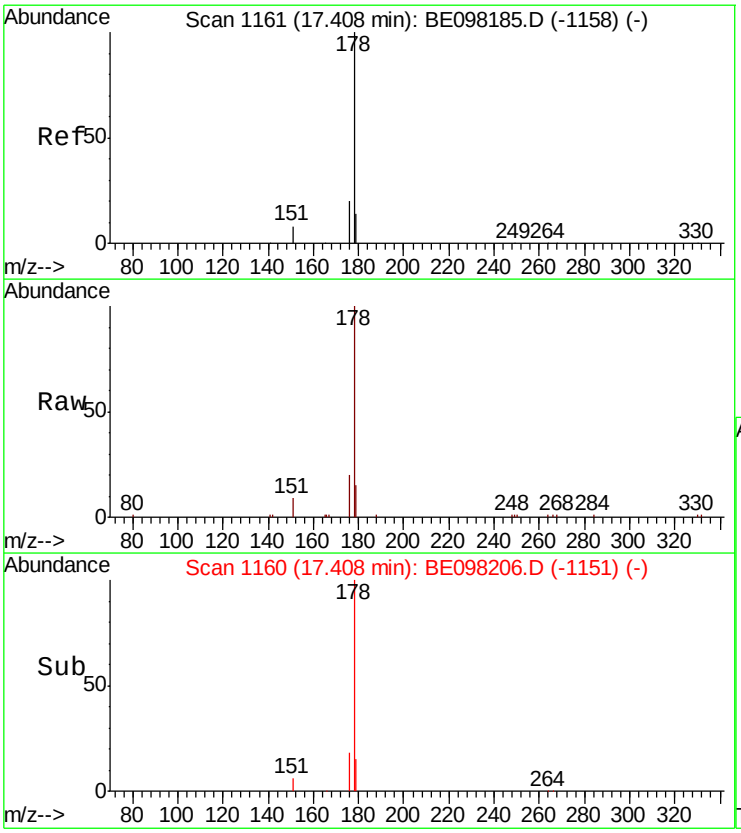
#23
Phenanthrene
Concen: 0.389 ng
RT: 17.31 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 9455

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	12.3	18.5

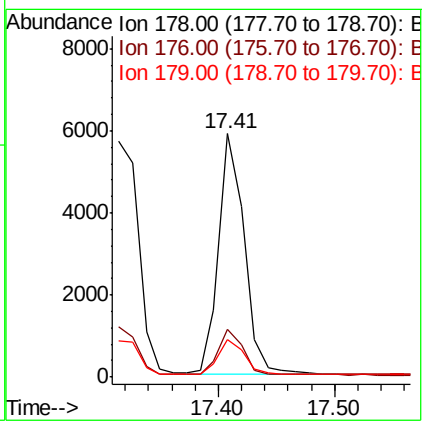


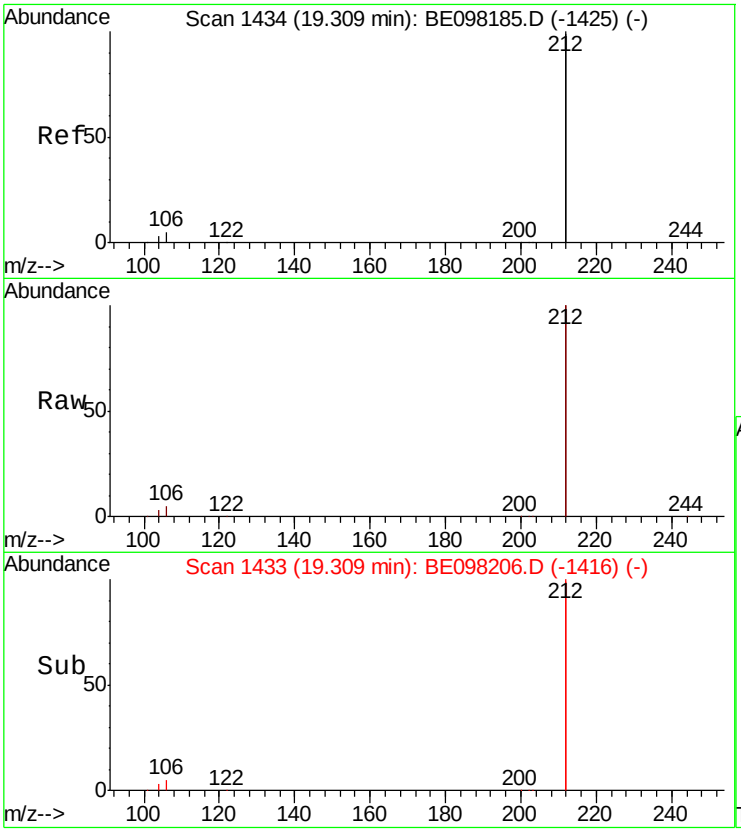


#24
Anthracene
Concen: 0.392 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:178 Resp: 8860

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	14.8	12.1	18.1



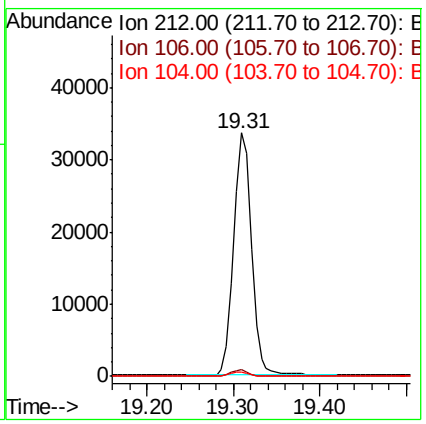


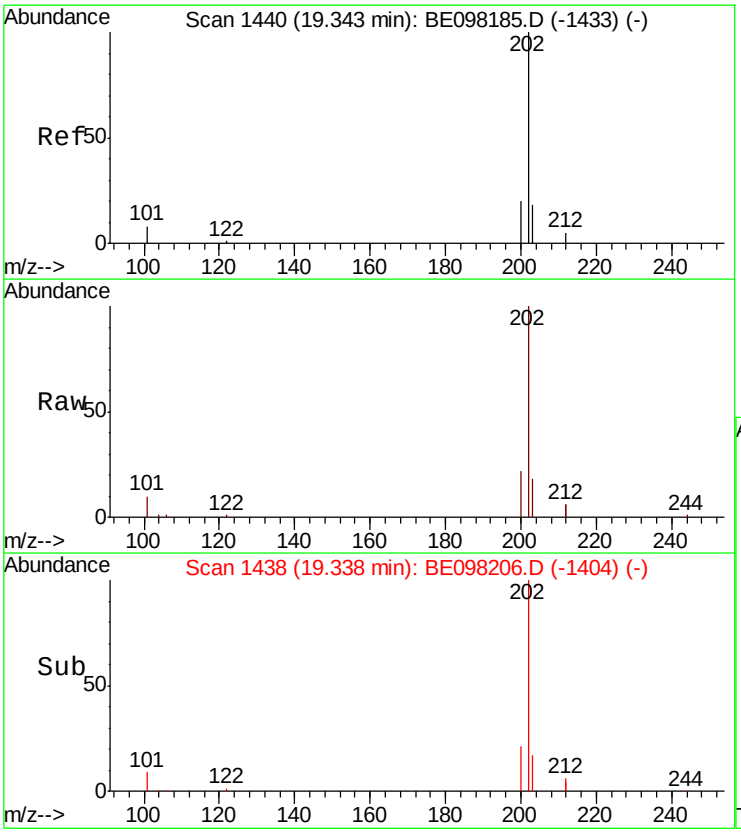
#25
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 47225

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.5	1.1	1.7

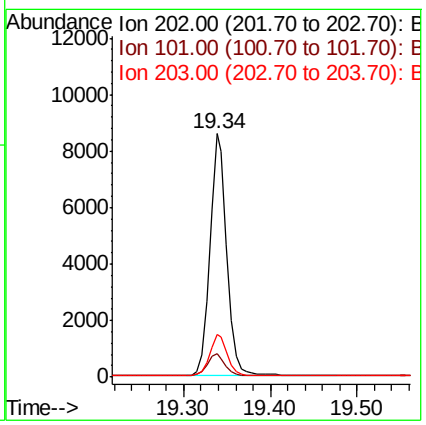


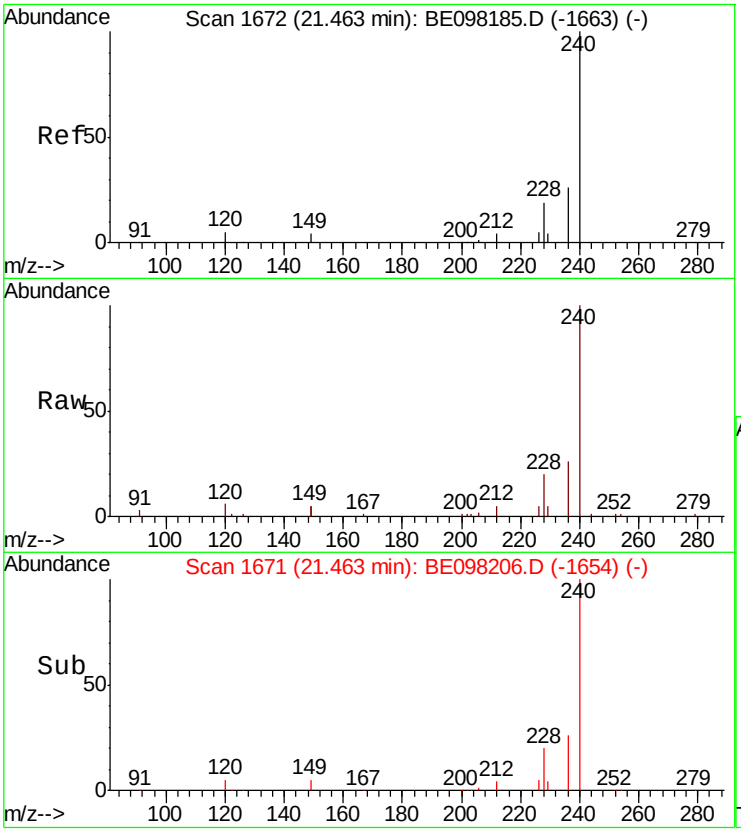


#26
Fluoranthene
Concen: 0.390 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:202 Resp: 11737

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.0	10.6
203	17.4	13.7	20.5



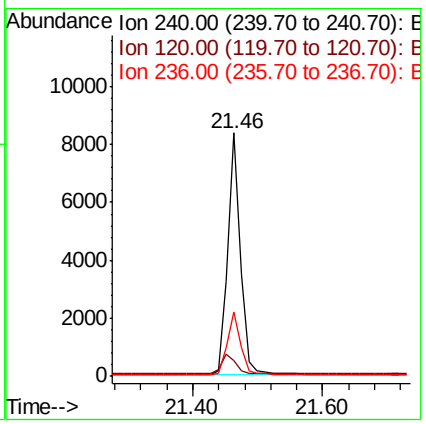


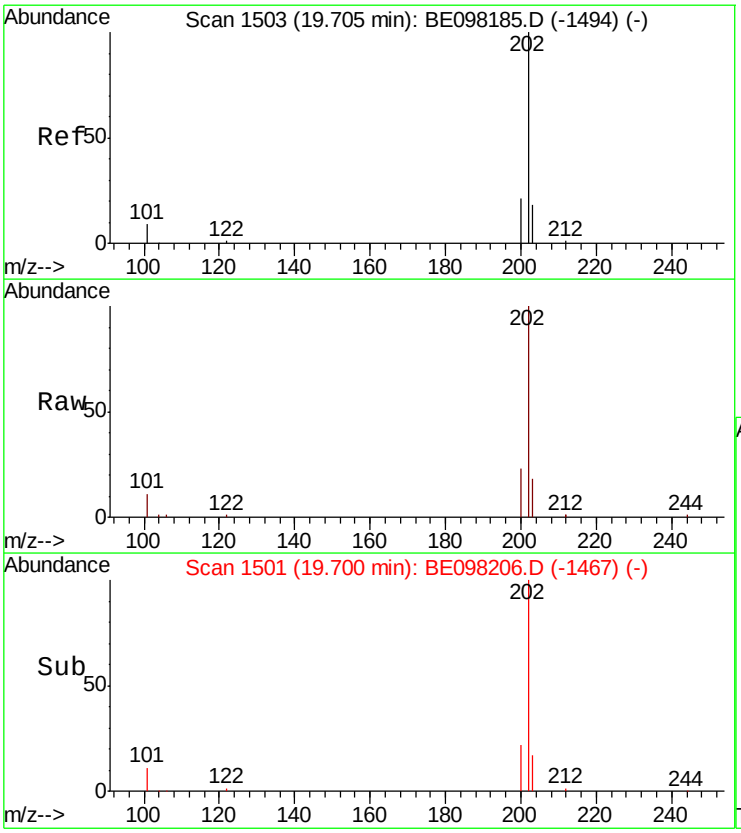
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 11712

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.8	7.2
236	26.4	21.4	32.0

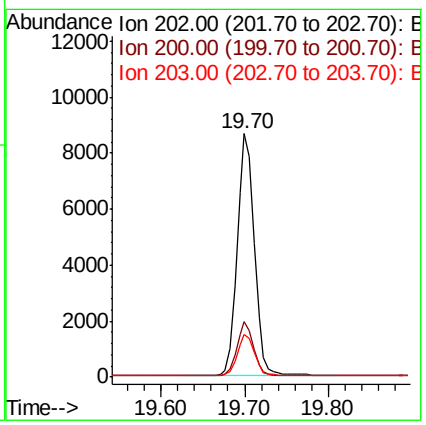


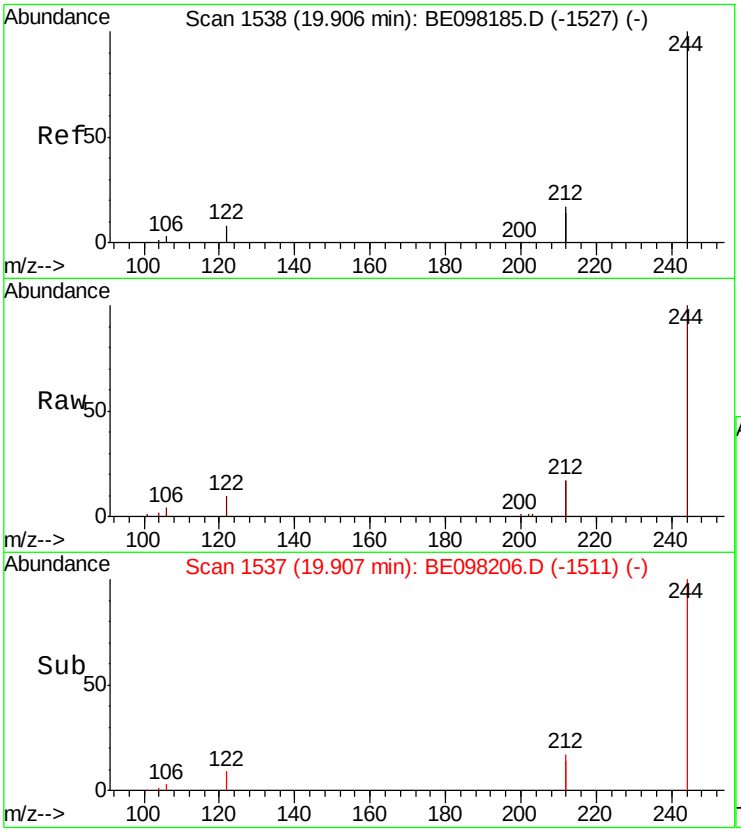


#28
Pyrene
Concen: 0.382 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:202 Resp: 12326

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.2	14.2	21.4



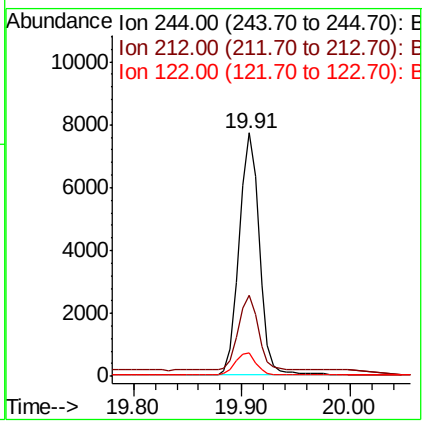


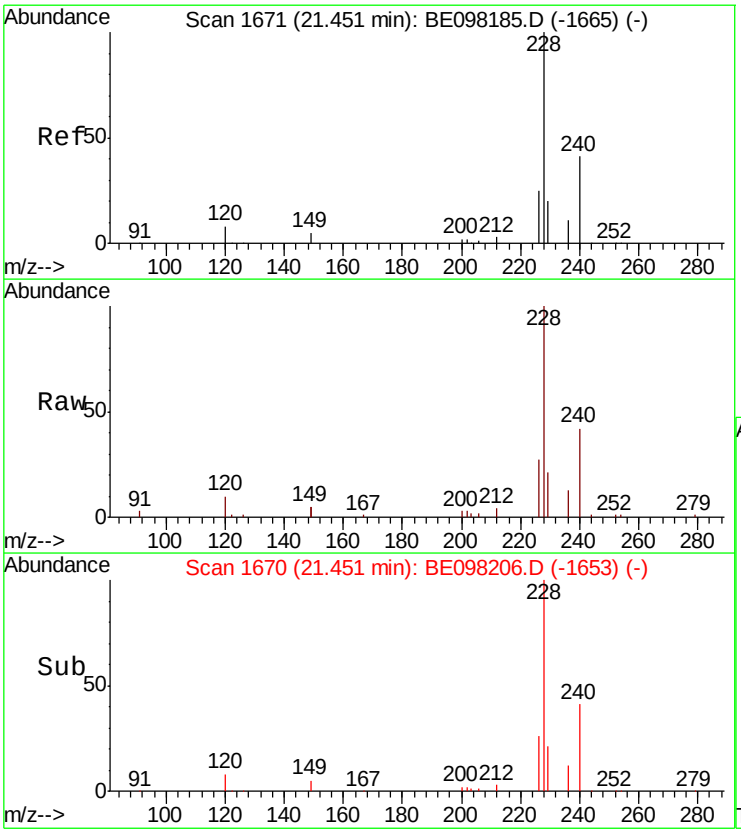
#29
Terphenyl-d14
Concen: 0.370 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 9840

Ion	Ratio	Lower	Upper
244	100		
212	33.5	26.8	40.2
122	9.7	7.0	10.6

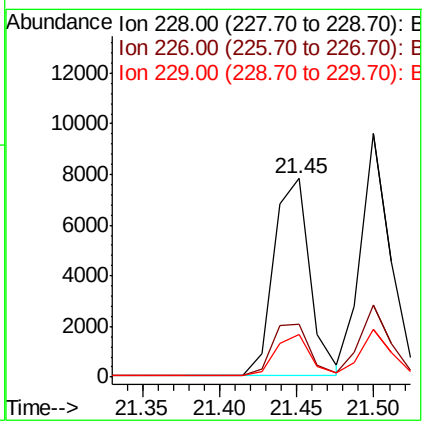


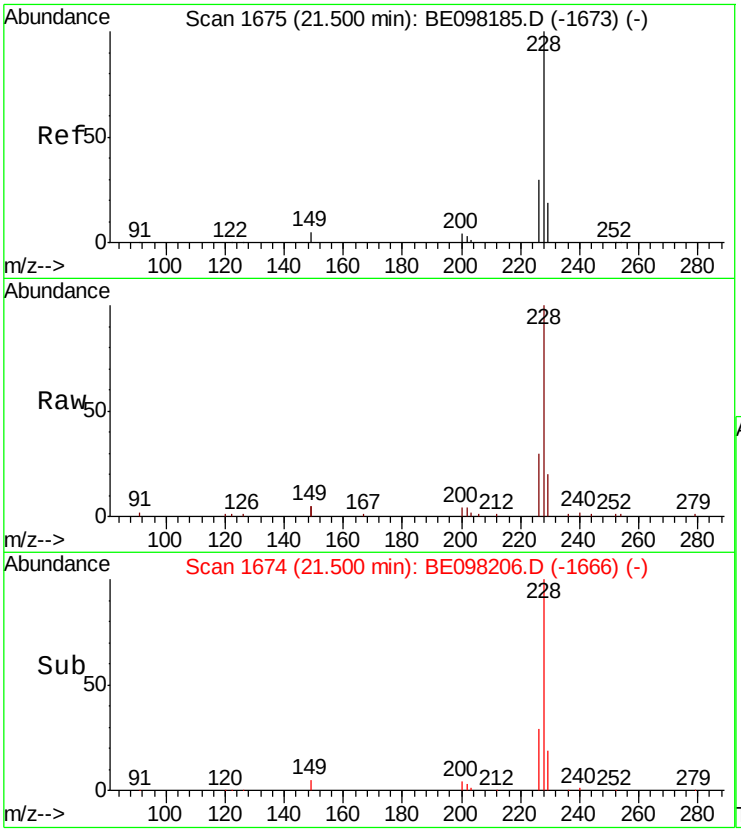


#30
Benzo(a)anthracene
Concen: 0.382 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:228 Resp: 12712

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.7	31.1
229	21.3	16.2	24.4



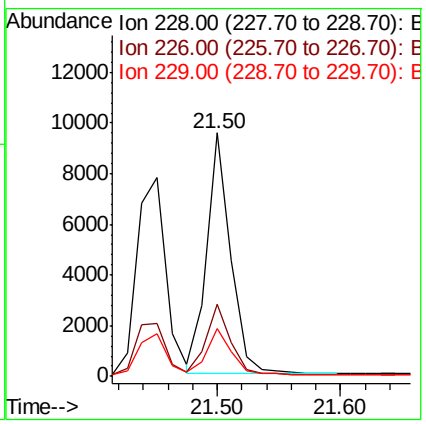


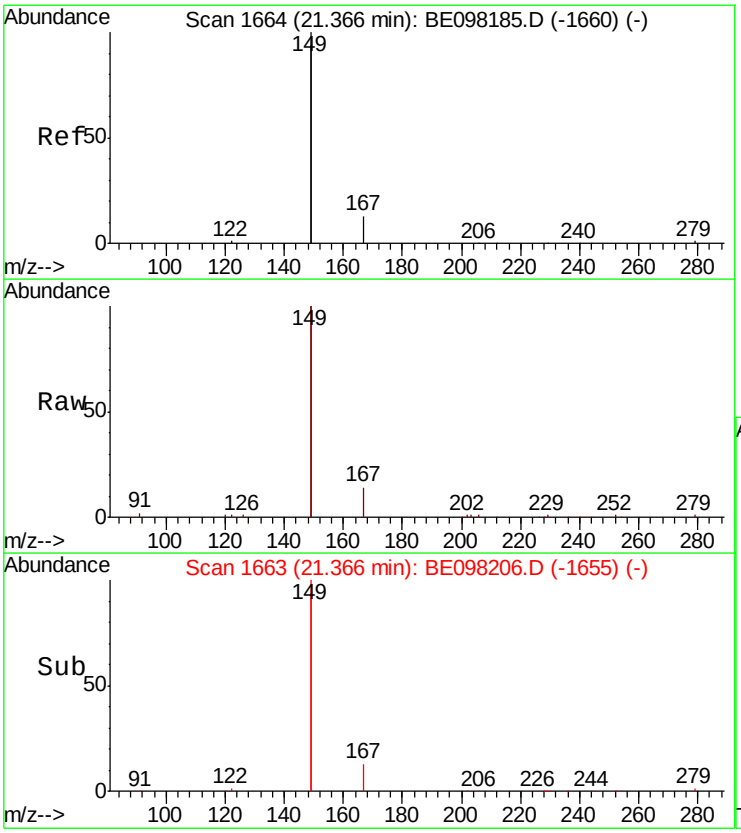
#31
Chrysene
Concen: 0.380 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 12853

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	36.8
229	19.7	16.0	24.0

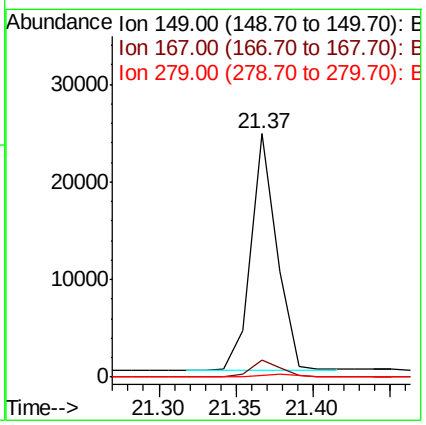


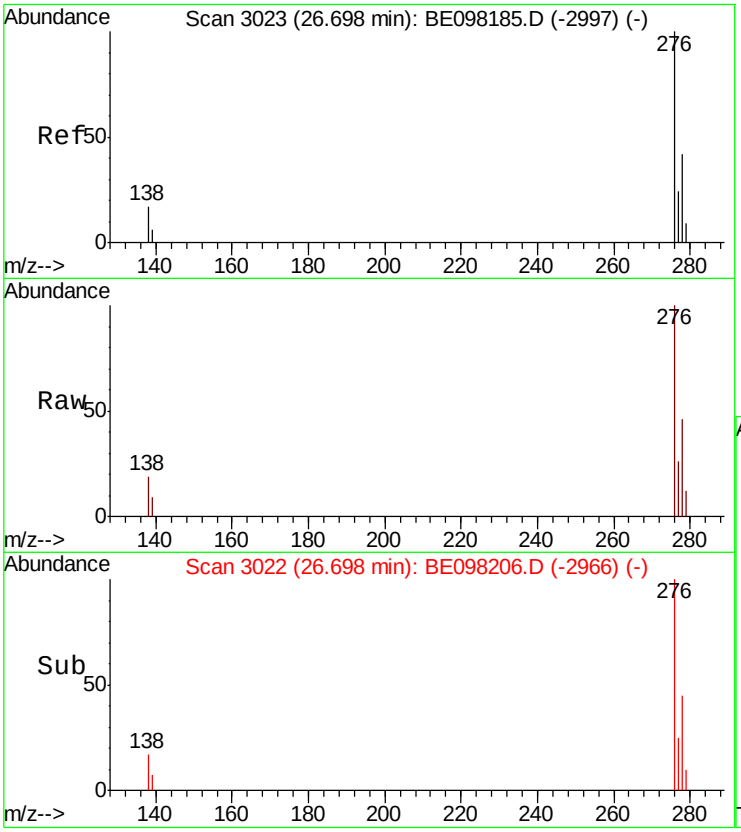


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.412 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:149 Resp: 28456

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.6	8.4
279	1.0	0.9	1.3



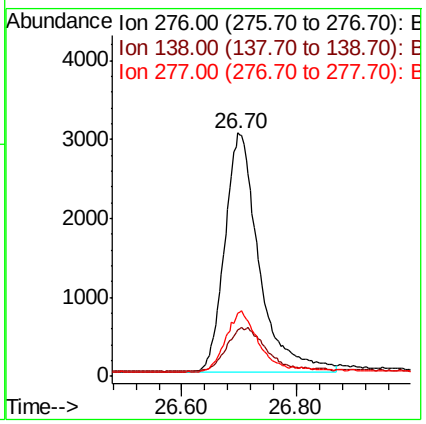


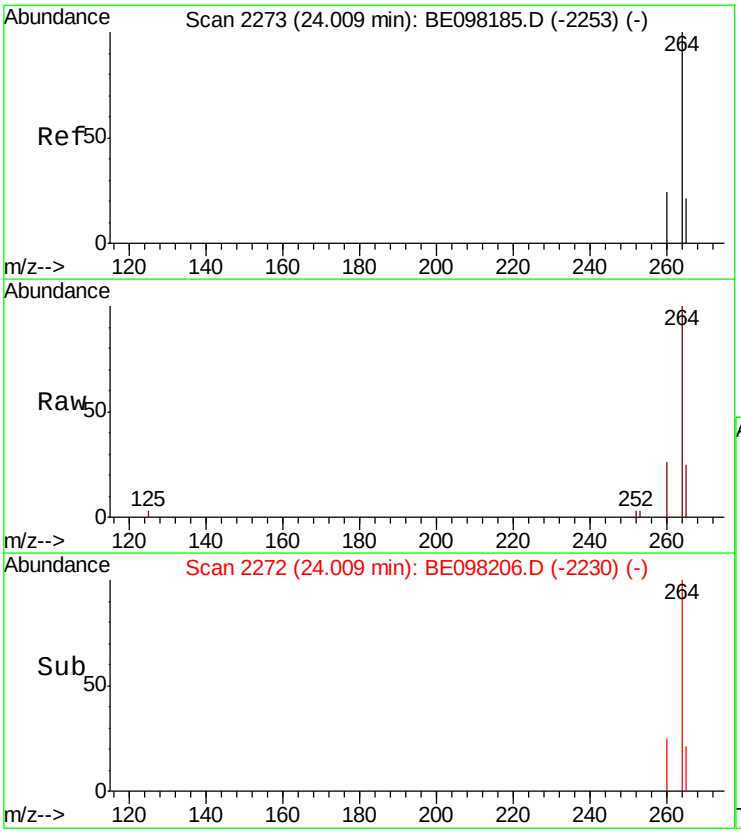
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 26.70 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12588

Ion	Ratio	Lower	Upper
276	100		
138	20.3	6.4	9.6#
277	23.7	18.9	28.3

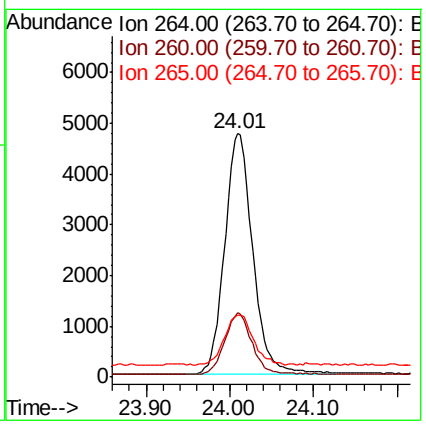


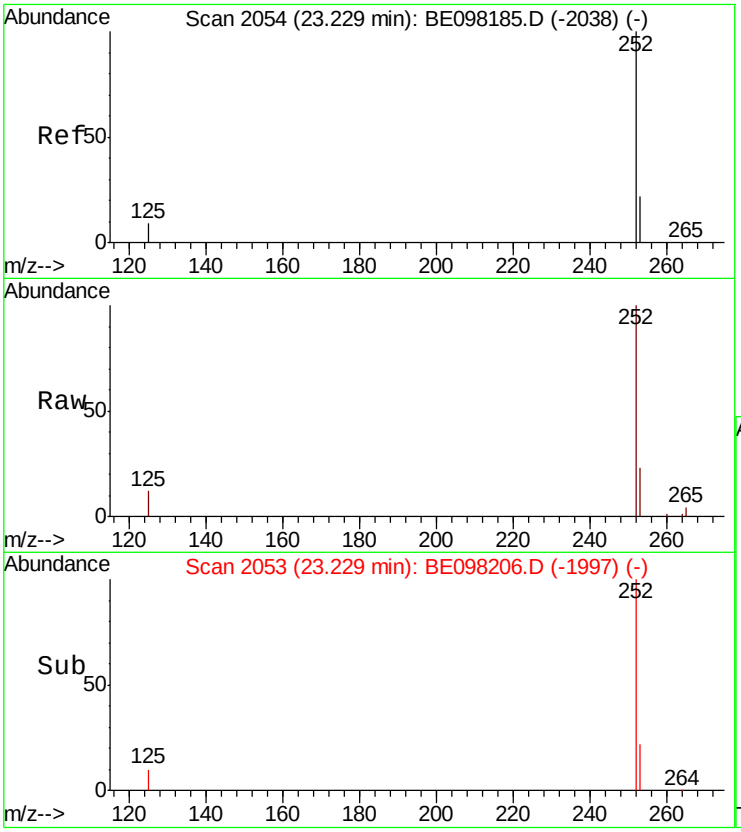


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:264 Resp: 10990

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.9	29.9
265	25.4	21.3	31.9



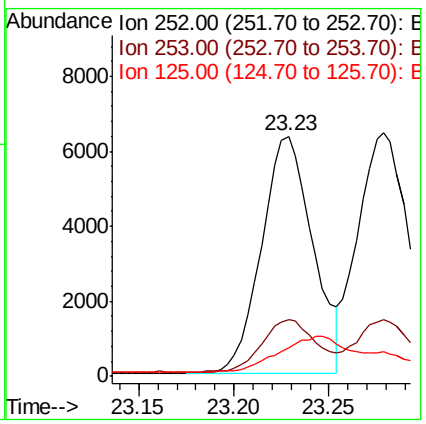


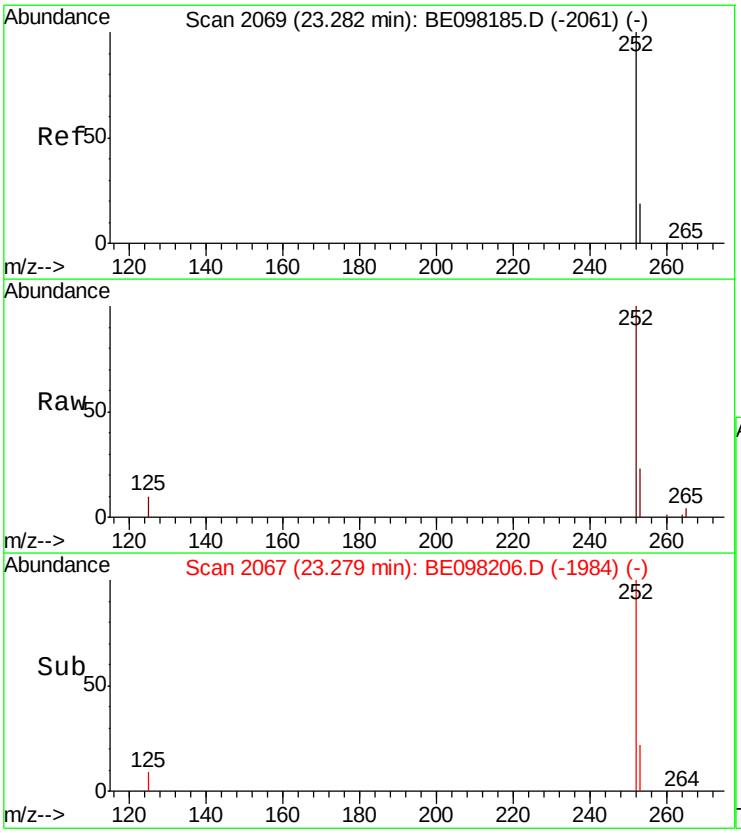
#35
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 23.23 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11826

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.4	29.0
125	11.8	8.6	12.8

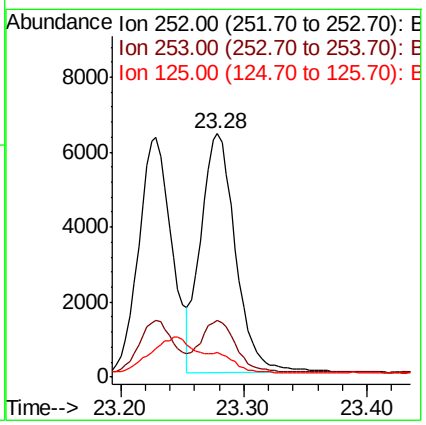


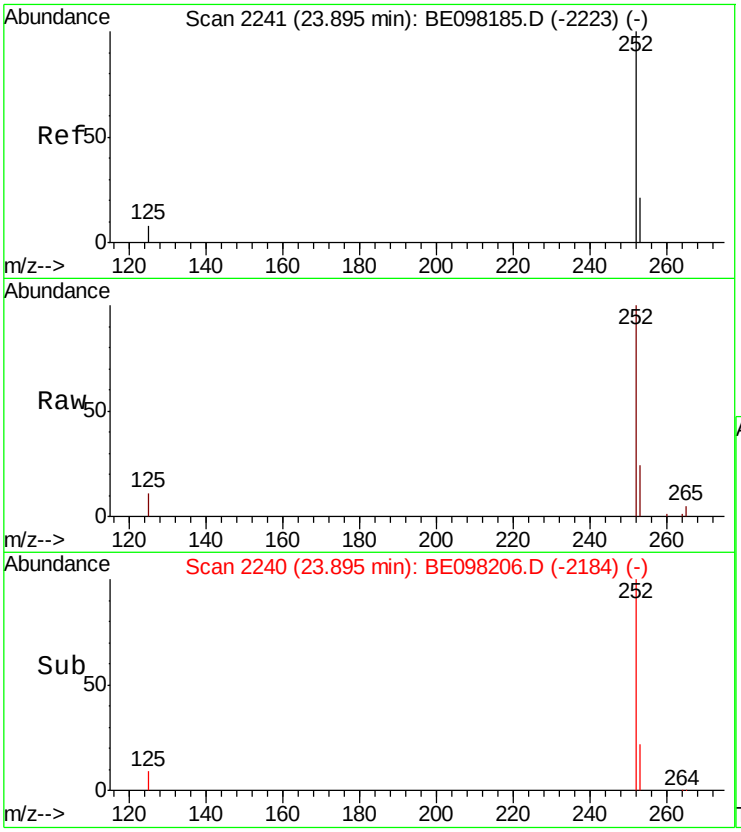


#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:252 Resp: 12467

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	28.0
125	10.1	7.4	11.0



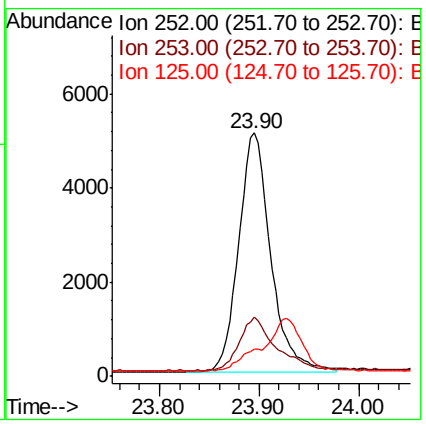


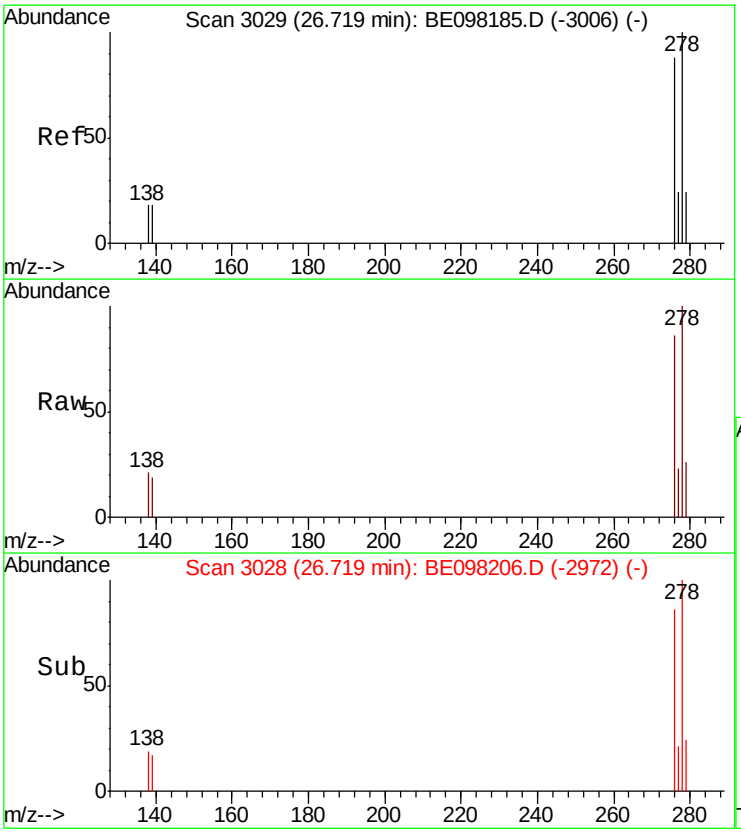
#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.90 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11422

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.6	27.8
125	11.0	8.0	12.0

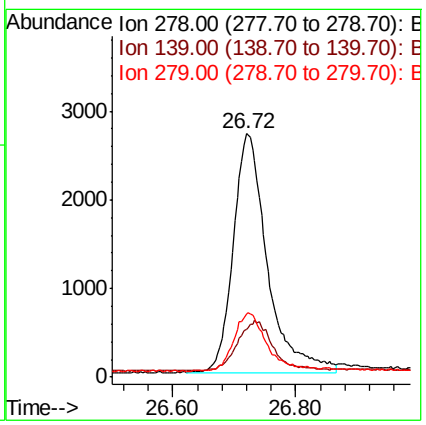


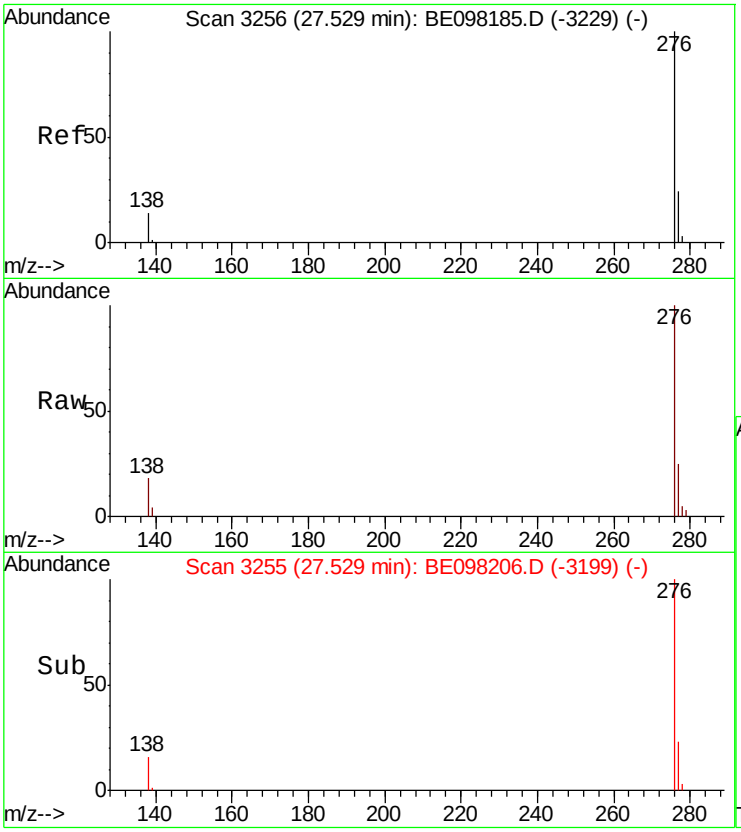


#38
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 26.72 min Scan# 3028
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:278 Resp: 10378

Ion	Ratio	Lower	Upper
278	100		
139	19.5	16.4	24.6
279	25.8	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 27.53 min Scan# 3255
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10210

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.4	30.6
138	18.1	13.2	19.8