Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
Data File : BE098379.D
Acq On : 13 Dec 2018 2:11
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 13 05:54:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1180	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	5103	0.40	ng		-0.01
13) Acenaphthene-d10	14.53	164	3328	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	9105	0.40	ng		-0.01
27) Chrysene-d12	21.46	240	10922	0.40	ng		0.00
34) Perylene-d12	24.00	264	10532	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1012	0.37	ng		0.01
5) Phenol-d6	7.04	99	1425	0.36	ng		0.00
8) Nitrobenzene-d5	9.03	82	1776	0.38	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	3212	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	483	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	5070	0.36	ng		0.00
25) Fluoranthene-d10	19.30	212	45501	0.39	ng		0.00
29) Terphenyl-d14	19.90	244	8593	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	757	0.371	ng		98
3) n-Nitrosodimethylamine	3.69	42	466	0.254	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	1199	0.323	ng		88
9) Naphthalene	10.70	128	20148	0.392	ng		100
10) Hexachlorobutadiene	10.99	225	1369	0.419	ng		98
12) 2-Methylnaphthalene	12.34	142	3108	0.372	ng		99
16) Acenaphthylene	14.24	152	6062	0.389	ng		99
17) Acenaphthene	14.59	154	3597	0.384	ng		97
18) Fluorene	15.57	166	4784	0.382	ng		100
20) 4-Bromophenyl-phenylether	16.46	248	1733	0.354	ng	#	84
21) Hexachlorobenzene	16.58	284	2039	0.387	ng		97
22) Pentachlorophenol	16.94	266	250	0.307	ng		92
23) Phenanthrene	17.32	178	8257	0.373	ng		99
24) Anthracene	17.41	178	6763	0.343	ng		99
26) Fluoranthene	19.33	202	11648	0.398	ng		98
28) Pyrene	19.70	202	11897	0.347	ng		99
30) Benzo(a)anthracene	21.44	228	11431	0.368	ng		99
31) Chrysene	21.50	228	12278	0.377	ng		99
32) Bis(2-ethylhexyl)phthalate	21.35	149	20470	0.324	ng		99
33) Indeno(1,2,3-cd)pyrene	26.68	276	12652	0.390	ng	#	69
35) Benzo(b)fluoranthene	23.27	252	13167	0.457	ng		96
36) Benzo(k)fluoranthene	23.27	252	13355	0.398	ng		98
37) Benzo(a)pyrene	23.89	252	11628	0.391	ng	#	96
38) Dibenzo(a,h)anthracene	26.72	278	10474	0.374	ng		95
39) Benzo(g,h,i)perylene	27.51	276	10651	0.378	ng		99

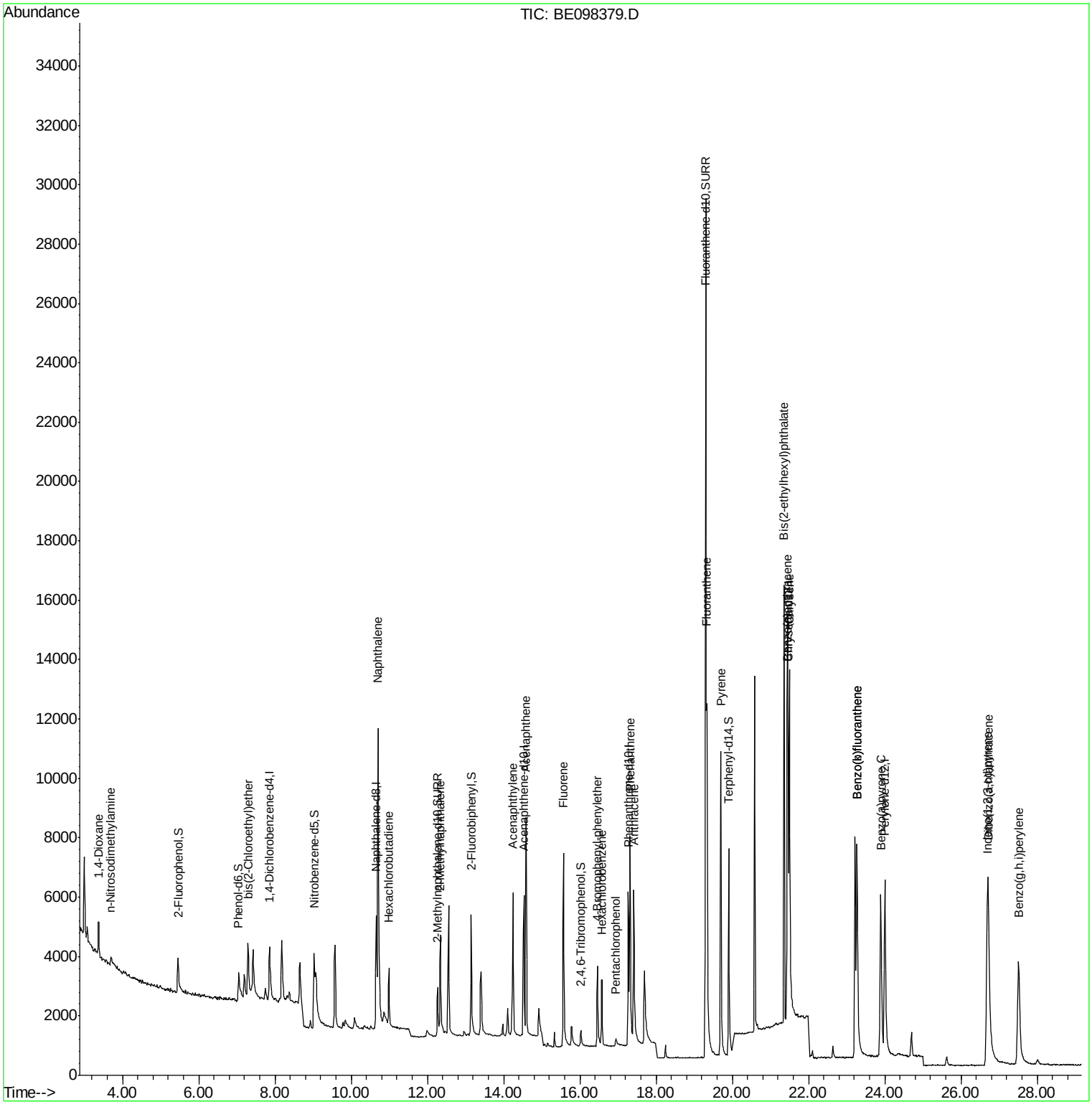
(#) = qualifier out of range (m) = manual integration (+) = signals summed

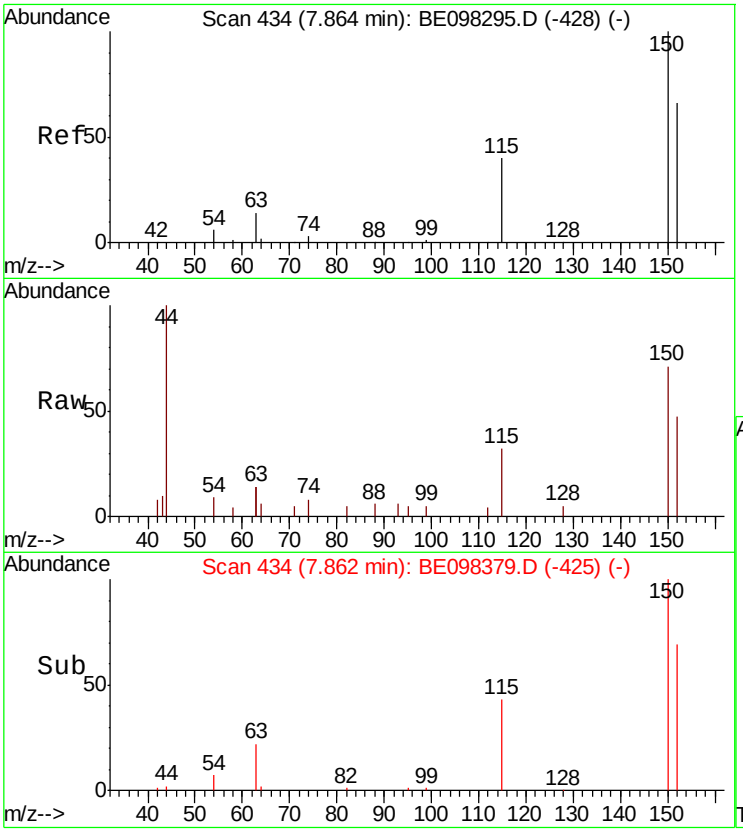
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
Data File : BE098379.D
Acq On : 13 Dec 2018 2:11
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 13 02:44:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



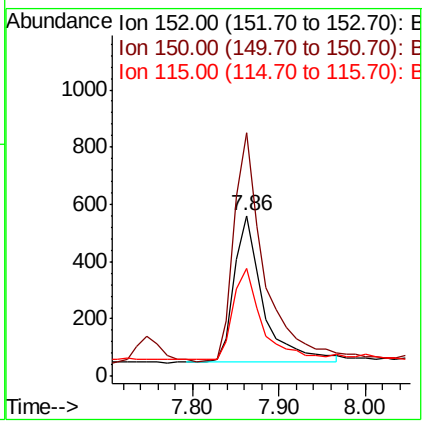


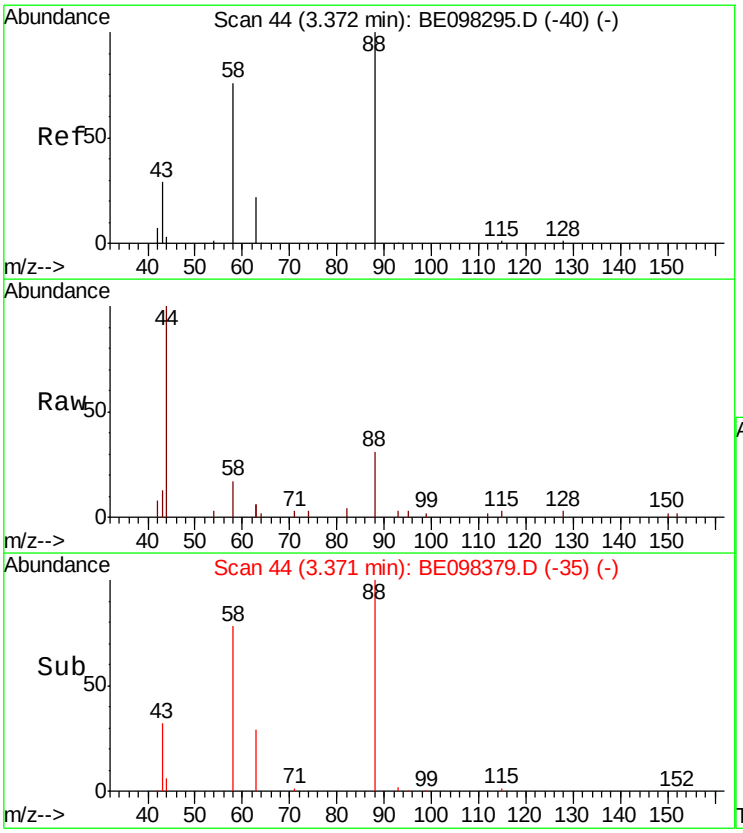
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1180

Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.2	186.4
115	67.2	53.9	80.9

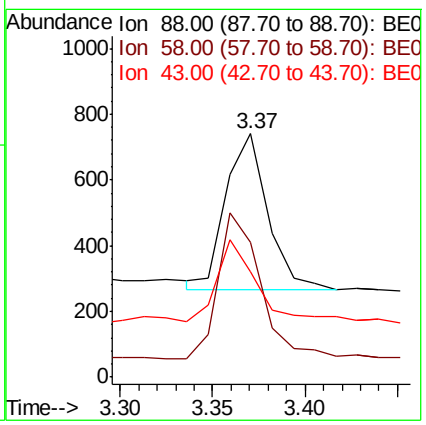


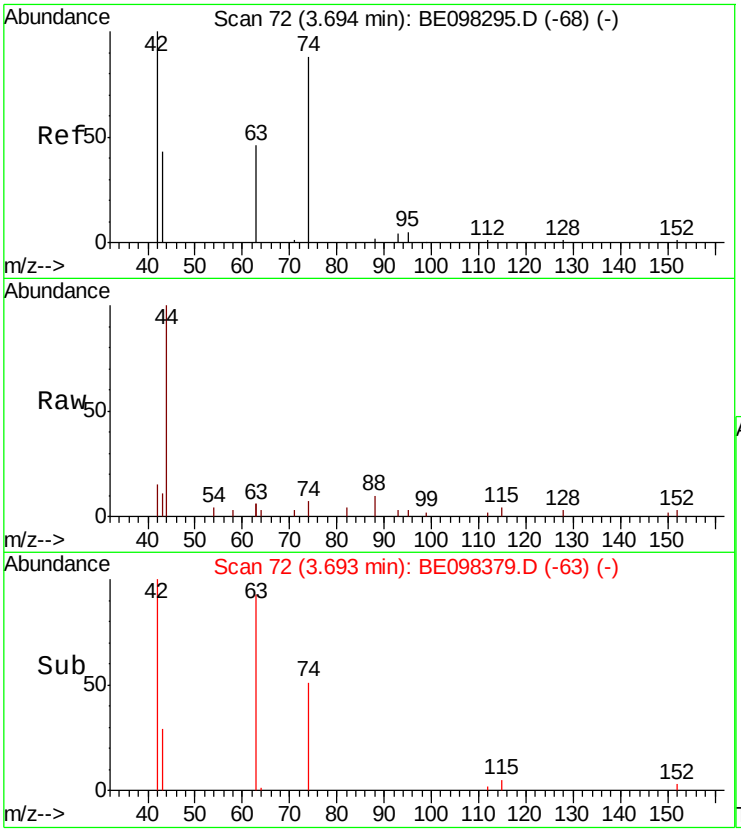


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion: 88 Resp: 757

Ion	Ratio	Lower	Upper
88	100		
58	93.5	75.0	112.6
43	51.0	38.3	57.5



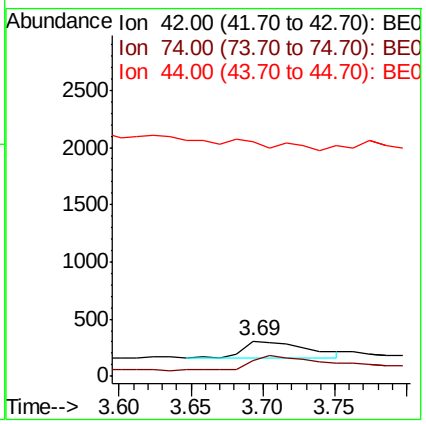


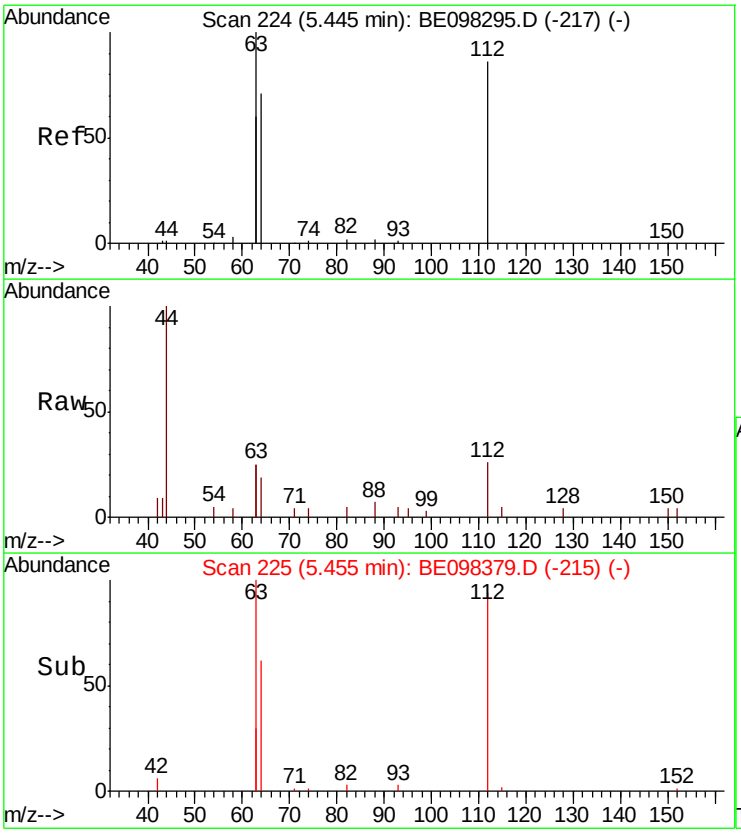
#3
n-Nitrosodimethylamine
Concen: 0.254 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 466

Ion	Ratio	Lower	Upper
42	100		
74	85.2	0.0	0.0#
44	0.0	0.0	0.0

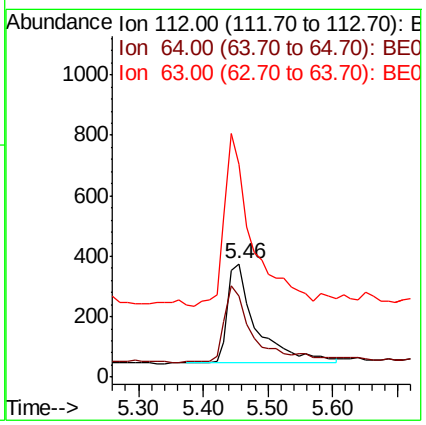


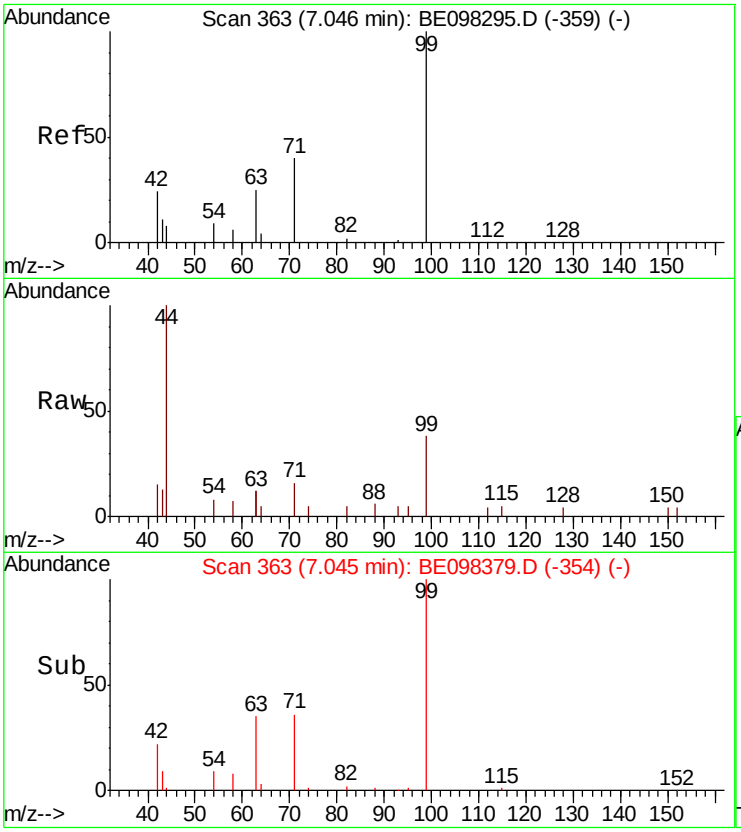


#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:112 Resp: 1012

Ion	Ratio	Lower	Upper
112	100		
64	78.2	59.8	89.8
63	169.1	133.7	200.5



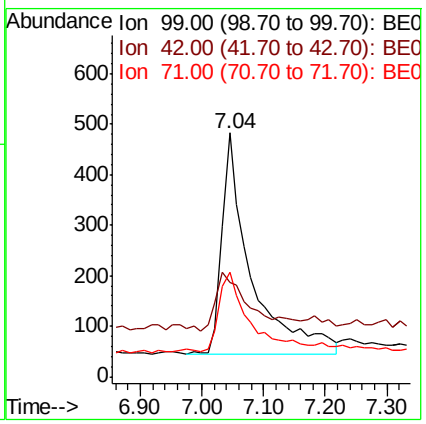


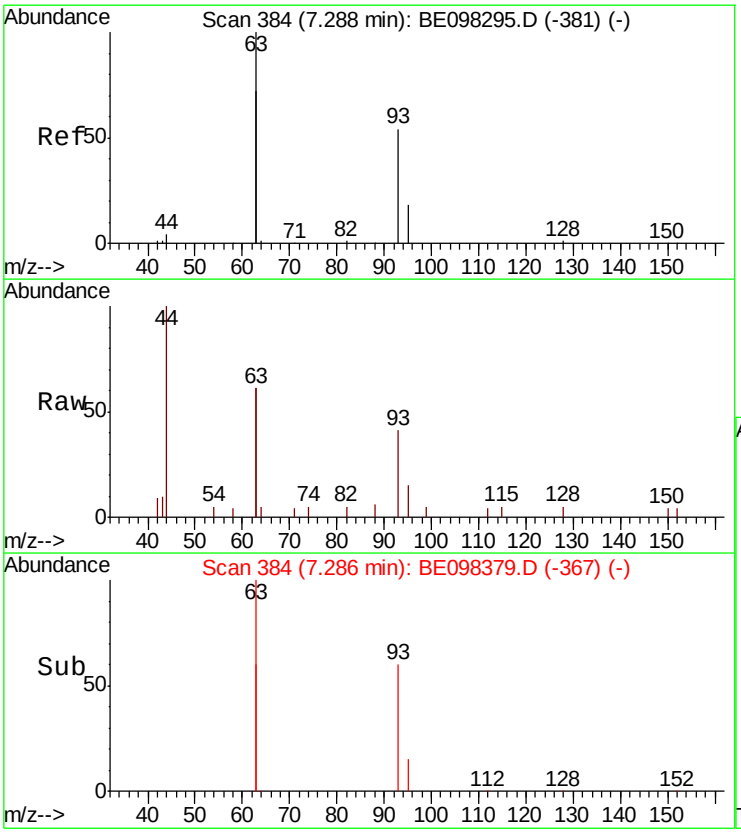
#5
Phenol-d6
Concen: 0.364 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1425

Ion	Ratio	Lower	Upper
99	100		
42	27.7	26.3	39.5
71	37.0	33.6	50.4

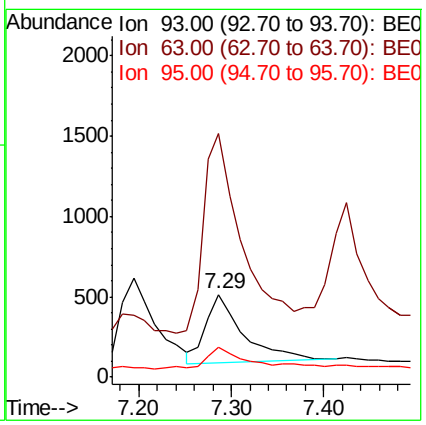


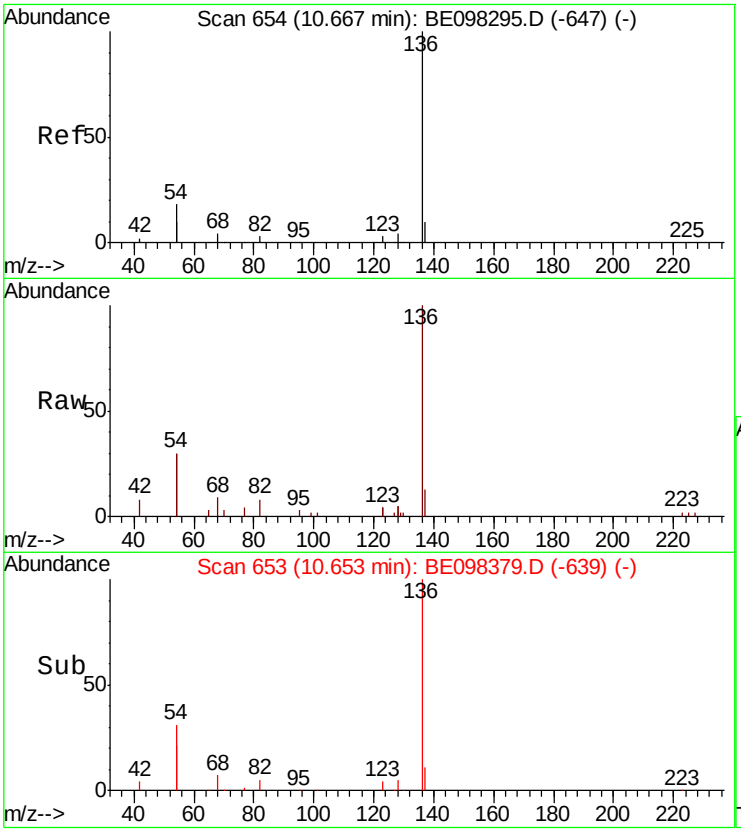


#6
bis(2-Chloroethyl)ether
Concen: 0.323 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion: 93 Resp: 1199

Ion	Ratio	Lower	Upper
93	100		
63	302.7	264.4	396.6
95	35.7	26.6	40.0



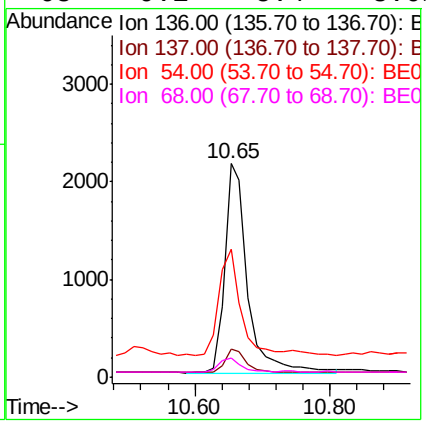


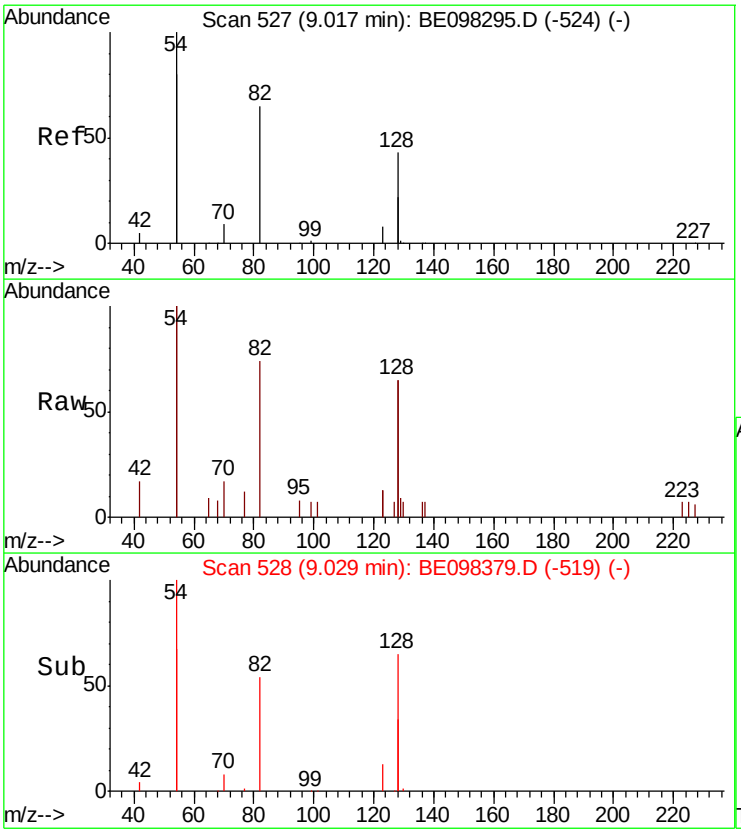
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 5103

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.2	13.8
54	59.8	28.4	42.6#
68	9.1	5.4	8.0#

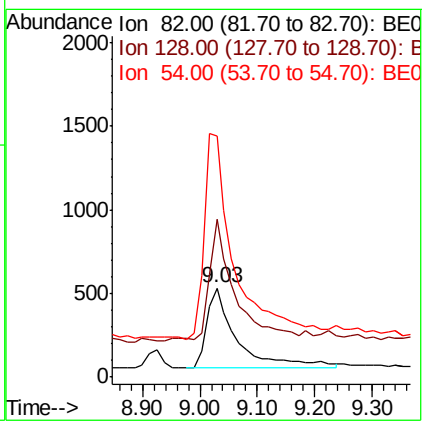


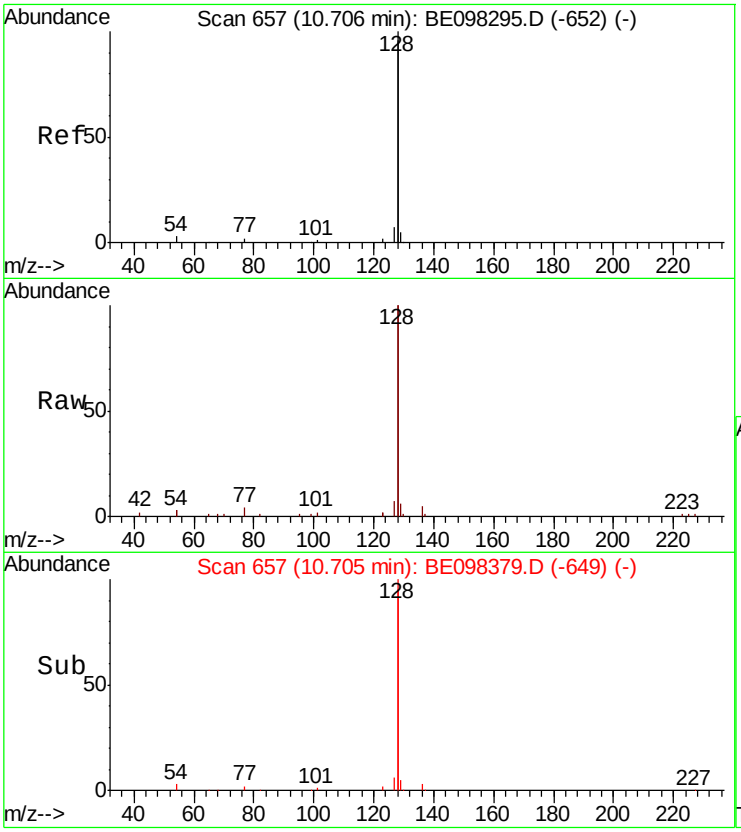


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion: 82 Resp: 1776

Ion	Ratio	Lower	Upper
82	100		
128	176.7	102.4	153.6#
54	270.5	221.8	332.8



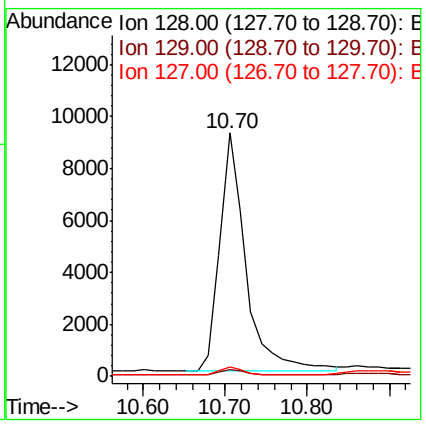


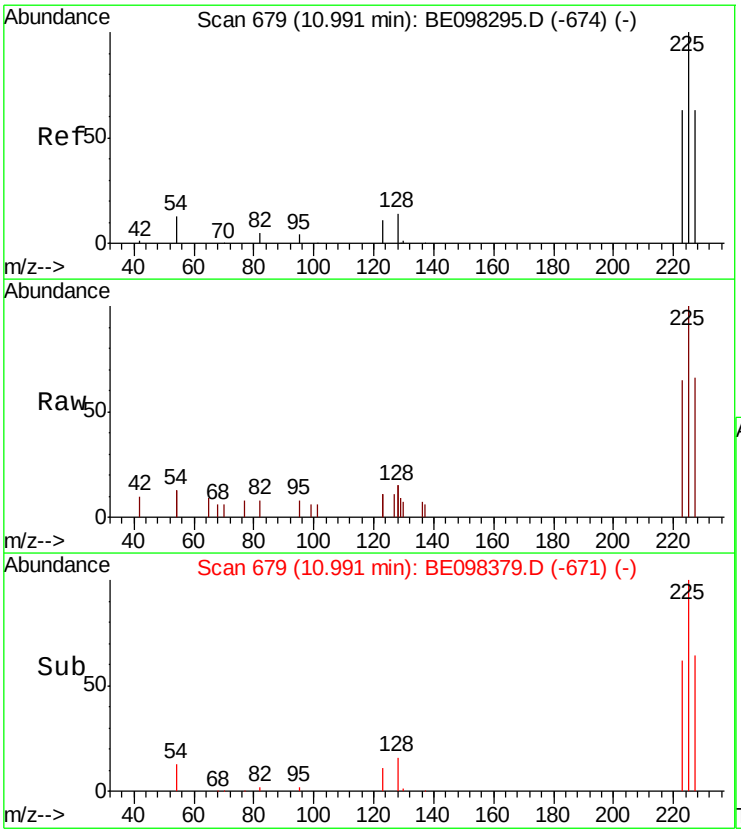
#9
Naphthalene
Concen: 0.392 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 20148

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

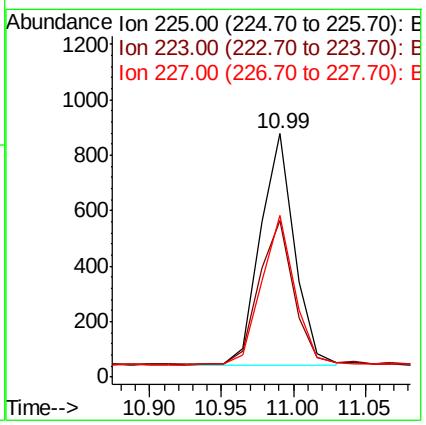


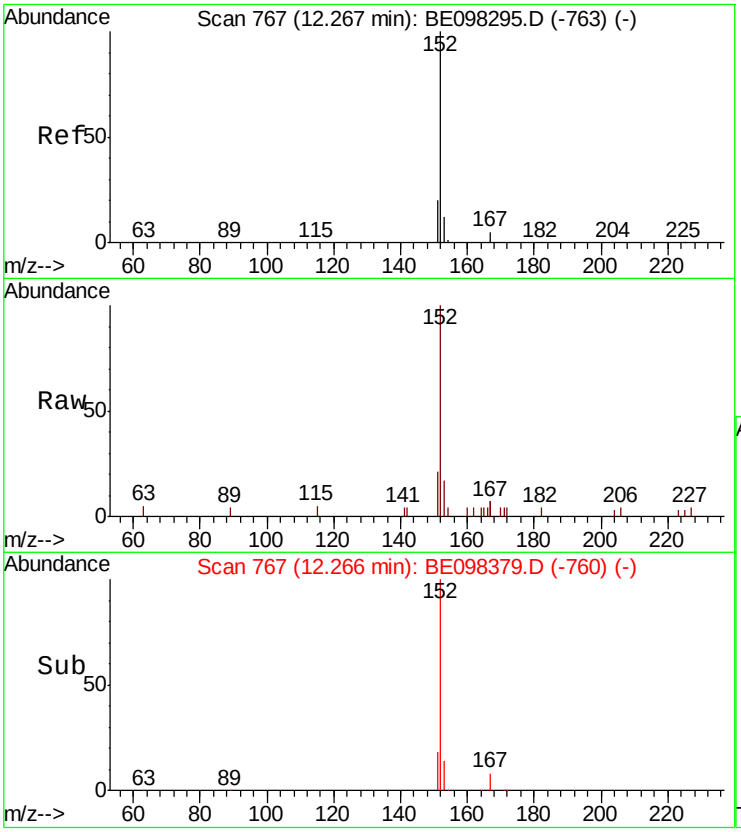


#10
Hexachlorobutadiene
Concen: 0.419 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:225 Resp: 1369

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	63.6	52.0	78.0



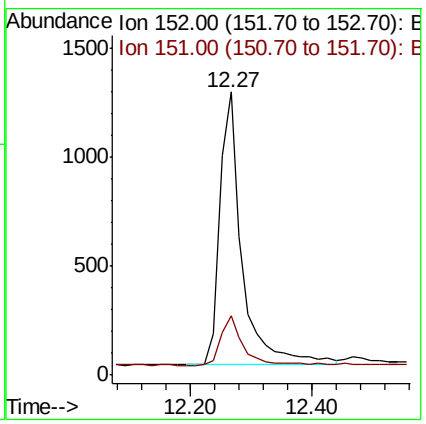


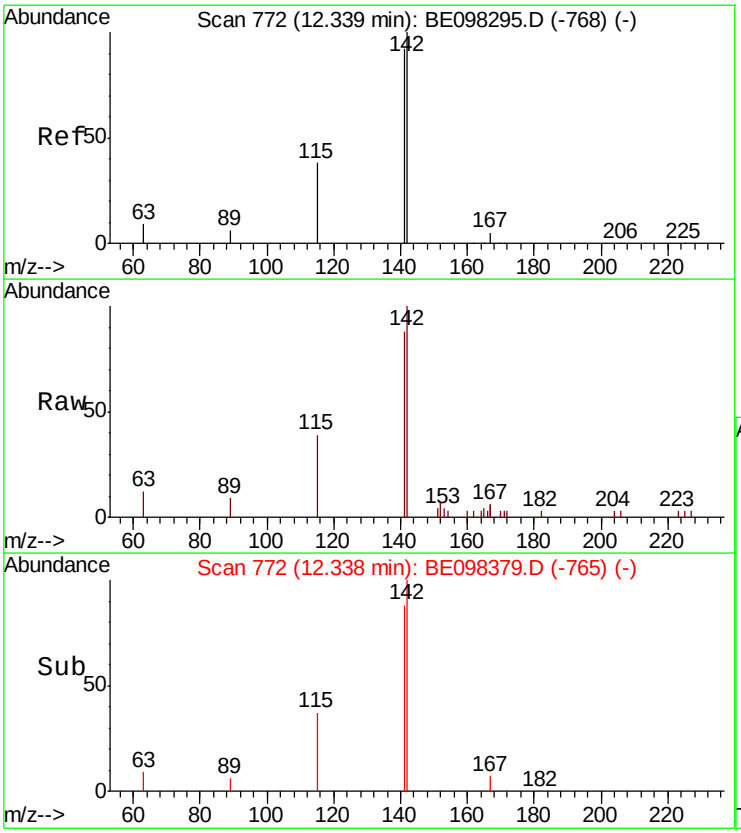
#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3212

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.4

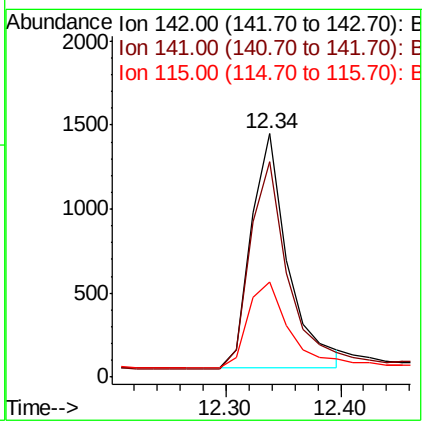


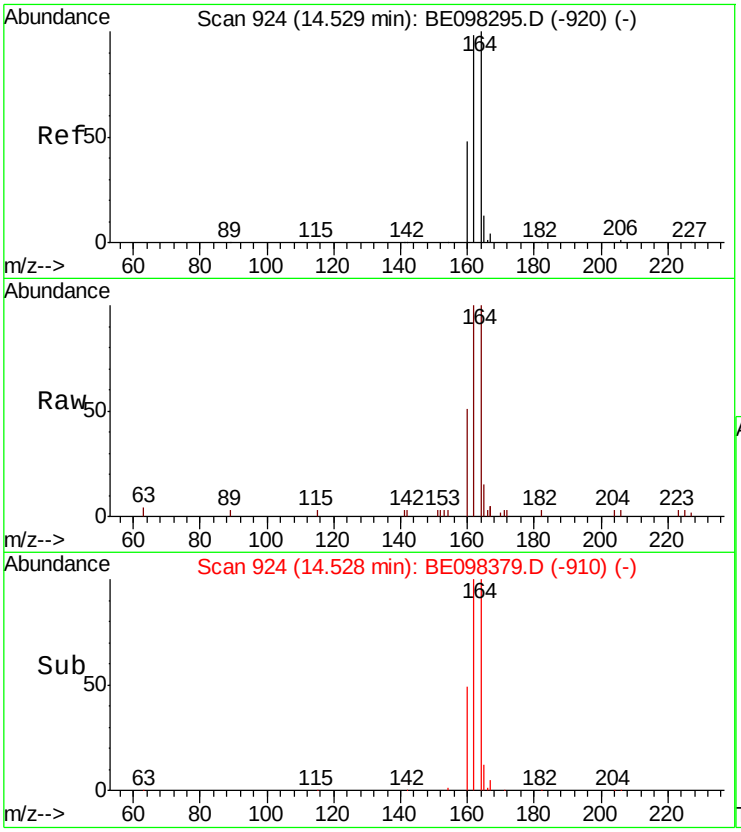


#12
2-Methylnaphthalene
Concen: 0.372 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:142 Resp: 3108

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	39.3	32.2	48.2



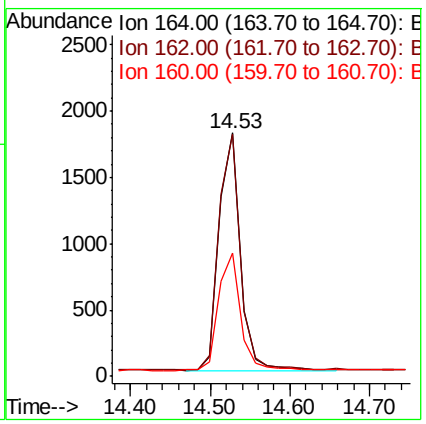


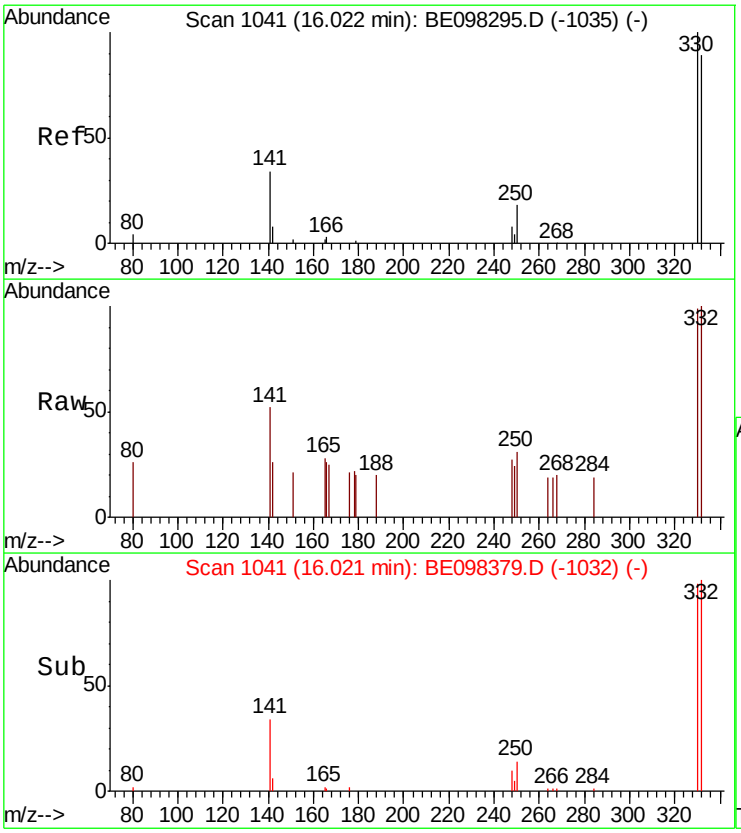
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3328

Ion	Ratio	Lower	Upper
164	100		
162	99.7	77.6	116.4
160	50.8	36.0	54.0

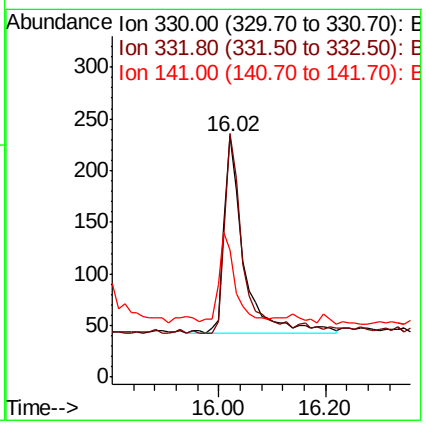


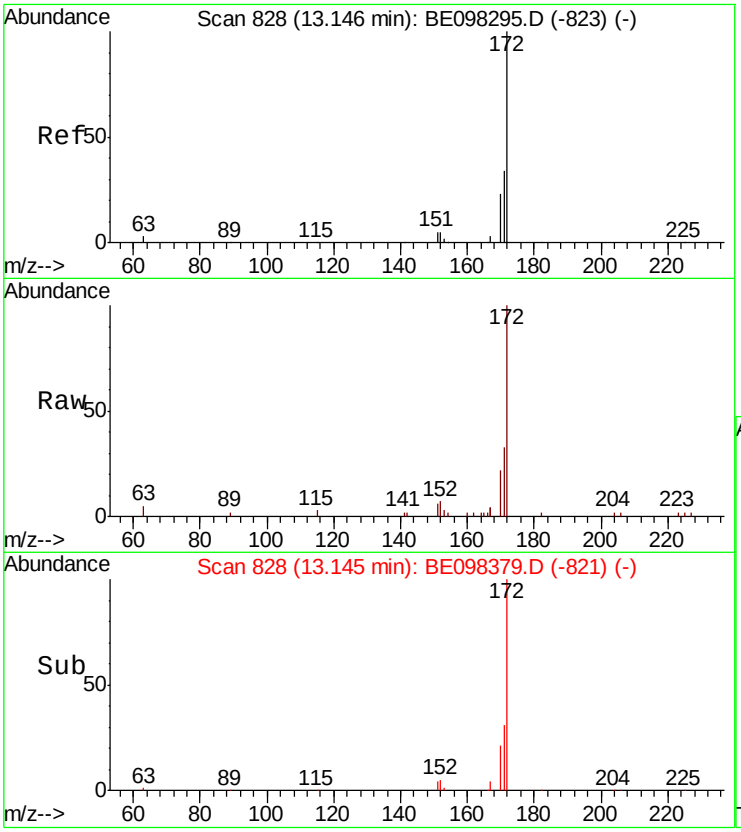


#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:330 Resp: 483

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.2	114.4
141	37.7	39.0	58.4#



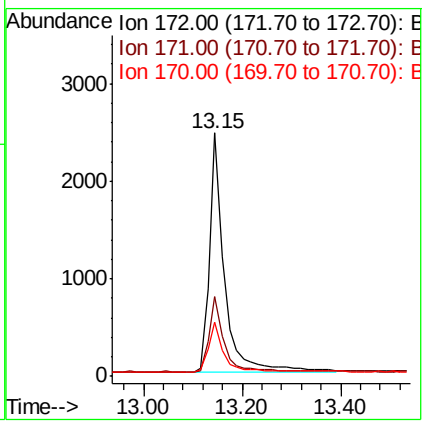


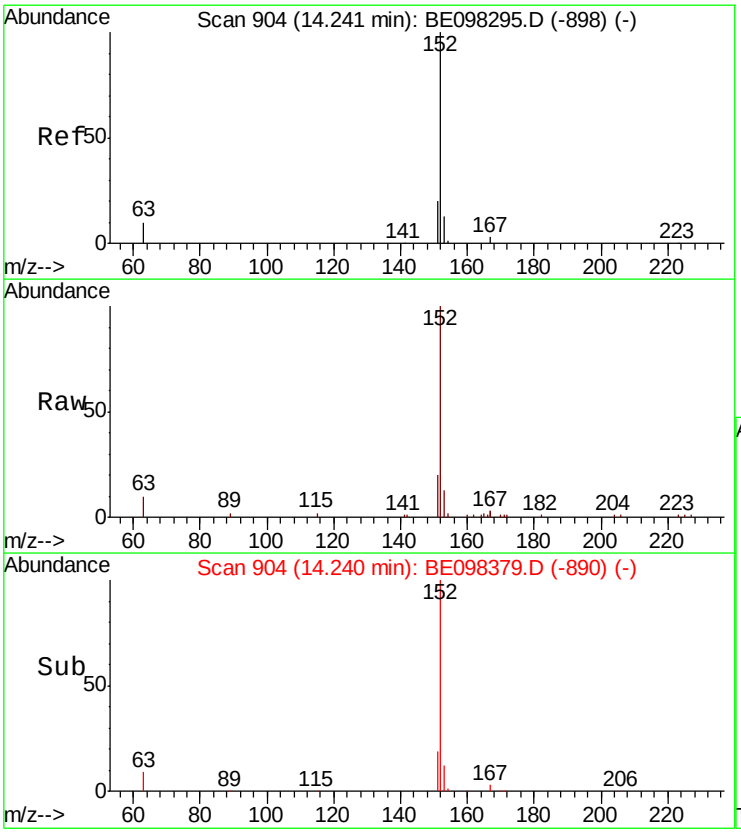
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5070

Ion	Ratio	Lower	Upper
172	100		
171	32.8	27.5	41.3
170	22.5	19.6	29.4

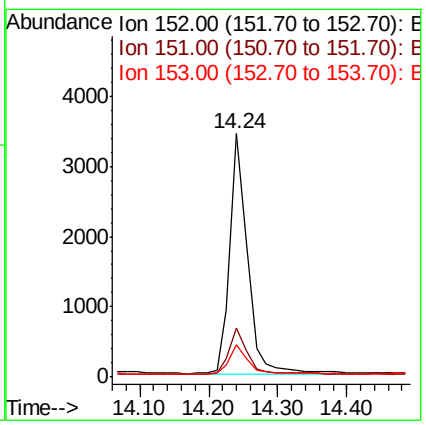


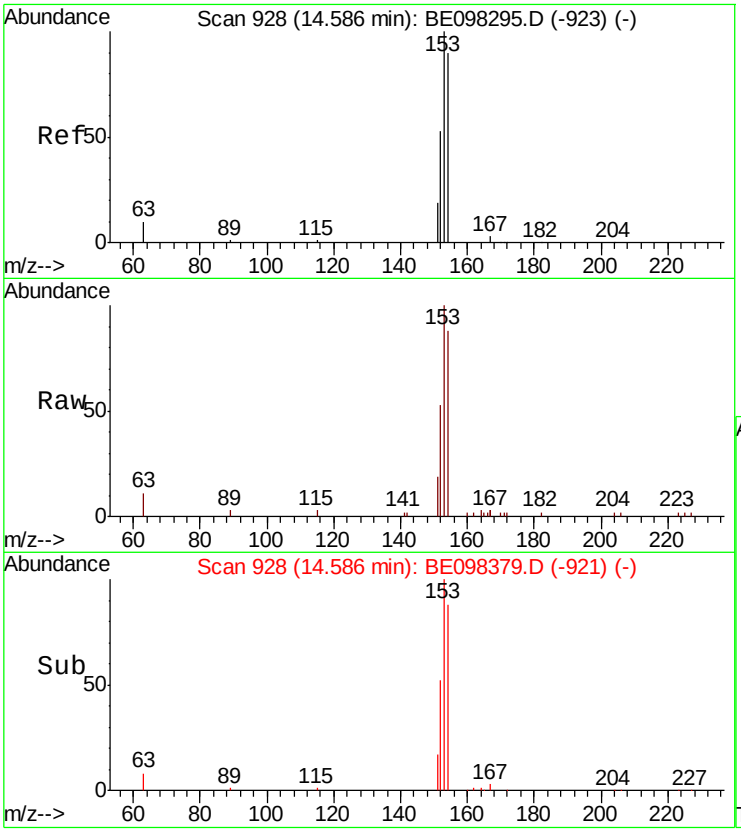


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:152 Resp: 6062

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	12.6	10.6	16.0



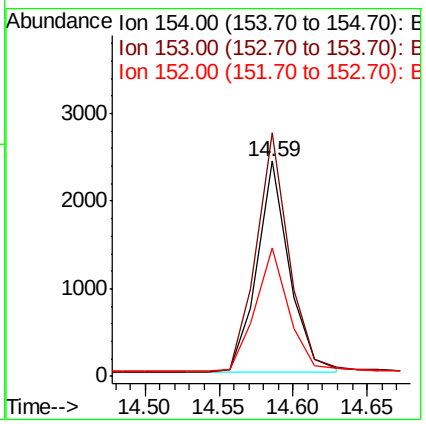


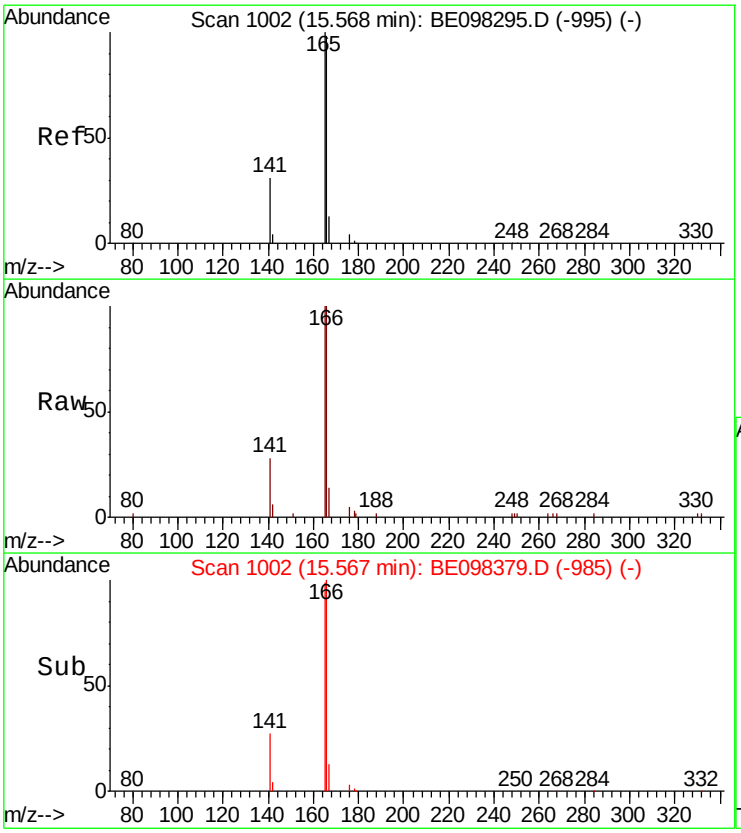
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3597

Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.8	137.6
152	61.6	45.5	68.3

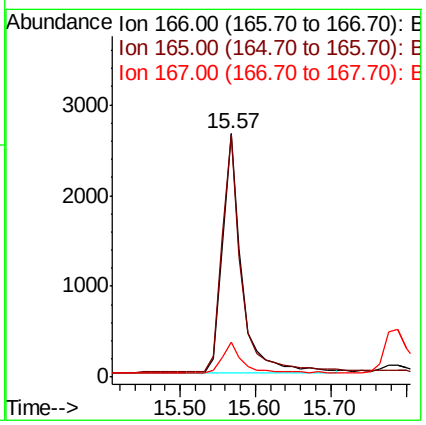


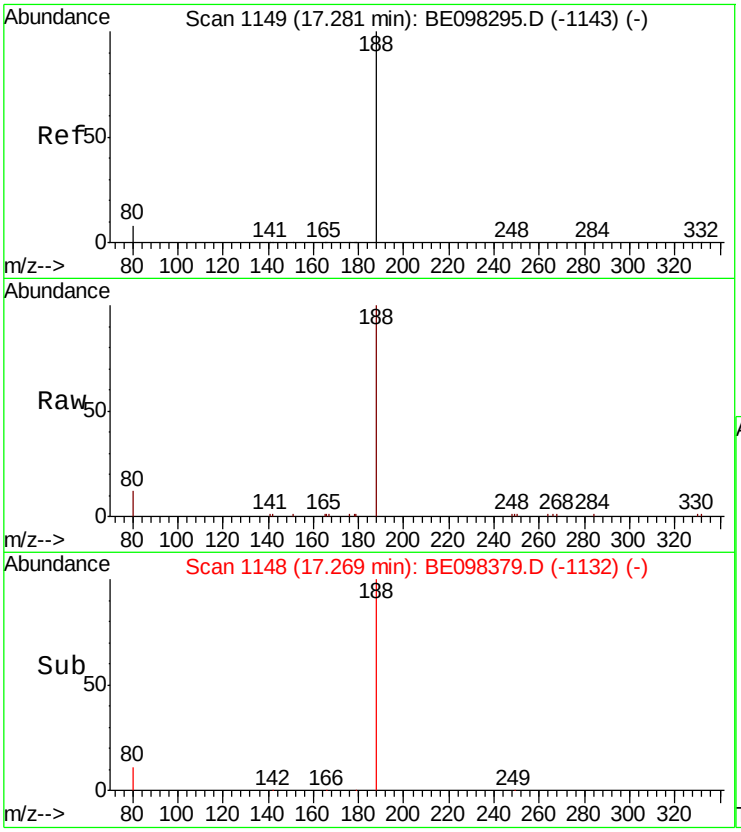


#18
Fluorene
Concen: 0.382 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:166 Resp: 4784

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.3	118.9
167	13.4	11.3	16.9



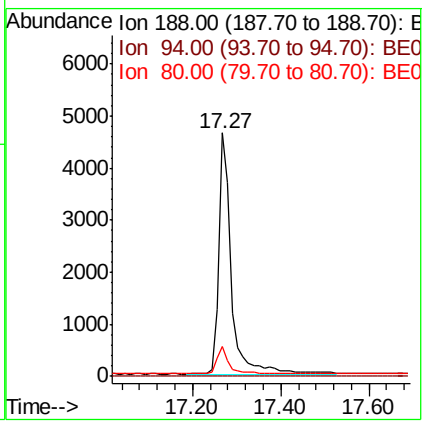


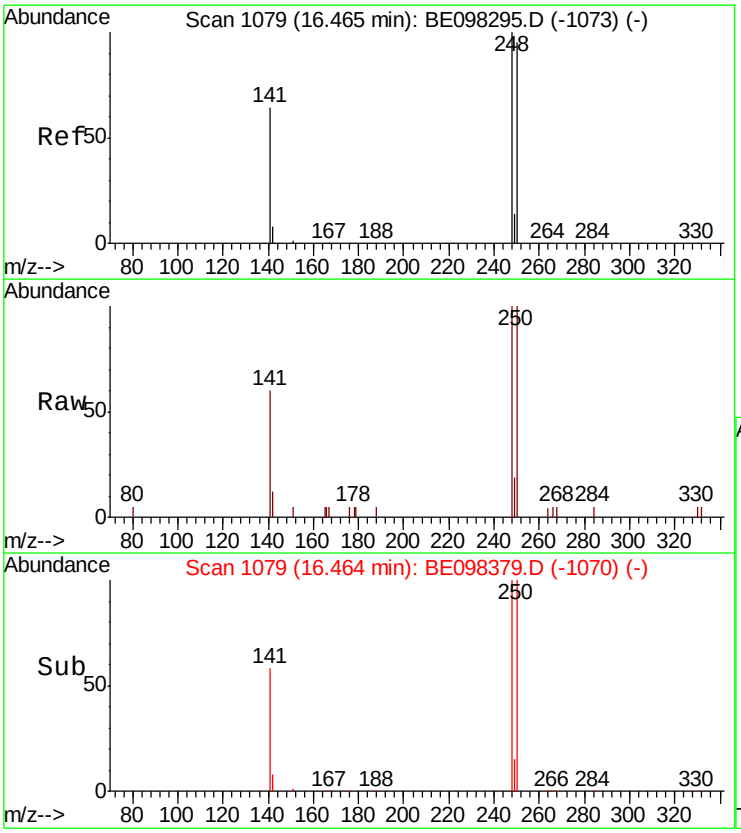
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 9105

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	7.2	10.8#

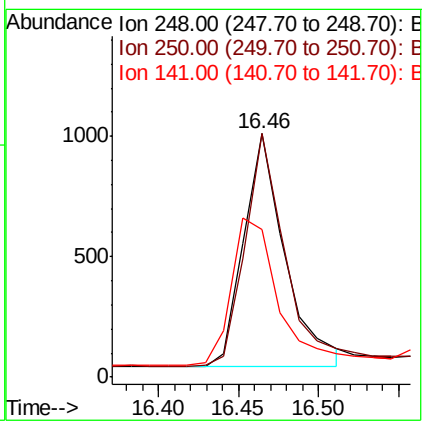


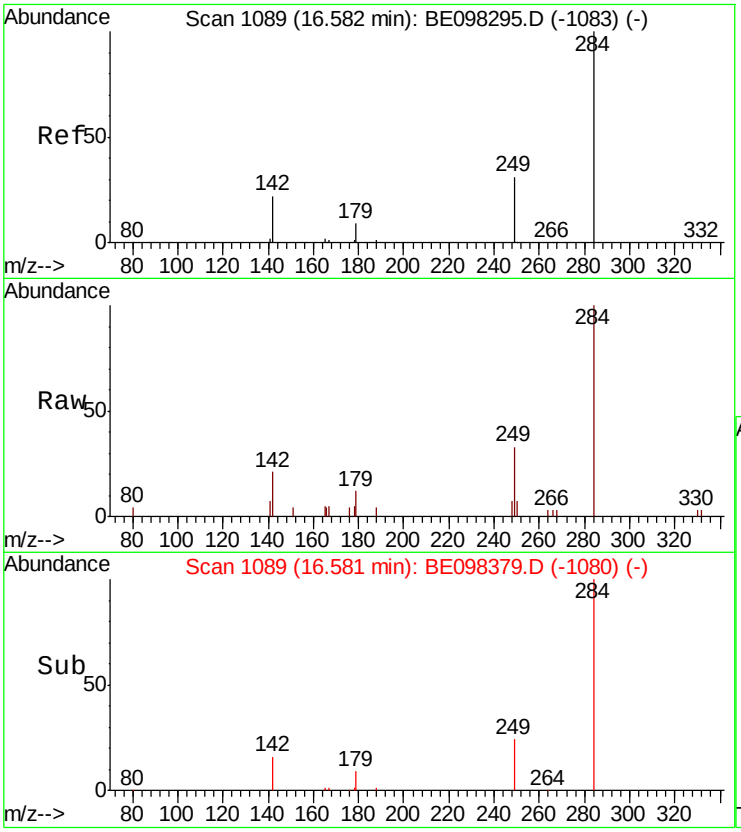


#20
4-Bromophenyl-phenylether
Concen: 0.354 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:248 Resp: 1733

Ion	Ratio	Lower	Upper
248	100		
250	100.1	71.0	106.6
141	60.5	62.1	93.1#



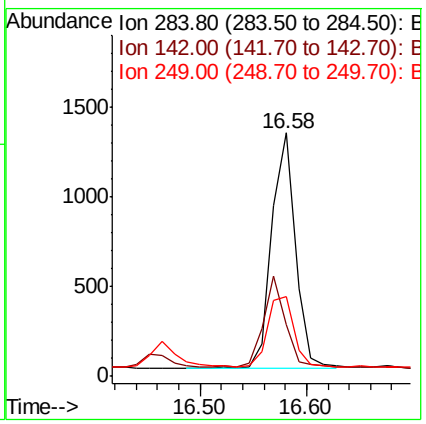


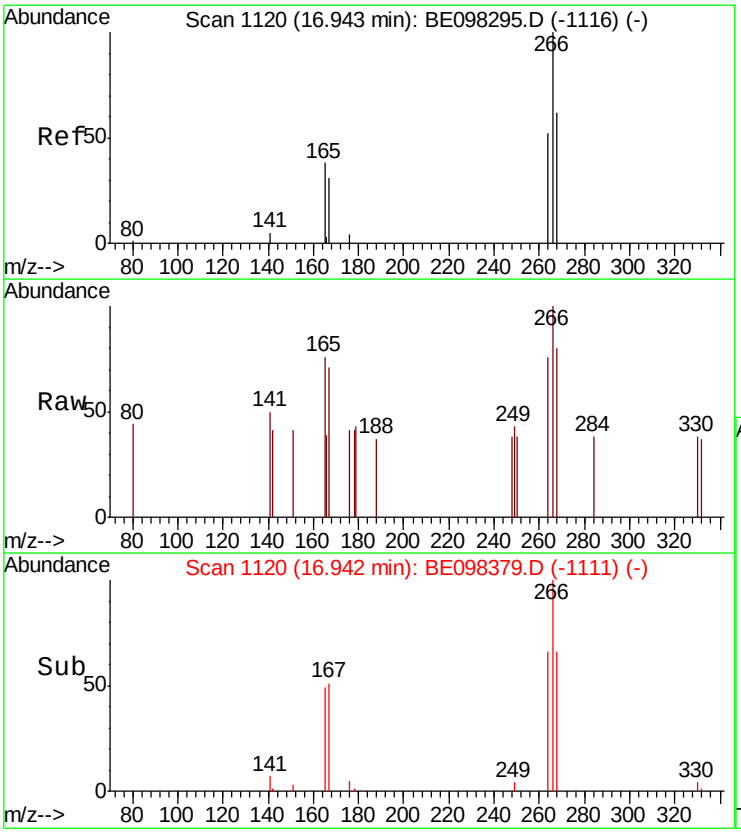
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2039

Ion	Ratio	Lower	Upper
284	100		
142	35.6	26.3	39.5
249	33.3	26.0	39.0

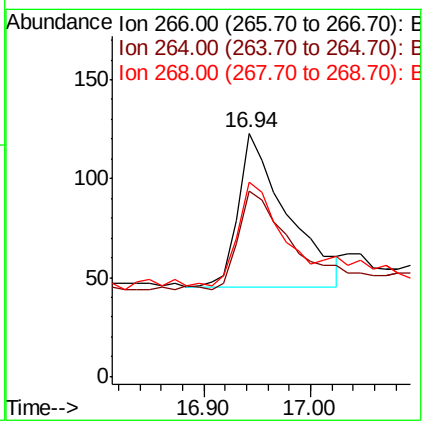


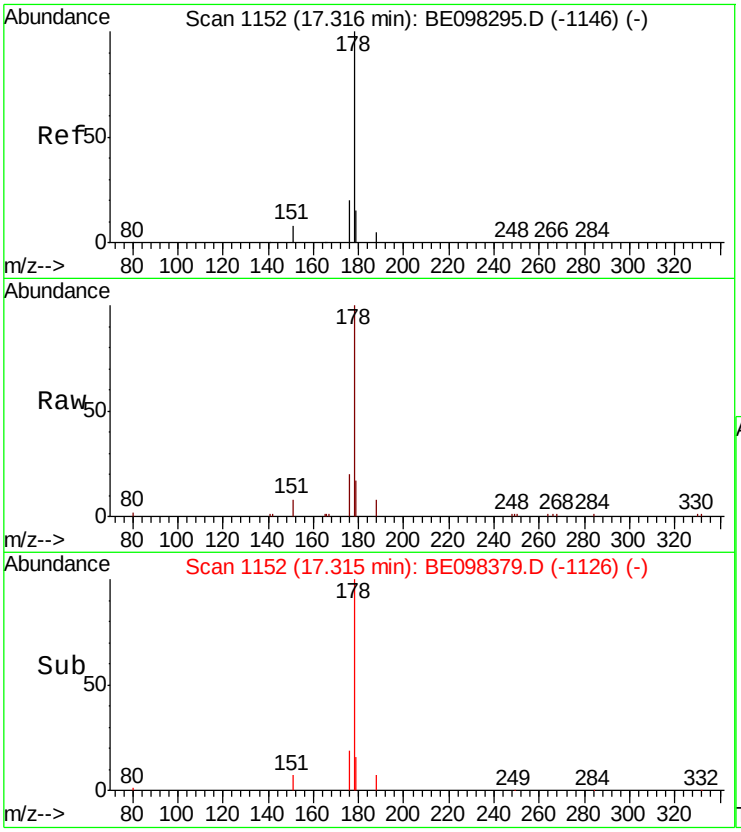


#22
Pentachlorophenol
Concen: 0.307 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:266 Resp: 250

Ion	Ratio	Lower	Upper
266	100		
264	76.4	59.0	88.4
268	79.7	55.1	82.7



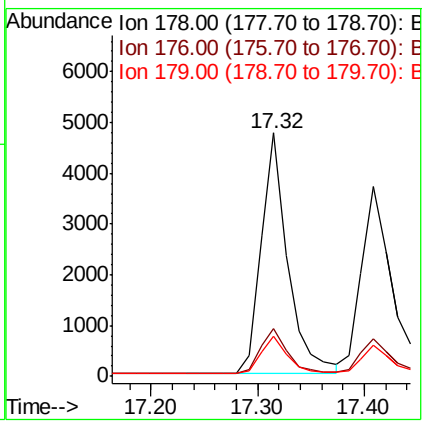


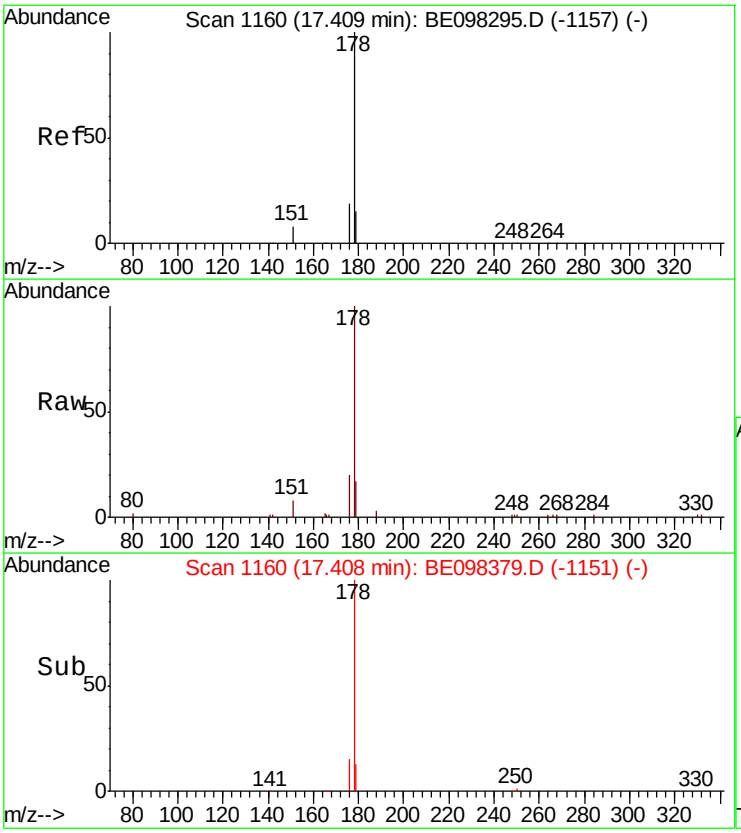
#23
Phenanthrene
Concen: 0.373 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 8257

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.4	12.3	18.5

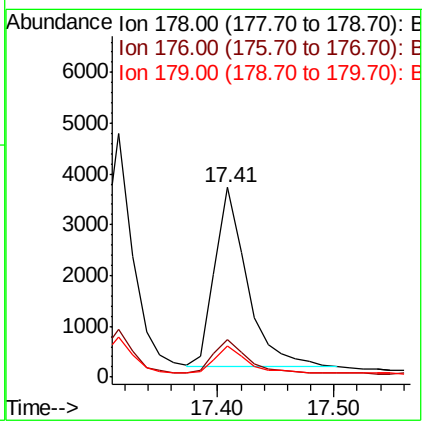


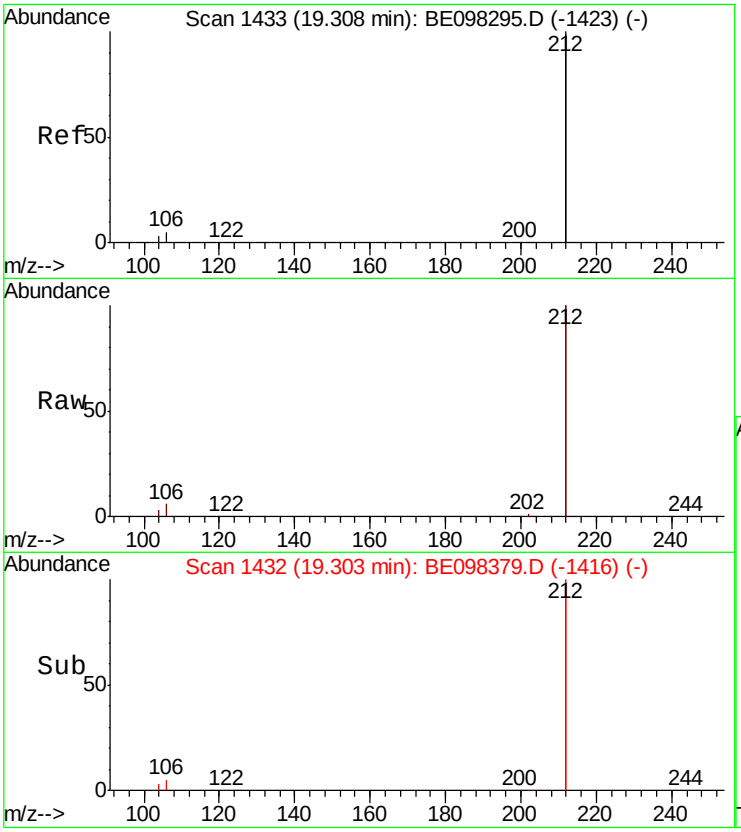


#24
Anthracene
Concen: 0.343 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:178 Resp: 6763

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.8	12.3	18.5



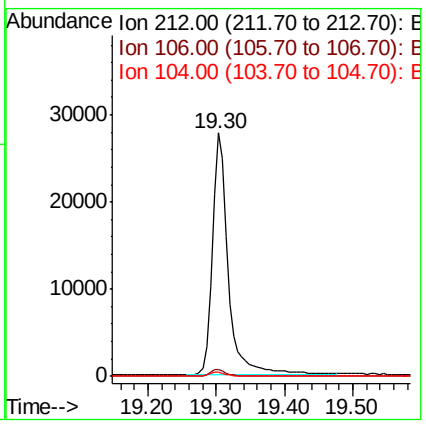


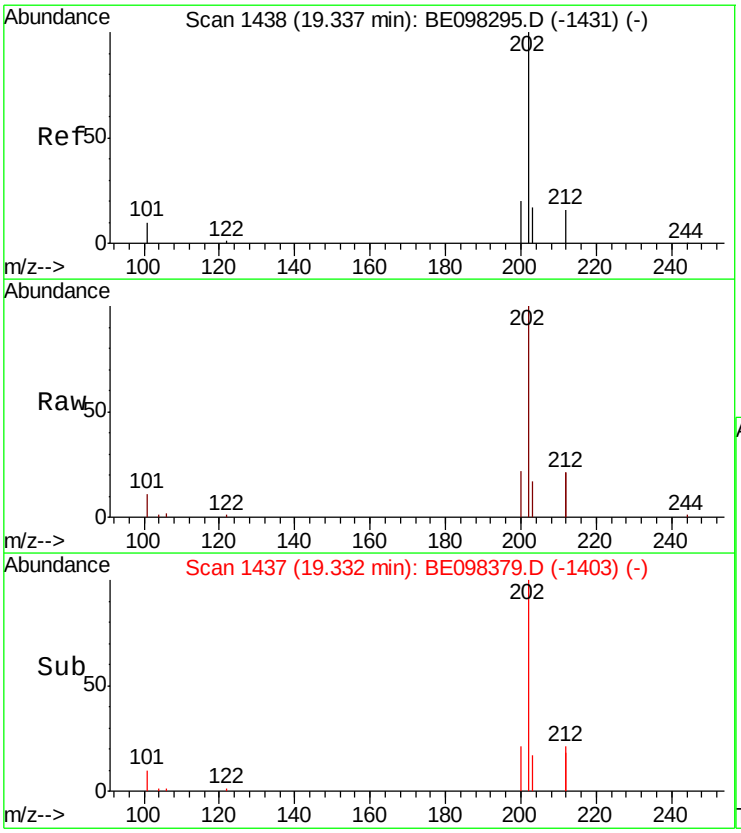
#25
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 45501

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.3	1.9

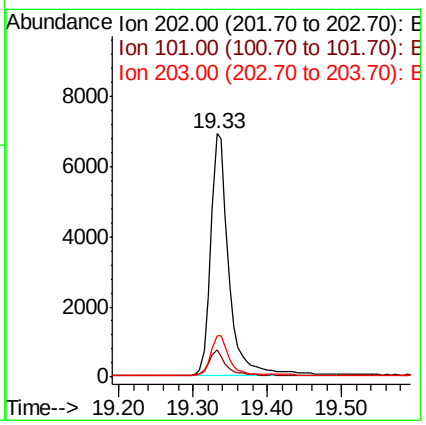


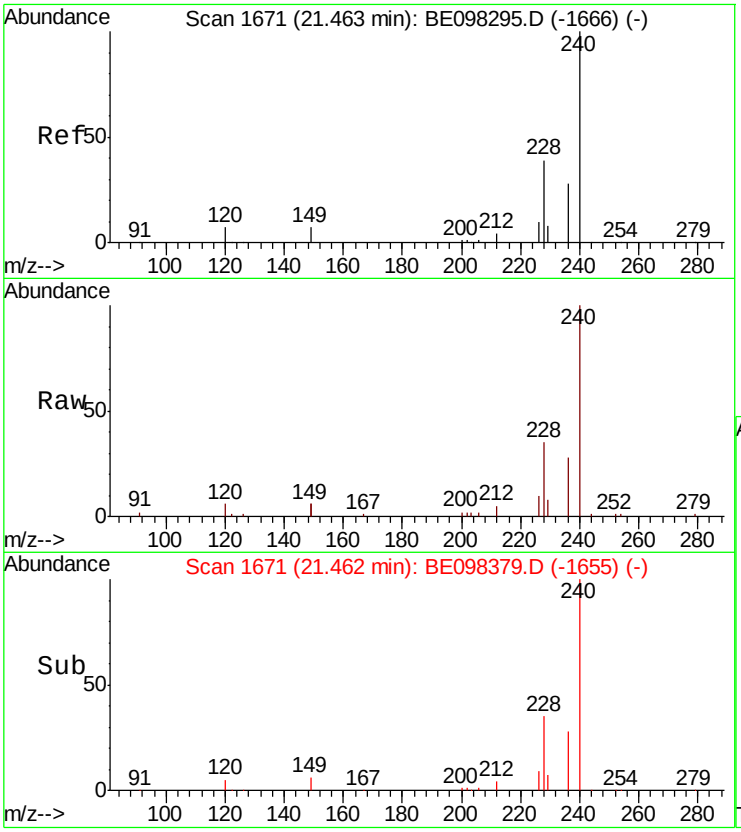


#26
Fluoranthene
Concen: 0.398 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:202 Resp: 11648

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.0	12.0
203	16.5	13.8	20.6



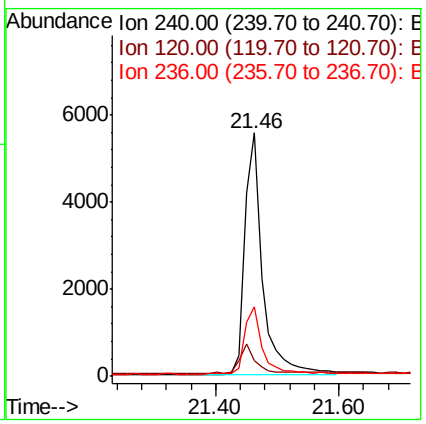


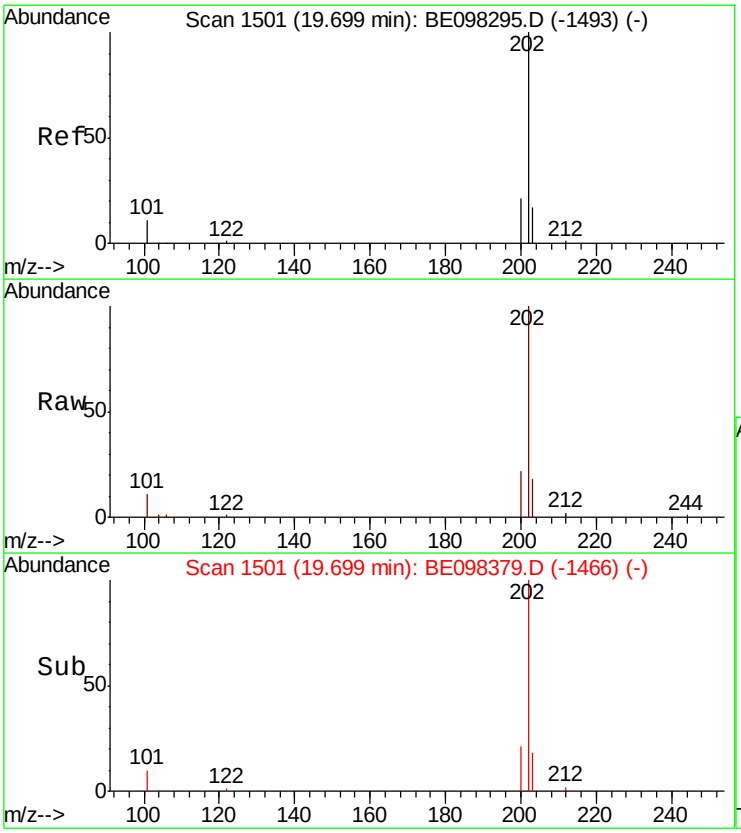
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 10922

Ion	Ratio	Lower	Upper
240	100		
120	6.4	9.5	14.3#
236	28.5	22.7	34.1

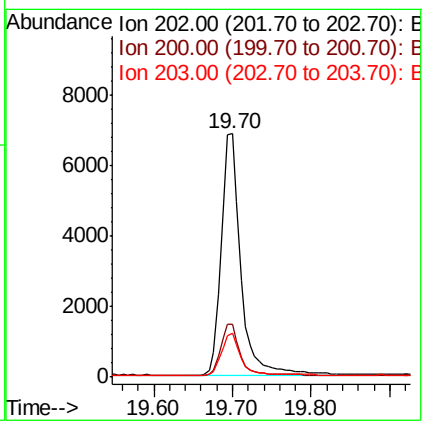


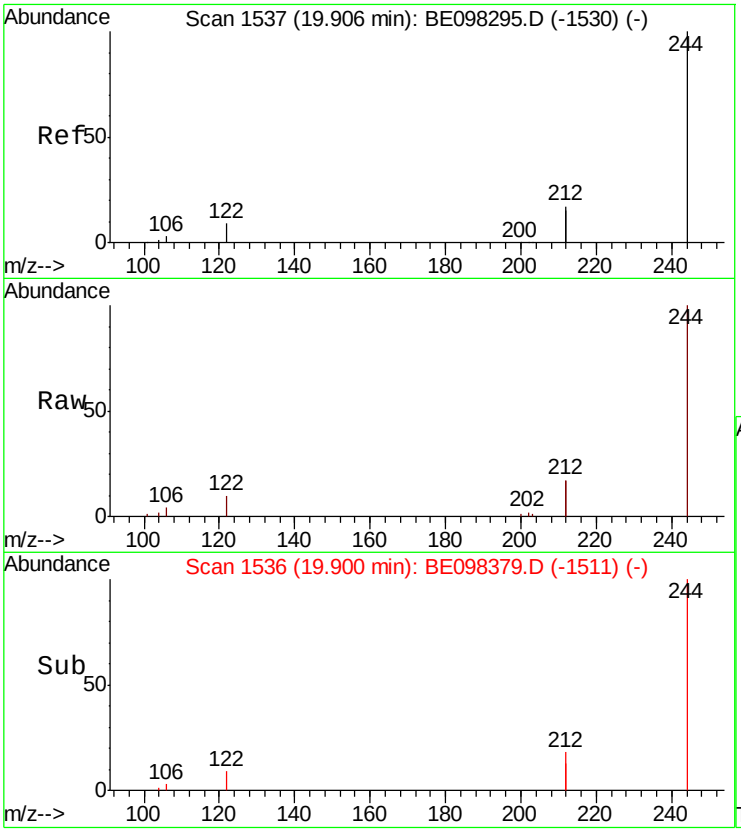


#28
Pyrene
Concen: 0.347 ng
RT: 19.70 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:202 Resp: 11897

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.1	14.1	21.1



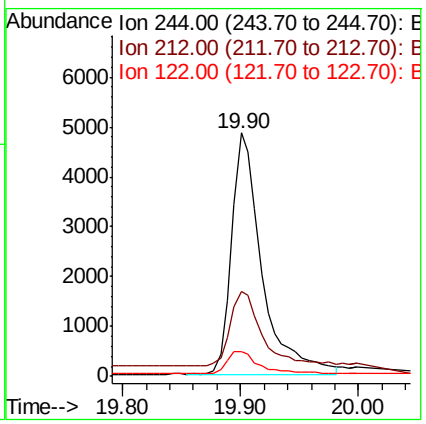


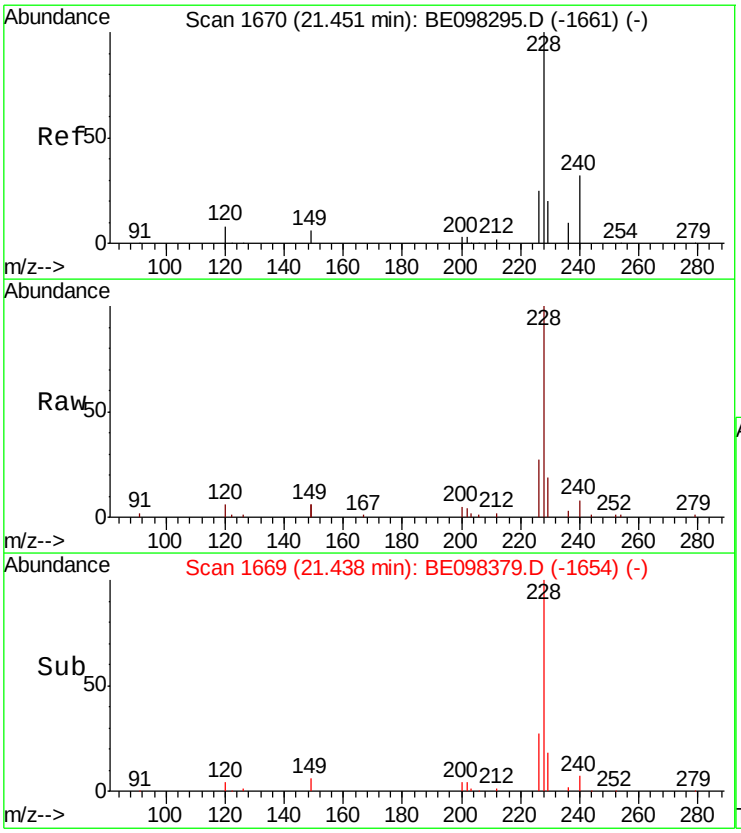
#29
Terphenyl-d14
Concen: 0.324 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 8593

Ion	Ratio	Lower	Upper
244	100		
212	34.7	27.4	41.0
122	10.1	8.3	12.5

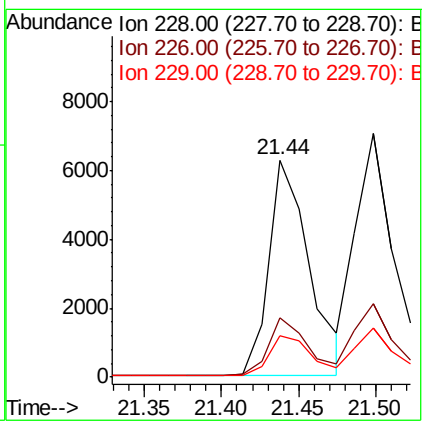


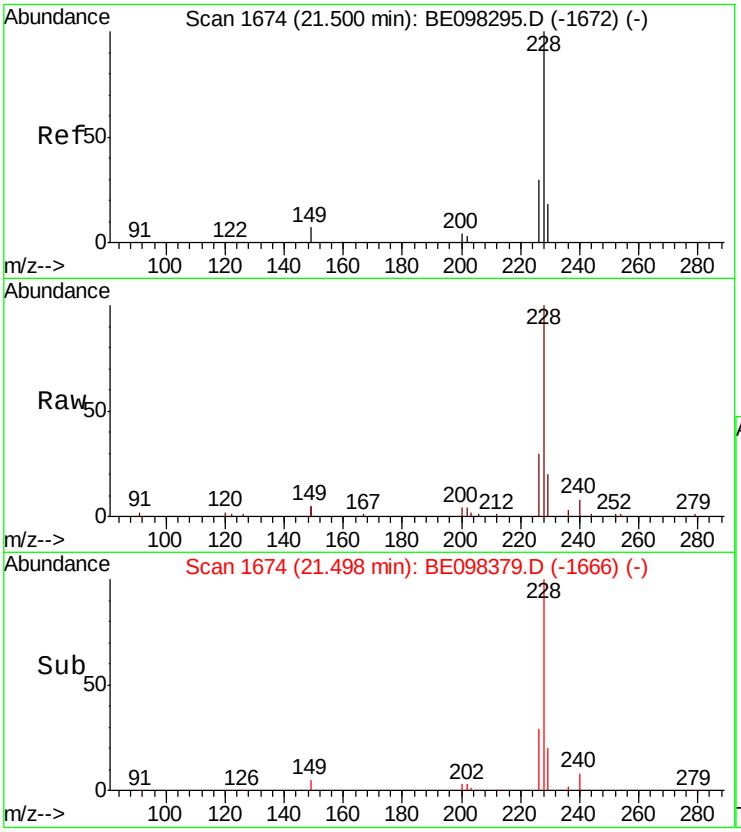


#30
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:228 Resp: 11431

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.1	16.3	24.5



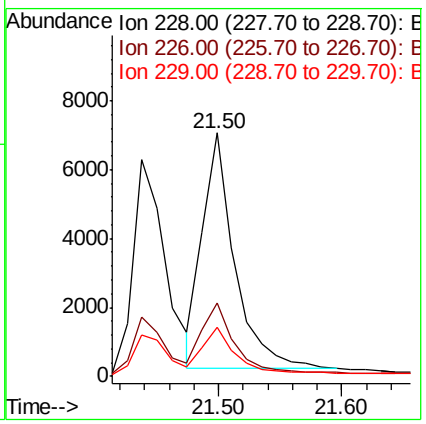


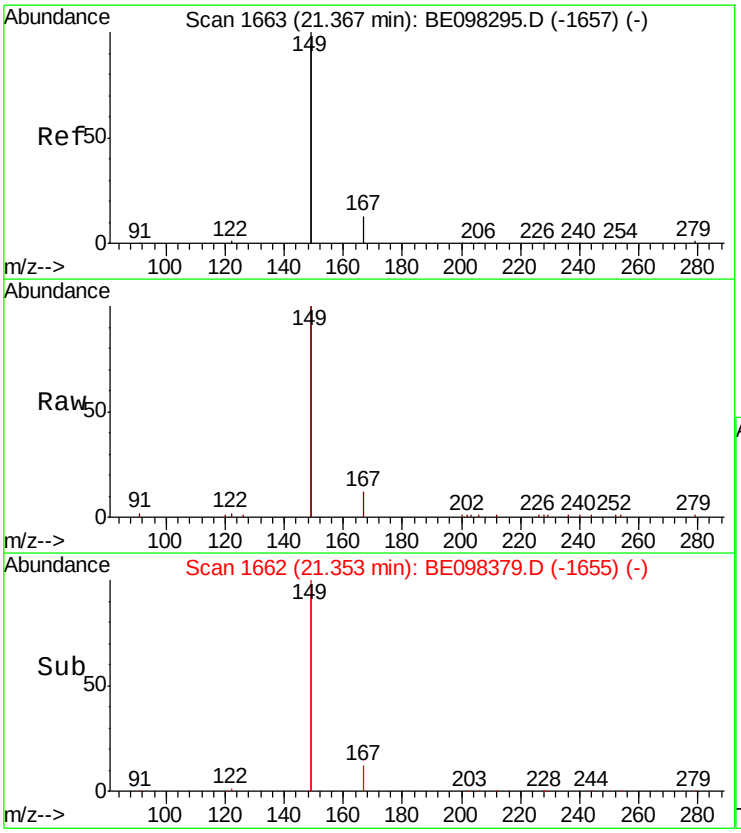
#31
Chrysene
Concen: 0.377 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 12278

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	20.3	16.2	24.4

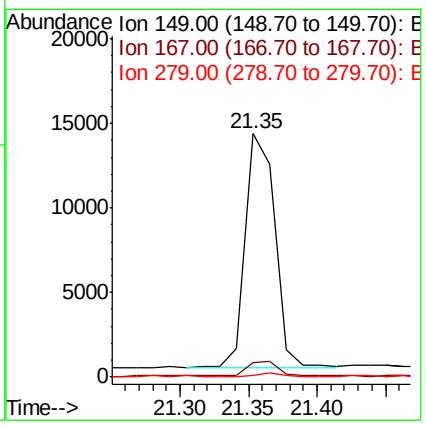


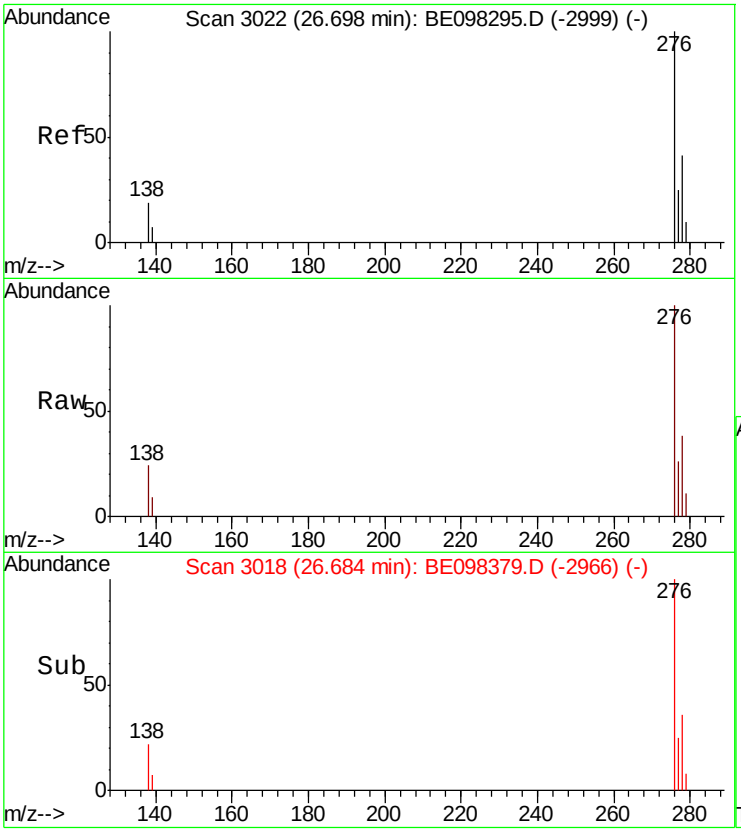


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.324 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:149 Resp: 20470

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.7	8.5
279	1.0	1.0	1.4



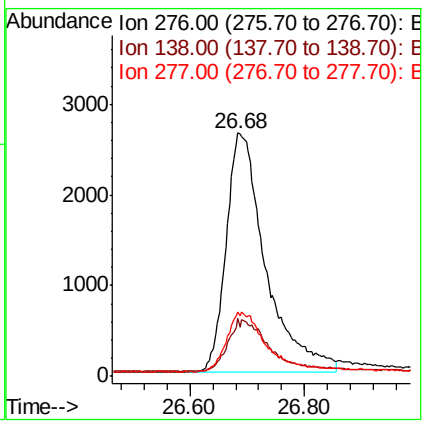


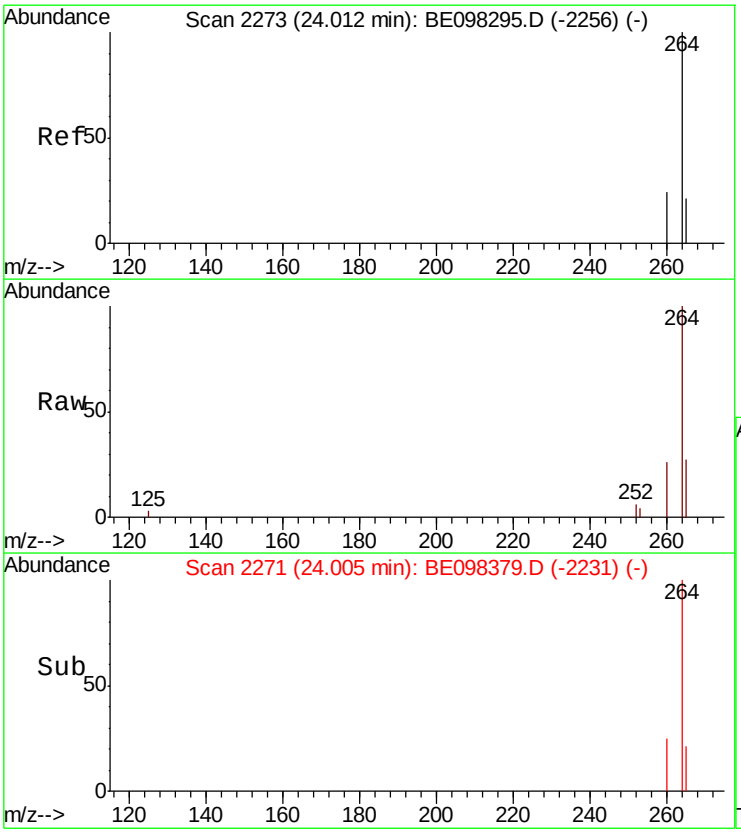
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 26.68 min Scan# 3018
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12652

Ion	Ratio	Lower	Upper
276	100		
138	7.1	16.3	24.5#
277	8.8	20.2	30.4#

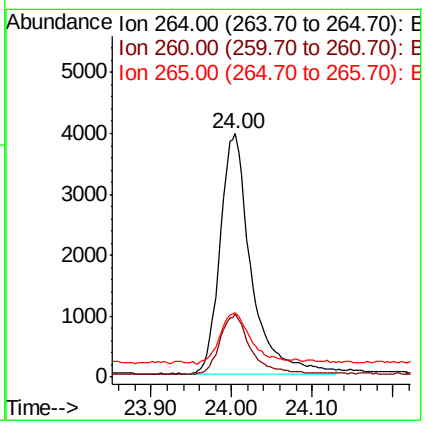


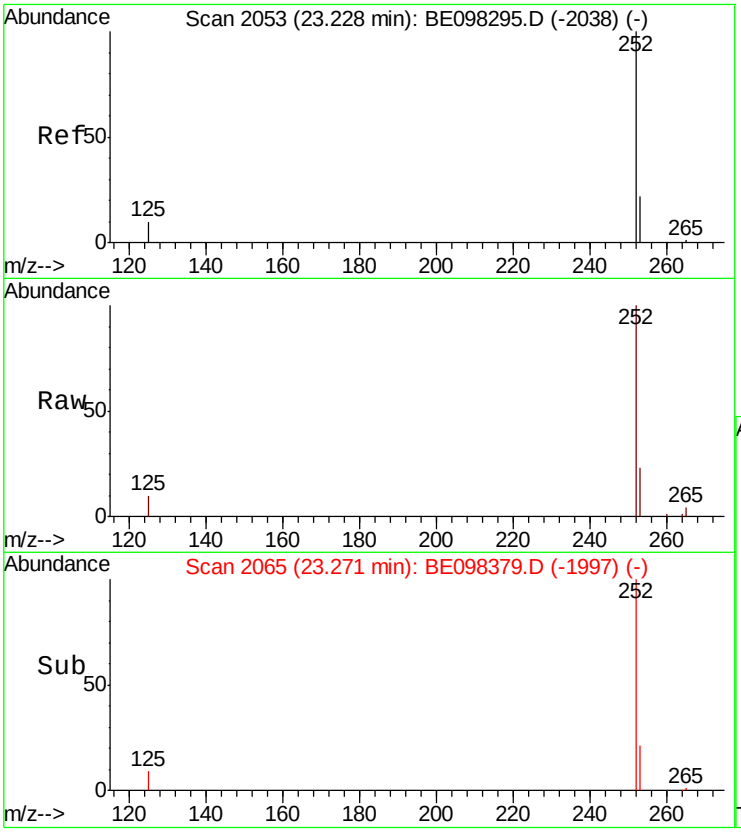


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:264 Resp: 10532

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	26.6	25.2	37.8



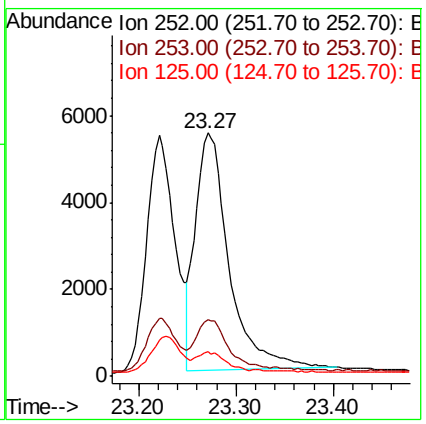


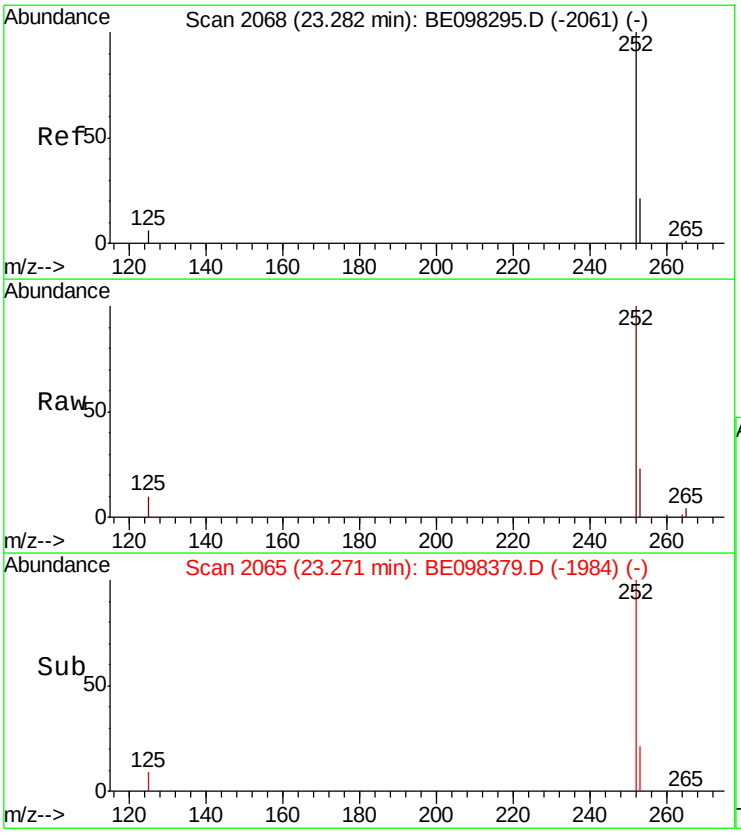
#35
Benzo(b)fluoranthene
Concen: 0.457 ng
RT: 23.27 min Scan# 2065
Delta R.T. 0.04 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13167

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.0	30.0
125	10.3	9.6	14.4

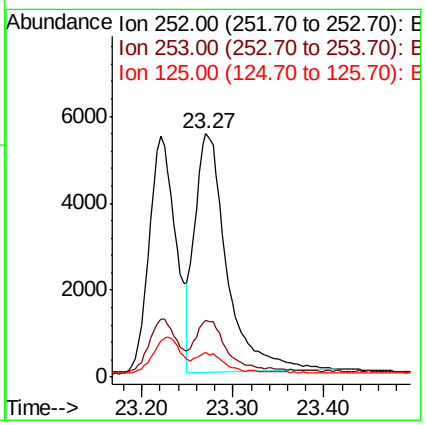


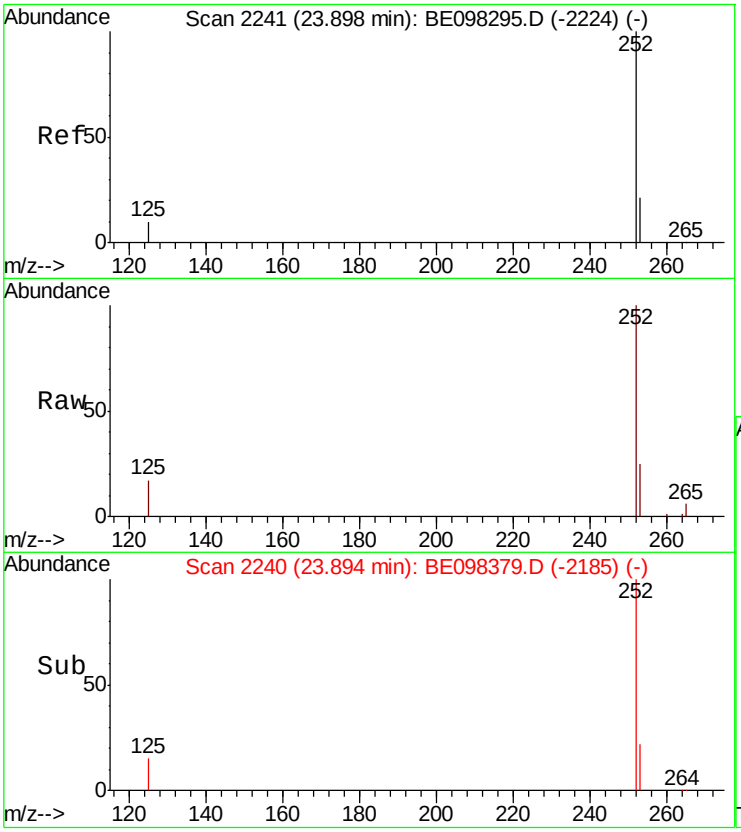


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:252 Resp: 13355

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.0	28.6
125	10.3	9.1	13.7



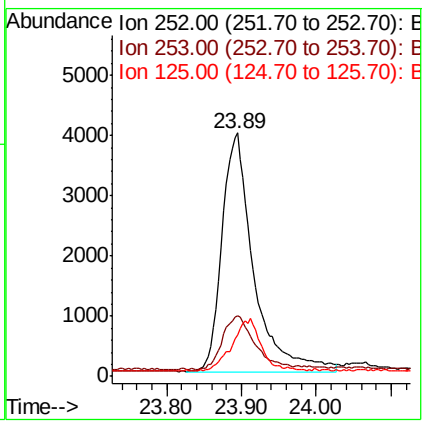


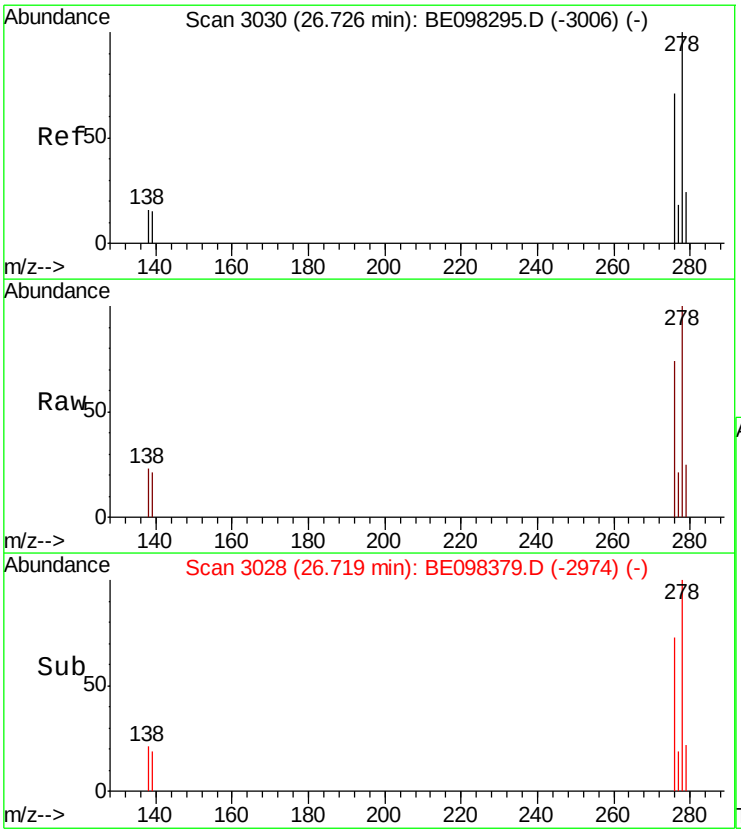
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11628

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.6	30.8
125	17.1	10.5	15.7#

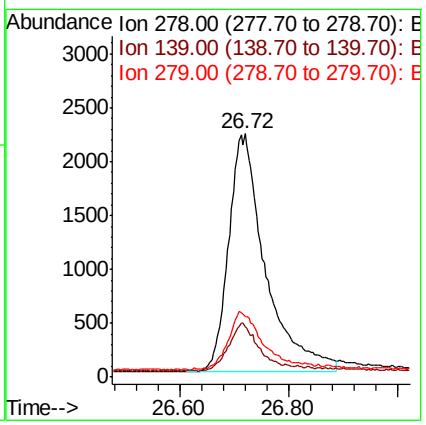


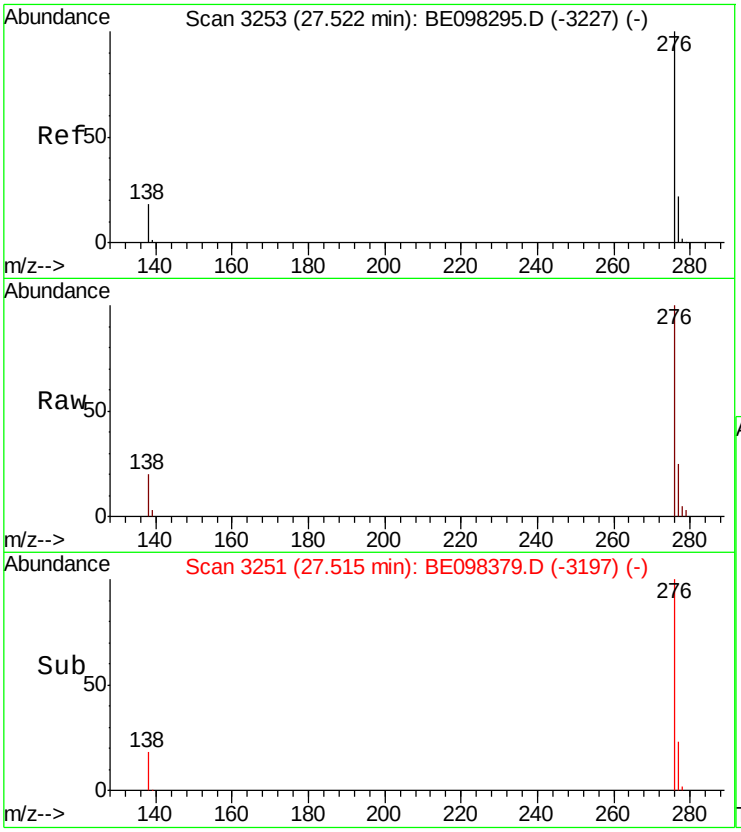


#38
Dibenzo(a,h)anthracene
Concen: 0.374 ng
RT: 26.72 min Scan# 3028
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:278 Resp: 10474

Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.5	21.7
279	25.0	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.378 ng
RT: 27.51 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10651

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.8	31.2
138	19.6	15.8	23.6