Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121918\
Data File : BE098530.D
Acq On : 19 Dec 2018 17:15
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 25 00:42:28 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	1482	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	7478	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4603	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	11099	0.40	ng		-0.01
27) Chrysene-d12	21.45	240	12301	0.40	ng		-0.01
34) Perylene-d12	24.00	264	10997	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1491	0.43	ng		0.01
5) Phenol-d6	7.05	99	2286	0.47	ng		0.00
8) Nitrobenzene-d5	9.03	82	2443	0.36	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	4895	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	688	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	7648	0.39	ng		0.00
25) Fluoranthene-d10	19.30	212	53078	0.37	ng		0.00
29) Terphenyl-d14	19.90	244	10697	0.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	829	0.323	ng		95
3) n-Nitrosodimethylamine	3.69	42	801	0.347	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	1645	0.352	ng		91
9) Naphthalene	10.72	128	29559	0.393	ng		100
10) Hexachlorobutadiene	10.99	225	1844	0.385	ng		98
12) 2-Methylnaphthalene	12.34	142	4826	0.395	ng		98
16) Acenaphthylene	14.24	152	7867	0.365	ng		99
17) Acenaphthene	14.59	154	5100	0.394	ng		100
18) Fluorene	15.57	166	6455	0.372	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	2346	0.393	ng	#	84
21) Hexachlorobenzene	16.58	284	2663	0.415	ng		97
22) Pentachlorophenol	16.94	266	465	0.443	ng		90
23) Phenanthrene	17.32	178	10531	0.390	ng		99
24) Anthracene	17.41	178	8856	0.368	ng		99
26) Fluoranthene	19.33	202	13194	0.370	ng		98
28) Pyrene	19.69	202	13926	0.361	ng		98
30) Benzo(a)anthracene	21.44	228	12873	0.368	ng		99
31) Chrysene	21.49	228	14228	0.388	ng		97
32) Bis(2-ethylhexyl)phthalate	21.35	149	25849	0.363	ng		99
33) Indeno(1,2,3-cd)pyrene	26.68	276	9519	0.261	ng		98
35) Benzo(b)fluoranthene	23.21	252	12061	0.401	ng		98
36) Benzo(k)fluoranthene	23.21	252	12061	0.344	ng		97
37) Benzo(a)pyrene	23.88	252	12435	0.401	ng		98
38) Dibenzo(a,h)anthracene	26.71	278	9129	0.312	ng	#	88
39) Benzo(g,h,i)perylene	27.50	276	7228	0.245	ng		99

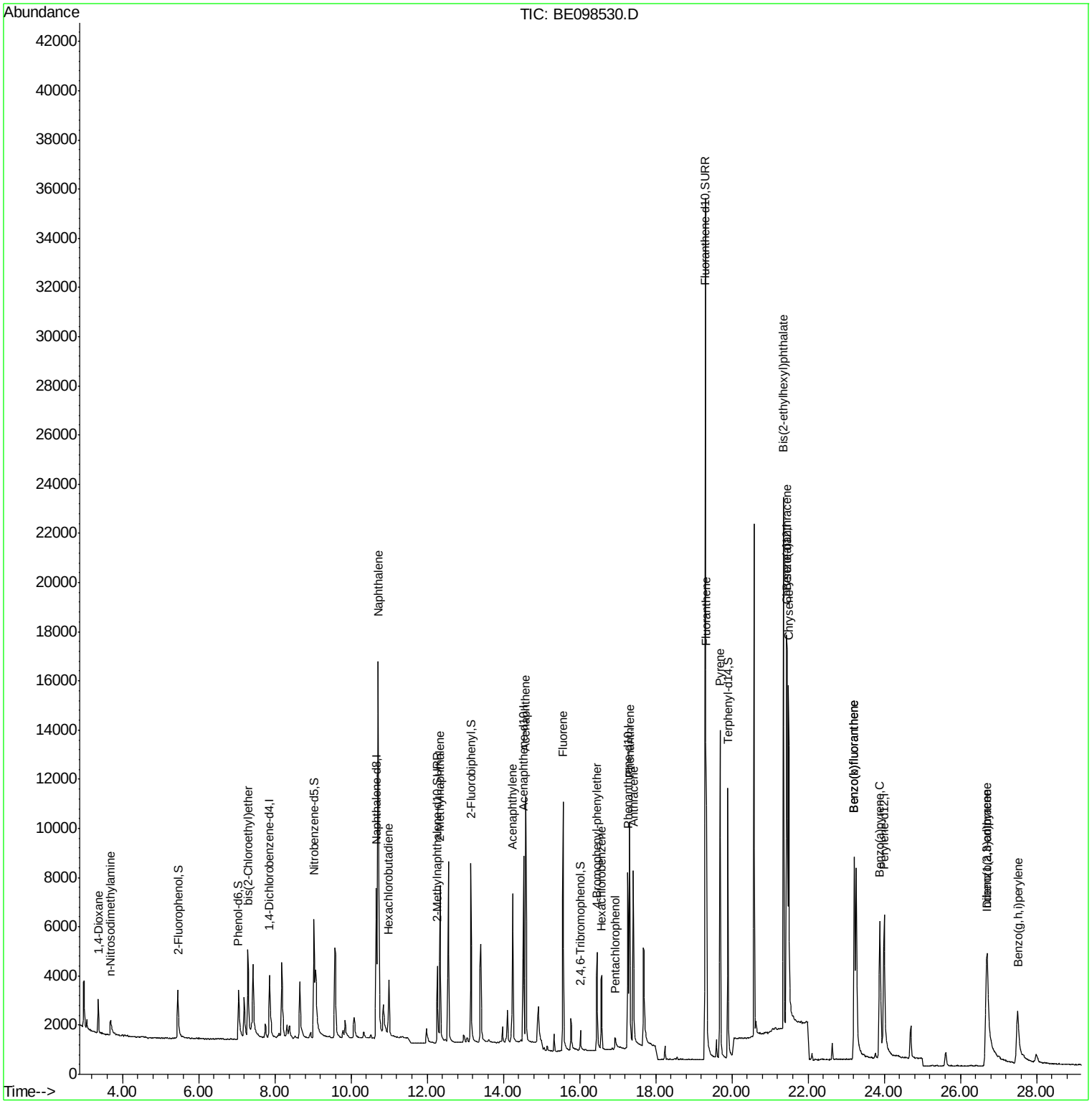
(#) = qualifier out of range (m) = manual integration (+) = signals summed

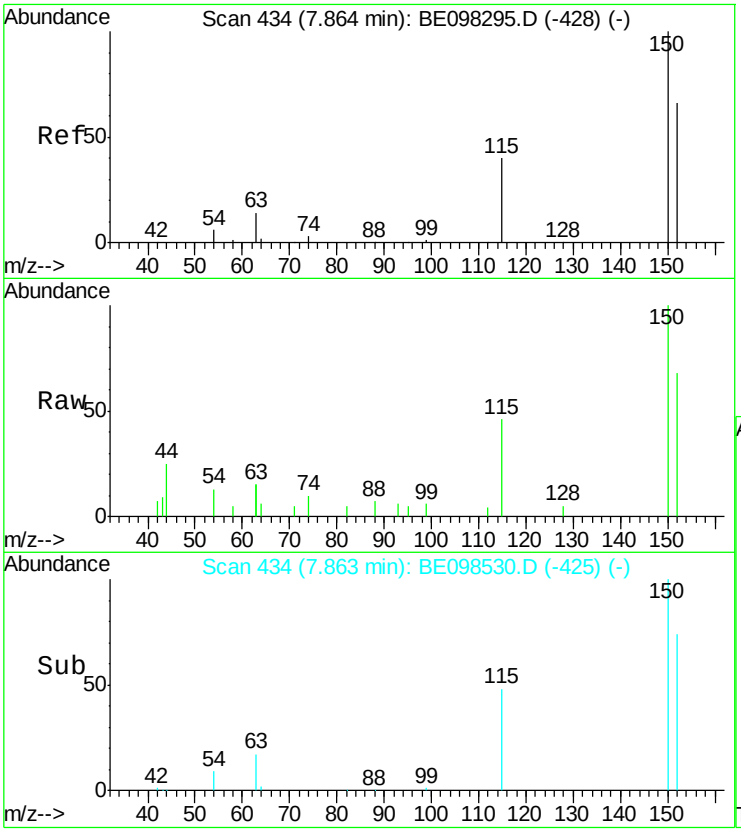
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121918\
Data File : BE098530.D
Acq On : 19 Dec 2018 17:15
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 25 00:42:28 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



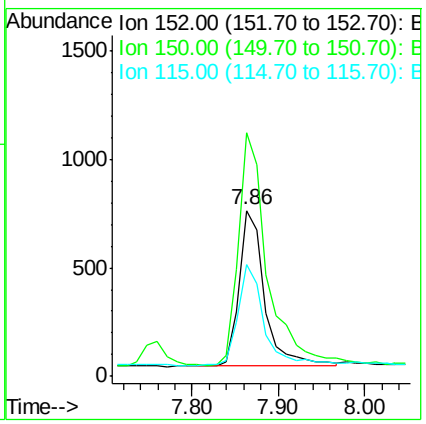


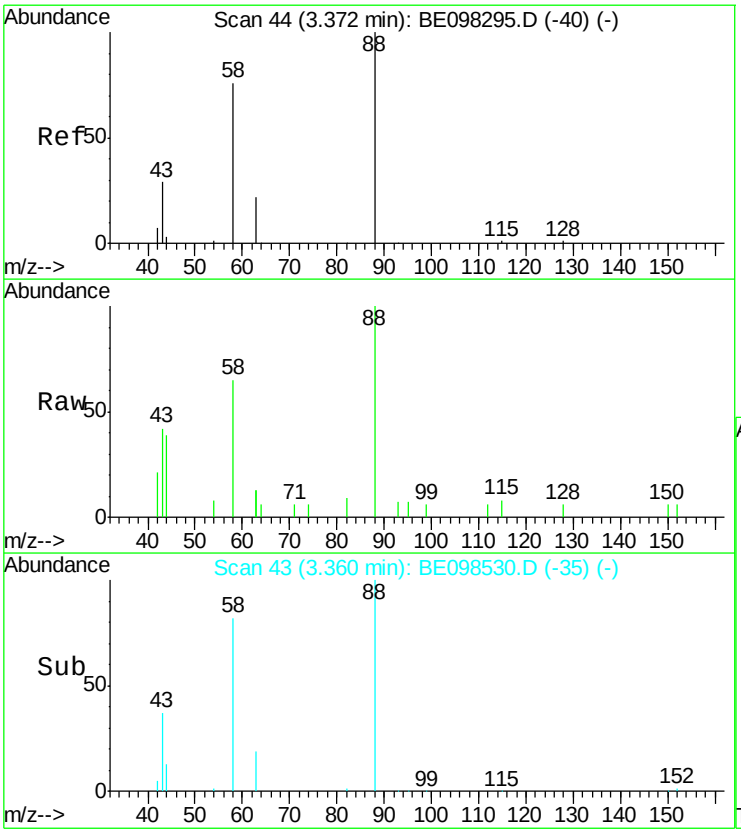
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1482

Ion	Ratio	Lower	Upper
152	100		
150	147.0	124.2	186.4
115	67.5	53.9	80.9

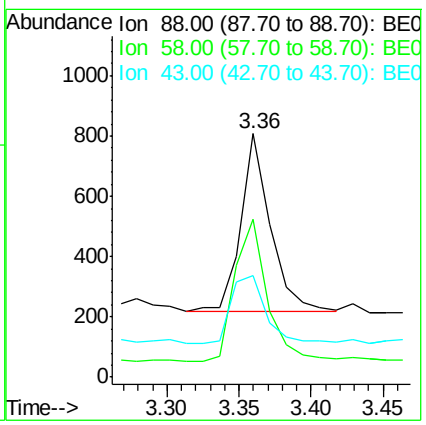


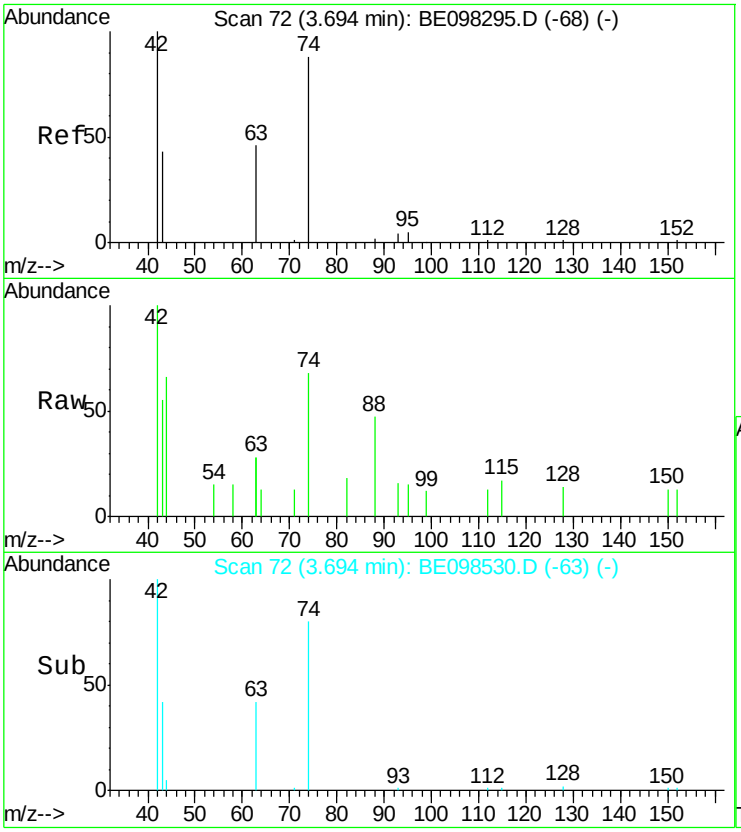


#2
1,4-Dioxane
Concen: 0.323 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion: 88 Resp: 829

Ion	Ratio	Lower	Upper
88	100		
58	88.1	75.0	112.6
43	46.7	38.3	57.5



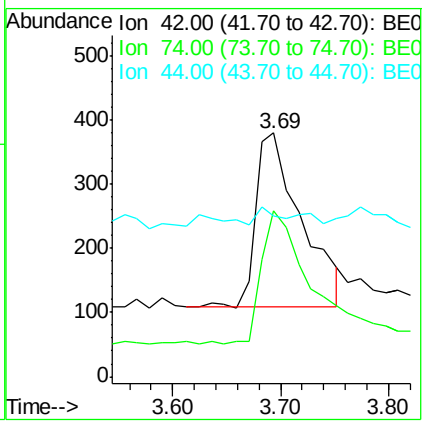


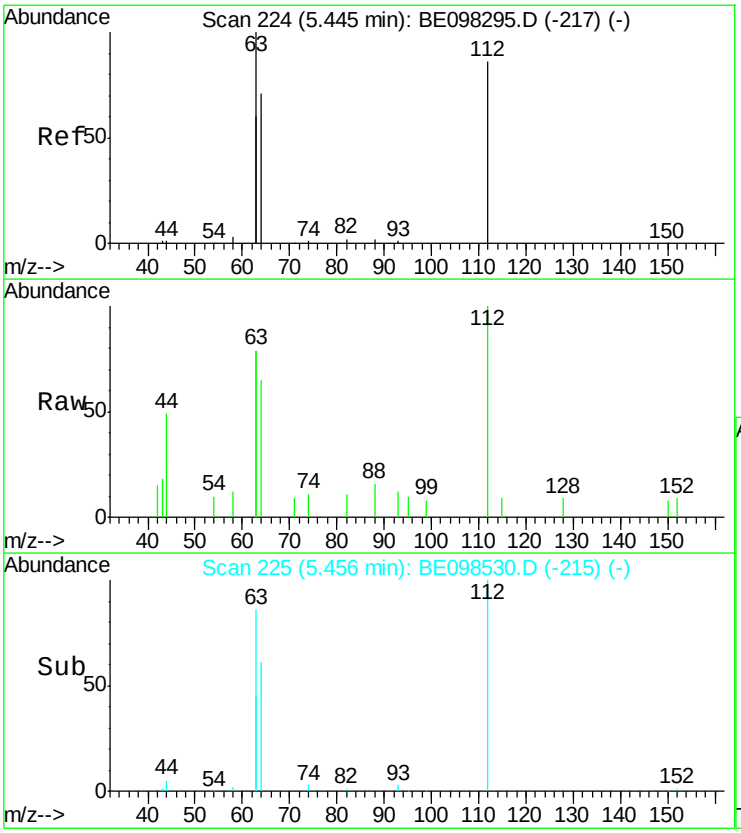
#3
n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 801

Ion	Ratio	Lower	Upper
42	100		
74	75.3	0.0	0.0#
44	3.2	0.0	0.0#

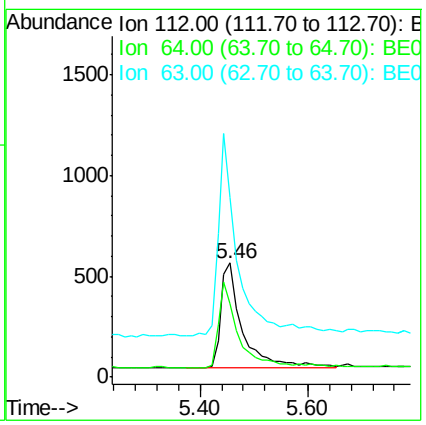


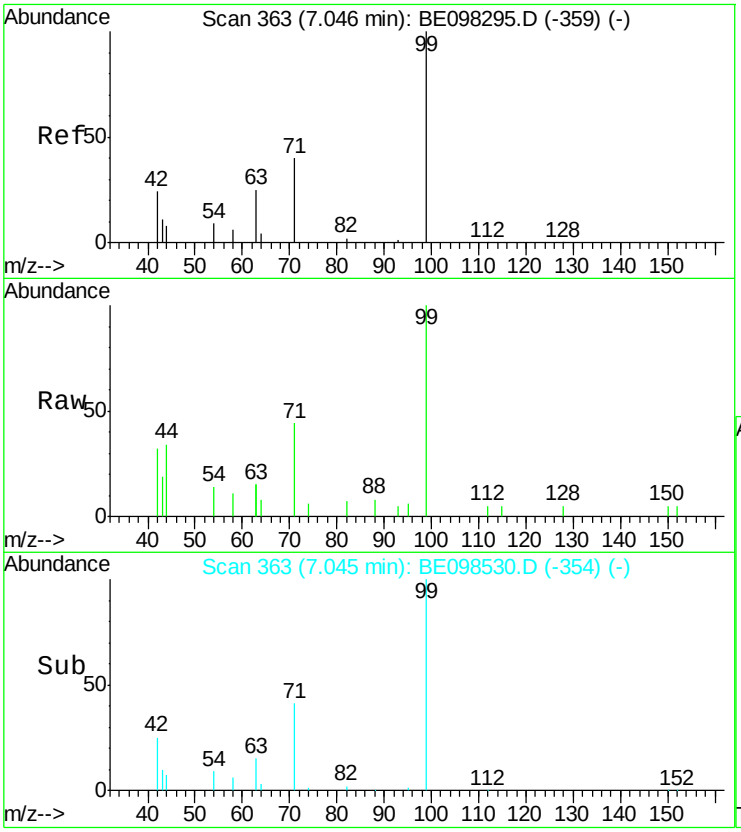


#4
2-Fluorophenol
Concen: 0.430 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:112 Resp: 1491

Ion	Ratio	Lower	Upper
112	100		
64	75.5	59.8	89.8
63	174.1	133.7	200.5



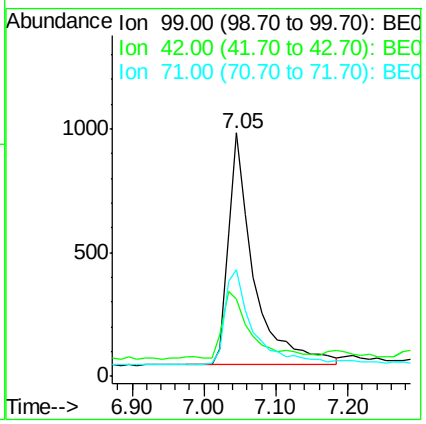


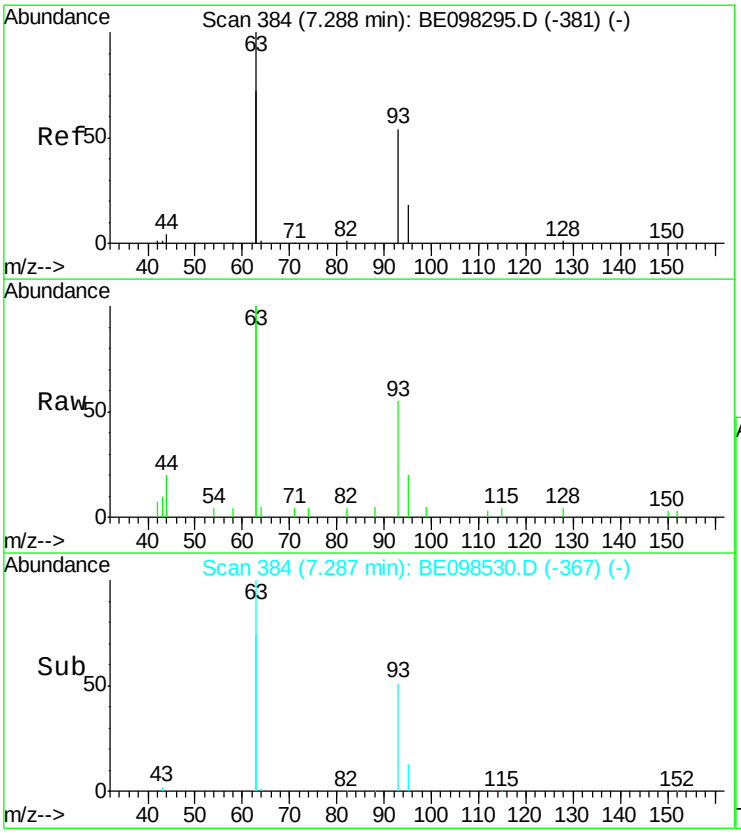
#5
Phenol-d6
Concen: 0.465 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2286

Ion	Ratio	Lower	Upper
99	100		
42	32.3	26.3	39.5
71	44.6	33.6	50.4

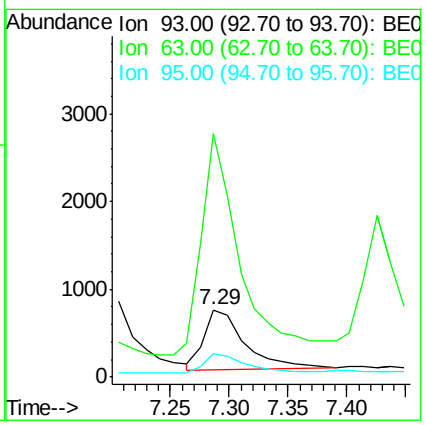


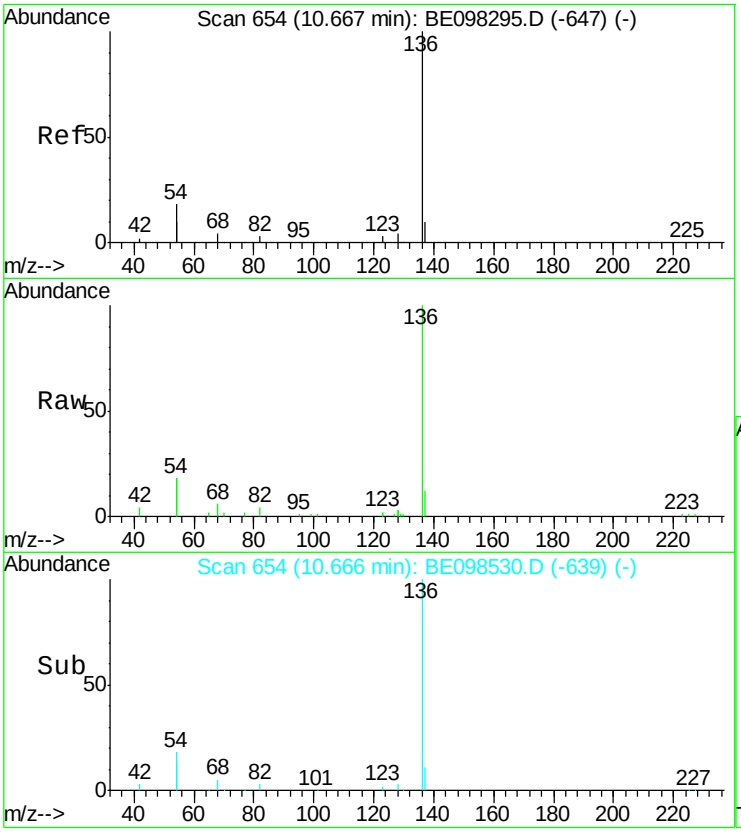


#6
bis(2-Chloroethyl)ether
Concen: 0.352 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion: 93 Resp: 1645

Ion	Ratio	Lower	Upper
93	100		
63	351.7	264.4	396.6
95	33.7	26.6	40.0



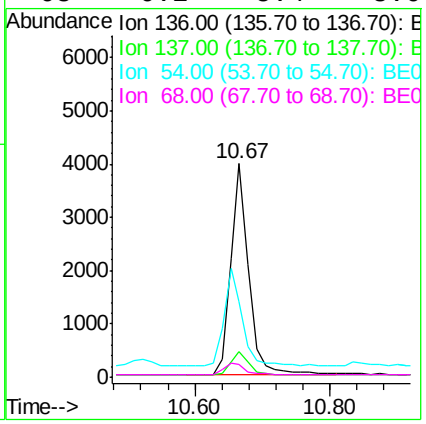


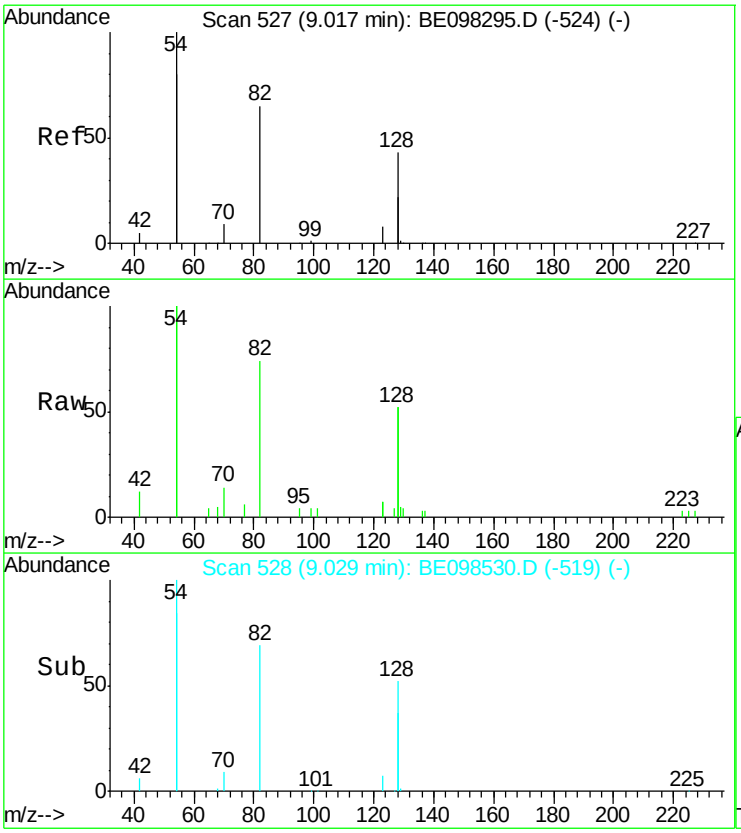
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 7478

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	35.4	28.4	42.6
68	6.2	5.4	8.0

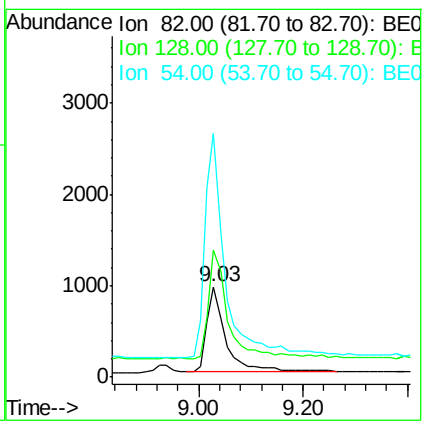


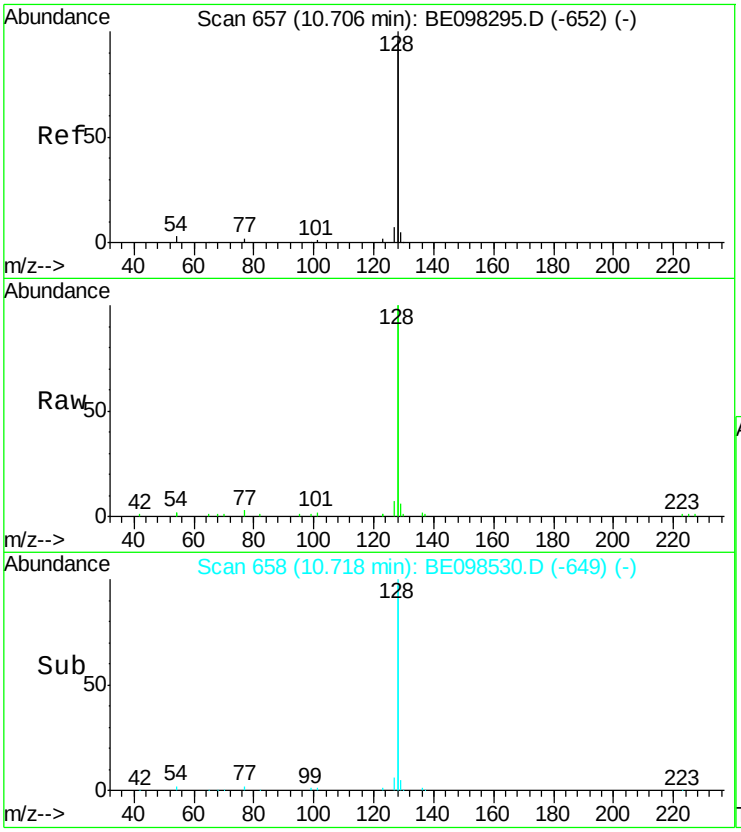


#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion: 82 Resp: 2443

Ion	Ratio	Lower	Upper
82	100		
128	139.9	102.4	153.6
54	268.8	221.8	332.8



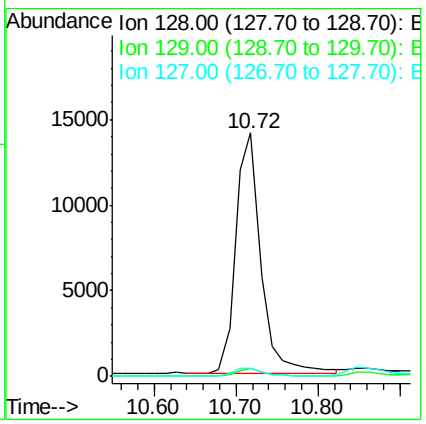


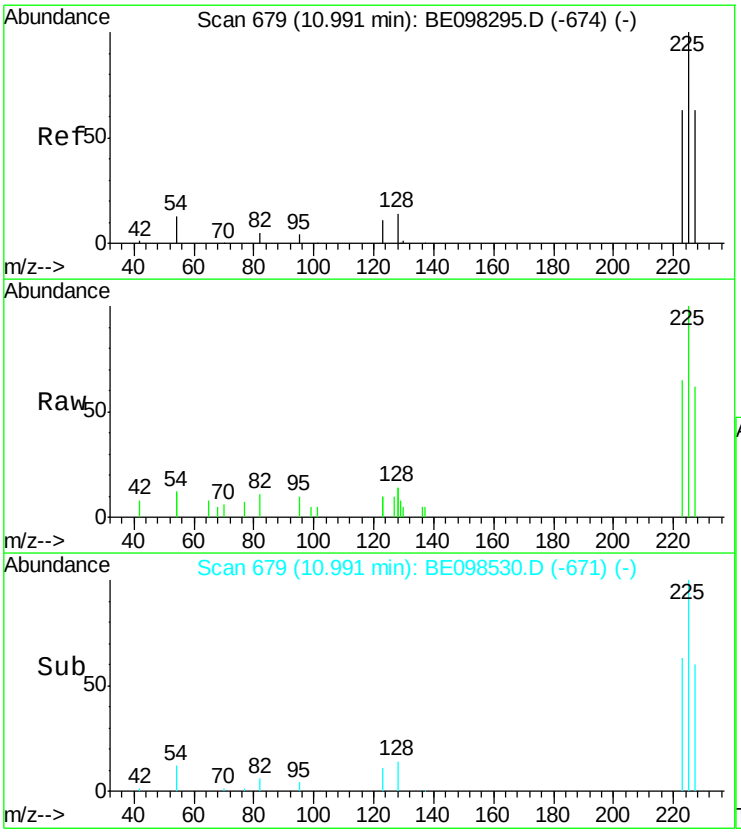
#9
Naphthalene
Concen: 0.393 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 29559

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	3.5	2.7	4.1

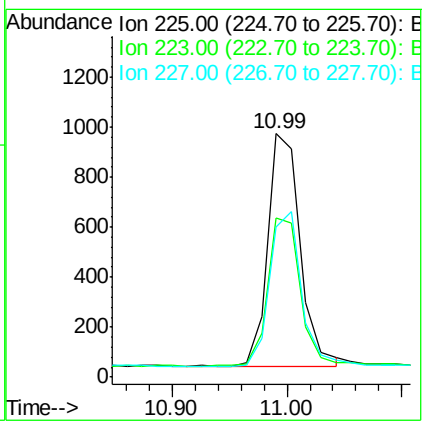


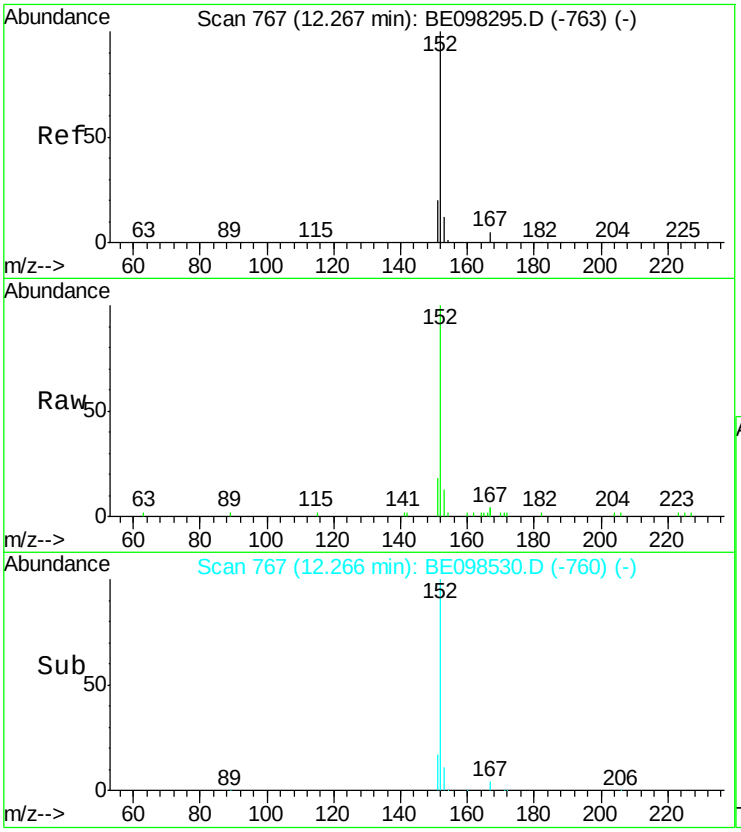


#10
Hexachlorobutadiene
Concen: 0.385 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:225 Resp: 1844

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.0
227	64.6	52.0	78.0



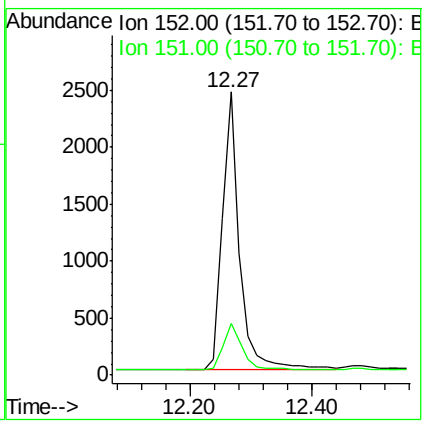


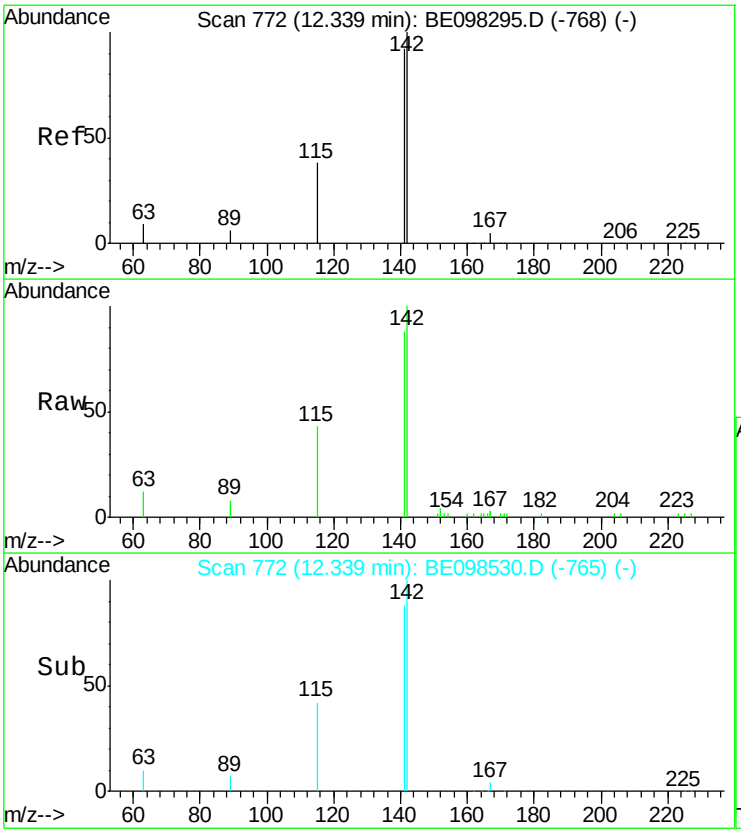
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4895

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.2	24.4

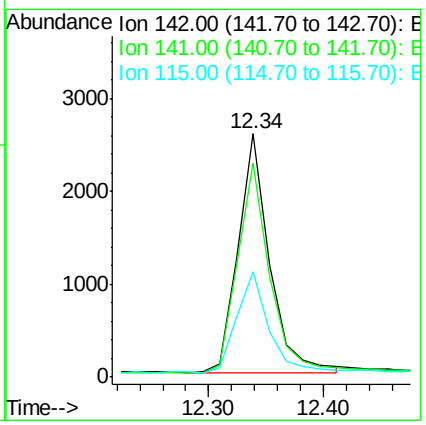


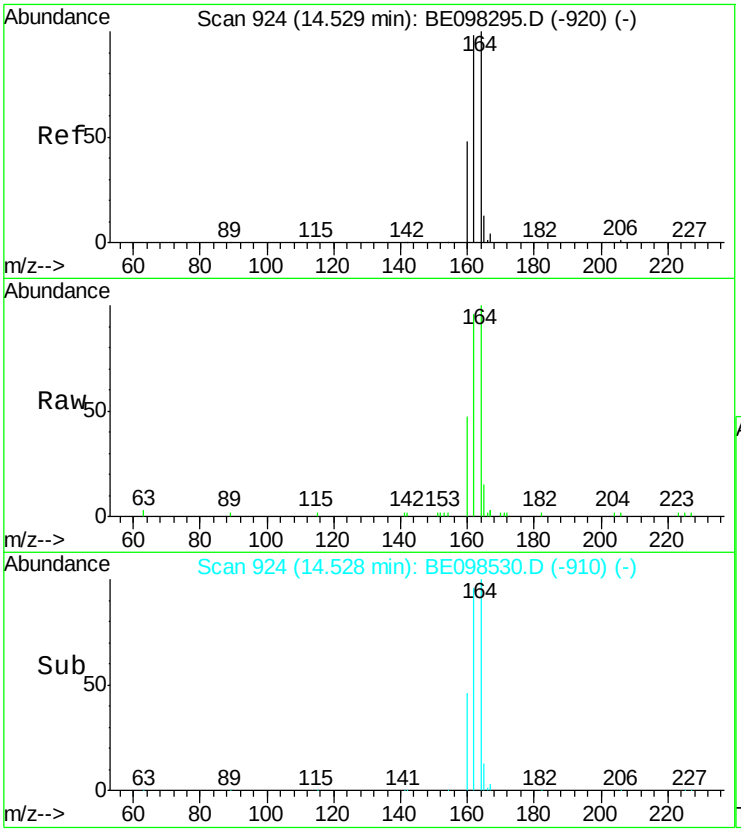


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:142 Resp: 4826

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6
115	43.2	32.2	48.2



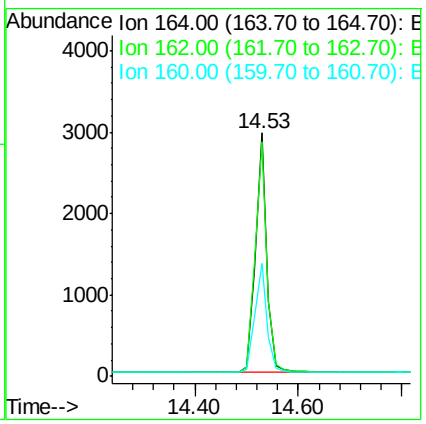


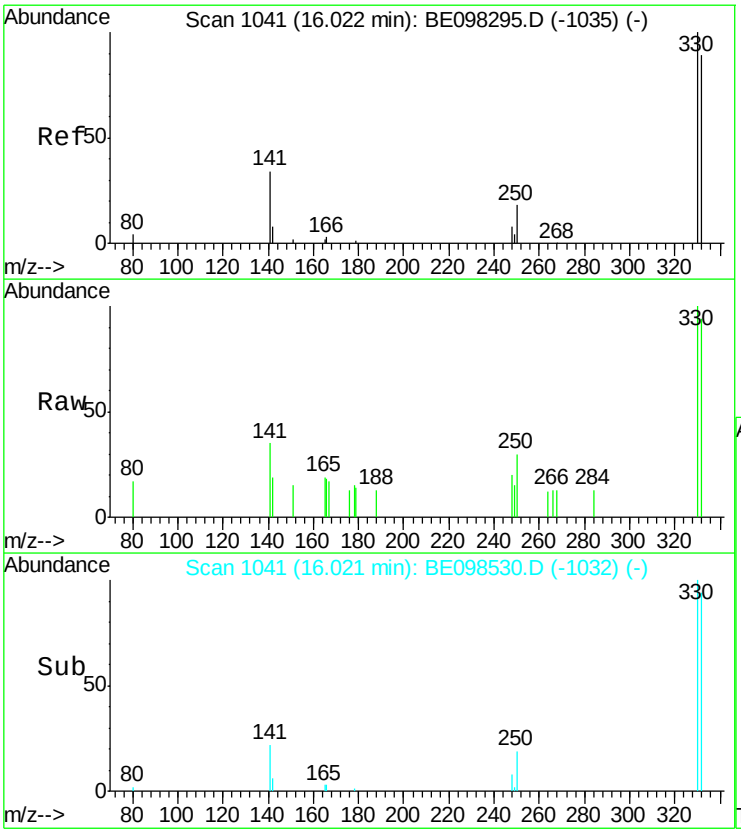
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 4603

Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.6	116.4
160	46.6	36.0	54.0

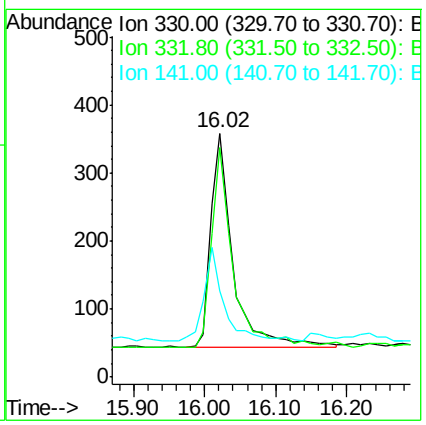


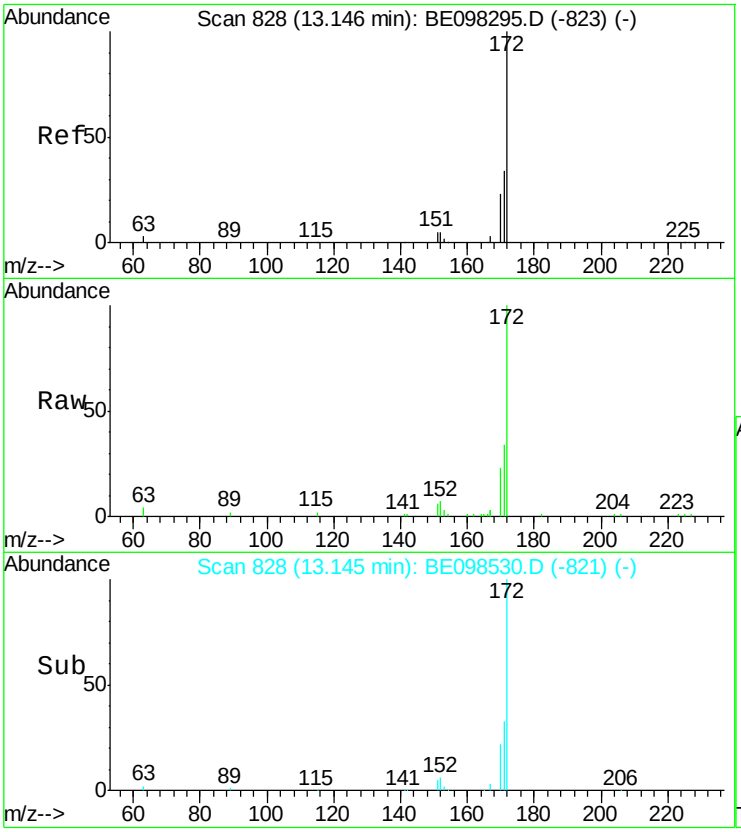


#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:330 Resp: 688

Ion	Ratio	Lower	Upper
330	100		
332	91.4	76.2	114.4
141	39.0	39.0	58.4#



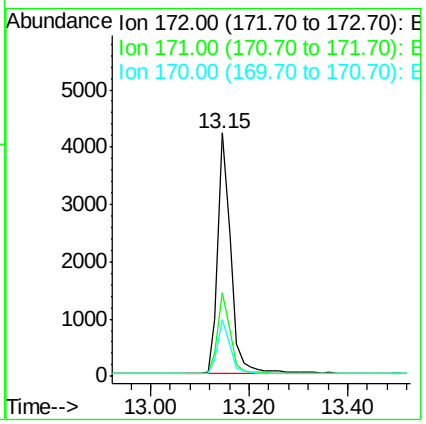


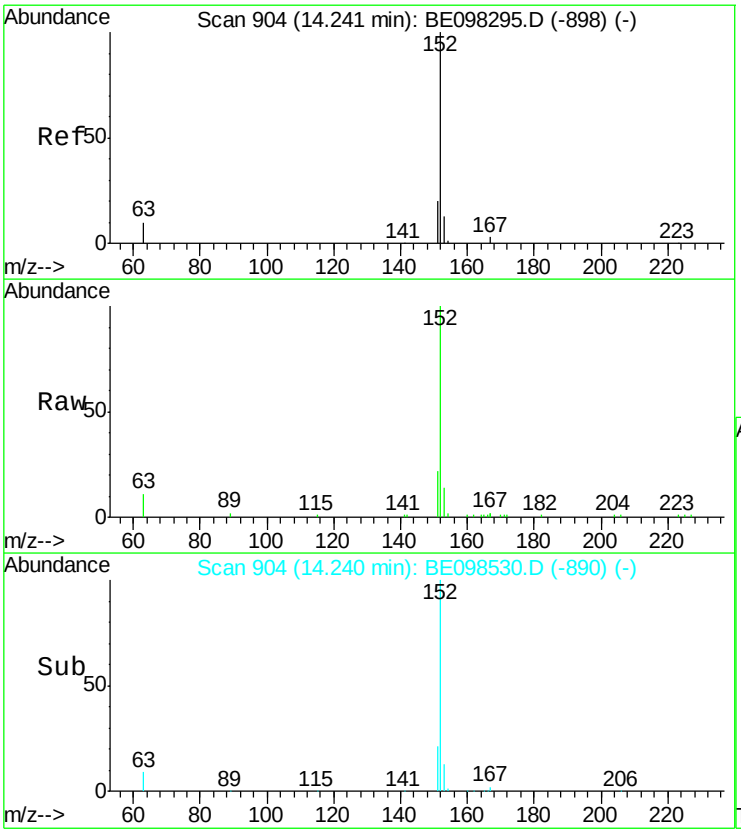
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 7648

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.5	41.3
170	23.1	19.6	29.4

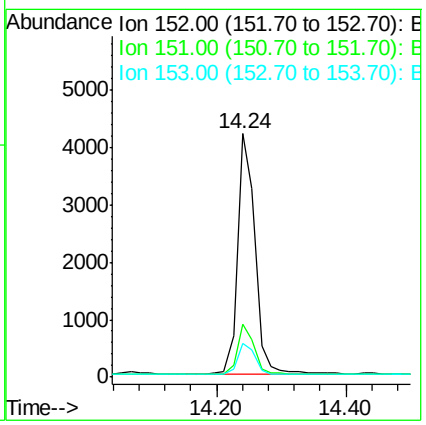


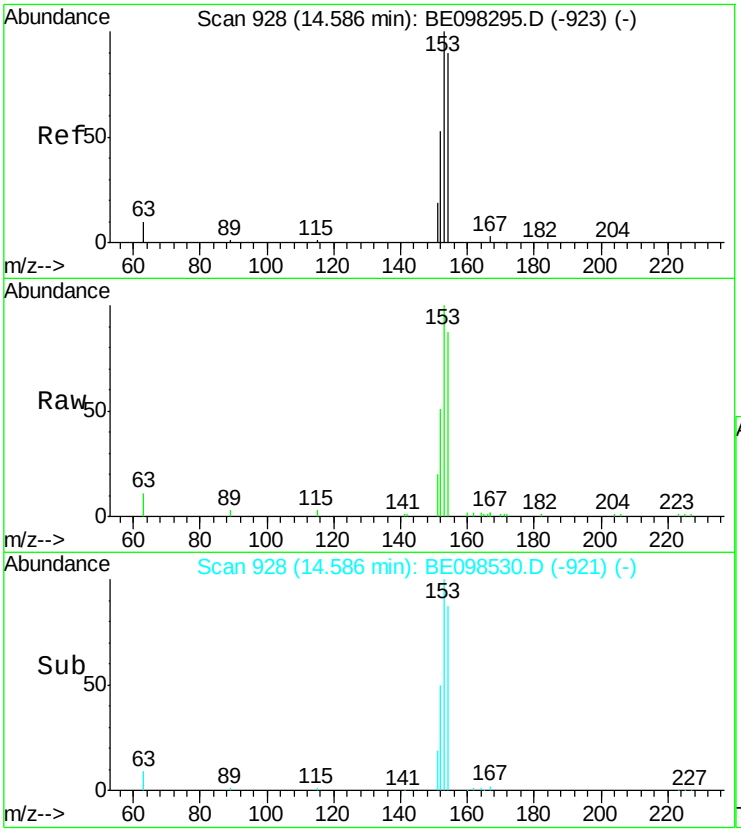


#16
Acenaphthylene
Concen: 0.365 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:152 Resp: 7867

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.3	10.6	16.0



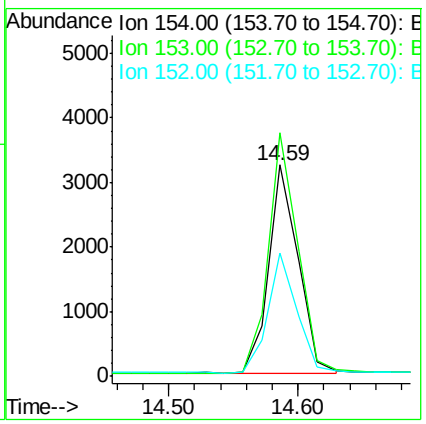


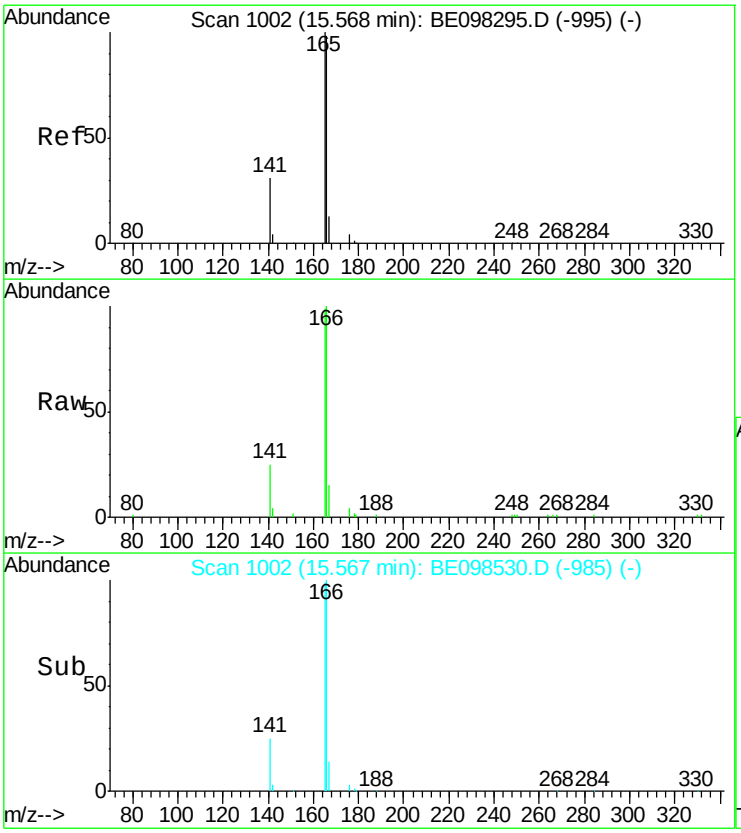
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 5100

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.8	137.6
152	56.9	45.5	68.3

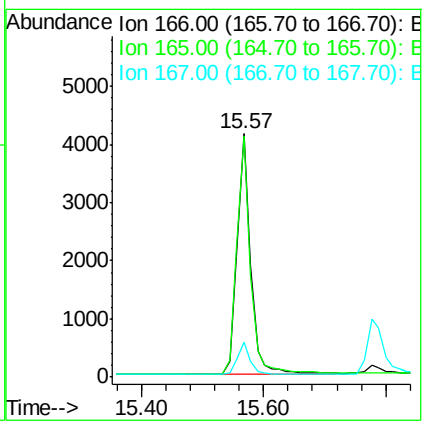


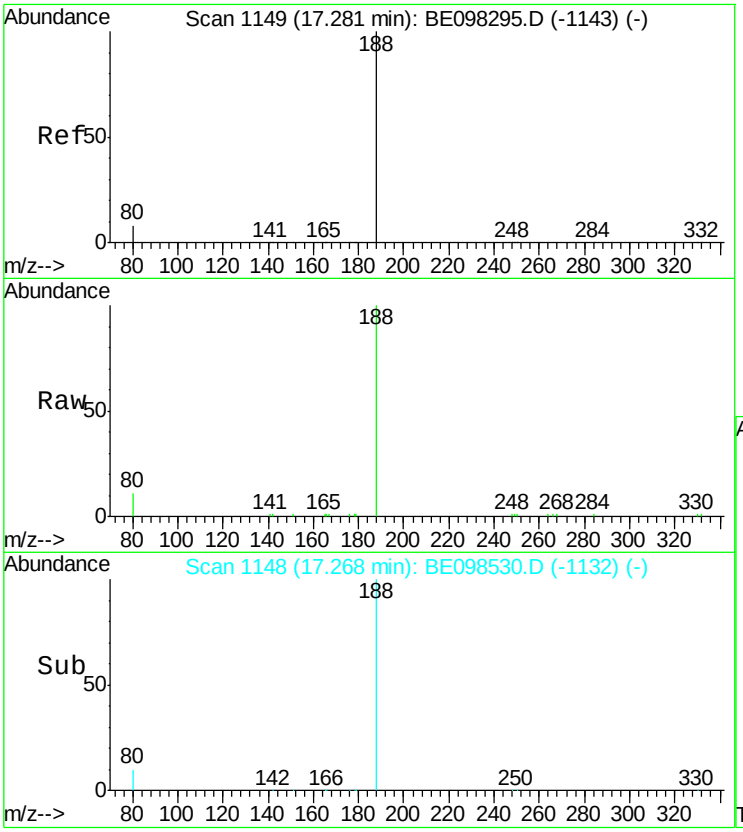


#18
Fluorene
Concen: 0.372 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:166 Resp: 6455

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.3	118.9
167	13.2	11.3	16.9



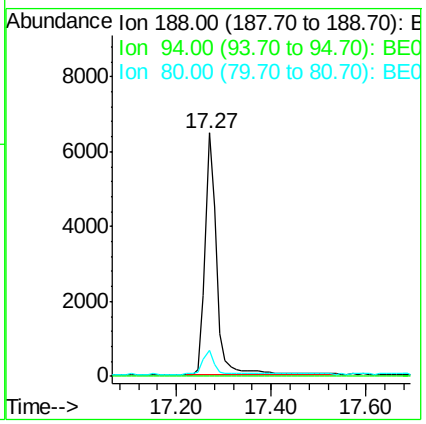


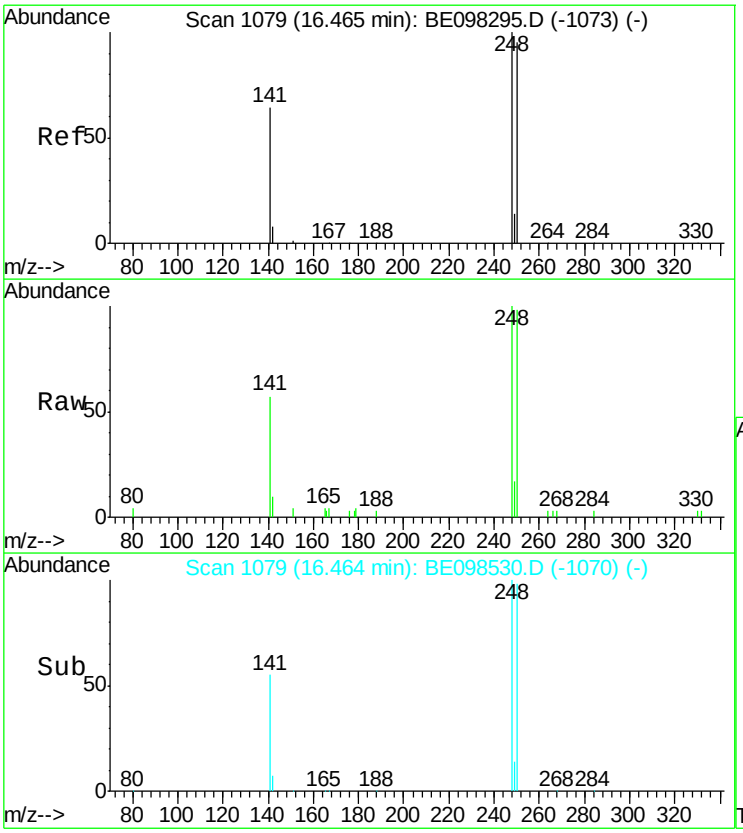
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 11099

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	7.2	10.8

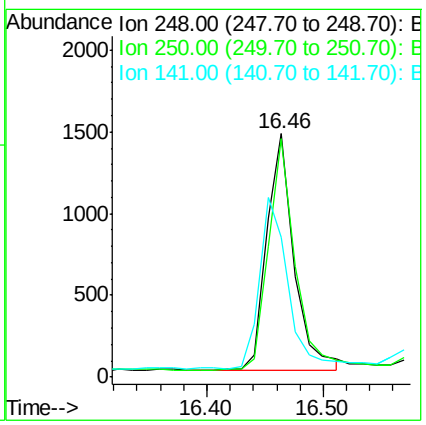


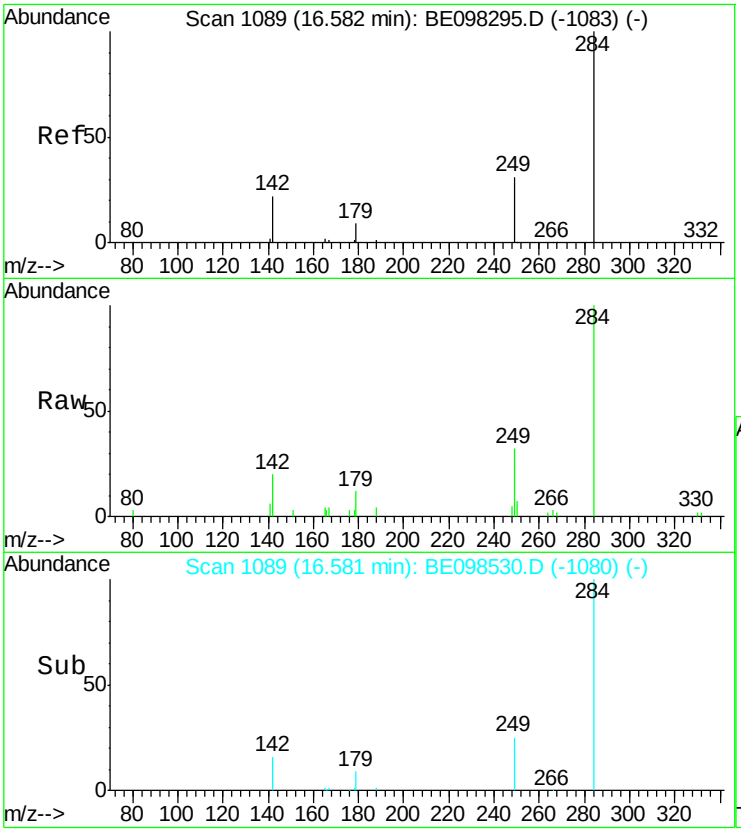


#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:248 Resp: 2346

Ion	Ratio	Lower	Upper
248	100		
250	97.8	71.0	106.6
141	57.4	62.1	93.1#



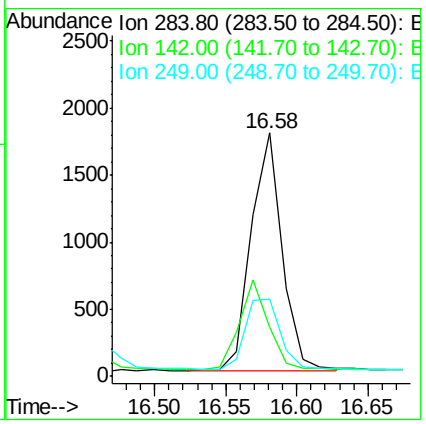


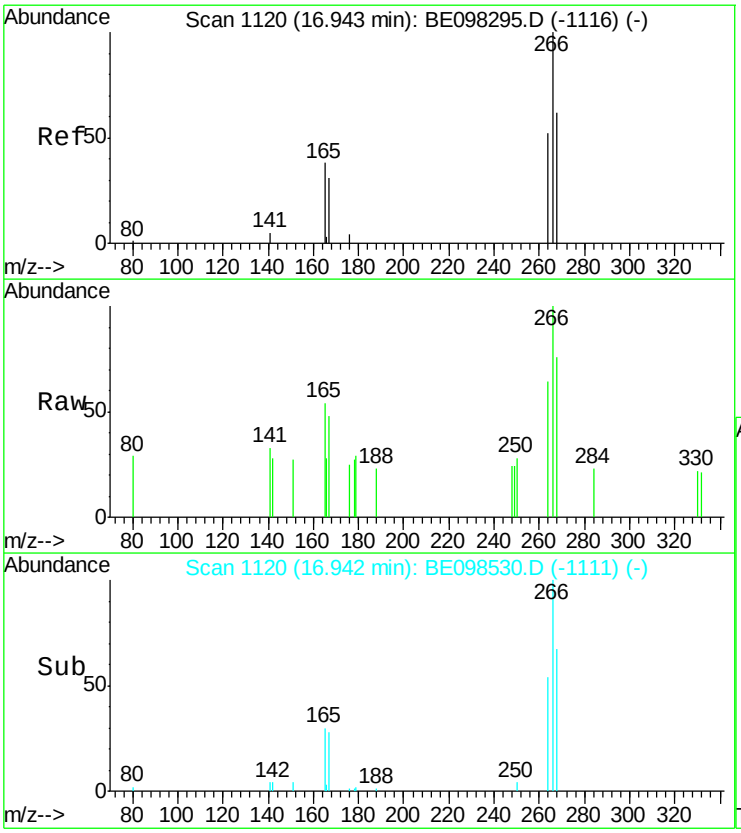
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2663

Ion	Ratio	Lower	Upper
284	100		
142	35.4	26.3	39.5
249	33.8	26.0	39.0

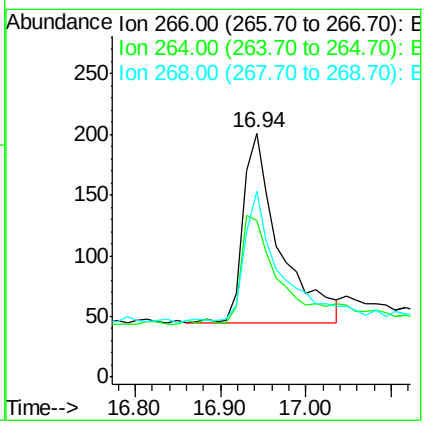


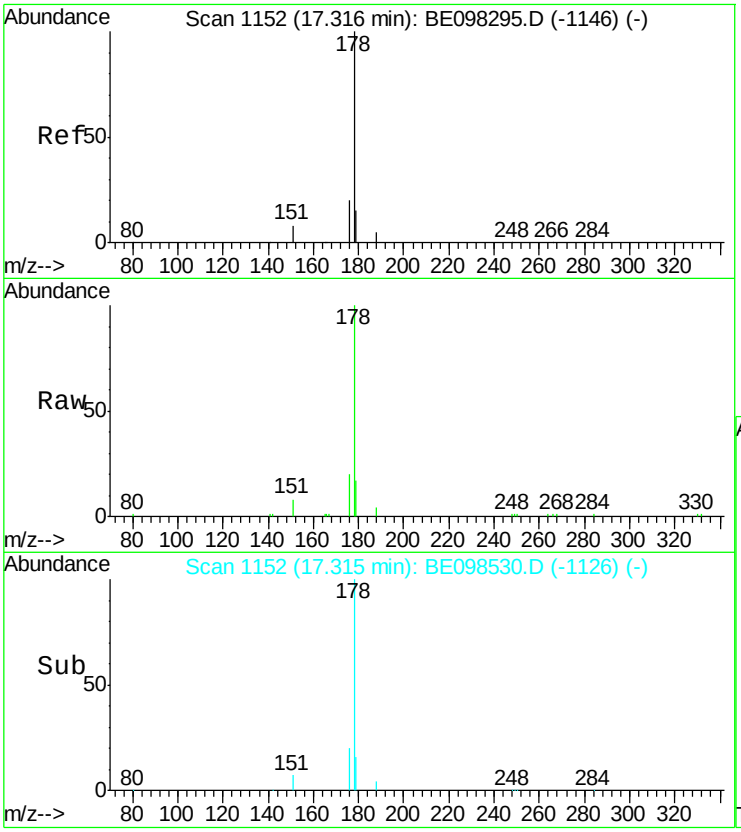


#22
Pentachlorophenol
Concen: 0.443 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:266 Resp: 465

Ion	Ratio	Lower	Upper
266	100		
264	64.2	59.0	88.4
268	76.1	55.1	82.7



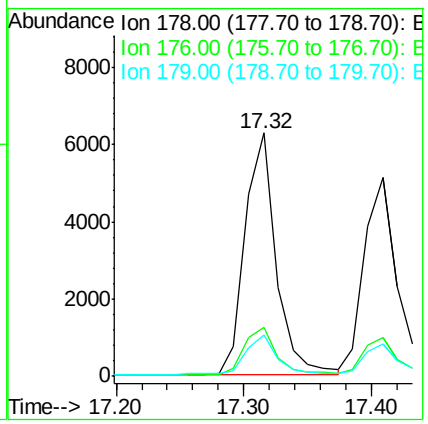


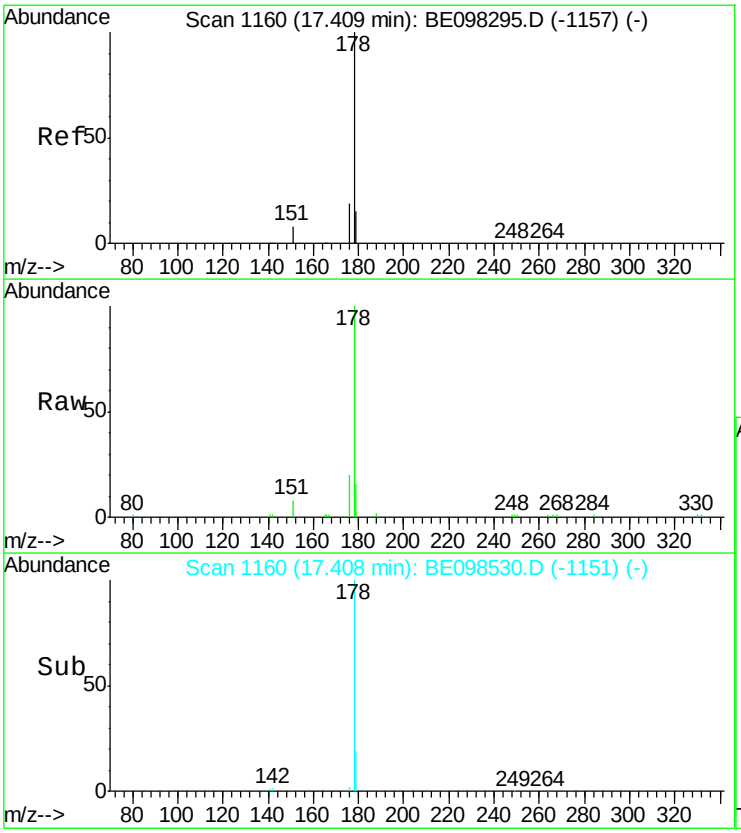
#23
Phenanthrene
Concen: 0.390 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 10531

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.5	12.3	18.5

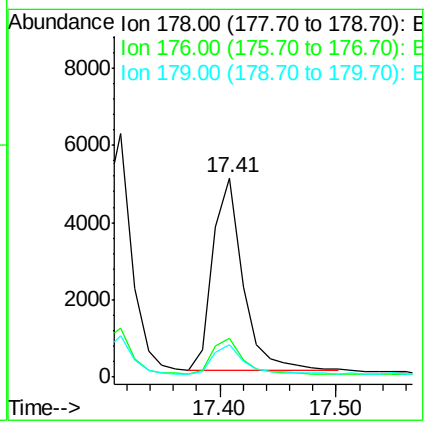


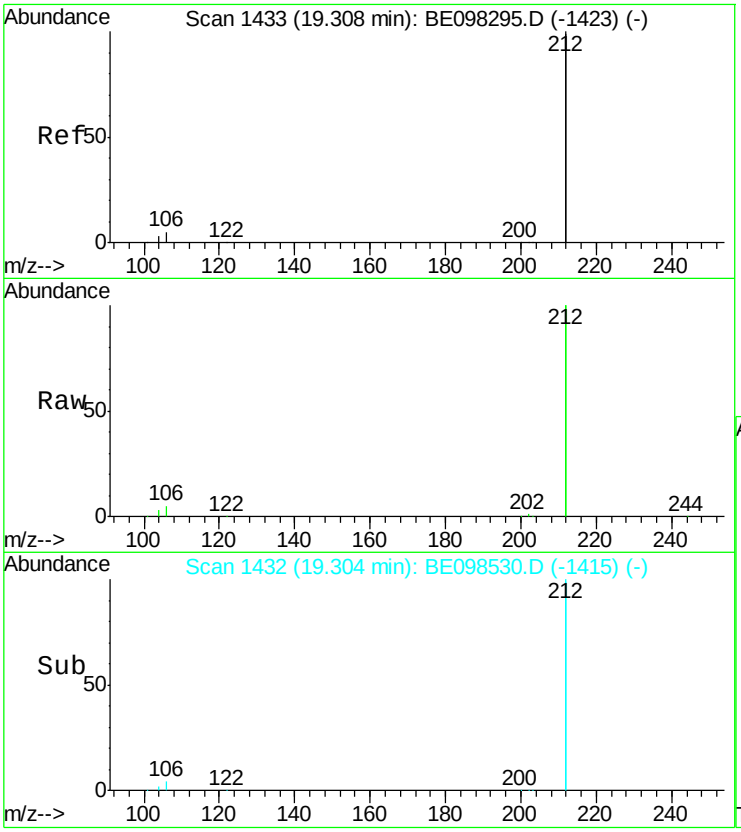


#24
Anthracene
Concen: 0.368 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:178 Resp: 8856

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	16.0	12.3	18.5



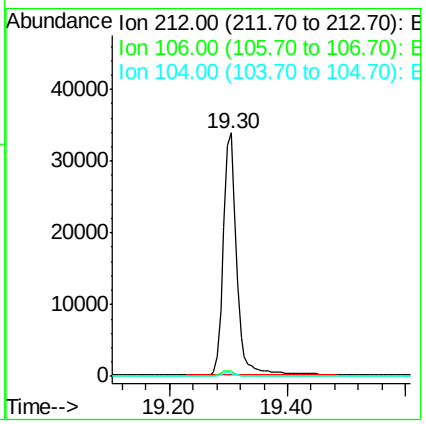


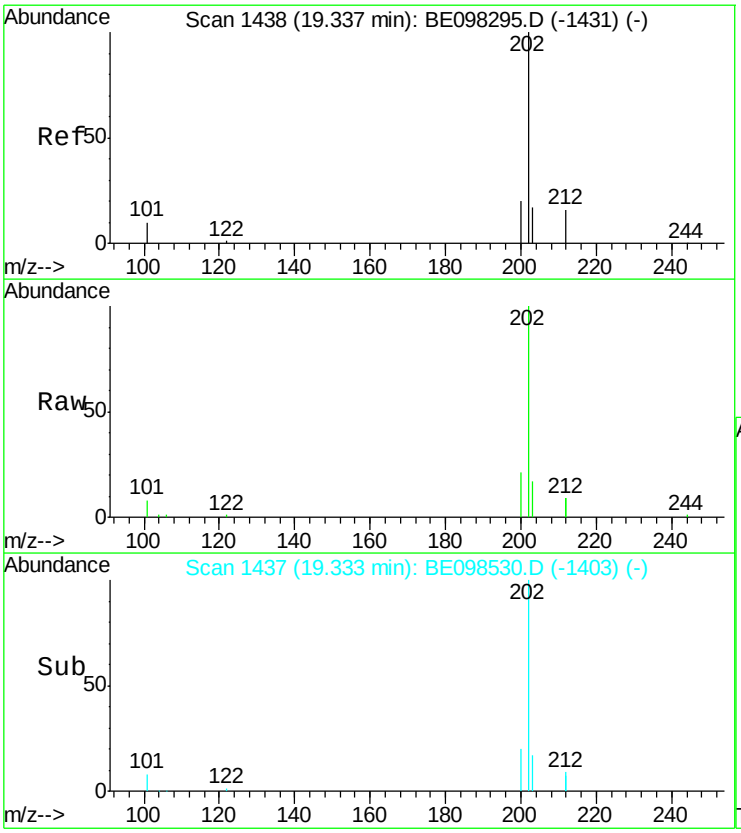
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 53078

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

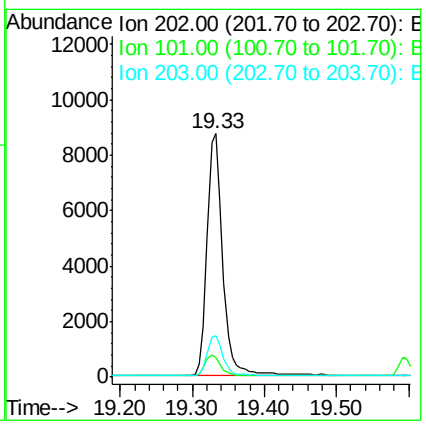


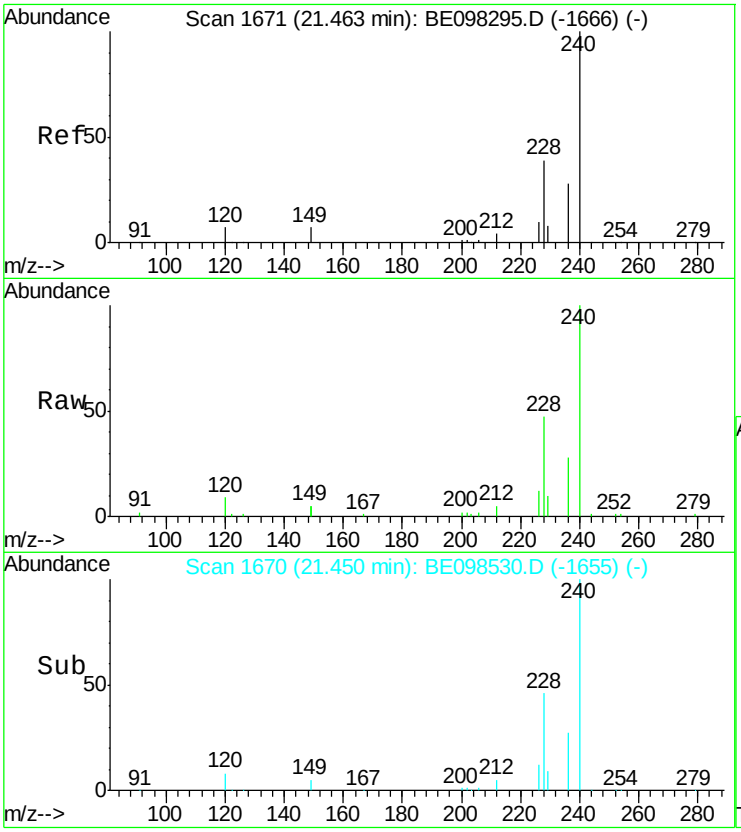


#26
Fluoranthene
Concen: 0.370 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:202 Resp: 13194

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.0	12.0
203	16.5	13.8	20.6



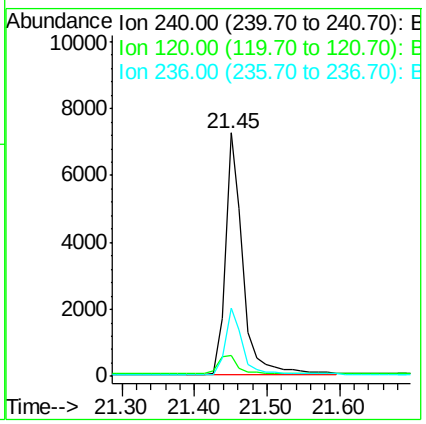


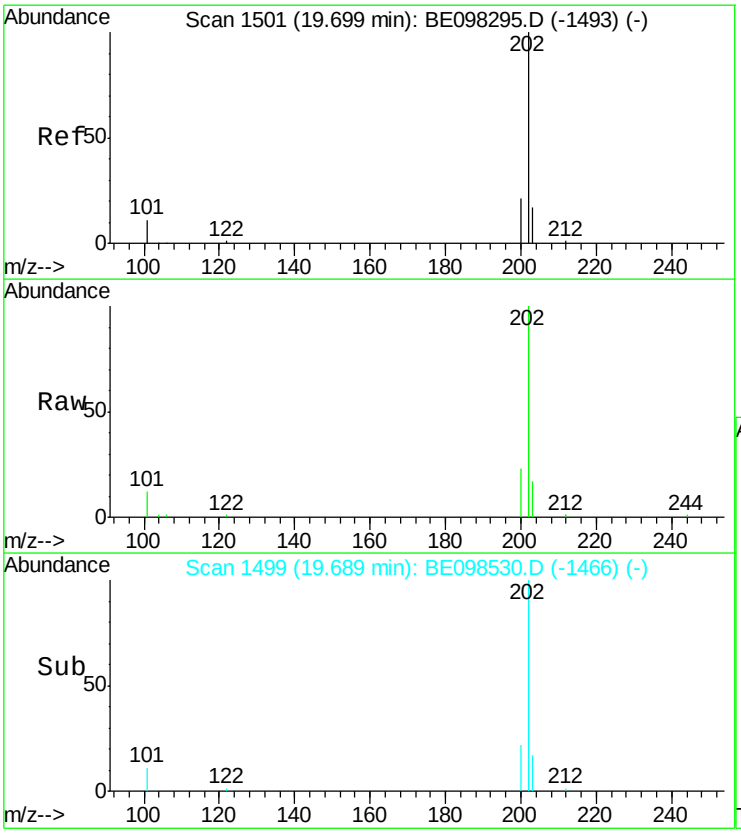
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 12301

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	27.9	22.7	34.1

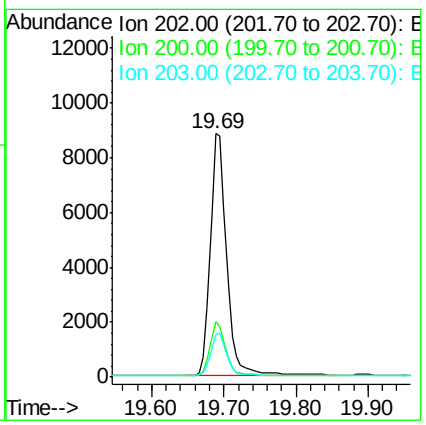


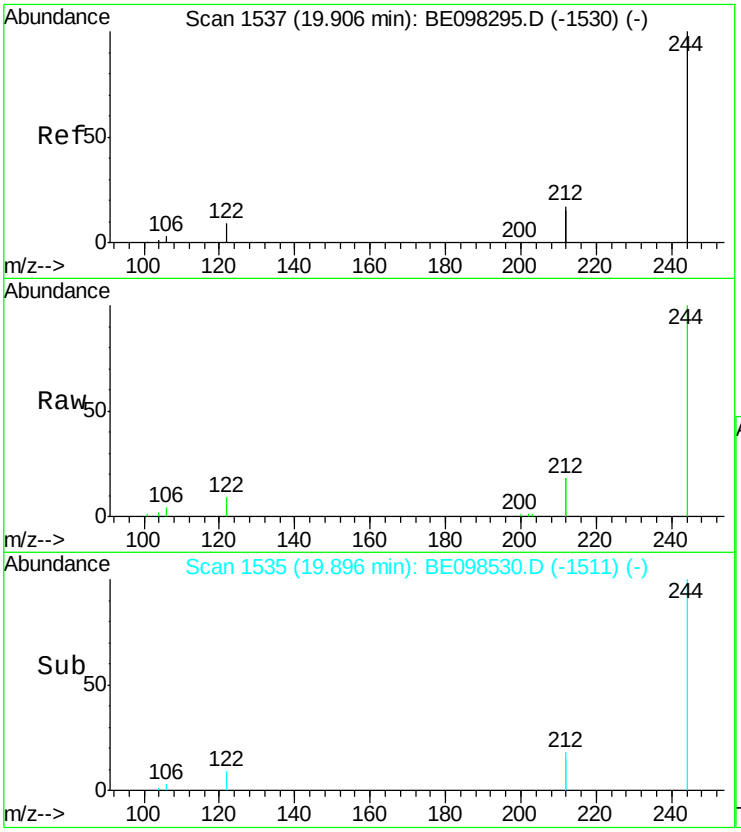


#28
Pyrene
Concen: 0.361 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:202 Resp: 13926

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.7	25.1
203	17.0	14.1	21.1



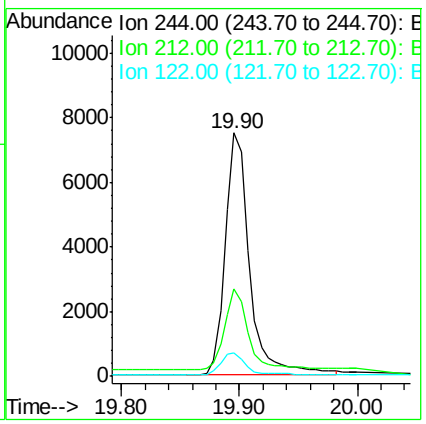


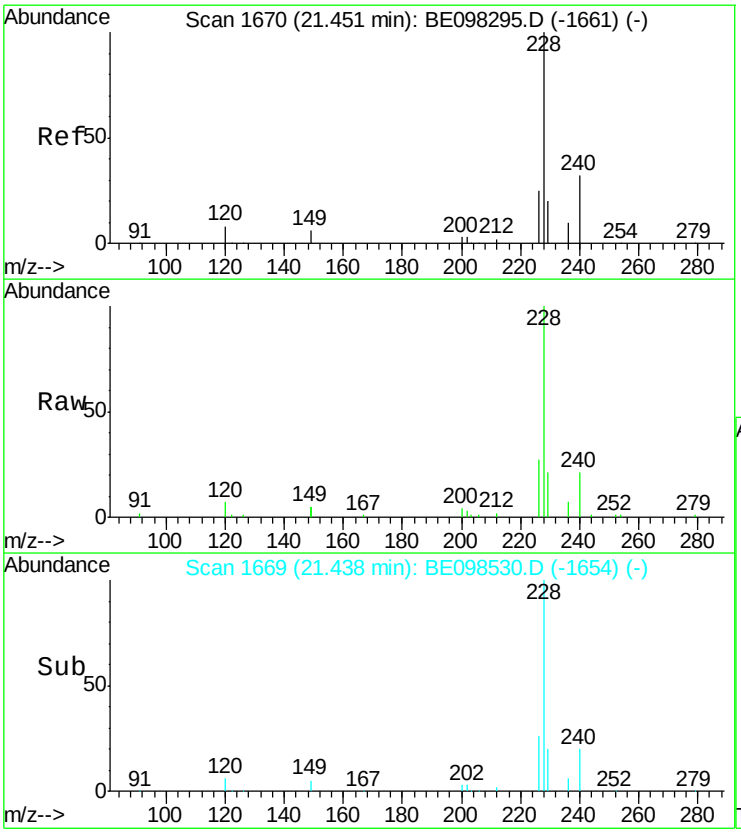
#29
Terphenyl-d14
Concen: 0.358 ng
RT: 19.90 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 10697

Ion	Ratio	Lower	Upper
244	100		
212	35.7	27.4	41.0
122	9.4	8.3	12.5

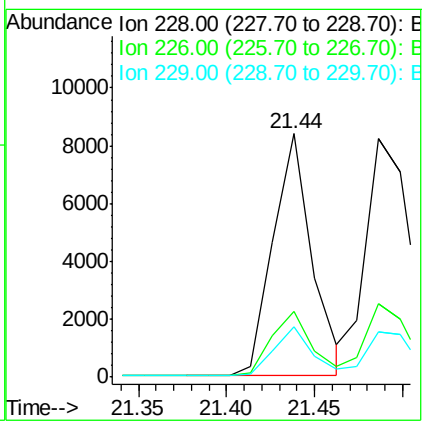


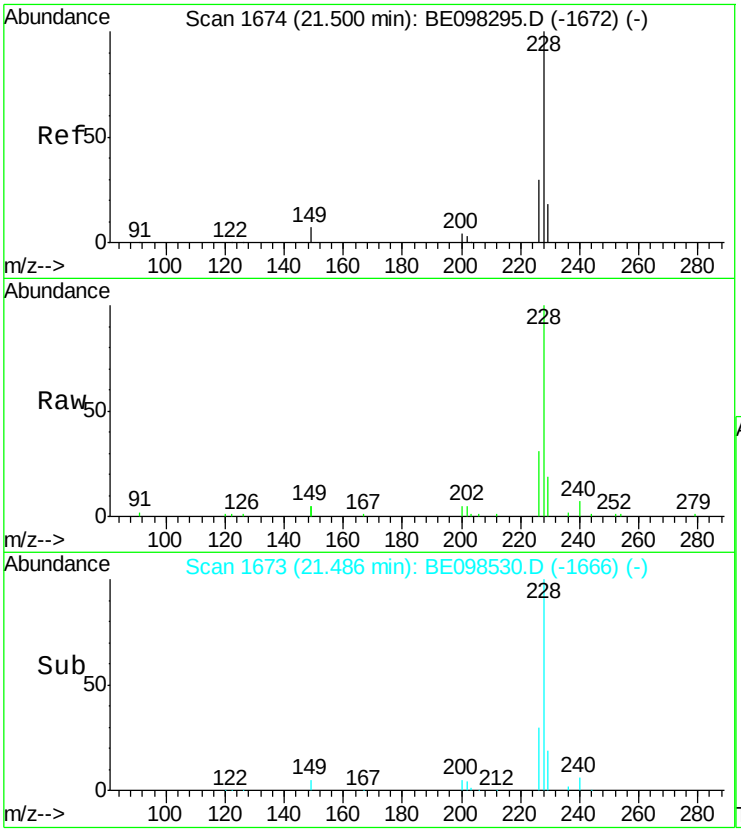


#30
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:228 Resp: 12873

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	20.7	16.3	24.5



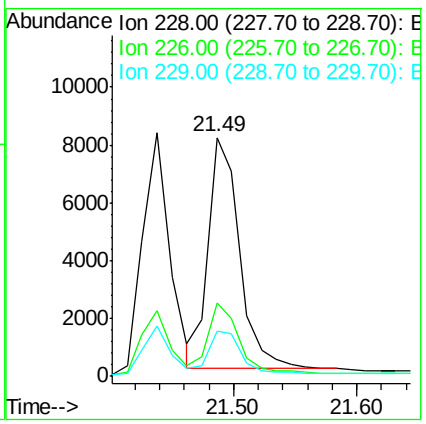


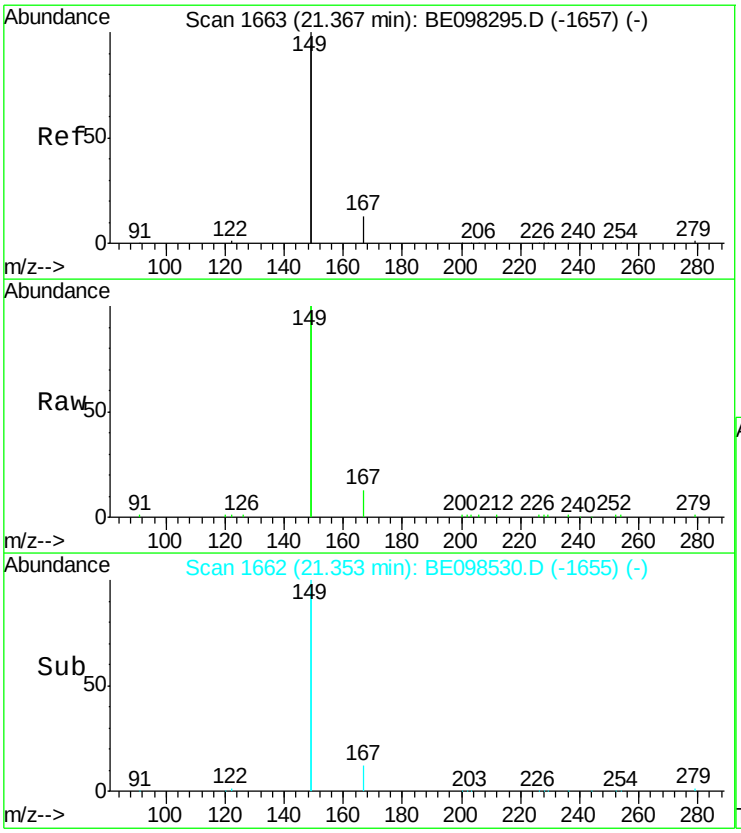
#31
Chrysene
Concen: 0.388 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 14228

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	19.1	16.2	24.4

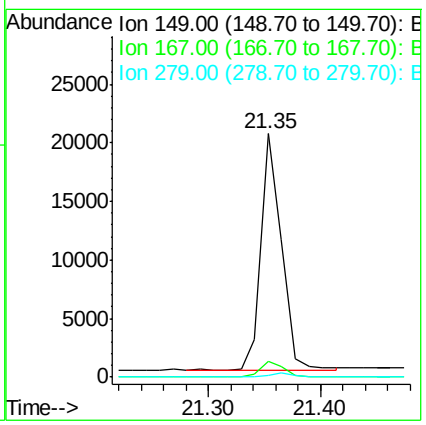


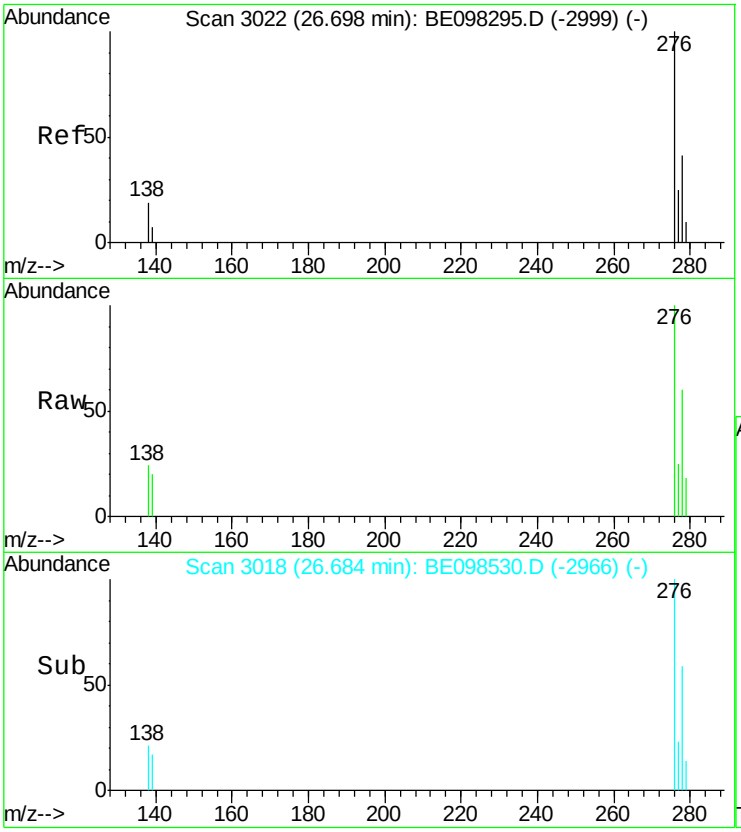


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:149 Resp: 25849

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.7	8.5
279	1.1	1.0	1.4



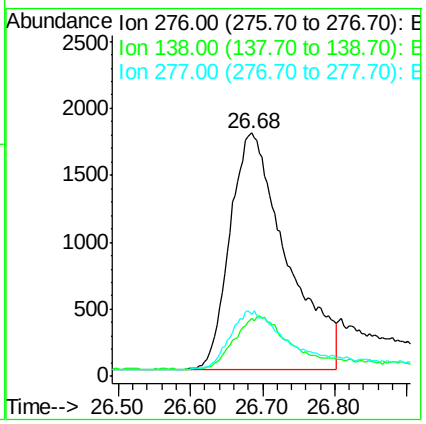


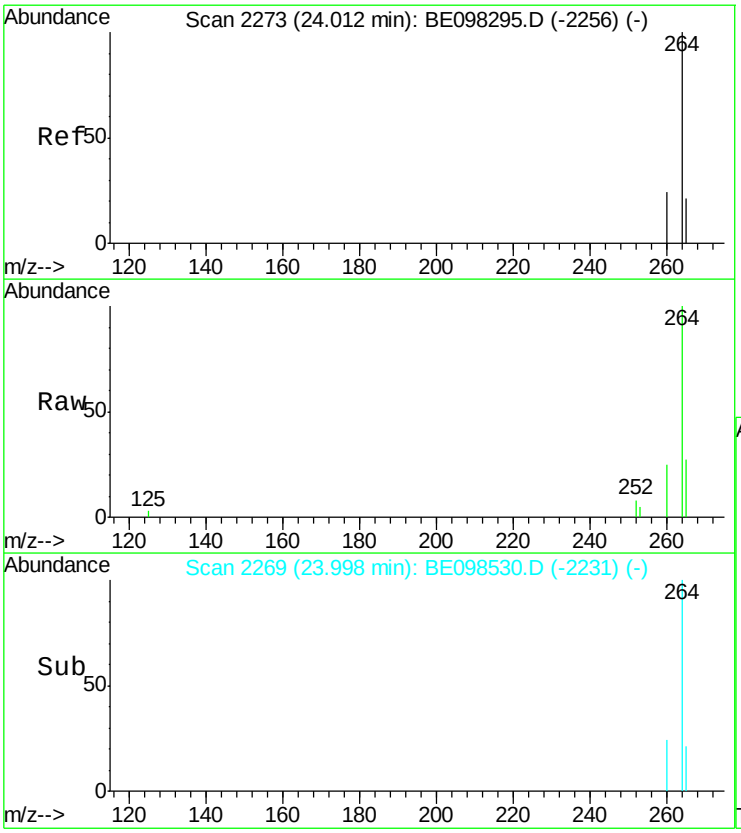
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng
RT: 26.68 min Scan# 3018
Delta R.T. -0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9519

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.3	24.5
277	26.8	20.2	30.4

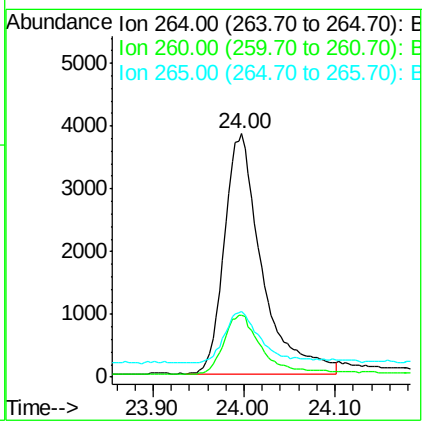


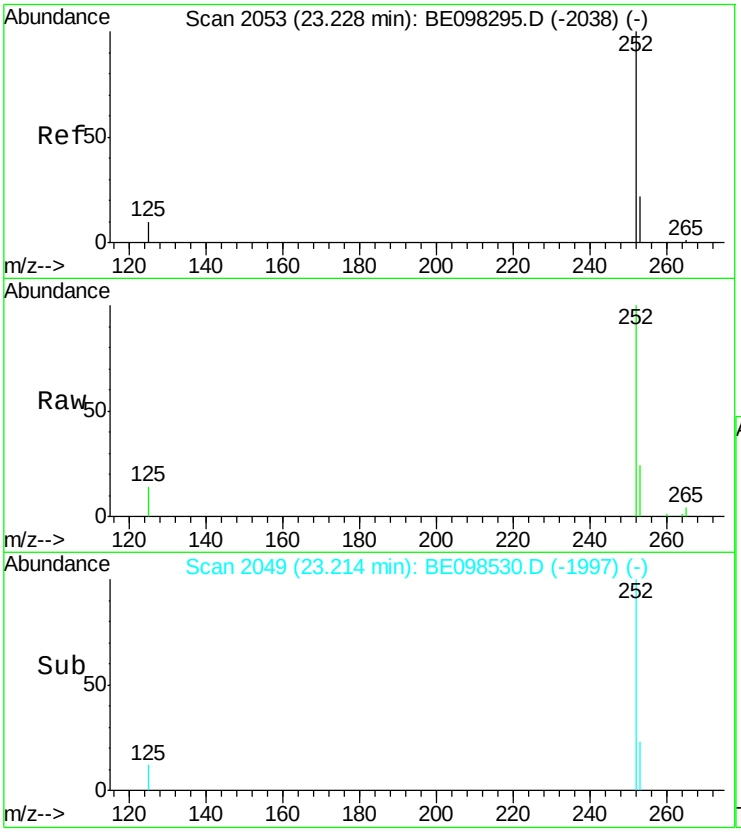


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:264 Resp: 10997

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	27.0	25.2	37.8



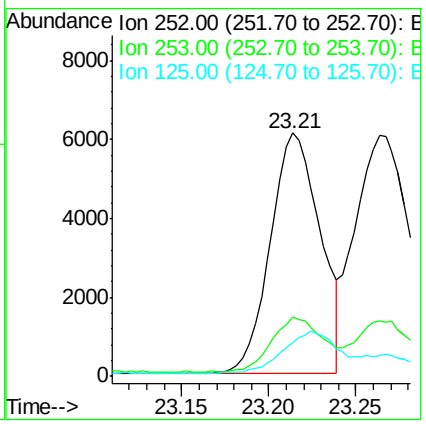


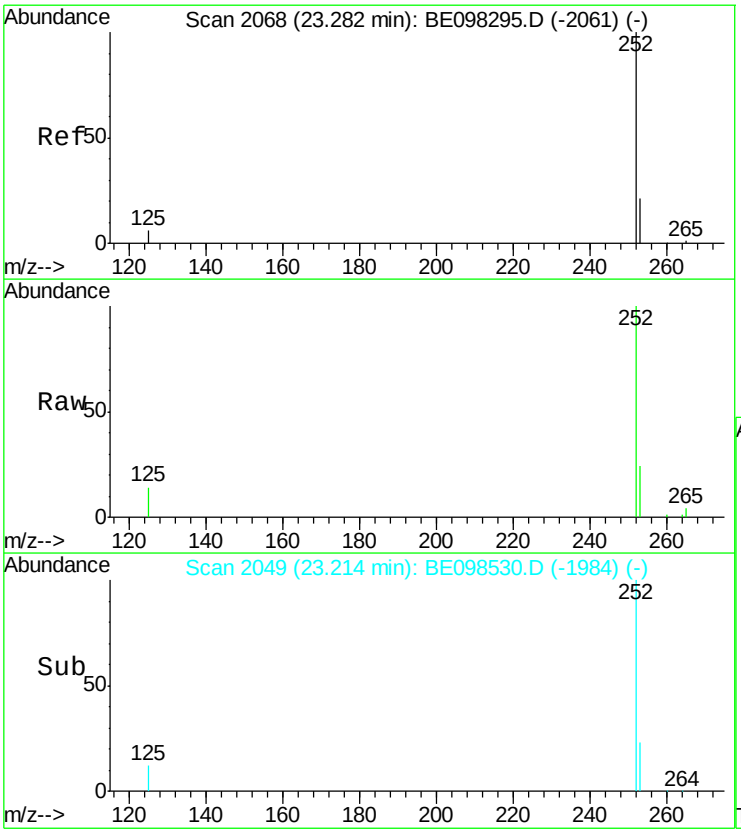
#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 23.21 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 12061

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	13.7	9.6	14.4

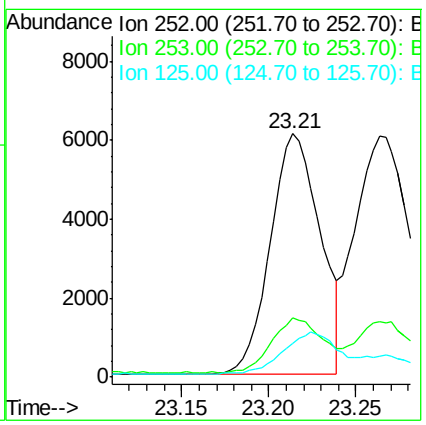


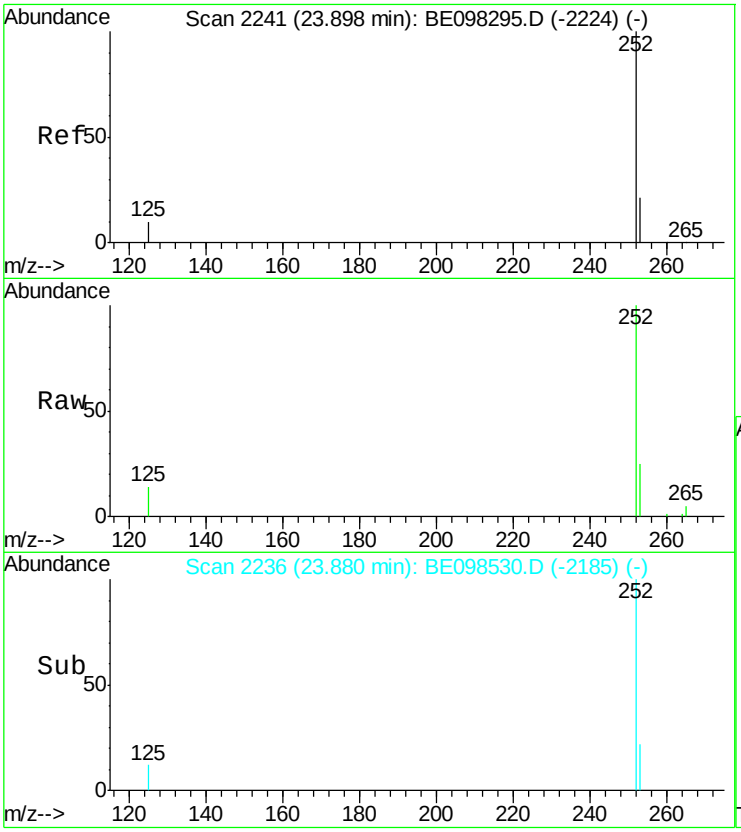


#36
Benzo(k)fluoranthene
Concen: 0.344 ng
RT: 23.21 min Scan# 2049
Delta R.T. -0.07 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:252 Resp: 12061

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.0	28.6
125	13.7	9.1	13.7



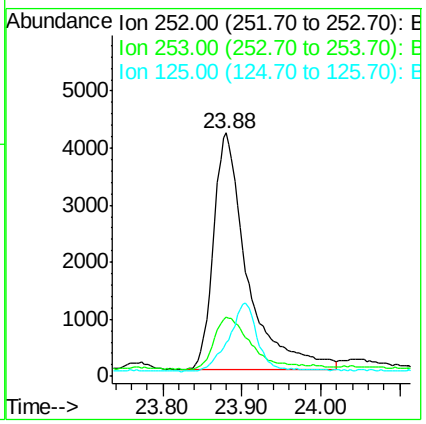


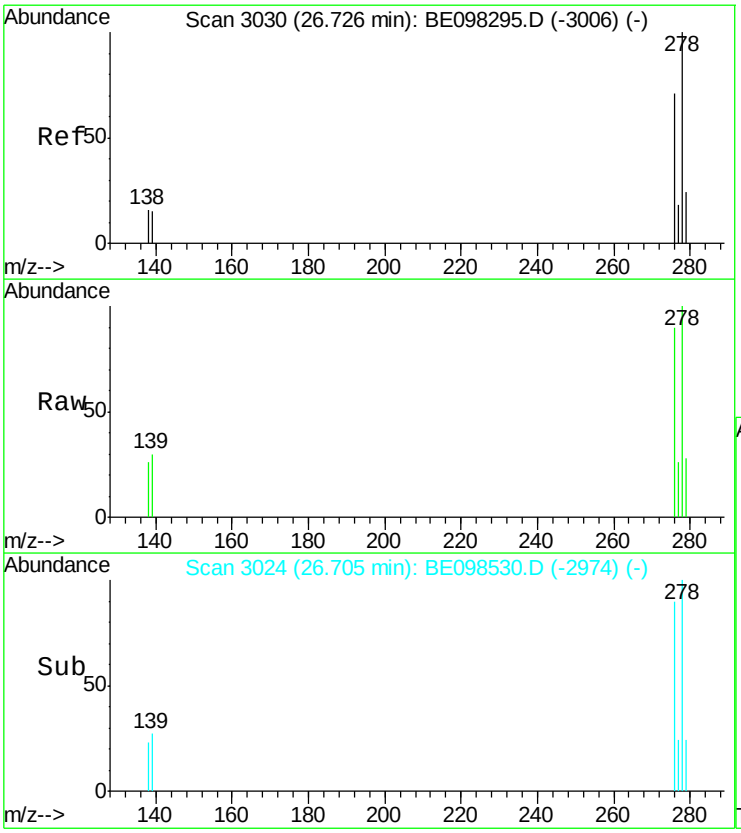
#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.88 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 12435

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.6	30.8
125	13.6	10.5	15.7

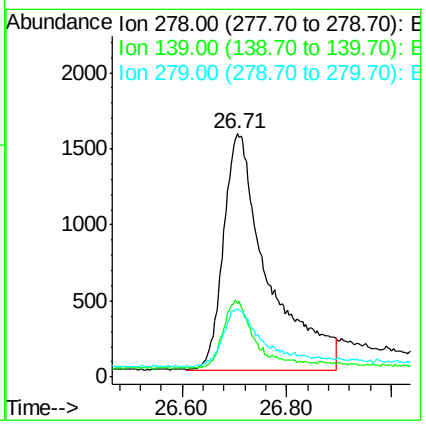


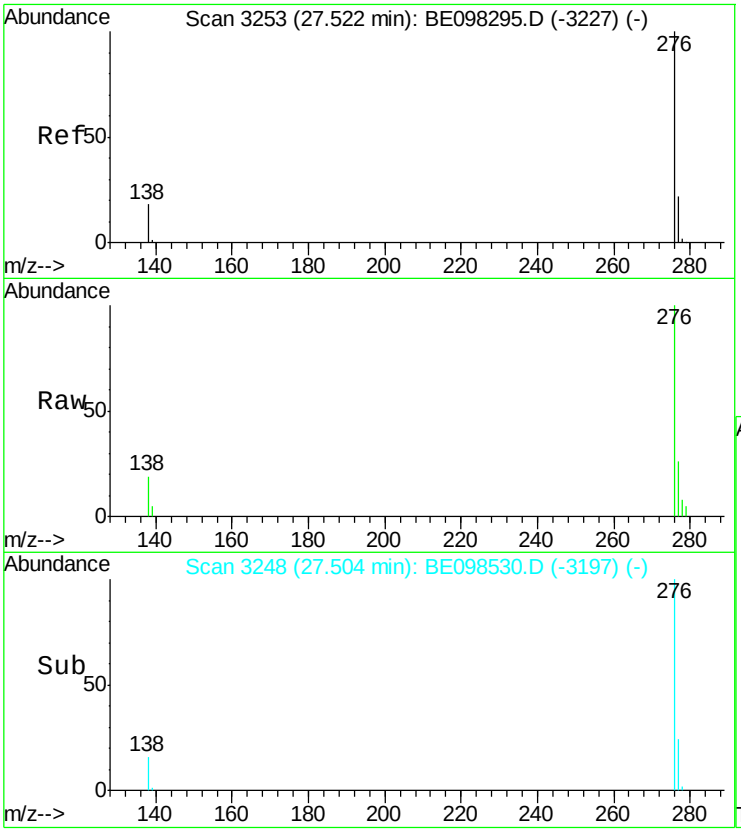


#38
Dibenzo(a,h)anthracene
Concen: 0.312 ng
RT: 26.71 min Scan# 3024
Delta R.T. -0.02 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Tgt Ion:278 Resp: 9129

Ion	Ratio	Lower	Upper
278	100		
139	29.9	14.5	21.7#
279	28.1	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.245 ng
RT: 27.50 min Scan# 3248
Delta R.T. -0.02 min
Lab File: BE098530.D
Acq: 19 Dec 2018 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 7228

Ion	Ratio	Lower	Upper
276	100		
277	26.2	20.8	31.2
138	19.2	15.8	23.6