Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\REVIEWED DATA\
Data File : BE098454.D
Acq On : 15 Dec 2018 3:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 22 04:16:12 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	7.85	152	1574	0.40	ng		-0.01
7) Naphthalene-d8	10.65	136	6647	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	4225	0.40	ng		-0.01
19) Phenanthrene-d10	17.27	188	11302	0.40	ng		-0.01
27) Chrysene-d12	21.45	240	13599	0.40	ng		-0.01
34) Perylene-d12	24.00	264	13237	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1582	0.43	ng		0.00
5) Phenol-d6	7.04	99	2241	0.43	ng		-0.01
8) Nitrobenzene-d5	9.02	82	2270	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	4098	0.38	ng		-0.01
14) 2,4,6-Tribromophenol	16.02	330	715	0.46	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	6660	0.37	ng		0.00
25) Fluoranthene-d10	19.30	212	55317	0.38	ng		0.00
29) Terphenyl-d14	19.90	244	10450	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	802	0.295	ng		98
3) n-Nitrosodimethylamine	3.70	42	712	0.291	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	1649	0.333	ng		95
9) Naphthalene	10.70	128	26395	0.395	ng		100
10) Hexachlorobutadiene	10.99	225	1732	0.407	ng		97
12) 2-Methylnaphthalene	12.32	142	4060	0.374	ng		94
16) Acenaphthylene	14.24	152	7730	0.391	ng		98
17) Acenaphthene	14.59	154	4500	0.378	ng		95
18) Fluorene	15.57	166	6111	0.384	ng		97
20) 4-Bromophenyl-phenylether	16.46	248	2255	0.371	ng	#	81
21) Hexachlorobenzene	16.58	284	2542	0.389	ng		96
22) Pentachlorophenol	16.94	266	614	0.553	ng		97
23) Phenanthrene	17.31	178	10331	0.376	ng		99
24) Anthracene	17.41	178	8708	0.356	ng		100
26) Fluoranthene	19.33	202	14090	0.388	ng		99
28) Pyrene	19.69	202	14762	0.346	ng		99
30) Benzo(a)anthracene	21.44	228	14062	0.363	ng		99
31) Chrysene	21.50	228	15472	0.381	ng		100
32) Bis(2-ethylhexyl)phthalate	21.35	149	28899	0.367	ng		99
33) Indeno(1,2,3-cd)pyrene	26.68	276	16143	0.400	ng		97
35) Benzo(b)fluoranthene	23.22	252	14020	0.387	ng	#	93
36) Benzo(k)fluoranthene	23.27	252	16581	0.393	ng		97
37) Benzo(a)pyrene	23.88	252	14506	0.388	ng		97
38) Dibenzo(a,h)anthracene	26.70	278	13309	0.378	ng	#	87
39) Benzo(g,h,i)perylene	27.50	276	13376	0.377	ng		98

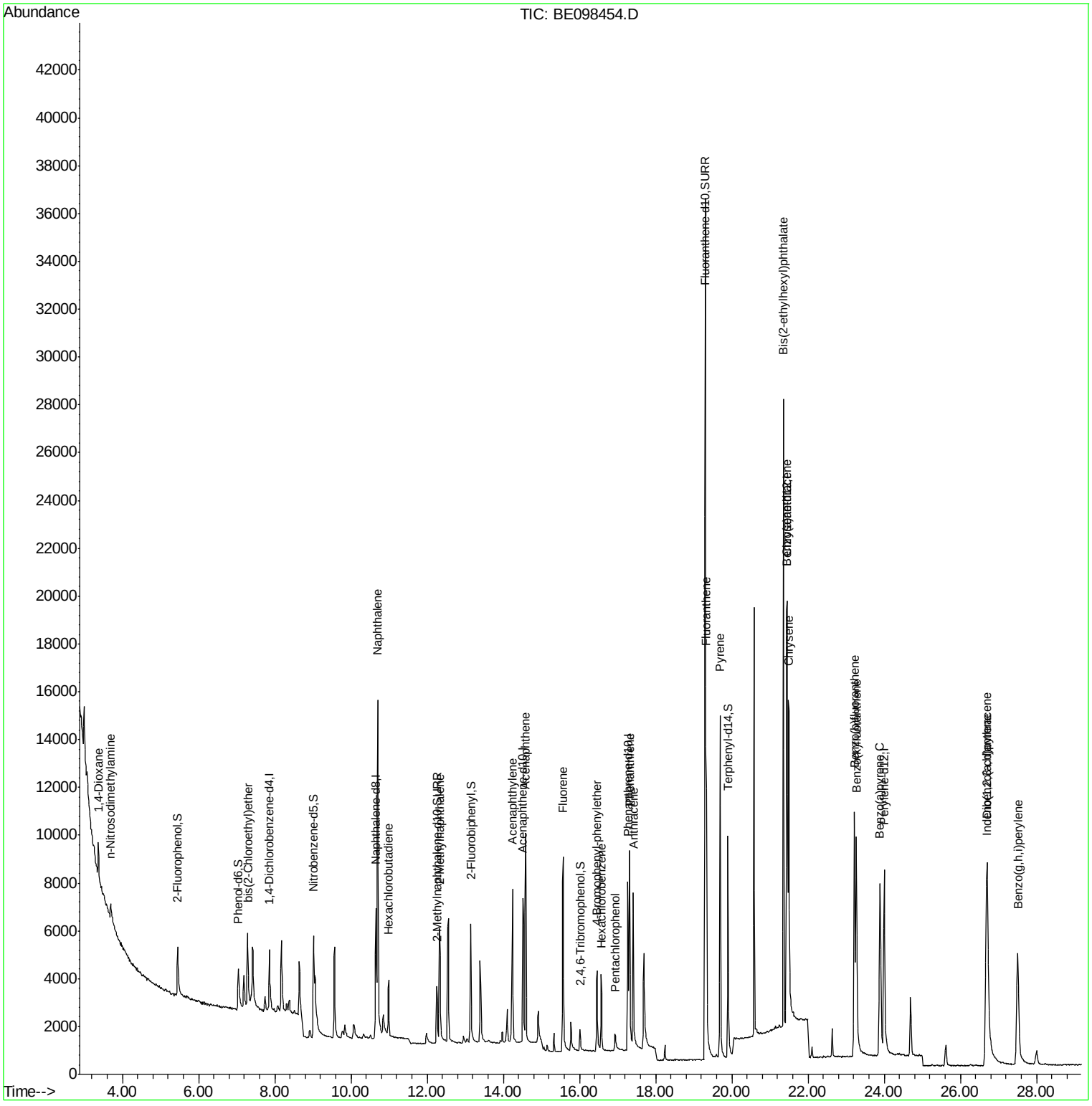
(#) = qualifier out of range (m) = manual integration (+) = signals summed

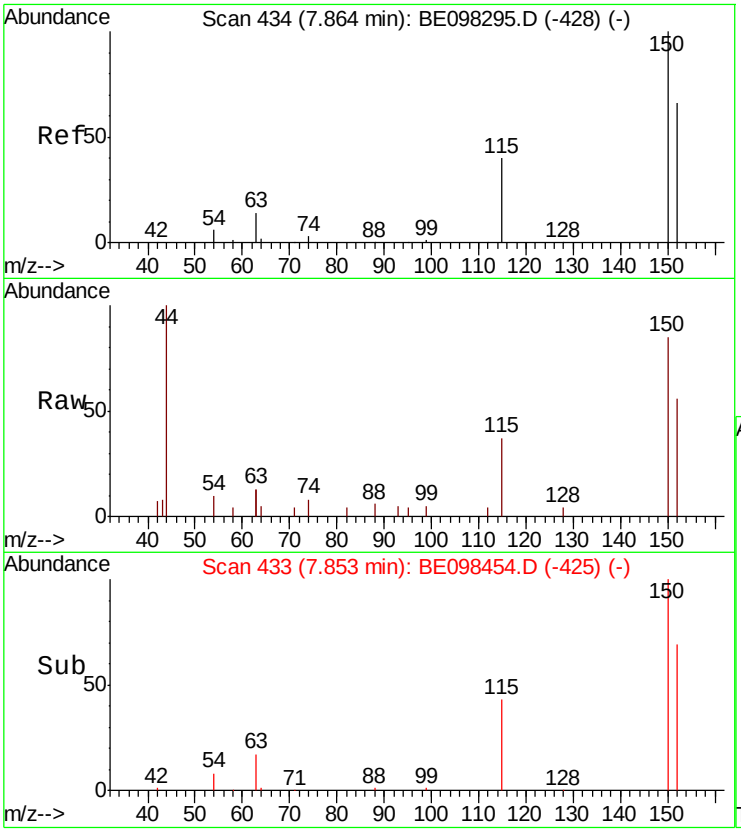
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\REVIEWED DATA\
Data File : BE098454.D
Acq On : 15 Dec 2018 3:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 22 04:16:12 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



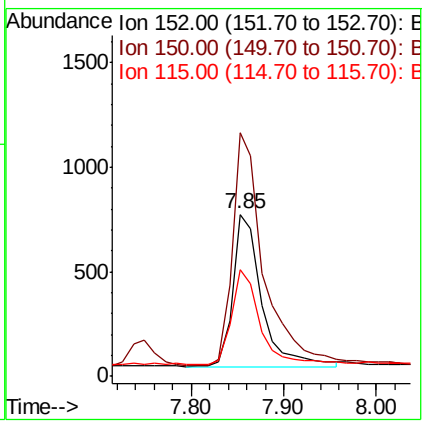


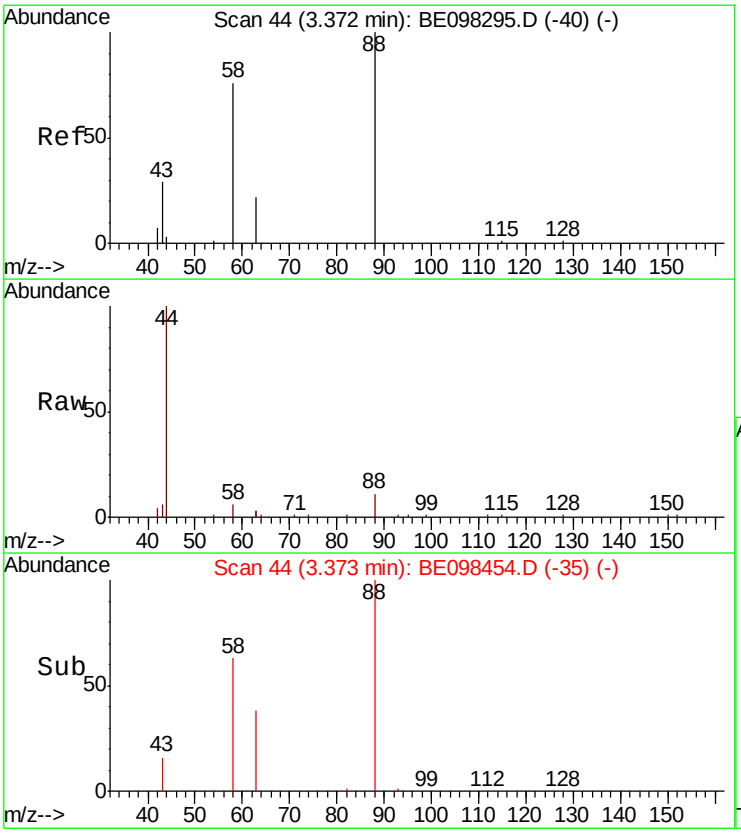
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1574

Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.2	186.4
115	65.9	53.9	80.9

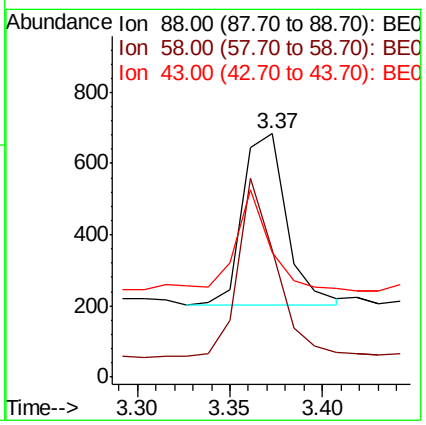


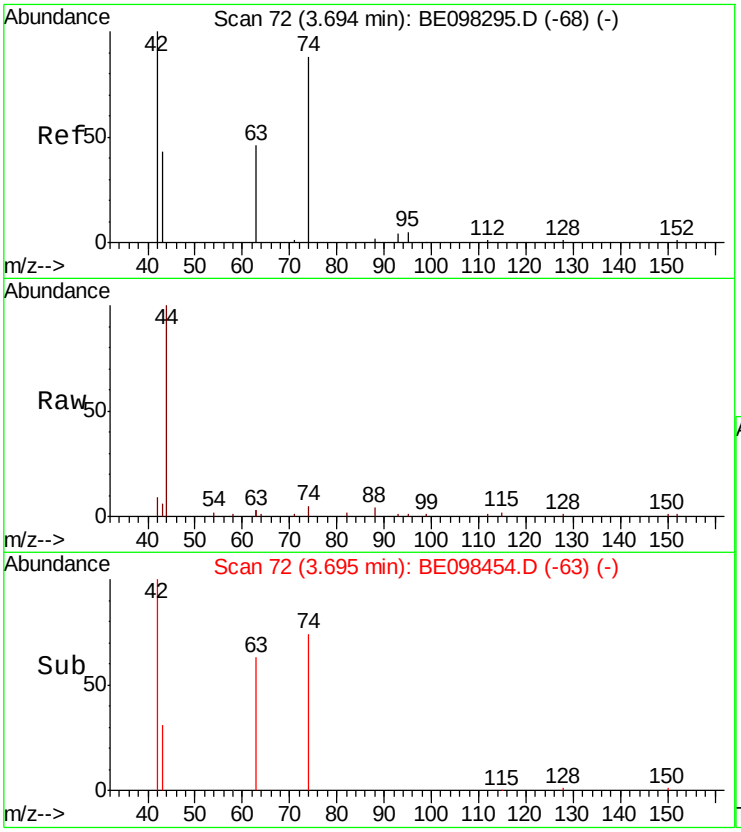


#2
1,4-Dioxane
Concen: 0.295 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion: 88 Resp: 802

Ion	Ratio	Lower	Upper
88	100		
58	91.9	75.0	112.6
43	49.4	38.3	57.5



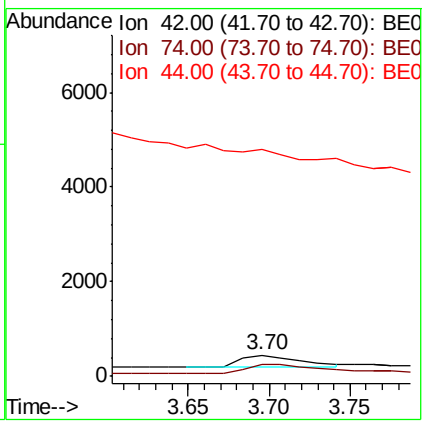


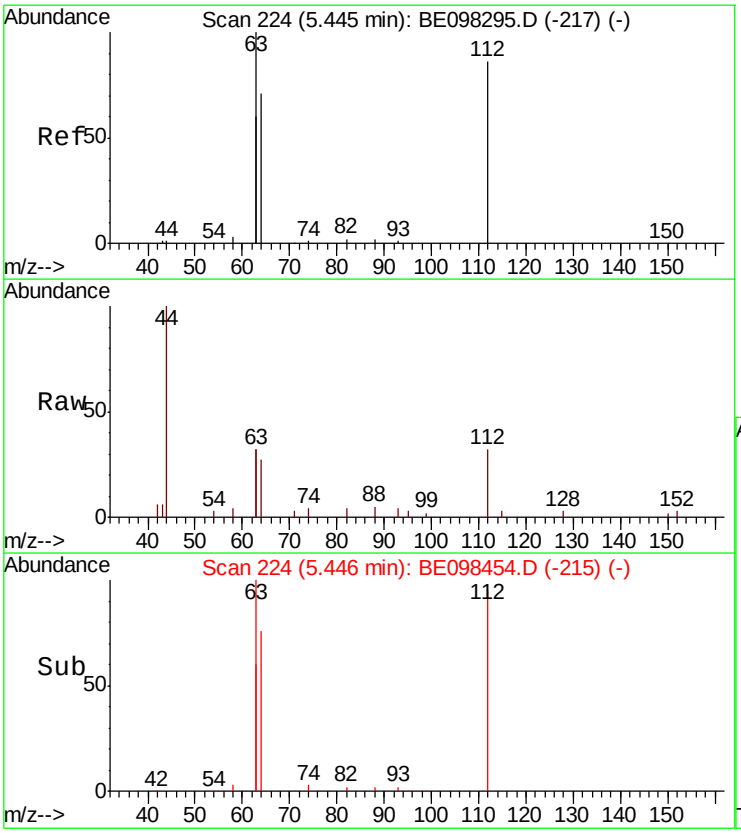
#3
n-Nitrosodimethylamine
Concen: 0.291 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 712

Ion	Ratio	Lower	Upper
42	100		
74	79.5	0.0	0.0#
44	0.0	0.0	0.0

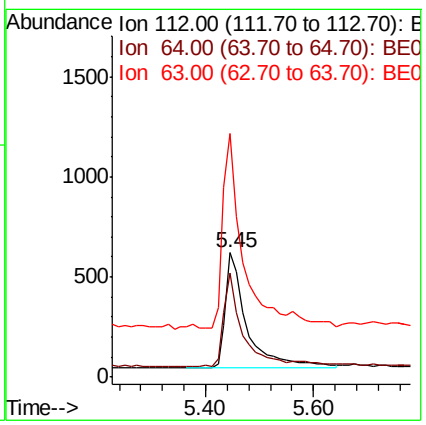


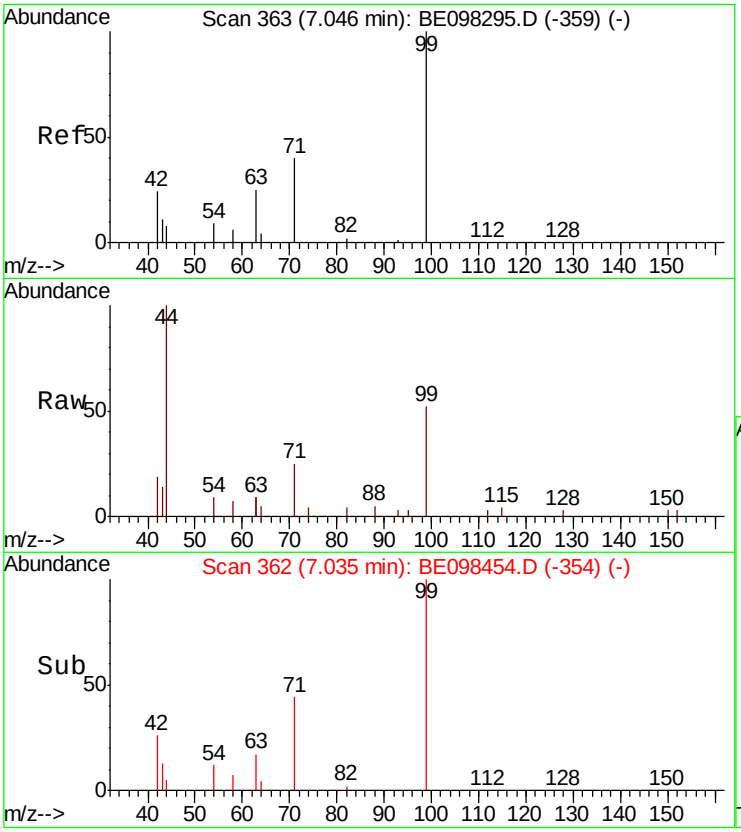


#4
2-Fluorophenol
Concen: 0.429 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:112 Resp: 1582

Ion	Ratio	Lower	Upper
112	100		
64	71.6	59.8	89.8
63	168.0	133.7	200.5



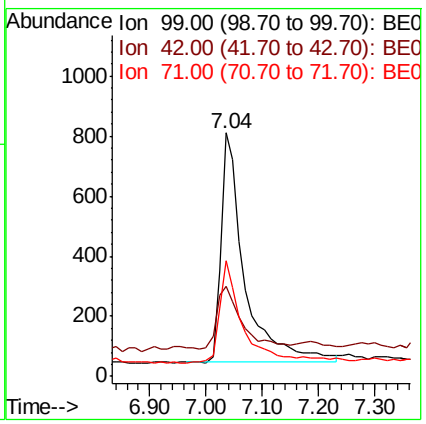


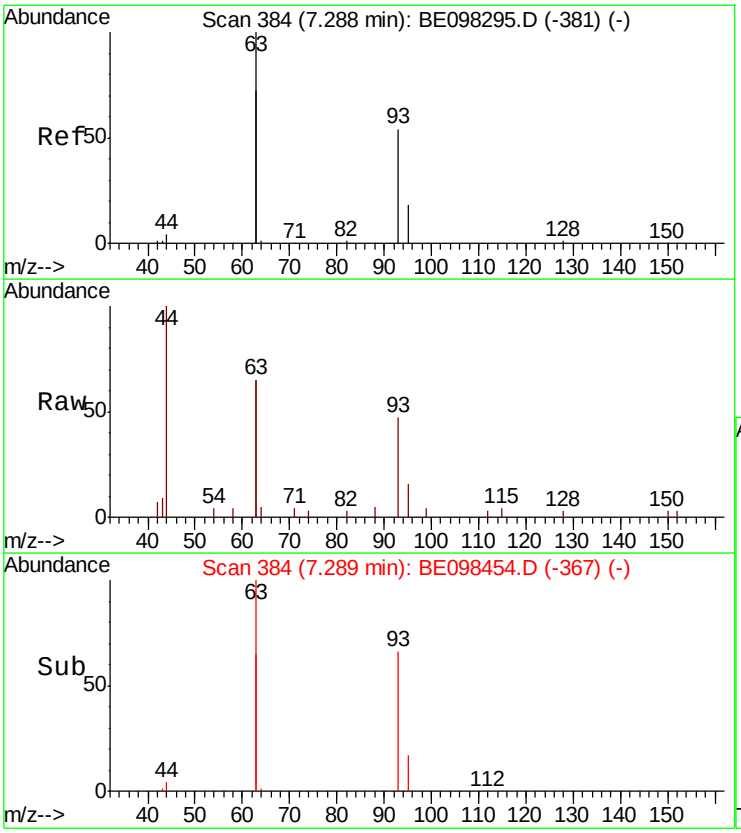
#5
Phenol-d6
Concen: 0.429 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2241

Ion	Ratio	Lower	Upper
99	100		
42	28.5	26.3	39.5
71	45.2	33.6	50.4

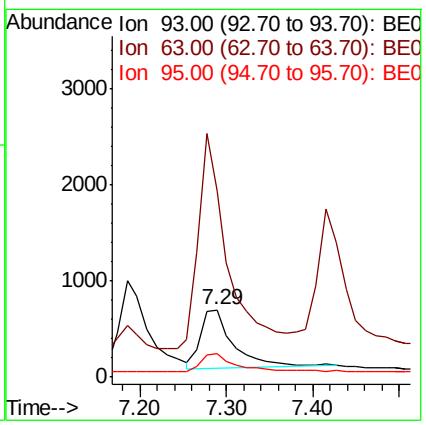


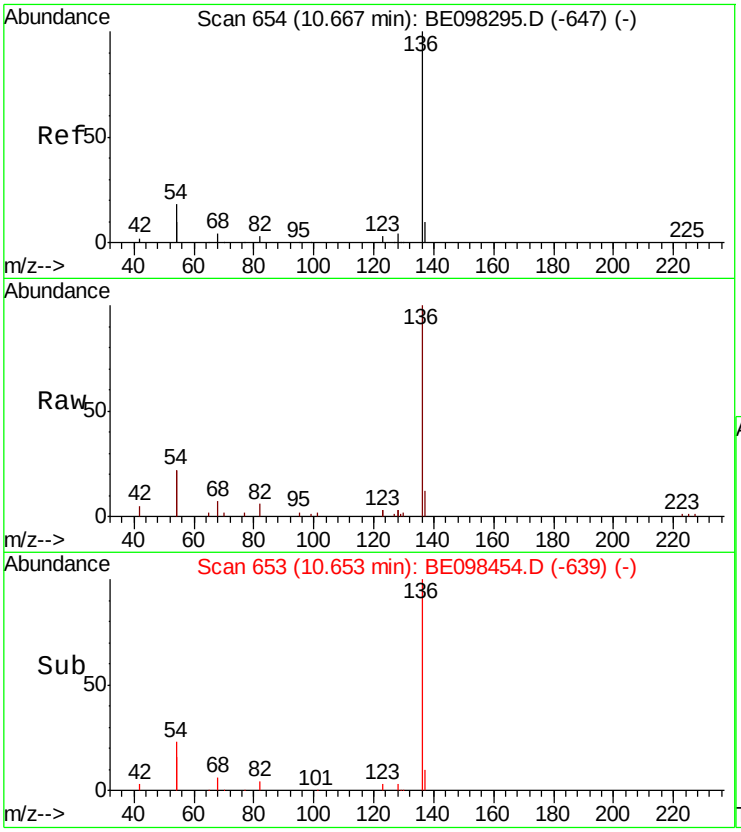


#6
bis(2-Chloroethyl)ether
Concen: 0.333 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion: 93 Resp: 1649

Ion	Ratio	Lower	Upper
93	100		
63	319.2	264.4	396.6
95	31.9	26.6	40.0



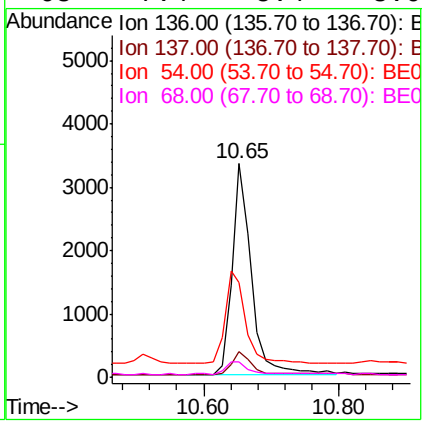


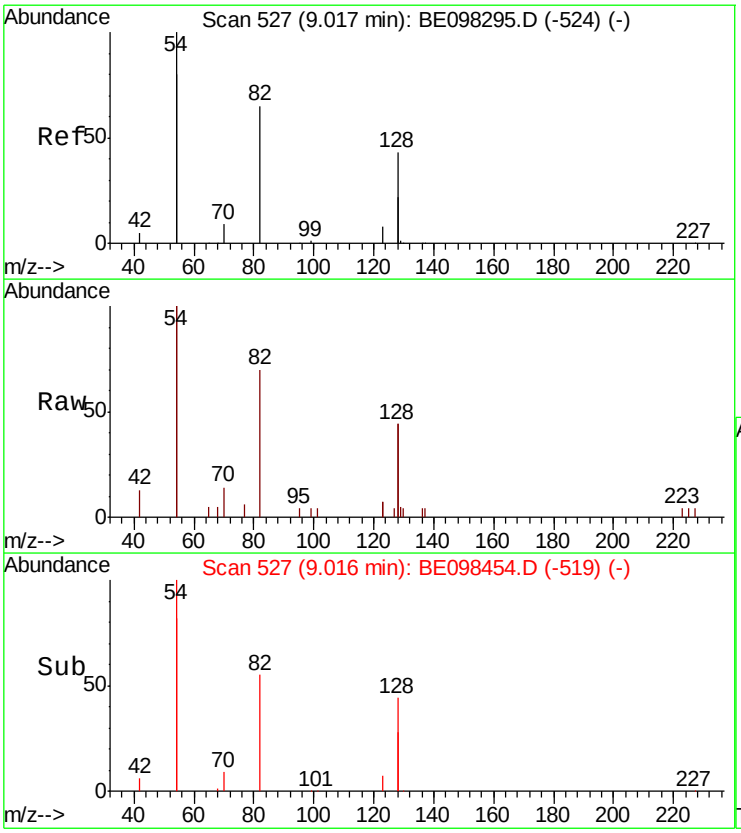
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 6647

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	44.4	28.4	42.6#
68	7.4	5.4	8.0

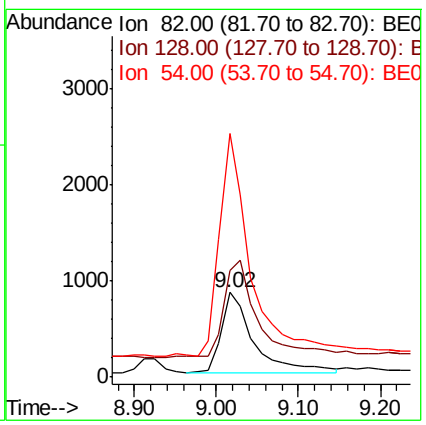


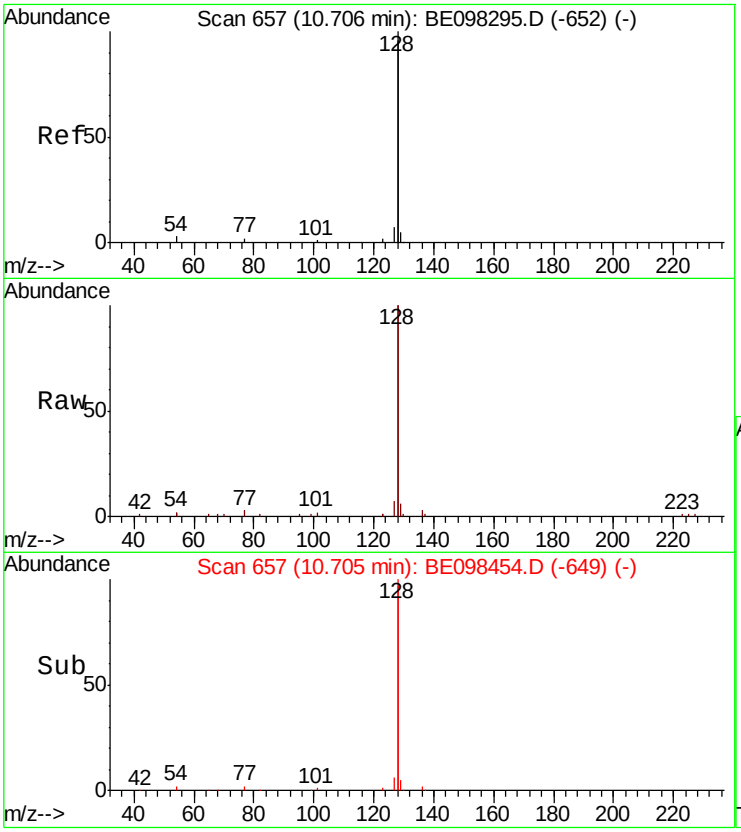


#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion: 82 Resp: 2270

Ion	Ratio	Lower	Upper
82	100		
128	125.9	102.4	153.6
54	287.5	221.8	332.8



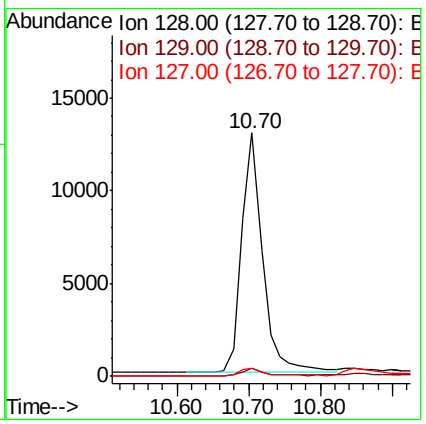


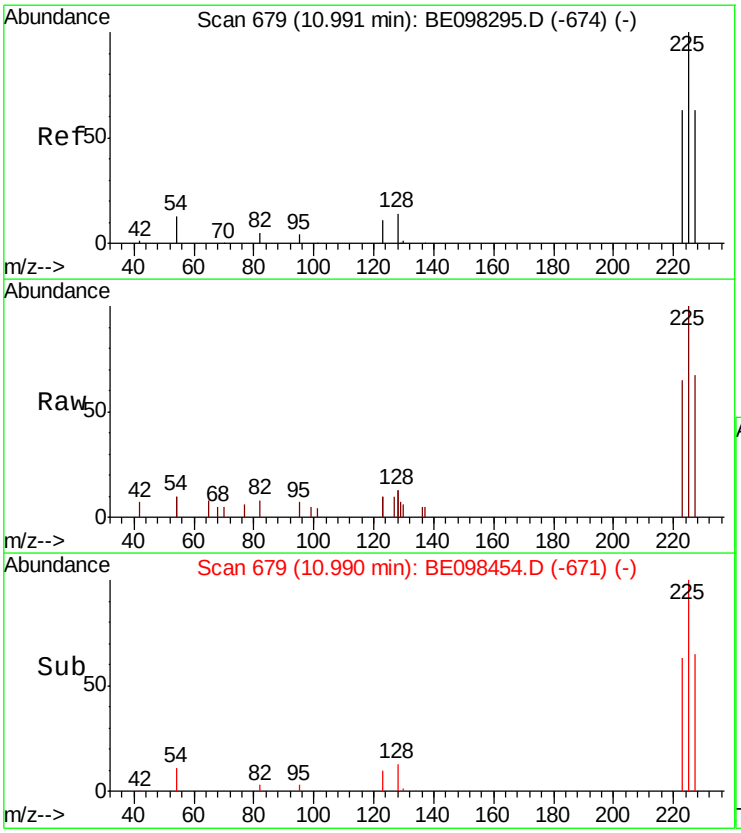
#9
Naphthalene
Concen: 0.395 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 26395

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	3.4	2.7	4.1

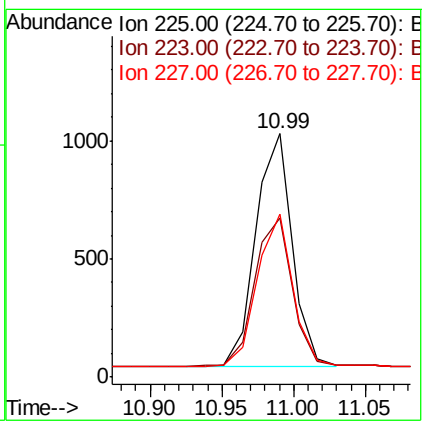


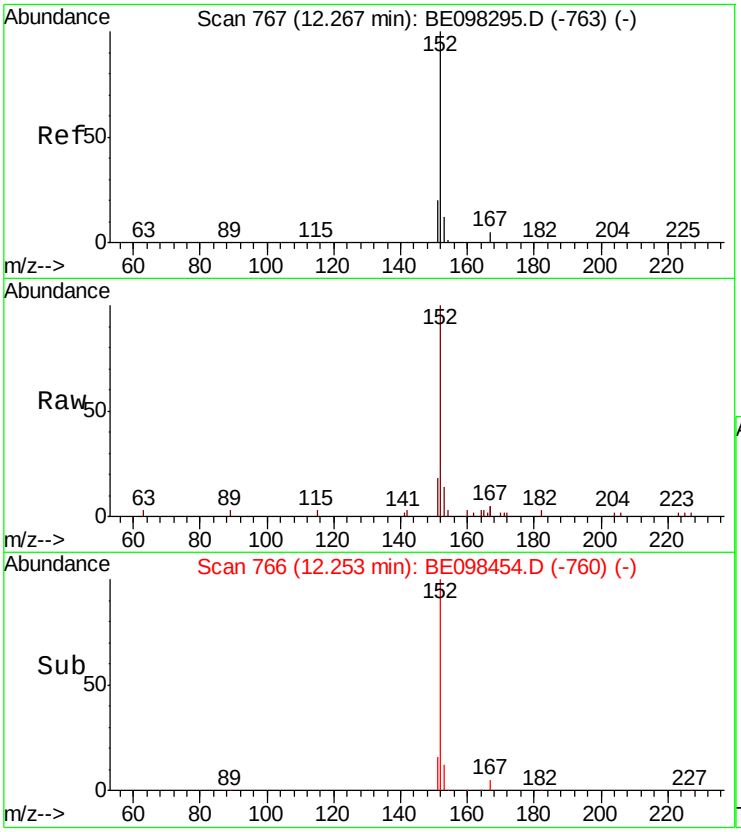


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:225 Resp: 1732

Ion	Ratio	Lower	Upper
225	100		
223	65.8	49.4	74.0
227	64.0	52.0	78.0



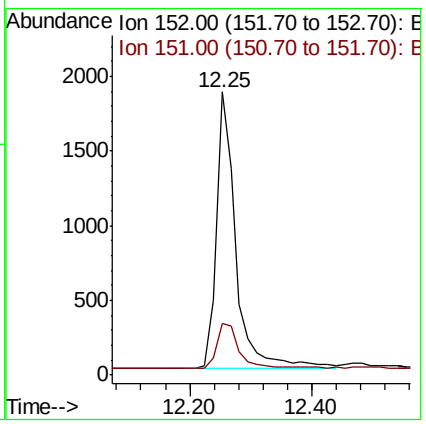


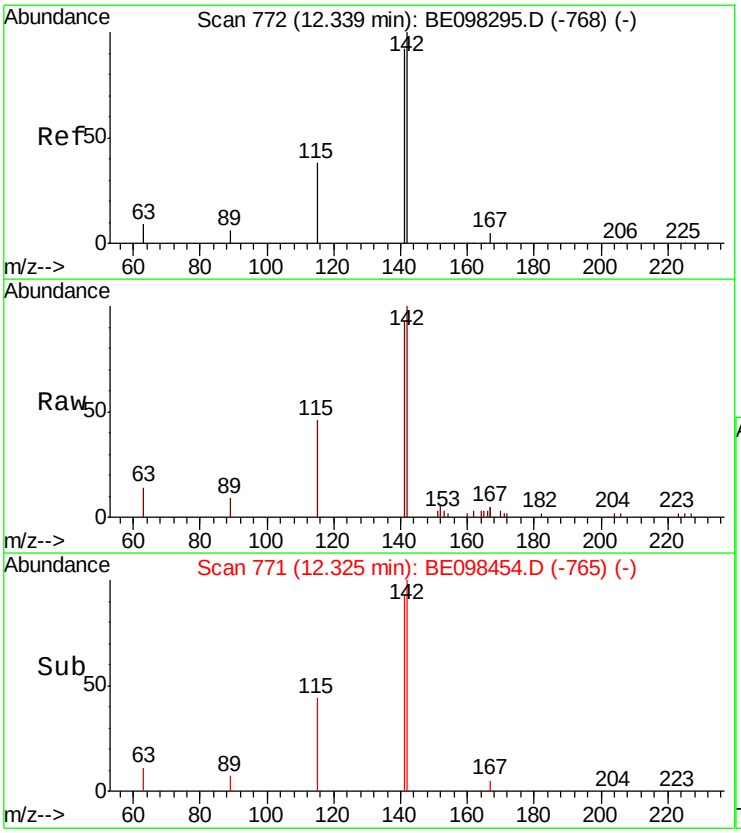
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4098

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4

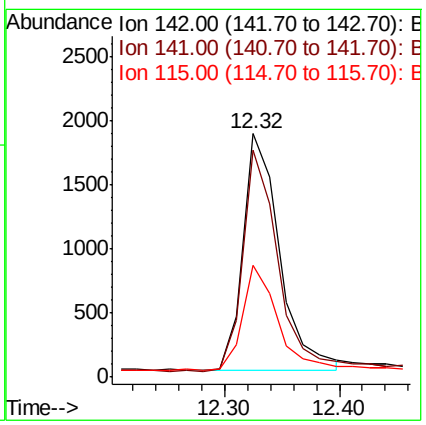


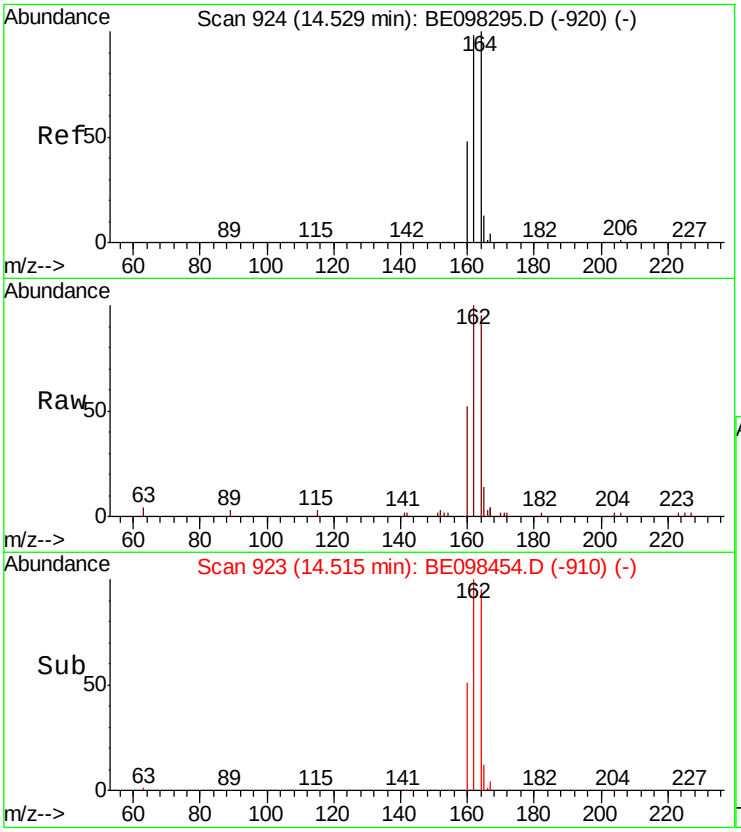


#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:142 Resp: 4060

Ion	Ratio	Lower	Upper
142	100		
141	93.0	71.0	106.6
115	45.7	32.2	48.2



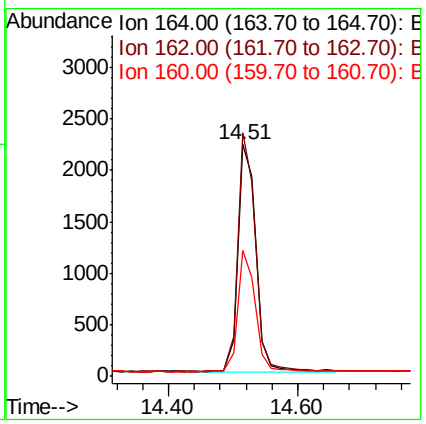


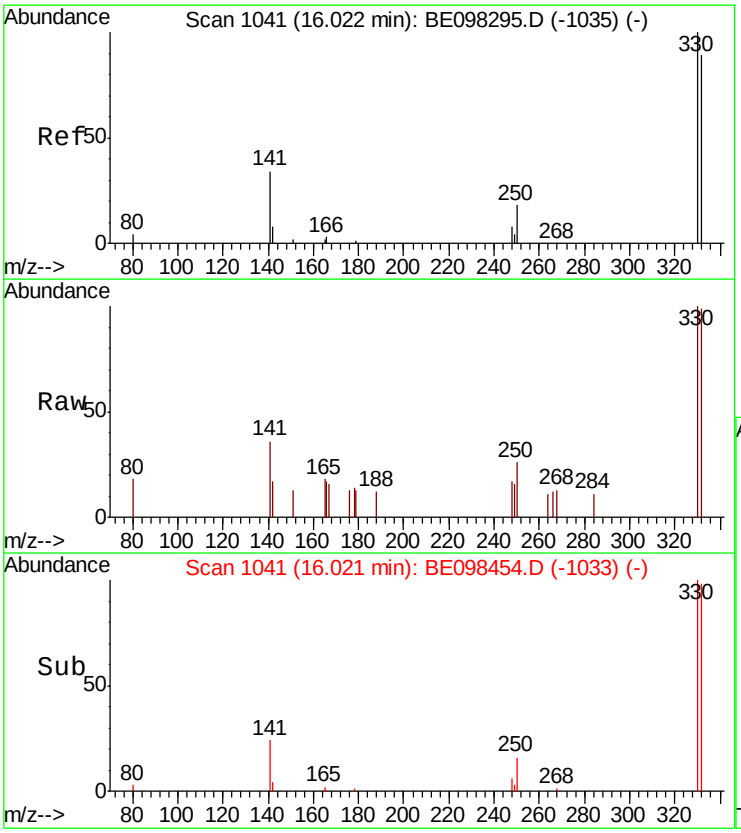
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4225

Ion	Ratio	Lower	Upper
164	100		
162	105.1	77.6	116.4
160	54.4	36.0	54.0#

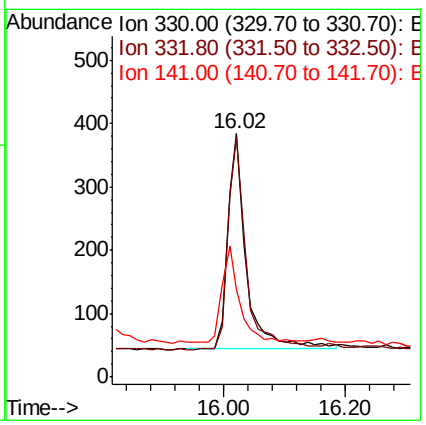


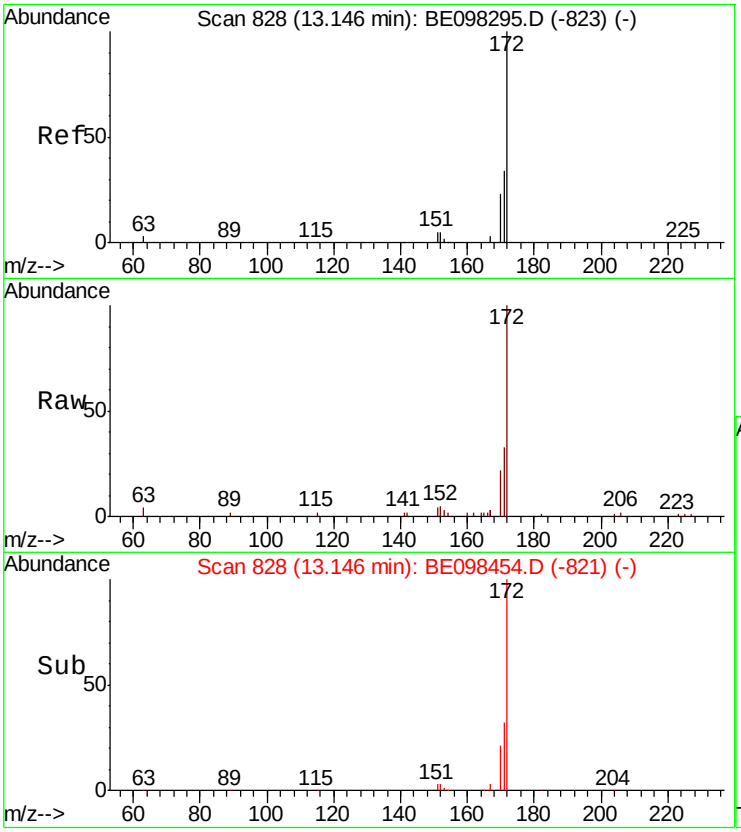


#14
2,4,6-Tribromophenol
Concen: 0.461 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:330 Resp: 715

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.2	114.4
141	42.5	39.0	58.4



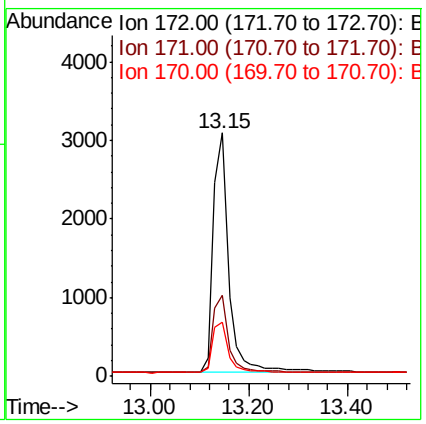


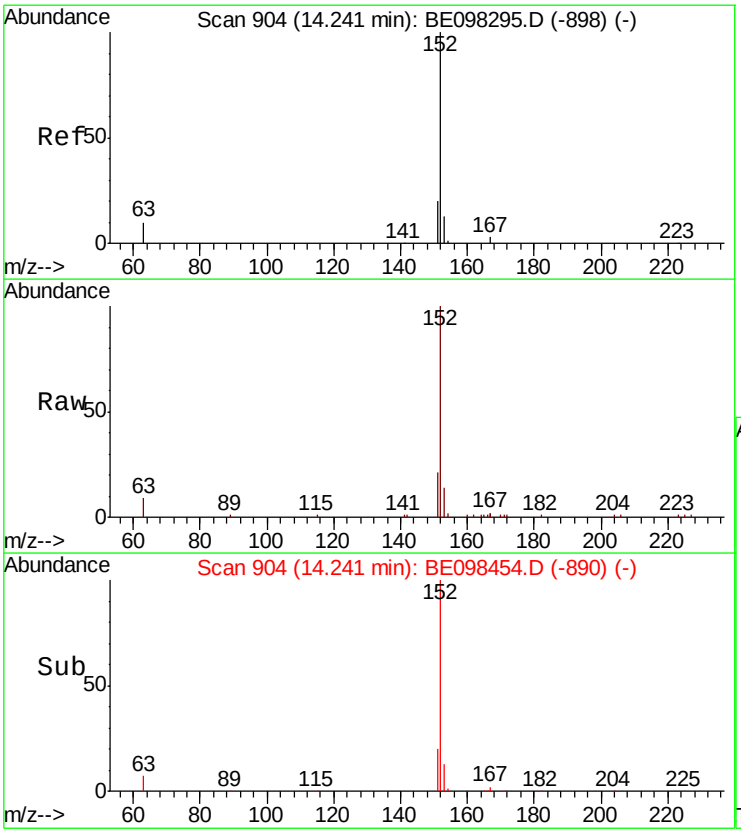
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6660

Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.5	41.3
170	22.4	19.6	29.4

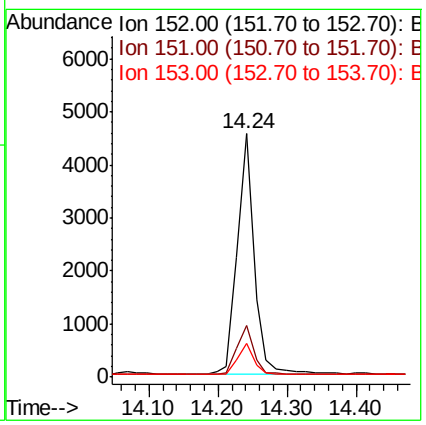


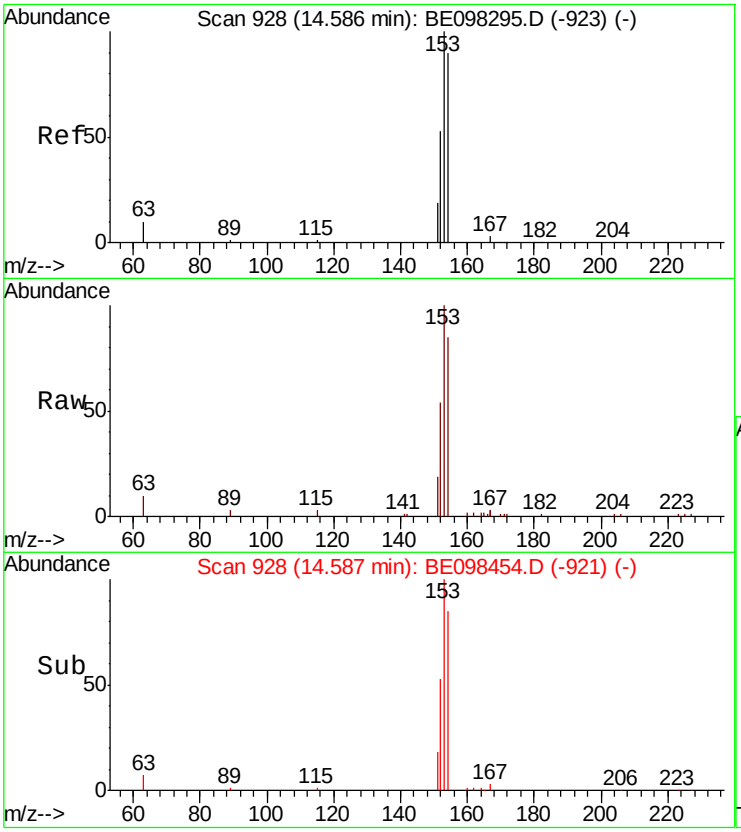


#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:152 Resp: 7730

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.5	23.3
153	13.2	10.6	16.0



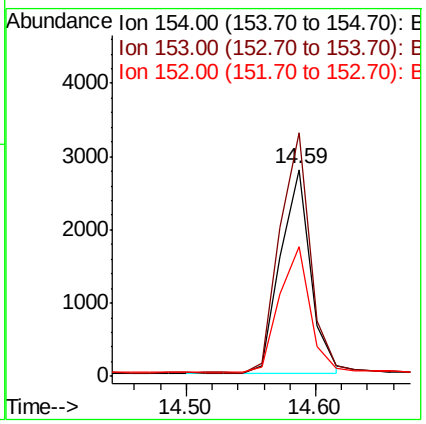


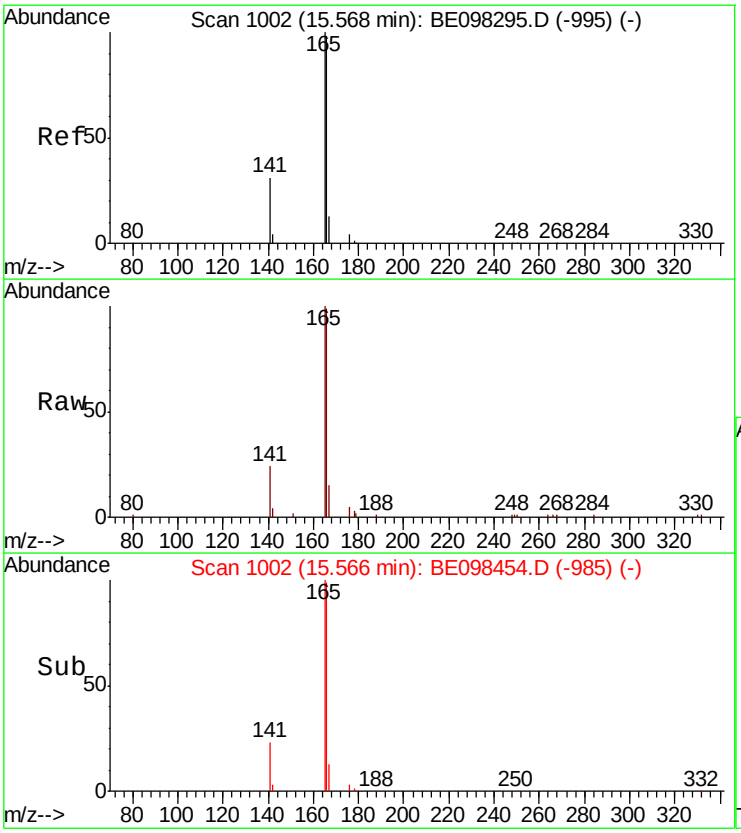
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4500

Ion	Ratio	Lower	Upper
154	100		
153	119.2	91.8	137.6
152	62.5	45.5	68.3

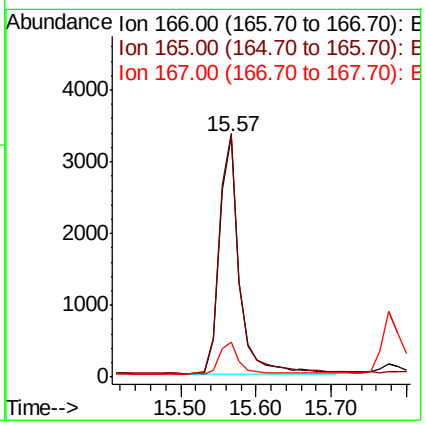


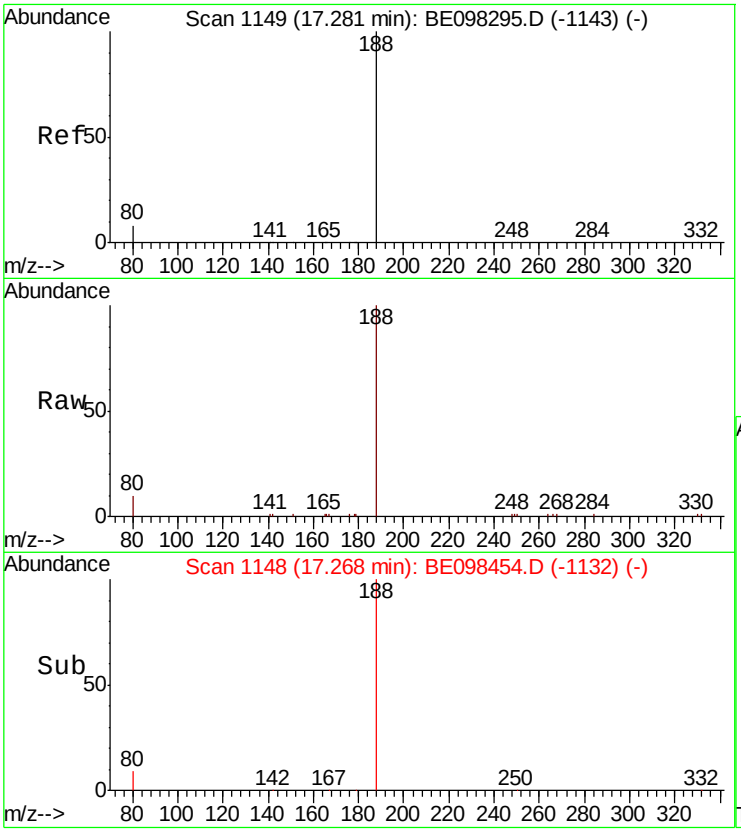


#18
Fluorene
Concen: 0.384 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:166 Resp: 6111

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.3	118.9
167	13.4	11.3	16.9



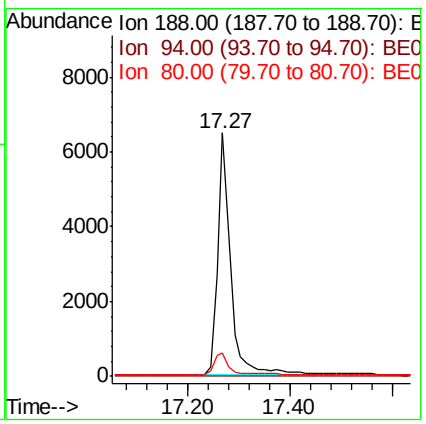


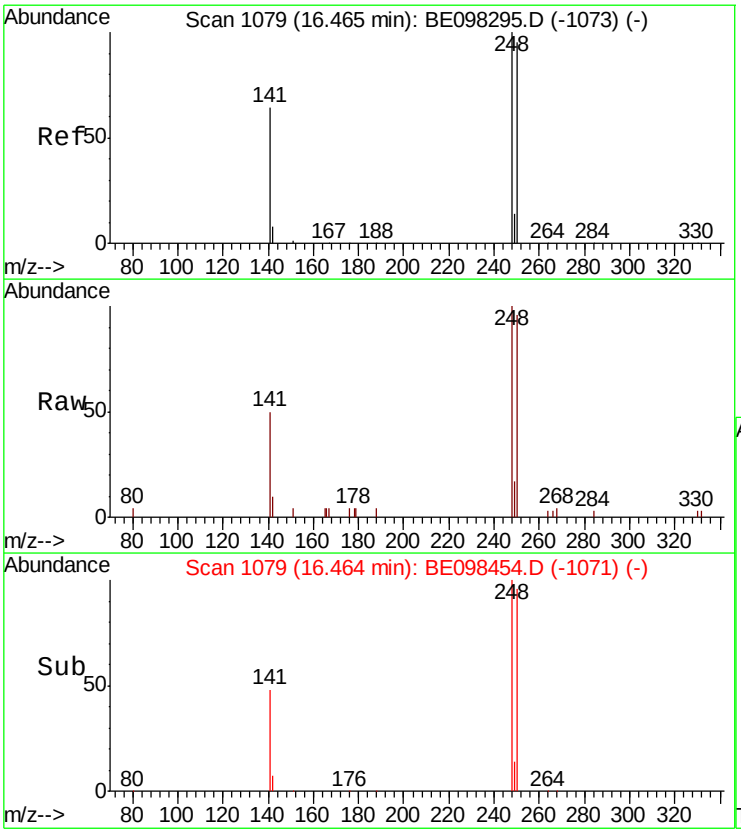
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 11302

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.2	10.8

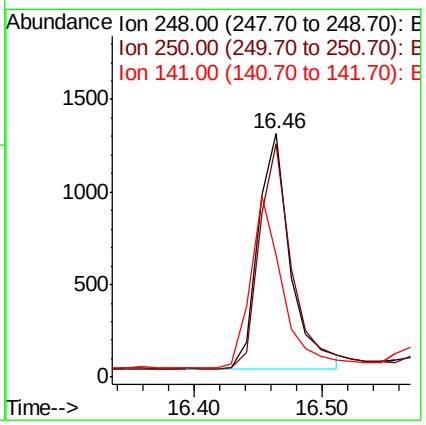


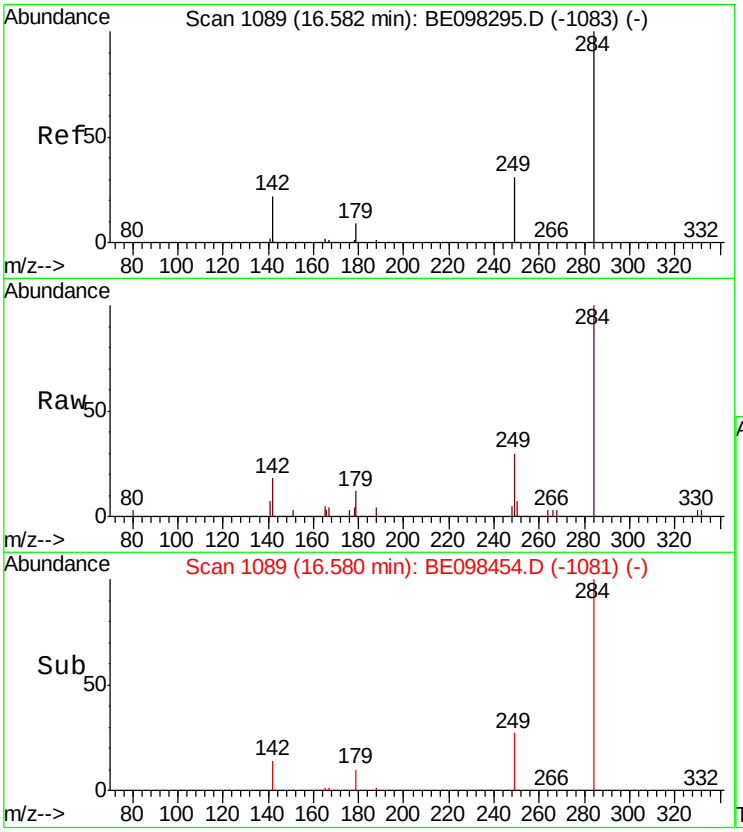


#20
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:248 Resp: 2255

Ion	Ratio	Lower	Upper
248	100		
250	96.0	71.0	106.6
141	50.0	62.1	93.1#



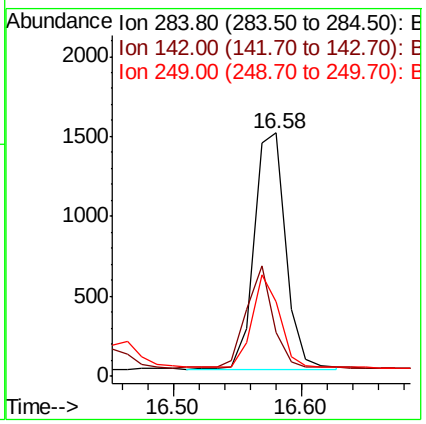


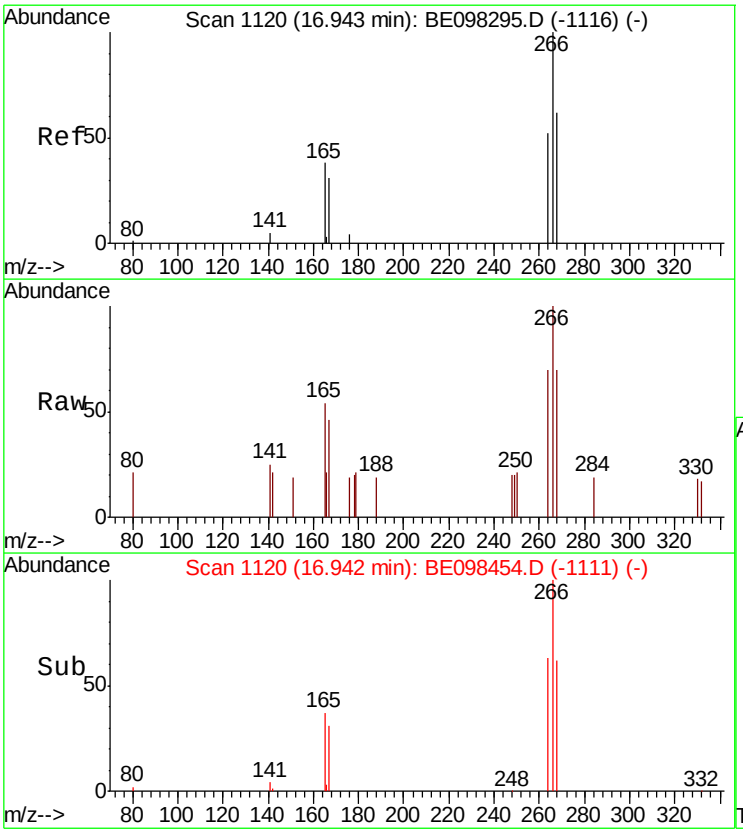
#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2542

Ion	Ratio	Lower	Upper
284	100		
142	35.3	26.3	39.5
249	34.1	26.0	39.0

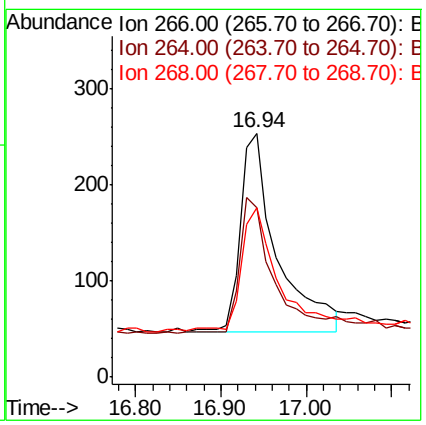


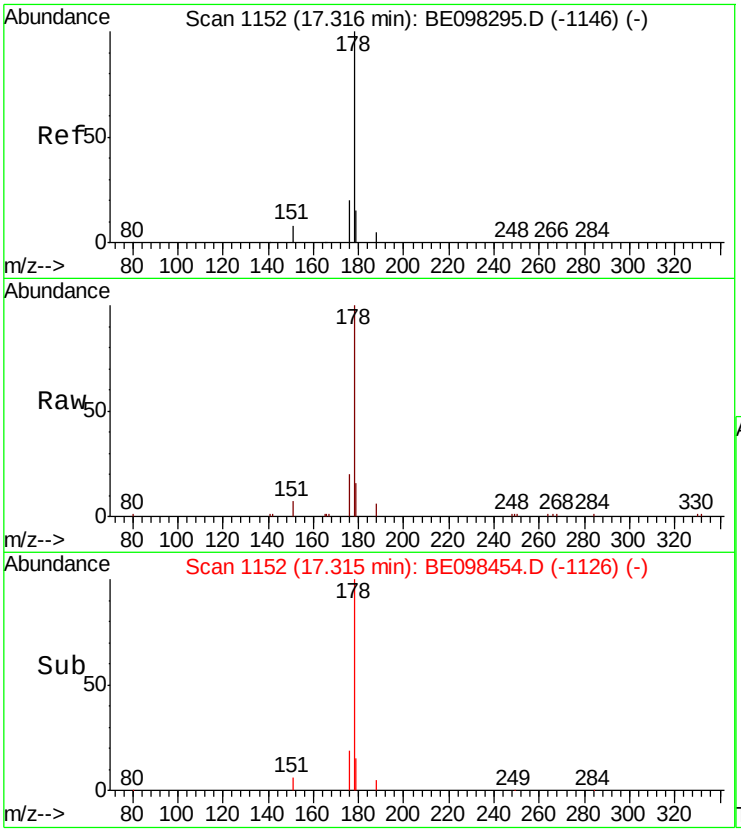


#22
Pentachlorophenol
Concen: 0.553 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:266 Resp: 614

Ion	Ratio	Lower	Upper
266	100		
264	69.6	59.0	88.4
268	69.6	55.1	82.7



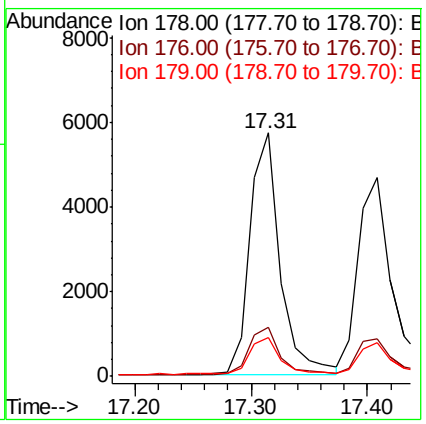


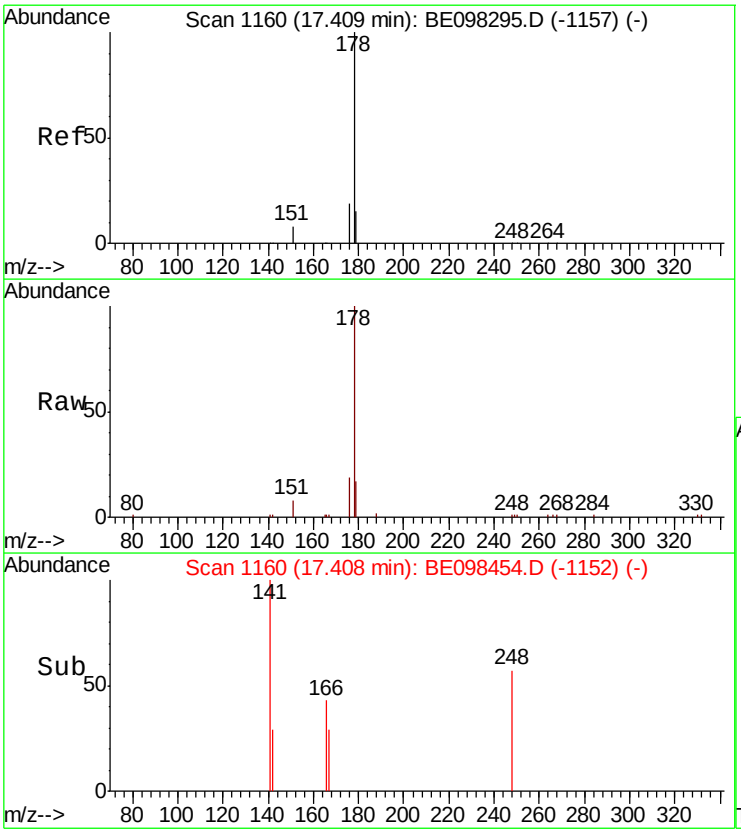
#23
Phenanthrene
Concen: 0.376 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 10331

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.5	12.3	18.5

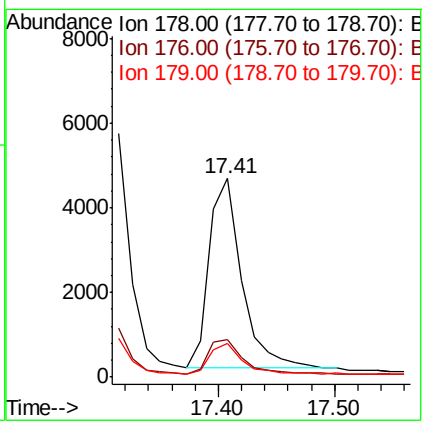


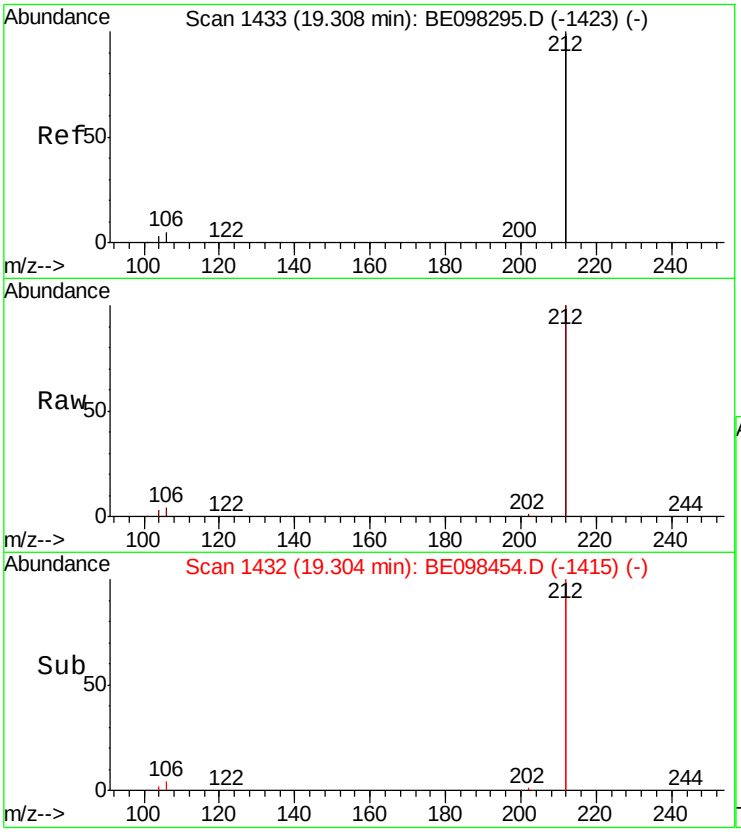


#24
Anthracene
Concen: 0.356 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:178 Resp: 8708

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.3	12.3	18.5



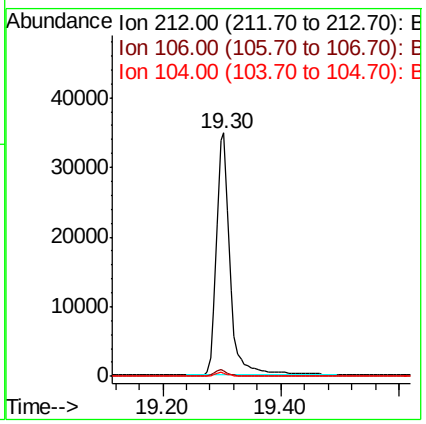


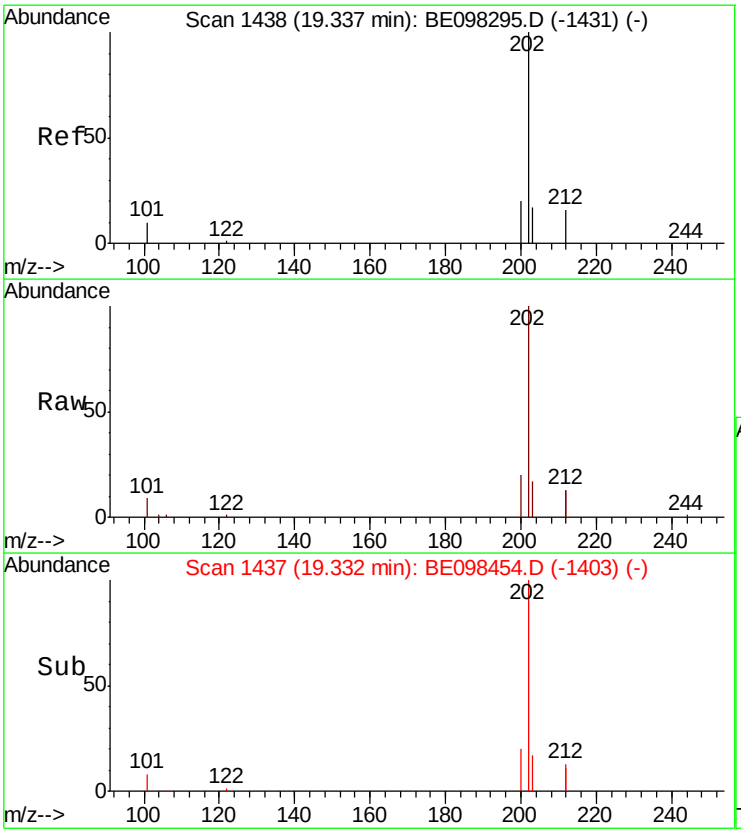
#25
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 55317

Ion	Ratio	Lower	Upper
212	100		
106	2.4	2.2	3.2
104	1.4	1.3	1.9

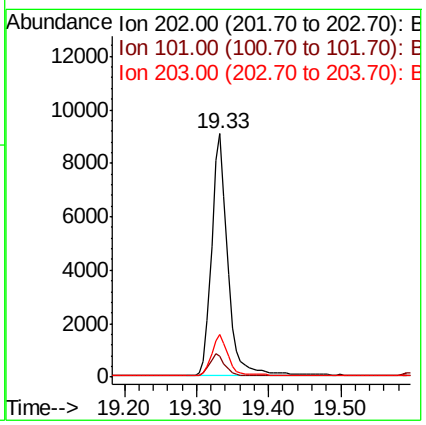


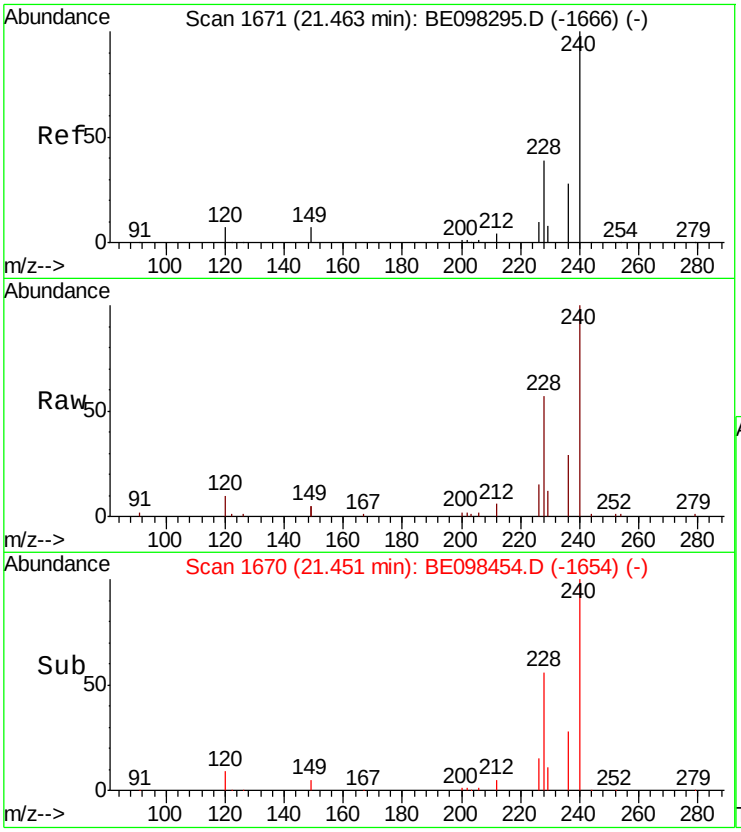


#26
Fluoranthene
Concen: 0.388 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:202 Resp: 14090

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.0	12.0
203	16.7	13.8	20.6



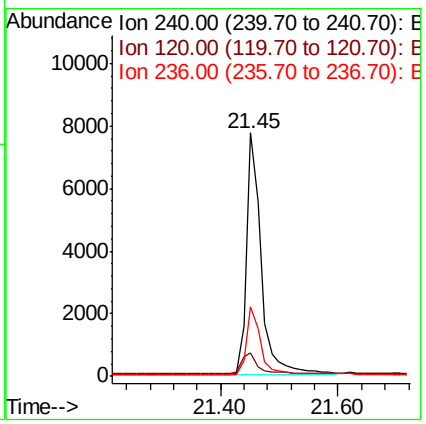


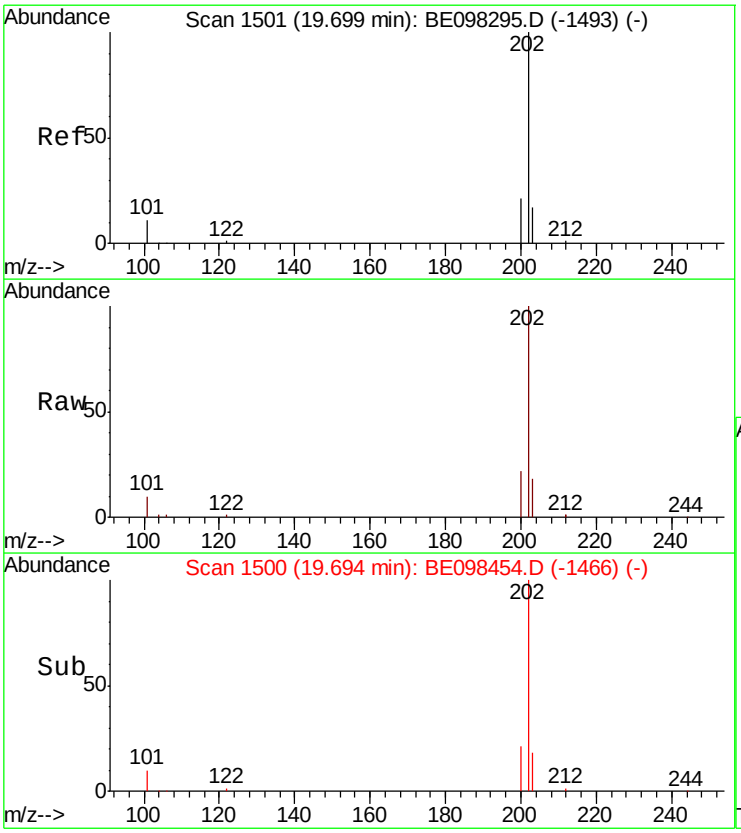
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 13599

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	28.5	22.7	34.1

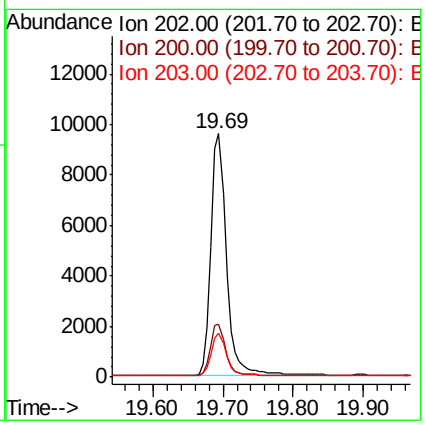


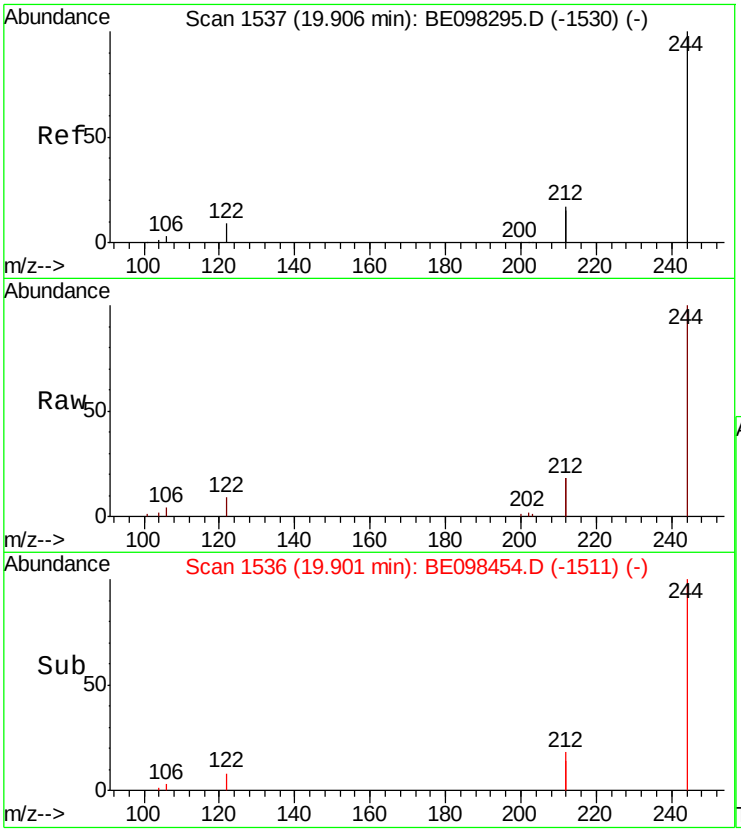


#28
Pyrene
Concen: 0.346 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:202 Resp: 14762

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	17.4	14.1	21.1



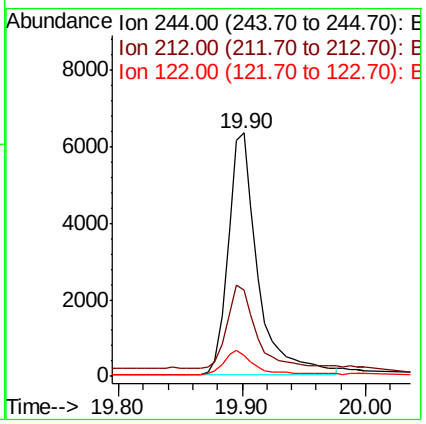


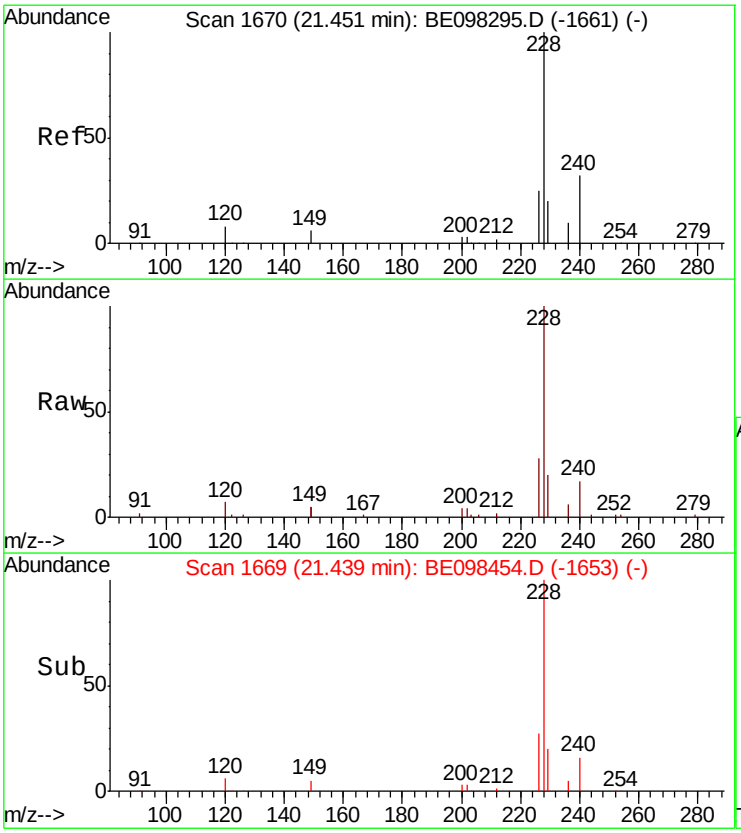
#29
Terphenyl-d14
Concen: 0.316 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 10450

Ion	Ratio	Lower	Upper
244	100		
212	35.5	27.4	41.0
122	8.6	8.3	12.5

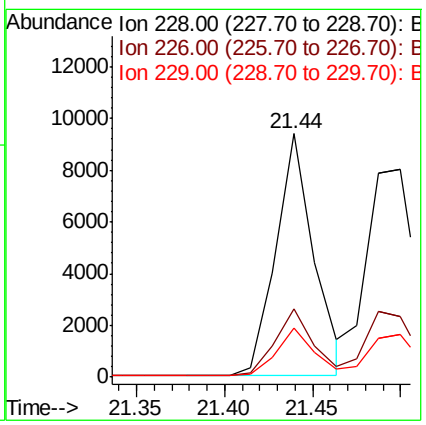


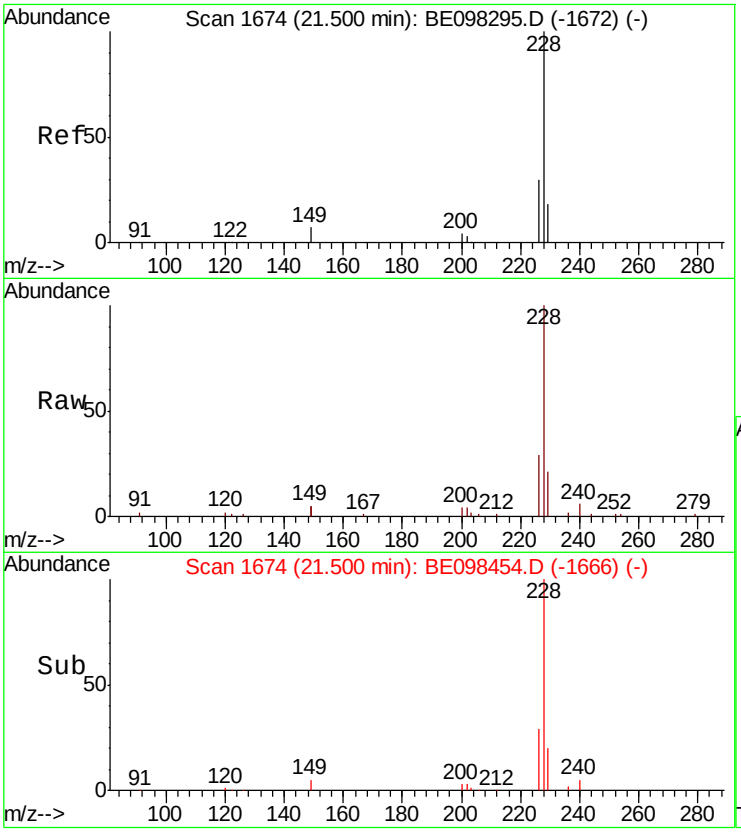


#30
Benzo(a)anthracene
Concen: 0.363 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:228 Resp: 14062

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.2	16.3	24.5



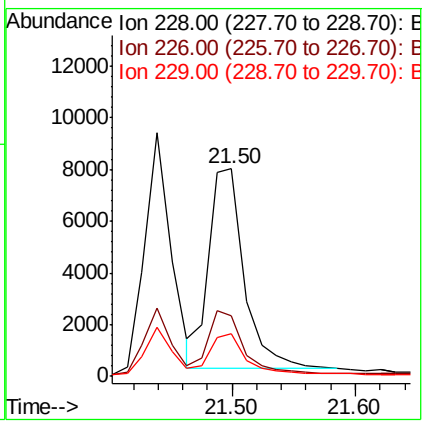


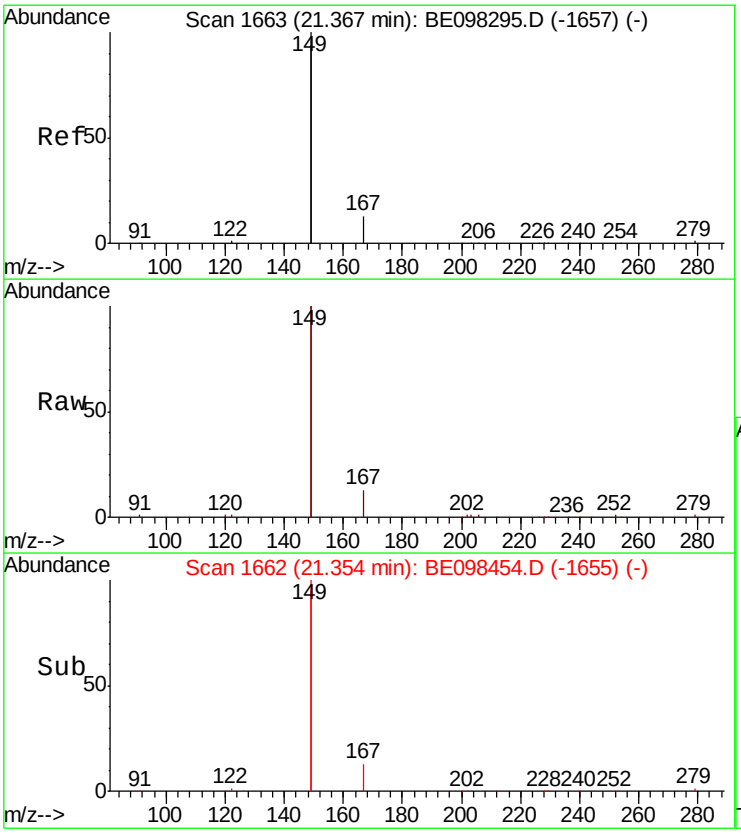
#31
Chrysene
Concen: 0.381 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 15472

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	20.7	16.2	24.4

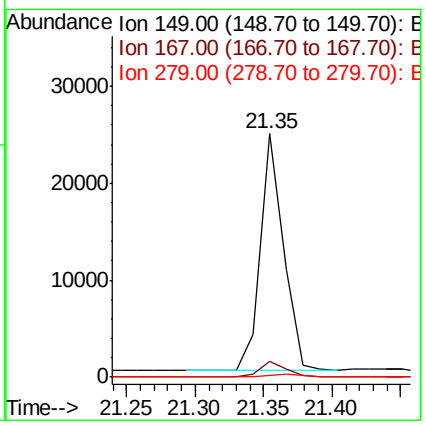


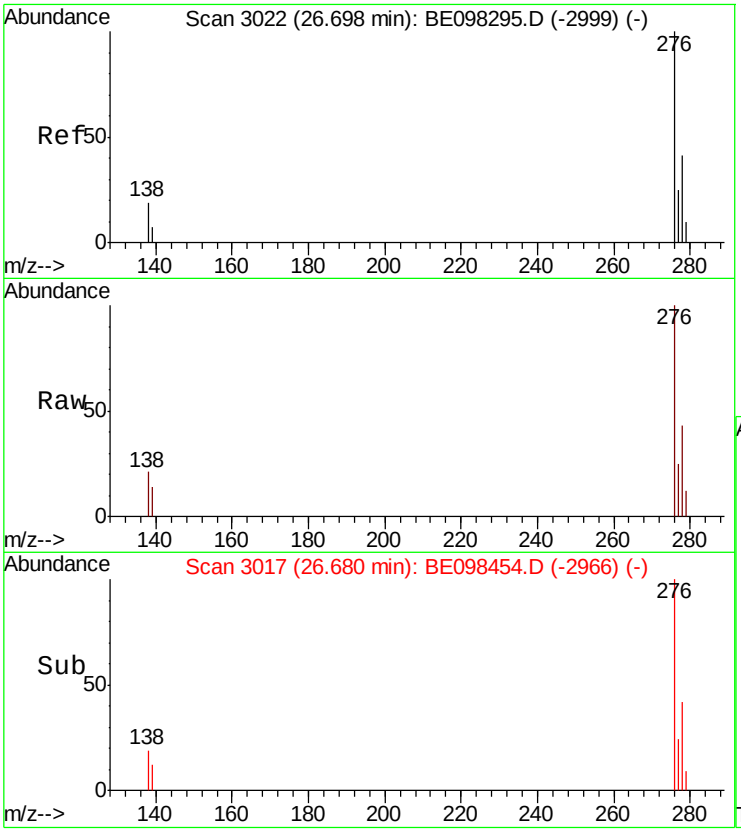


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.367 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:149 Resp: 28899

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.7	8.5
279	1.2	1.0	1.4



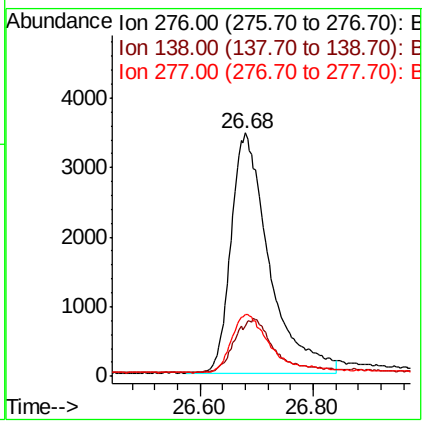


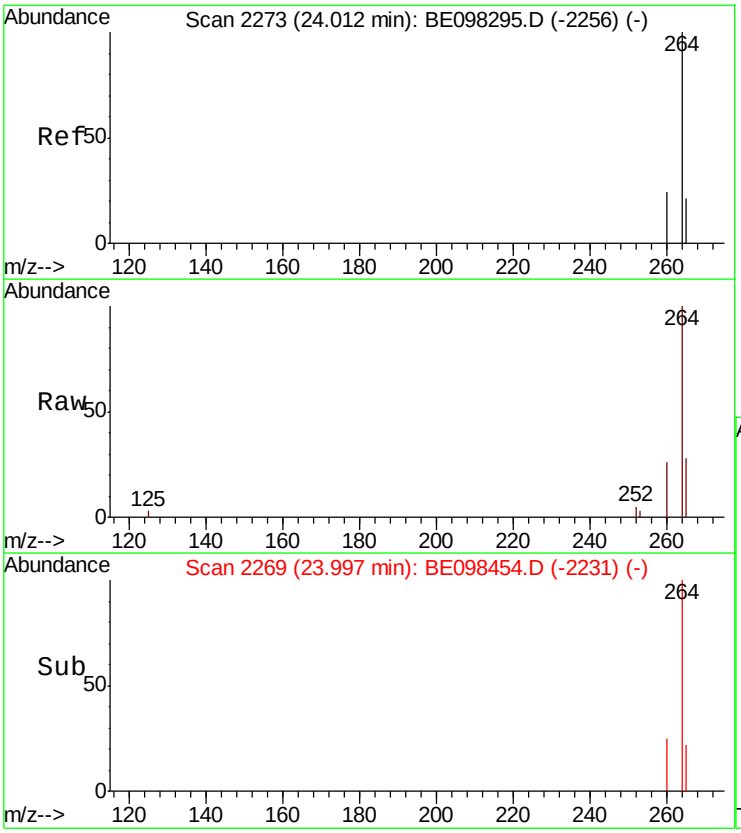
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng
RT: 26.68 min Scan# 3017
Delta R.T. -0.02 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 16143

Ion	Ratio	Lower	Upper
276	100		
138	23.1	16.3	24.5
277	25.2	20.2	30.4

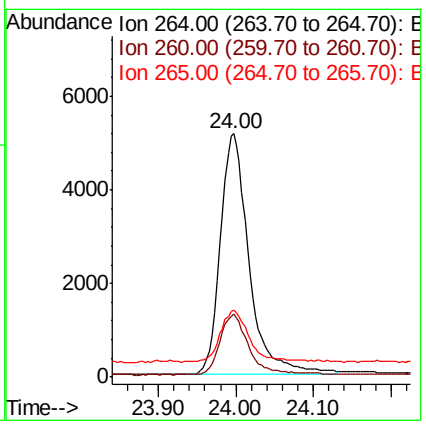


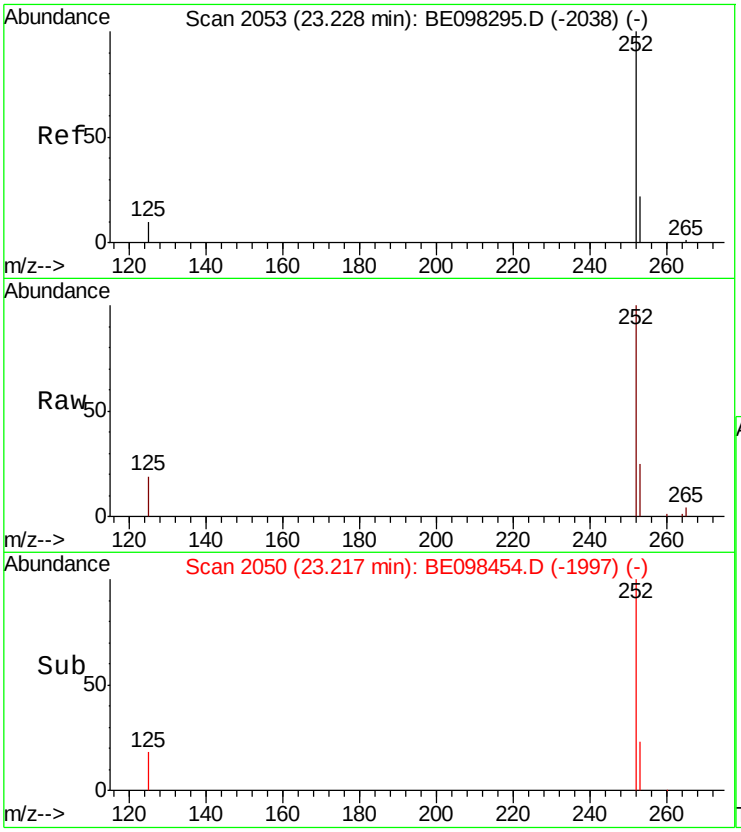


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:264 Resp: 13237

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	27.6	25.2	37.8



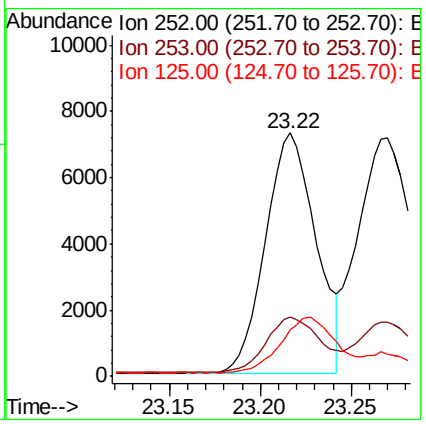


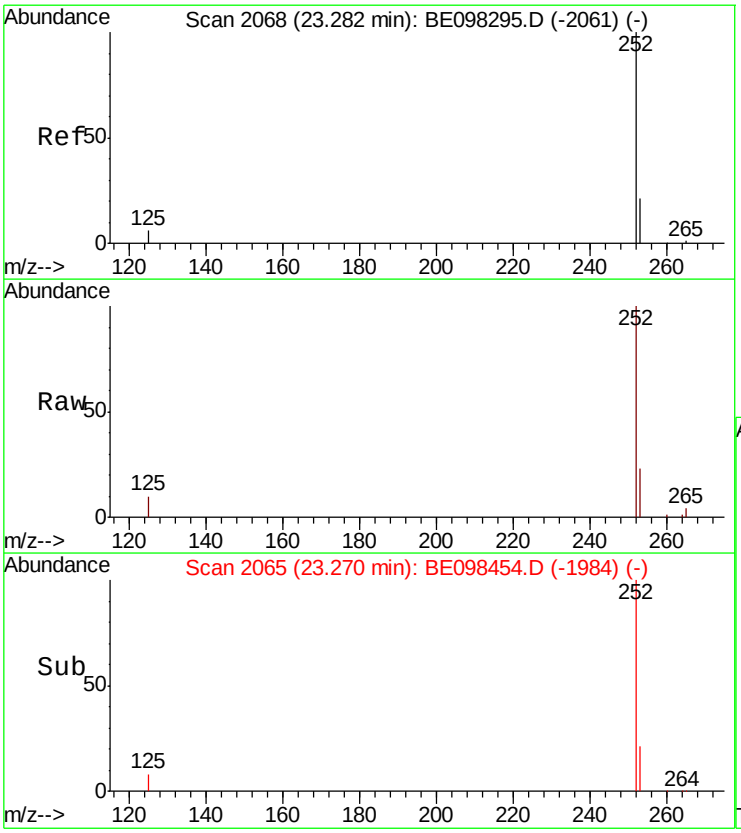
#35
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 23.22 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 14020

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.0	30.0
125	19.3	9.6	14.4#

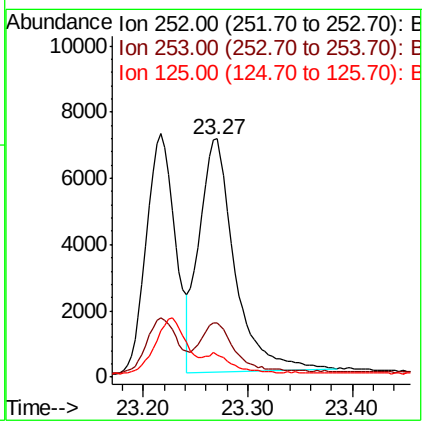


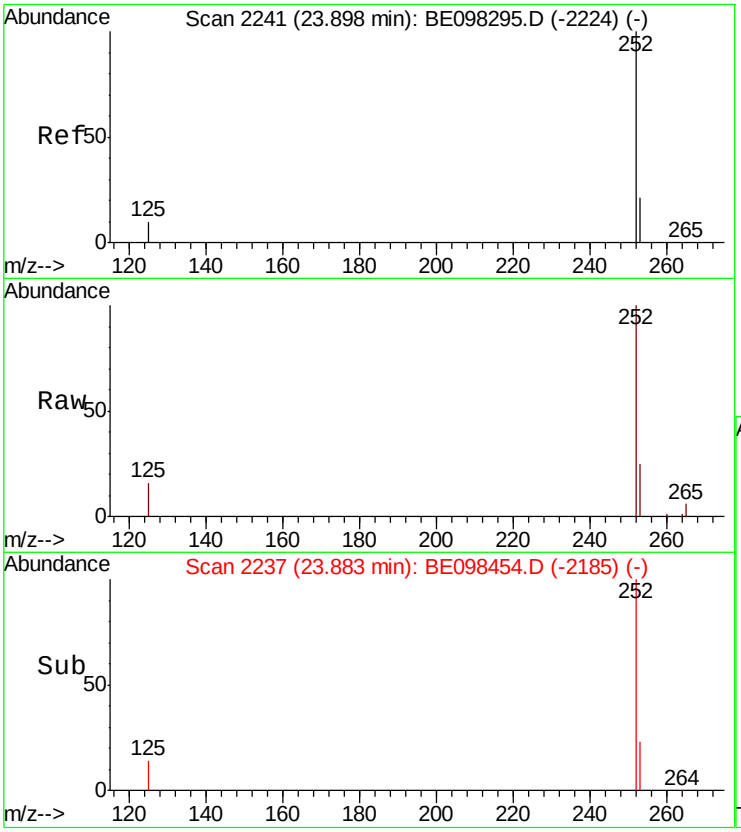


#36
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:252 Resp: 16581

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.6
125	9.5	9.1	13.7



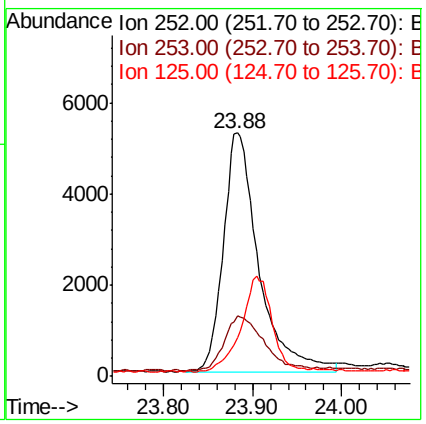


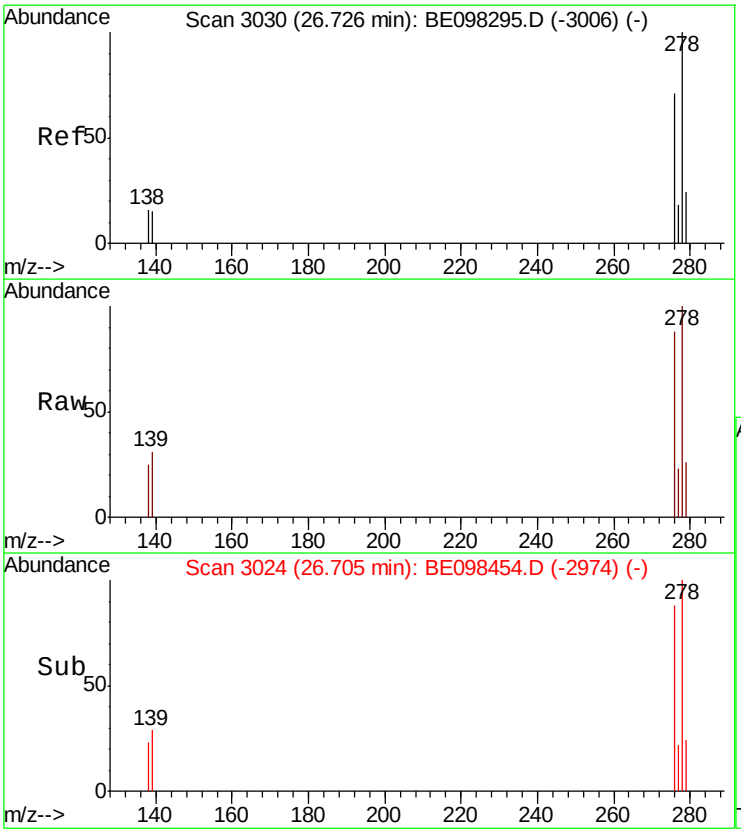
#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.88 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 14506

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.6	30.8
125	15.7	10.5	15.7

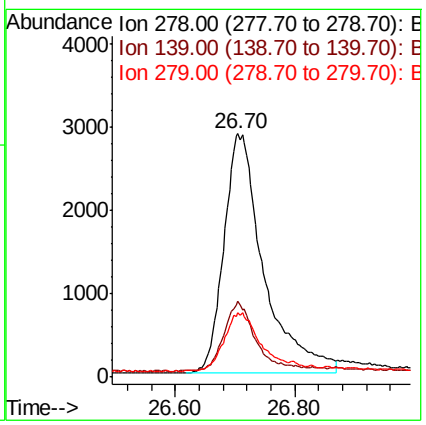


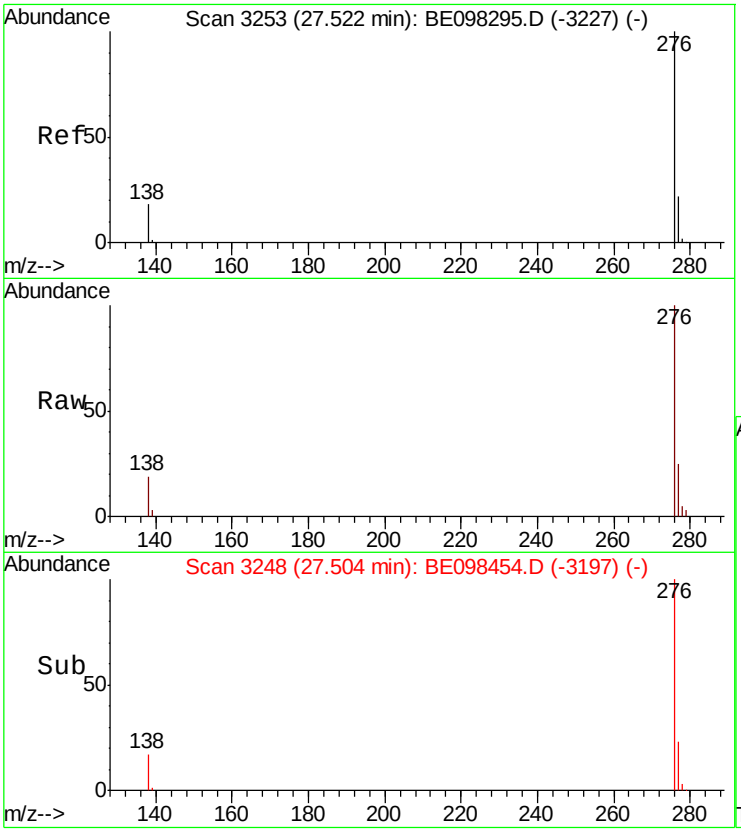


#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 26.70 min Scan# 3024
Delta R.T. -0.02 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:278 Resp: 13309

Ion	Ratio	Lower	Upper
278	100		
139	31.1	14.5	21.7#
279	26.2	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 27.50 min Scan# 3248
Delta R.T. -0.02 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 13376

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.8	31.2
138	18.8	15.8	23.6