Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121518\
Data File : BE098487.D
Acq On : 16 Dec 2018 1:05
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jan 02 02:39:58 2019
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	836	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	3698	0.40	ng		-0.01
13) Acenaphthene-d10	14.52	164	2300	0.40	ng		-0.01
19) Phenanthrene-d10	17.27	188	6125	0.40	ng		-0.01
27) Chrysene-d12	21.45	240	7365	0.40	ng		-0.01
34) Perylene-d12	24.00	264	6673	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	898	0.46	ng		0.01
5) Phenol-d6	7.04	99	1237	0.45	ng		0.00
8) Nitrobenzene-d5	9.03	82	1271	0.38	ng		0.01
11) 2-Methylnaphthalene-d10	12.25	152	2439	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	16.02	330	376	0.45	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	4052	0.42	ng		0.00
25) Fluoranthene-d10	19.30	212	32366	0.41	ng		0.00
29) Terphenyl-d14	19.90	244	5975	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	515	0.356	ng		92
3) n-Nitrosodimethylamine	3.70	42	319	0.245	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	848	0.322	ng		97
9) Naphthalene	10.71	128	15519	0.417	ng		99
10) Hexachlorobutadiene	10.99	225	1134	0.479	ng		99
12) 2-Methylnaphthalene	12.34	142	2308	0.382	ng		95
16) Acenaphthylene	14.24	152	4546	0.422	ng		98
17) Acenaphthene	14.59	154	2619	0.405	ng	#	92
18) Fluorene	15.57	166	3539	0.409	ng		97
20) 4-Bromophenyl-phenylether	16.46	248	1238	0.376	ng	#	82
21) Hexachlorobenzene	16.58	284	1535	0.433	ng		92
22) Pentachlorophenol	16.94	266	314	0.526	ng		96
23) Phenanthrene	17.31	178	6062	0.407	ng		100
24) Anthracene	17.41	178	4687	0.353	ng		98
26) Fluoranthene	19.33	202	8221	0.417	ng		98
28) Pyrene	19.69	202	8937	0.387	ng		99
30) Benzo(a)anthracene	21.44	228	7332	0.350	ng		98
31) Chrysene	21.50	228	9070	0.413	ng		98
32) Bis(2-ethylhexyl)phthalate	21.35	149	11150	0.262	ng		98
33) Indeno(1,2,3-cd)pyrene	26.69	276	8726	0.399	ng	#	85
35) Benzo(b)fluoranthene	23.27	252	9361	0.513	ng		99
36) Benzo(k)fluoranthene	23.27	252	9840	0.463	ng		98
37) Benzo(a)pyrene	23.89	252	7992	0.424	ng	#	94
38) Dibenzo(a,h)anthracene	26.72	278	6570	0.370	ng	#	95
39) Benzo(g,h,i)perylene	27.51	276	7550	0.422	ng		99

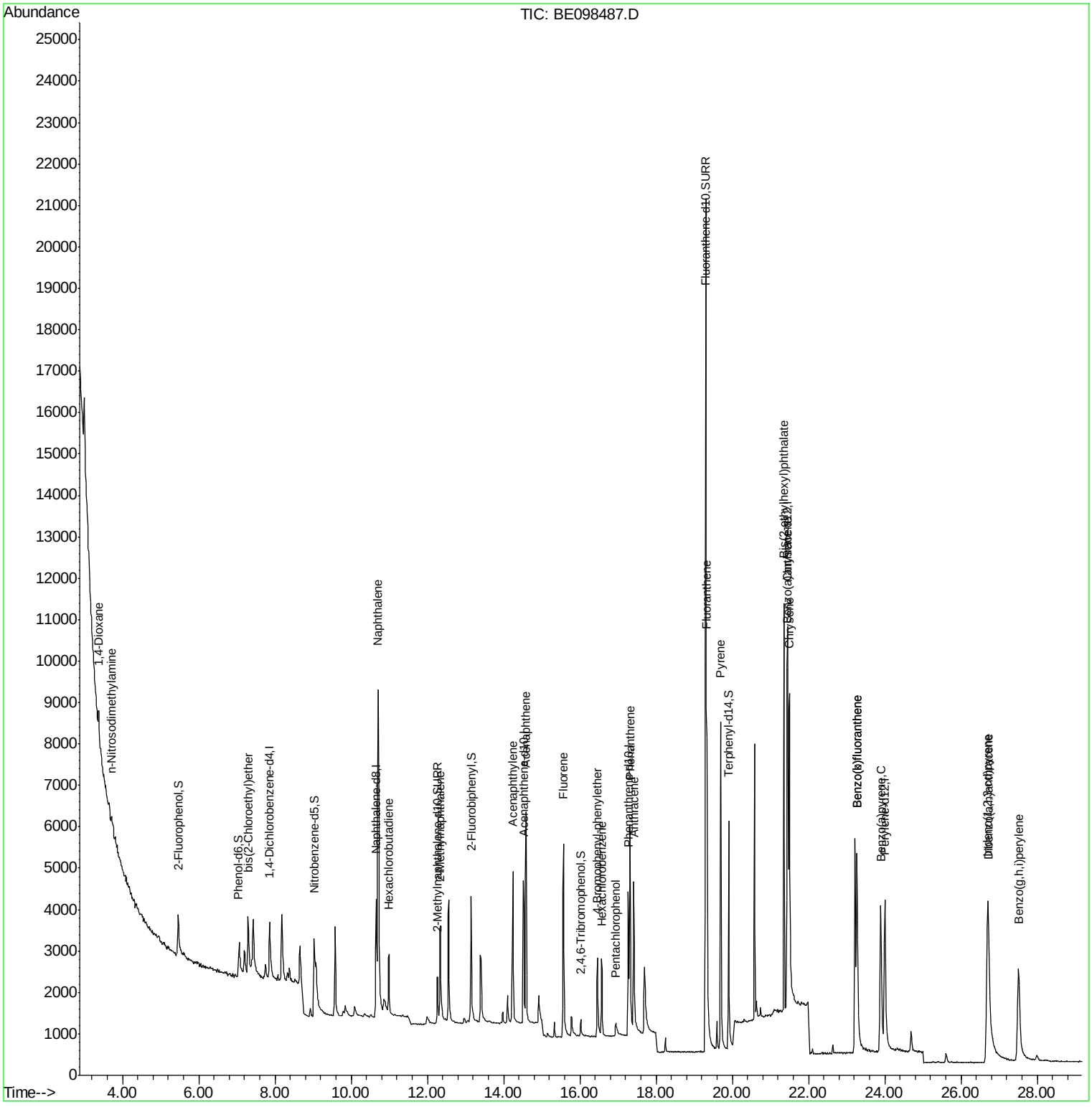
(#) = qualifier out of range (m) = manual integration (+) = signals summed

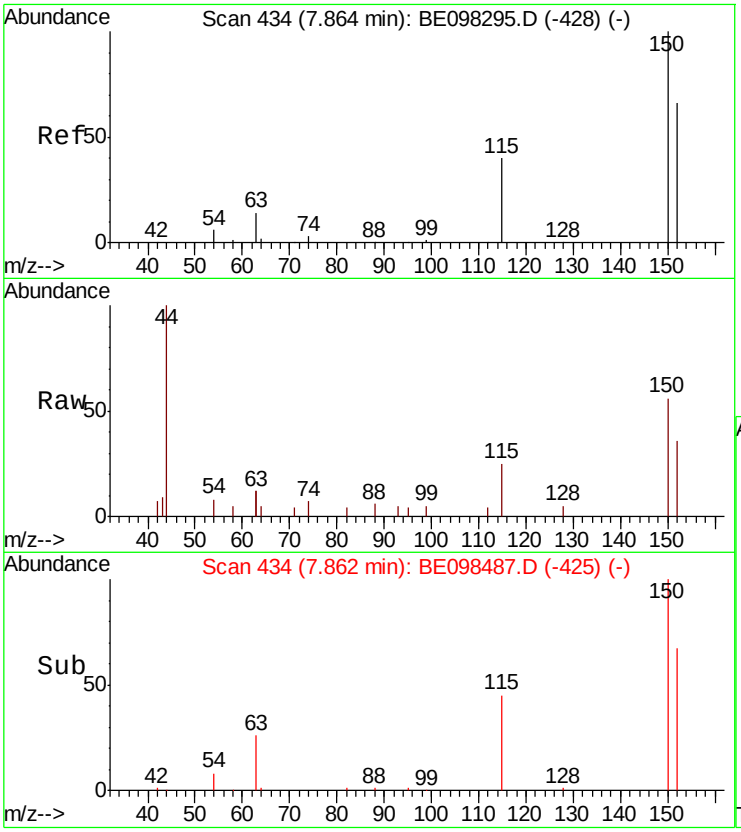
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121518\
Data File : BE098487.D
Acq On : 16 Dec 2018 1:05
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 02 02:39:58 2019
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



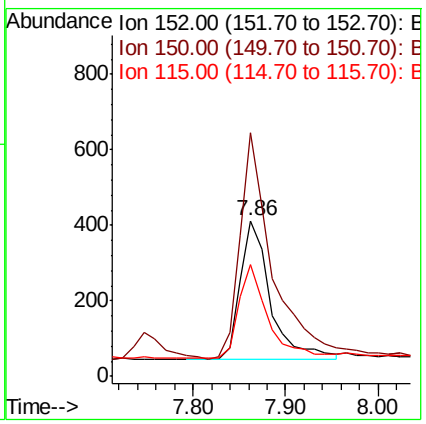


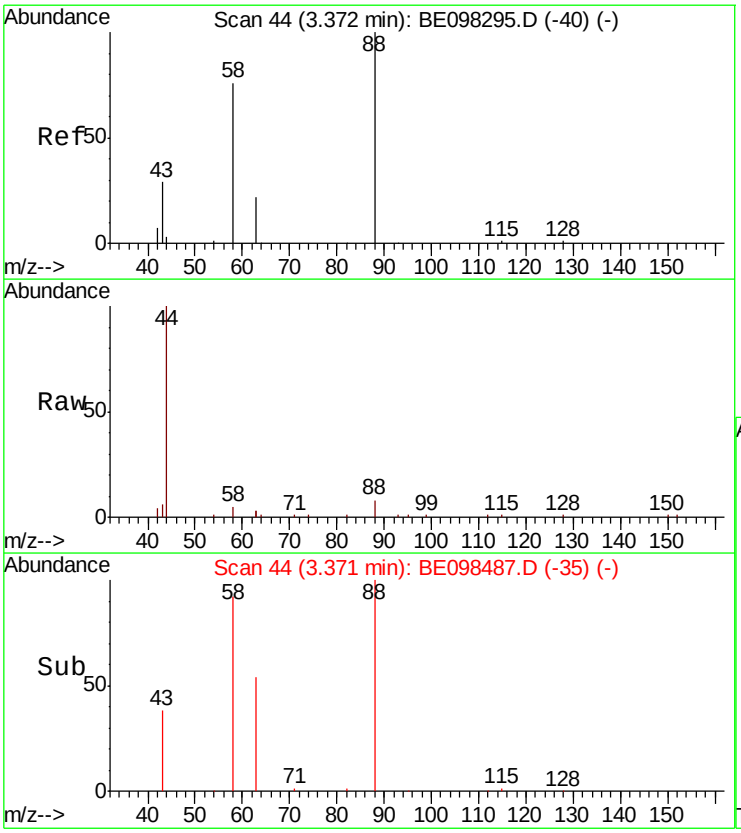
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 836

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.4
115	71.4	53.9	80.9

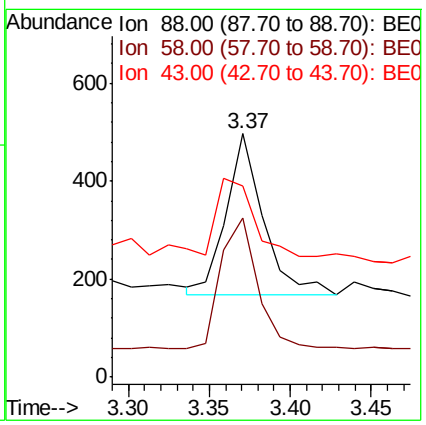


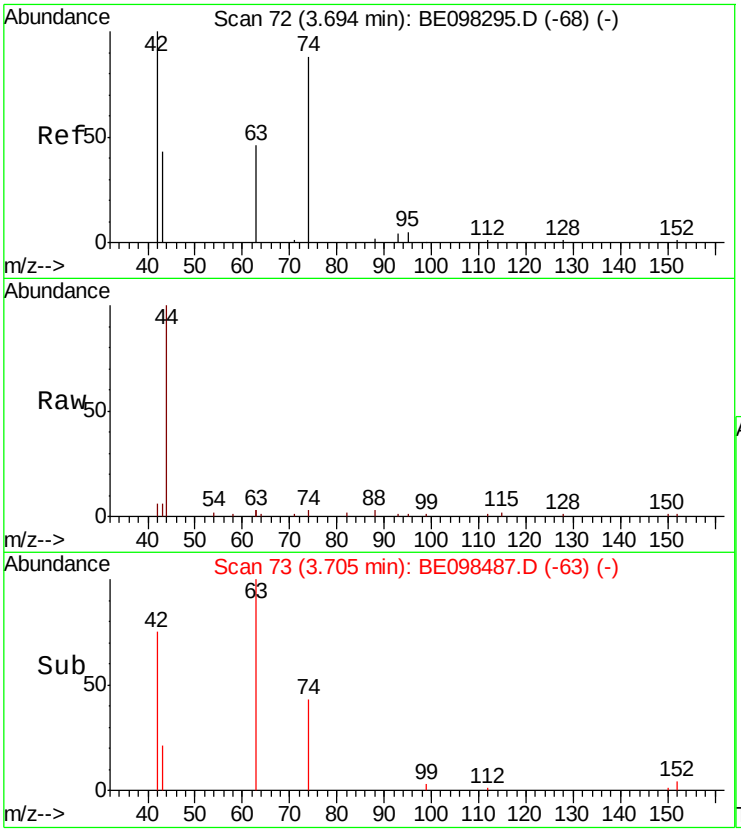


#2
1,4-Dioxane
Concen: 0.356 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion: 88 Resp: 515

Ion	Ratio	Lower	Upper
88	100		
58	82.3	75.0	112.6
43	48.2	38.3	57.5



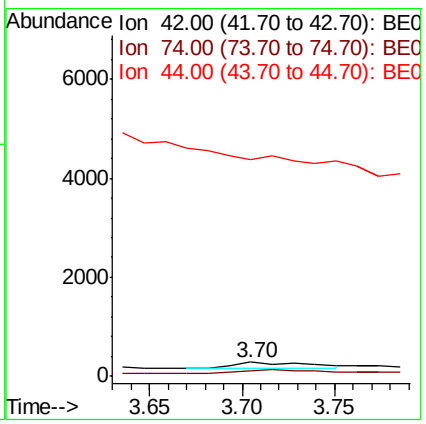


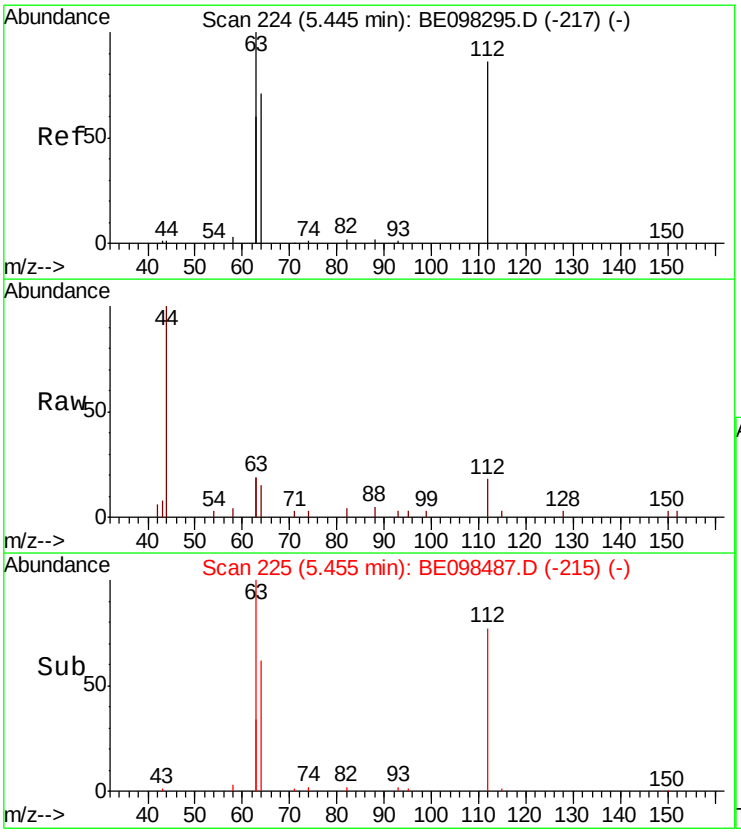
#3
n-Nitrosodimethylamine
Concen: 0.245 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 319

Ion	Ratio	Lower	Upper
42	100		
74	69.0	0.0	0.0#
44	0.0	0.0	0.0

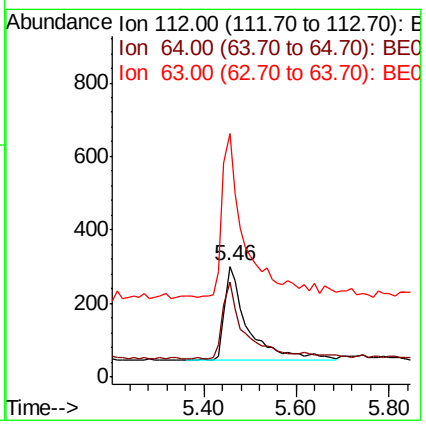


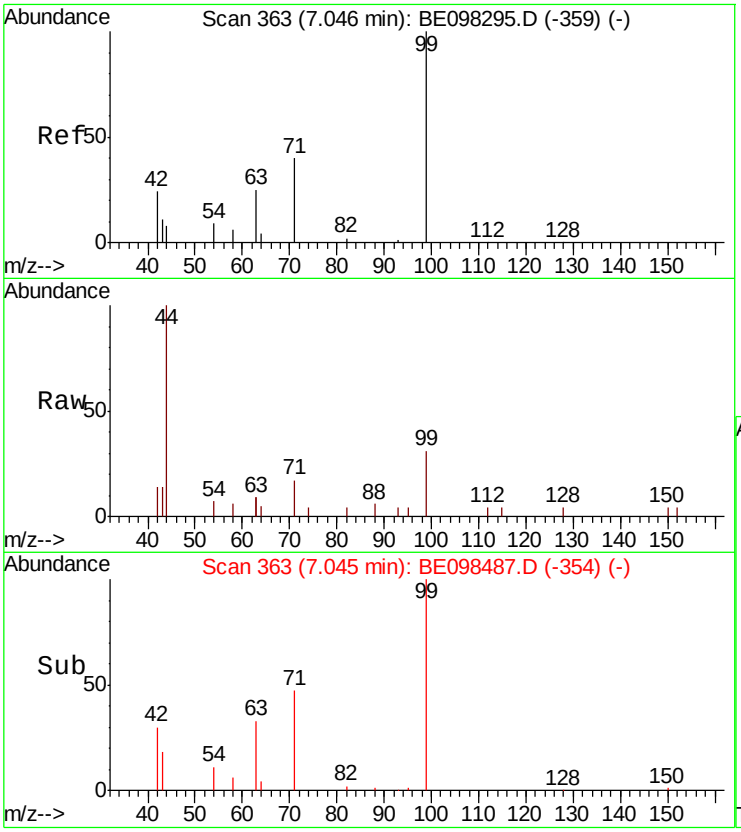


#4
2-Fluorophenol
Concen: 0.459 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:112 Resp: 898

Ion	Ratio	Lower	Upper
112	100		
64	73.1	59.8	89.8
63	150.8	133.7	200.5



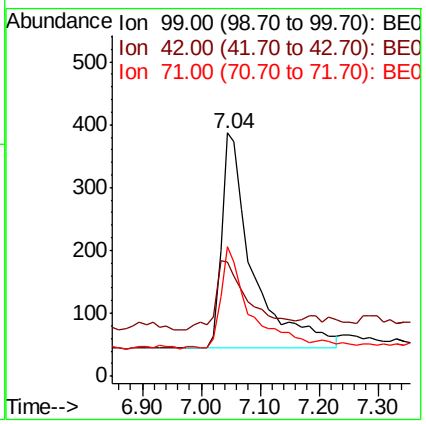


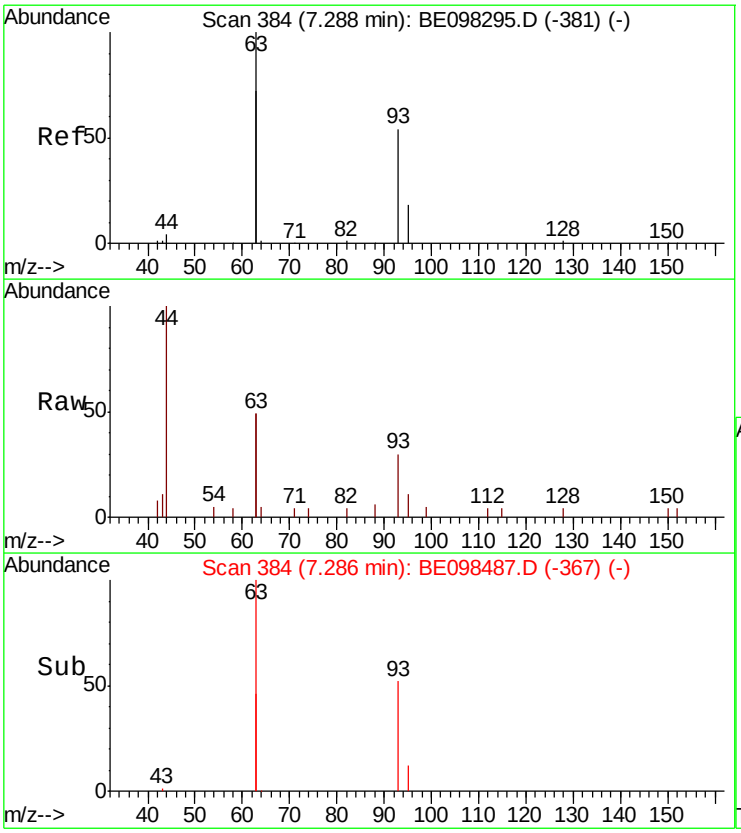
#5
Phenol-d6
Concen: 0.446 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1237

Ion	Ratio	Lower	Upper
99	100		
42	34.1	26.3	39.5
71	44.8	33.6	50.4

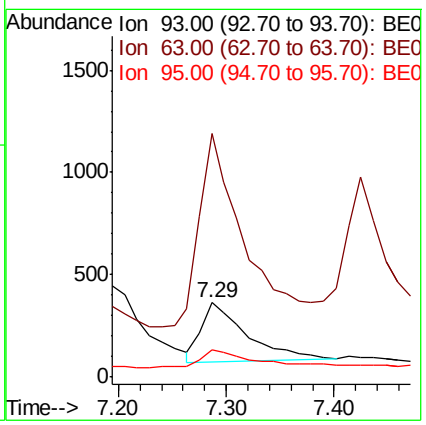


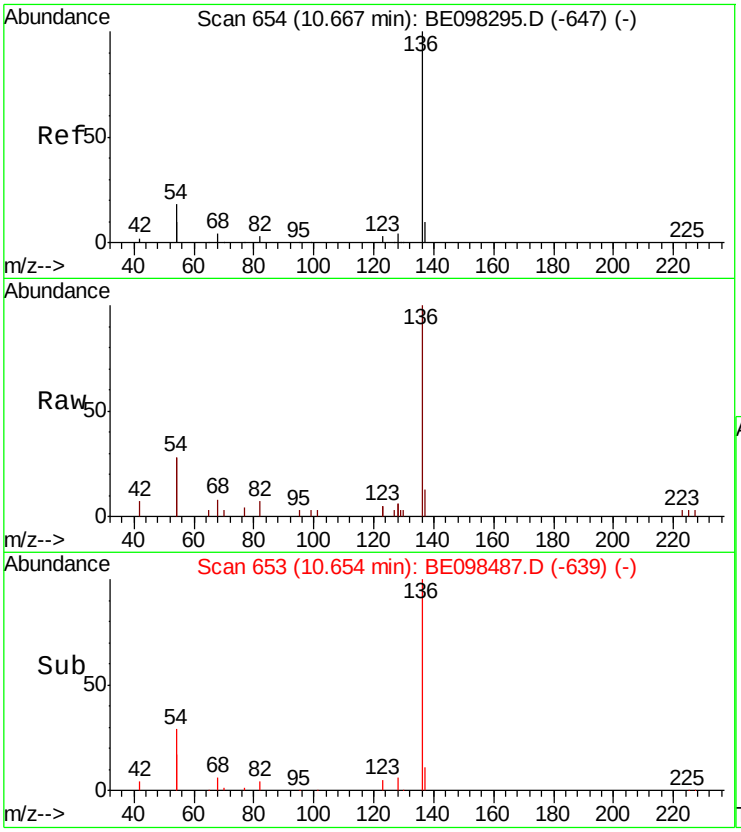


#6
bis(2-Chloroethyl)ether
Concen: 0.322 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion: 93 Resp: 848

Ion	Ratio	Lower	Upper
93	100		
63	325.1	264.4	396.6
95	39.6	26.6	40.0



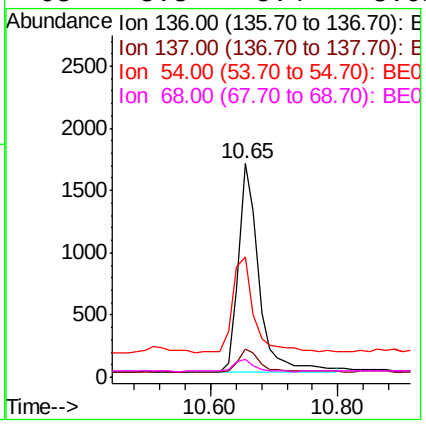


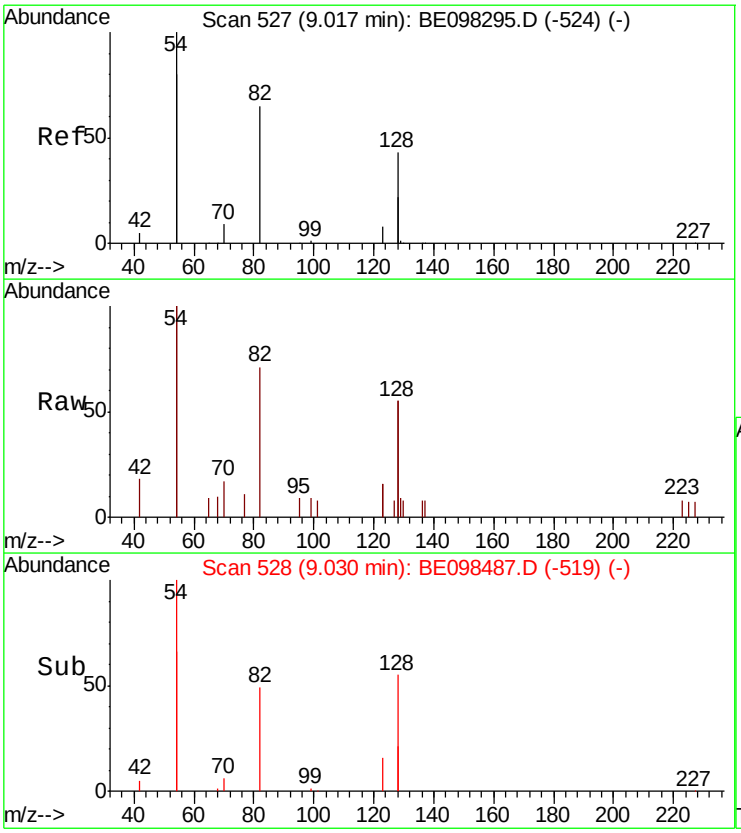
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3698

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.2	13.8
54	56.5	28.4	42.6#
68	8.3	5.4	8.0#

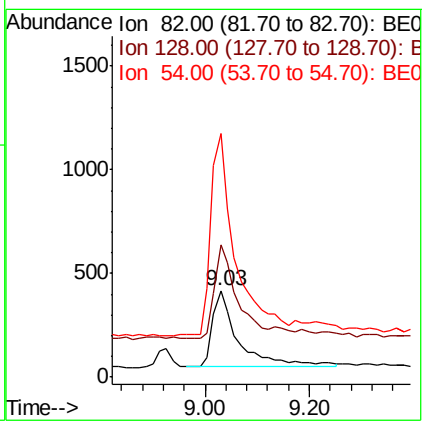


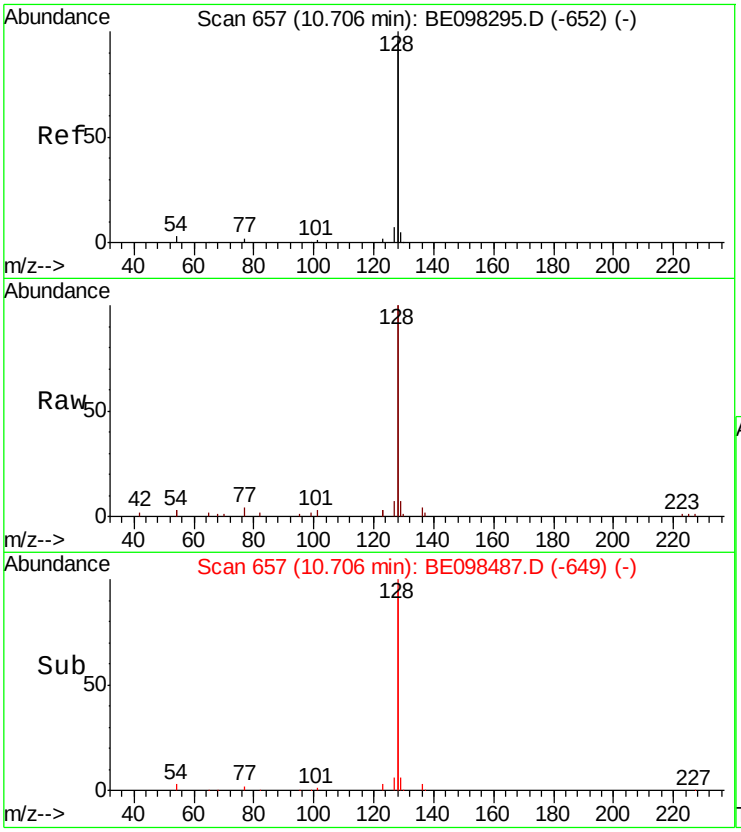


#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion: 82 Resp: 1271

Ion	Ratio	Lower	Upper
82	100		
128	153.5	102.4	153.6
54	281.5	221.8	332.8



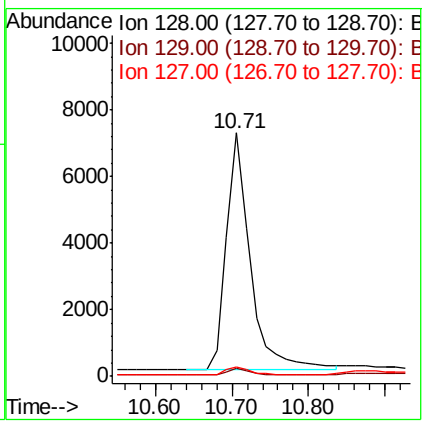


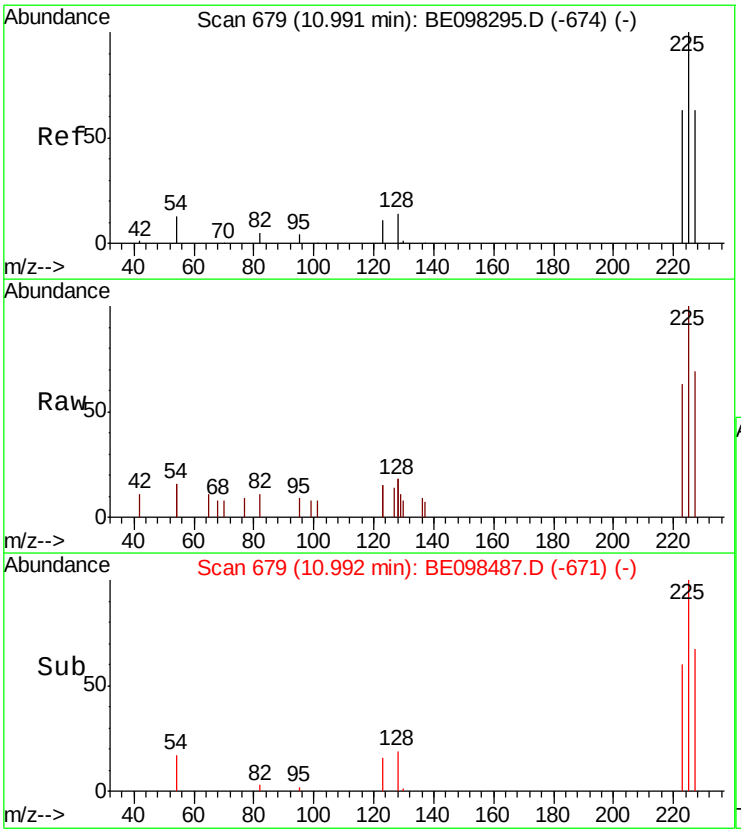
#9
Naphthalene
Concen: 0.417 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15519

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

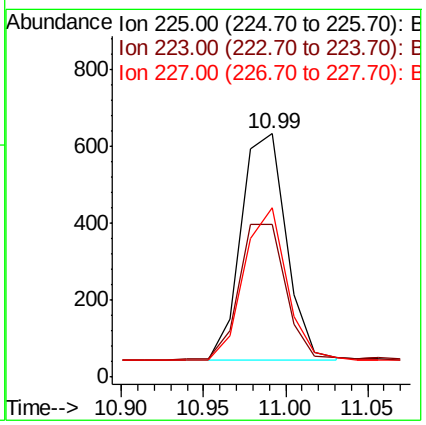


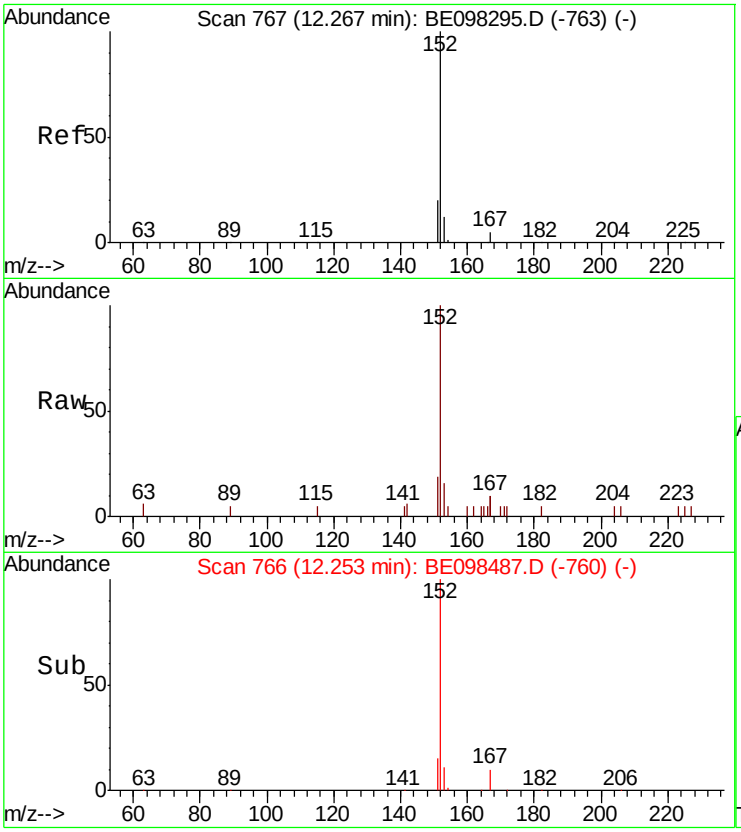


#10
Hexachlorobutadiene
Concen: 0.479 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:225 Resp: 1134

Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.4	74.0
227	63.4	52.0	78.0



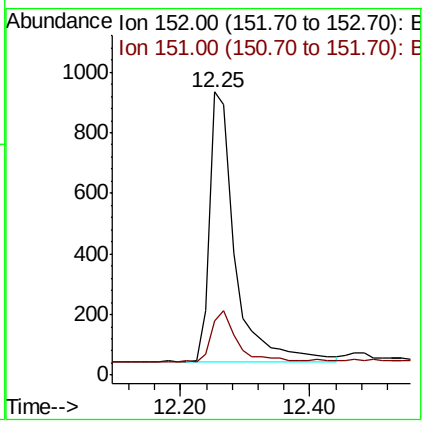


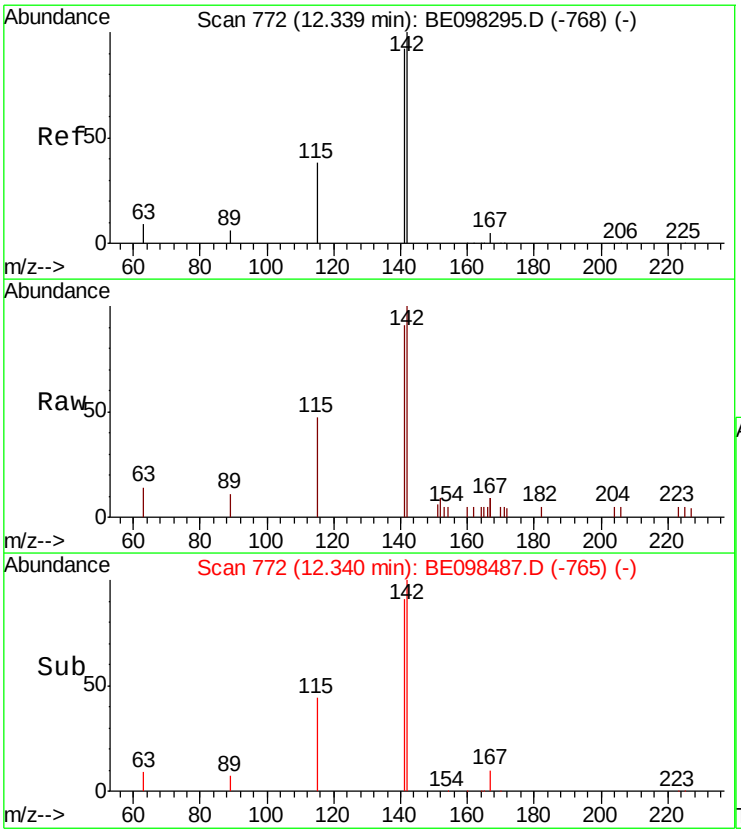
#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2439

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4

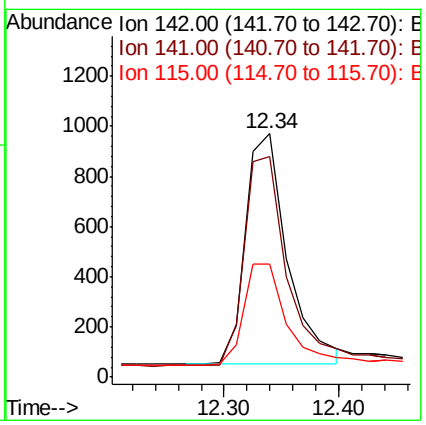


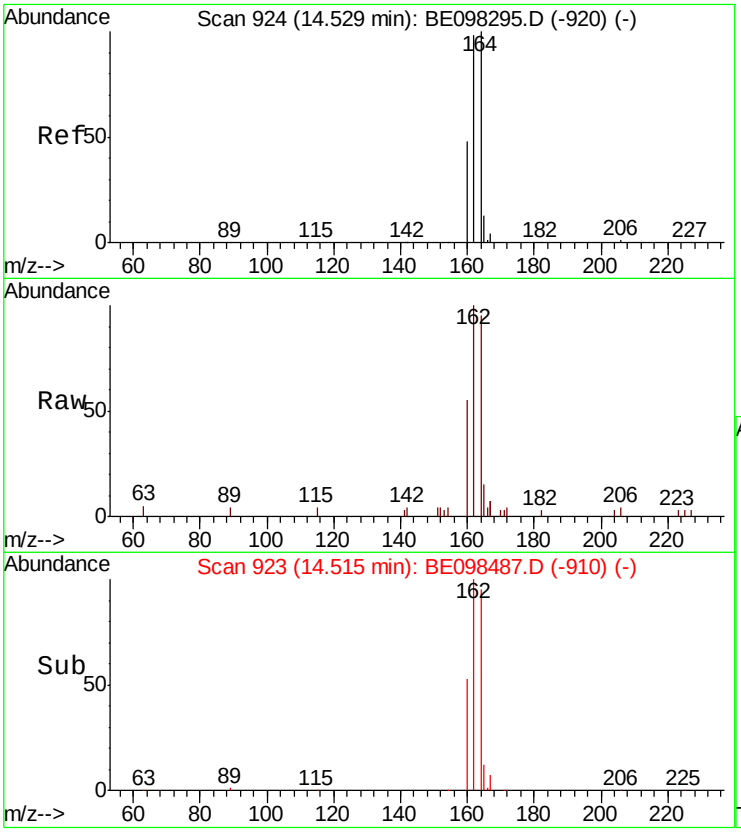


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:142 Resp: 2308

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	46.5	32.2	48.2



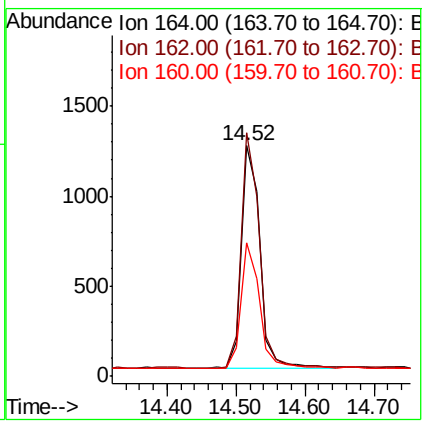


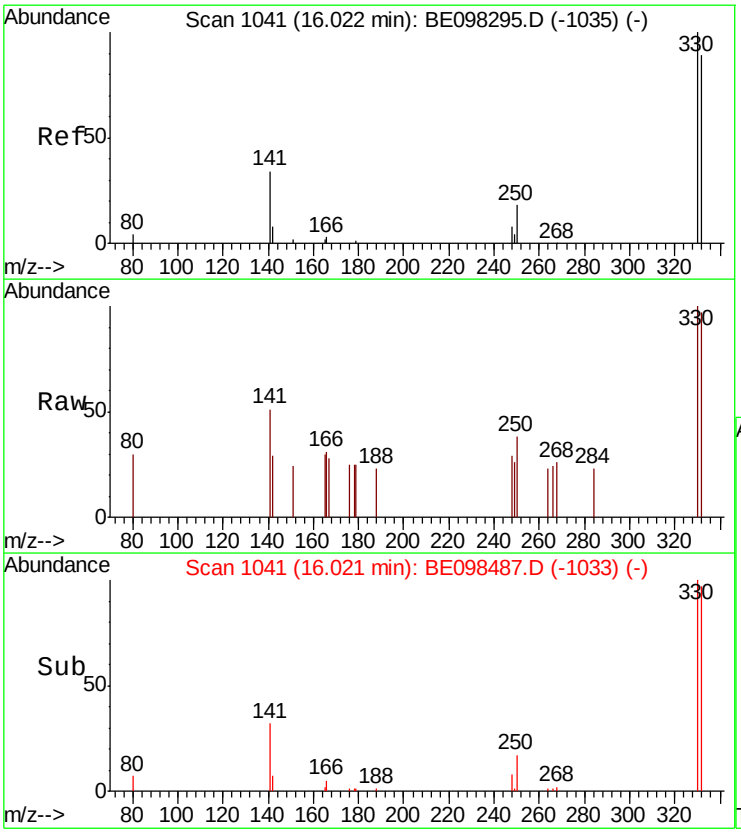
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2300

Ion	Ratio	Lower	Upper
164	100		
162	105.7	77.6	116.4
160	57.9	36.0	54.0#

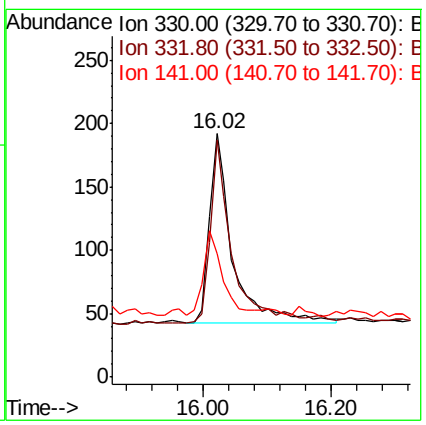


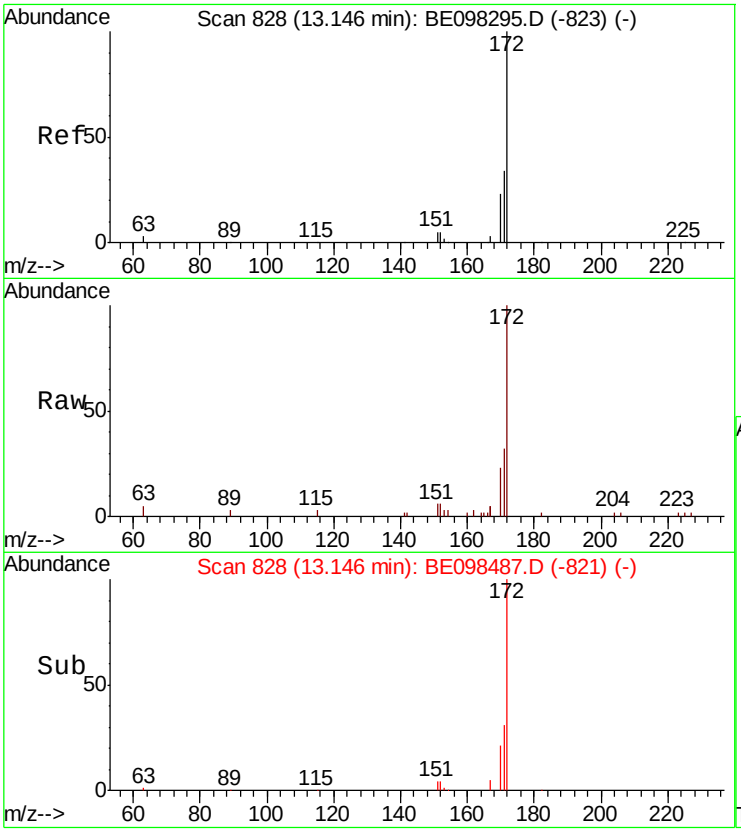


#14
2,4,6-Tribromophenol
Concen: 0.445 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:330 Resp: 376

Ion	Ratio	Lower	Upper
330	100		
332	90.7	76.2	114.4
141	38.0	39.0	58.4#



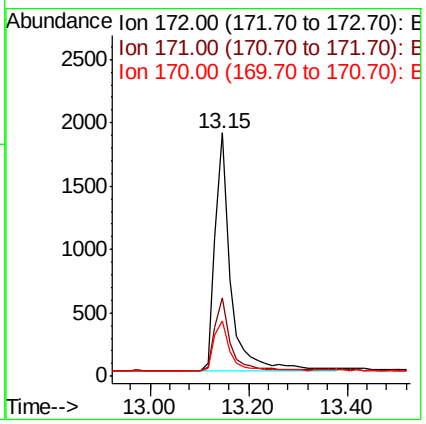


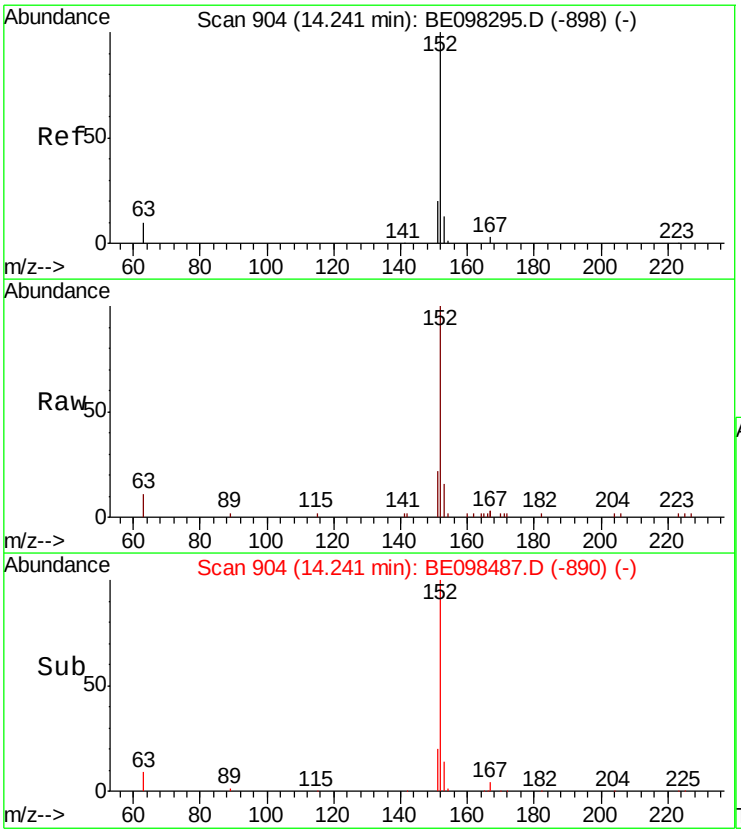
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4052

Ion	Ratio	Lower	Upper
172	100		
171	32.3	27.5	41.3
170	22.9	19.6	29.4

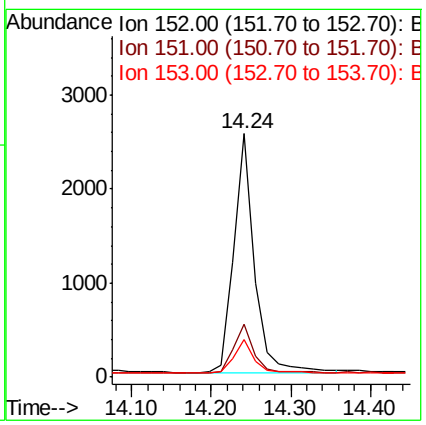


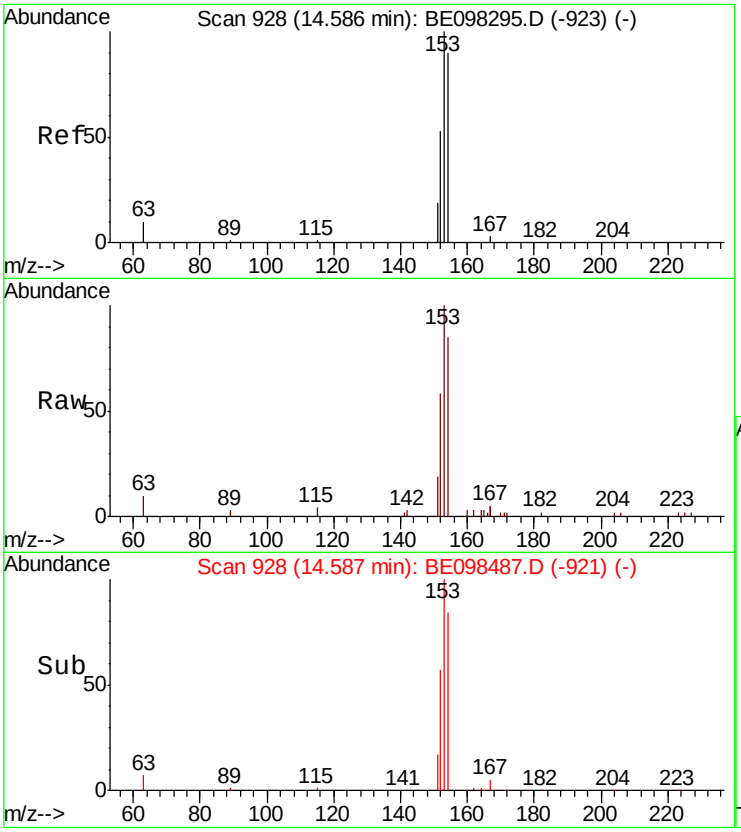


#16
Acenaphthylene
Concen: 0.422 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:152 Resp: 4546

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.5	23.3
153	14.0	10.6	16.0



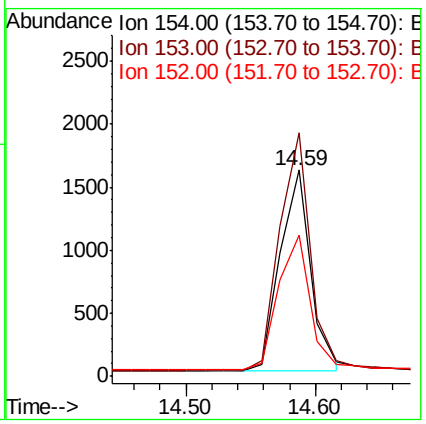


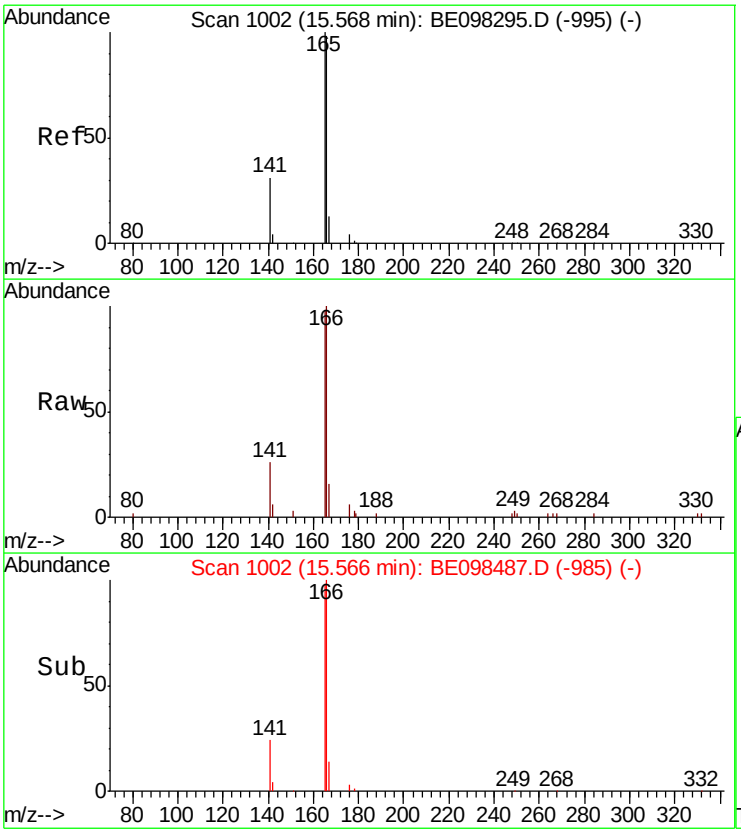
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2619

Ion	Ratio	Lower	Upper
154	100		
153	118.9	91.8	137.6
152	69.2	45.5	68.3#

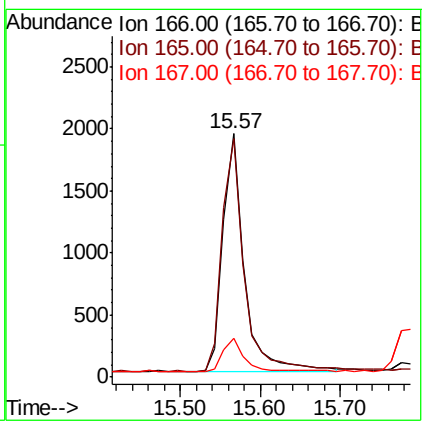


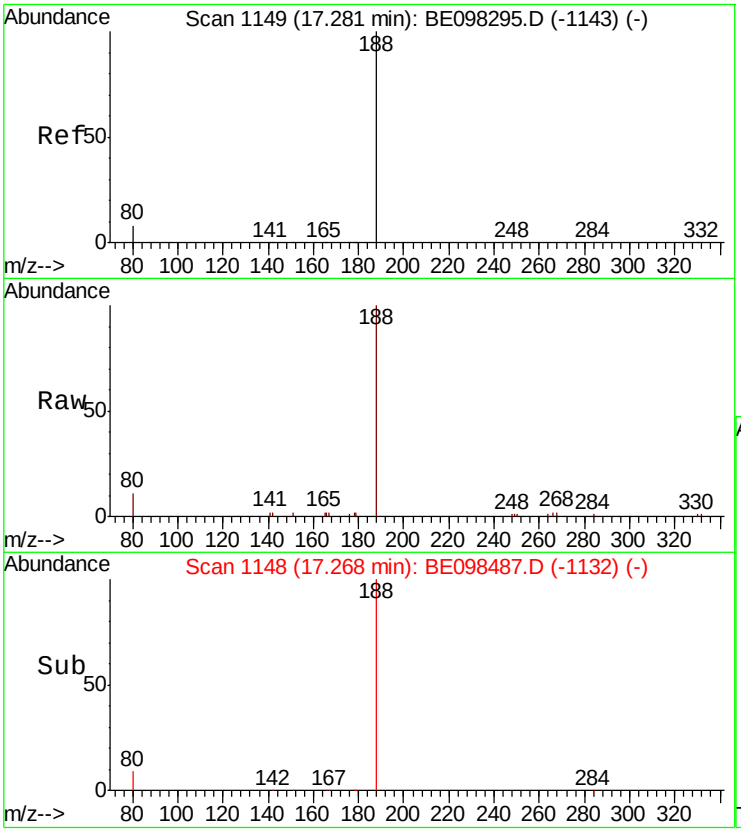


#18
Fluorene
Concen: 0.409 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:166 Resp: 3539

Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.3	118.9
167	14.2	11.3	16.9



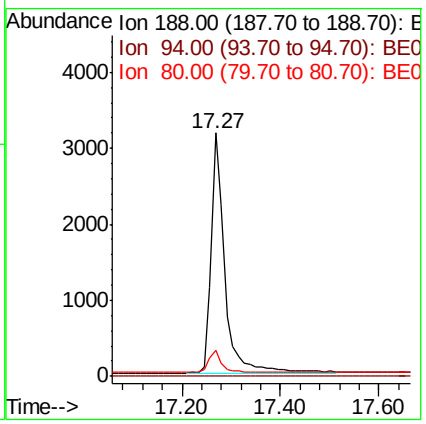


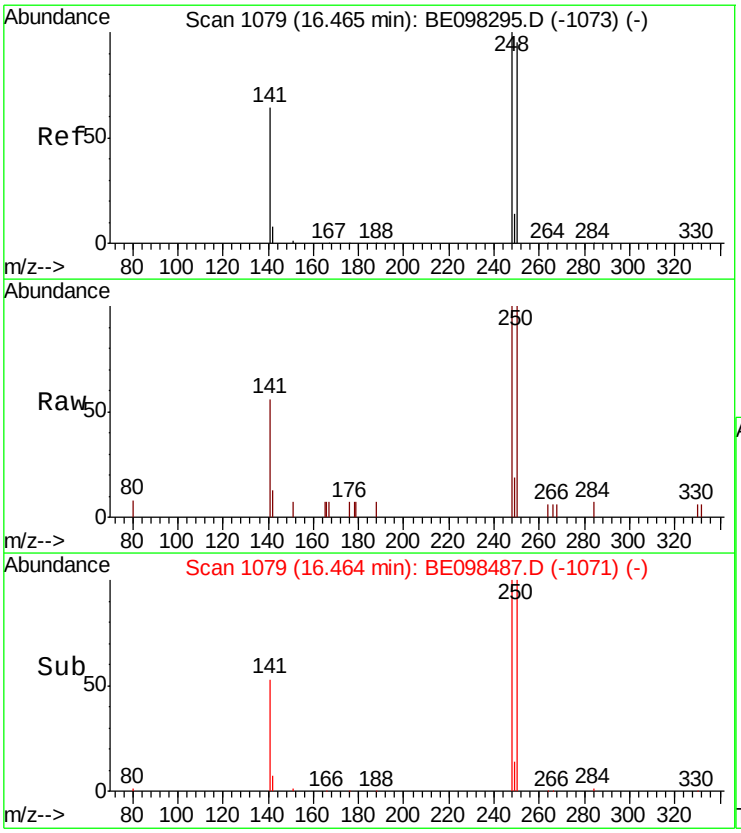
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6125

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	7.2	10.8#

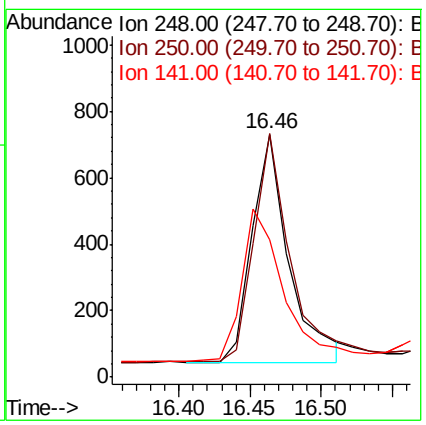


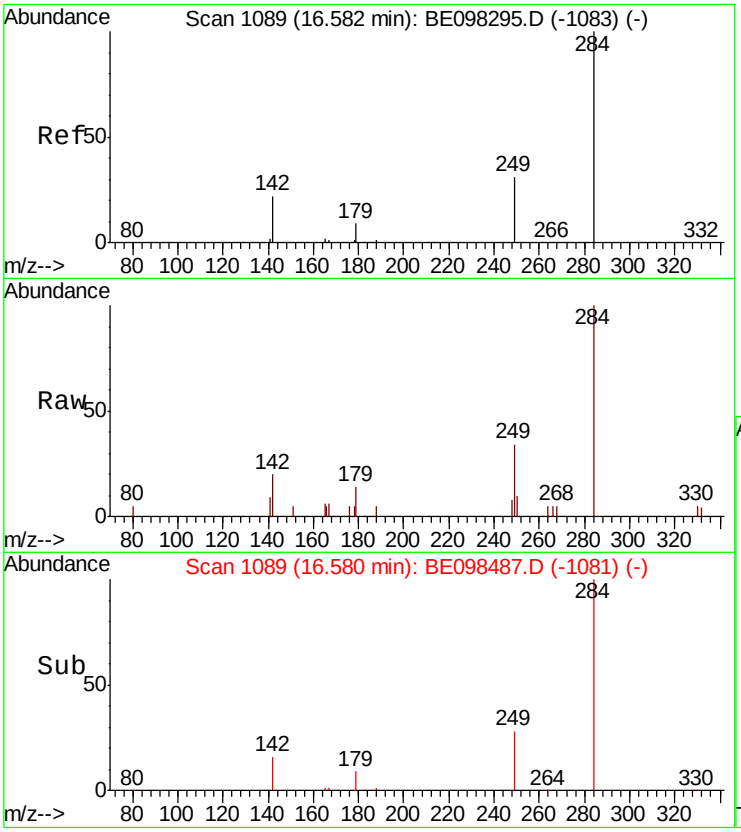


#20
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:248 Resp: 1238

Ion	Ratio	Lower	Upper
248	100		
250	100.3	71.0	106.6
141	56.5	62.1	93.1#



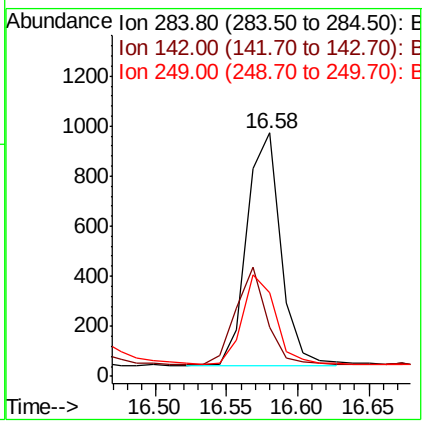


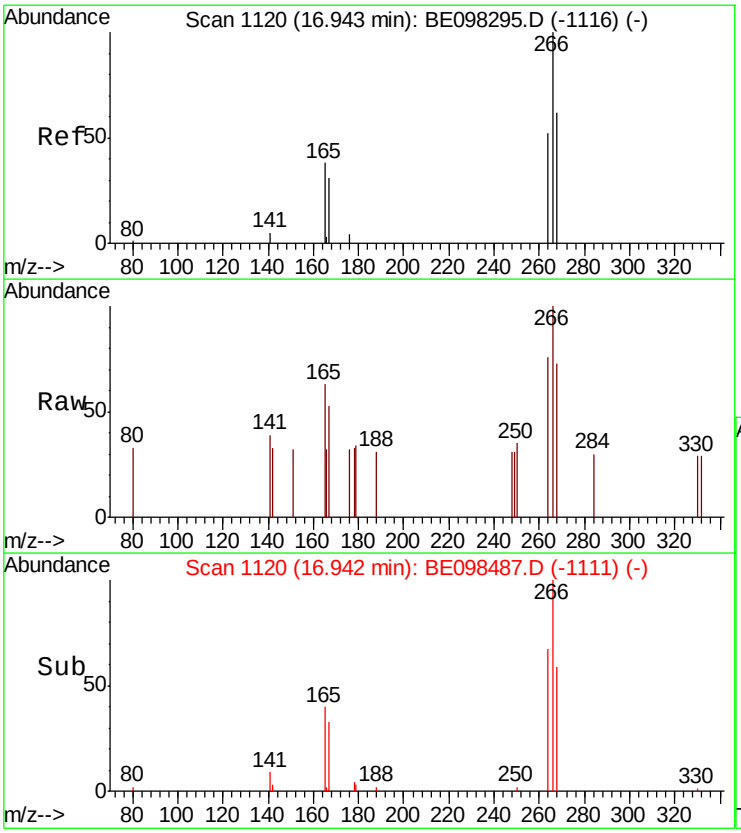
#21
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1535

Ion	Ratio	Lower	Upper
284	100		
142	37.9	26.3	39.5
249	36.7	26.0	39.0

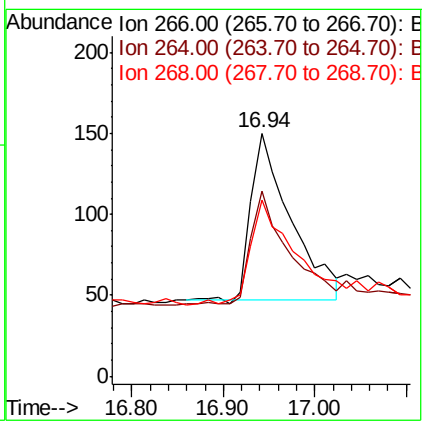


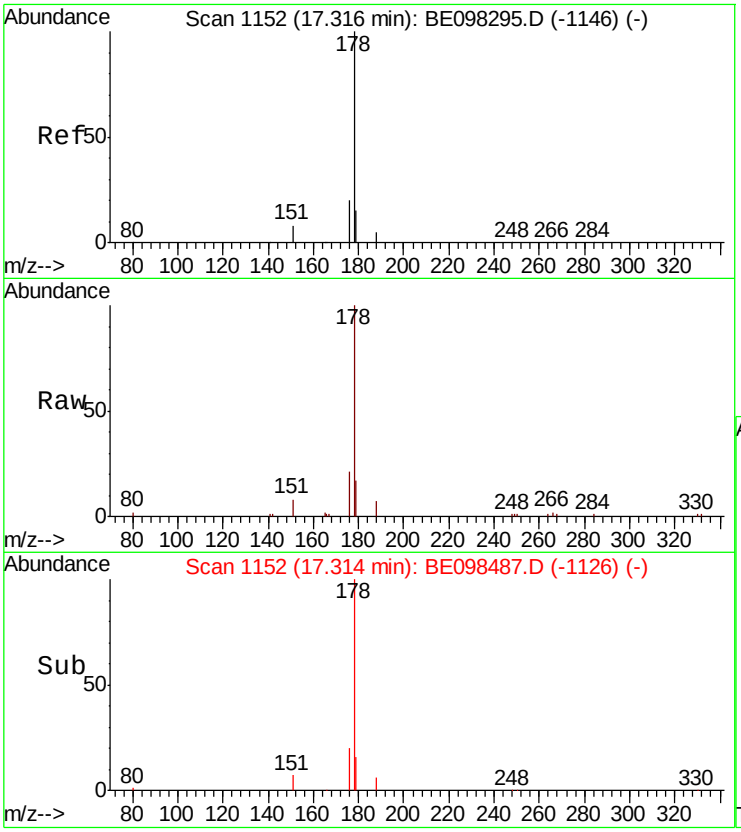


#22
Pentachlorophenol
Concen: 0.526 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:266 Resp: 314

Ion	Ratio	Lower	Upper
266	100		
264	76.0	59.0	88.4
268	72.7	55.1	82.7



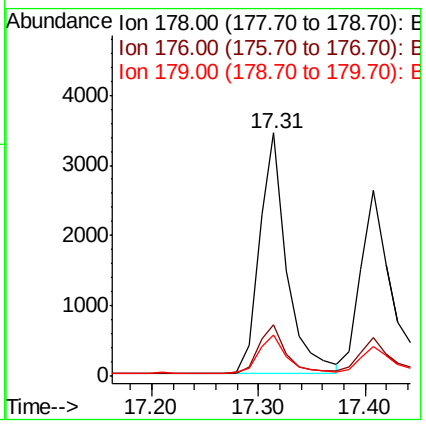


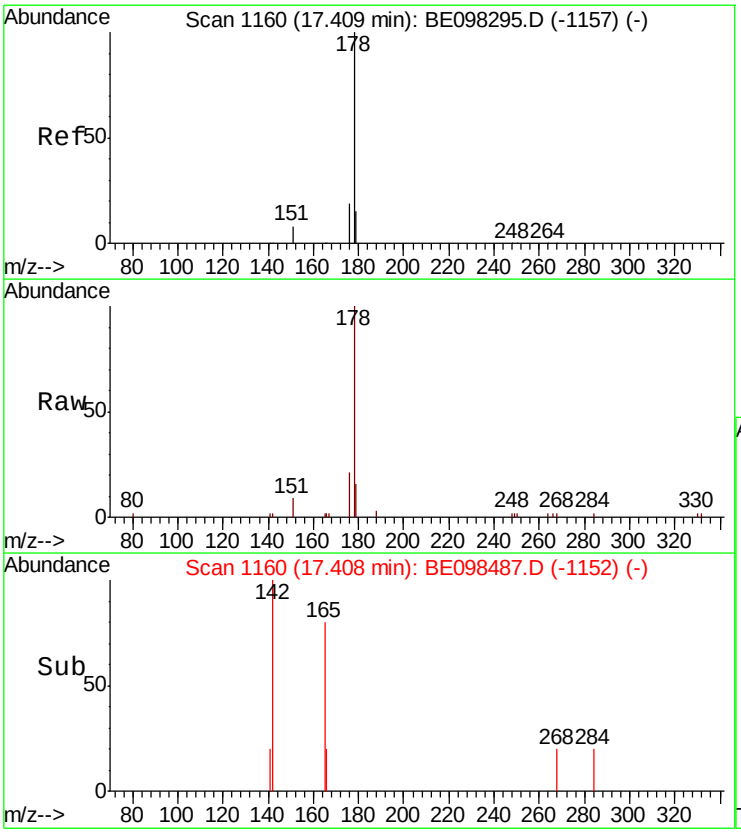
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6062

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.8	12.3	18.5

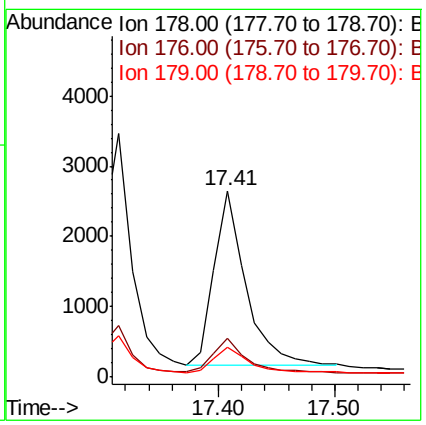


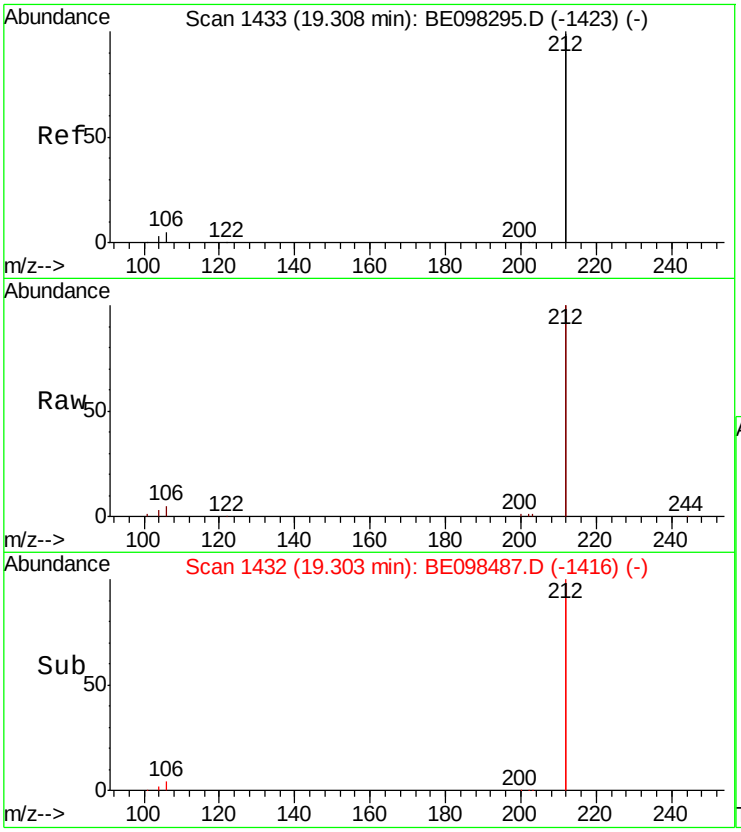


#24
Anthracene
Concen: 0.353 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:178 Resp: 4687

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.4
179	15.2	12.3	18.5



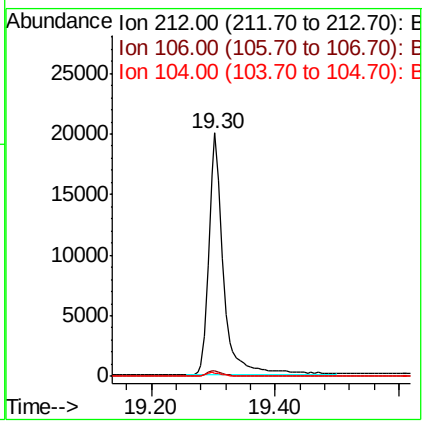


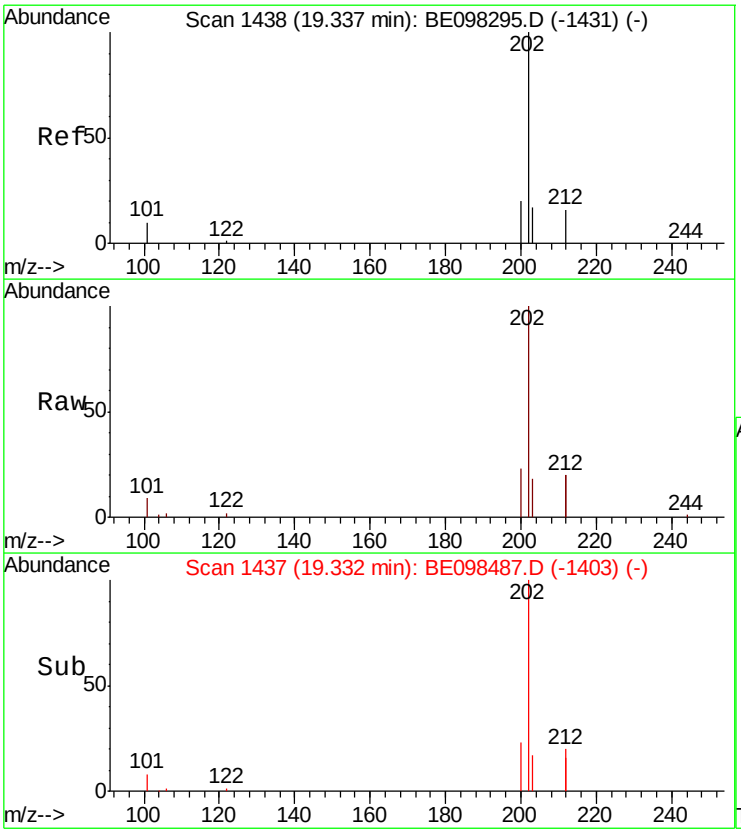
#25
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 32366

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

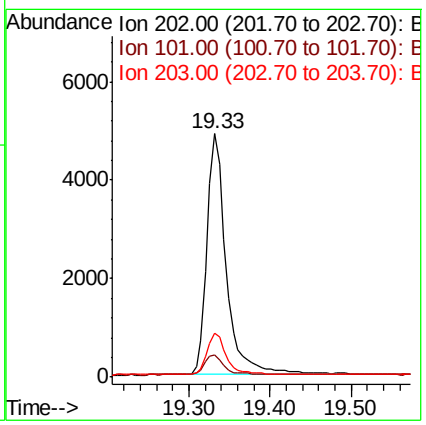


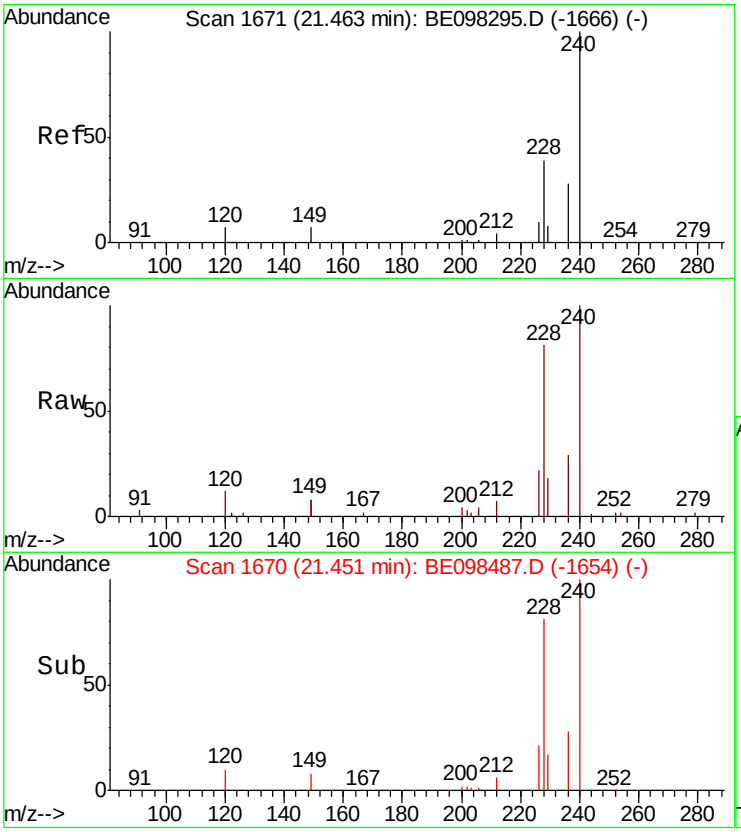


#26
Fluoranthene
Concen: 0.417 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:202 Resp: 8221

Ion	Ratio	Lower	Upper
202	100		
101	8.6	8.0	12.0
203	16.7	13.8	20.6



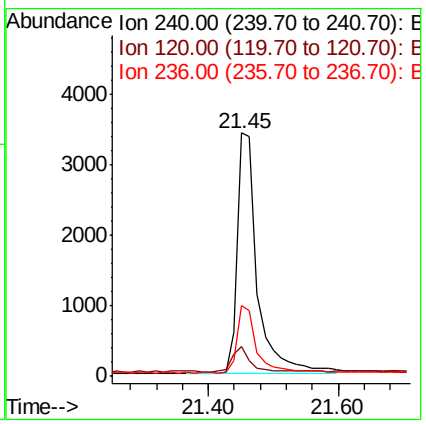


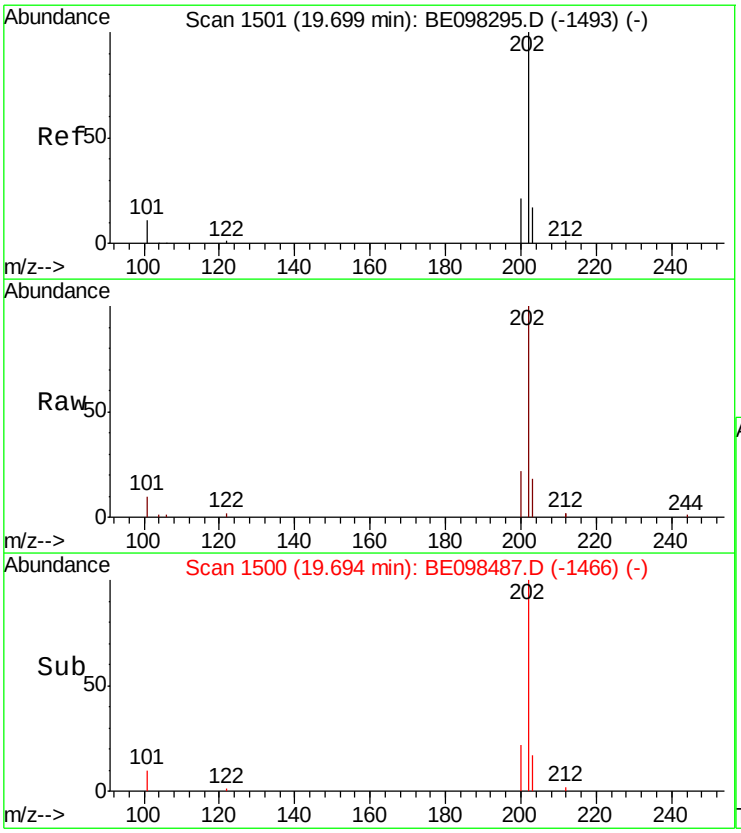
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 7365

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	29.2	22.7	34.1

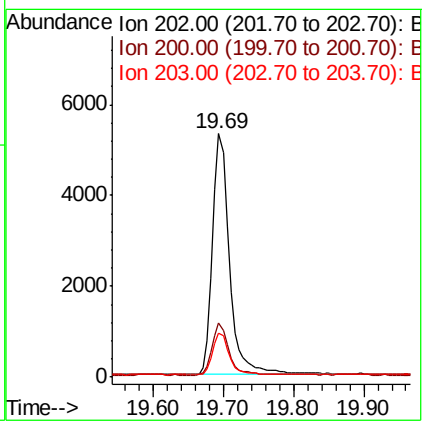


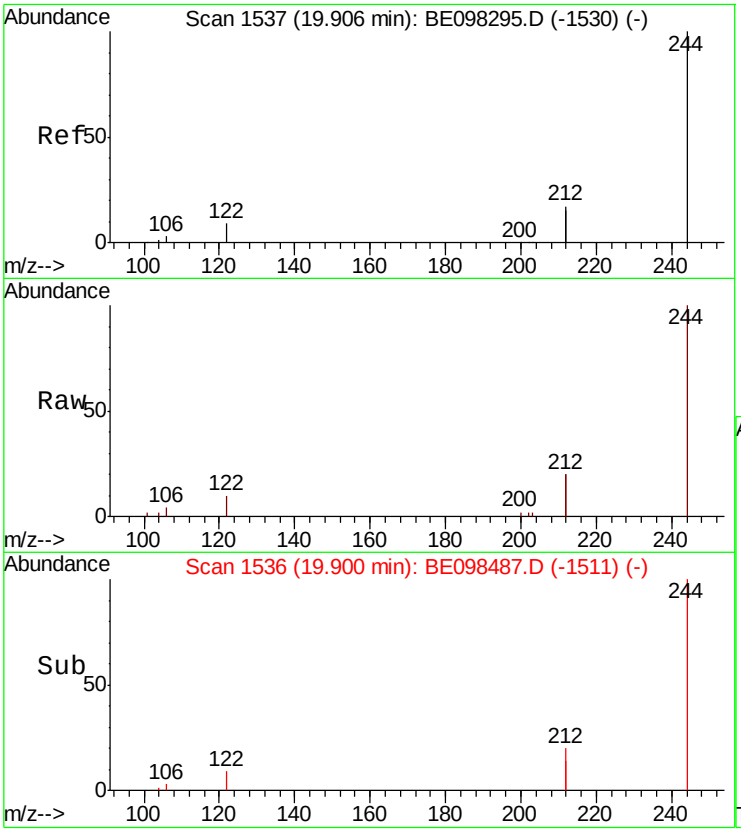


#28
Pyrene
Concen: 0.387 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:202 Resp: 8937

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	16.8	14.1	21.1



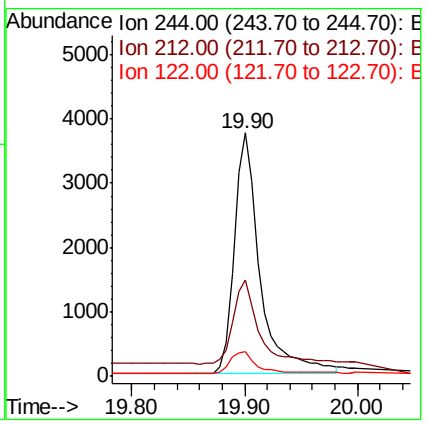


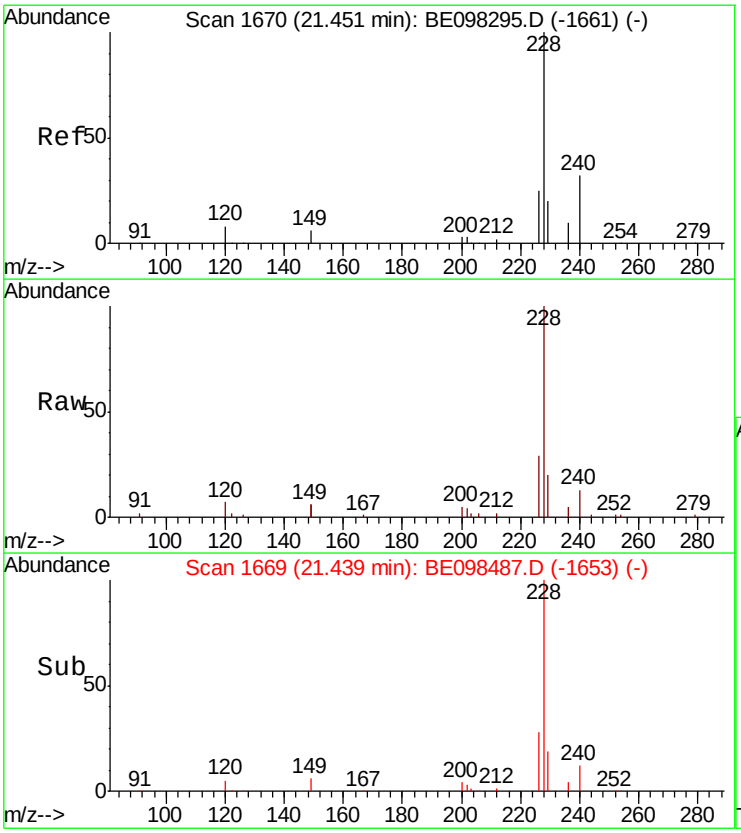
#29
Terphenyl-d14
Concen: 0.334 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 5975

Ion	Ratio	Lower	Upper
244	100		
212	39.5	27.4	41.0
122	9.9	8.3	12.5

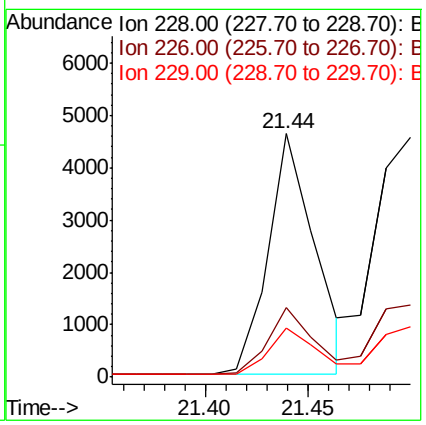


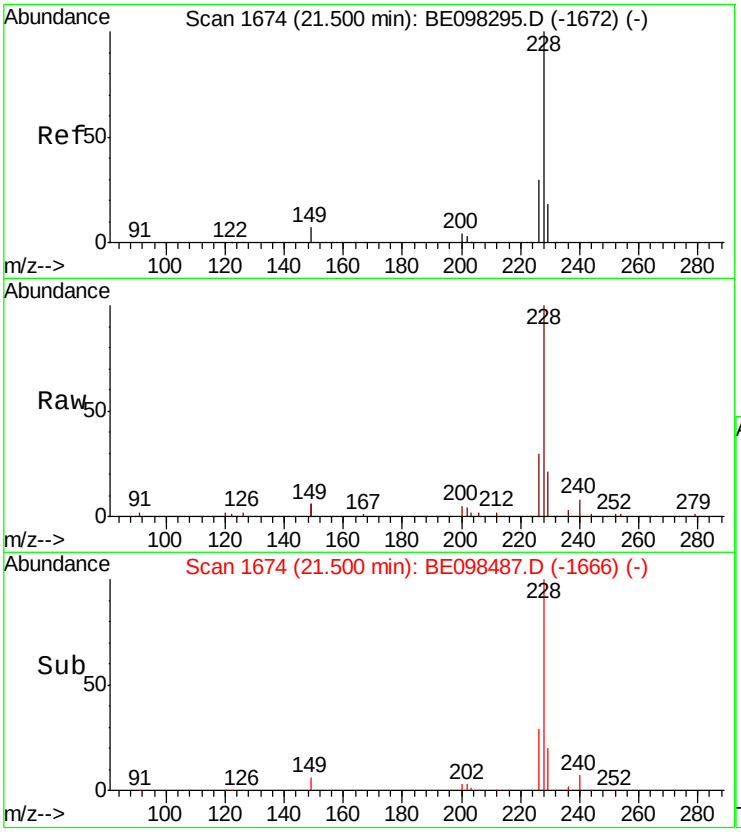


#30
Benzo(a)anthracene
Concen: 0.350 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:228 Resp: 7332

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.8	32.8
229	20.1	16.3	24.5



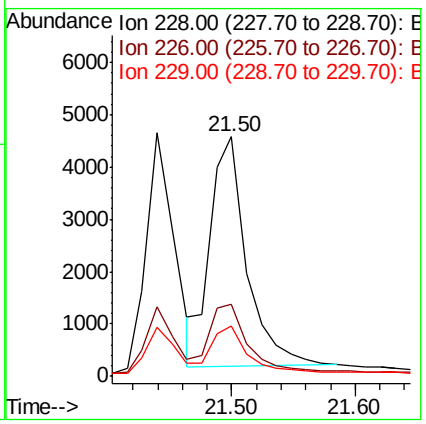


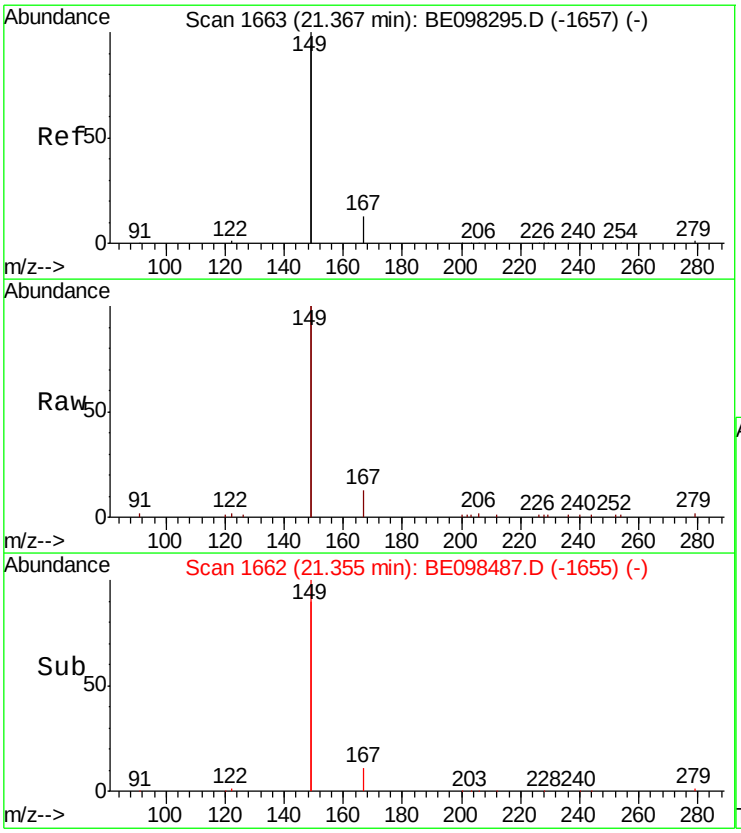
#31
Chrysene
Concen: 0.413 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9070

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	21.1	16.2	24.4

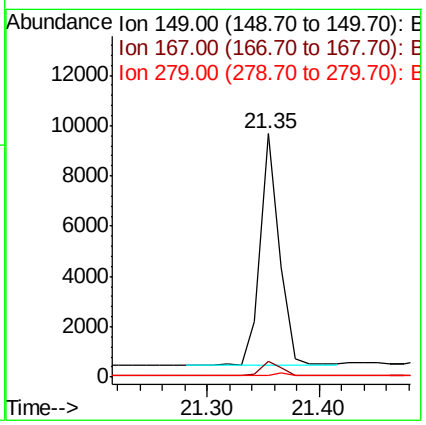


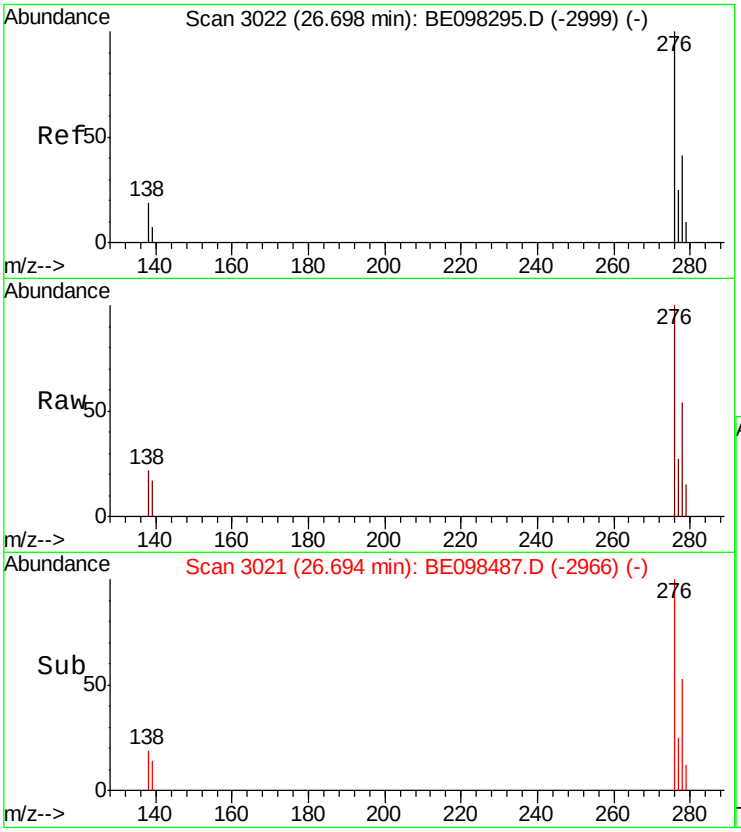


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.262 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:149 Resp: 11150

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.7	8.5
279	1.1	1.0	1.4



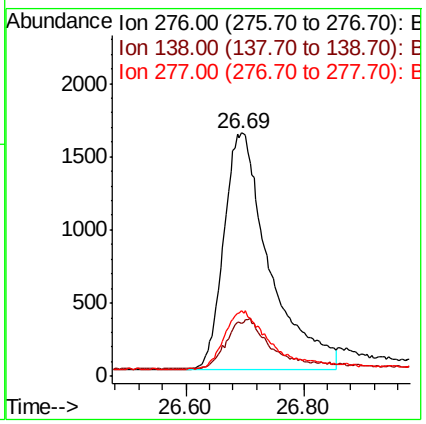


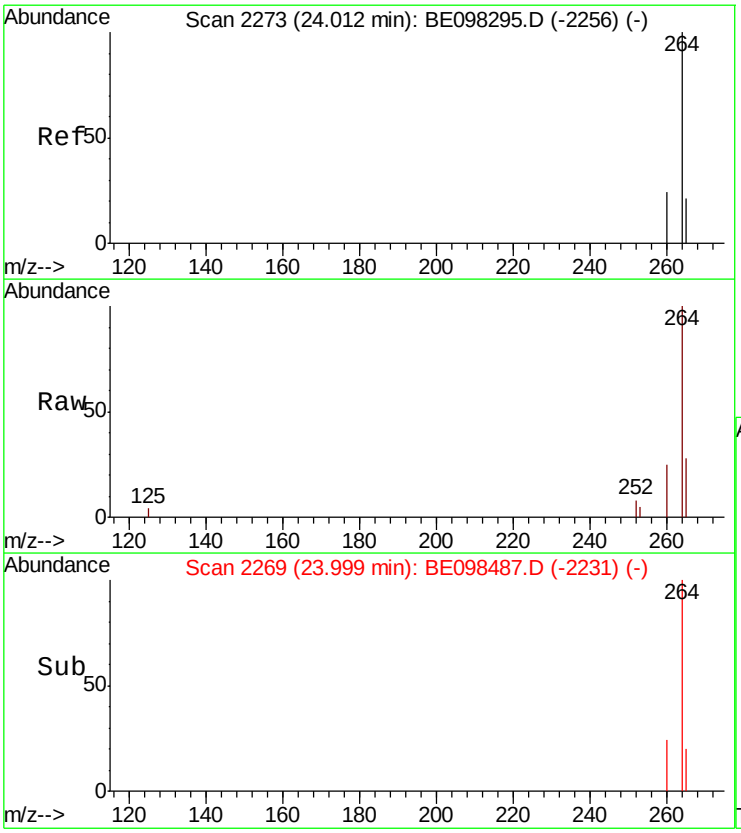
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 26.69 min Scan# 3021
Delta R.T. -0.00 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8726

Ion	Ratio	Lower	Upper
276	100		
138	7.2	16.3	24.5#
277	23.5	20.2	30.4

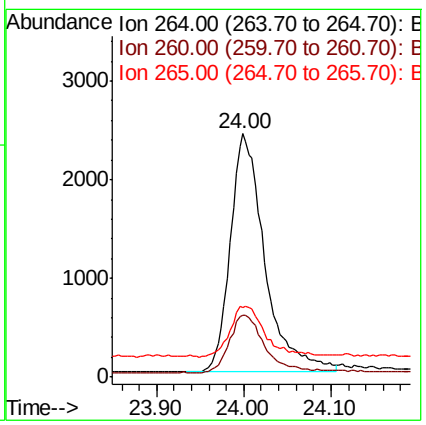


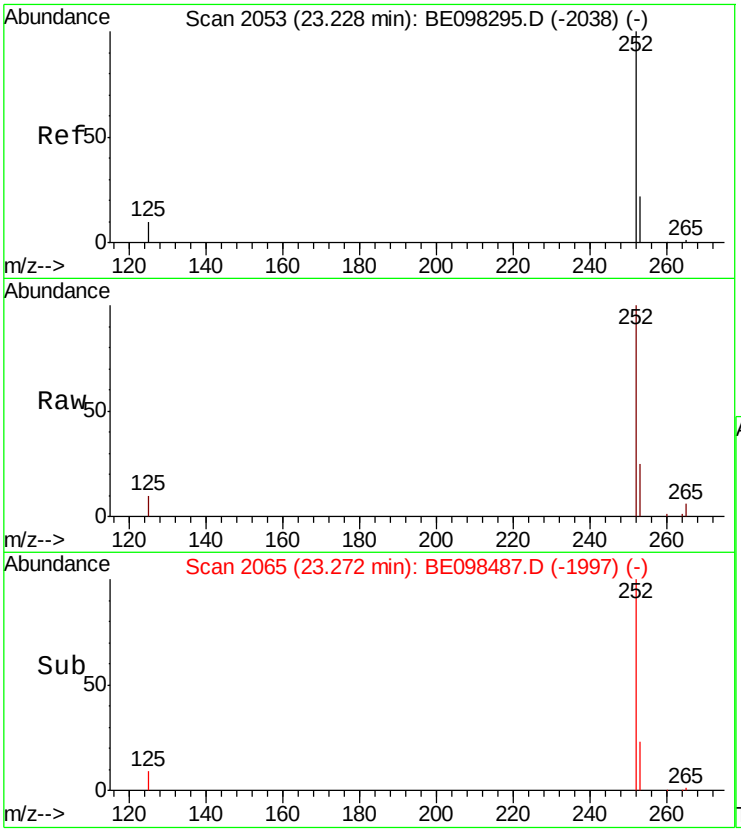


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:264 Resp: 6673

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	28.4	25.2	37.8



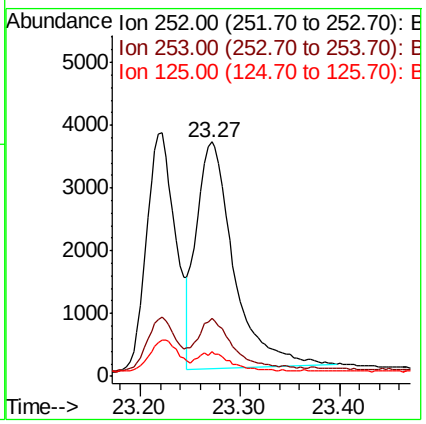


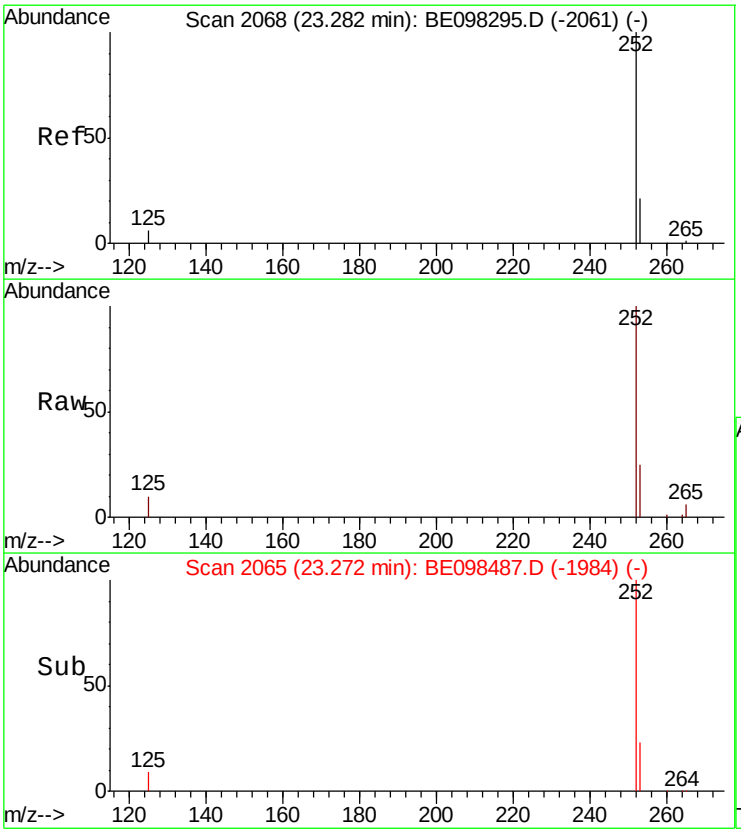
#35
Benzo(b)fluoranthene
Concen: 0.513 ng
RT: 23.27 min Scan# 2065
Delta R.T. 0.04 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9361

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.0	30.0
125	10.4	9.6	14.4

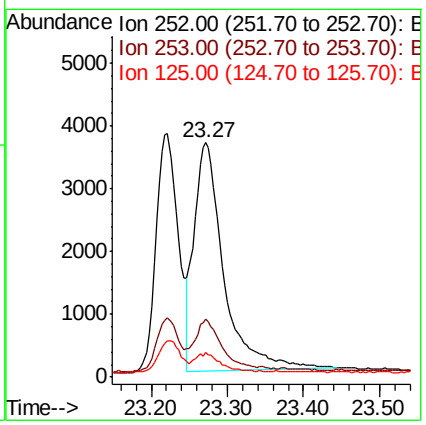


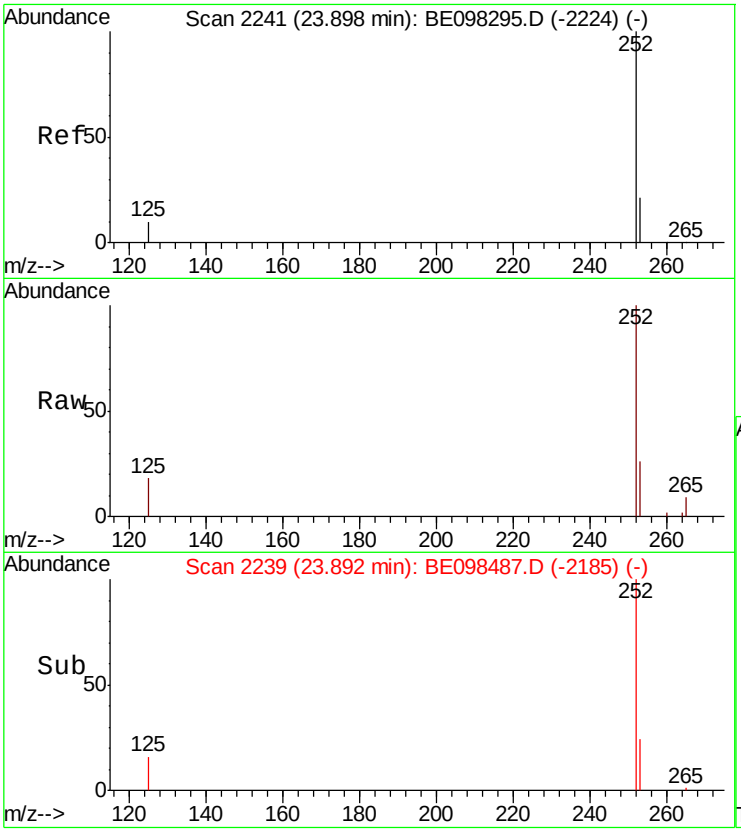


#36
Benzo(k)fluoranthene
Concen: 0.463 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:252 Resp: 9840

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.6
125	10.4	9.1	13.7



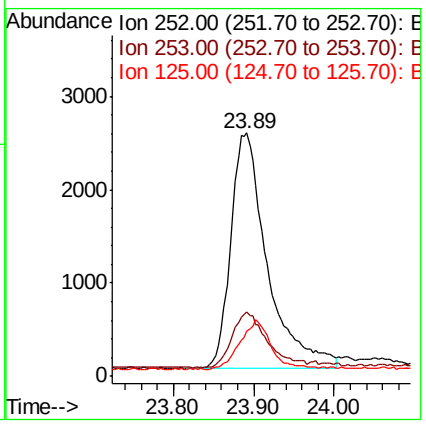


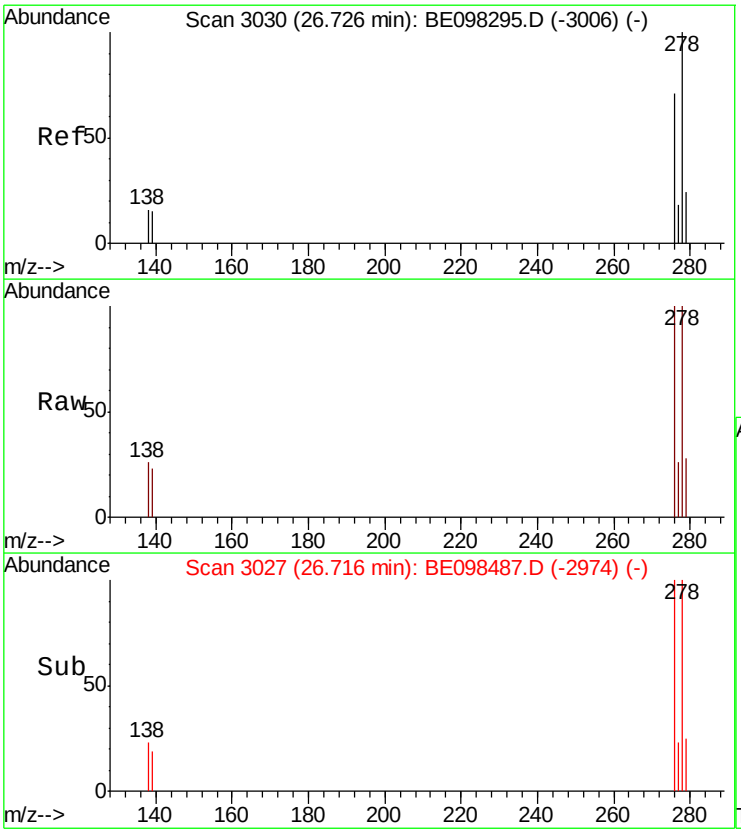
#37
Benzo(a)pyrene
Concen: 0.424 ng
RT: 23.89 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7992

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.6	30.8
125	18.5	10.5	15.7#

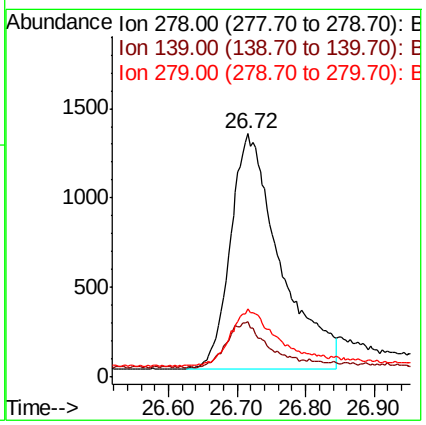


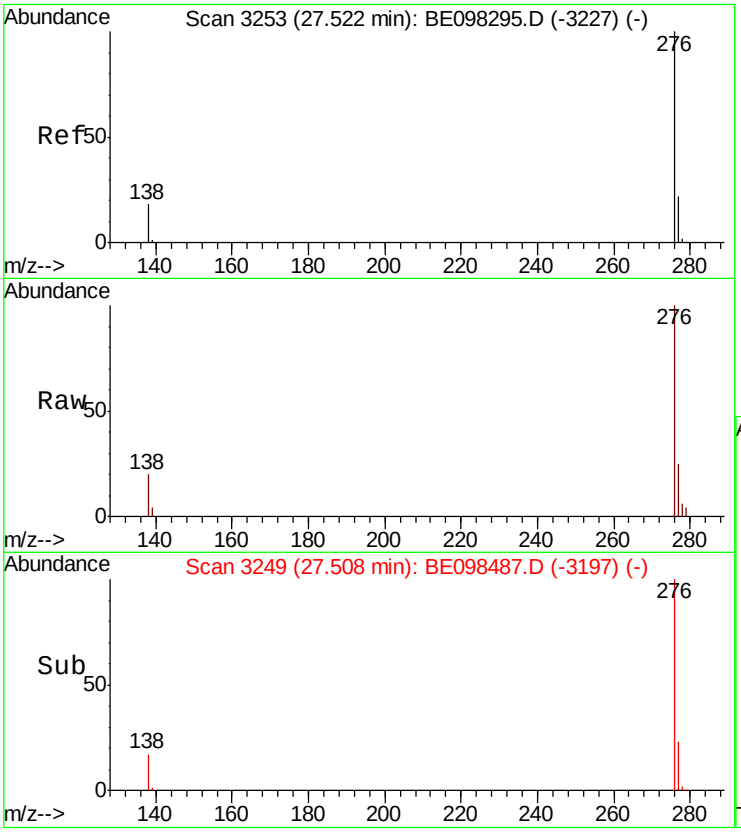


#38
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Tgt Ion:278 Resp: 6570

Ion	Ratio	Lower	Upper
278	100		
139	22.8	14.5	21.7#
279	28.1	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.422 ng
RT: 27.51 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BE098487.D
Acq: 16 Dec 2018 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 7550

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.8	31.2
138	20.1	15.8	23.6