Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121018\
Data File : BE098295.D
Acq On : 10 Dec 2018 12:27
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Dec 10 13:11:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 13:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1532	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	6731	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4370	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	12249	0.40	ng		0.00
27) Chrysene-d12	21.46	240	12959	0.40	ng		0.00
34) Perylene-d12	24.01	264	11741	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1390	0.34	ng		0.00
5) Phenol-d6	7.05	99	2043	0.35	ng		0.00
8) Nitrobenzene-d5	9.02	82	2245	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	4320	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	608	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	6712	0.37	ng		0.00
25) Fluoranthene-d10	19.31	212	65317	0.40	ng		0.00
29) Terphenyl-d14	19.91	244	12484	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1041	0.366	ng		94
3) n-Nitrosodimethylamine	3.69	42	884	0.301	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	1864	0.351	ng		93
9) Naphthalene	10.71	128	26406	0.390	ng		99
10) Hexachlorobutadiene	10.99	225	1675	0.386	ng		99
12) 2-Methylnaphthalene	12.34	142	4303	0.383	ng		97
16) Acenaphthylene	14.24	152	7915	0.388	ng		99
17) Acenaphthene	14.59	154	4878	0.401	ng		98
18) Fluorene	15.57	166	6542	0.406	ng		98
20) 4-Bromophenyl-phenylether	16.47	248	2530	0.365	ng		90
21) Hexachlorobenzene	16.58	284	2781	0.388	ng		99
22) Pentachlorophenol	16.94	266	445	0.191	ng		91
23) Phenanthrene	17.32	178	11739	0.386	ng		100
24) Anthracene	17.41	178	10490	0.370	ng		99
26) Fluoranthene	19.34	202	16434	0.396	ng		99
28) Pyrene	19.70	202	16653	0.464	ng		100
30) Benzo(a)anthracene	21.45	228	14432	0.378	ng		98
31) Chrysene	21.50	228	15332	0.396	ng		98
32) Bis(2-ethylhexyl)phthalate	21.37	149	29818	0.326	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	14580	0.372	ng		99
35) Benzo(b)fluoranthene	23.23	252	12449	0.362	ng		98
36) Benzo(k)fluoranthene	23.28	252	14352	0.397	ng		99
37) Benzo(a)pyrene	23.90	252	12988	0.392	ng		97
38) Dibenzo(a,h)anthracene	26.73	278	12137	0.386	ng		99
39) Benzo(g,h,i)perylene	27.52	276	12202	0.387	ng		97

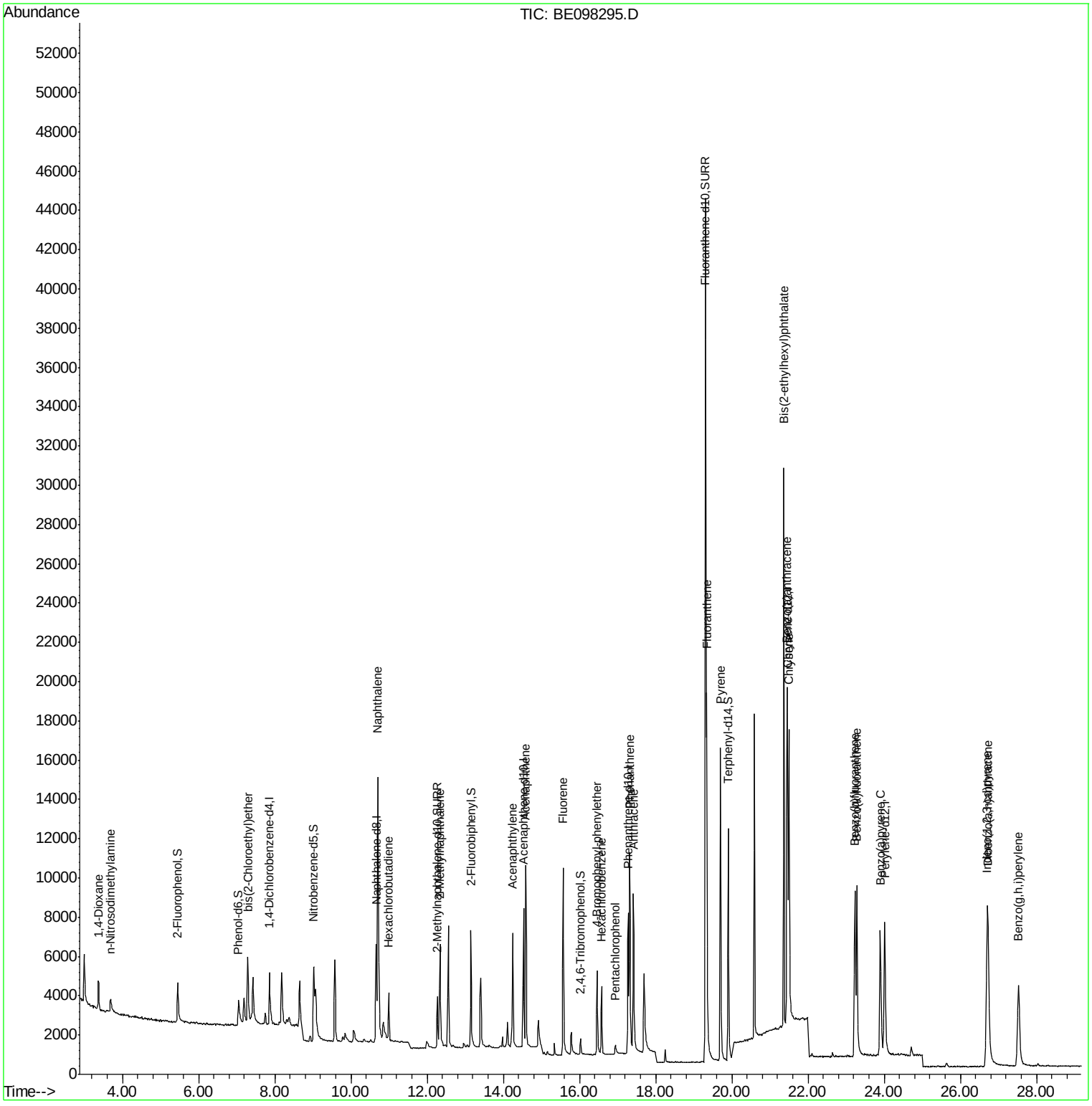
(#) = qualifier out of range (m) = manual integration (+) = signals summed

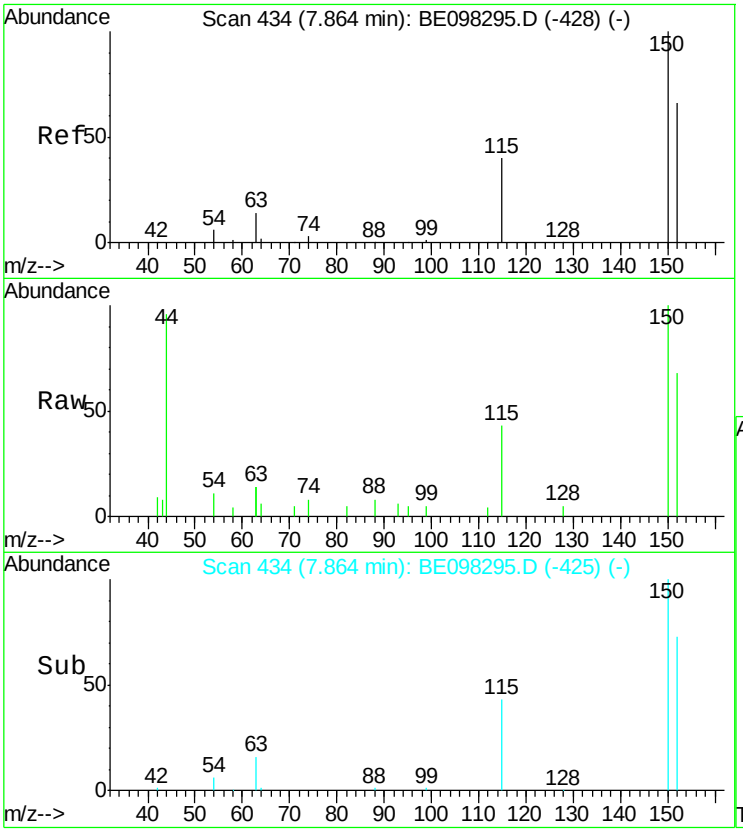
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121018\
Data File : BE098295.D
Acq On : 10 Dec 2018 12:27
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Dec 10 13:11:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 13:04:34 2018
Response via : Initial Calibration



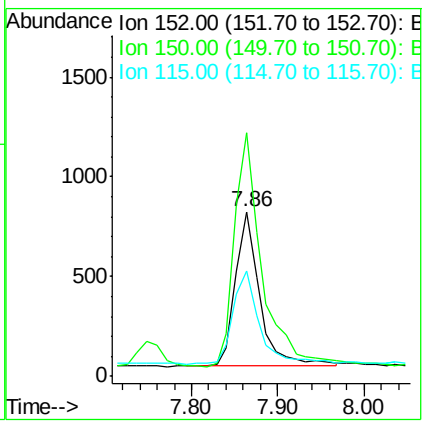


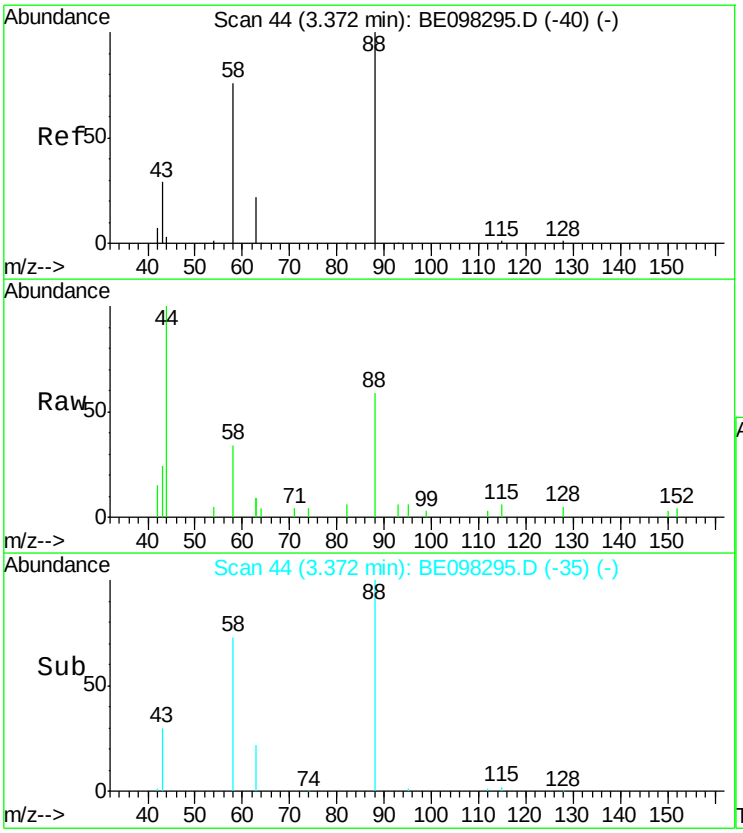
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1532

Ion	Ratio	Lower	Upper
152	100		
150	148.0	124.2	186.4
115	63.8	53.9	80.9

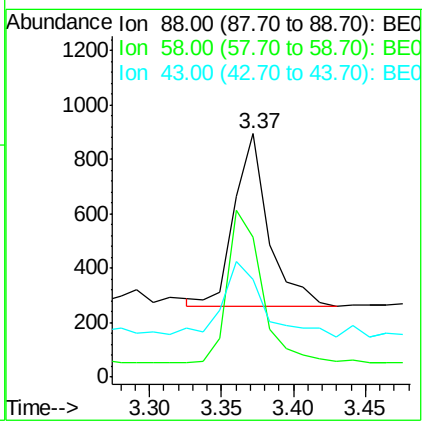


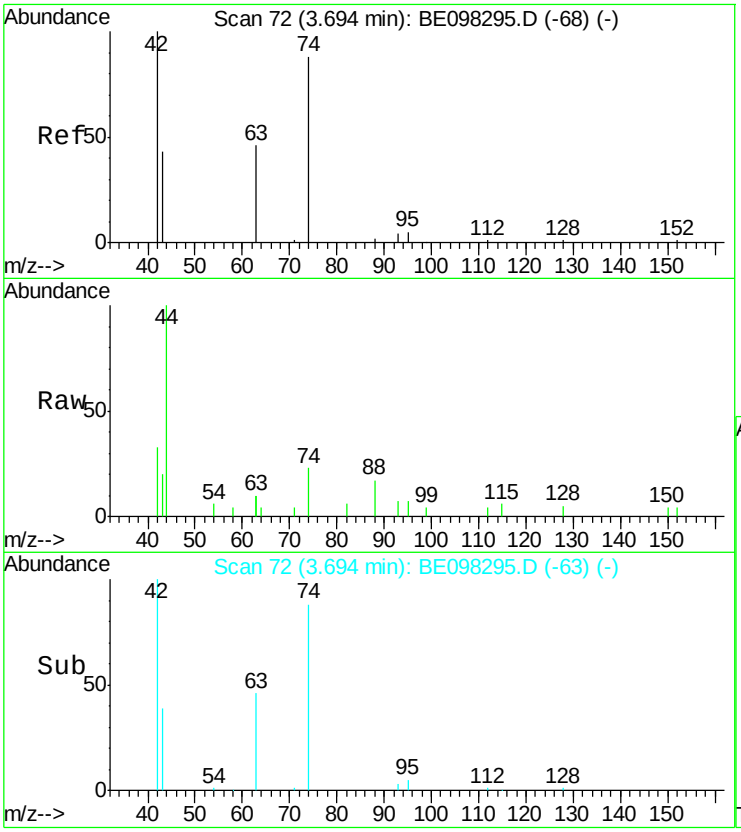


#2
1,4-Dioxane
Concen: 0.366 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion: 88 Resp: 1041

Ion	Ratio	Lower	Upper
88	100		
58	88.9	75.0	112.6
43	52.9	38.3	57.5



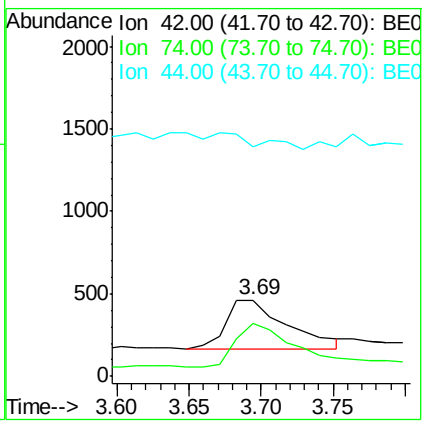


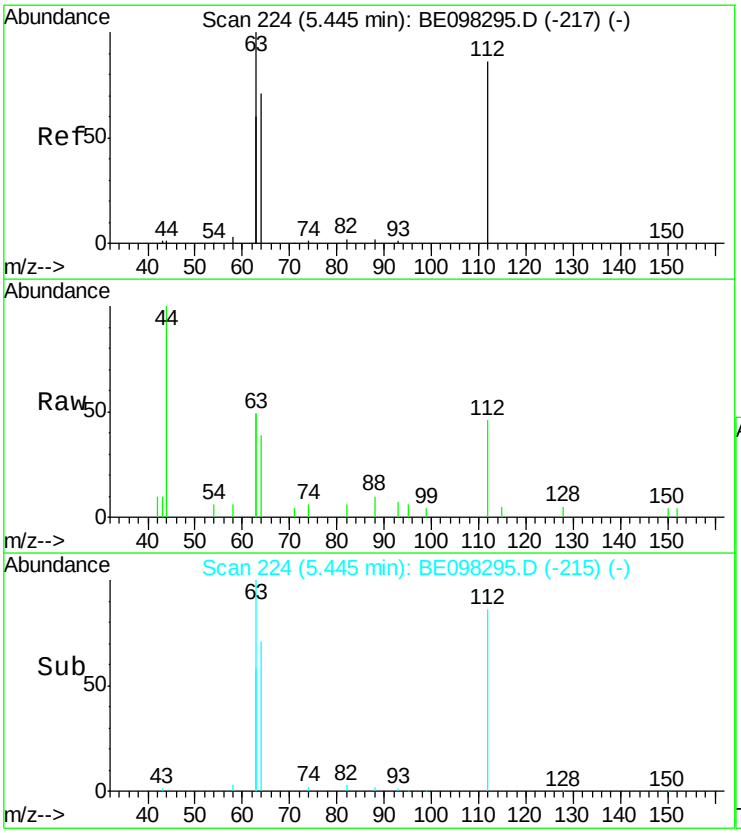
#3
n-Nitrosodimethylamine
Concen: 0.301 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 884

Ion	Ratio	Lower	Upper
42	100		
74	83.6	0.0	0.0#
44	0.0	0.0	0.0

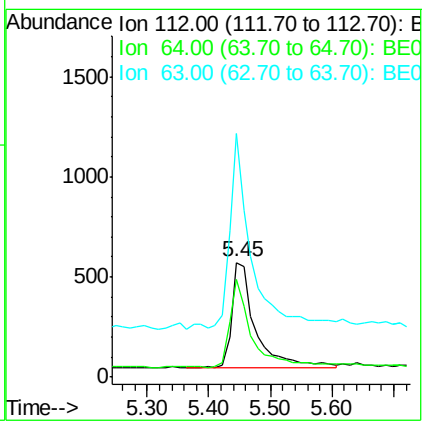


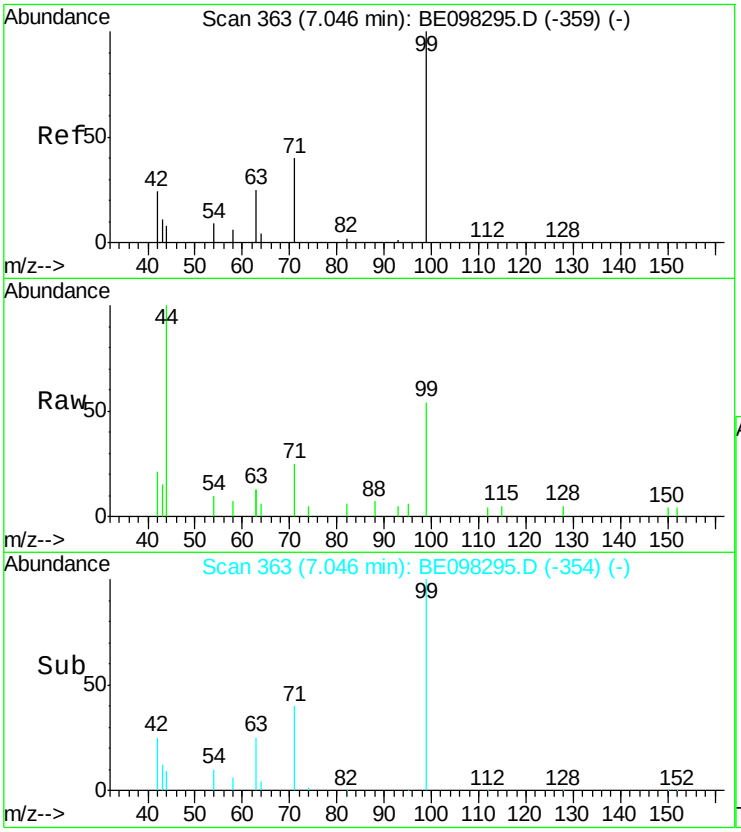


#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:112 Resp: 1390

Ion	Ratio	Lower	Upper
112	100		
64	78.4	59.8	89.8
63	168.1	133.7	200.5



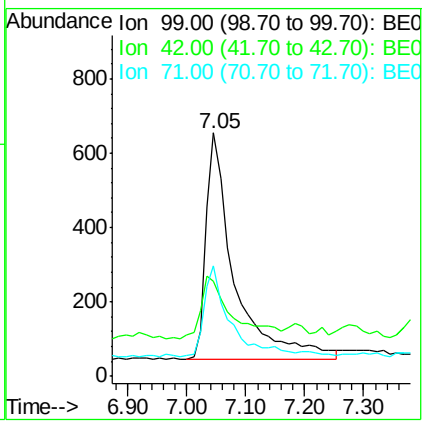


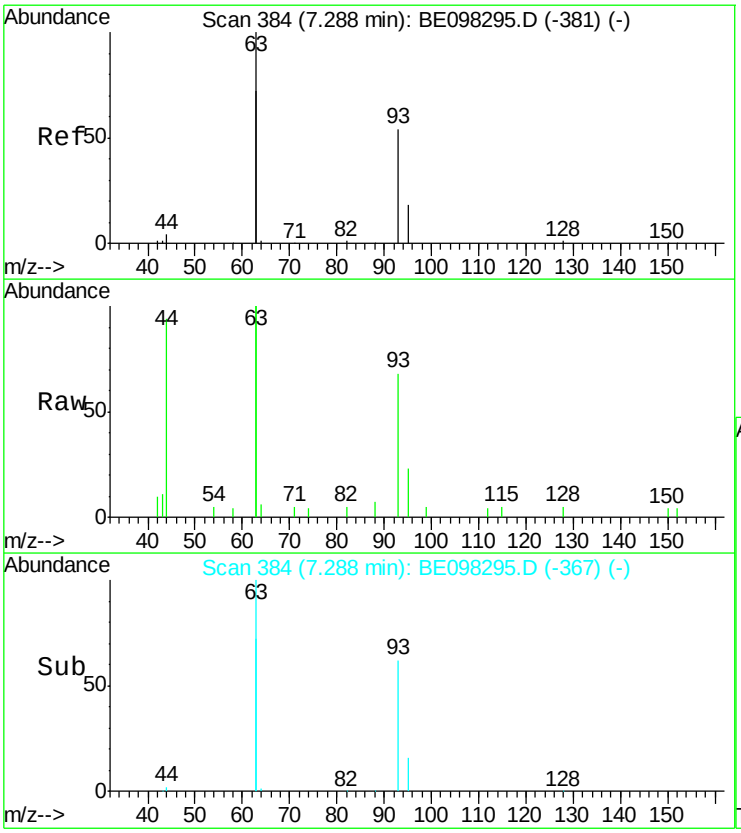
#5
Phenol-d6
Concen: 0.355 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 2043

Ion	Ratio	Lower	Upper
99	100		
42	30.2	26.3	39.5
71	37.5	33.6	50.4

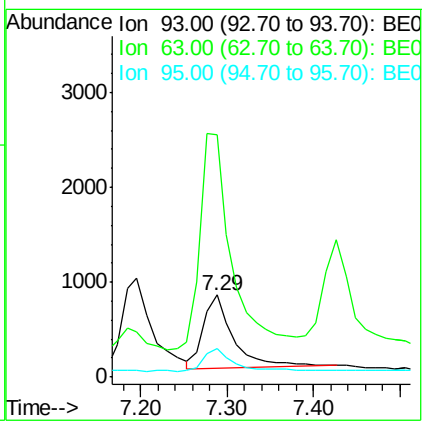


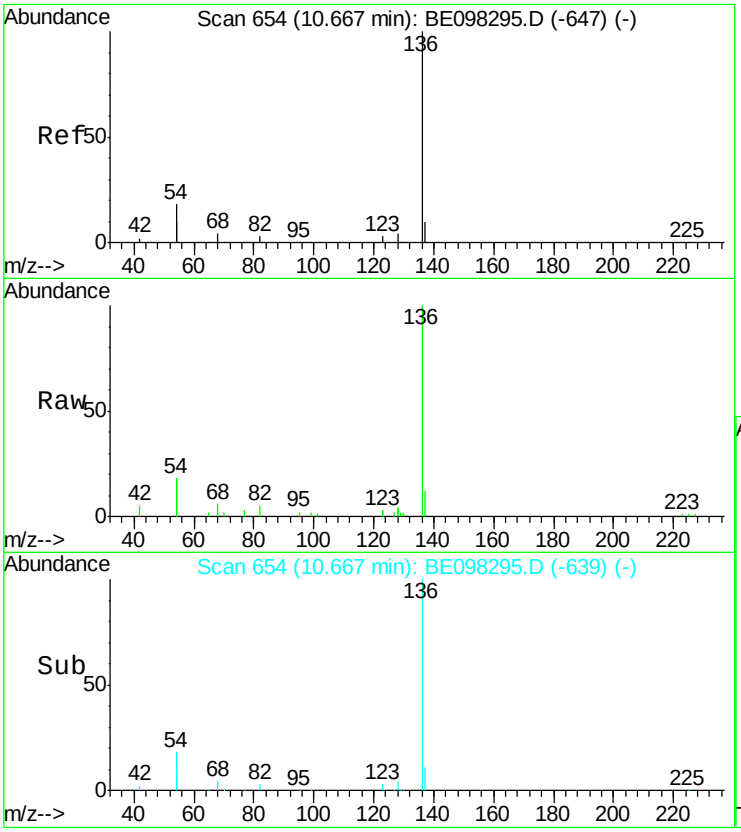


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion: 93 Resp: 1864

Ion	Ratio	Lower	Upper
93	100		
63	315.6	264.4	396.6
95	32.3	26.6	40.0



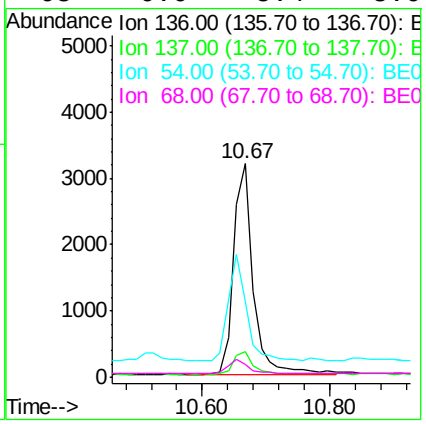


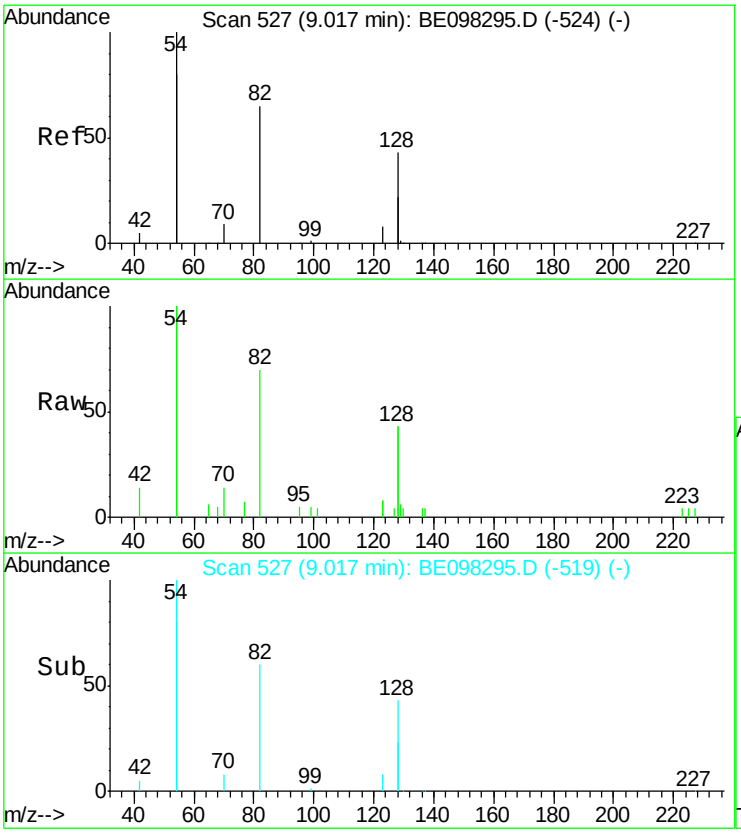
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 6731

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	35.4	28.4	42.6
68	6.0	5.4	8.0

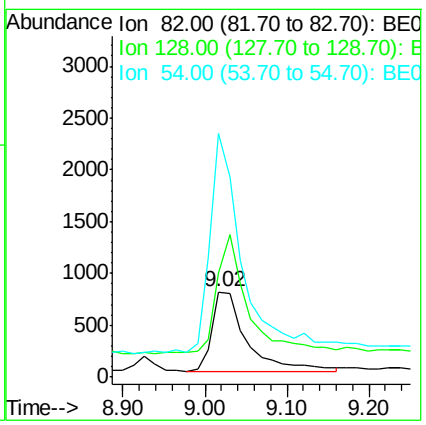


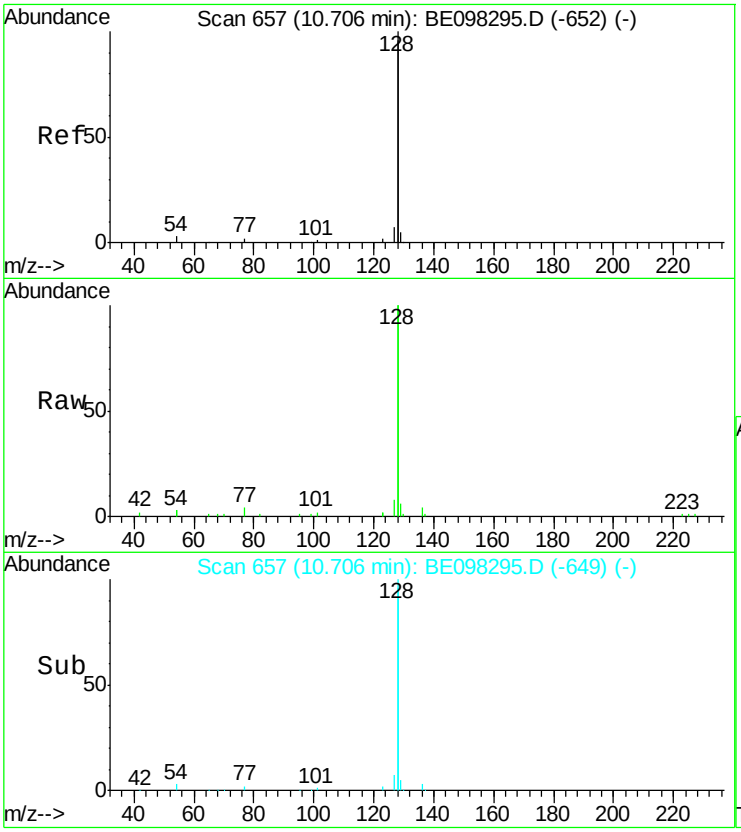


#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion: 82 Resp: 2245

Ion	Ratio	Lower	Upper
82	100		
128	122.8	102.4	153.6
54	286.2	221.8	332.8



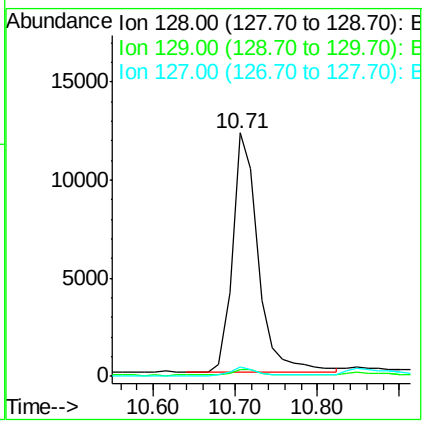


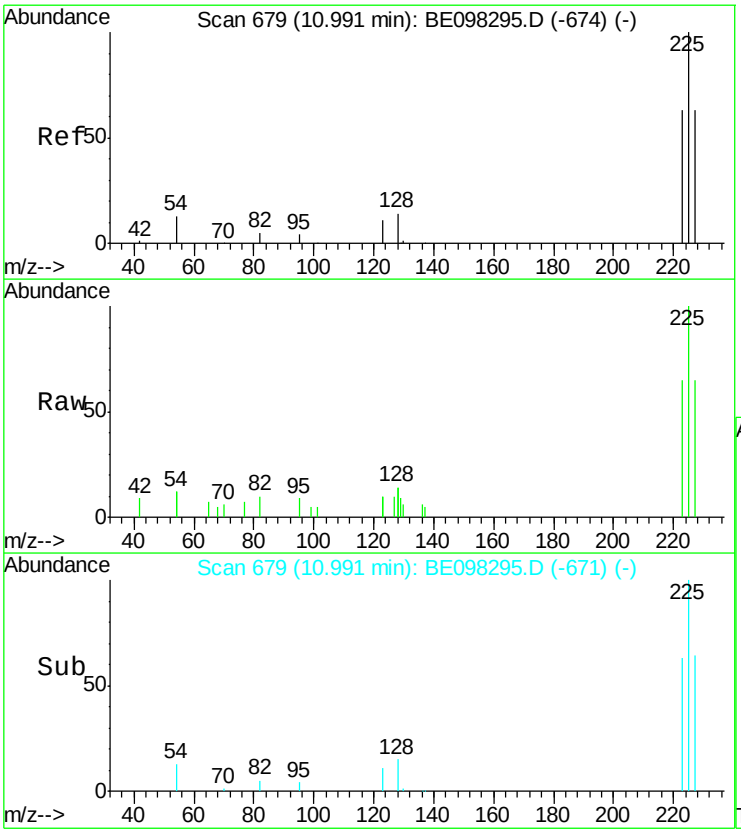
#9
Naphthalene
Concen: 0.390 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 26406

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.8	2.7	4.1

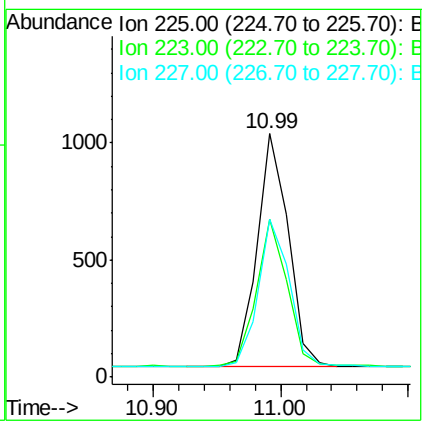


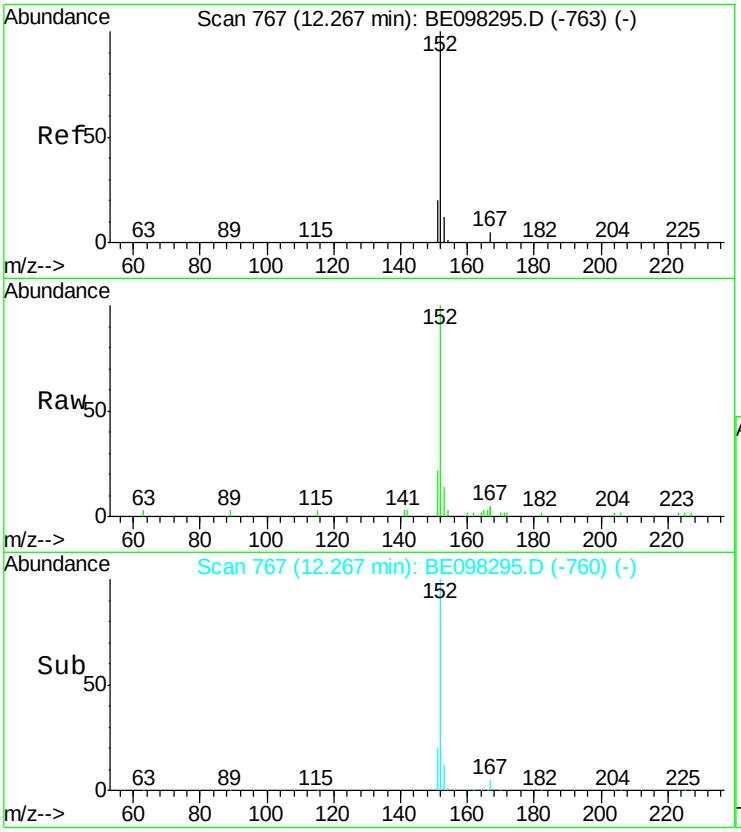


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:225 Resp: 1675

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	64.7	52.0	78.0



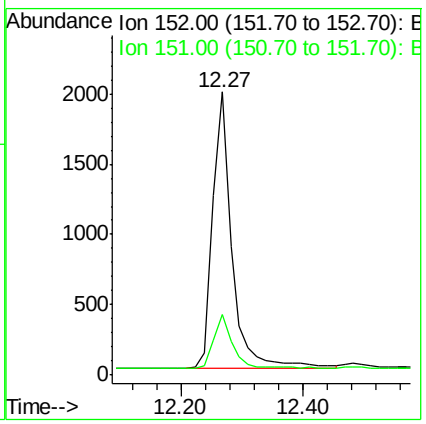


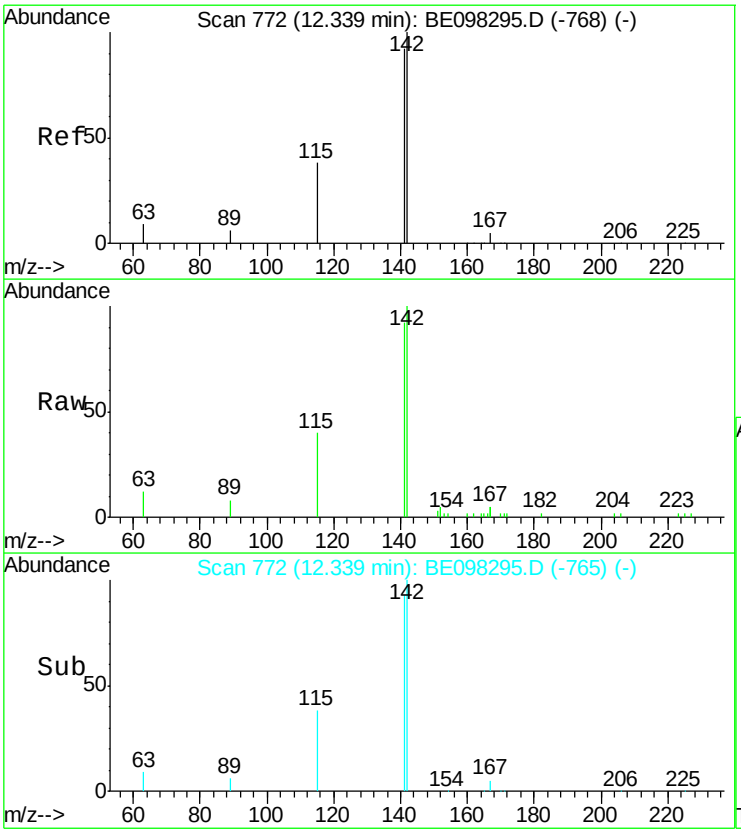
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 4320

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4

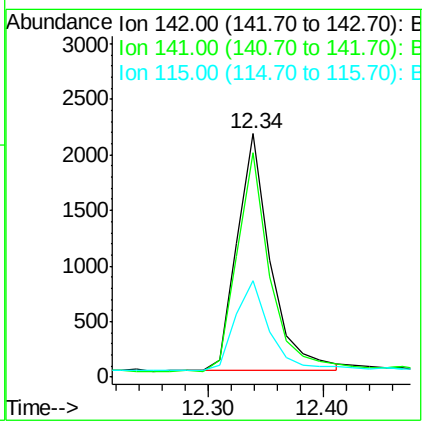


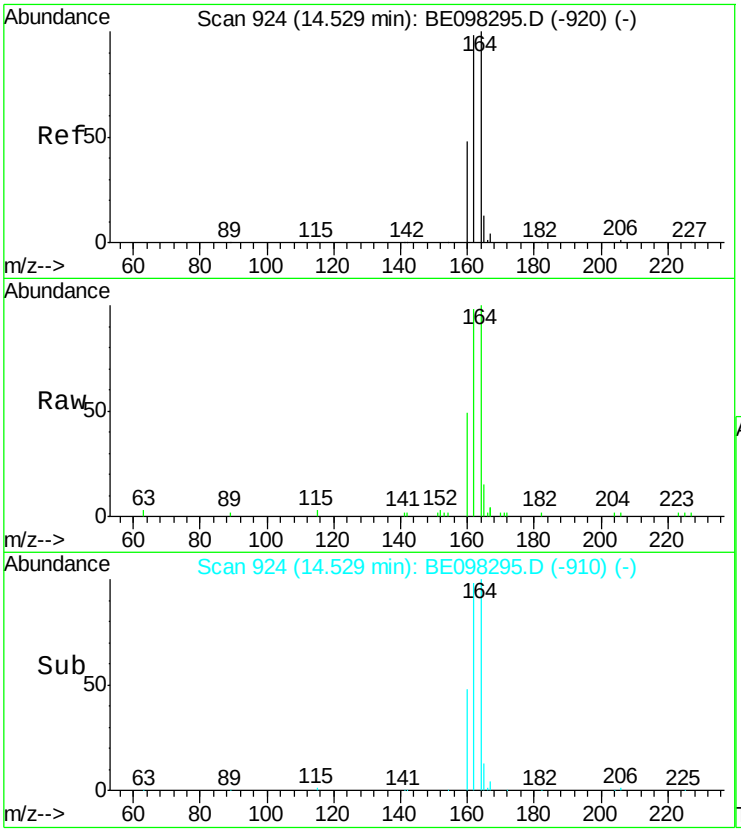


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:142 Resp: 4303

Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.0	106.6
115	39.5	32.2	48.2



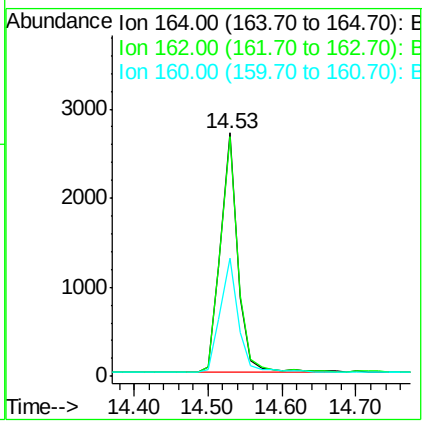


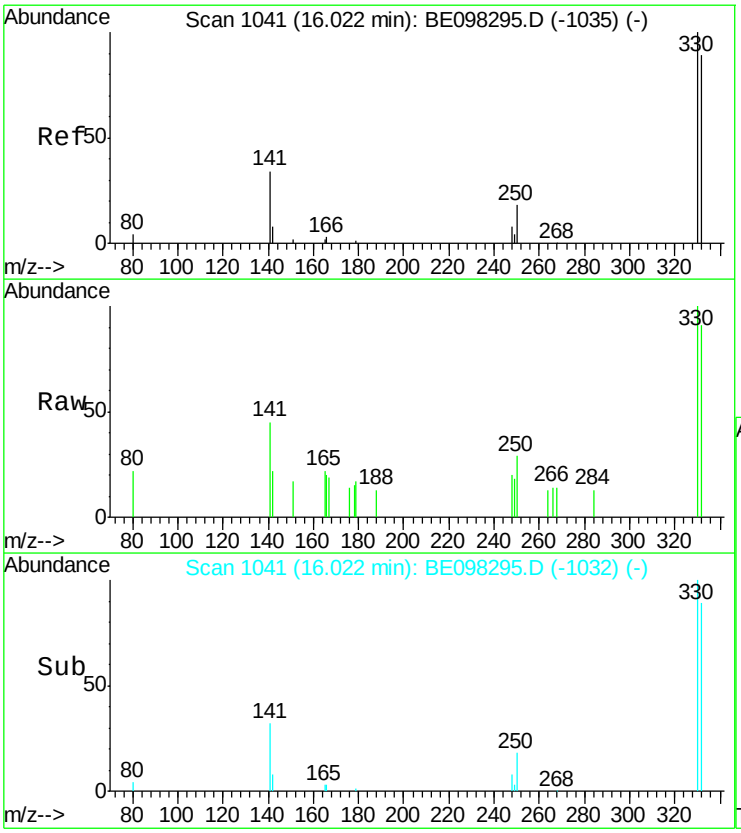
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 4370

Ion	Ratio	Lower	Upper
164	100		
162	98.3	77.6	116.4
160	48.6	36.0	54.0

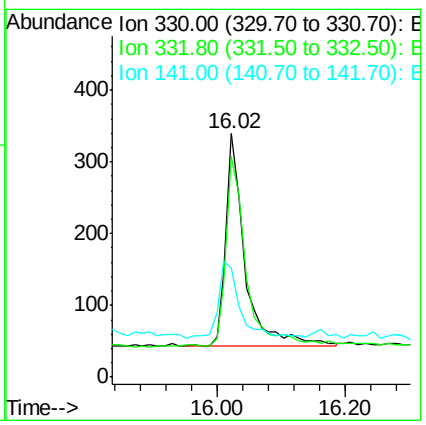


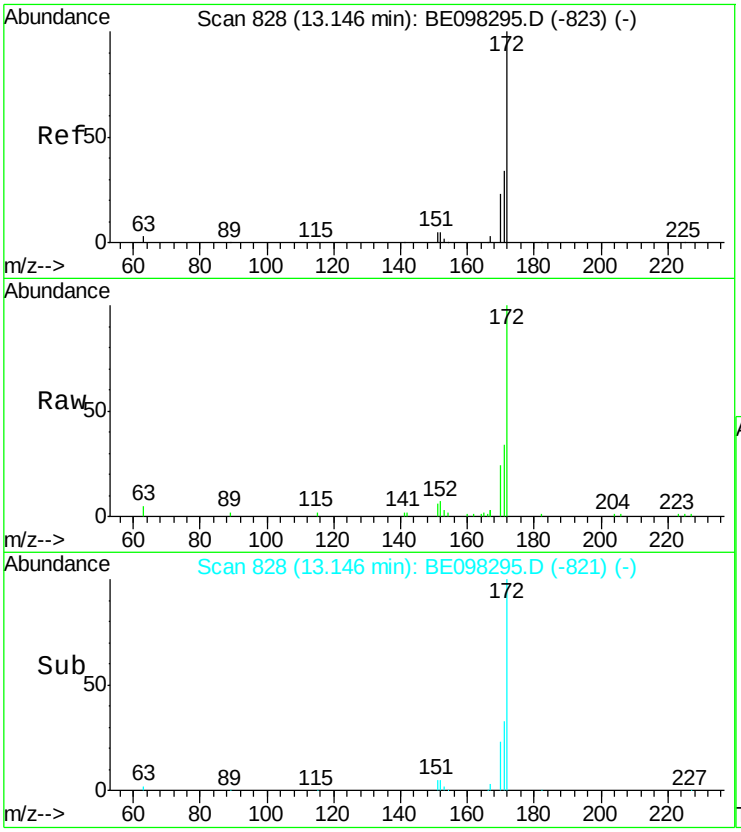


#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:330 Resp: 608

Ion	Ratio	Lower	Upper
330	100		
332	100.0	76.2	114.4
141	42.4	39.0	58.4



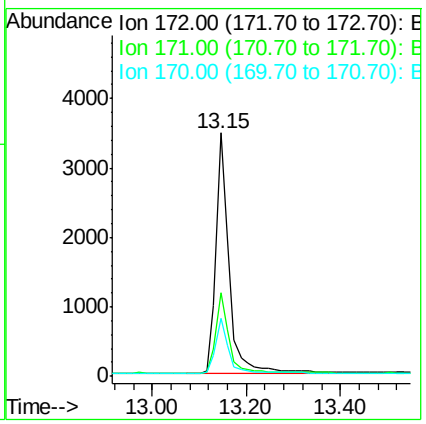


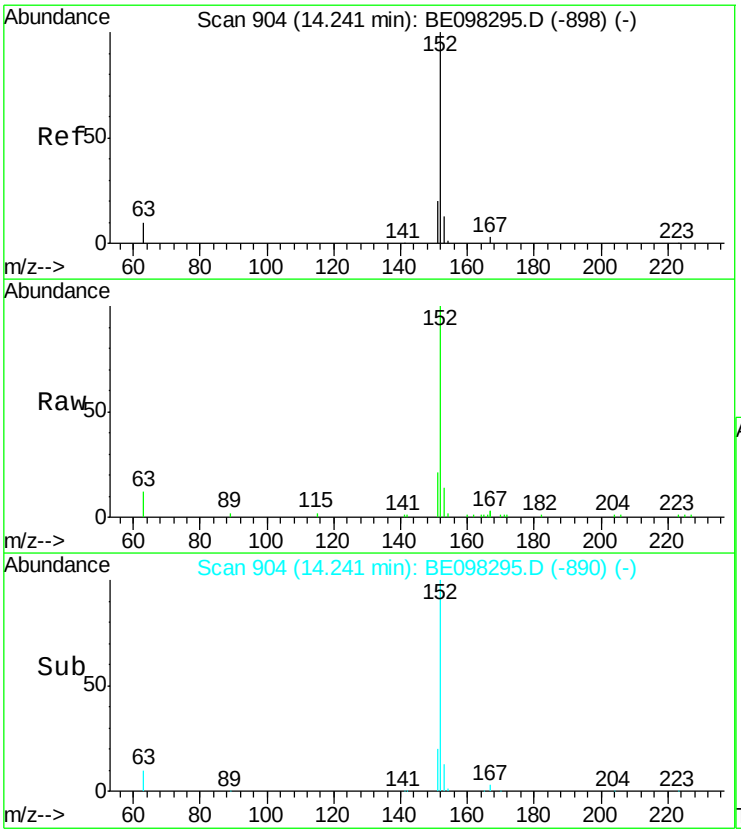
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 6712

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	23.8	19.6	29.4

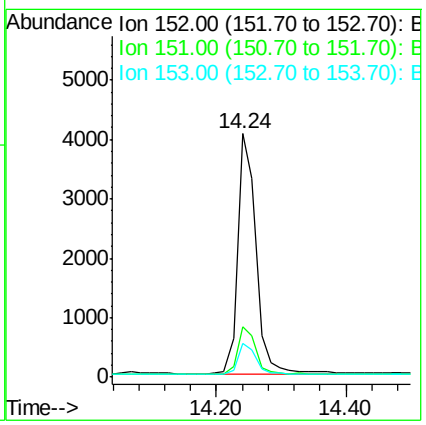


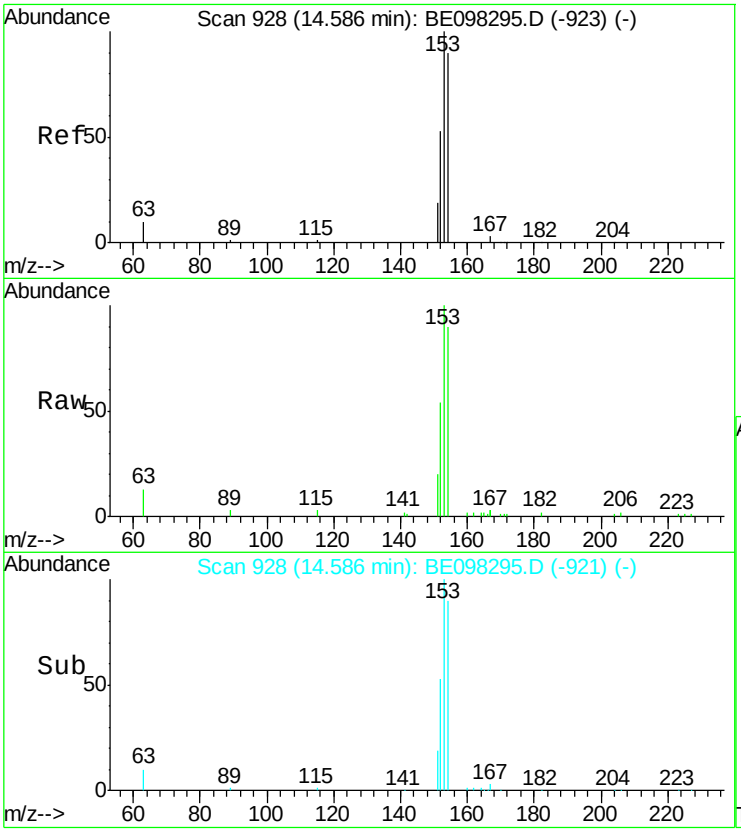


#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:152 Resp: 7915

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.0	10.6	16.0



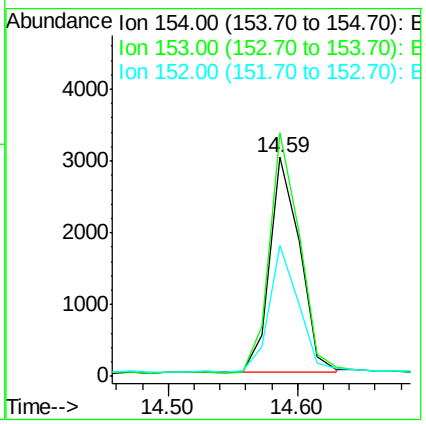


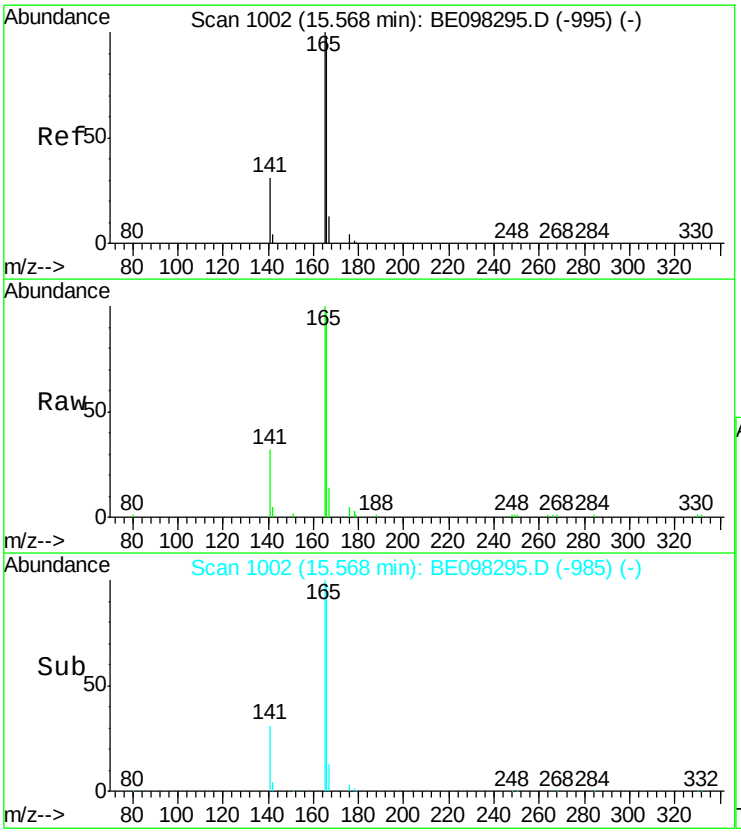
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 4878

Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.8	137.6
152	57.6	45.5	68.3

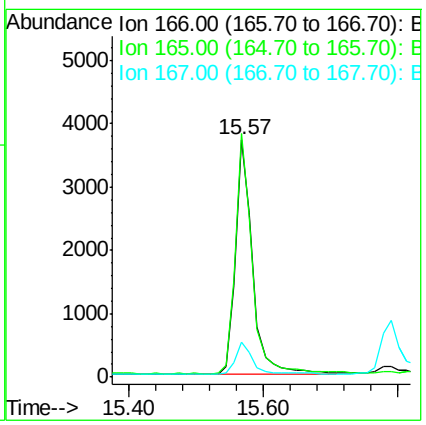


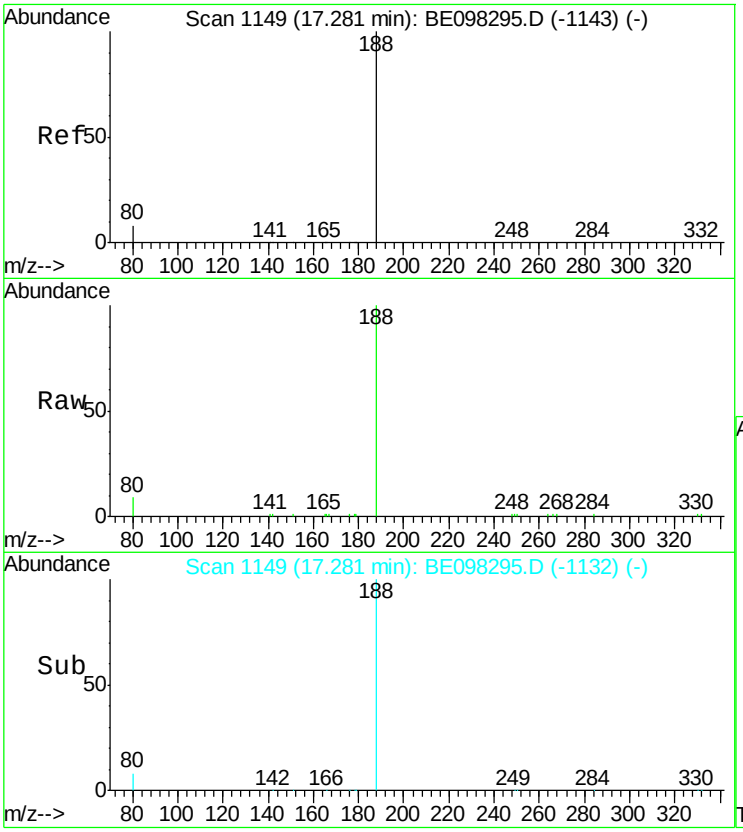


#18
Fluorene
Concen: 0.406 ng
RT: 15.57 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:166 Resp: 6542

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.3	118.9
167	13.2	11.3	16.9



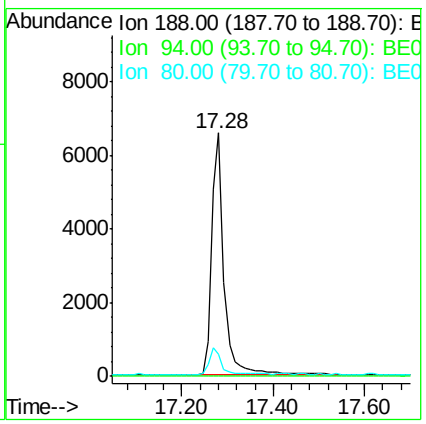


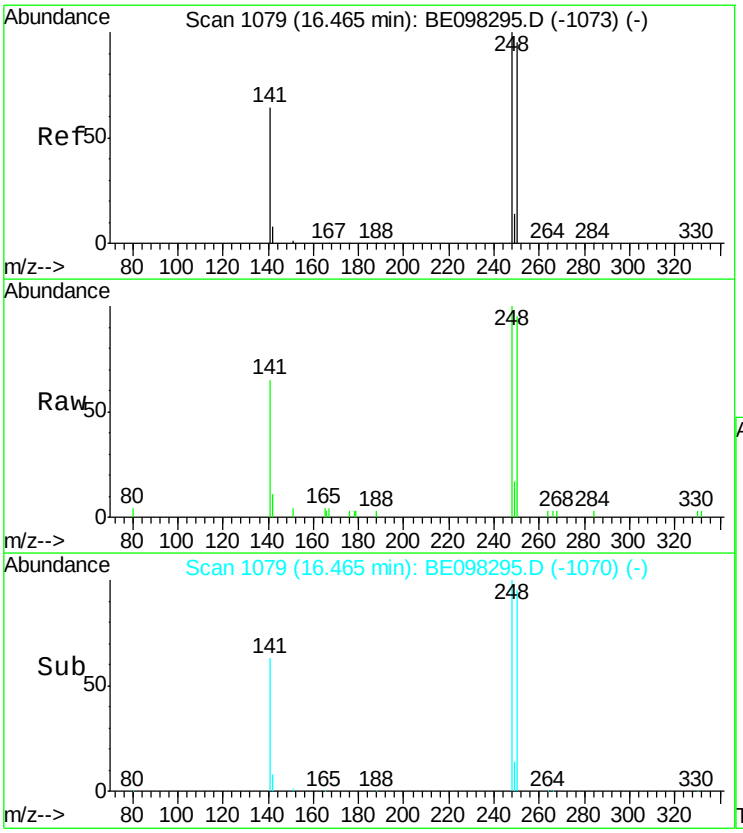
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 12249

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.2	10.8

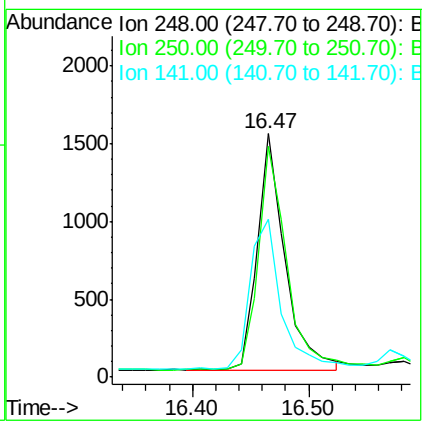


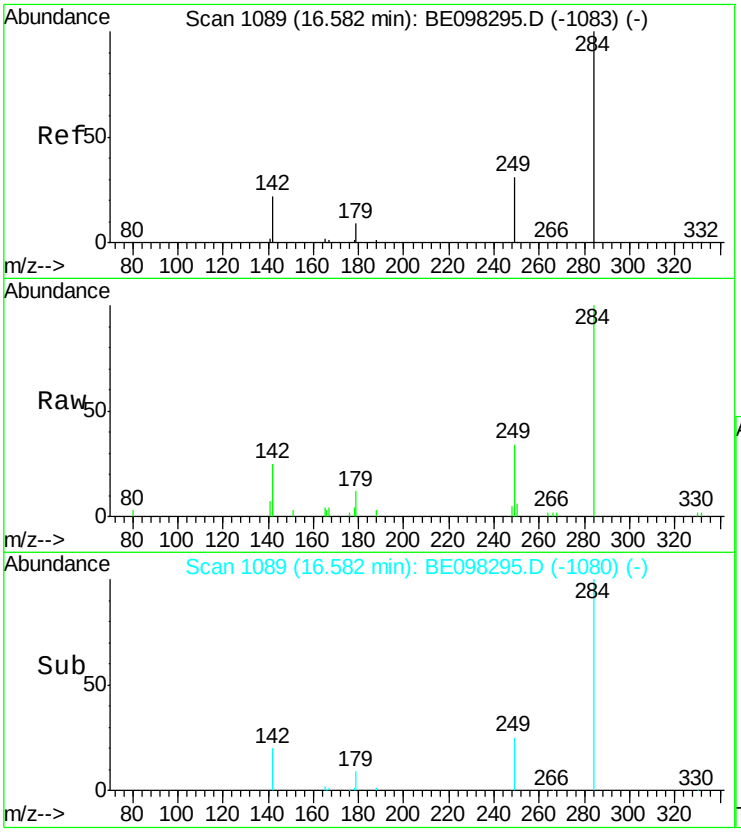


#20
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.47 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:248 Resp: 2530

Ion	Ratio	Lower	Upper
248	100		
250	95.0	71.0	106.6
141	65.0	62.1	93.1



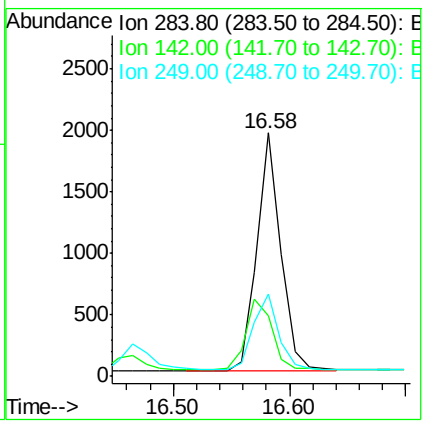


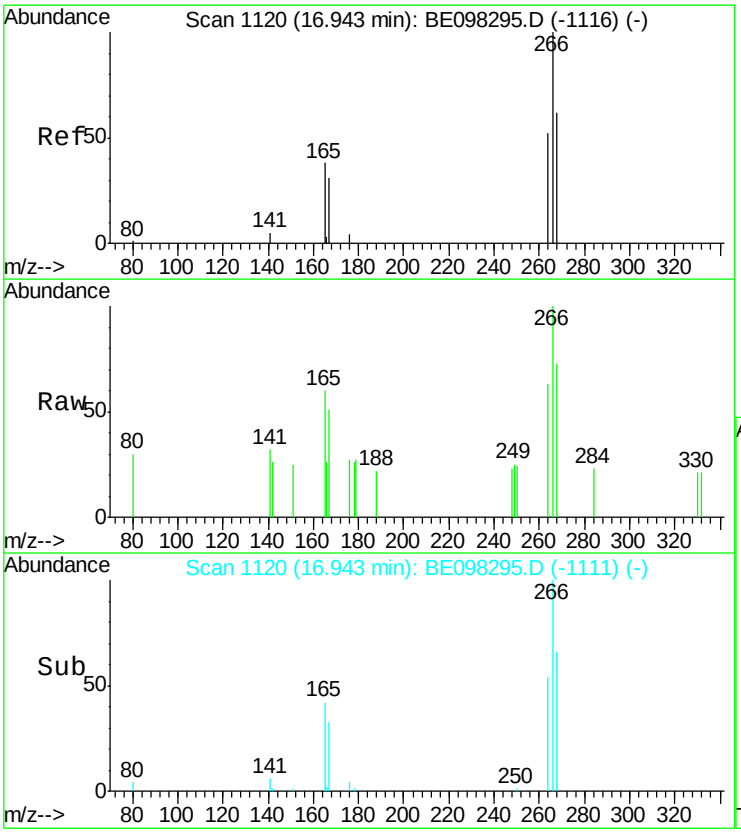
#21
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.58 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 2781

Ion	Ratio	Lower	Upper
284	100		
142	32.8	26.3	39.5
249	33.3	26.0	39.0

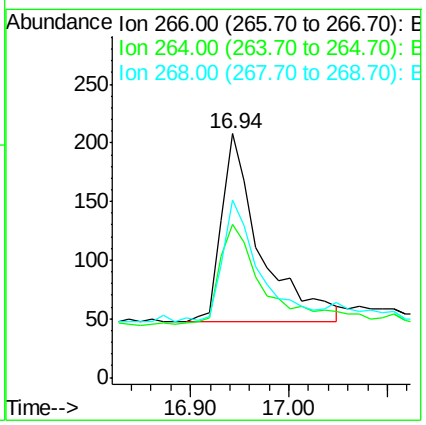


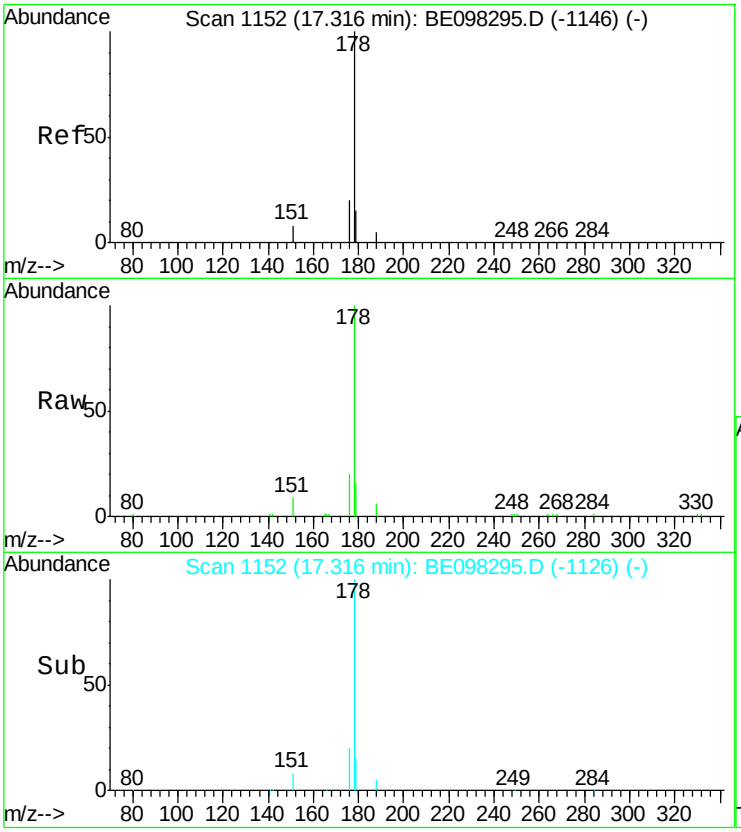


#22
Pentachlorophenol
Concen: 0.191 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:266 Resp: 445

Ion	Ratio	Lower	Upper
266	100		
264	62.5	59.0	88.4
268	72.6	55.1	82.7



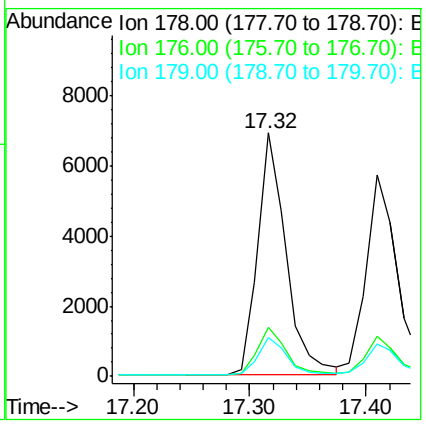


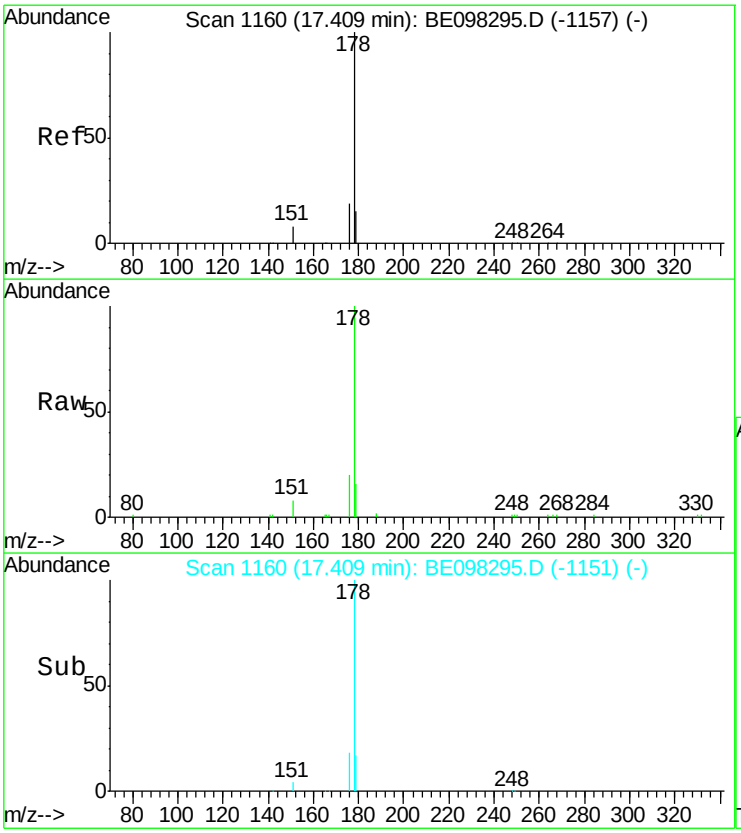
#23
Phenanthrene
Concen: 0.386 ng
RT: 17.32 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 11739

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.3	12.3	18.5

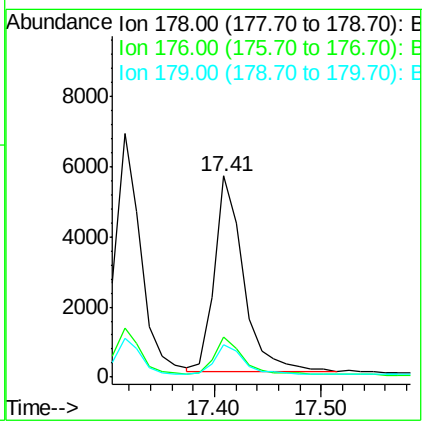


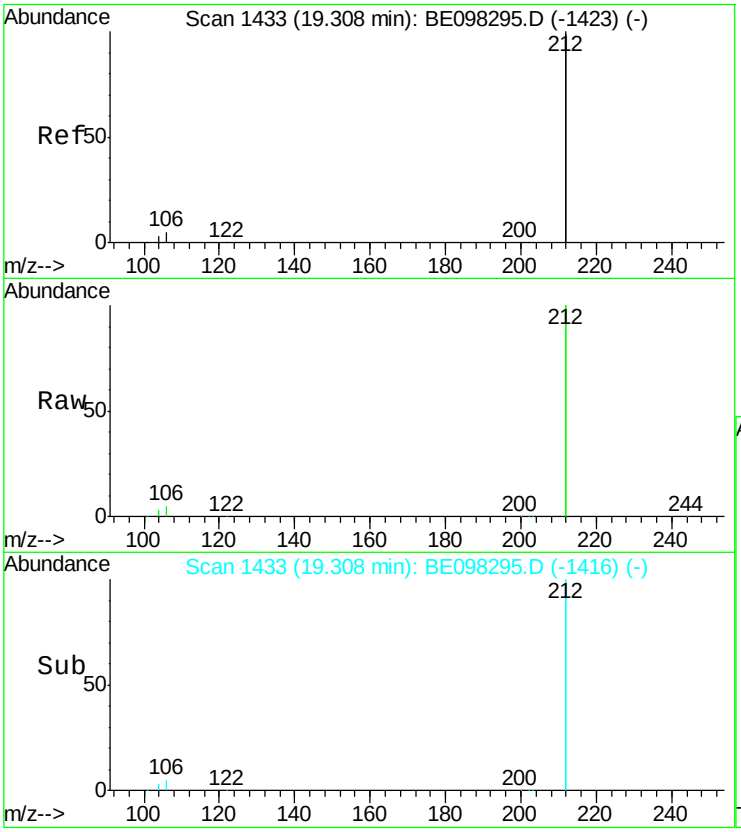


#24
Anthracene
Concen: 0.370 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:178 Resp: 10490

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	14.9	12.3	18.5



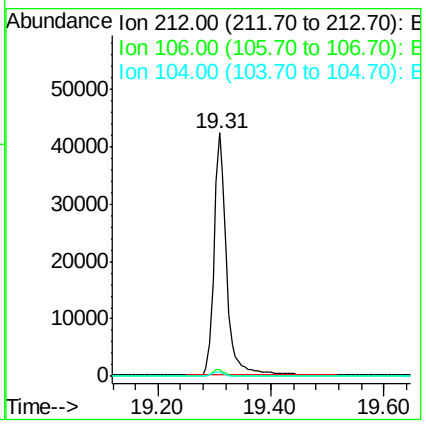


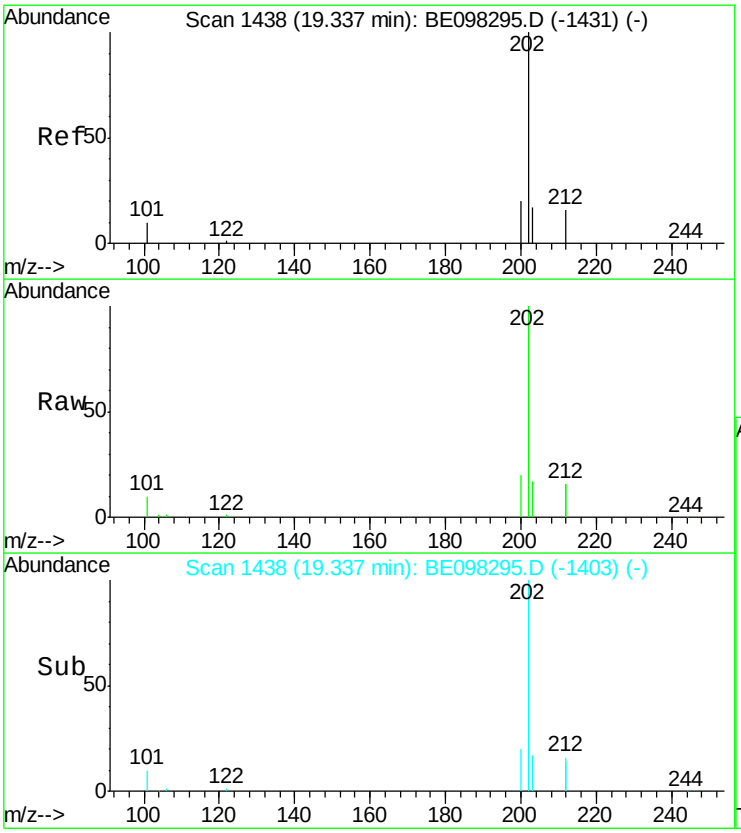
#25
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 65317

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.6	1.3	1.9

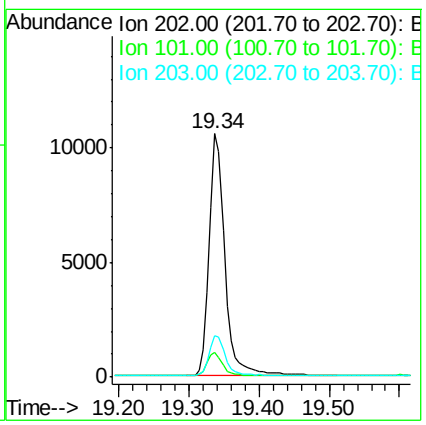


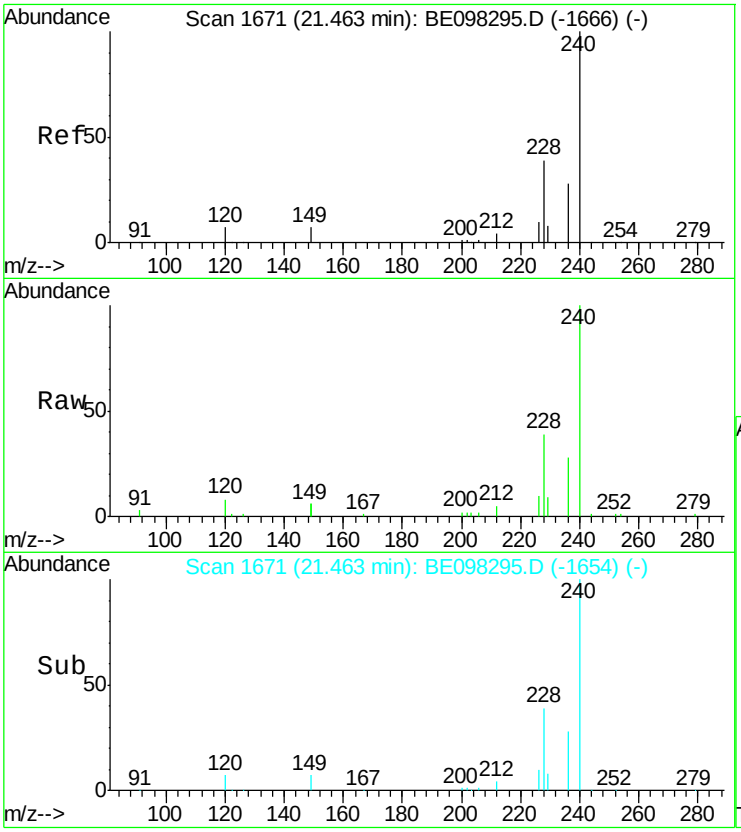


#26
Fluoranthene
Concen: 0.396 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:202 Resp: 16434

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.0	12.0
203	16.8	13.8	20.6



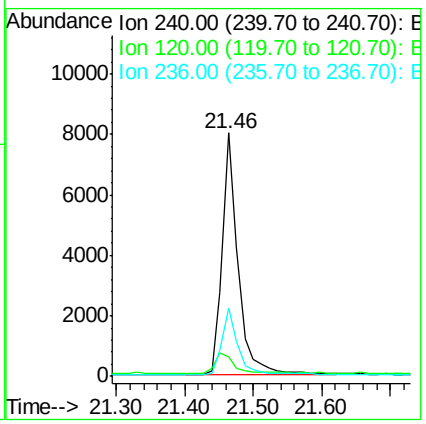


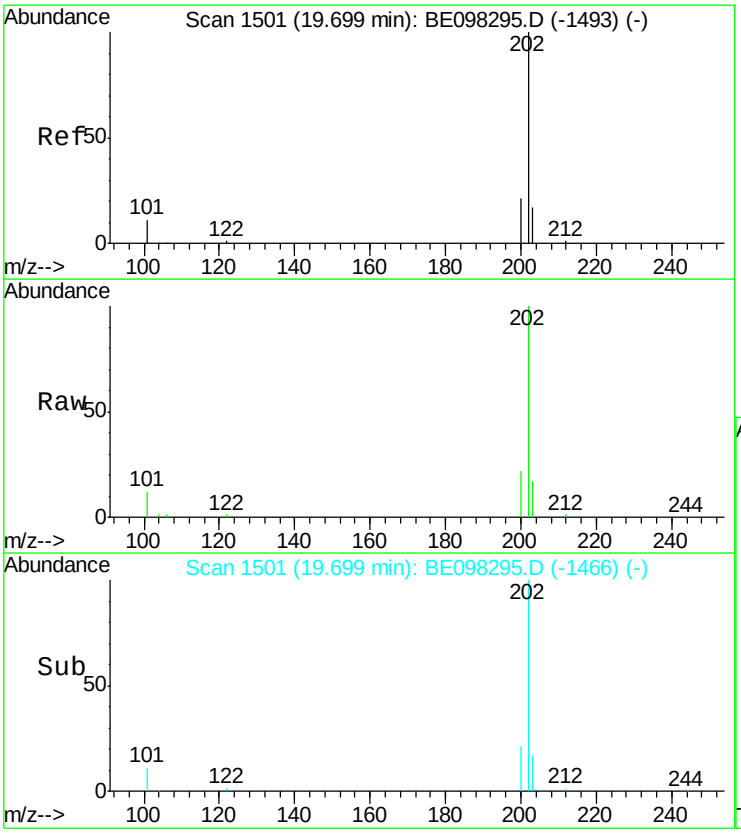
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 12959

Ion	Ratio	Lower	Upper
240	100		
120	7.9	9.5	14.3#
236	28.2	22.7	34.1

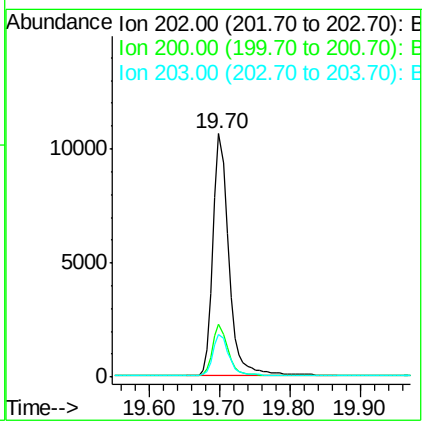


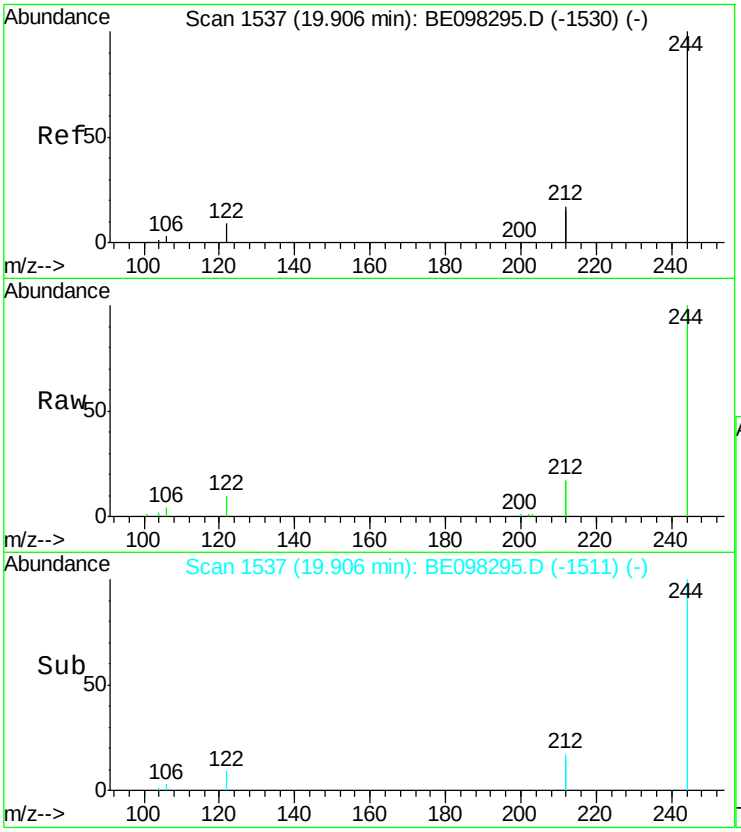


#28
Pyrene
Concen: 0.464 ng
RT: 19.70 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:202 Resp: 16653

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.5	14.1	21.1



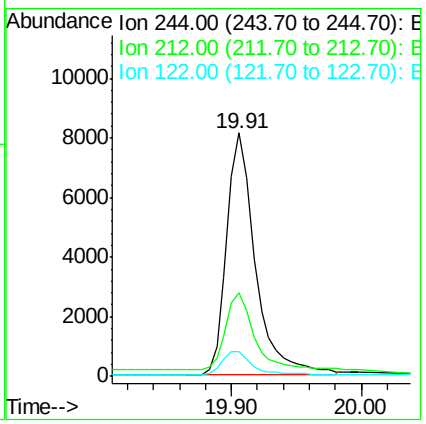


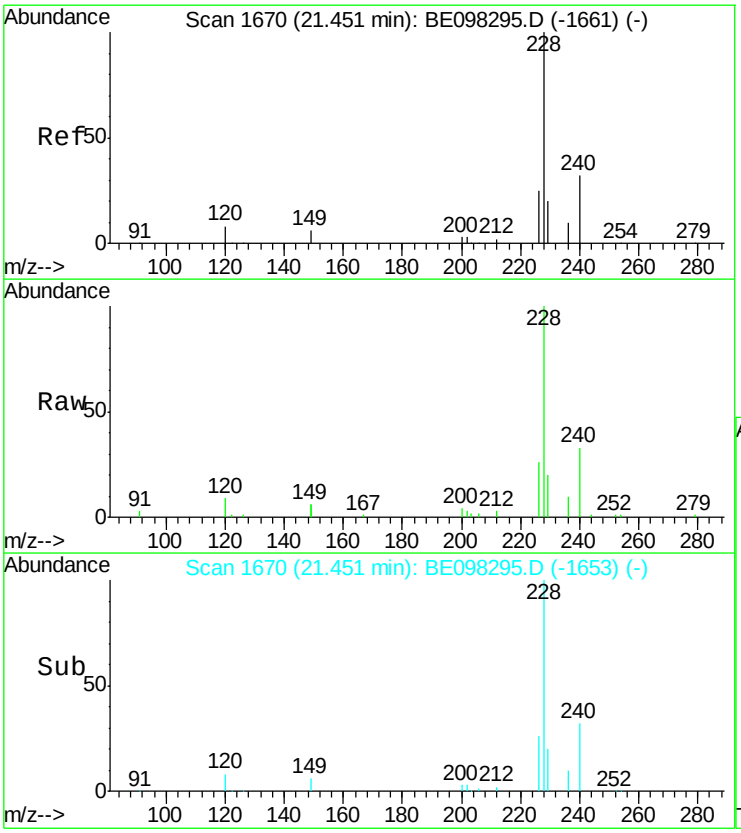
#29
Terphenyl-d14
Concen: 0.428 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 12484

Ion	Ratio	Lower	Upper
244	100		
212	34.5	27.4	41.0
122	9.9	8.3	12.5

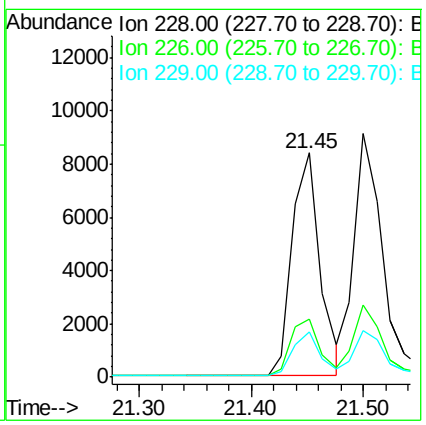


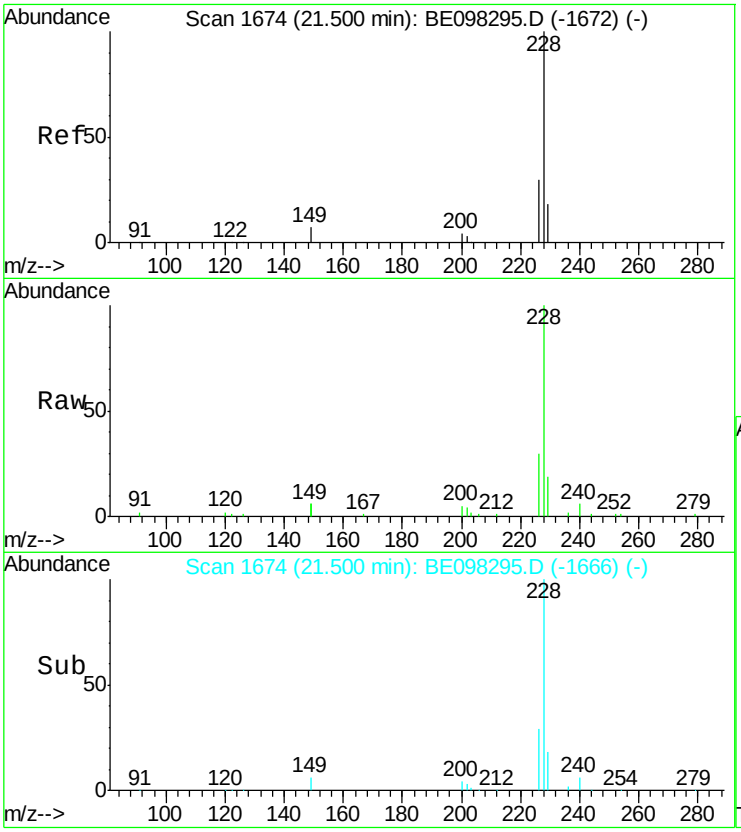


#30
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:228 Resp: 14432

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.8	32.8
229	20.3	16.3	24.5



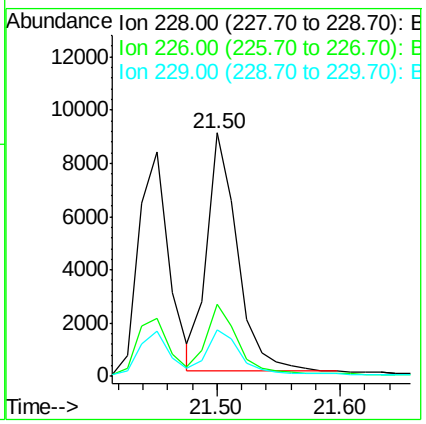


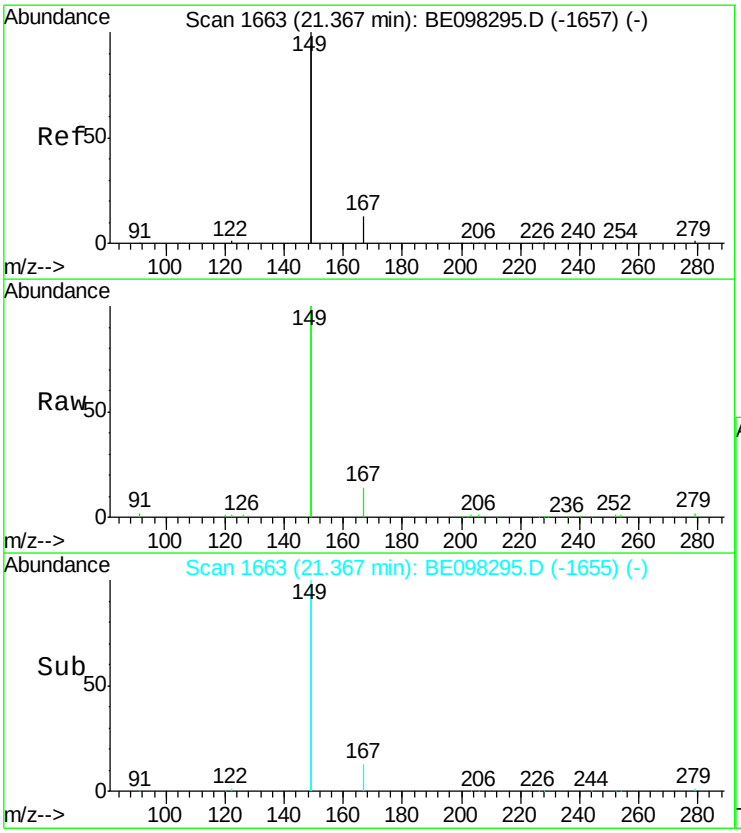
#31
Chrysene
Concen: 0.396 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 15332

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	18.9	16.2	24.4

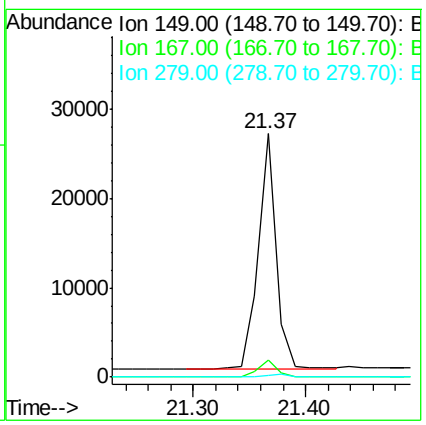


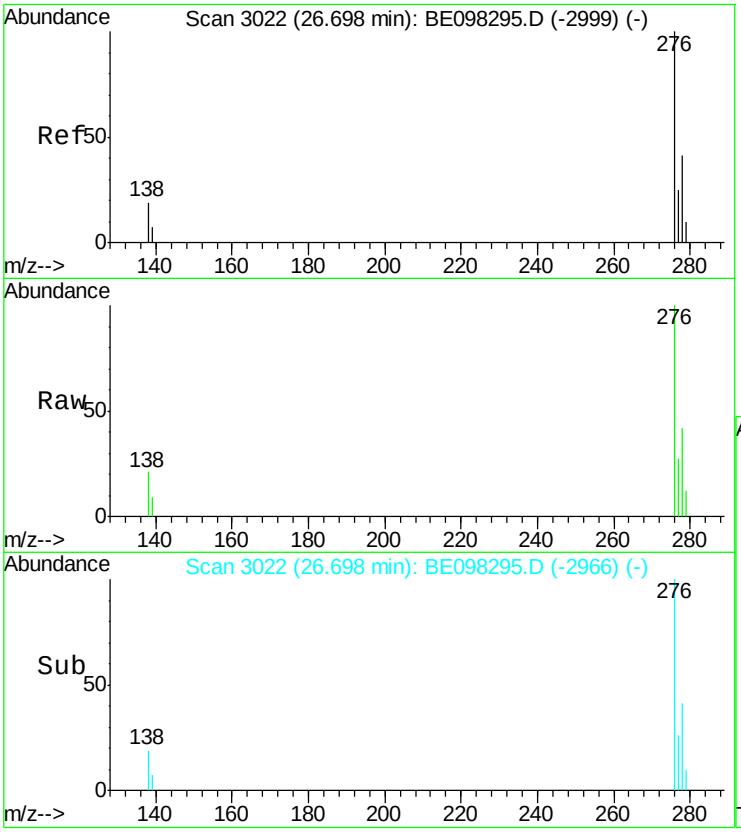


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.326 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:149 Resp: 29818

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.7	8.5
279	1.0	1.0	1.4



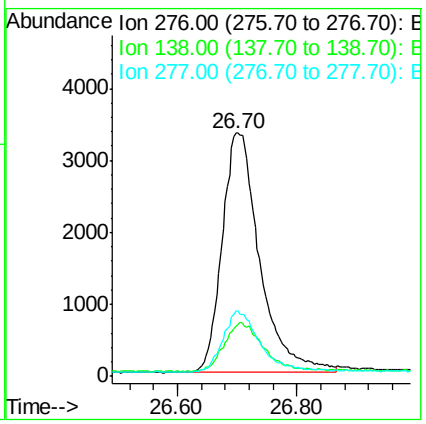


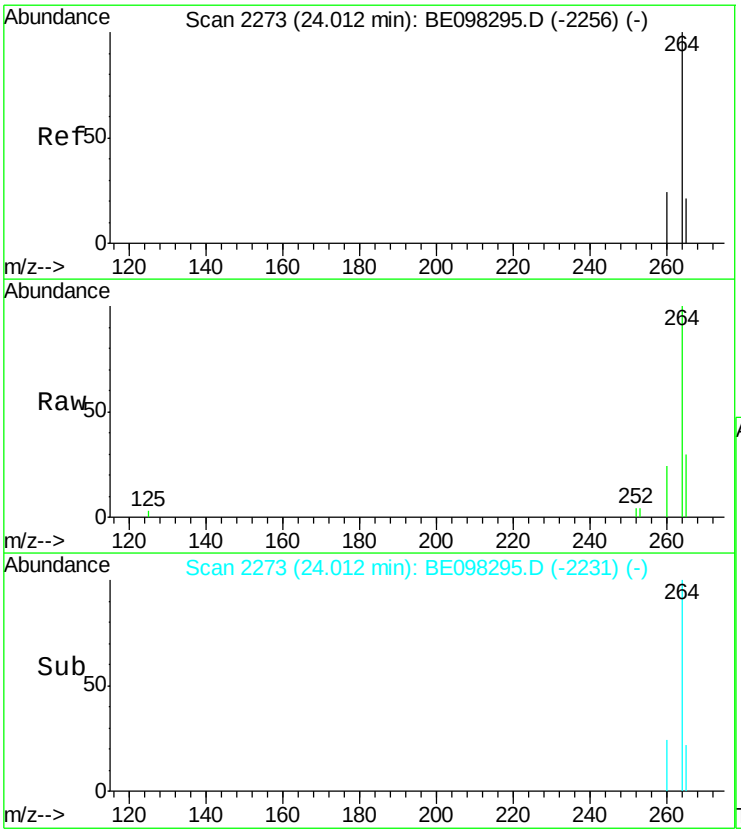
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 26.70 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 14580

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.3	24.5
277	24.5	20.2	30.4

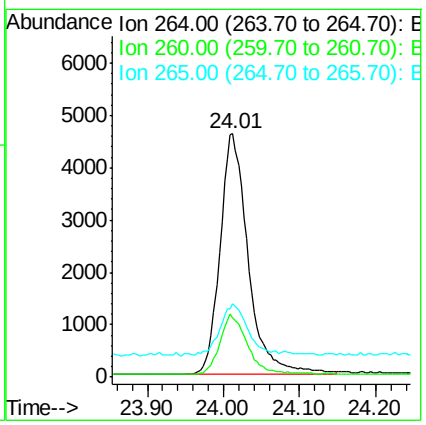


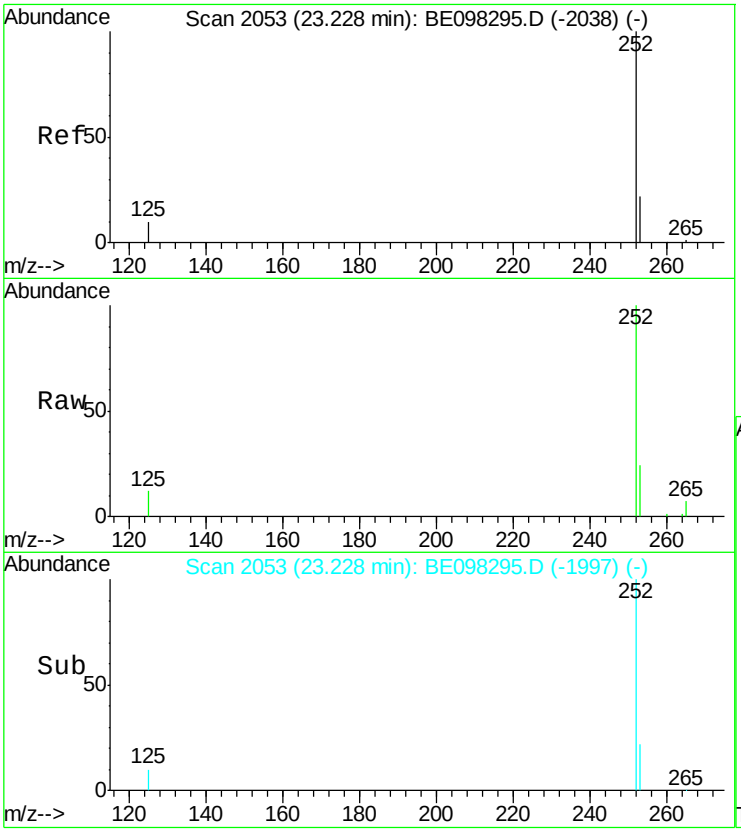


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:264 Resp: 11741

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	30.3	25.2	37.8



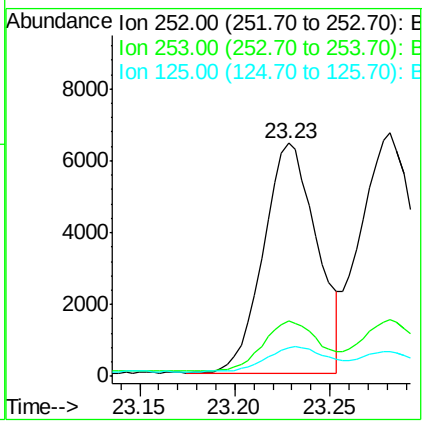


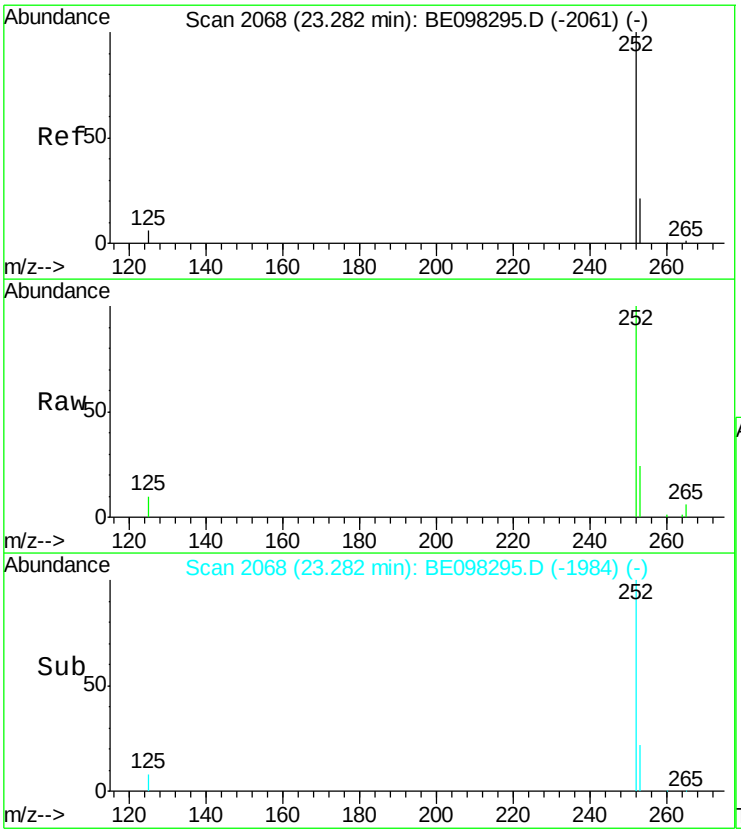
#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 23.23 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 12449

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.0	30.0
125	12.0	9.6	14.4

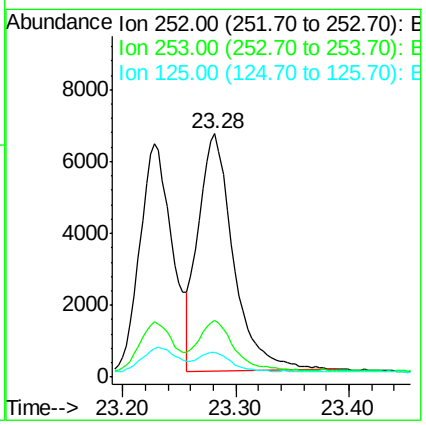


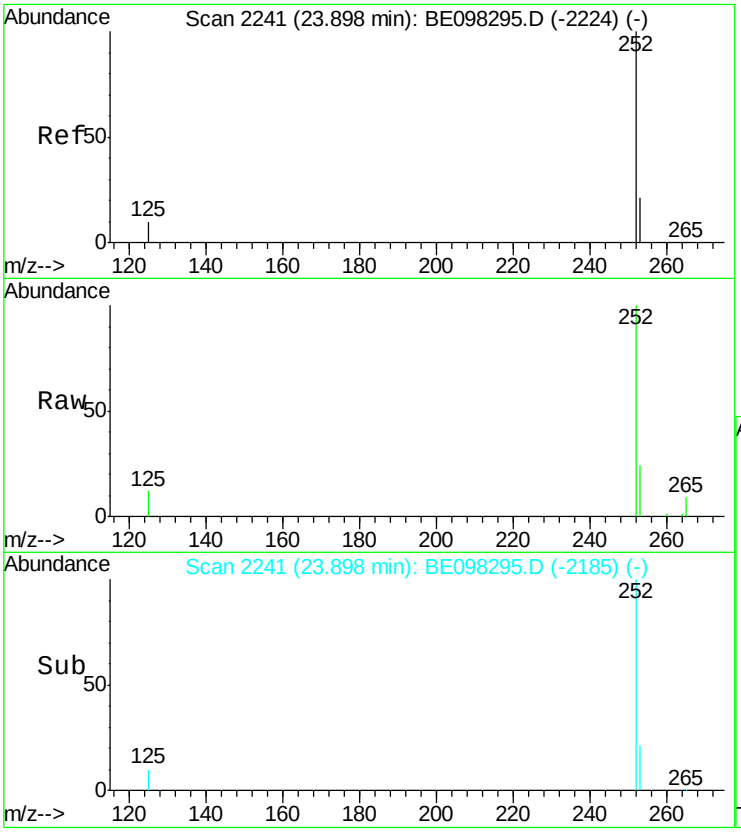


#36
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:252 Resp: 14352

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	10.3	9.1	13.7



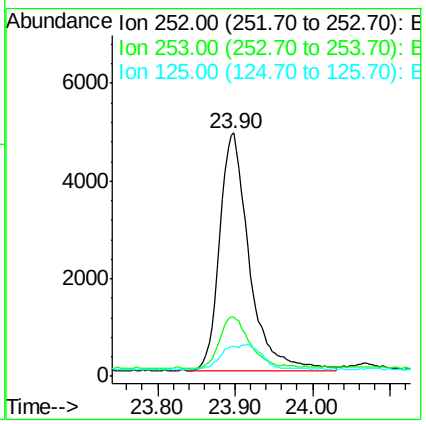


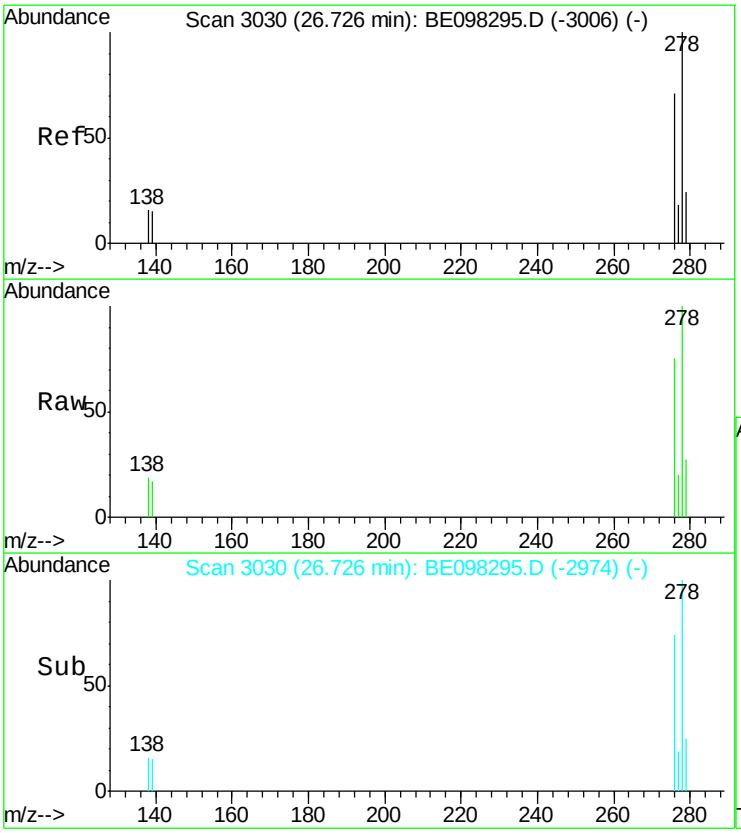
#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 12988

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.6	30.8
125	12.3	10.5	15.7

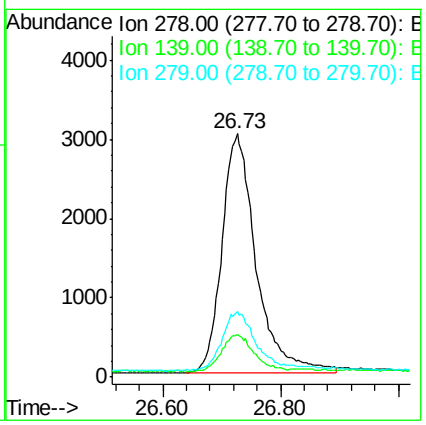


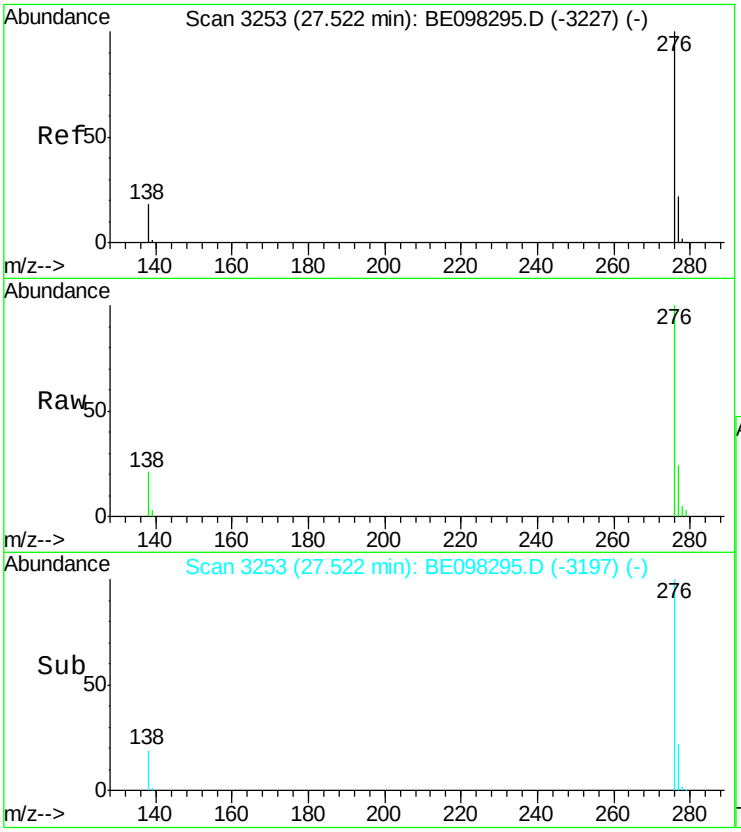


#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Tgt Ion:278 Resp: 12137

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.5	21.7
279	27.1	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 27.52 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BE098295.D
Acq: 10 Dec 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 12202

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.8	31.2
138	20.5	15.8	23.6