Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095970.D
Acq On : 11 Apr 2018 14:46
Operator : SJ/JU
Sample : SSTDICC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 11 15:28:19 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 15:27:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1206	0.40	ng		0.00
7) Naphthalene-d8	11.22	136	4678	0.40	ng		0.00
13) Acenaphthene-d10	14.97	164	2539	0.40	ng		0.00
19) Phenanthrene-d10	17.68	188	6044	0.40	ng		0.00
27) Chrysene-d12	21.78	240	6809	0.40	ng		0.00
34) Perylene-d12	24.39	264	6555	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.88	112	1416	0.36	ng		0.00
5) Phenol-d6	7.53	99	1960	0.36	ng		0.00
8) Nitrobenzene-d5	9.57	82	2012	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.77	152	2772	0.36	ng		0.00
14) 2,4,6-Tribromophenol	16.44	330	446	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.61	172	4158	0.39	ng		0.00
25) Fluoranthene-d10	19.66	212	30310	0.34	ng		0.00
29) Terphenyl-d14	20.22	244	5508	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	692	0.350	ng	#	87
3) n-Nitrosodimethylamine	3.97	42	840	0.290	ng		85
6) bis(2-Chloroethyl)ether	7.79	93	1738	0.369	ng		94
9) Naphthalene	11.27	128	18514	0.347	ng		100
10) Hexachlorobutadiene	11.53	225	792	0.216	ng	#	87
12) 2-Methylnaphthalene	12.84	142	3026	0.332	ng		98
16) Acenaphthylene	14.70	152	5024	0.346	ng		98
17) Acenaphthene	15.04	154	3019	0.341	ng		94
18) Fluorene	15.99	166	3756	0.322	ng	#	77
20) 4-Bromophenyl-phenylether	16.87	248	1350	0.372	ng	#	88
21) Hexachlorobenzene	17.00	284	1385	0.382	ng	#	81
22) Pentachlorophenol	17.33	266	382	0.364	ng	#	77
23) Phenanthrene	17.72	178	6411	0.354	ng		100
24) Anthracene	17.81	178	5971	0.330	ng		96
26) Fluoranthene	19.69	202	8272	0.329	ng		97
28) Pyrene	20.05	202	4831	0.174	ng		96
30) Benzo(a)anthracene	21.75	228	8015	0.339	ng		98
31) Chrysene	21.81	228	8012	0.372	ng		99
32) Bis(2-ethylhexyl)phthalate	21.62	149	20998	0.291	ng		100
33) Indeno(1,2,3-cd)pyrene	27.19	276	7705	0.332	ng		95
35) Benzo(b)fluoranthene	23.58	252	7464	0.344	ng	#	91
36) Benzo(k)fluoranthene	23.63	252	7551	0.348	ng	#	92
37) Benzo(a)pyrene	24.27	252	7091	0.349	ng	#	92
38) Dibenzo(a,h)anthracene	27.20	278	6132	0.318	ng		98
39) Benzo(g,h,i)perylene	28.06	276	6665	0.344	ng	#	93

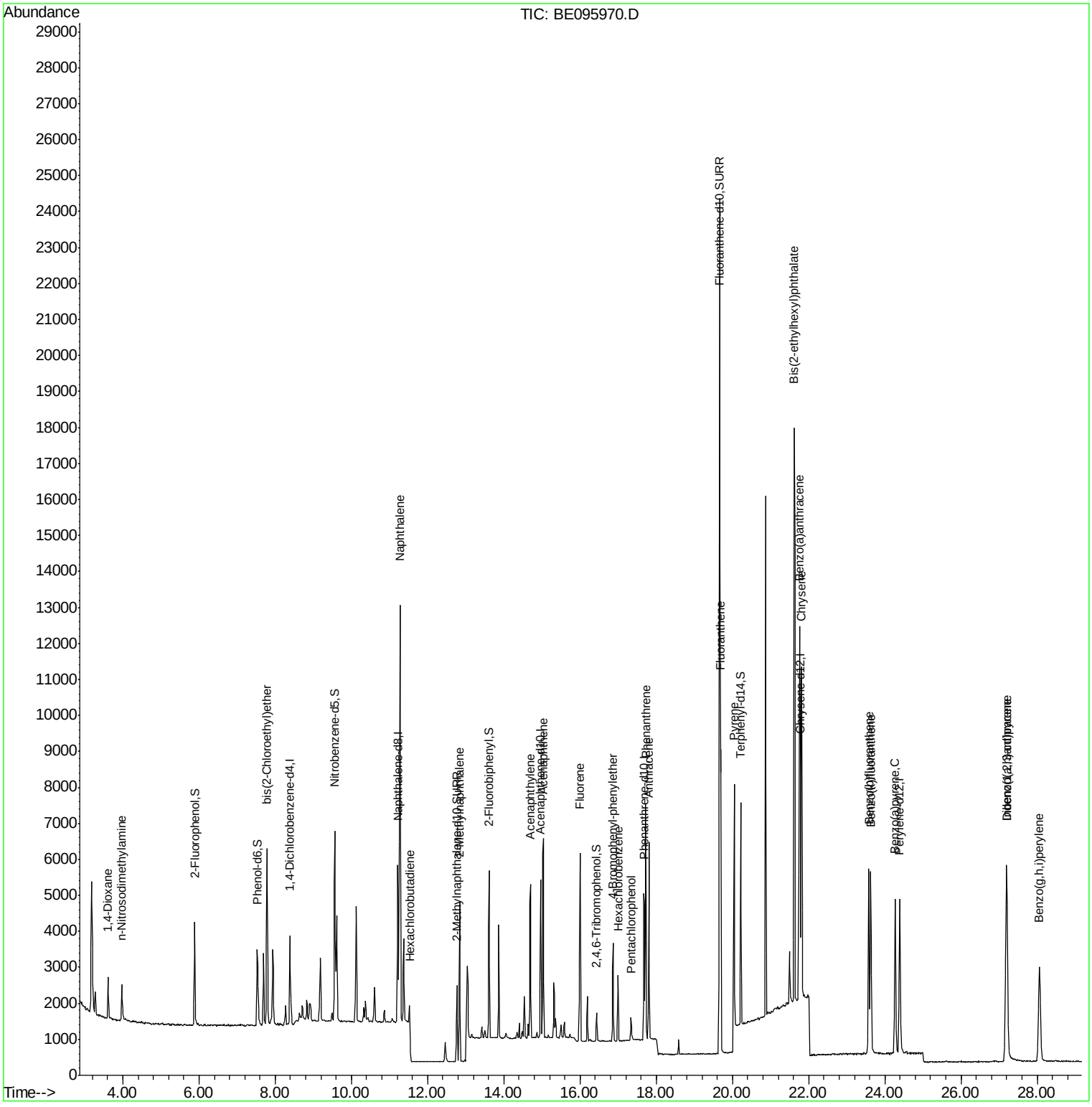
(#) = qualifier out of range (m) = manual integration (+) = signals summed

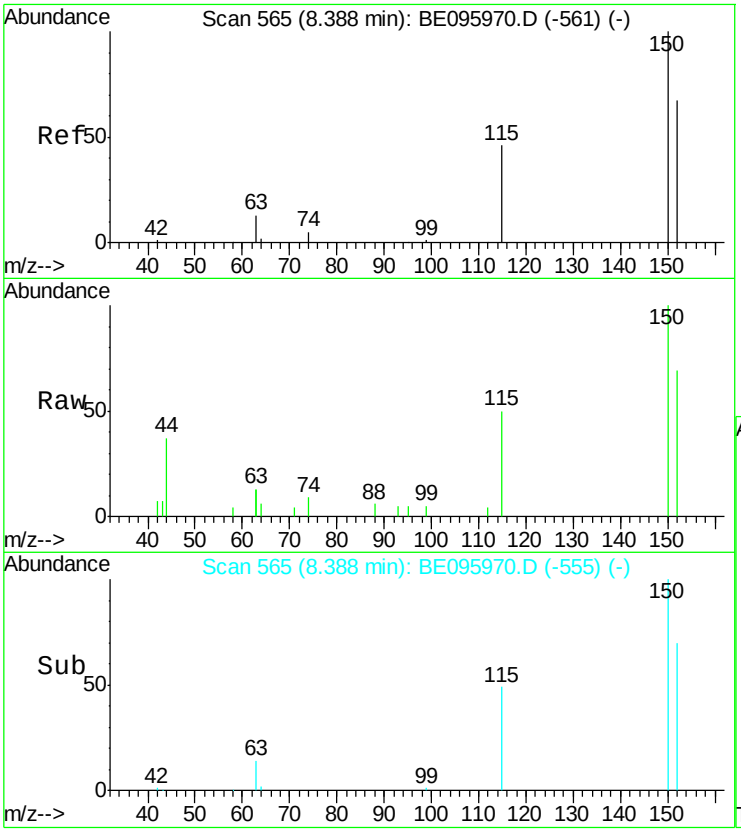
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095970.D
Acq On : 11 Apr 2018 14:46
Operator : SJ/JU
Sample : SSTDICC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 11 15:28:19 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 15:27:06 2018
Response via : Initial Calibration



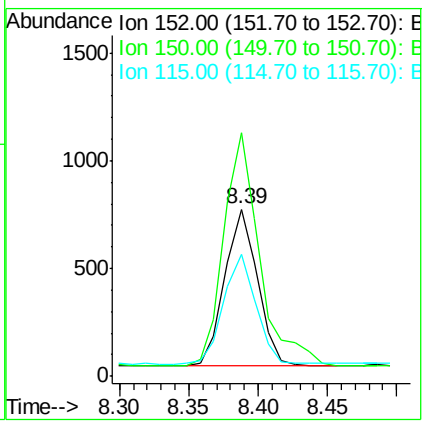


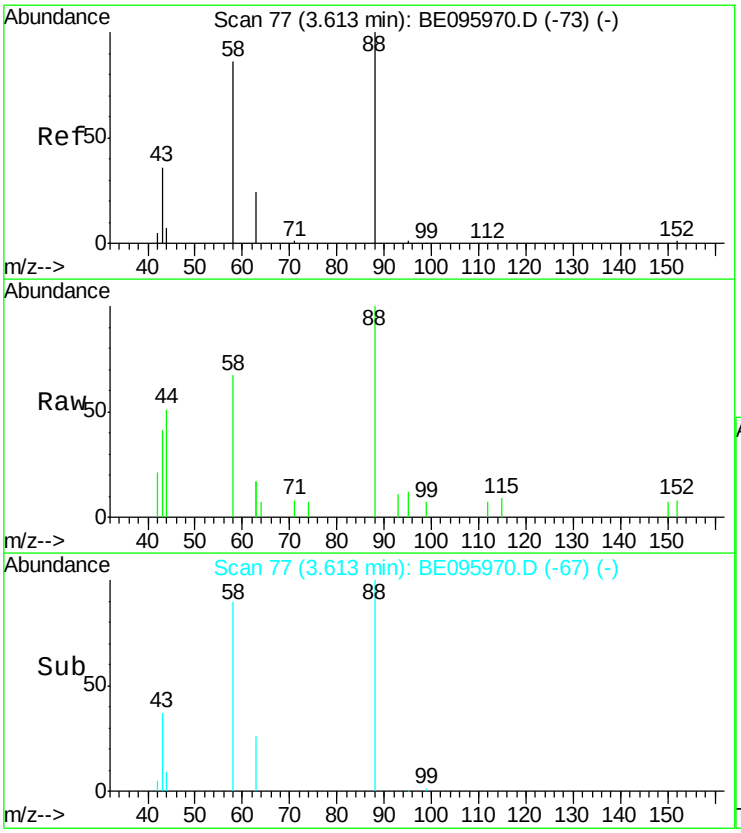
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1206

Ion	Ratio	Lower	Upper
152	100		
150	145.8	117.2	175.8
115	73.0	57.0	85.6

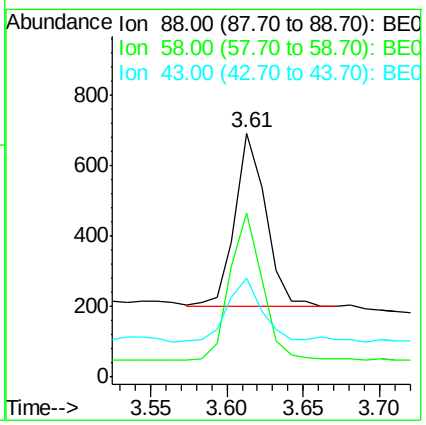


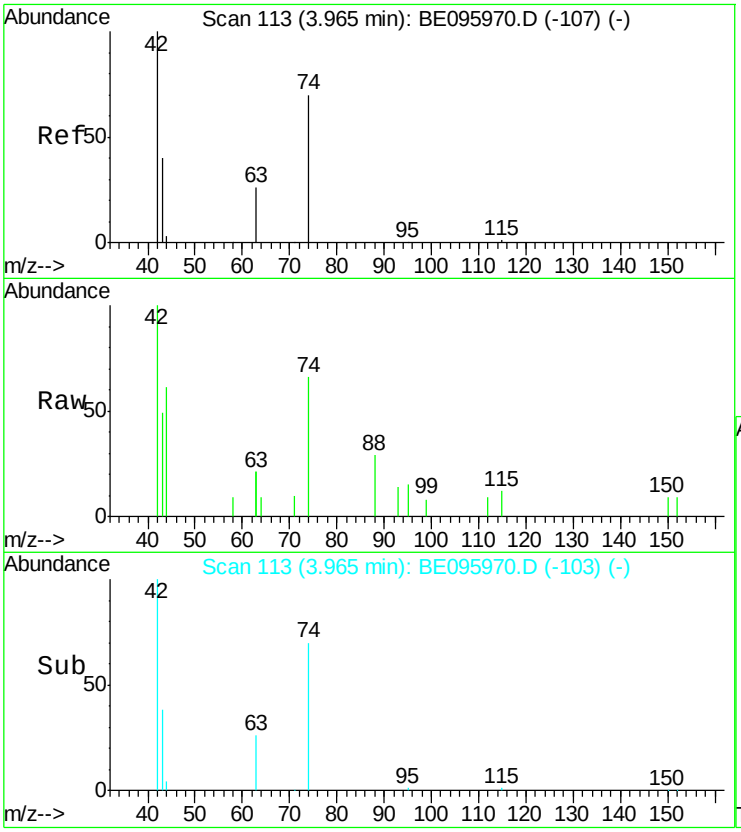


#2
1,4-Dioxane
Concen: 0.350 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion: 88 Resp: 692

Ion	Ratio	Lower	Upper
88	100		
58	88.6	63.2	94.8
43	40.9	41.2	61.8#



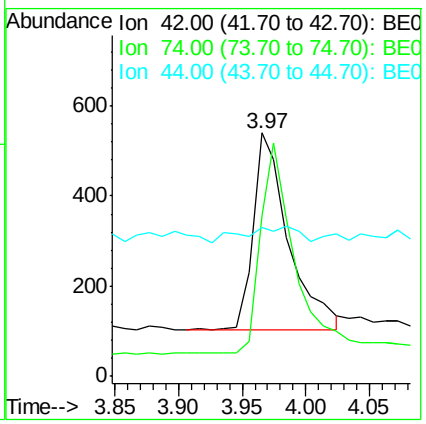


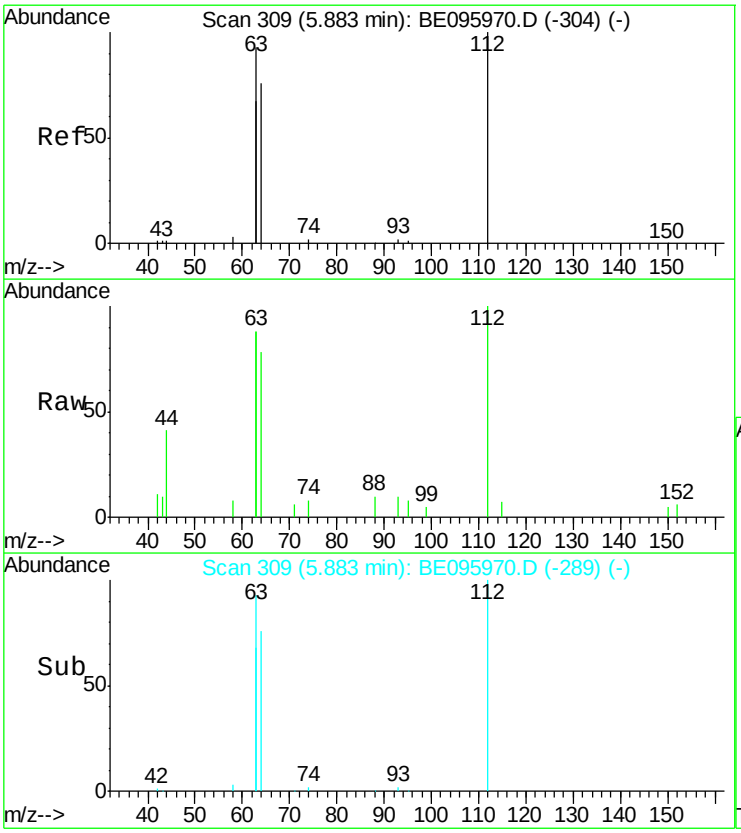
#3
n-Nitrosodimethylamine
Concen: 0.290 ng
RT: 3.97 min Scan# 113
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 840

Ion	Ratio	Lower	Upper
42	100		
74	101.7	96.0	144.0
44	12.9	12.0	18.0

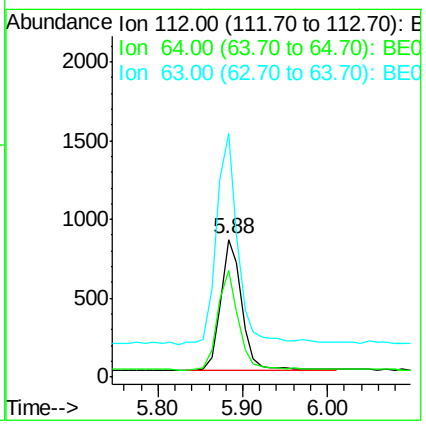


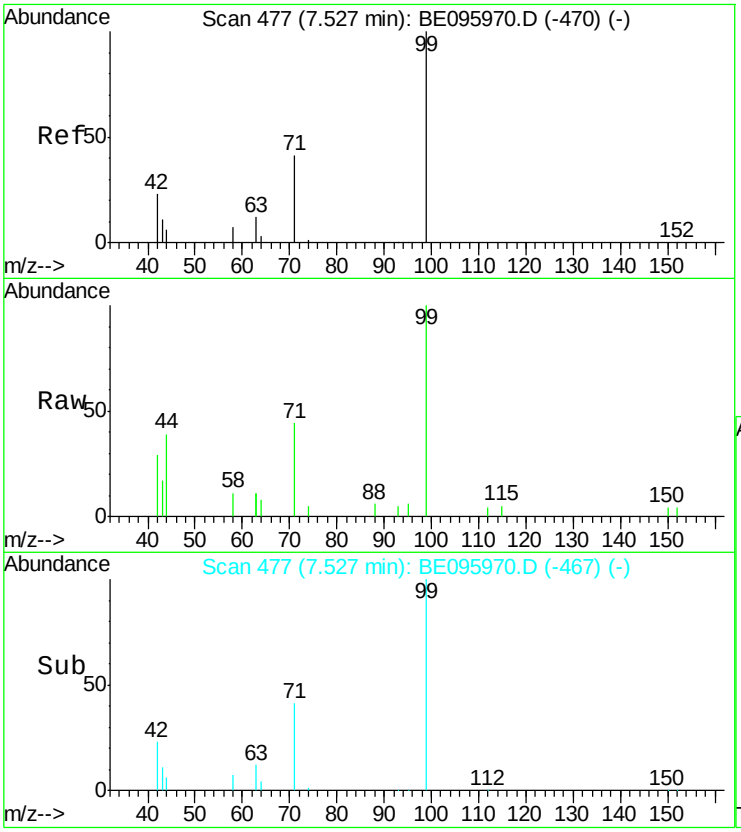


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.88 min Scan# 309
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:112 Resp: 1416

Ion	Ratio	Lower	Upper
112	100		
64	76.3	60.1	90.1
63	166.9	116.8	175.2



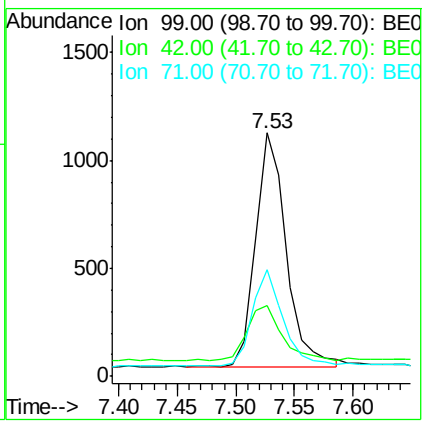


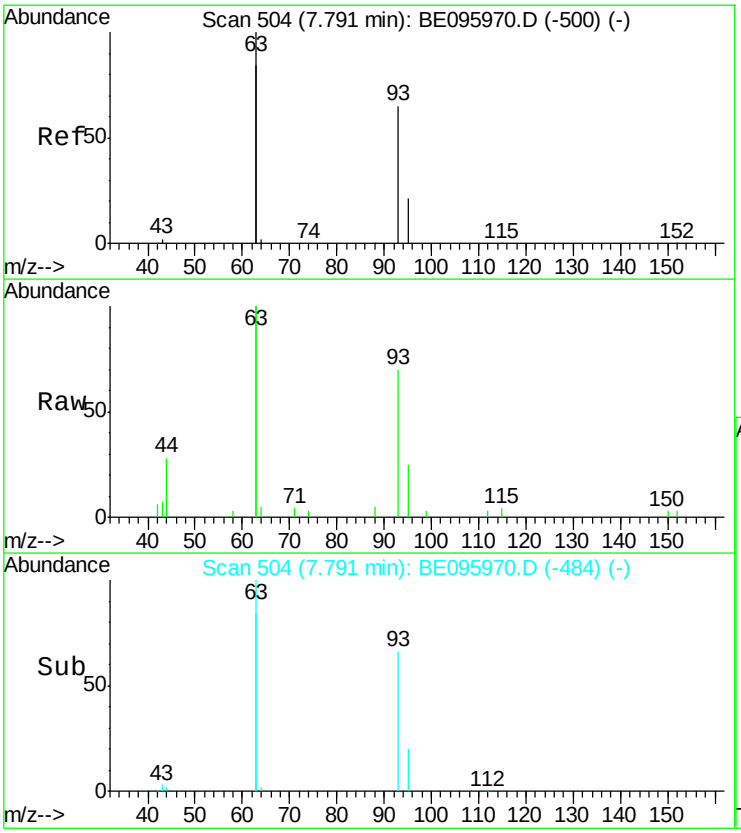
#5
Phenol-d6
Concen: 0.359 ng
RT: 7.53 min Scan# 477
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1960

Ion	Ratio	Lower	Upper
99	100		
42	27.6	20.2	30.2
71	41.2	28.4	42.6

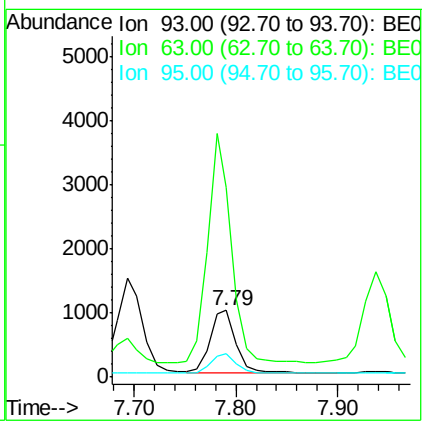


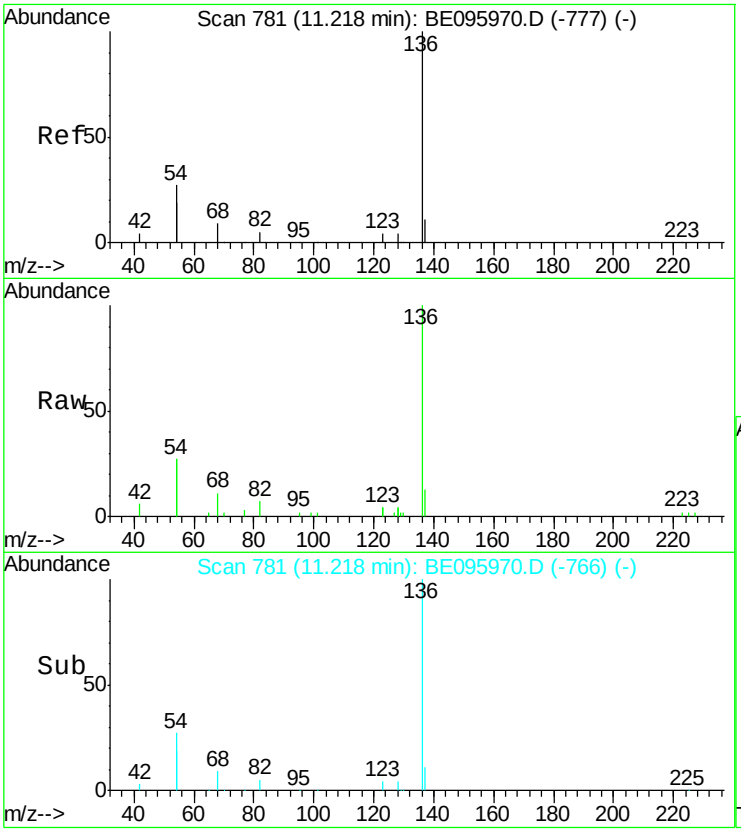


#6
bis(2-Chloroethyl)ether
Concen: 0.369 ng
RT: 7.79 min Scan# 504
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion: 93 Resp: 1738

Ion	Ratio	Lower	Upper
93	100		
63	330.6	275.3	412.9
95	32.7	25.2	37.8



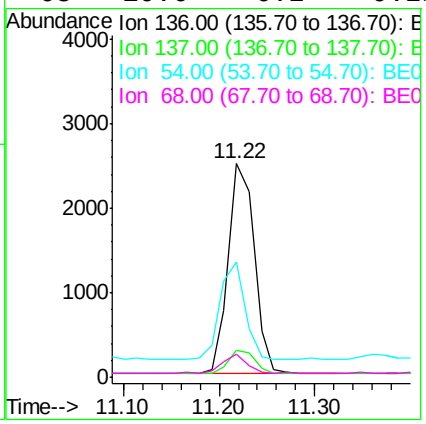


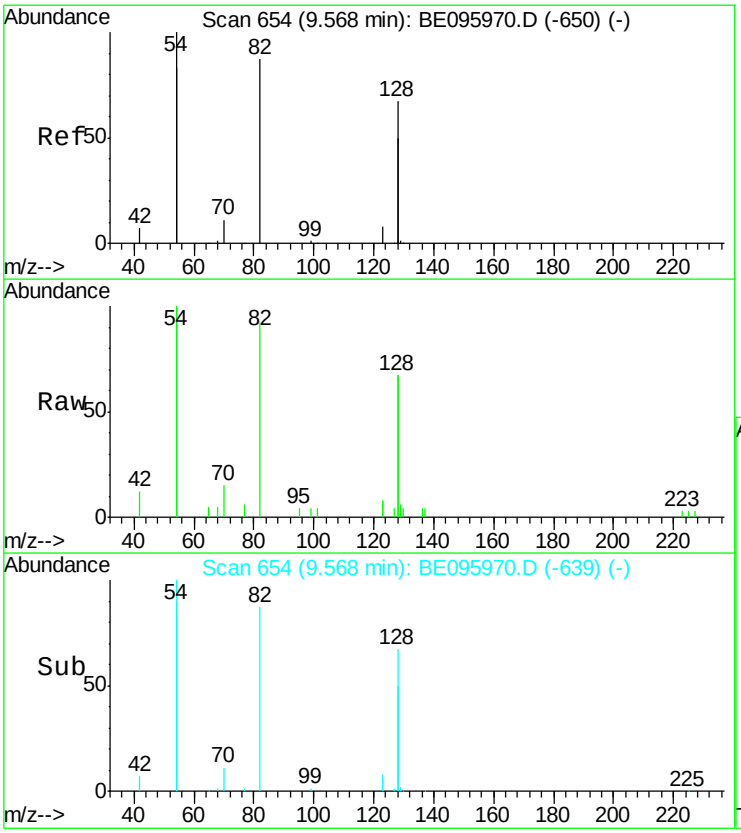
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.22 min Scan# 781
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4678

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	53.7	29.1	43.7#
68	10.6	6.2	9.2#

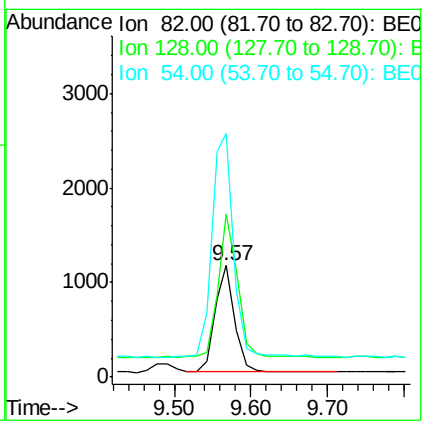


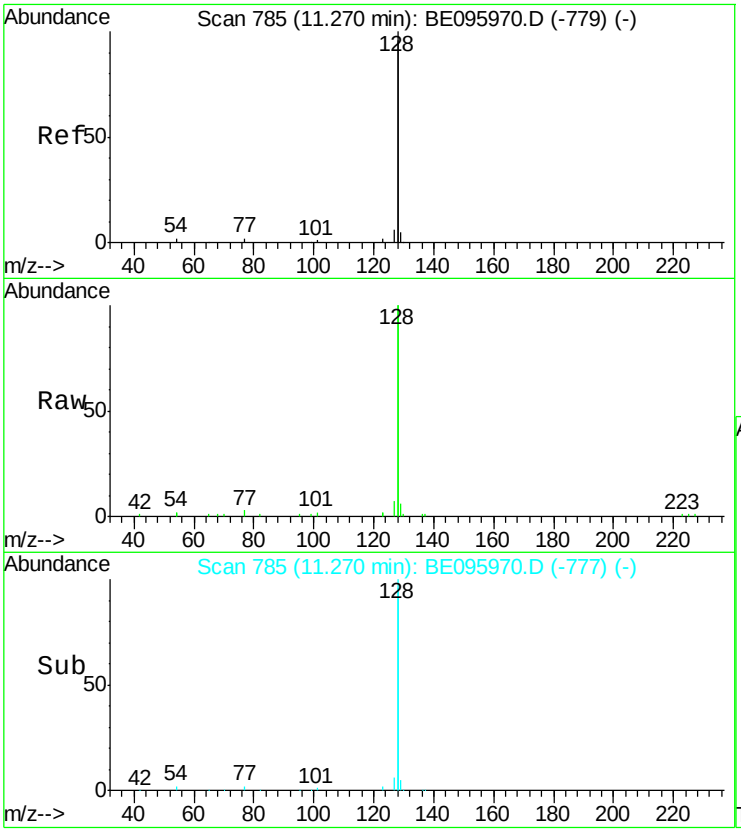


#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 9.57 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion: 82 Resp: 2012

Ion	Ratio	Lower	Upper
82	100		
128	145.8	150.0	225.0#
54	218.1	154.2	231.4



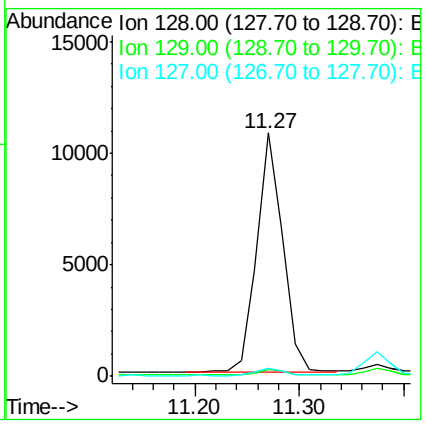


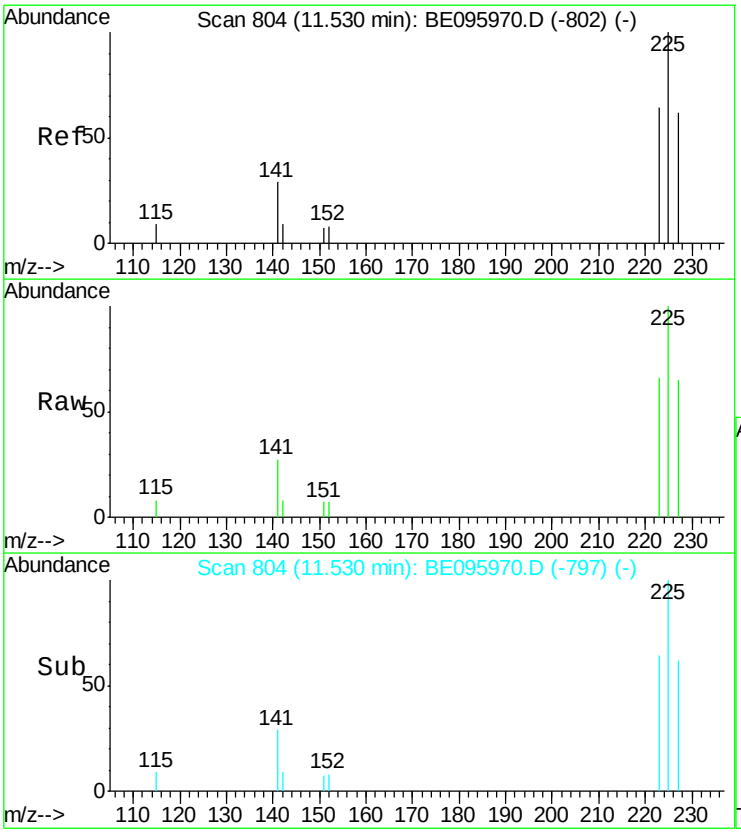
#9
Naphthalene
Concen: 0.347 ng
RT: 11.27 min Scan# 785
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 18514

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.6	2.8	4.2

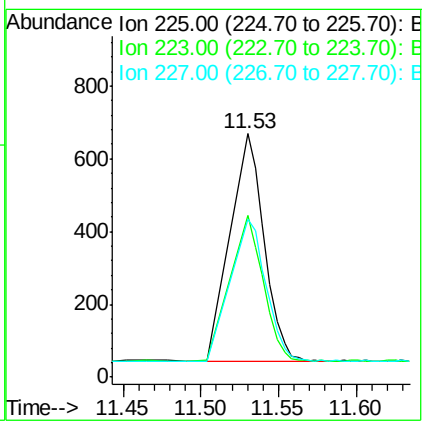


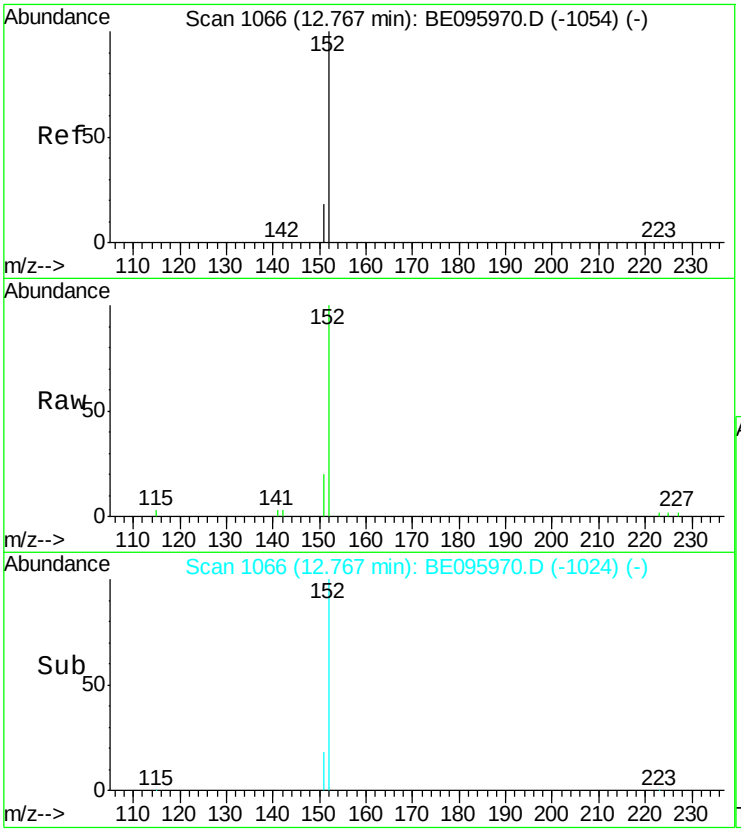


#10
Hexachlorobutadiene
Concen: 0.216 ng
RT: 11.53 min Scan# 804
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:225 Resp: 792

Ion	Ratio	Lower	Upper
225	100		
223	63.0	53.0	79.6
227	82.4	51.4	77.2#



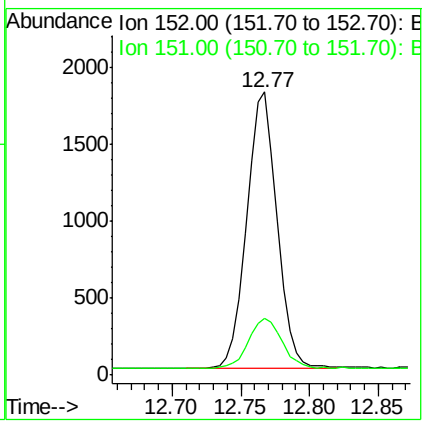


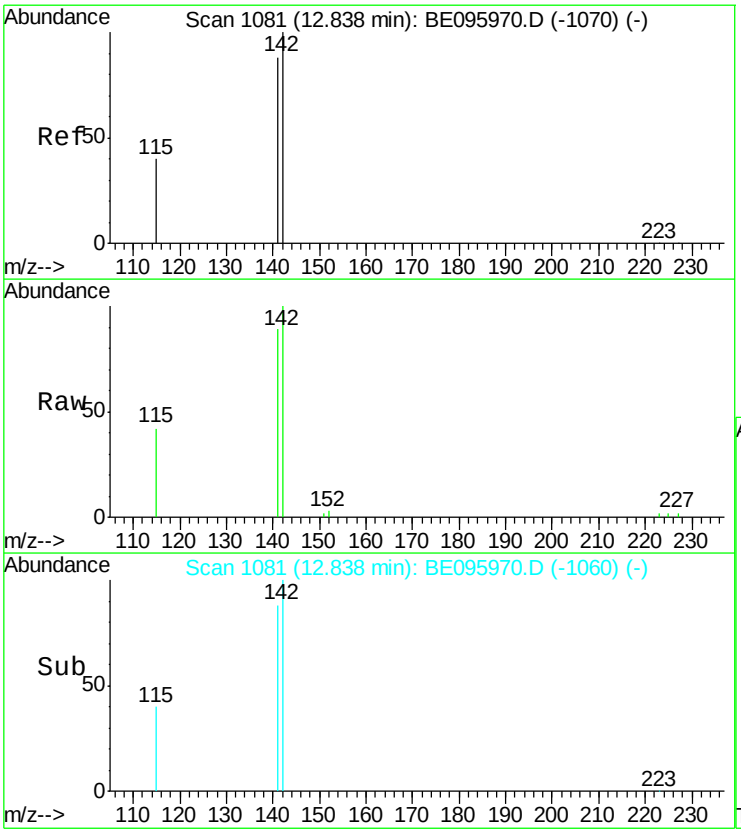
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.77 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2772

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

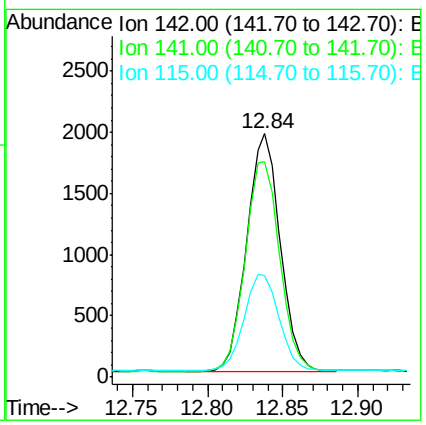


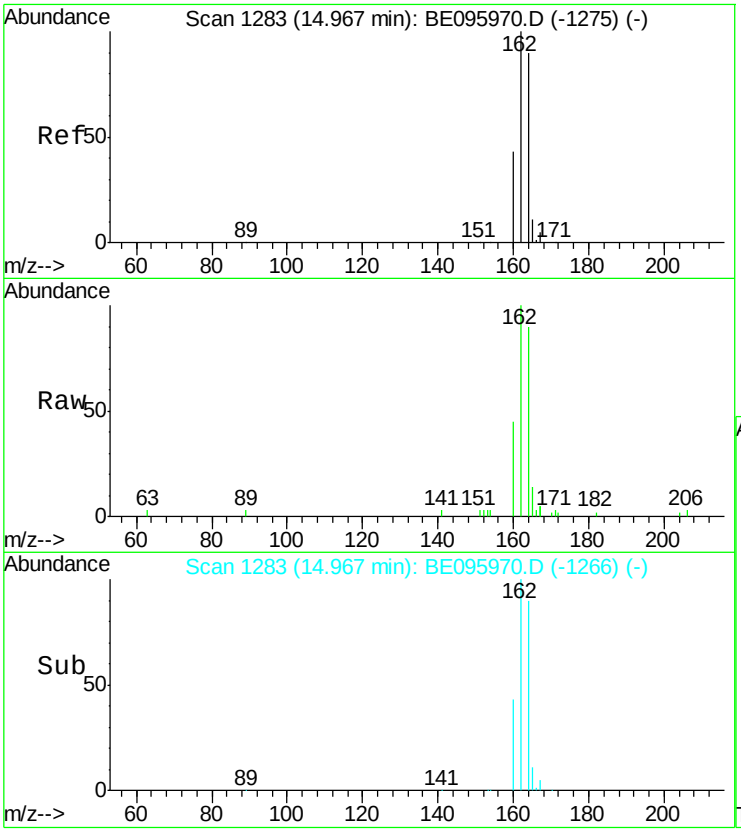


#12
2-Methylnaphthalene
Concen: 0.332 ng
RT: 12.84 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:142 Resp: 3026

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	41.8	31.7	47.5



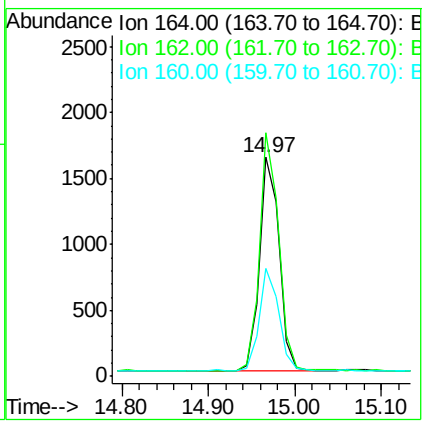


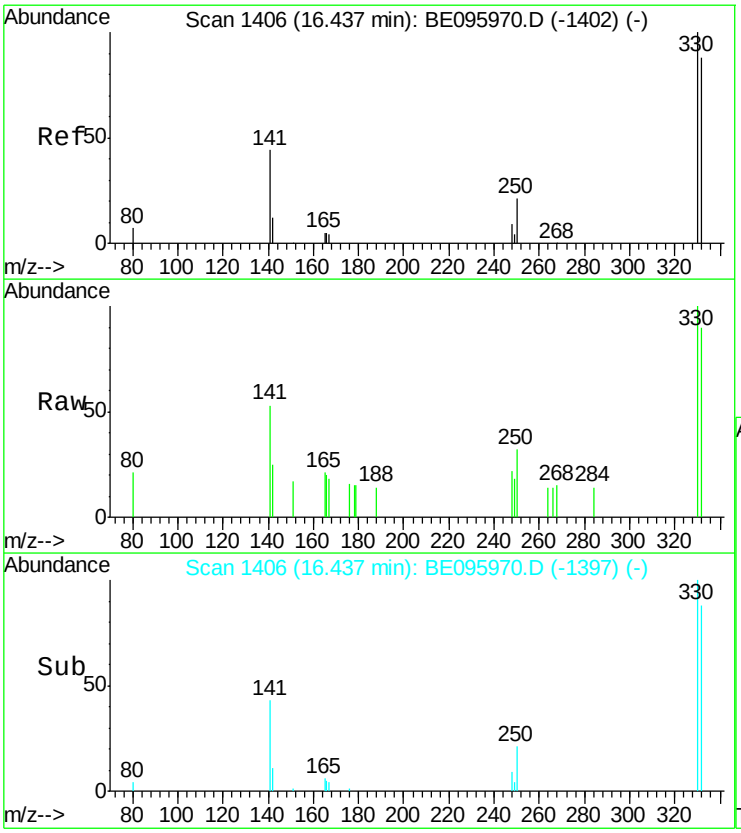
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.97 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2539

Ion	Ratio	Lower	Upper
164	100		
162	111.3	83.1	124.7
160	49.6	37.1	55.7

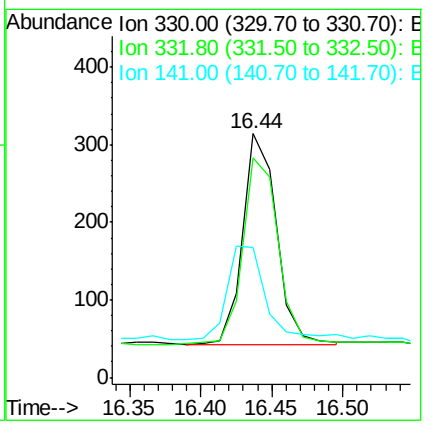


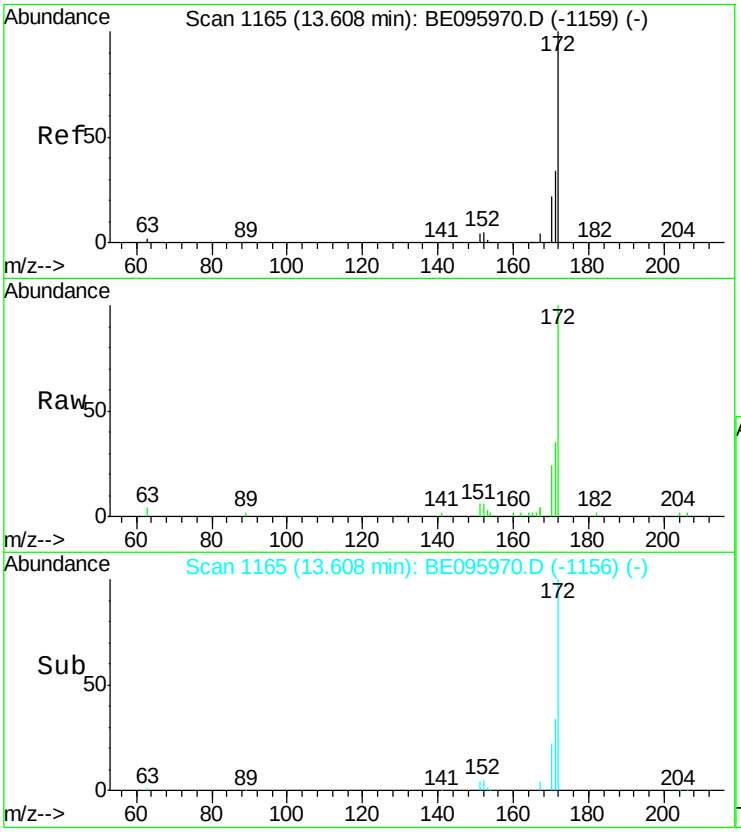


#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 16.44 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:330 Resp: 446

Ion	Ratio	Lower	Upper
330	100		
332	92.6	152.7	229.1#
141	49.3	33.7	50.5



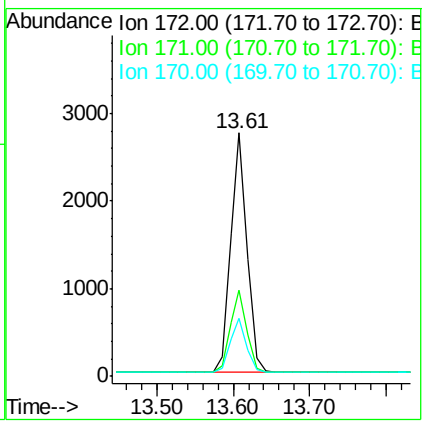


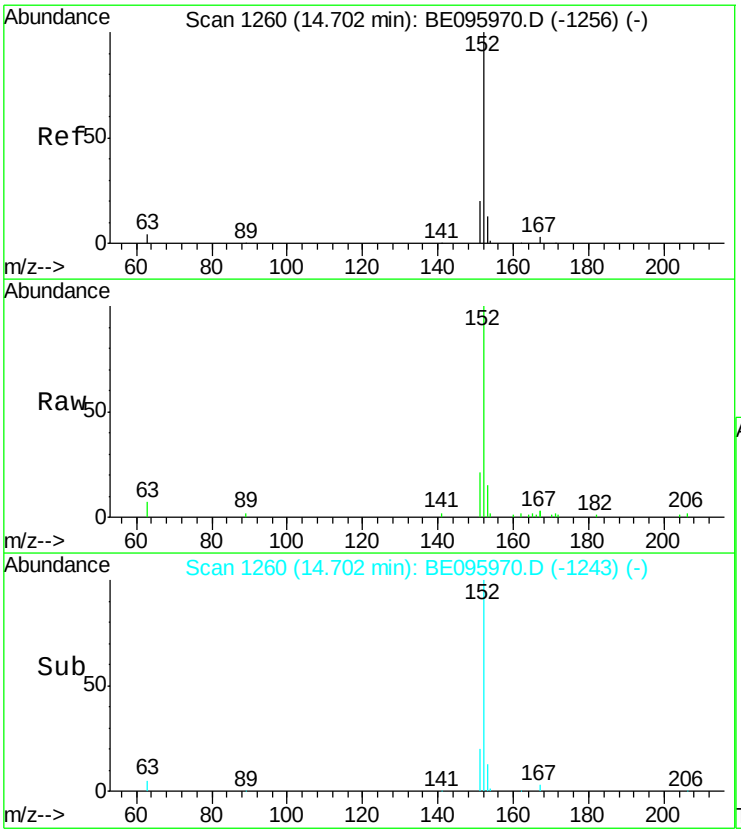
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4158

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	23.7	21.8	32.8

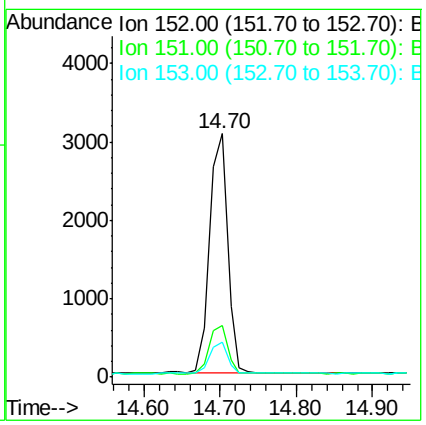


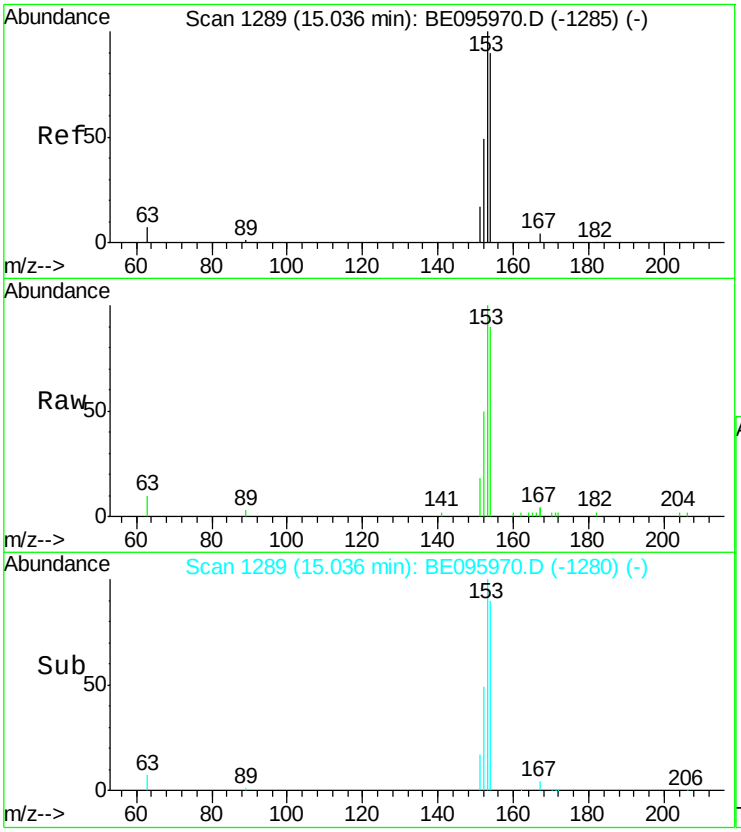


#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.70 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:152 Resp: 5024

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	13.5	10.5	15.7



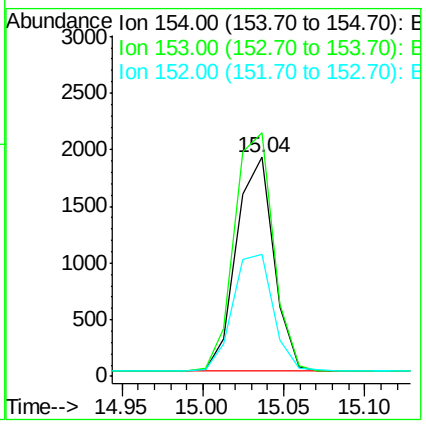


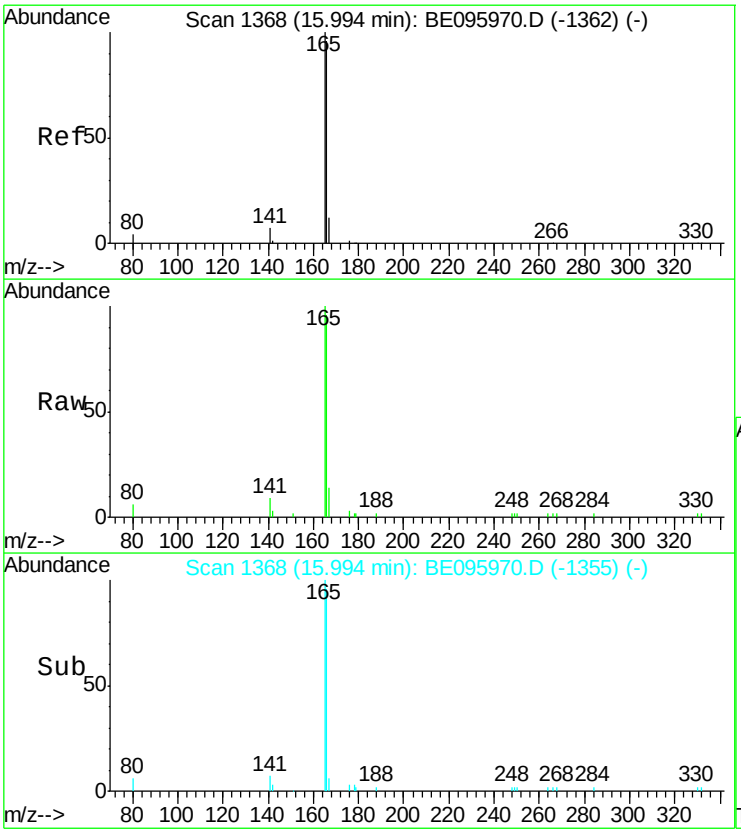
#17
Acenaphthene
Concen: 0.341 ng
RT: 15.04 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3019

Ion	Ratio	Lower	Upper
154	100		
153	116.1	89.2	133.8
152	59.1	42.0	63.0

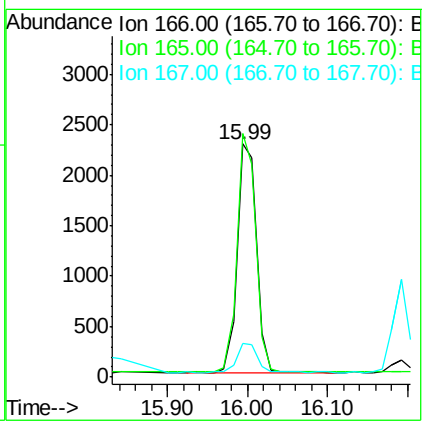


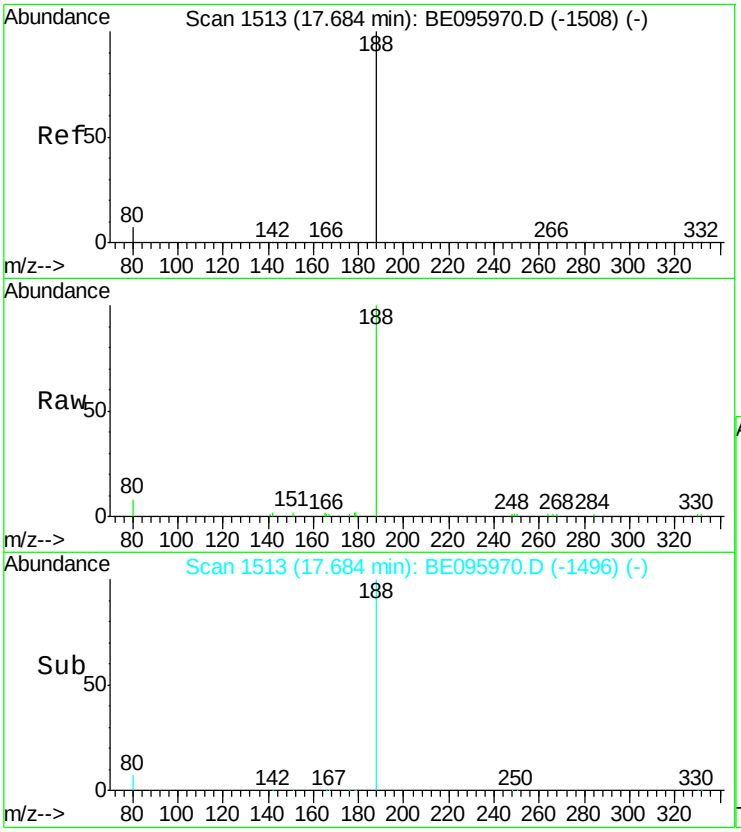


#18
Fluorene
Concen: 0.322 ng
RT: 15.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:166 Resp: 3756

Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.8	116.6
167	13.4	42.4	63.6#



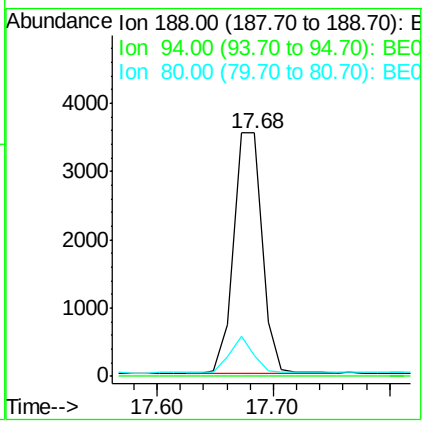


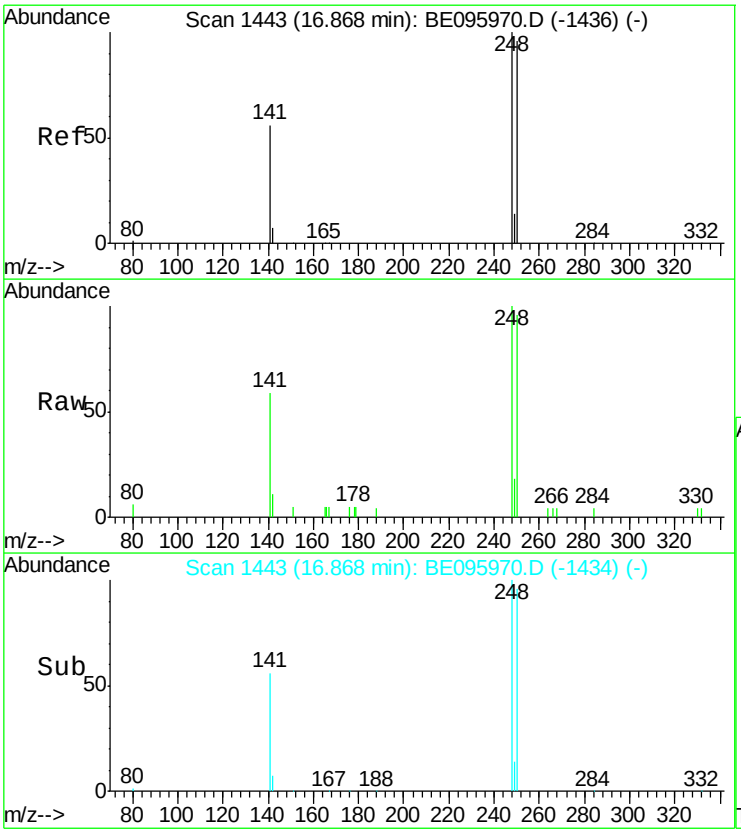
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.68 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6044

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.5	3.6	5.4#

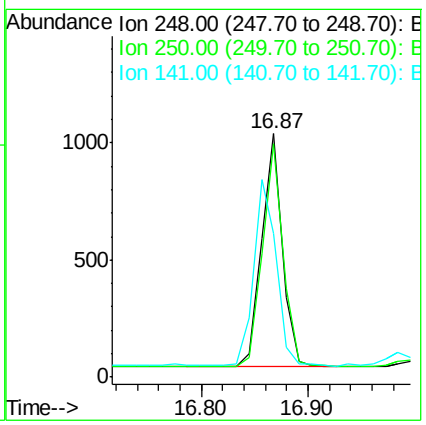


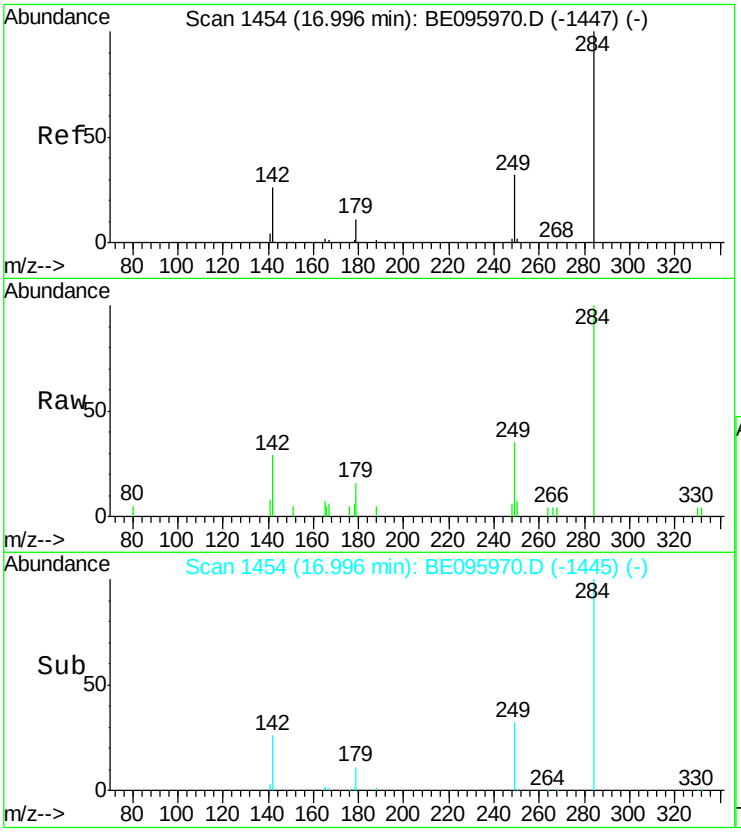


#20
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 16.87 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:248 Resp: 1350

Ion	Ratio	Lower	Upper
248	100		
250	96.1	62.7	94.1#
141	59.0	48.2	72.2



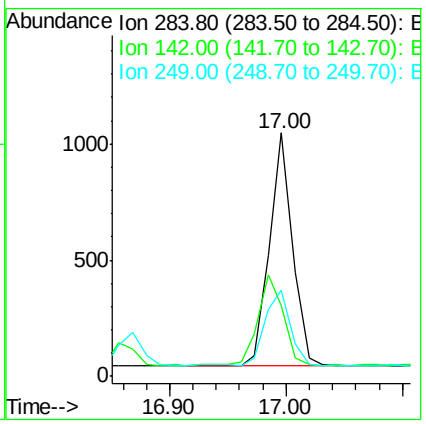


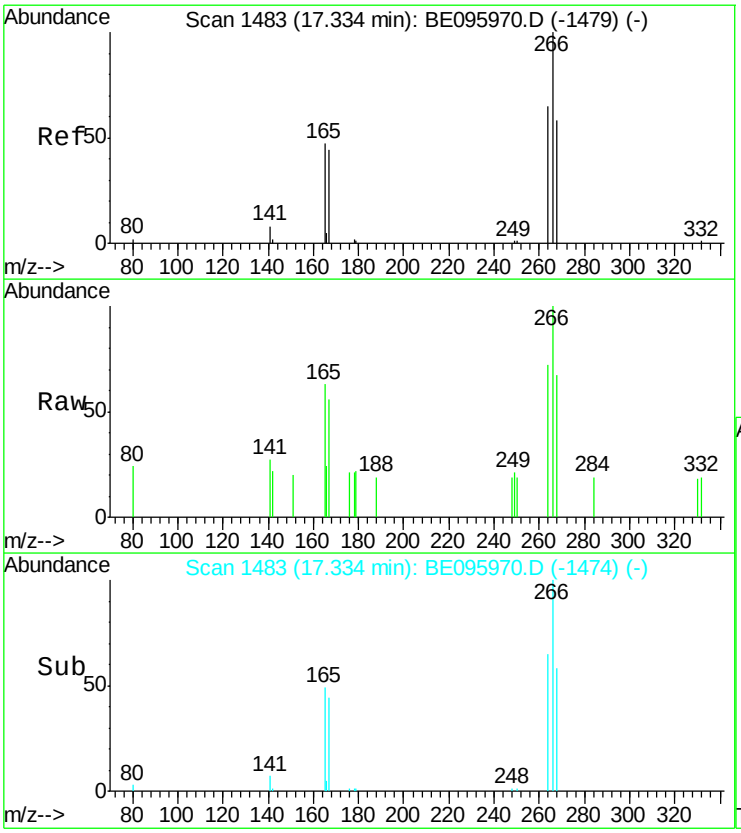
#21
Hexachlorobenzene
Concen: 0.382 ng
RT: 17.00 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1385

Ion	Ratio	Lower	Upper
284	100		
142	42.2	22.1	33.1#
249	35.3	34.8	52.2

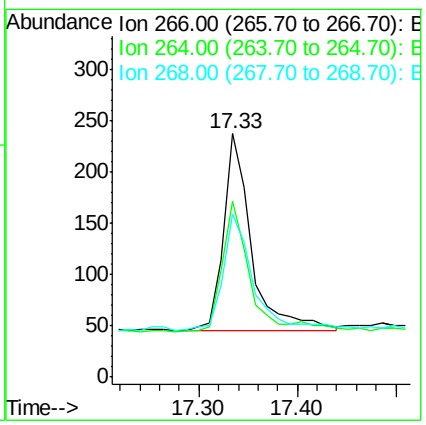


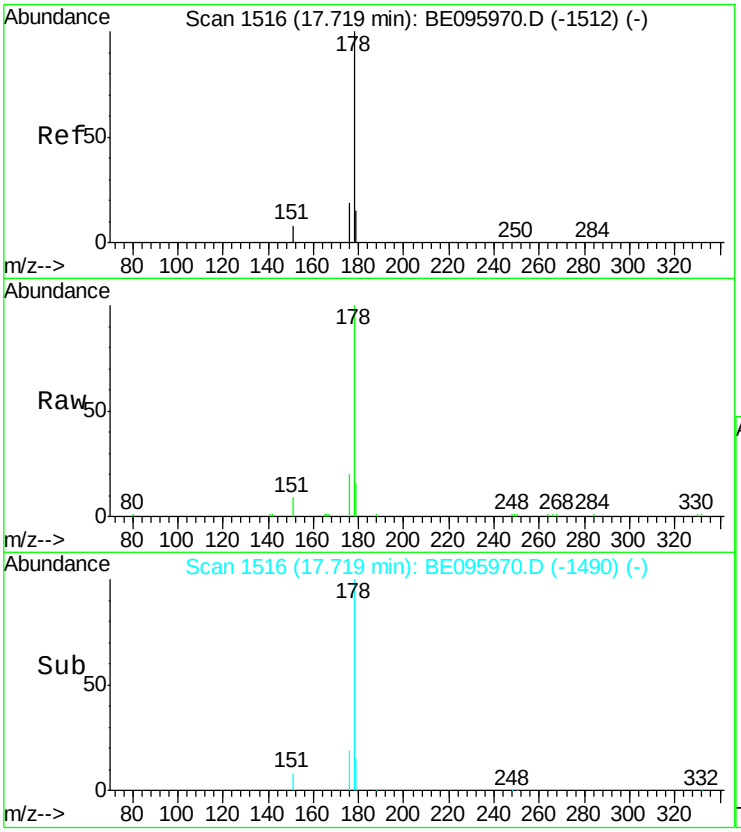


#22
Pentachlorophenol
Concen: 0.364 ng
RT: 17.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:266 Resp: 382

Ion	Ratio	Lower	Upper
266	100		
264	72.3	72.5	108.7#
268	66.8	73.8	110.6#



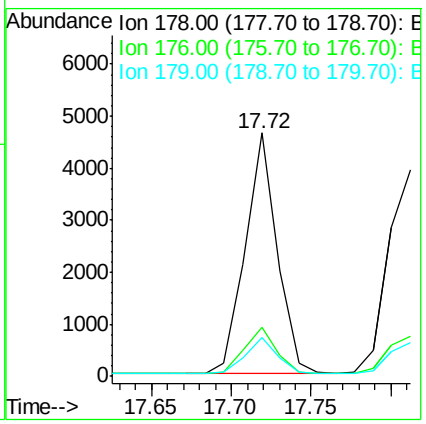


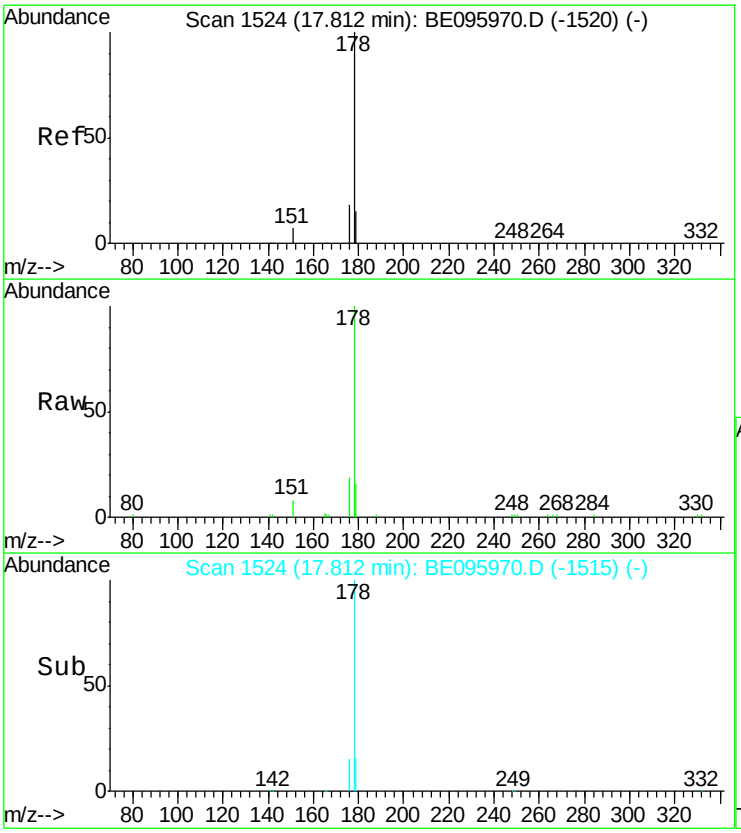
#23
Phenanthrene
Concen: 0.354 ng
RT: 17.72 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6411

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	14.8	11.8	17.6

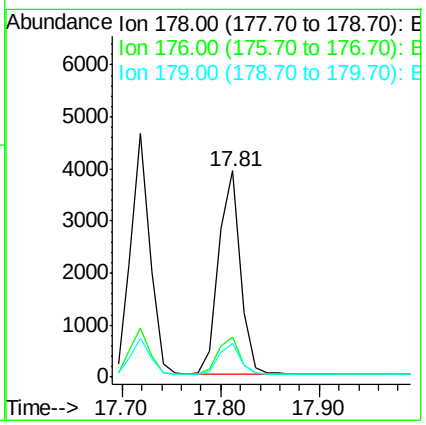


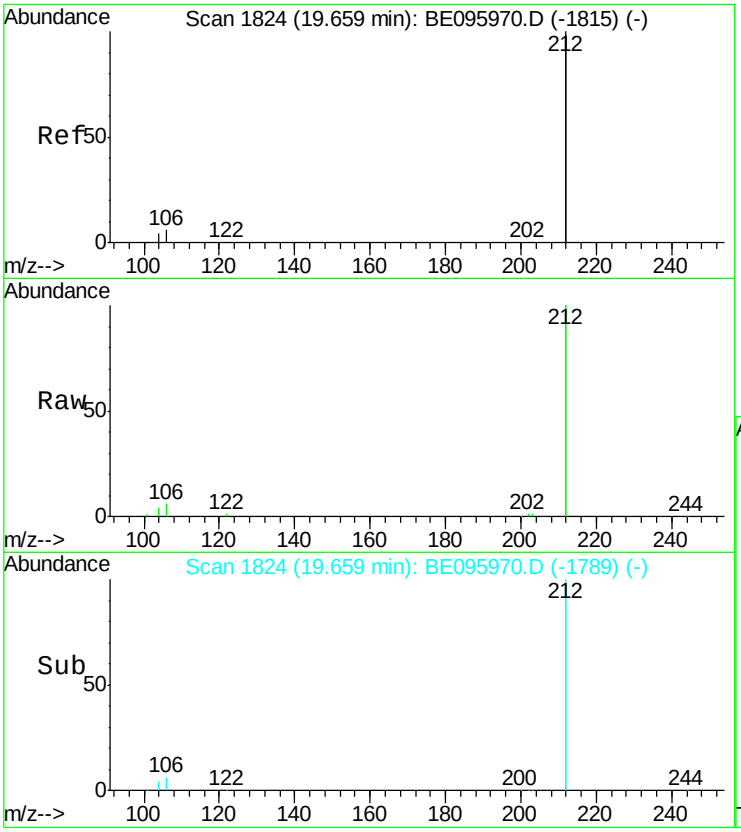


#24
Anthracene
Concen: 0.330 ng
RT: 17.81 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:178 Resp: 5971

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	15.3	13.0	19.6



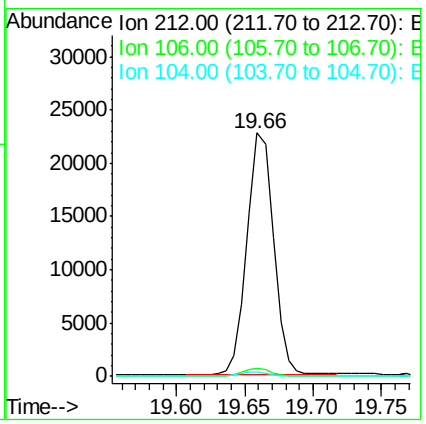


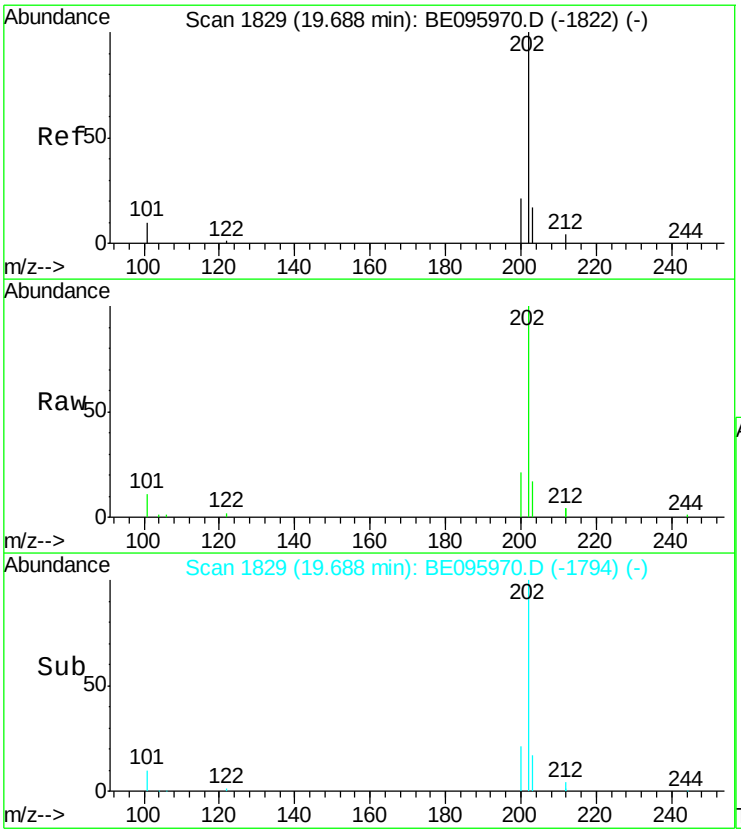
#25
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.66 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30310

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

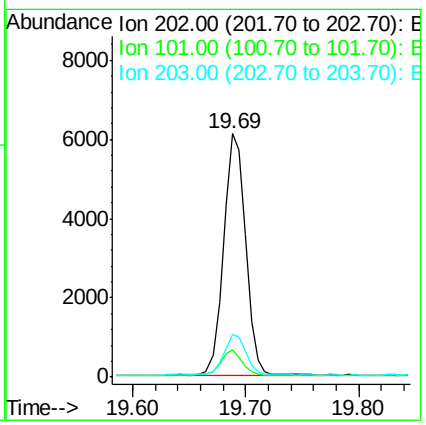


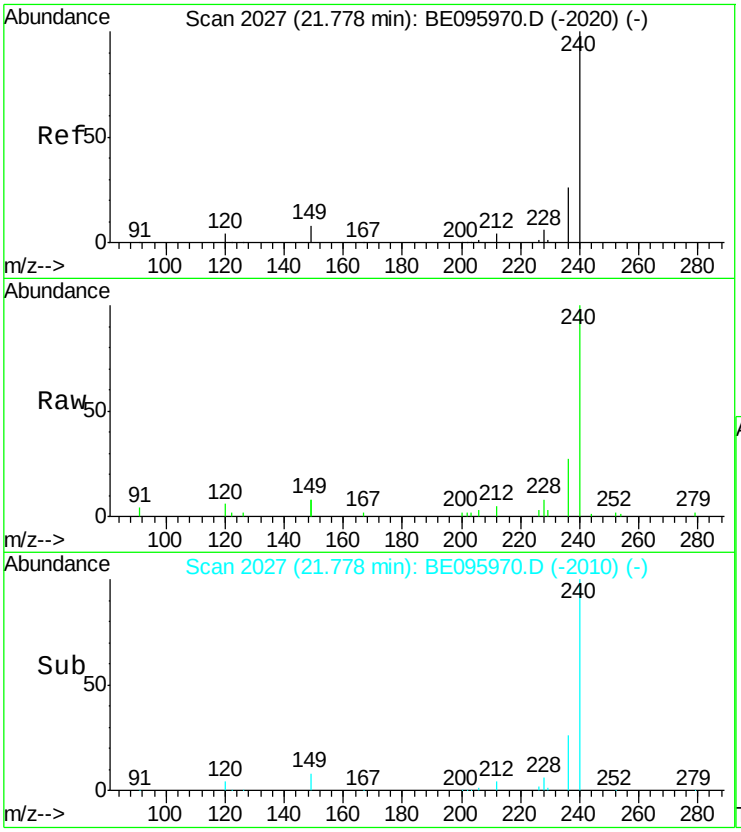


#26
Fluoranthene
Concen: 0.329 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:202 Resp: 8272

Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.8	14.8
203	16.5	13.7	20.5



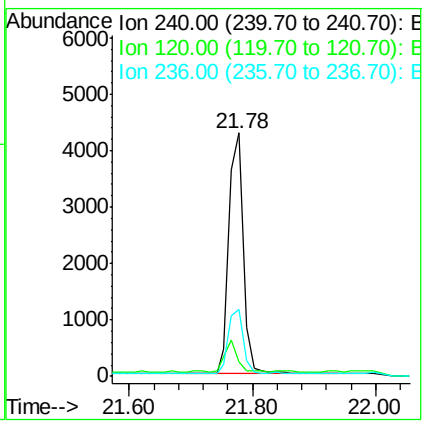


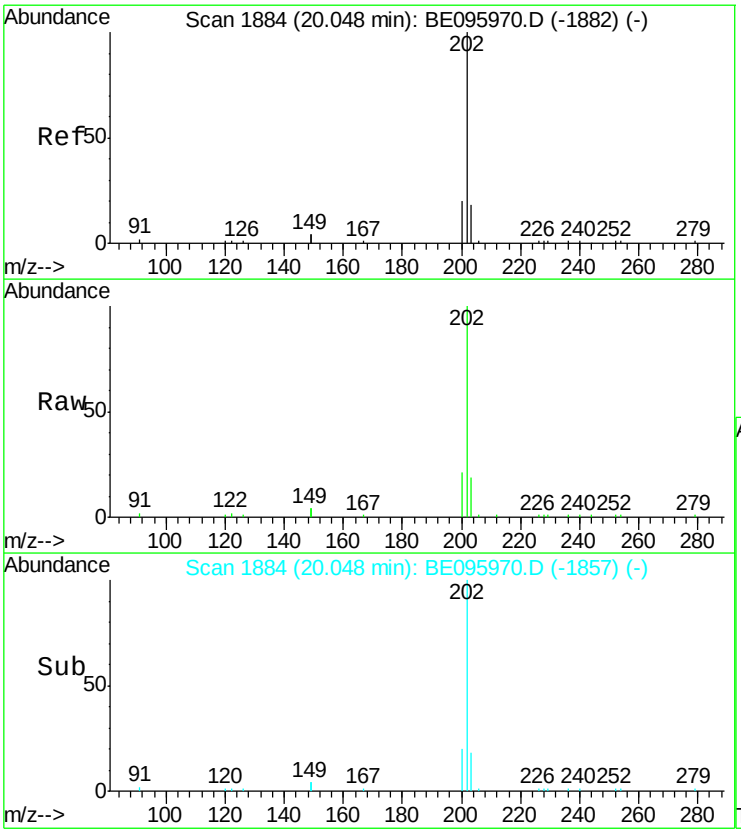
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6809

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.5	8.3
236	27.4	20.7	31.1

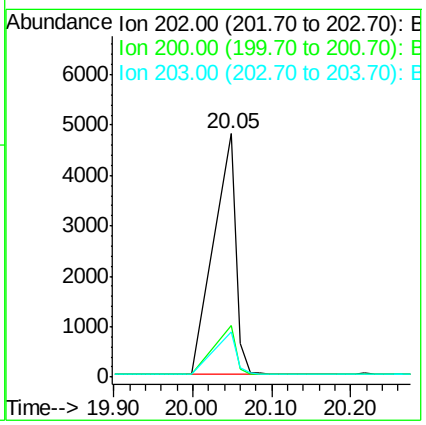


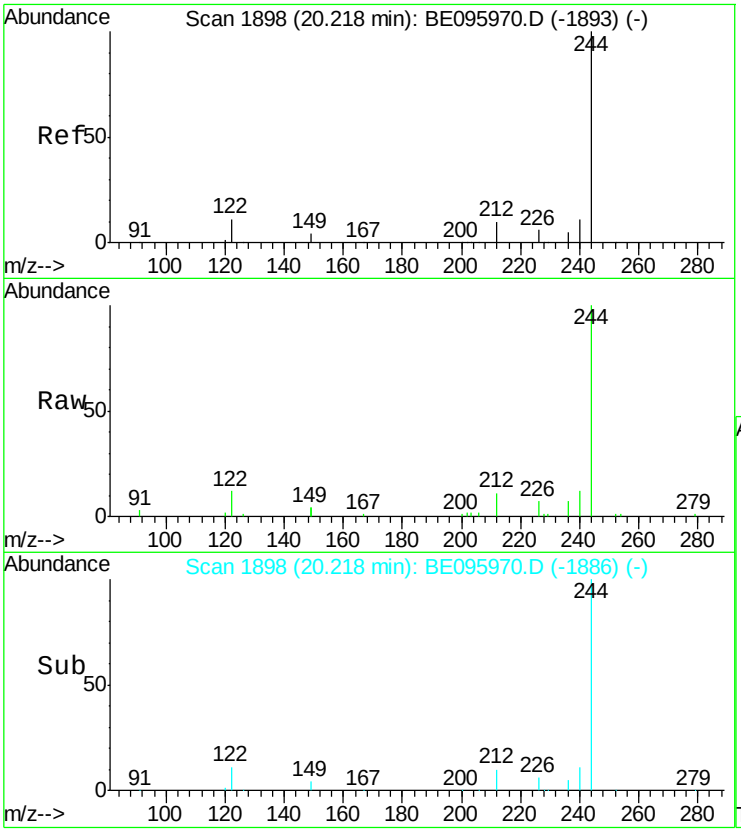


#28
Pyrene
Concen: 0.174 ng
RT: 20.05 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:202 Resp: 4831

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.6	25.0
203	18.6	13.8	20.8



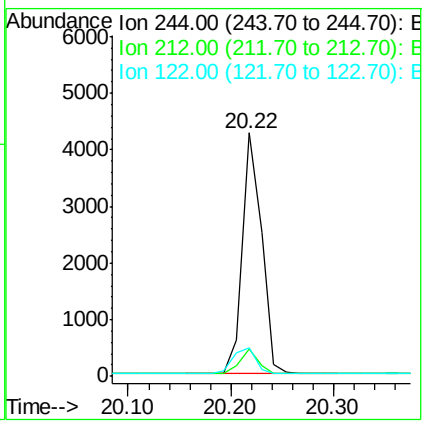


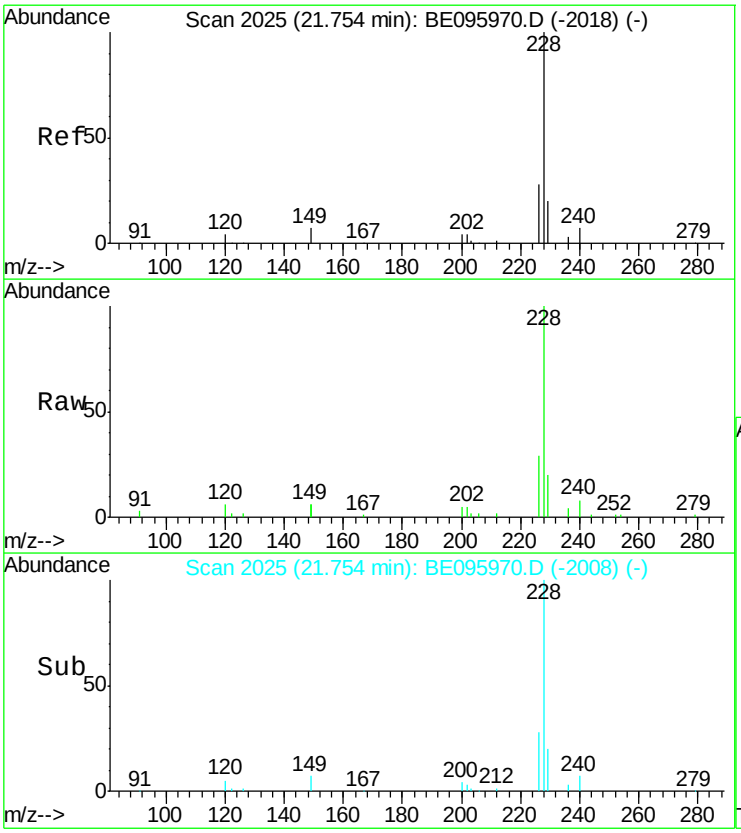
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 20.22 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5508

Ion	Ratio	Lower	Upper
244	100		
212	11.2	25.4	38.0#
122	11.9	8.1	12.1

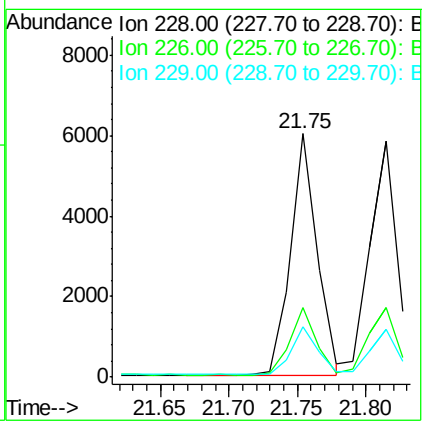


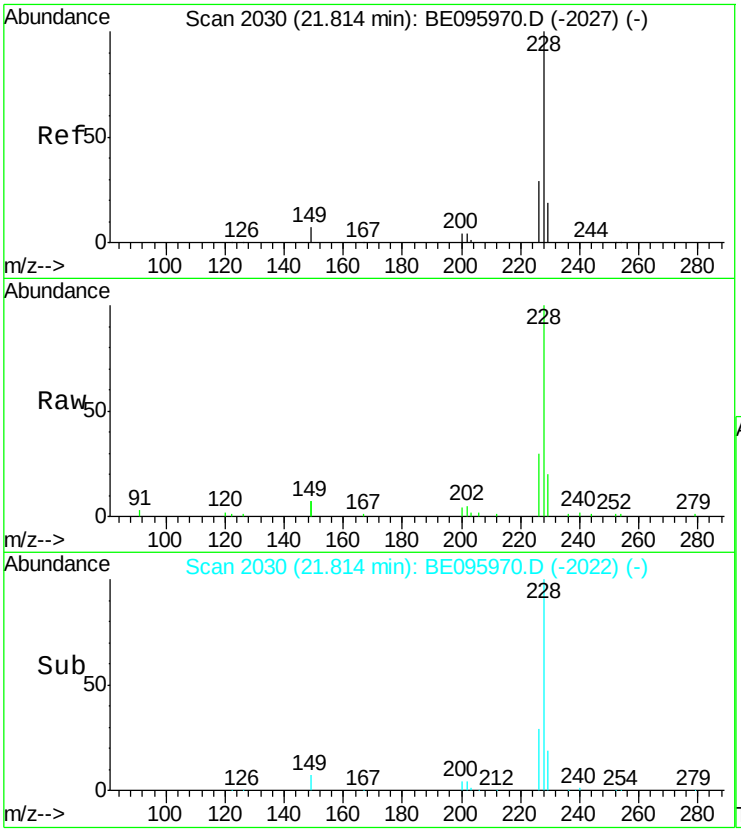


#30
Benzo(a)anthracene
Concen: 0.339 ng
RT: 21.75 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:228 Resp: 8015

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	20.5	16.0	24.0



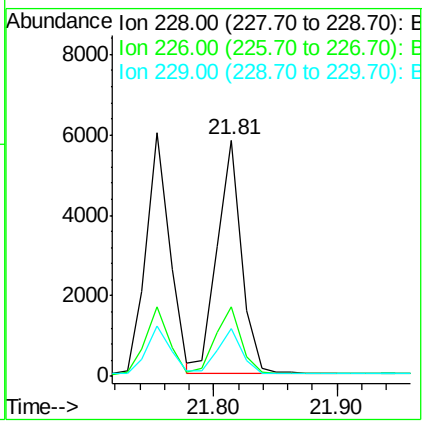


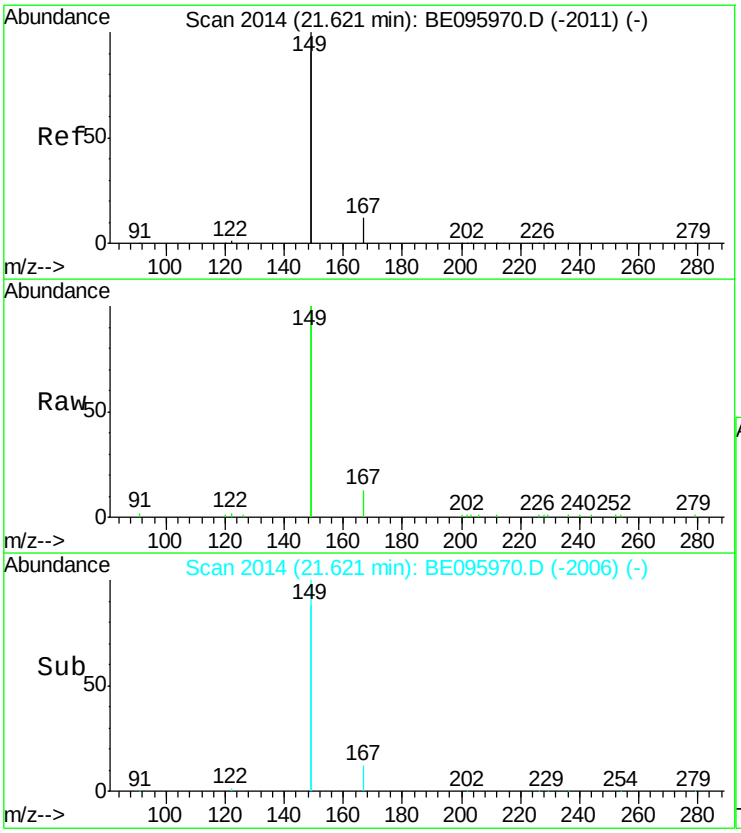
#31
Chrysene
Concen: 0.372 ng
RT: 21.81 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8012

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	20.1	16.0	24.0

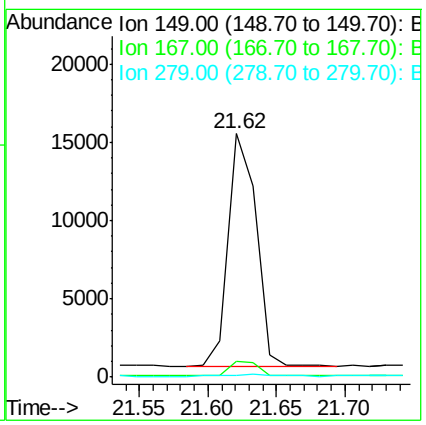


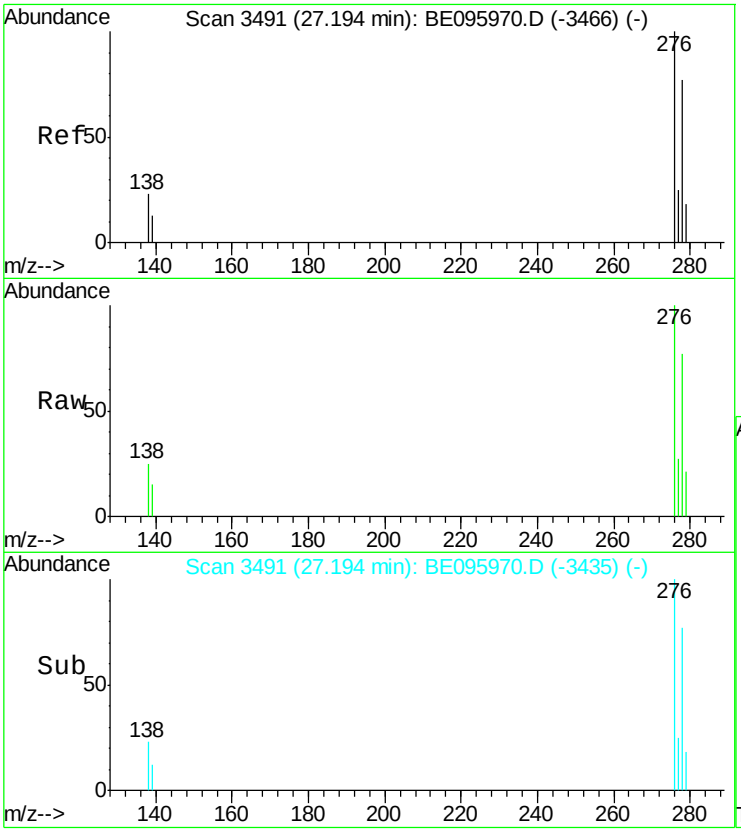


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.291 ng
RT: 21.62 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:149 Resp: 20998

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



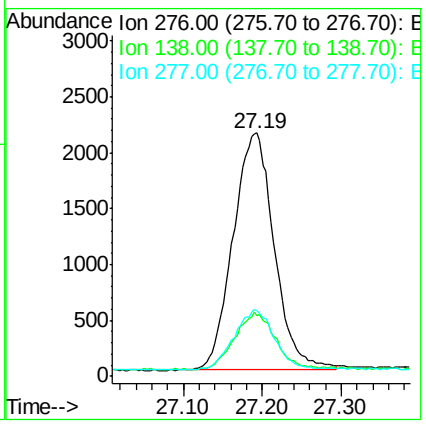


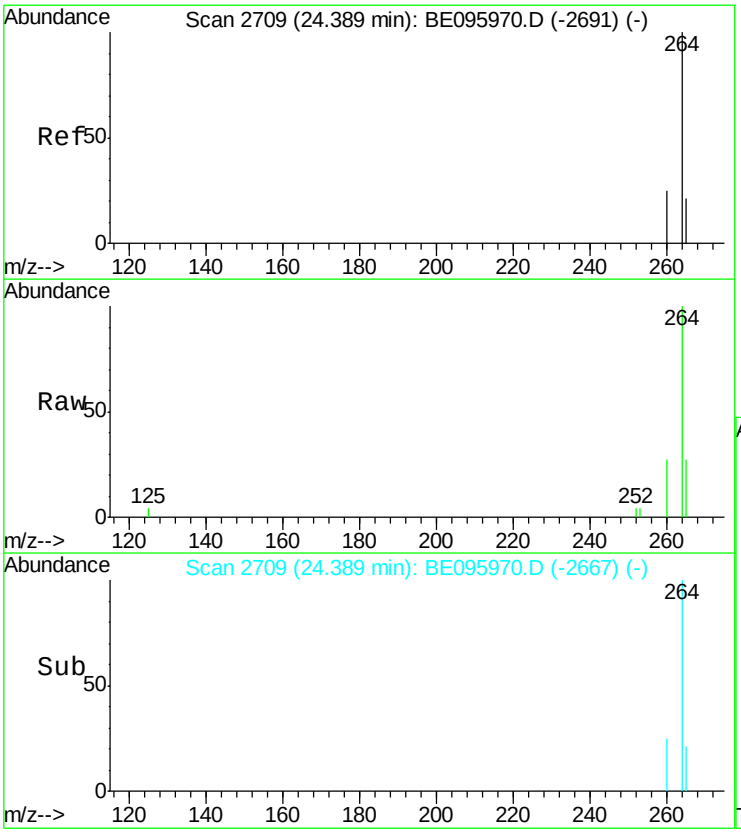
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng
RT: 27.19 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7705

Ion	Ratio	Lower	Upper
276	100		
138	23.0	22.5	33.7
277	24.9	19.9	29.9

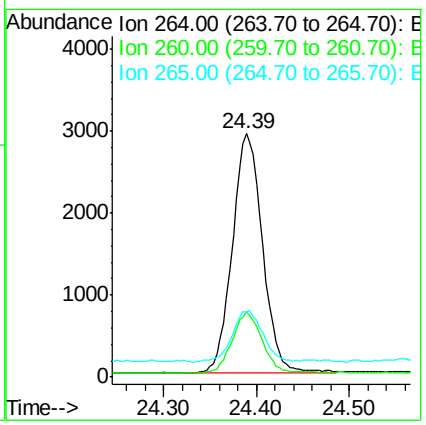


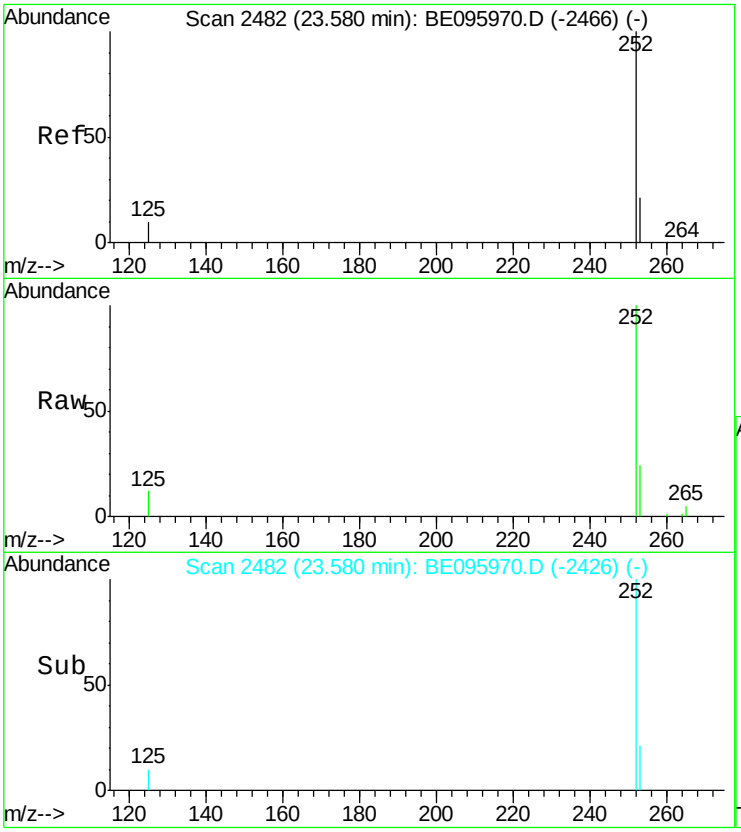


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.39 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:264 Resp: 6555

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.5	30.7
265	26.7	22.8	34.2



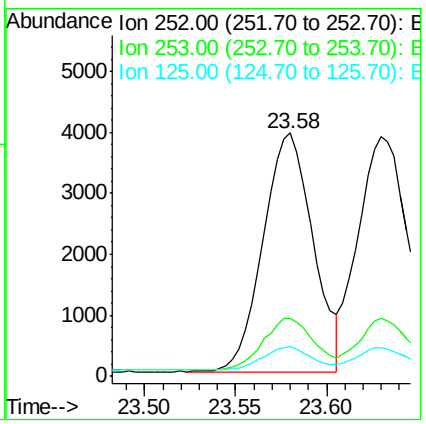


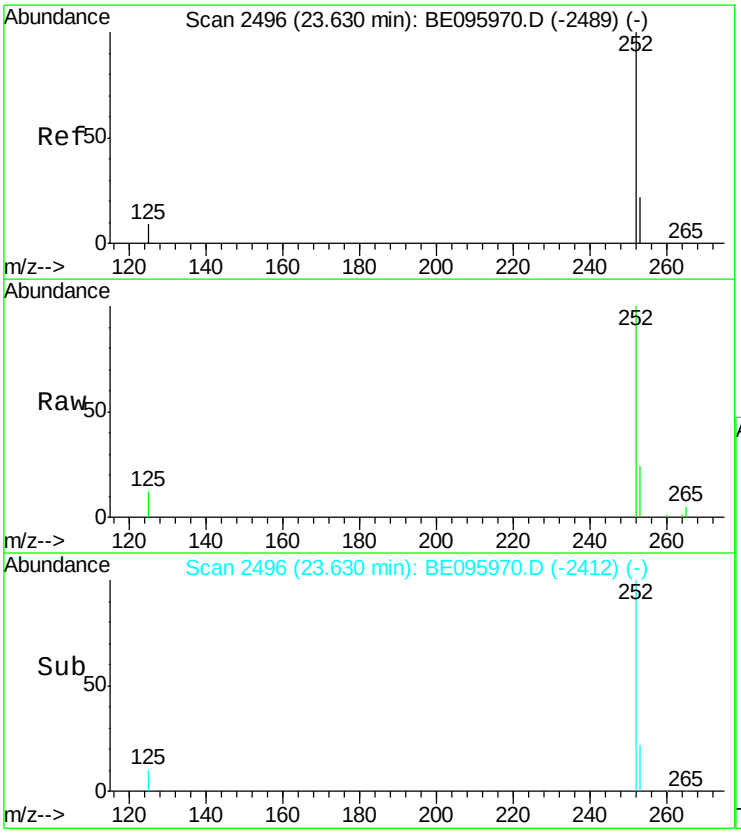
#35
Benzo(b)fluoranthene
Concen: 0.344 ng
RT: 23.58 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7464

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.0	30.0
125	12.2	16.0	24.0#

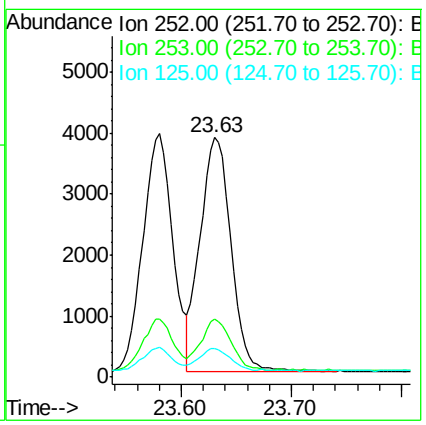


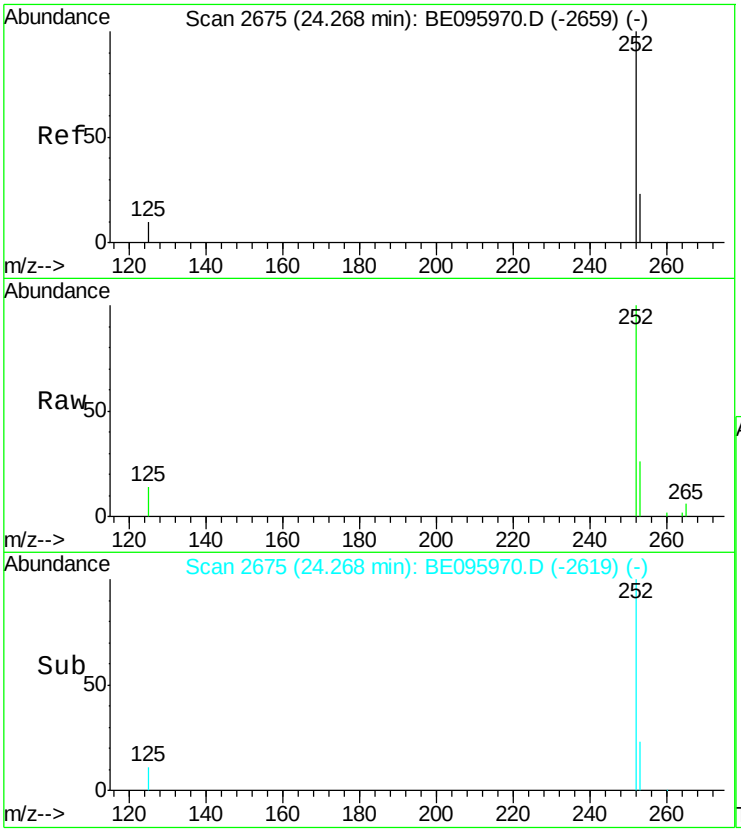


#36
Benzo(k)fluoranthene
Concen: 0.348 ng
RT: 23.63 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:252 Resp: 7551

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.0	24.0#
125	12.1	8.0	12.0#



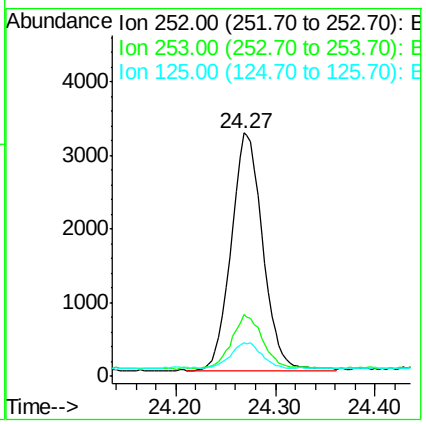


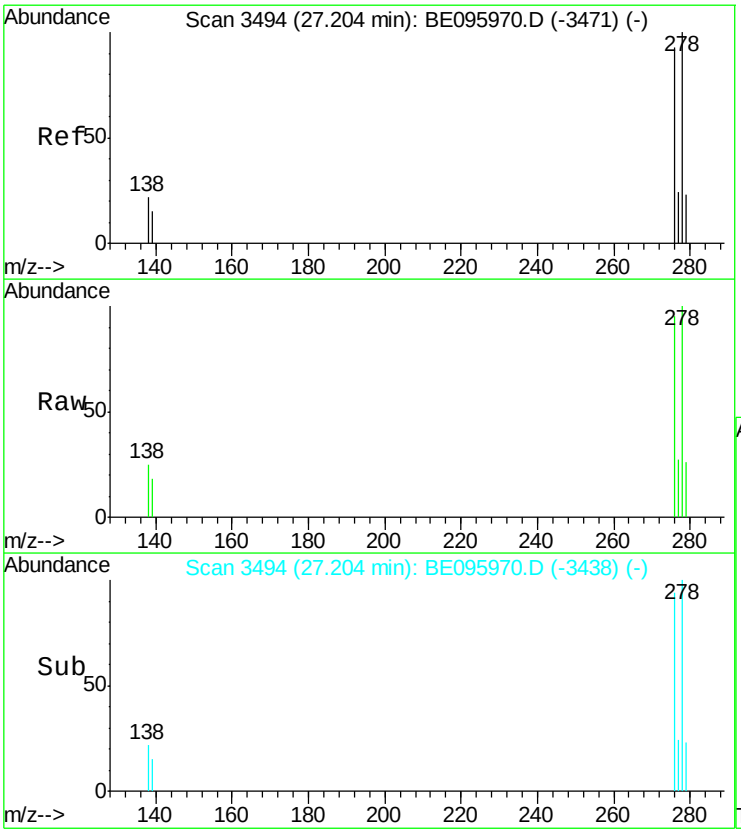
#37
Benzo(a)pyrene
Concen: 0.349 ng
RT: 24.27 min Scan# 2675
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7091

Ion	Ratio	Lower	Upper
252	100		
253	25.6	16.0	24.0#
125	13.8	12.0	18.0

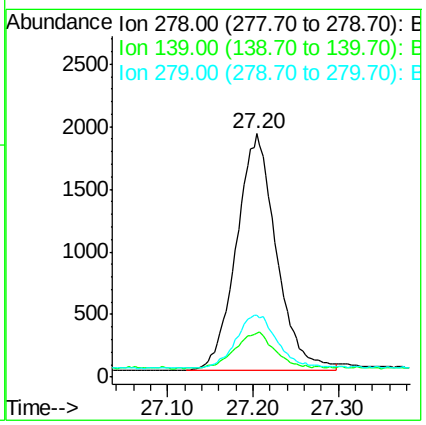


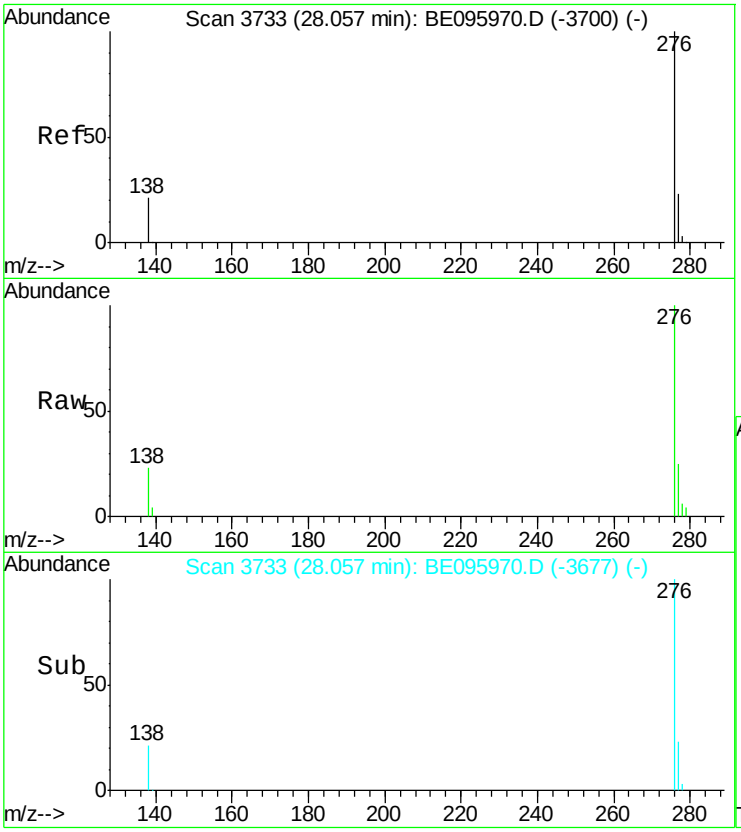


#38
Dibenzo(a,h)anthracene
Concen: 0.318 ng
RT: 27.20 min Scan# 3494
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Tgt Ion:278 Resp: 6132

Ion	Ratio	Lower	Upper
278	100		
139	18.3	16.0	24.0
279	25.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.344 ng
RT: 28.06 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BE095970.D
Acq: 11 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6665

Ion	Ratio	Lower	Upper
276	100		
277	25.3	16.0	24.0#
138	23.5	20.0	30.0