Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE040218\
Data File : BE095927.D
Acq On : 2 Apr 2018 14:57
Operator : SJ/JU
Sample : J2116-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SY-3D-20180327MSD

Quant Time: Apr 03 03:50:17 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	860	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	3315	0.40	ng		0.00
13) Acenaphthene-d10	14.99	164	1887	0.40	ng		-0.01
19) Phenanthrene-d10	17.70	188	4241	0.40	ng		-0.01
27) Chrysene-d12	21.79	240	4743	0.40	ng		-0.01
34) Perylene-d12	24.42	264	4795	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.91	112	639	0.23	ng		0.00
5) Phenol-d6	7.56	99	595	0.15	ng		0.00
8) Nitrobenzene-d5	9.59	82	2203	0.56	ng		0.00
11) 2-Methylnaphthalene-d10	12.79	152	3021	0.55	ng		-0.01
14) 2,4,6-Tribromophenol	16.46	330	571	0.52	ng		-0.01
15) 2-Fluorobiphenyl	13.63	172	5089	0.64	ng		-0.01
25) Fluoranthene-d10	19.68	212	33155	0.53	ng		0.00
29) Terphenyl-d14	20.24	244	6755	0.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	987	0.701	ng	#	81
3) n-Nitrosodimethylamine	3.98	42	365	0.177	ng	#	80
6) bis(2-Chloroethyl)ether	7.81	93	1684	0.501	ng		94
9) Naphthalene	11.30	128	20501	0.541	ng		99
10) Hexachlorobutadiene	11.55	225	1168	0.449	ng		95
12) 2-Methylnaphthalene	12.86	142	3681	0.569	ng		98
16) Acenaphthylene	14.73	152	5580	0.517	ng		98
17) Acenaphthene	15.06	154	3279	0.498	ng		94
18) Fluorene	16.02	166	4397	0.508	ng	#	78
20) 4-Bromophenyl-phenylether	16.89	248	1438	0.564	ng	#	81
21) Hexachlorobenzene	17.02	284	1369	0.538	ng	#	80
22) Pentachlorophenol	17.36	266	1024	1.196	ng	#	75
23) Phenanthrene	17.74	178	7164	0.564	ng		98
24) Anthracene	17.82	178	7318	0.576	ng	#	95
26) Fluoranthene	19.71	202	9252	0.525	ng		97
28) Pyrene	20.06	202	9673	0.501	ng	#	90
30) Benzo(a)anthracene	21.78	228	9070	0.551	ng		97
31) Chrysene	21.83	228	8527	0.568	ng		94
32) Bis(2-ethylhexyl)phthalate	21.64	149	28667	0.570	ng		100
33) Indeno(1,2,3-cd)pyrene	27.23	276	9633	0.596	ng		95
35) Benzo(b)fluoranthene	23.61	252	8820	0.556	ng	#	94
36) Benzo(k)fluoranthene	23.66	252	8572	0.540	ng	#	91
37) Benzo(a)pyrene	24.30	252	8435	0.567	ng	#	94
38) Dibenzo(a,h)anthracene	27.24	278	7915	0.560	ng		97
39) Benzo(g,h,i)perylene	28.11	276	8158	0.575	ng	#	90

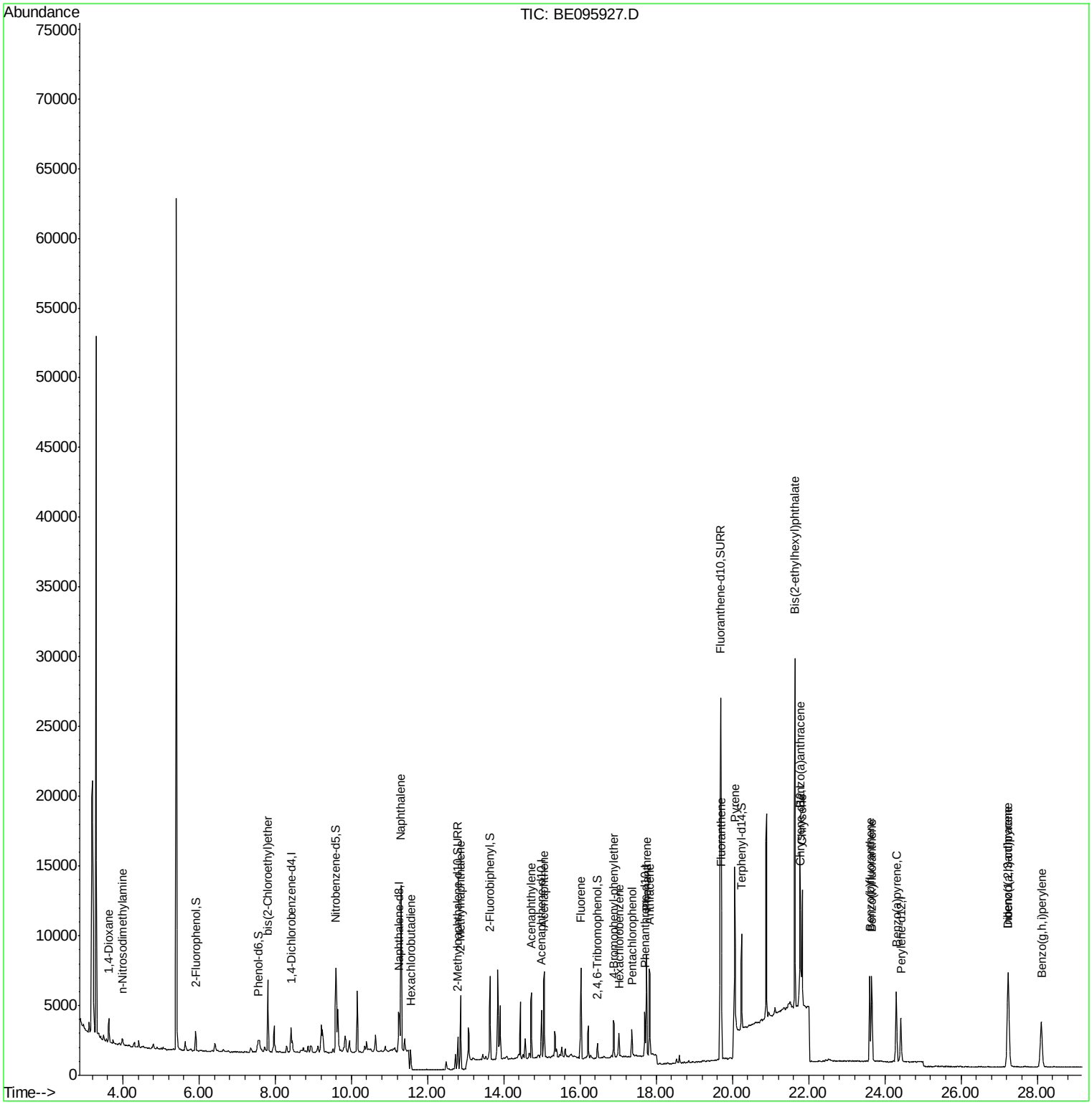
(#) = qualifier out of range (m) = manual integration (+) = signals summed

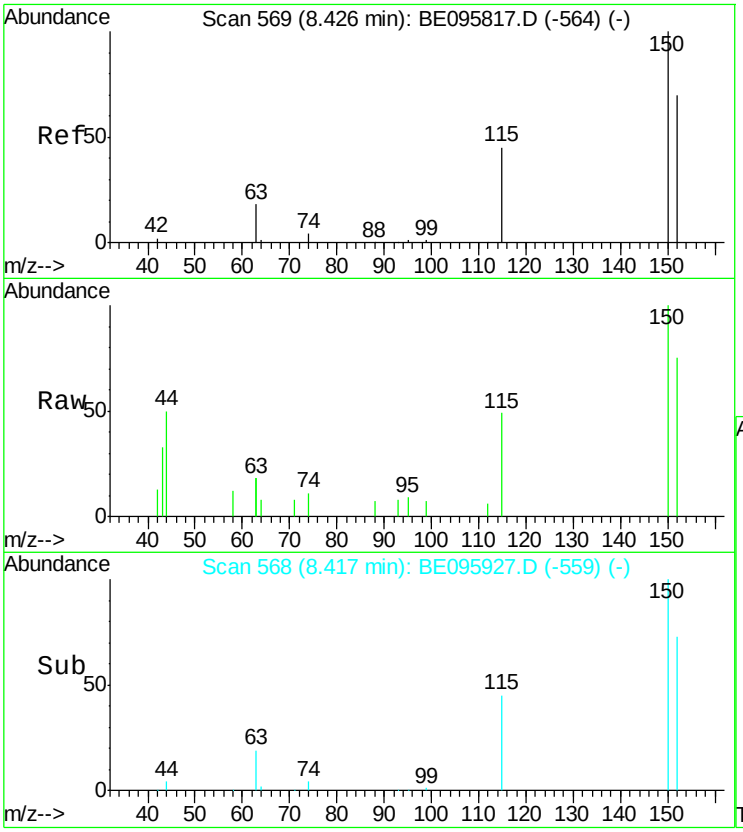
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE040218\
Data File : BE095927.D
Acq On : 2 Apr 2018 14:57
Operator : SJ/JU
Sample : J2116-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Quant Time: Apr 03 03:50:17 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration



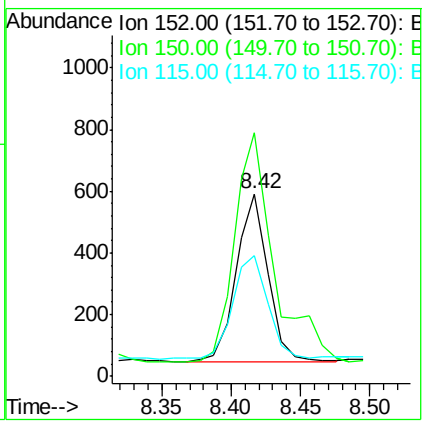


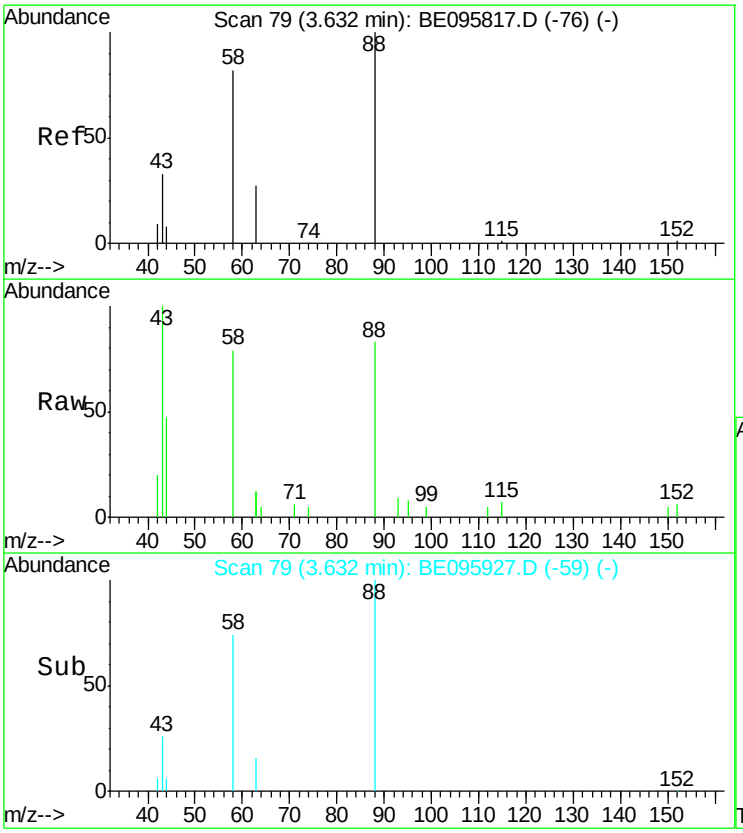
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:152 Resp: 860

Ion	Ratio	Lower	Upper
152	100		
150	133.5	117.2	175.8
115	66.0	57.0	85.6

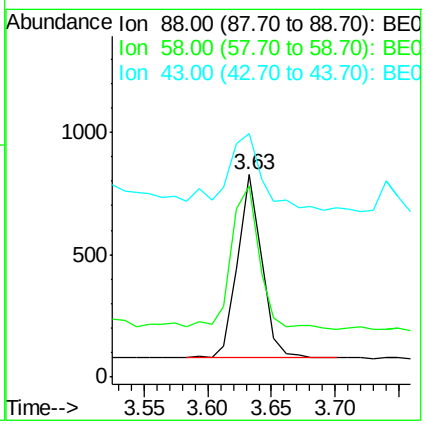


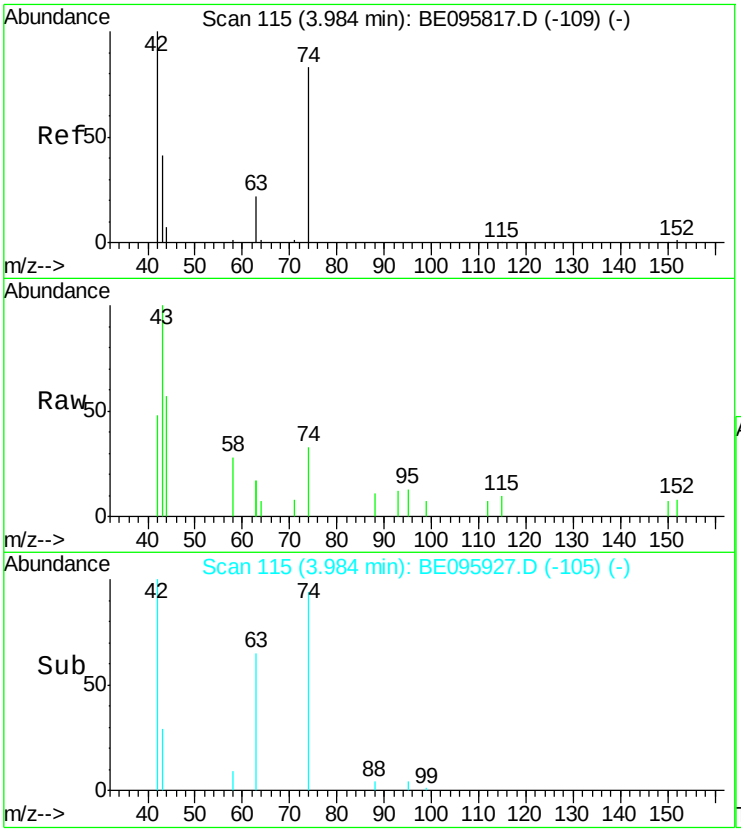


#2
1,4-Dioxane
Concen: 0.701 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion: 88 Resp: 987

Ion	Ratio	Lower	Upper
88	100		
58	92.9	63.2	94.8
43	67.9	41.2	61.8#



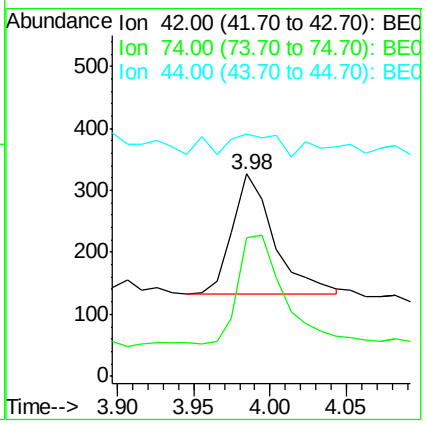


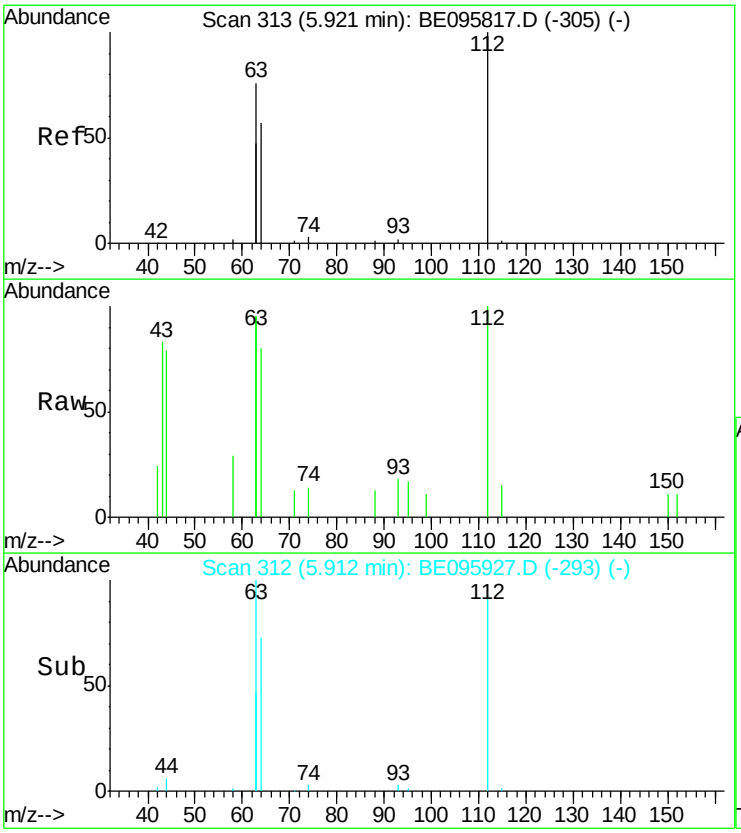
#3
n-Nitrosodimethylamine
Concen: 0.177 ng
RT: 3.98 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion: 42 Resp: 365

Ion	Ratio	Lower	Upper
42	100		
74	98.4	96.0	144.0
44	26.8	12.0	18.0#

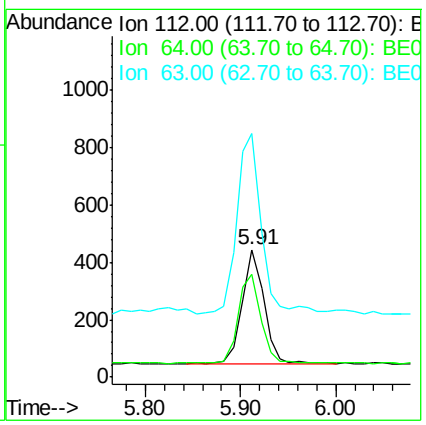


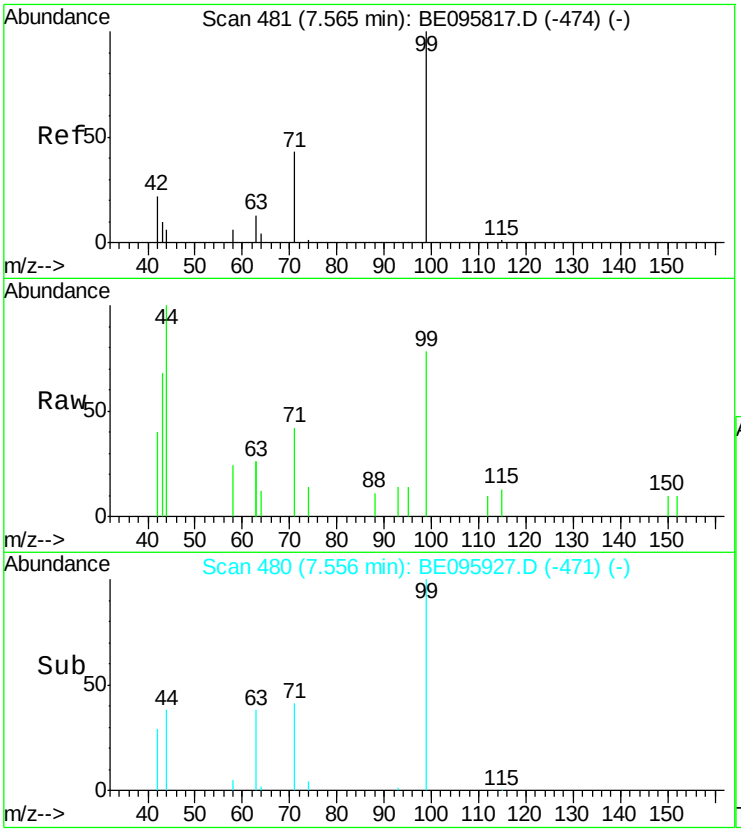


#4
2-Fluorophenol
Concen: 0.225 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:112 Resp: 639

Ion	Ratio	Lower	Upper
112	100		
64	82.0	60.1	90.1
63	174.6	116.8	175.2



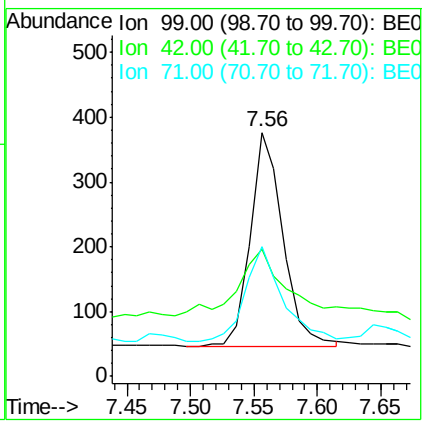


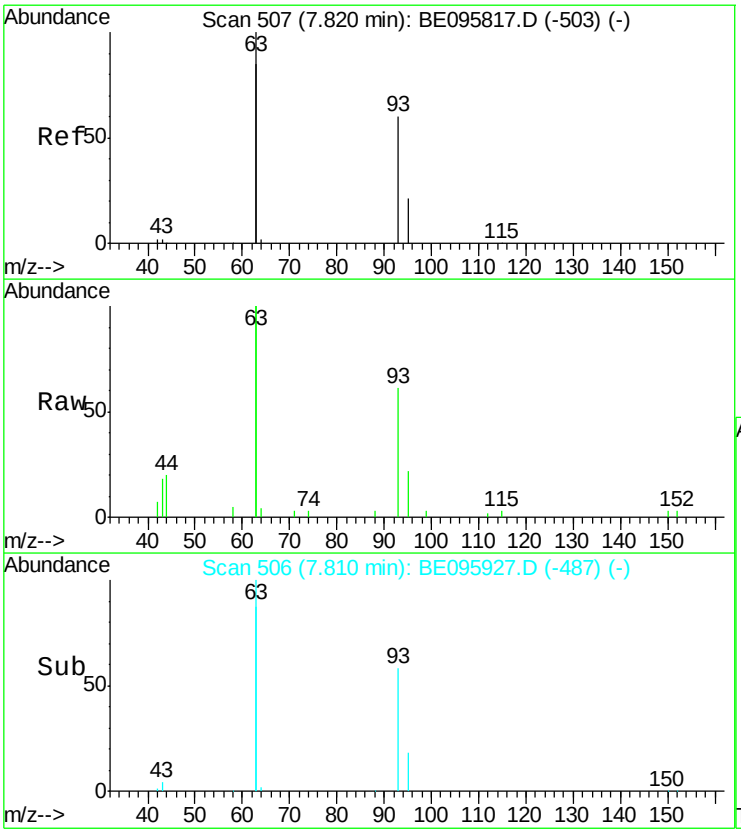
#5
Phenol-d6
Concen: 0.153 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion: 99 Resp: 595

Ion	Ratio	Lower	Upper
99	100		
42	43.9	20.2	30.2#
71	50.4	28.4	42.6#

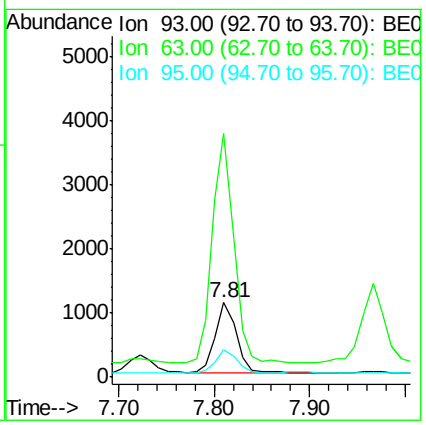


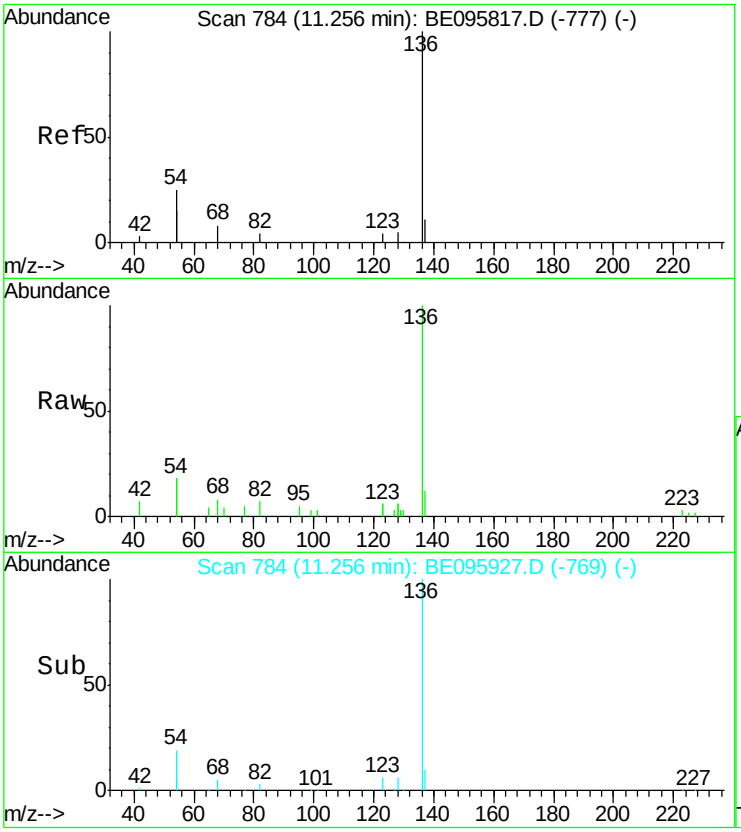


#6
bis(2-Chloroethyl)ether
Concen: 0.501 ng
RT: 7.81 min Scan# 506
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion: 93 Resp: 1684

Ion	Ratio	Lower	Upper
93	100		
63	331.6	275.3	412.9
95	33.4	25.2	37.8



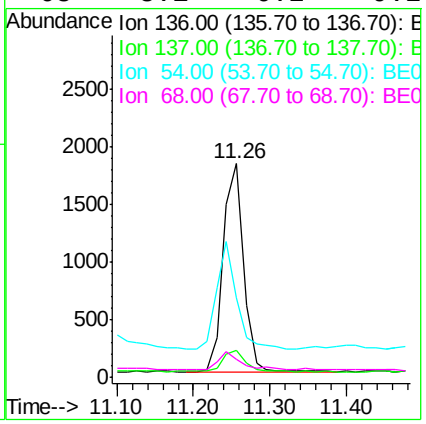


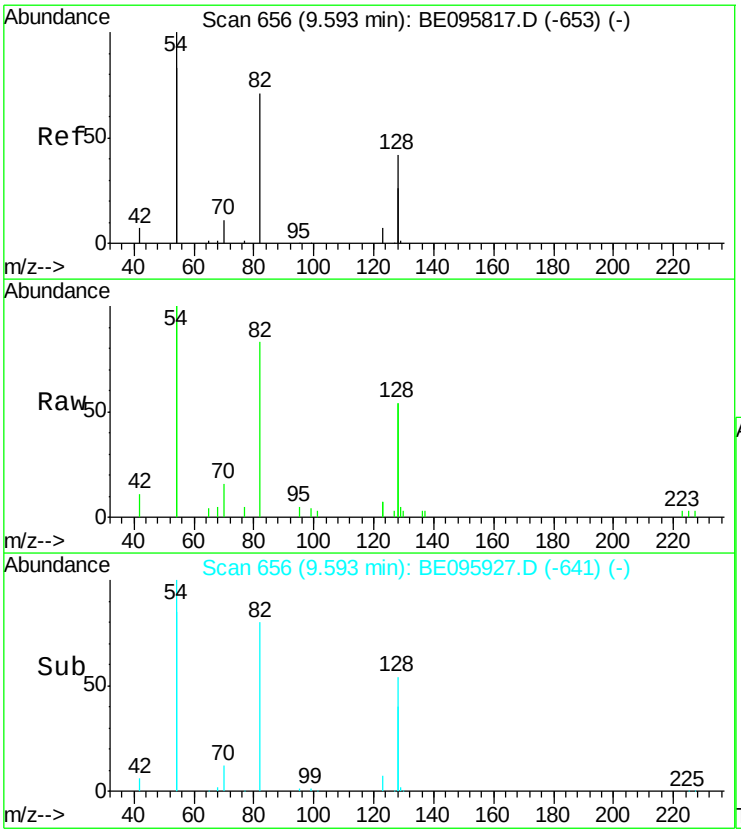
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. -0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:136 Resp: 3315

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	37.0	29.1	43.7
68	8.1	6.2	9.2

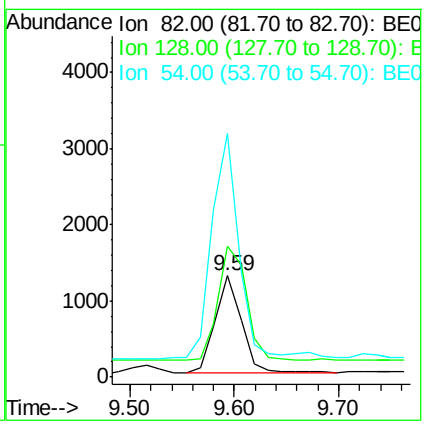


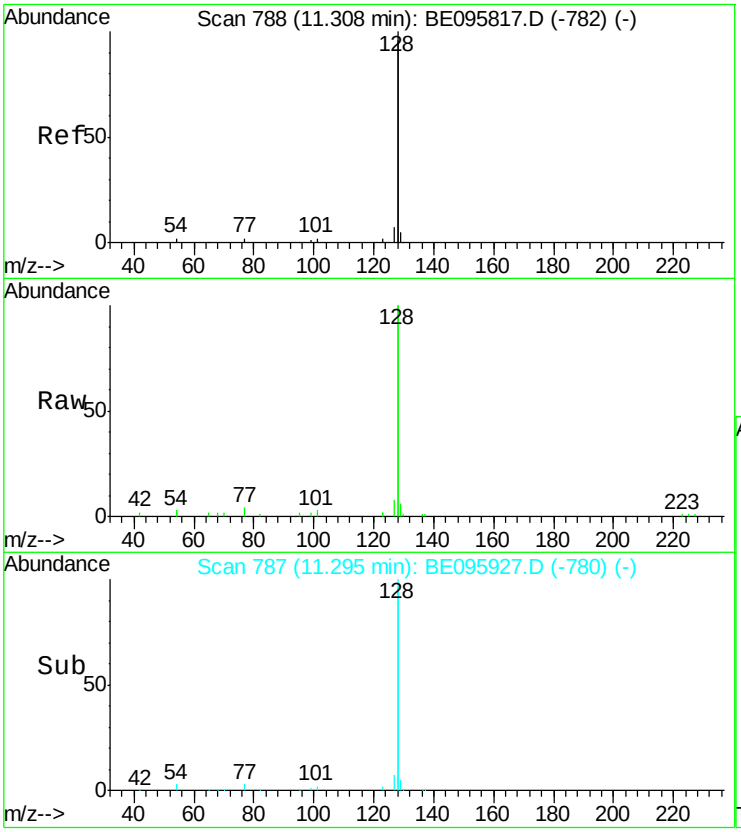


#8
Nitrobenzene-d5
Concen: 0.563 ng
RT: 9.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion: 82 Resp: 2203

Ion	Ratio	Lower	Upper
82	100		
128	128.4	150.0	225.0#
54	239.9	154.2	231.4#



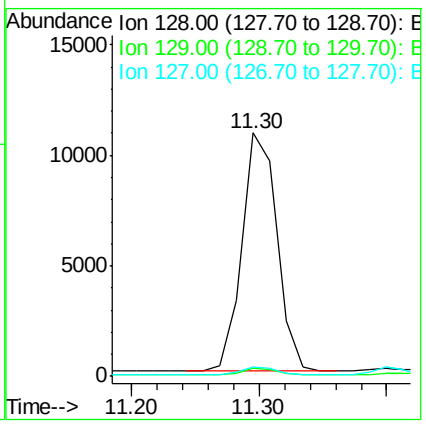


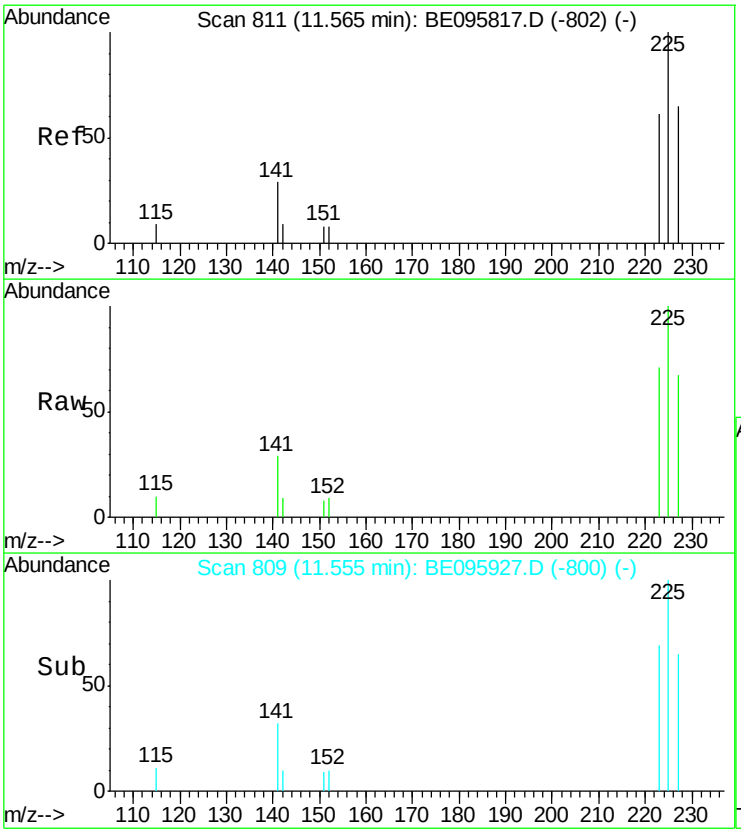
#9
Naphthalene
Concen: 0.541 ng
RT: 11.30 min Scan# 787
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:128 Resp: 20501

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	4.0	2.8	4.2

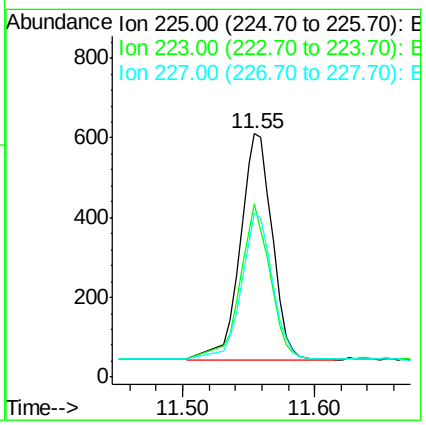


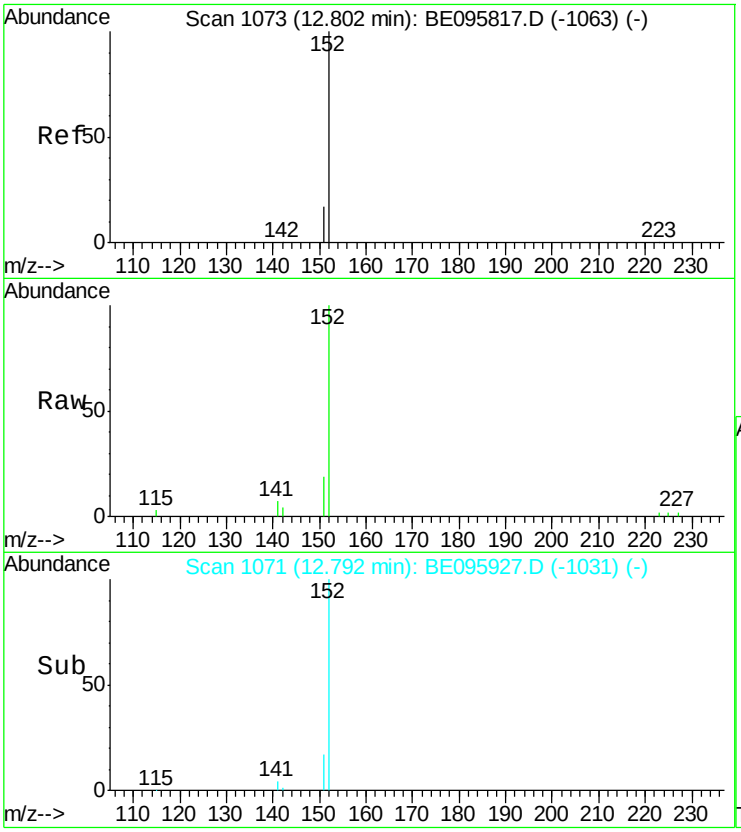


#10
Hexachlorobutadiene
Concen: 0.449 ng
RT: 11.55 min Scan# 809
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:225 Resp: 1168

Ion	Ratio	Lower	Upper
225	100		
223	68.1	53.0	79.6
227	69.8	51.4	77.2



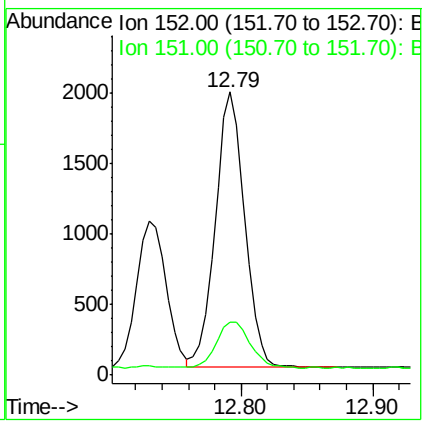


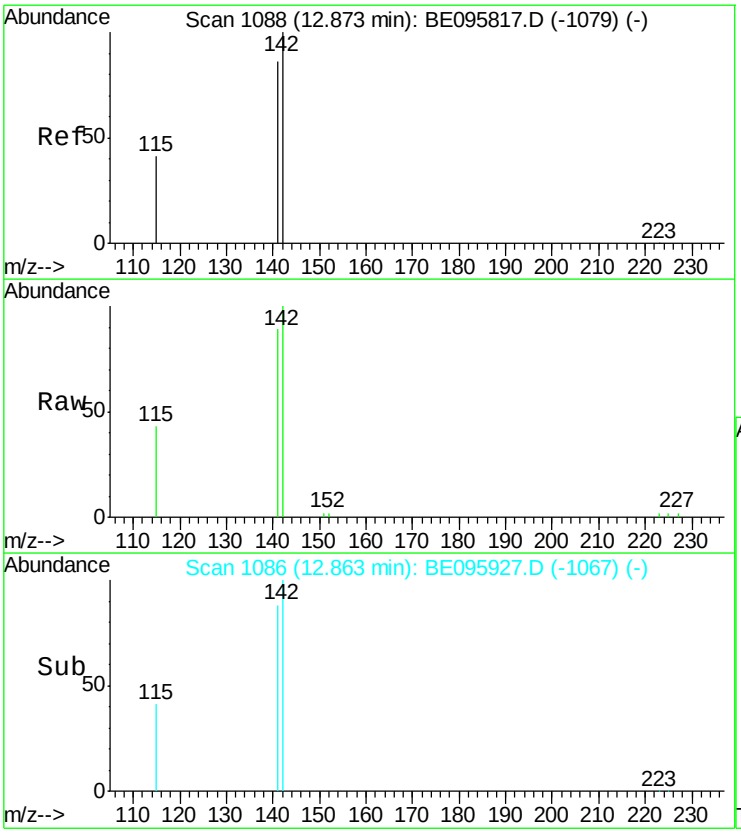
#11
2-Methylnaphthalene-d10
Concen: 0.546 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:152 Resp: 3021

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

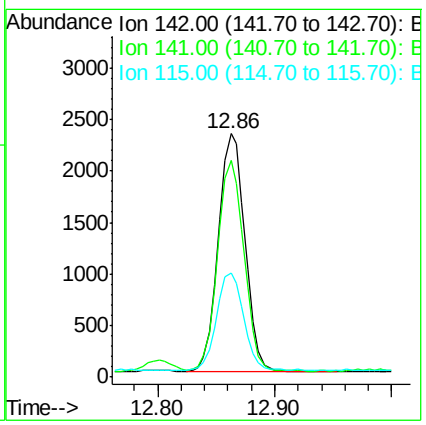


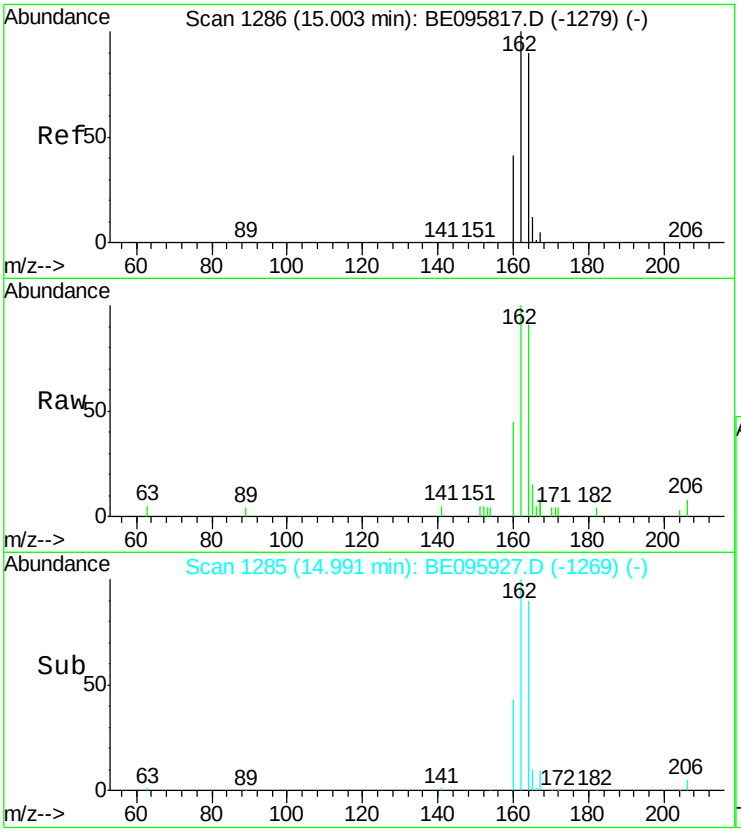


#12
2-Methylnaphthalene
Concen: 0.569 ng
RT: 12.86 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:142 Resp: 3681

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	42.7	31.7	47.5



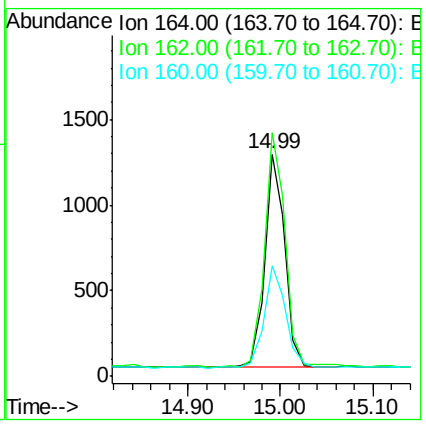


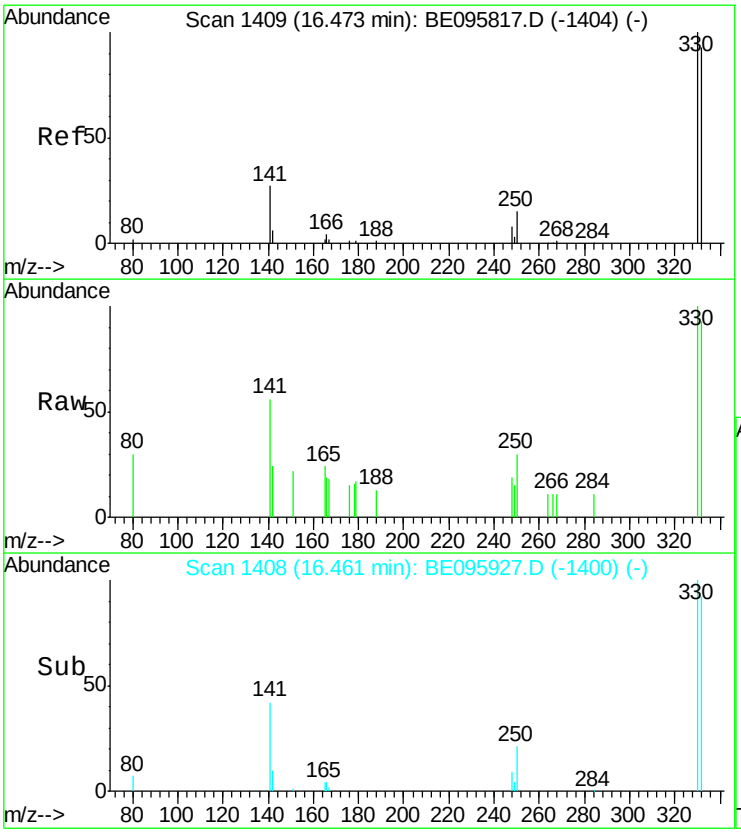
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:164 Resp: 1887

Ion	Ratio	Lower	Upper
164	100		
162	109.7	83.1	124.7
160	49.6	37.1	55.7

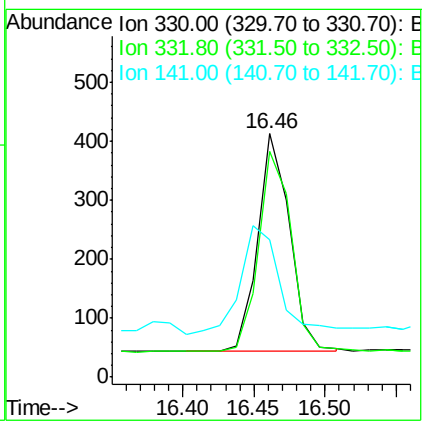


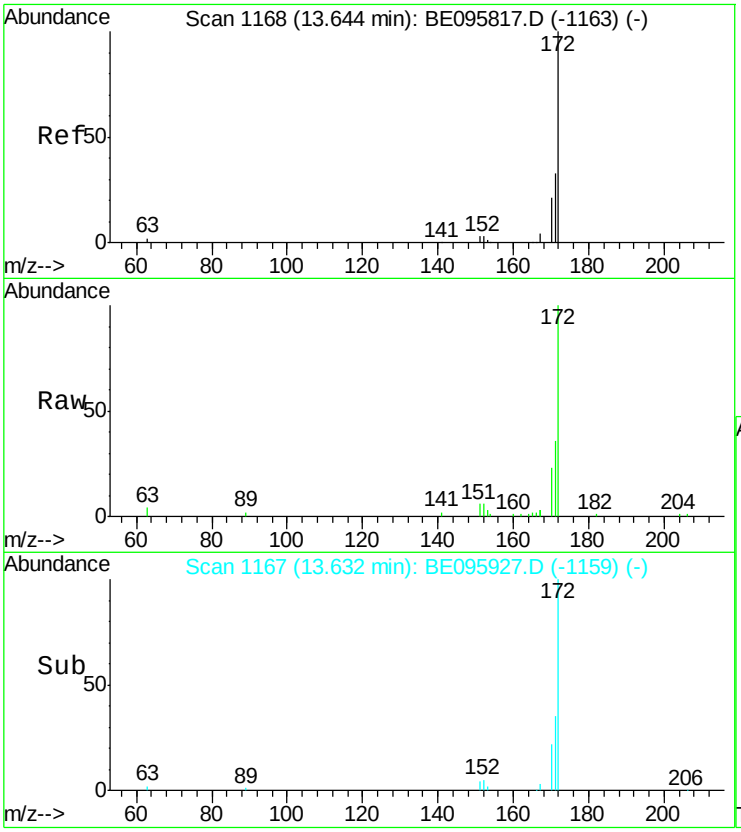


#14
2,4,6-Tribromophenol
Concen: 0.524 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:330 Resp: 571

Ion	Ratio	Lower	Upper
330	100		
332	94.2	152.7	229.1#
141	62.9	33.7	50.5#



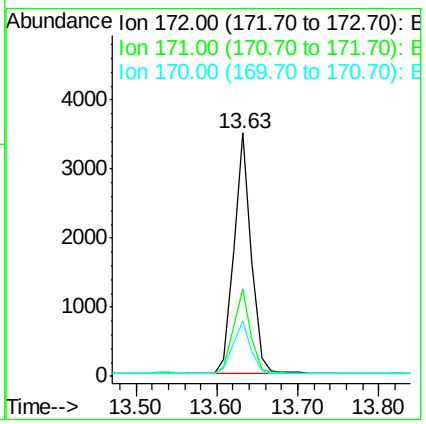


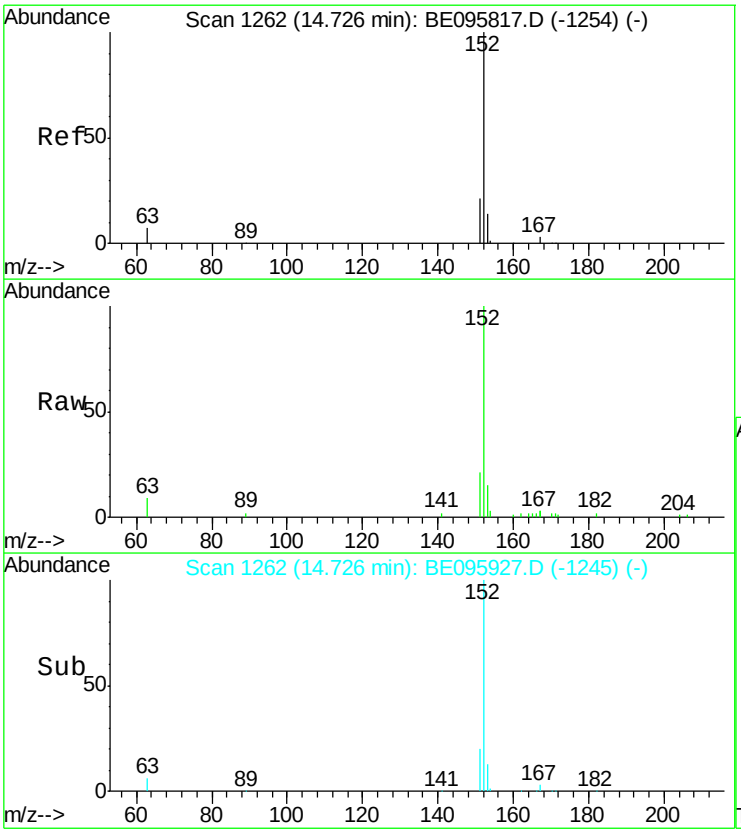
#15
2-Fluorobiphenyl
Concen: 0.640 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:172 Resp: 5089

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	23.0	21.8	32.8

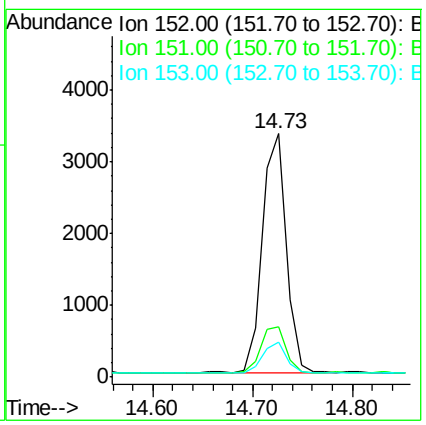


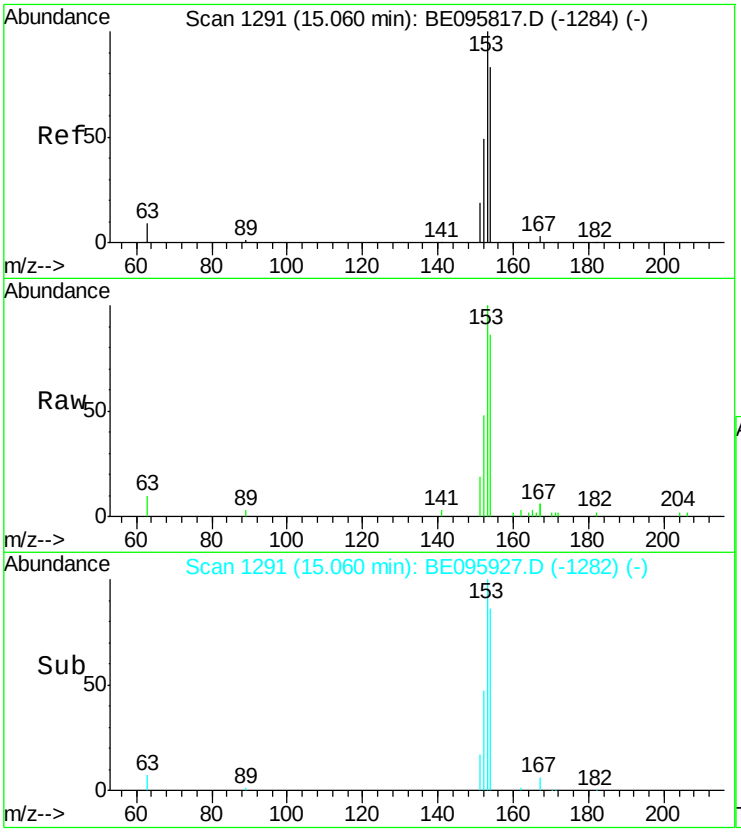


#16
Acenaphthylene
Concen: 0.517 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:152 Resp: 5580

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	12.7	10.5	15.7



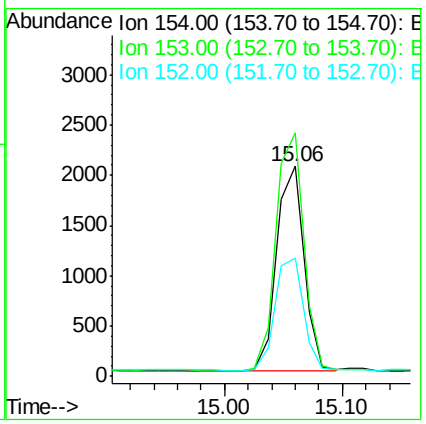


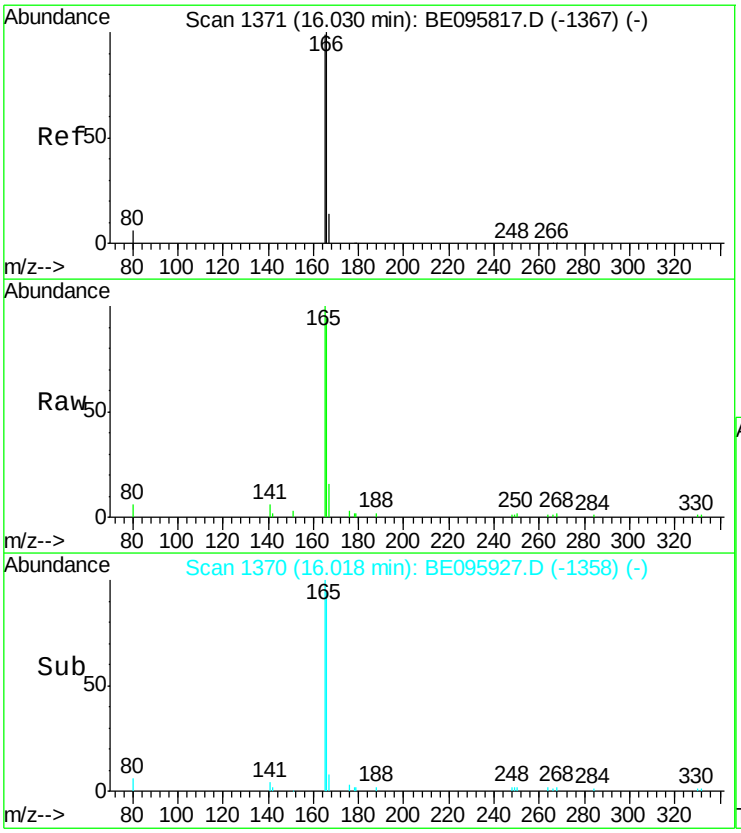
#17
Acenaphthene
Concen: 0.498 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:154 Resp: 3279

Ion	Ratio	Lower	Upper
154	100		
153	117.5	89.2	133.8
152	56.8	42.0	63.0

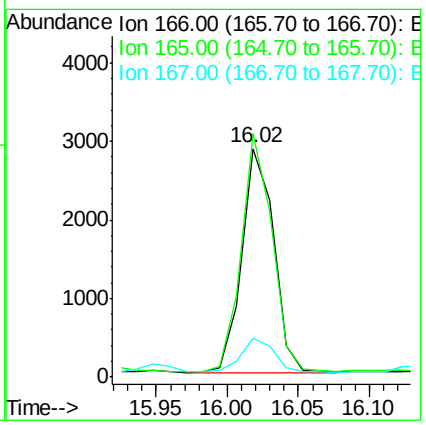


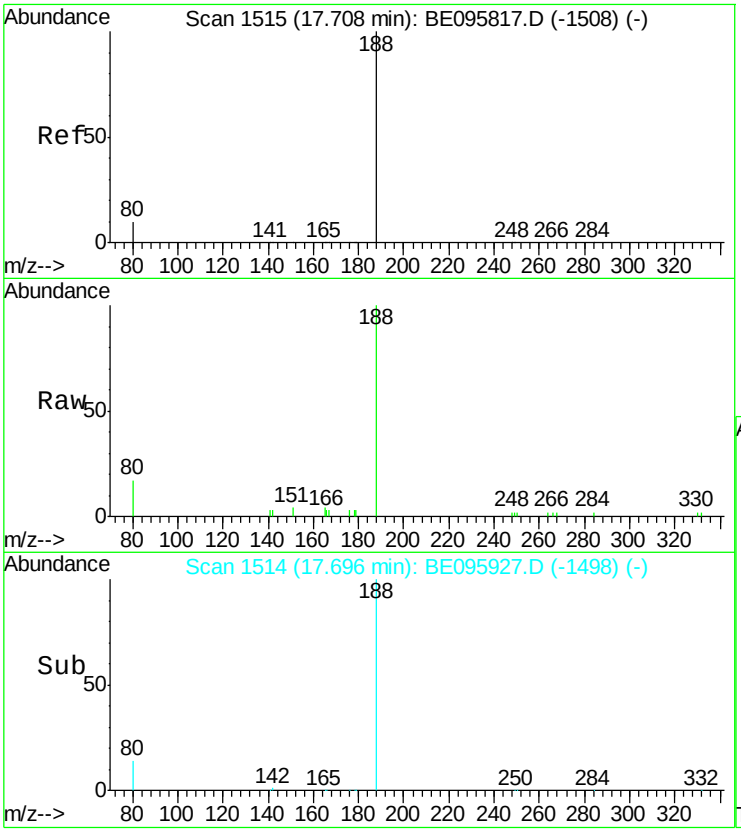


#18
Fluorene
Concen: 0.508 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:166 Resp: 4397

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.8	116.6
167	15.7	42.4	63.6#



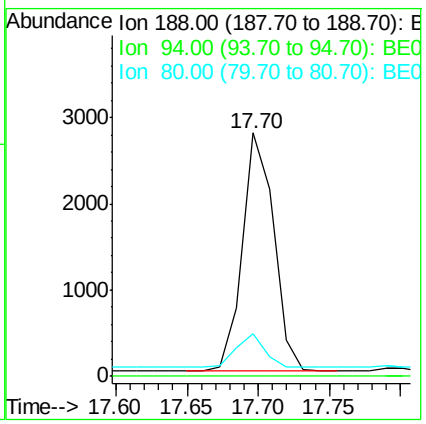


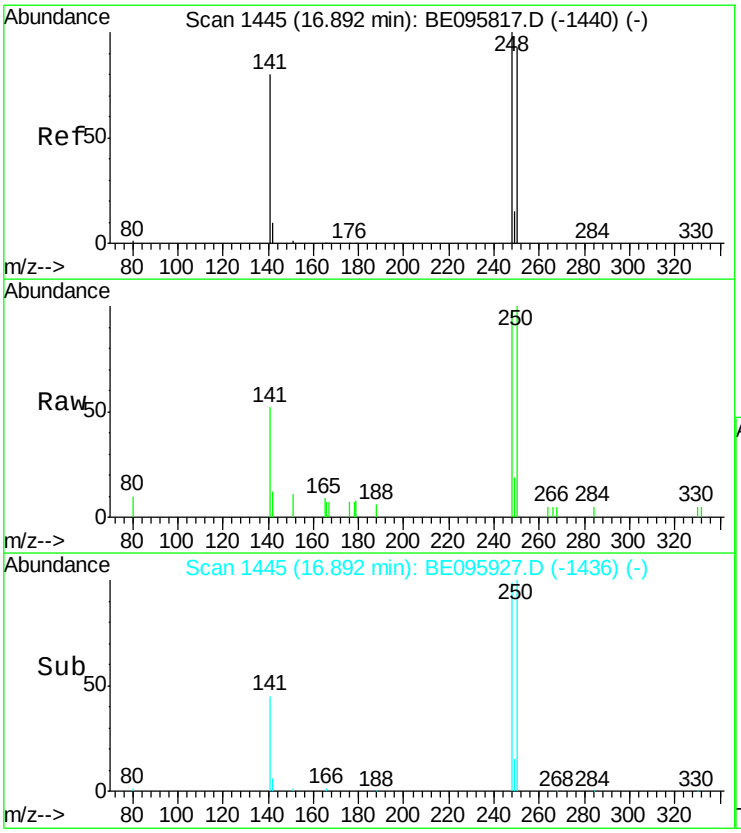
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:188 Resp: 4241

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	17.4	3.6	5.4#

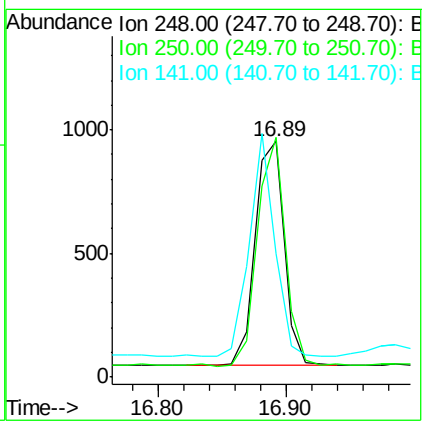


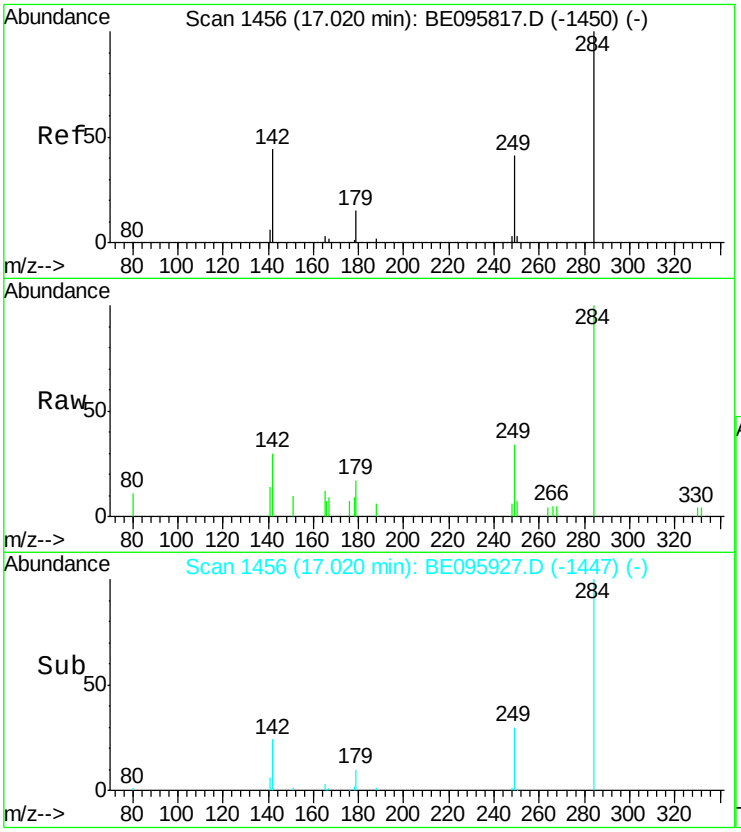


#20
4-Bromophenyl-phenylether
Concen: 0.564 ng
RT: 16.89 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:248 Resp: 1438

Ion	Ratio	Lower	Upper
248	100		
250	101.7	62.7	94.1#
141	52.6	48.2	72.2



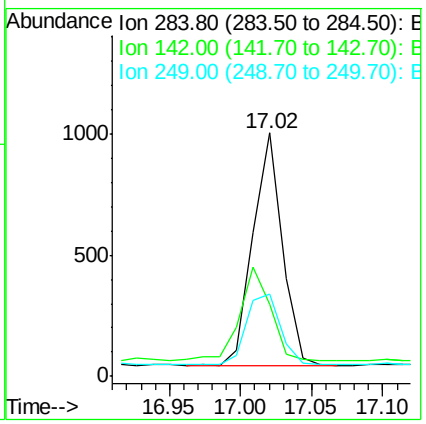


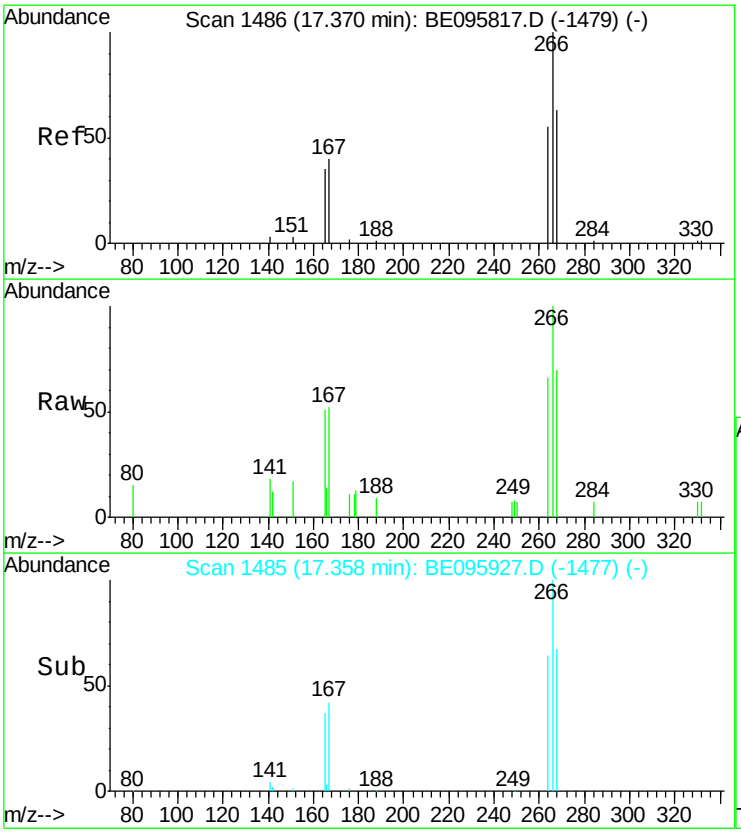
#21
Hexachlorobenzene
Concen: 0.538 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:284 Resp: 1369

Ion	Ratio	Lower	Upper
284	100		
142	43.2	22.1	33.1#
249	35.0	34.8	52.2

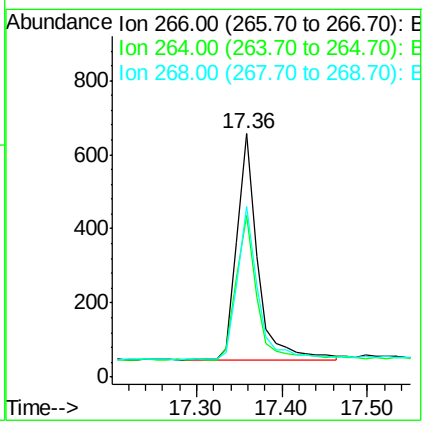


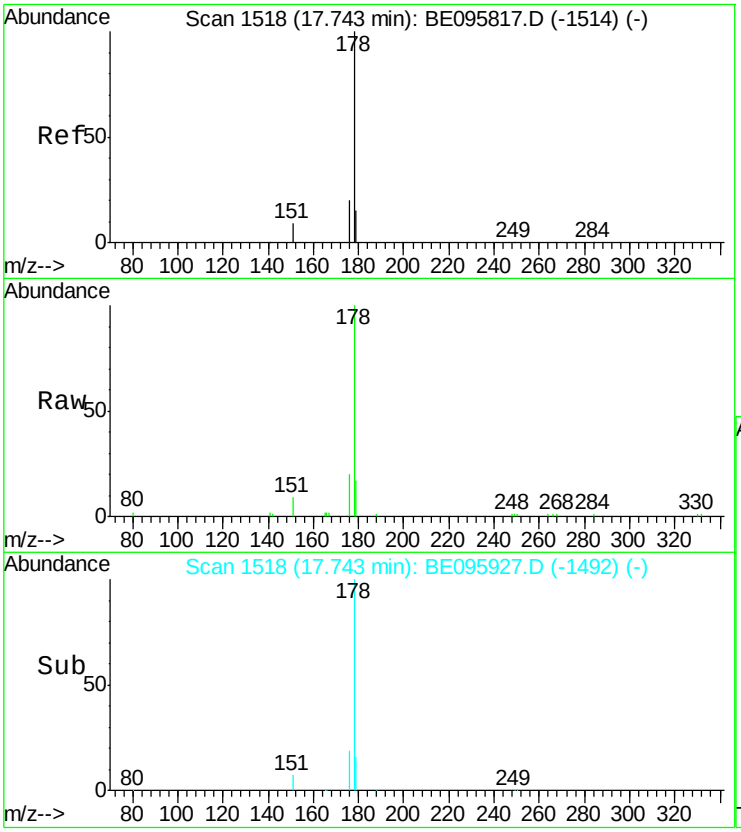


#22
Pentachlorophenol
Concen: 1.196 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:266 Resp: 1024

Ion	Ratio	Lower	Upper
266	100		
264	66.2	72.5	108.7#
268	69.9	73.8	110.6#



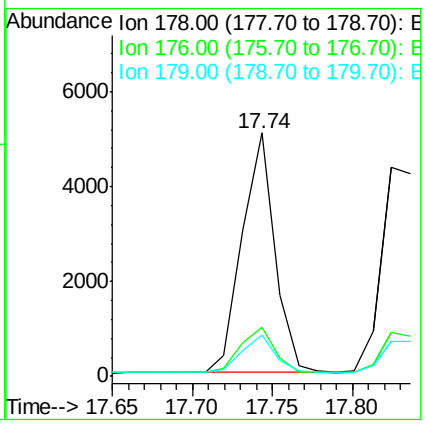


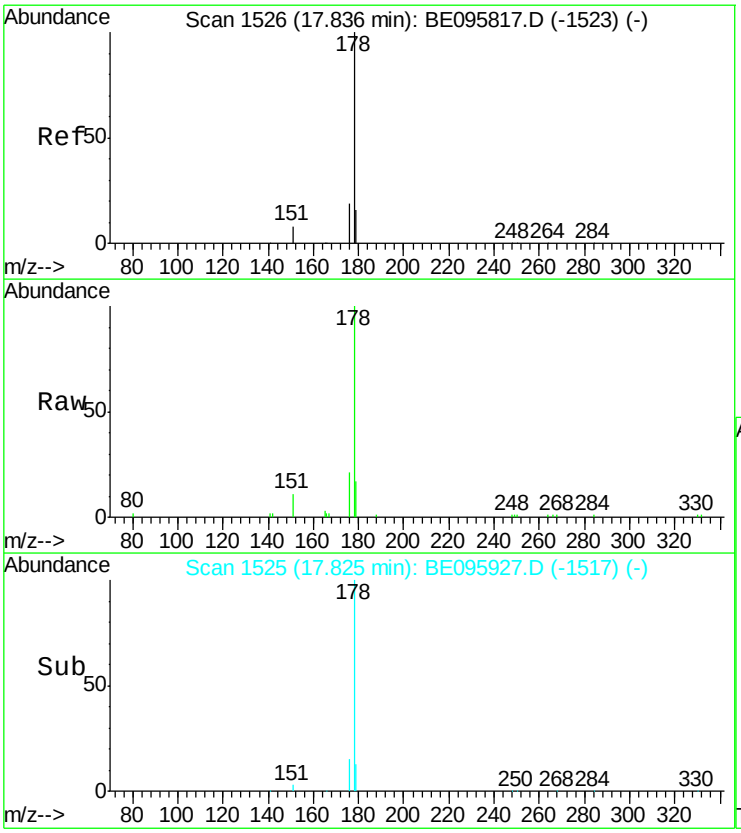
#23
Phenanthrene
Concen: 0.564 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:178 Resp: 7164

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.5	11.8	17.6

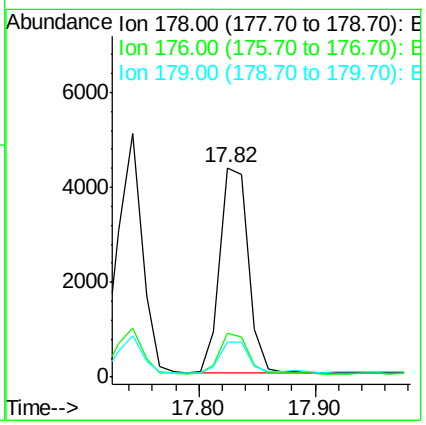


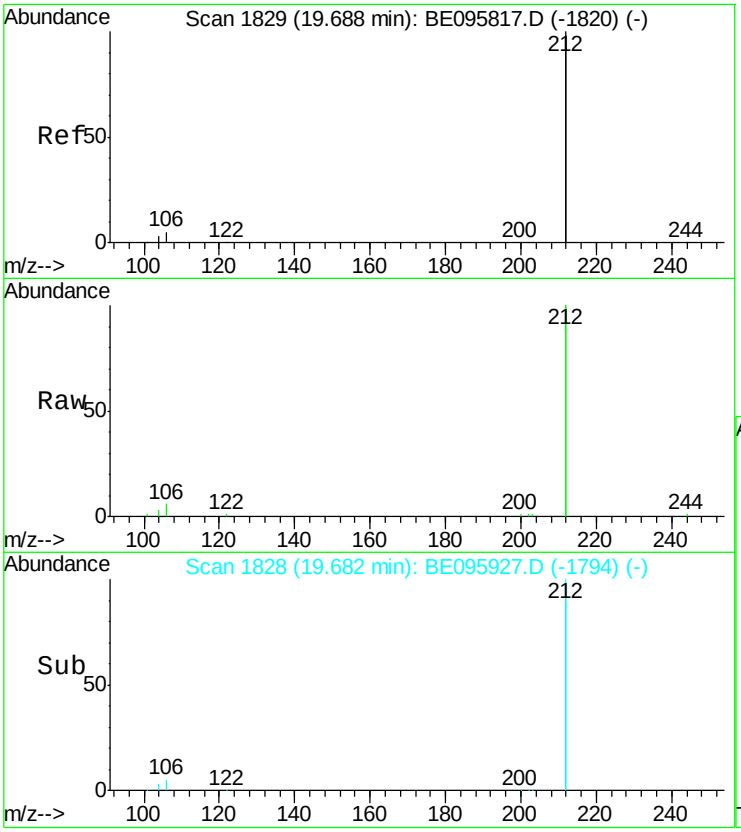


#24
Anthracene
Concen: 0.576 ng
RT: 17.82 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:178 Resp: 7318

Ion	Ratio	Lower	Upper
178	100		
176	19.3	12.8	19.2#
179	15.4	13.0	19.6



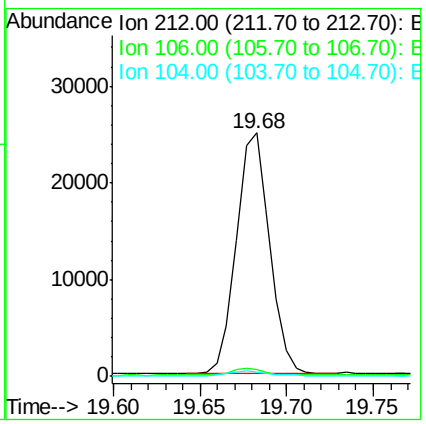


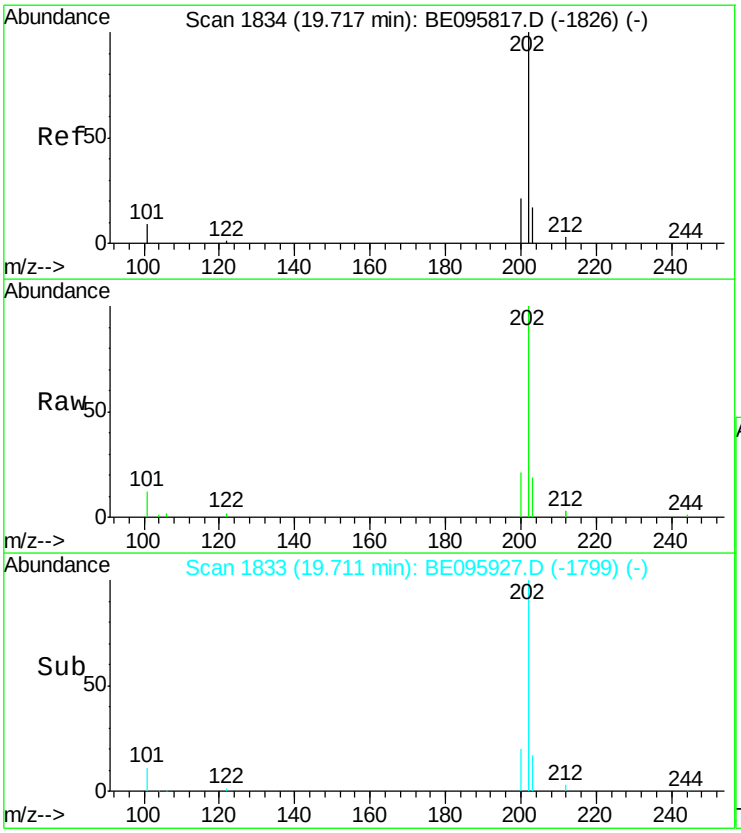
#25
Fluoranthene-d10
Concen: 0.526 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:212 Resp: 33155

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.8	1.6	2.4

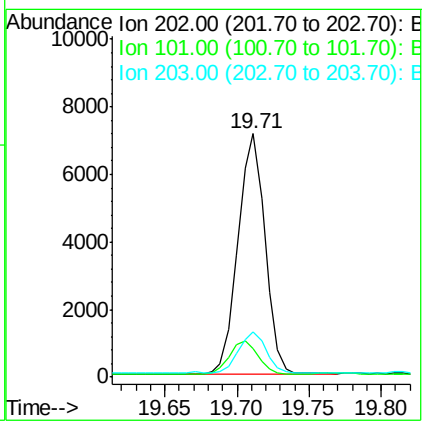


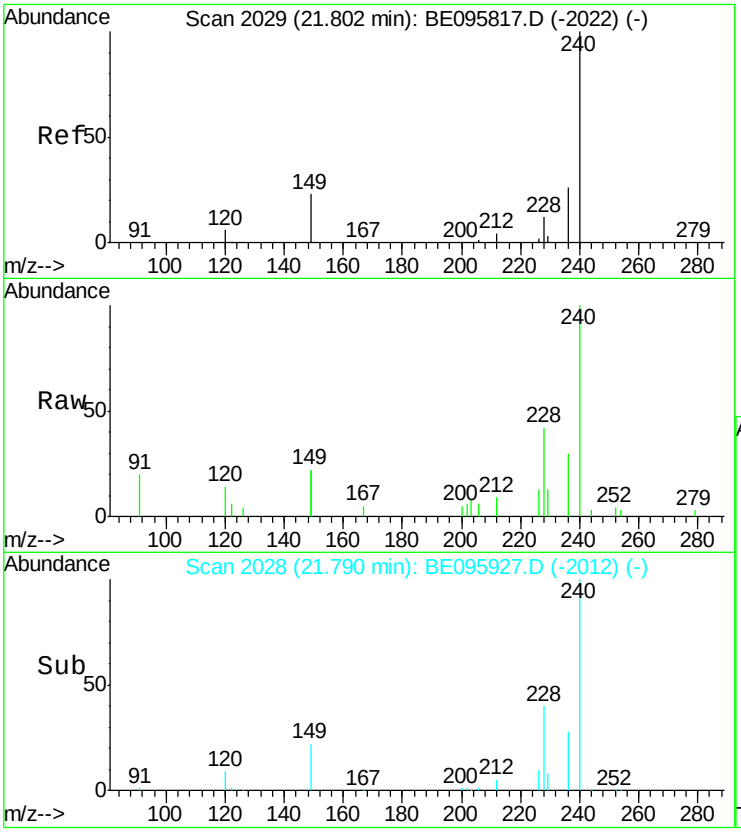


#26
Fluoranthene
Concen: 0.525 ng
RT: 19.71 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:202 Resp: 9252

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.8	14.8
203	17.2	13.7	20.5



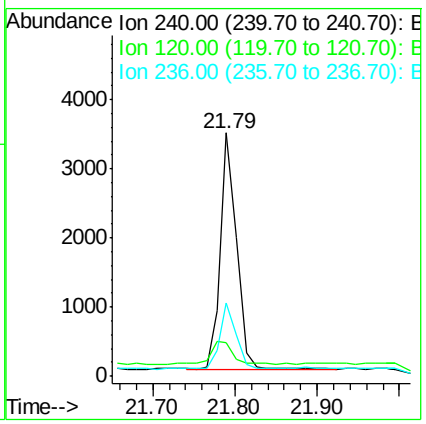


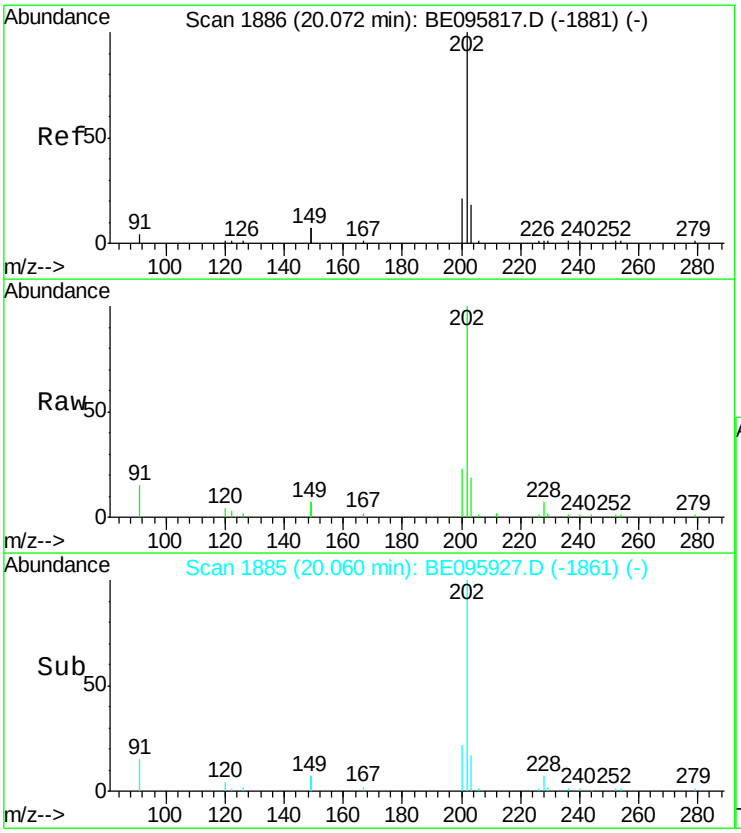
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:240 Resp: 4743

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.5	8.3#
236	30.2	20.7	31.1

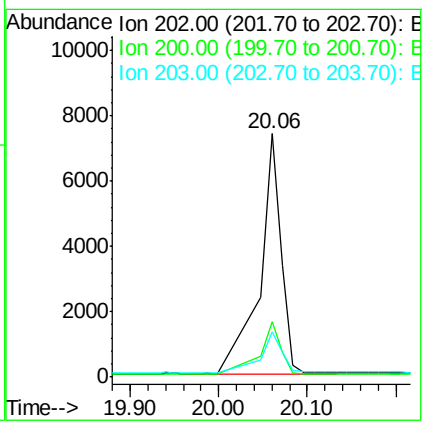


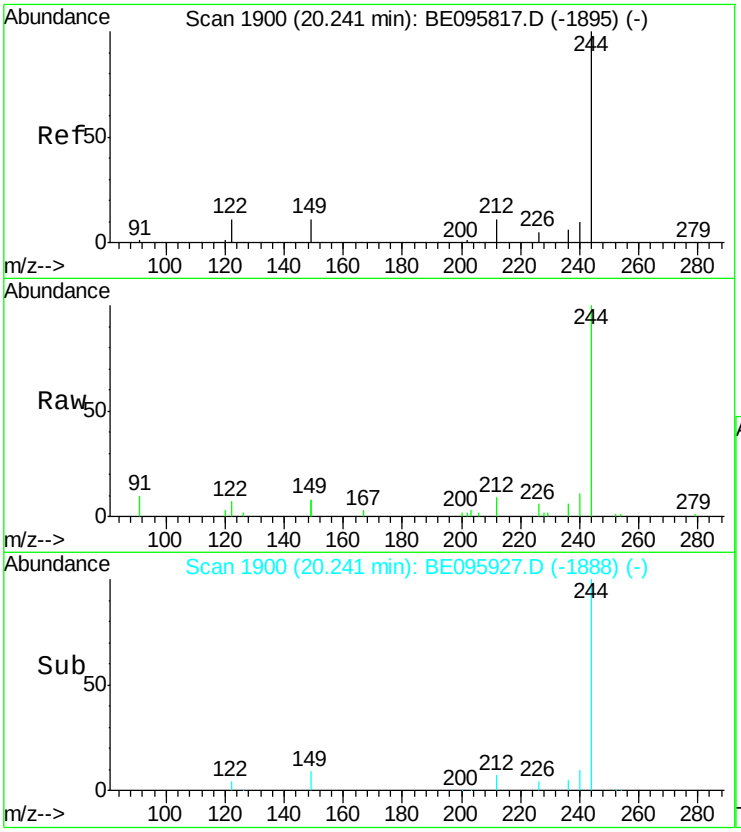


#28
Pyrene
Concen: 0.501 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:202 Resp: 9673

Ion	Ratio	Lower	Upper
202	100		
200	25.2	16.6	25.0#
203	21.8	13.8	20.8#



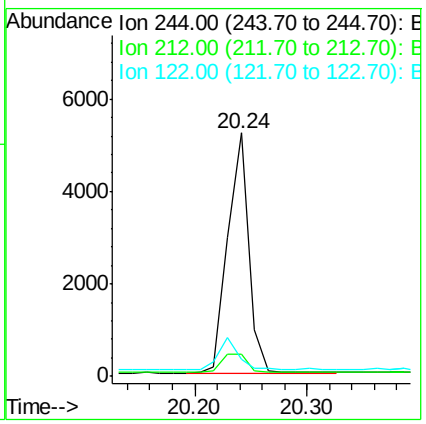


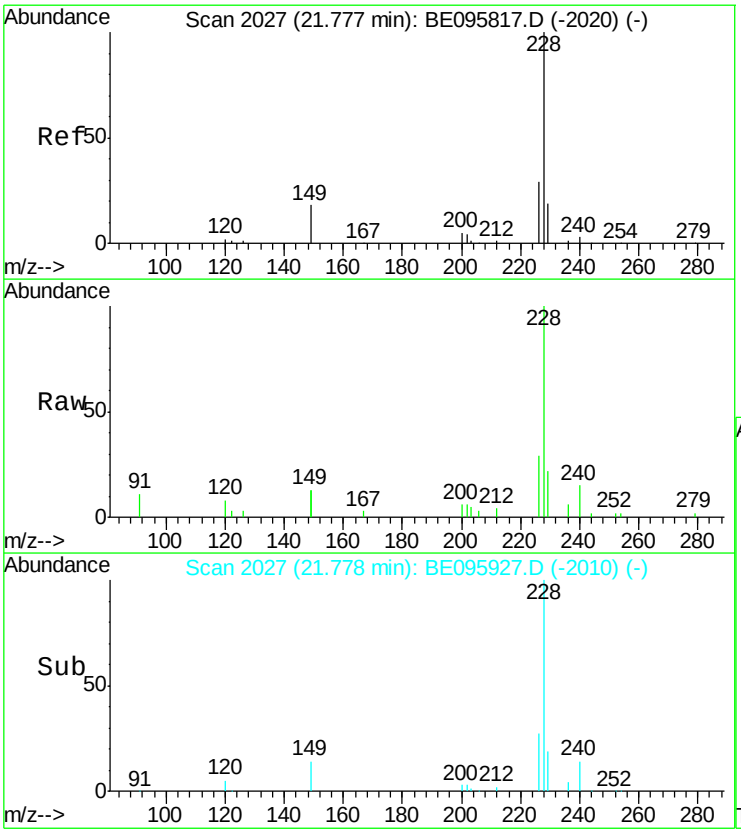
#29
Terphenyl-d14
Concen: 0.671 ng
RT: 20.24 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:244 Resp: 6755

Ion	Ratio	Lower	Upper
244	100		
212	8.9	25.4	38.0#
122	7.1	8.1	12.1#

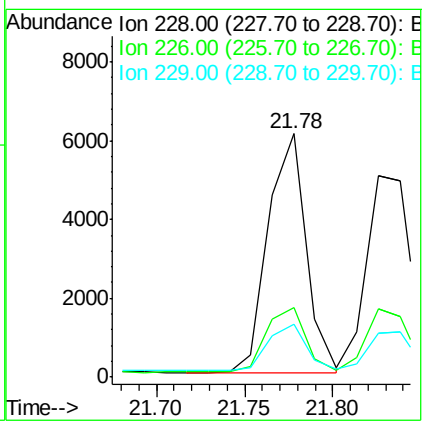


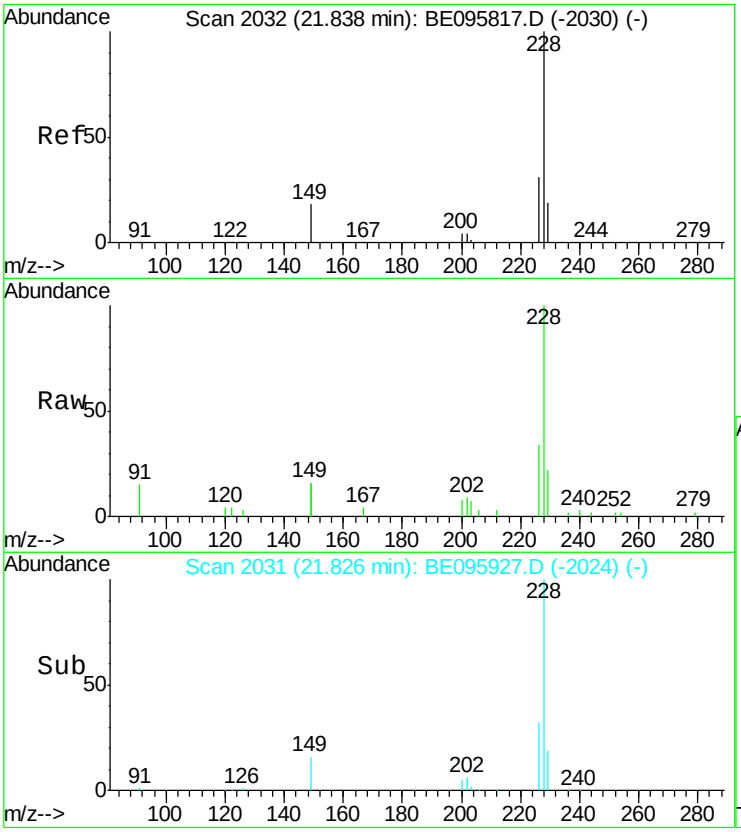


#30
Benzo(a)anthracene
Concen: 0.551 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:228 Resp: 9070

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	21.9	16.0	24.0



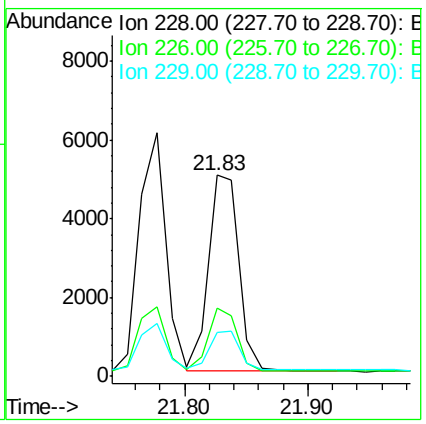


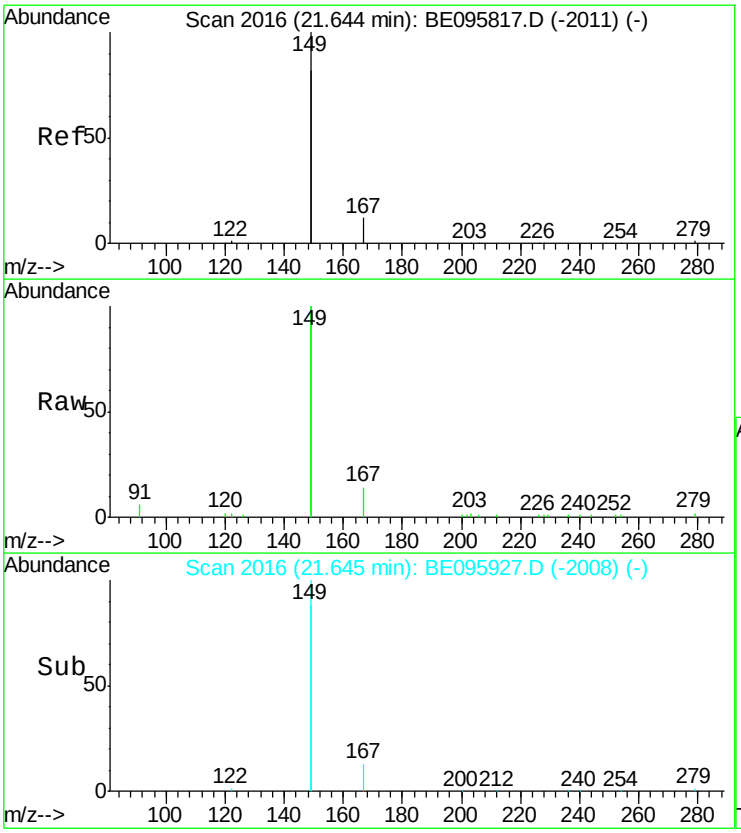
#31
Chrysene
Concen: 0.568 ng
RT: 21.83 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:228 Resp: 8527

Ion	Ratio	Lower	Upper
228	100		
226	34.1	24.0	36.0
229	22.1	16.0	24.0

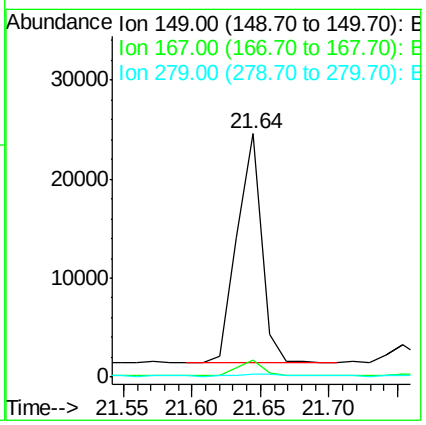


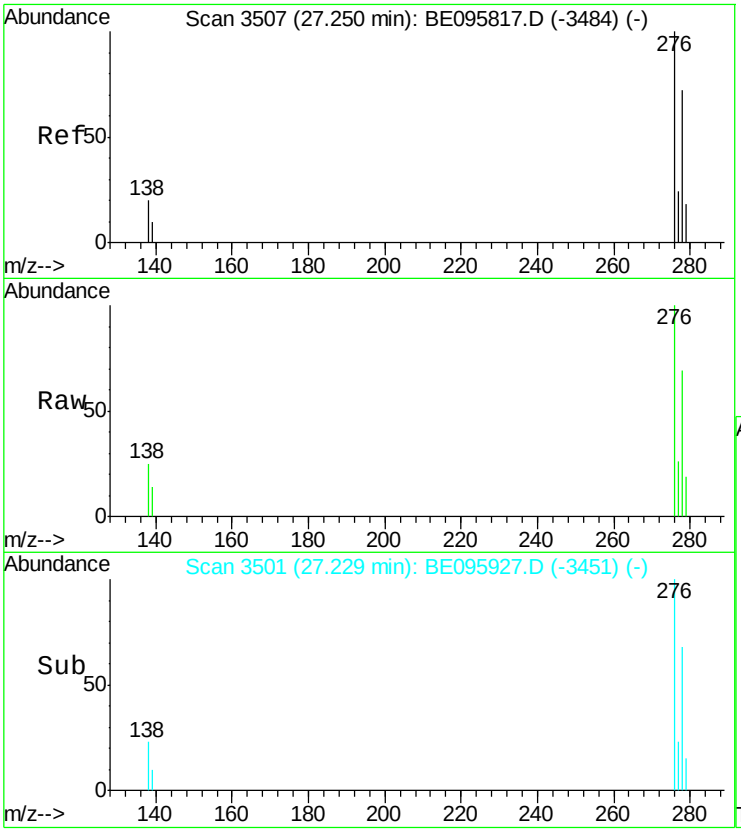


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.570 ng
RT: 21.64 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:149 Resp: 28667

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



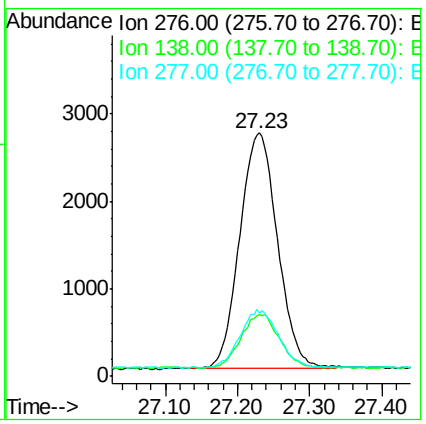


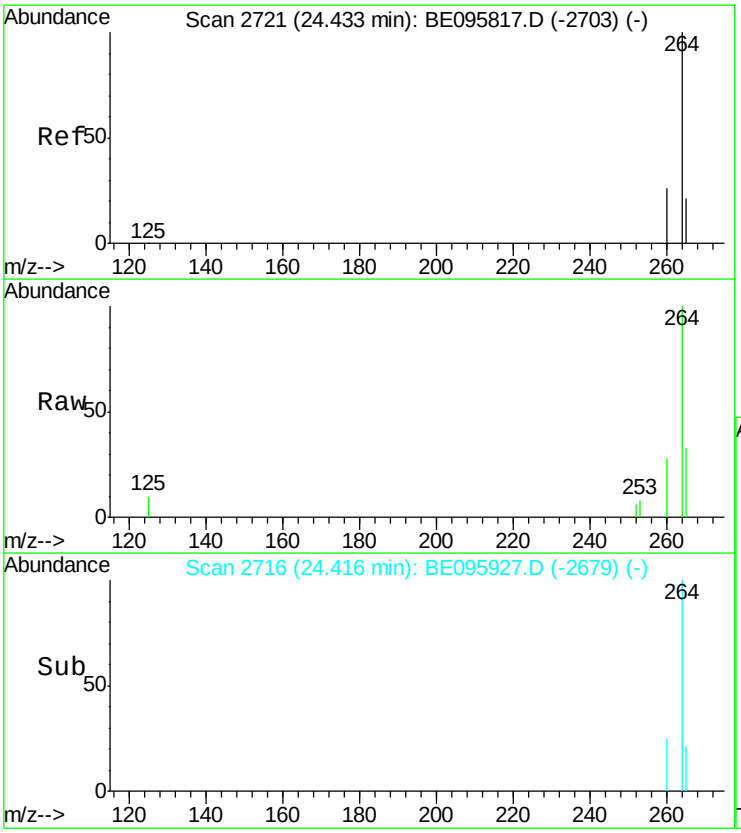
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.596 ng
RT: 27.23 min Scan# 3501
Delta R.T. -0.02 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:276 Resp: 9633

Ion	Ratio	Lower	Upper
276	100		
138	23.5	22.5	33.7
277	24.9	19.9	29.9

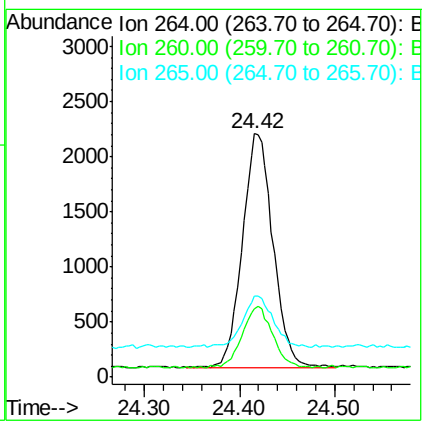


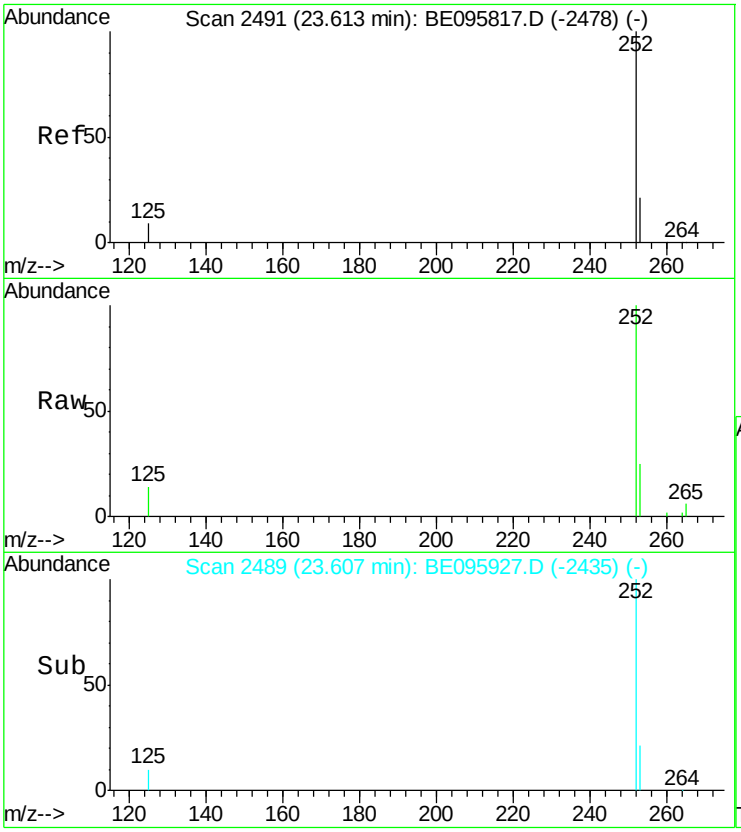


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2716
Delta R.T. -0.02 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:264 Resp: 4795

Ion	Ratio	Lower	Upper
264	100		
260	27.9	20.5	30.7
265	33.2	22.8	34.2



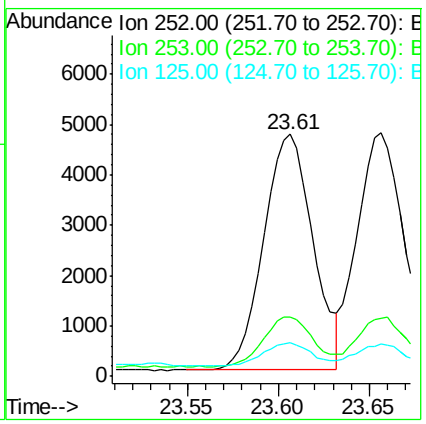


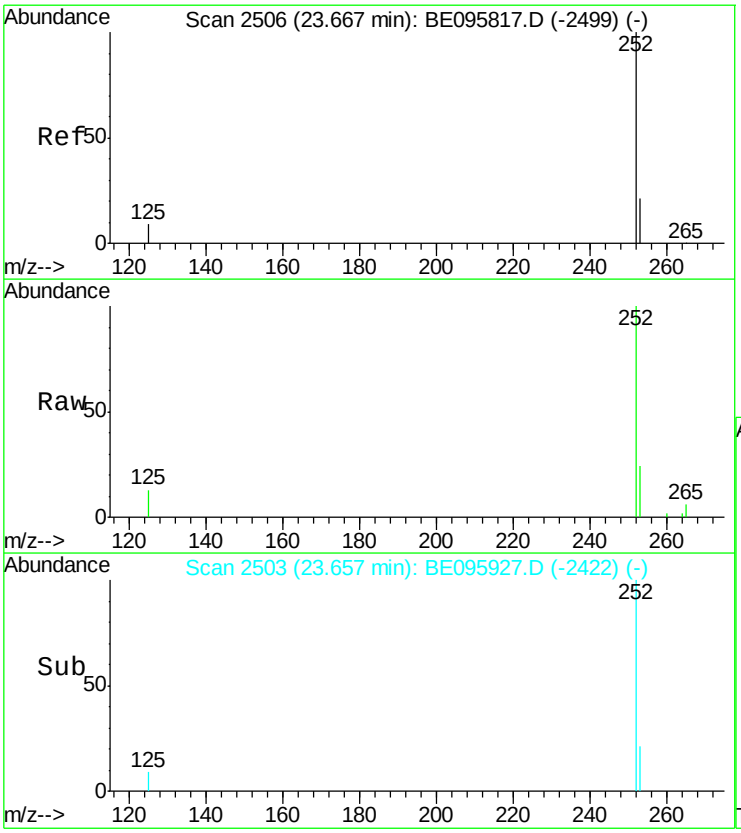
#35
Benzo(b)fluoranthene
Concen: 0.556 ng
RT: 23.61 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:252 Resp: 8820

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.0	30.0
125	13.8	16.0	24.0#

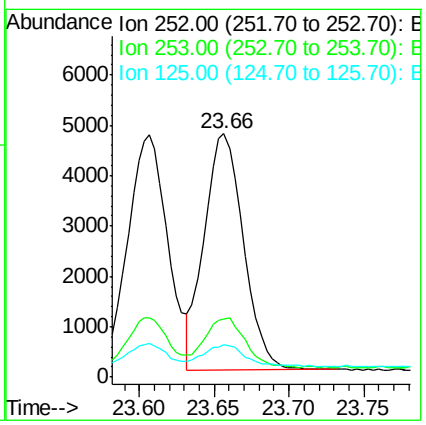


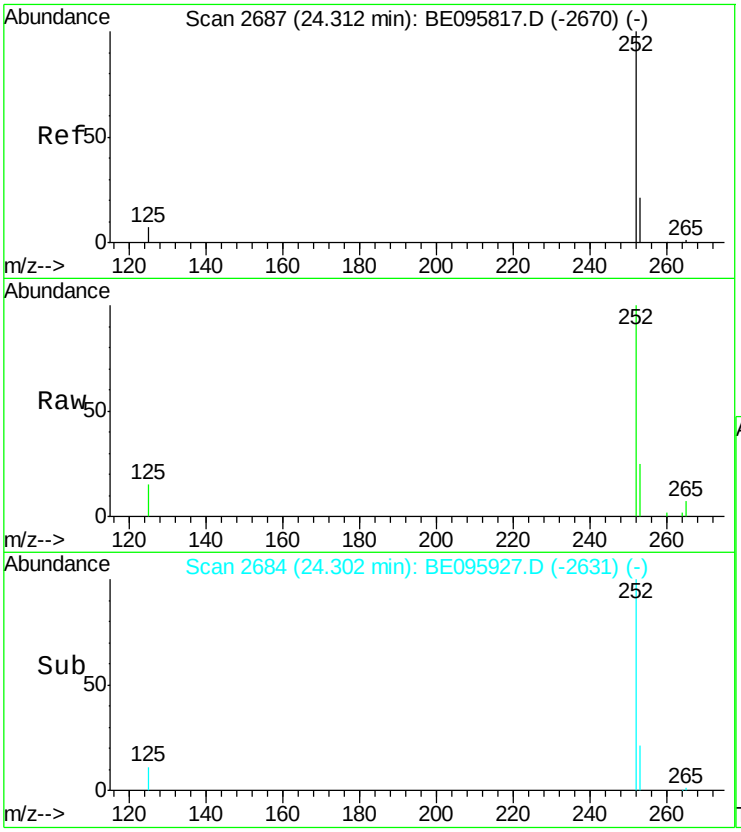


#36
Benzo(k)fluoranthene
Concen: 0.540 ng
RT: 23.66 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:252 Resp: 8572

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	13.3	8.0	12.0#



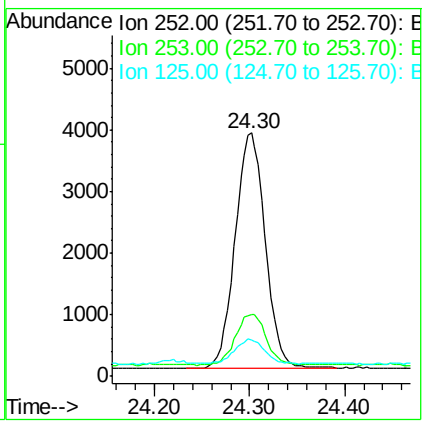


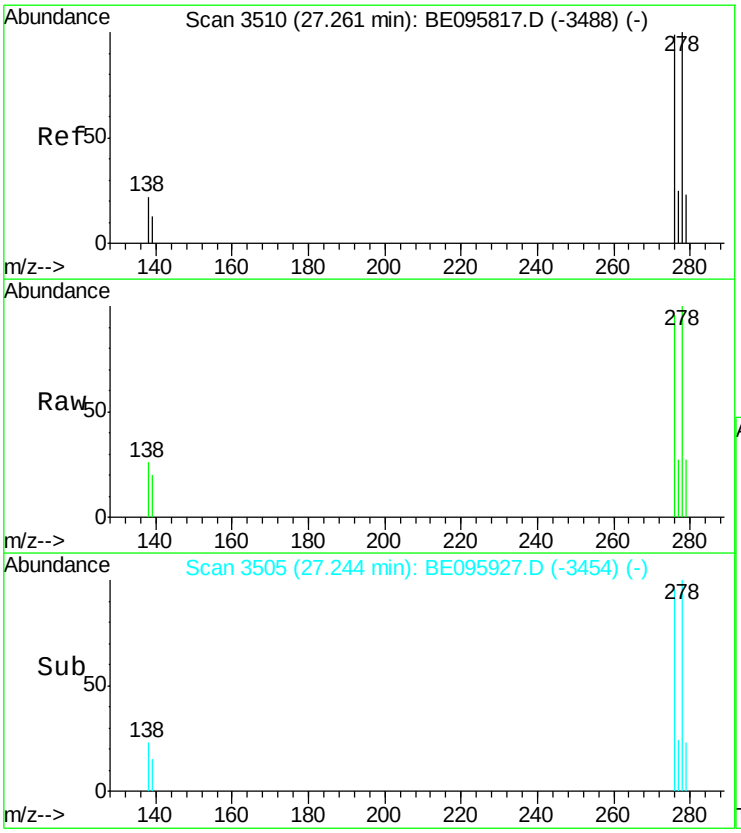
#37
Benzo(a)pyrene
Concen: 0.567 ng
RT: 24.30 min Scan# 2684
Delta R.T. -0.01 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:252 Resp: 8435

Ion	Ratio	Lower	Upper
252	100		
253	25.2	16.0	24.0#
125	15.1	12.0	18.0

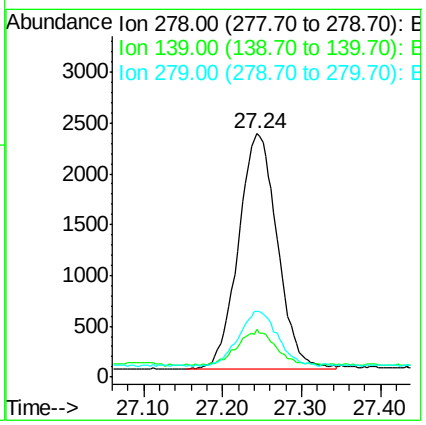


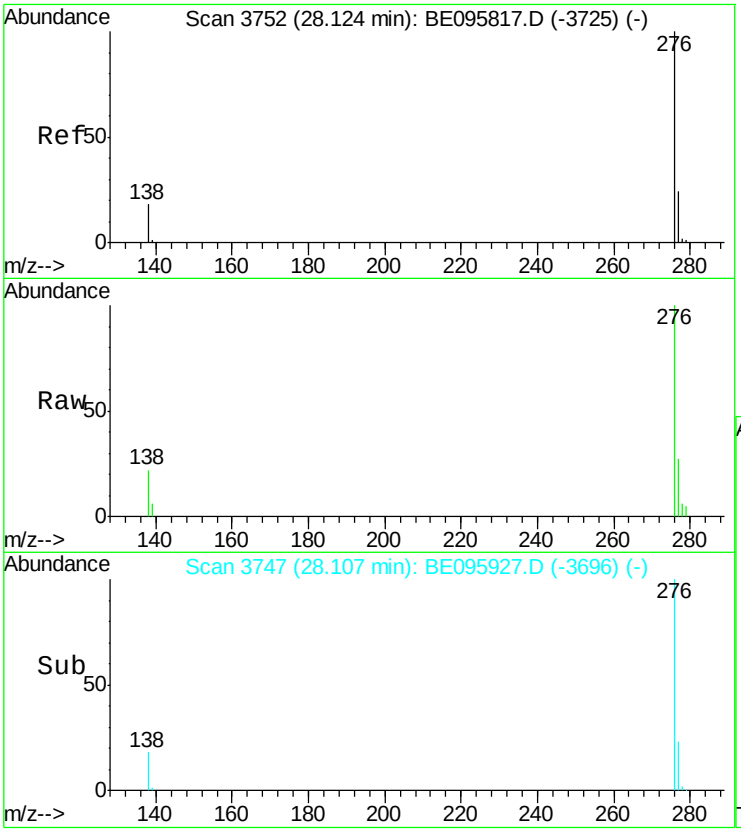


#38
Dibenzo(a,h)anthracene
Concen: 0.560 ng
RT: 27.24 min Scan# 3505
Delta R.T. -0.02 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Tgt Ion:278 Resp: 7915

Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.0	24.0
279	27.2	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.575 ng
RT: 28.11 min Scan# 3747
Delta R.T. -0.02 min
Lab File: BE095927.D
Acq: 2 Apr 2018 14:57

Instrument :
BNA_E
ClientSampleId :
SY-3D-20180327MSD

Tgt Ion:276 Resp: 8158

Ion	Ratio	Lower	Upper
276	100		
277	26.6	16.0	24.0#
138	21.7	20.0	30.0