Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012518\
Data File : BE095116.D
Acq On : 25 Jan 2018 15:30
Operator : SJ/JU
Sample : J1236-06DL2 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TW-2DL2

Quant Time: Jan 25 19:22:24 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 15:47:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5397	0.40	ng		0.00
7) Naphthalene-d8	11.29	136	12494	0.40	ng		-0.02
13) Acenaphthene-d10	15.03	164	7379	0.40	ng		0.00
19) Phenanthrene-d10	17.74	188	16948	0.40	ng		0.00
27) Chrysene-d12	21.82	240	17000	0.40	ng		-0.01
34) Perylene-d12	24.48	264	15458	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	74	0.01	ng		0.00
5) Phenol-d6	7.58	99	366	0.03	ng		0.00
8) Nitrobenzene-d5	9.63	82	591	0.05	ng		0.00
11) 2-Methylnaphthalene-d10	12.84	152	149	0.01	ng		0.00
14) 2,4,6-Tribromophenol	16.50	330	104	0.14	ng		0.00
15) 2-Fluorobiphenyl	13.67	172	2579	0.08	ng		-0.01
25) Fluoranthene-d10	19.71	212	1636	0.01	ng		0.00
29) Terphenyl-d14	20.28	244	14038	0.40	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	4.01	42	246	0.039	ng	#	1
6) bis(2-Chloroethyl)ether	7.82	93	2707	0.219	ng	#	1
9) Naphthalene	11.34	128	324551	2.270	ng		99
12) 2-Methylnaphthalene	12.91	142	4006	0.163	ng		99
18) Fluorene	16.05	166	702	0.022	ng	#	81
22) Pentachlorophenol	17.39	266	18	0.040	ng		96
23) Phenanthrene	17.77	178	4135	0.079	ng		98
26) Fluoranthene	19.74	202	4500	0.072	ng	#	97
28) Pyrene	20.10	202	4223	0.059	ng	#	92
30) Benzo(a)anthracene	21.81	228	1957	0.037	ng	#	94
31) Chrysene	21.87	228	1576	0.029	ng	#	88
32) Bis(2-ethylhexyl)phthalate	21.68	149	21664	0.293	ng	#	99
35) Benzo(b)fluoranthene	23.65	252	1974	0.036	ng	#	72
36) Benzo(k)fluoranthene	23.65	252	1974	0.035	ng	#	52
37) Benzo(a)pyrene	24.36	252	1217	0.024	ng	#	45
39) Benzo(g,h,i)perylene	28.18	276	964	0.021	ng	#	65

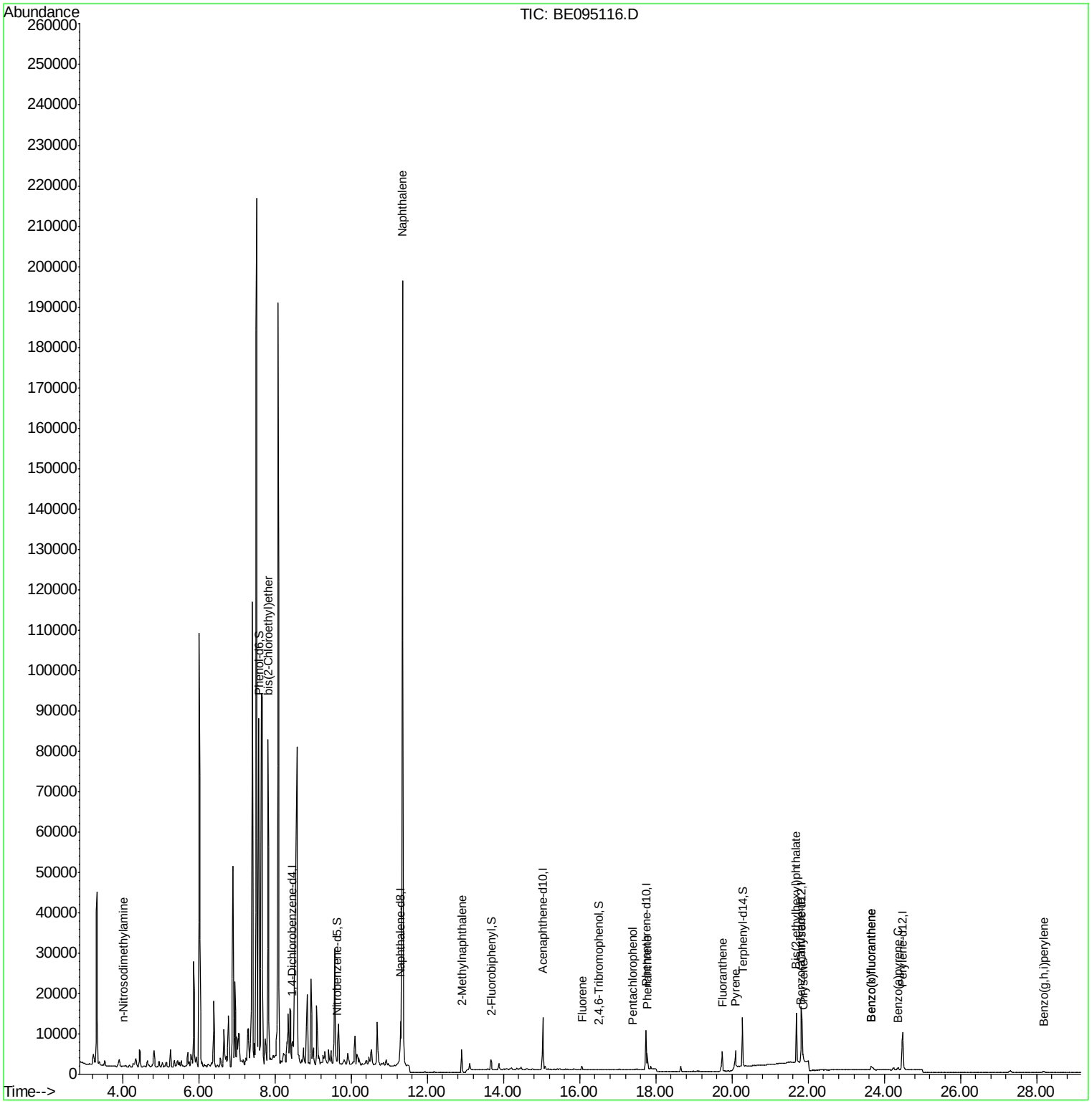
(#) = qualifier out of range (m) = manual integration (+) = signals summed

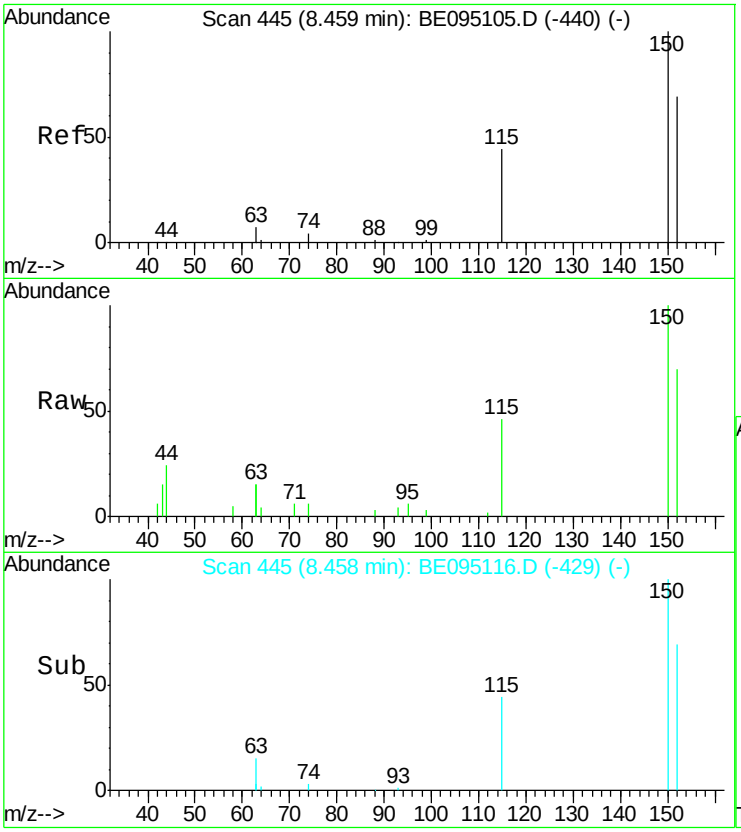
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012518\
Data File : BE095116.D
Acq On : 25 Jan 2018 15:30
Operator : SJ/JU
Sample : J1236-06DL2 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Quant Time: Jan 25 19:22:24 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 15:47:25 2018
Response via : Initial Calibration



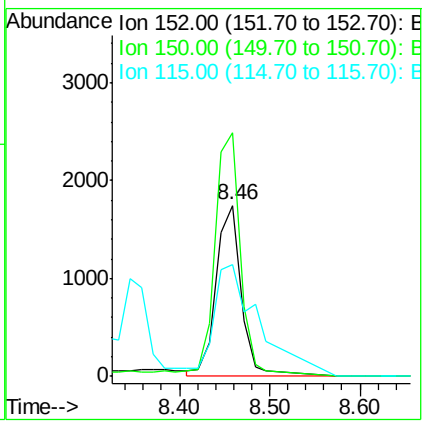


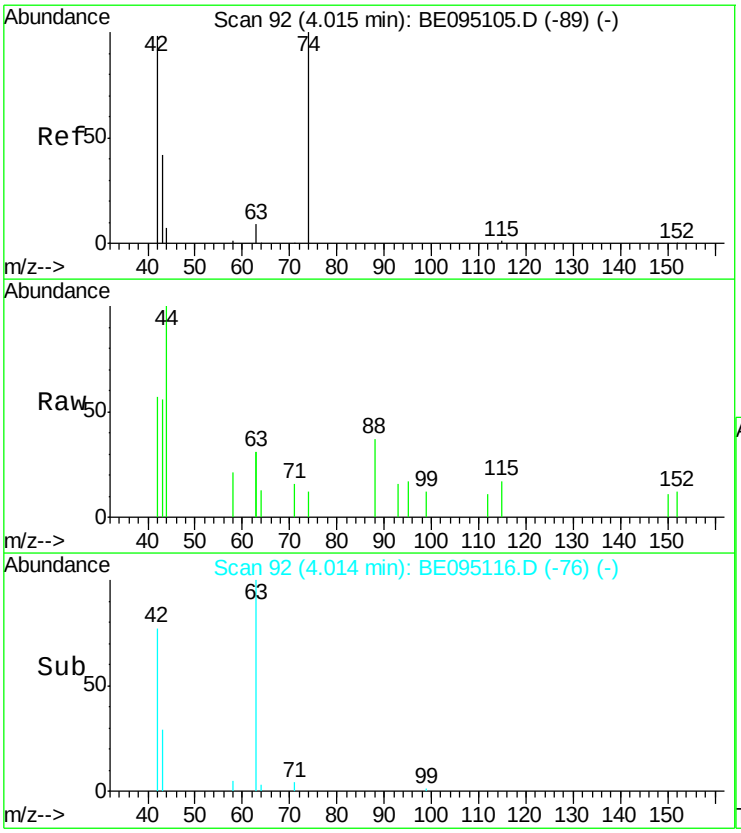
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:152 Resp: 5397

Ion	Ratio	Lower	Upper
152	100		
150	142.7	117.2	175.8
115	65.6	57.0	85.6

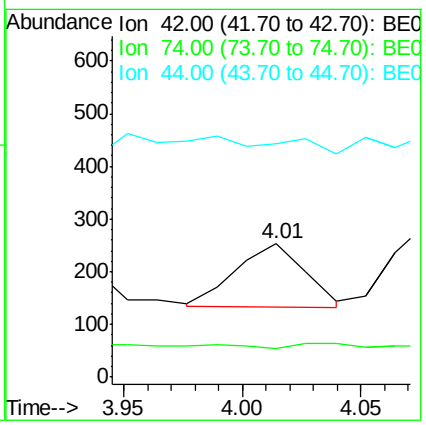


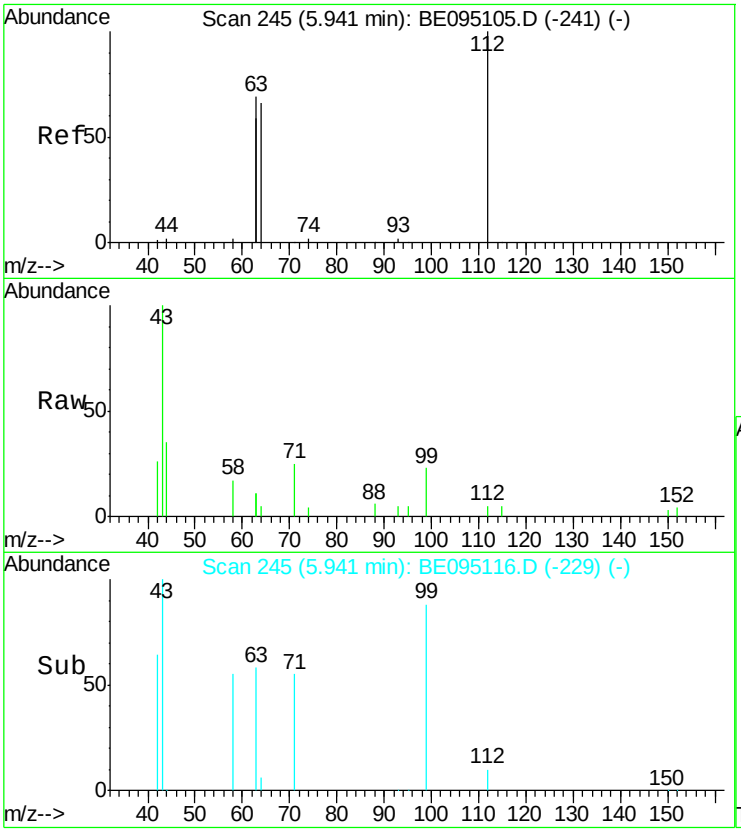


#3
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 4.01 min Scan# 92
Delta R.T. -0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion: 42 Resp: 246

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#



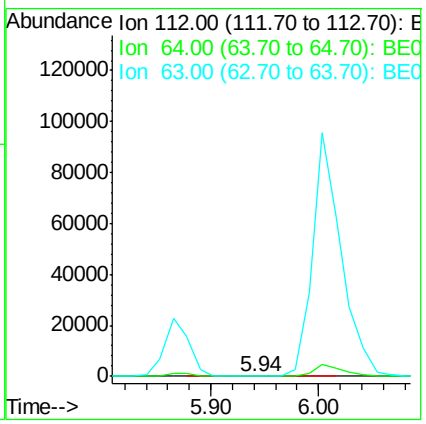


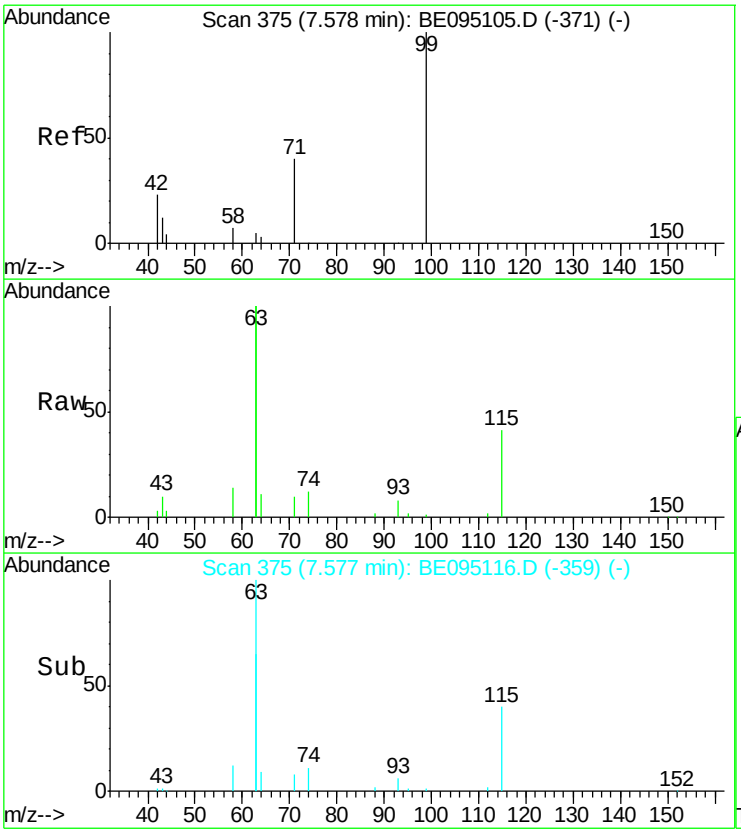
#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:112 Resp: 74

Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.1	90.1#
63	0.0	116.8	175.2#

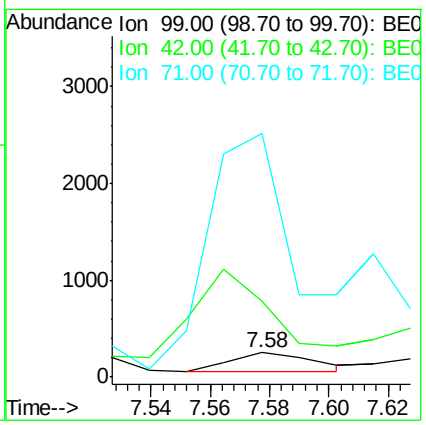


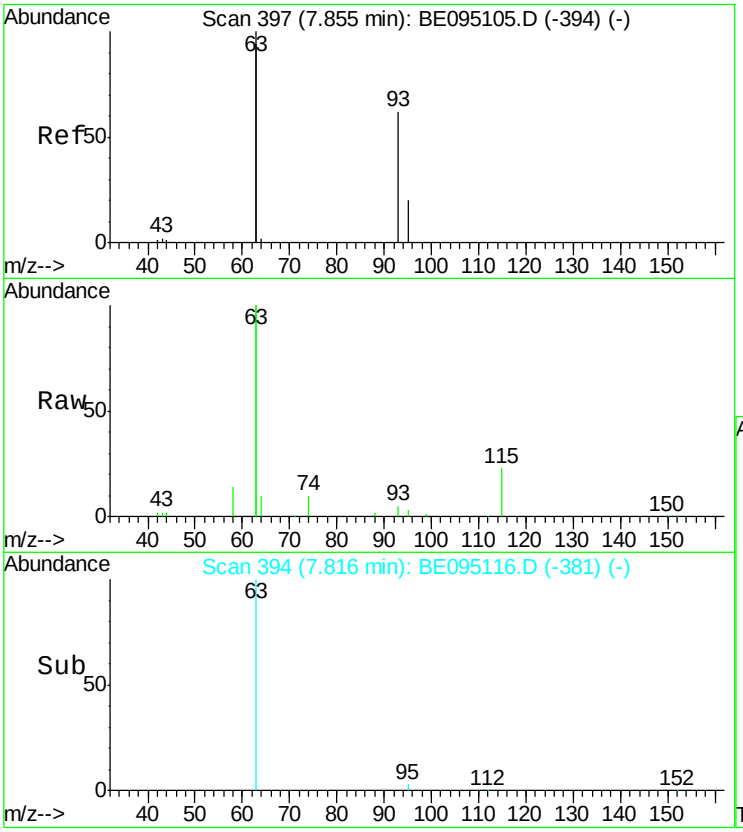


#5
Phenol-d6
Concen: 0.028 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion: 99 Resp: 366

Ion	Ratio	Lower	Upper
99	100		
42	463.7	20.2	30.2#
71	1773.8	28.4	42.6#



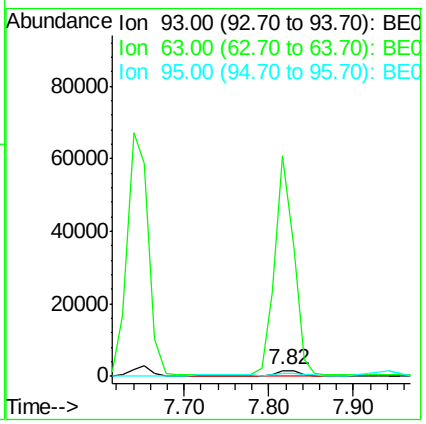


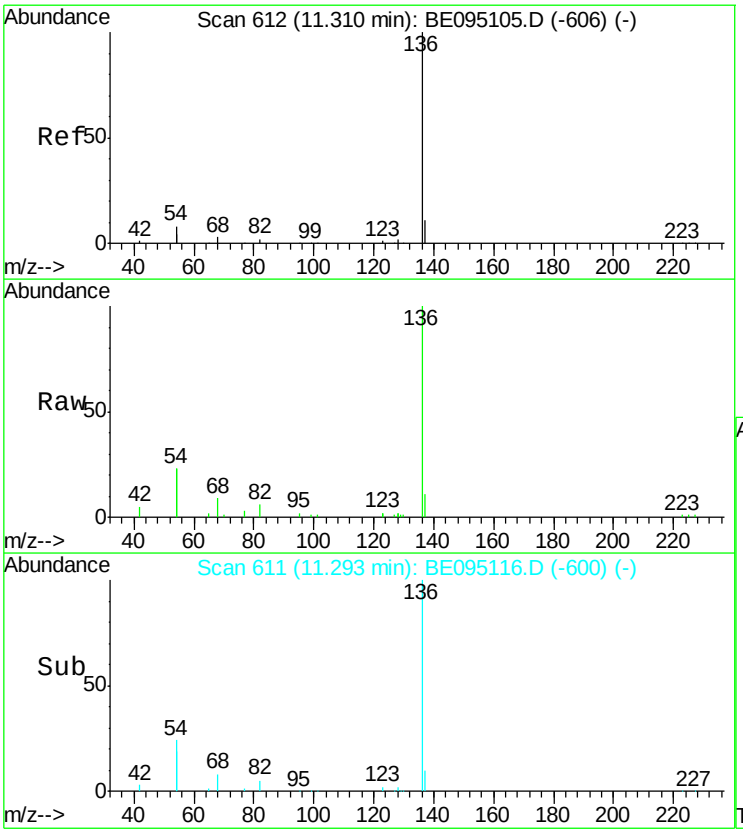
#6
bis(2-Chloroethyl)ether
Concen: 0.219 ng
RT: 7.82 min Scan# 394
Delta R.T. -0.04 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion: 93 Resp: 2707

Ion	Ratio	Lower	Upper
93	100		
63	3496.8	275.3	412.9#
95	67.6	25.2	37.8#

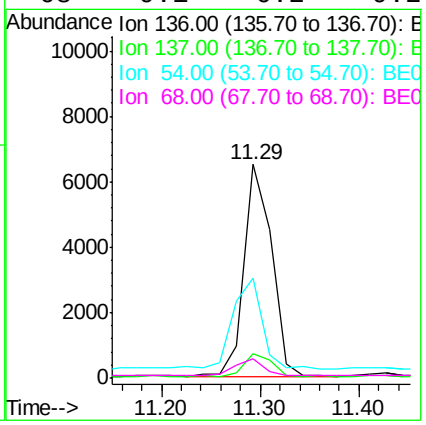


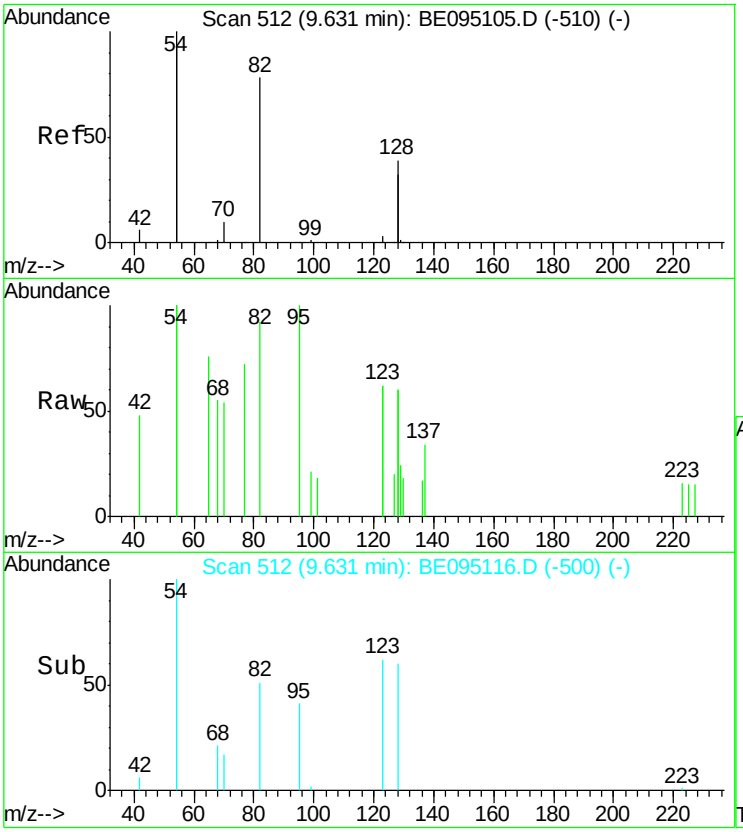


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.29 min Scan# 611
Delta R.T. -0.02 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:136 Resp: 12494

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	46.7	29.1	43.7#
68	9.1	6.2	9.2



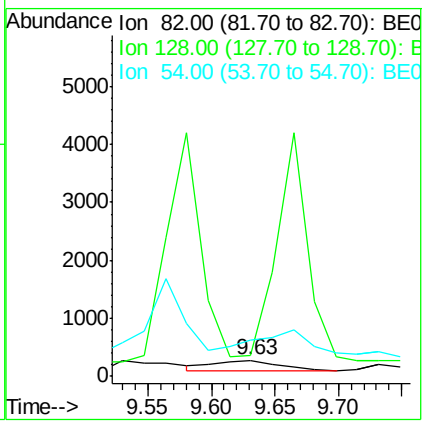


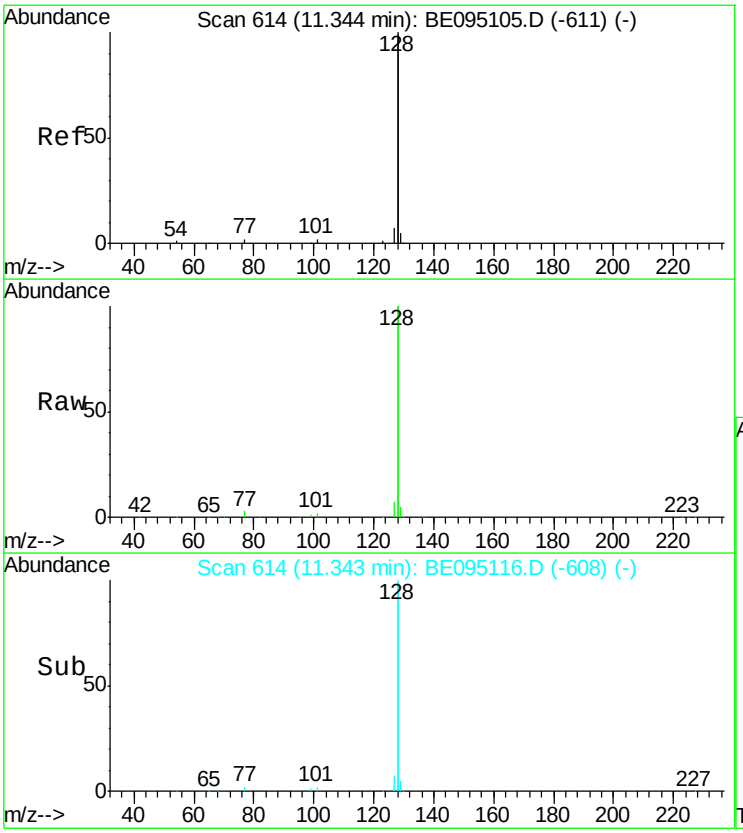
#8
Nitrobenzene-d5
Concen: 0.052 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion: 82 Resp: 591

Ion	Ratio	Lower	Upper
82	100		
128	130.0	150.0	225.0#
54	218.4	154.2	231.4

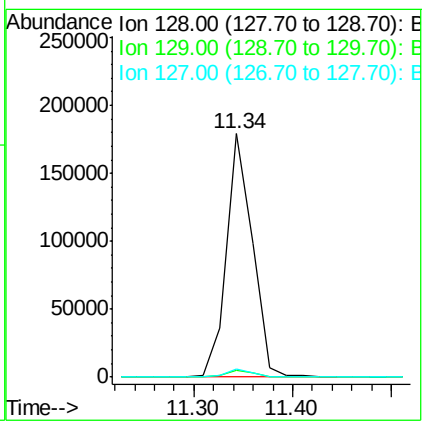


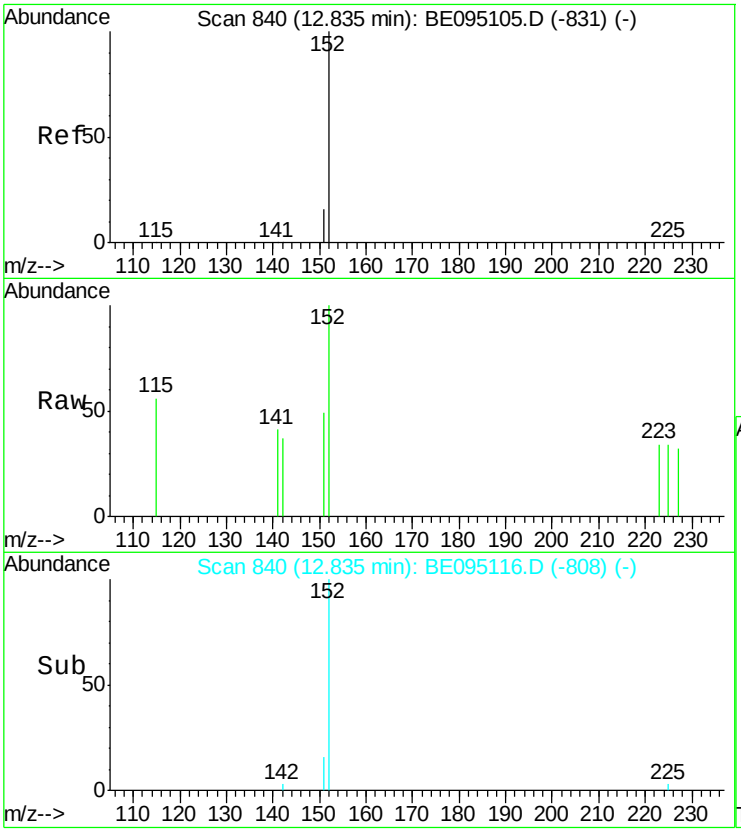


#9
Naphthalene
Concen: 2.270 ng
RT: 11.34 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:128 Resp: 324551

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.4	2.8	4.2



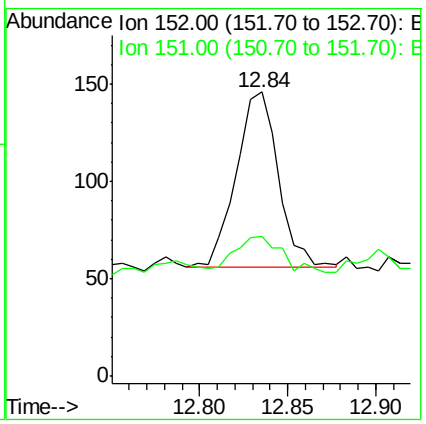


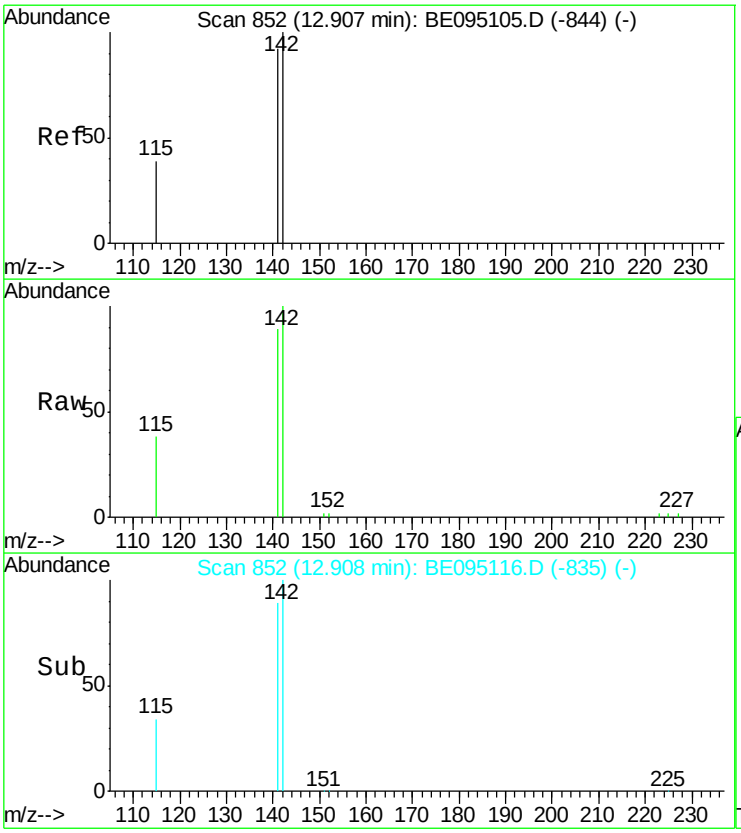
#11
2-Methylnaphthalene-d10
Concen: 0.007 ng
RT: 12.84 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:152 Resp: 149

Ion	Ratio	Lower	Upper
152	100		
151	27.5	15.4	23.0#

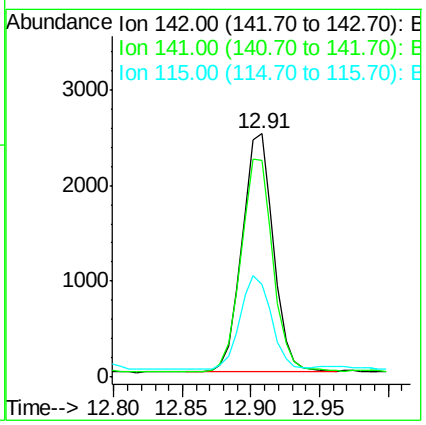


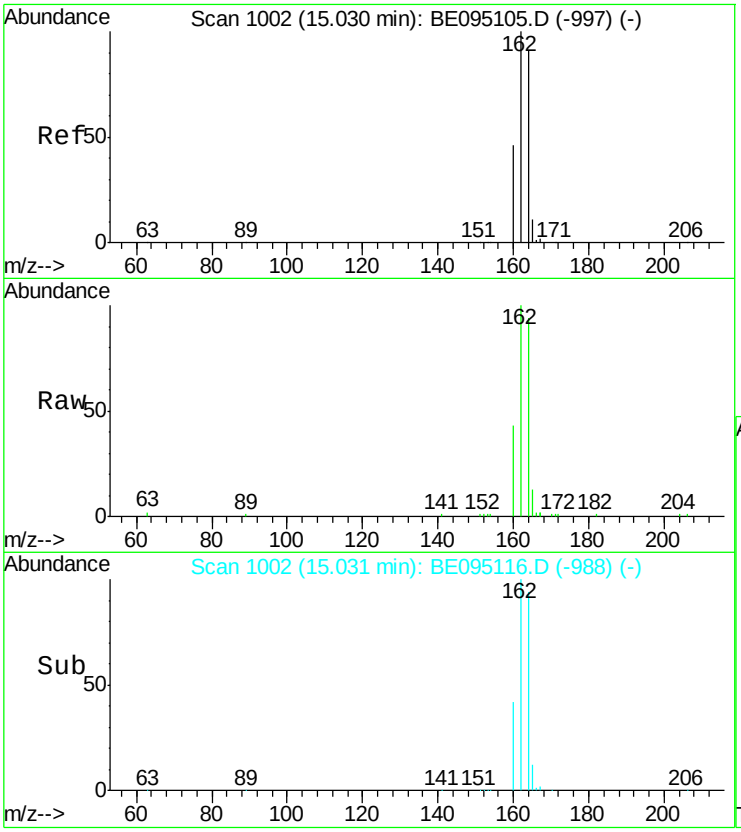


#12
2-Methylnaphthalene
Concen: 0.163 ng
RT: 12.91 min Scan# 852
Delta R.T. 0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:142 Resp: 4006

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.4	105.6
115	38.0	31.7	47.5



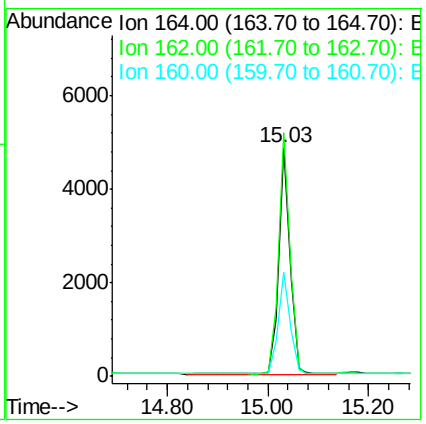


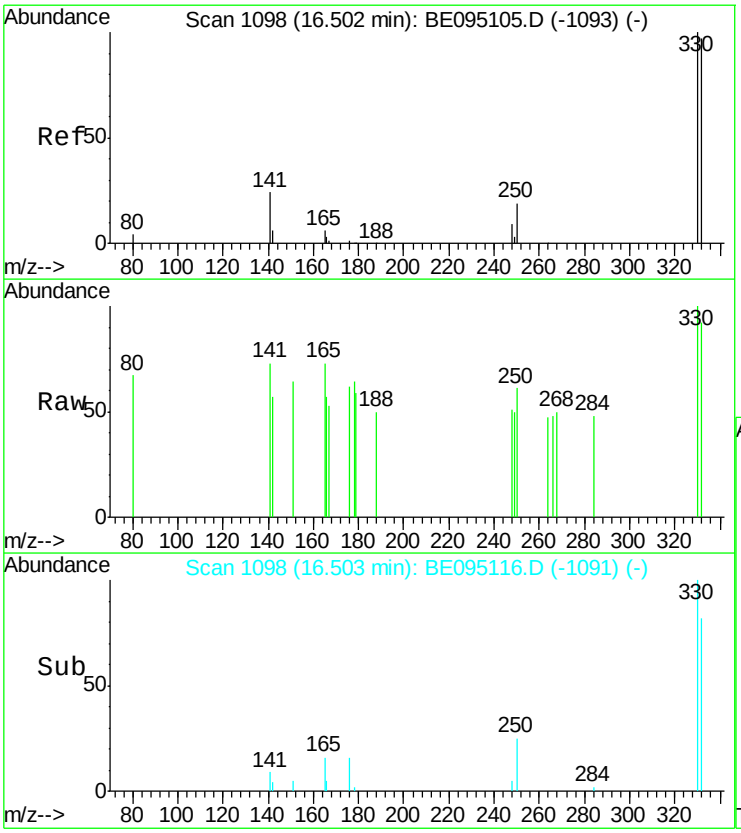
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:164 Resp: 7379

Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.1	124.7
160	45.5	37.1	55.7

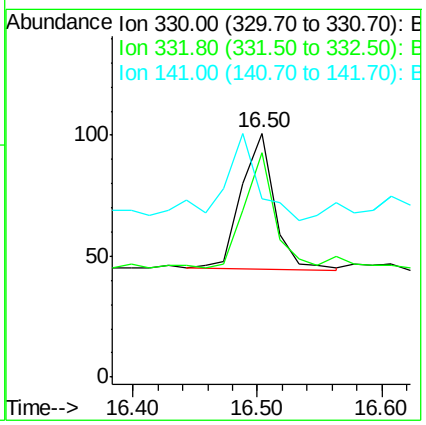


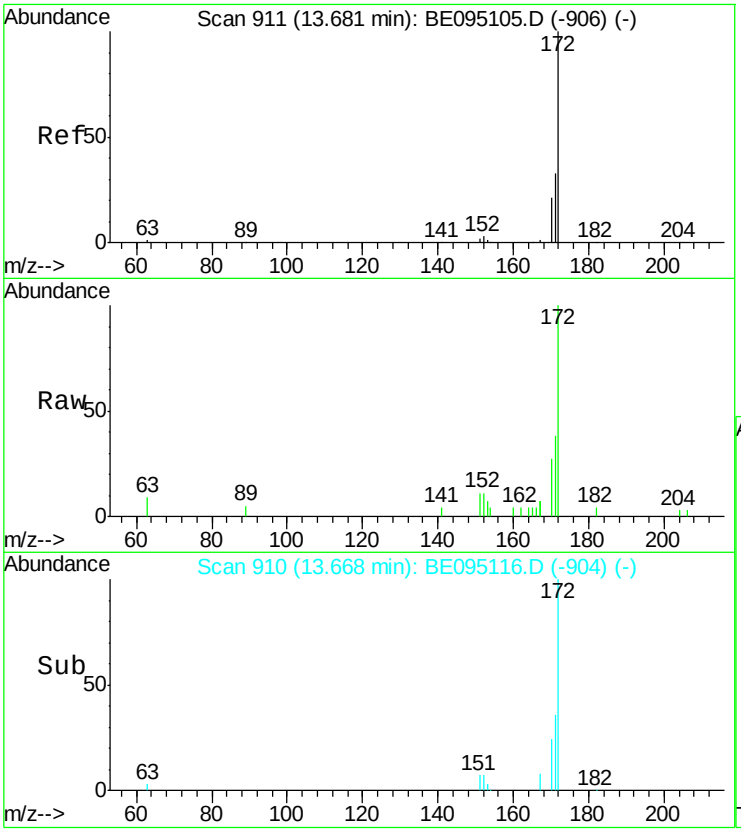


#14
2,4,6-Tribromophenol
Concen: 0.138 ng
RT: 16.50 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:330 Resp: 104

Ion	Ratio	Lower	Upper
330	100		
332	78.8	152.7	229.1#
141	65.4	33.7	50.5#



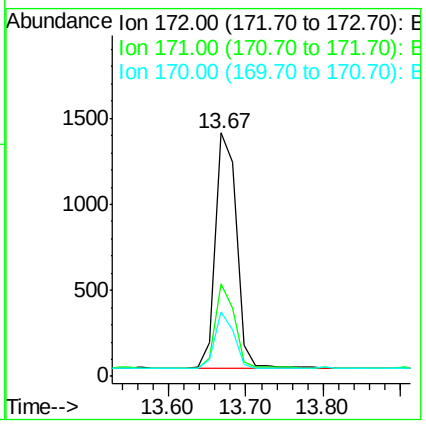


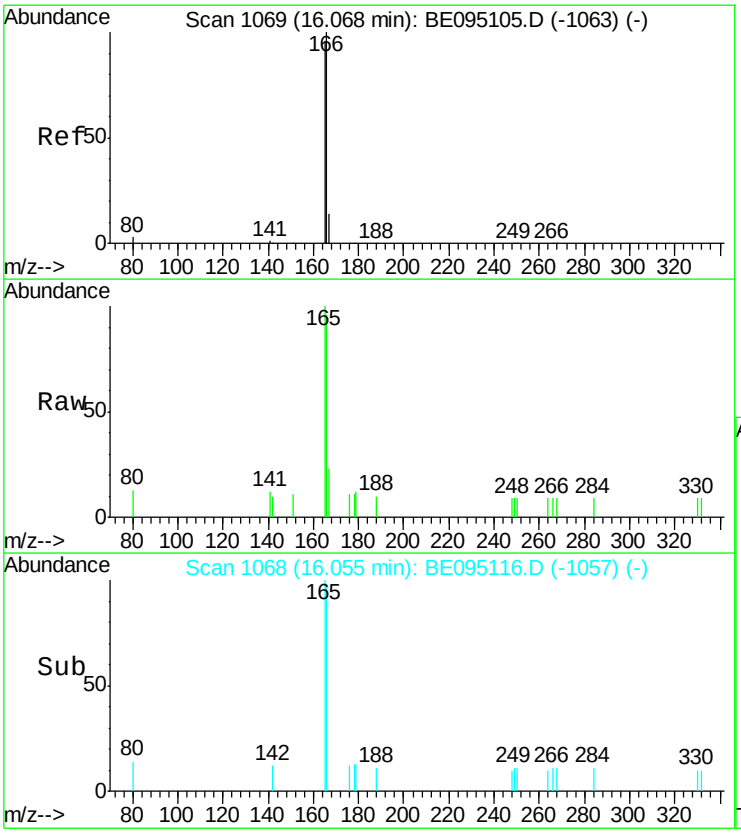
#15
2-Fluorobiphenyl
Concen: 0.080 ng
RT: 13.67 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:172 Resp: 2579

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.9	44.9
170	26.6	21.8	32.8

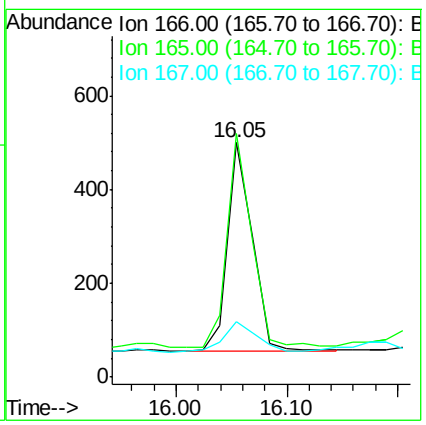


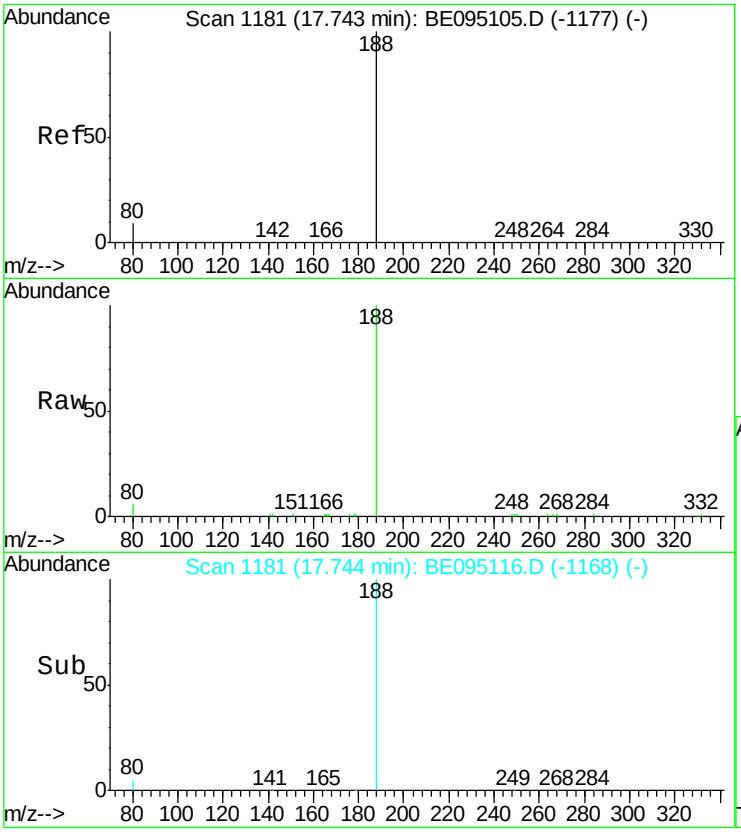


#18
Fluorene
Concen: 0.022 ng
RT: 16.05 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:166 Resp: 702

Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.8	116.6
167	19.5	42.4	63.6#



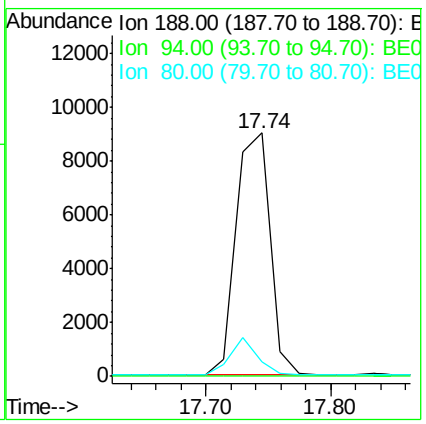


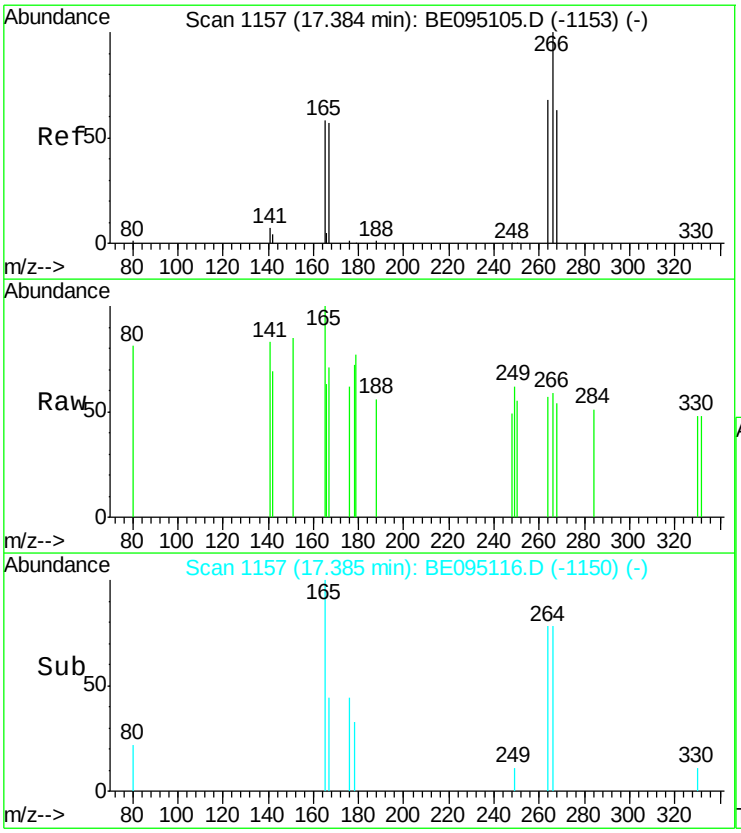
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:188 Resp: 16948

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

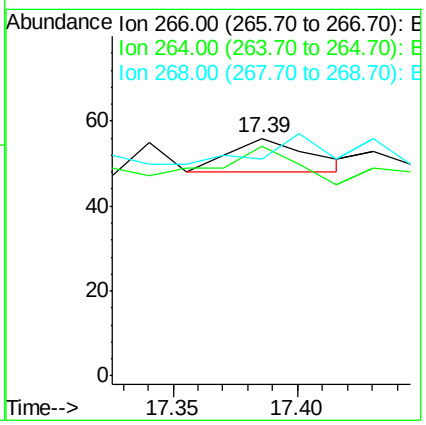


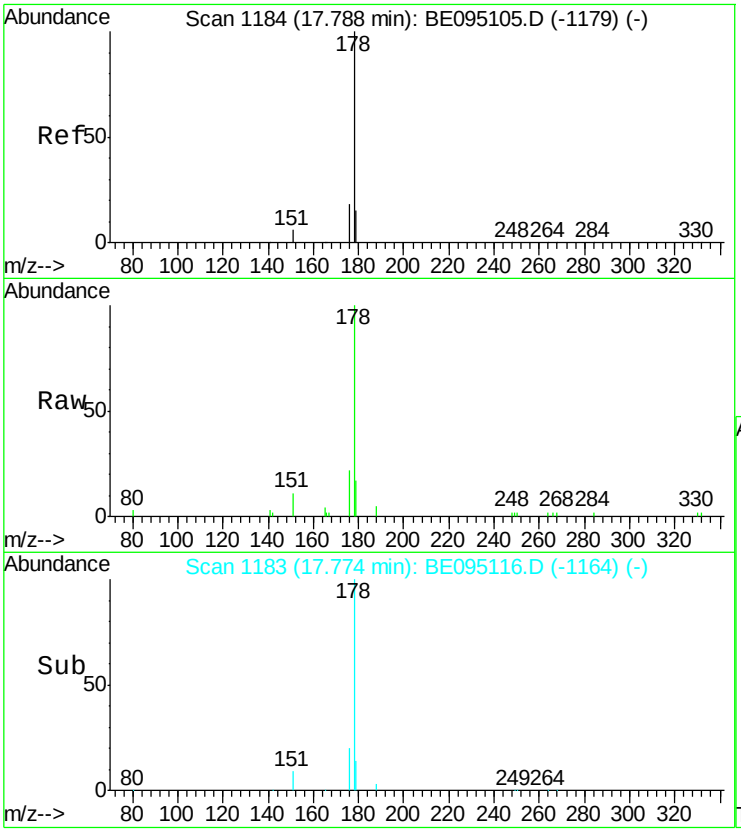


#22
Pentachlorophenol
Concen: 0.040 ng
RT: 17.39 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:266 Resp: 18

Ion	Ratio	Lower	Upper
266	100		
264	96.4	72.5	108.7
268	91.1	73.8	110.6



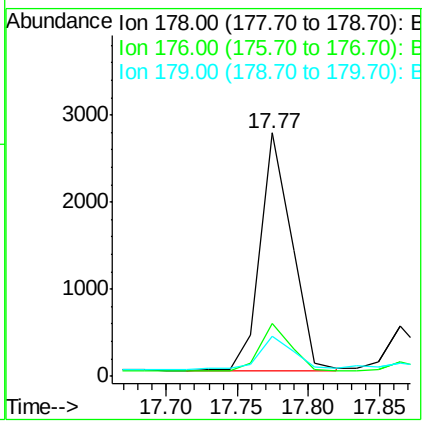


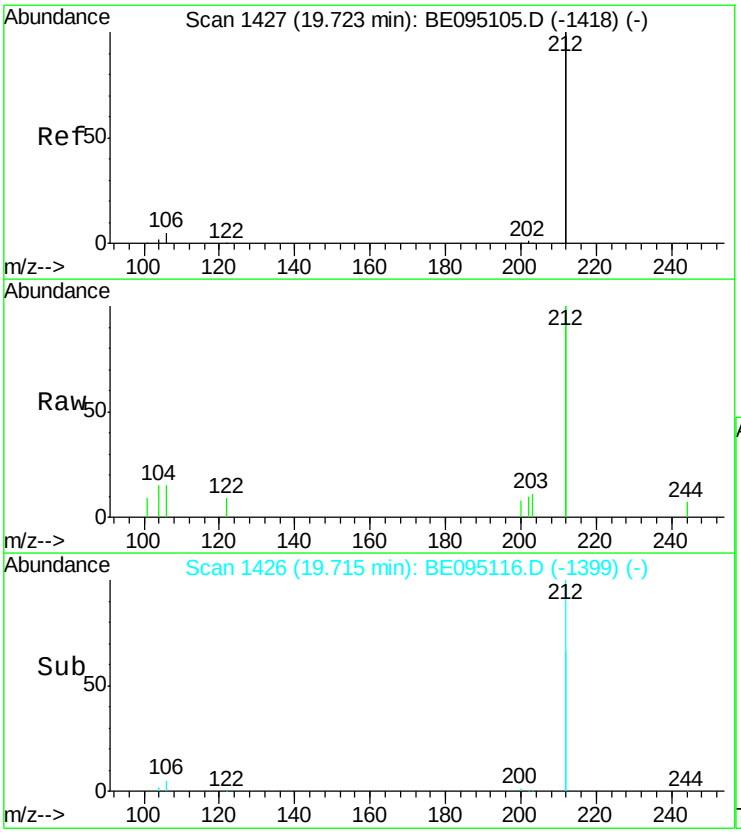
#23
Phenanthrene
Concen: 0.079 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:178 Resp: 4135

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.7	11.8	17.6

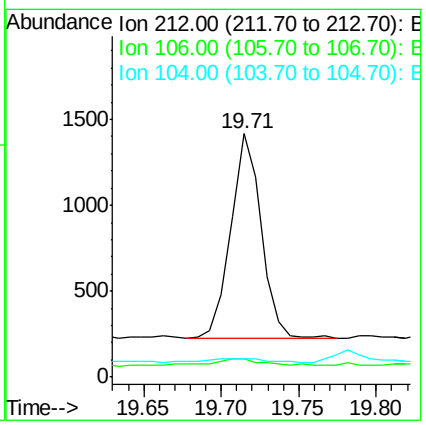


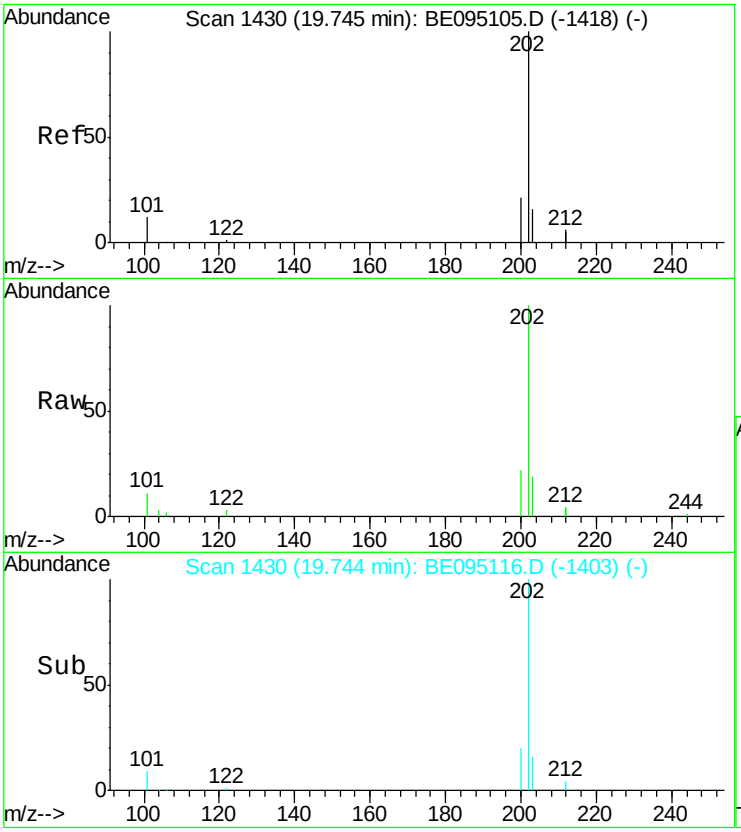


#25
Fluoranthene-d10
Concen: 0.008 ng
RT: 19.71 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:212 Resp: 1636

Ion	Ratio	Lower	Upper
212	100		
106	8.1	2.8	4.2#
104	3.6	1.6	2.4#



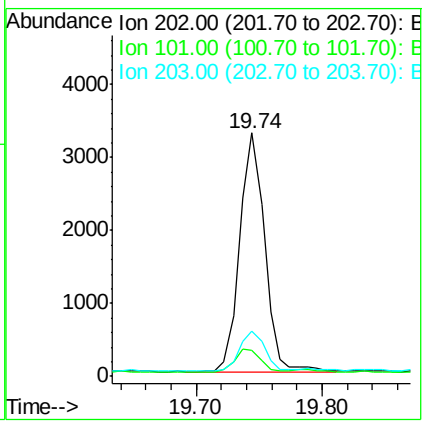


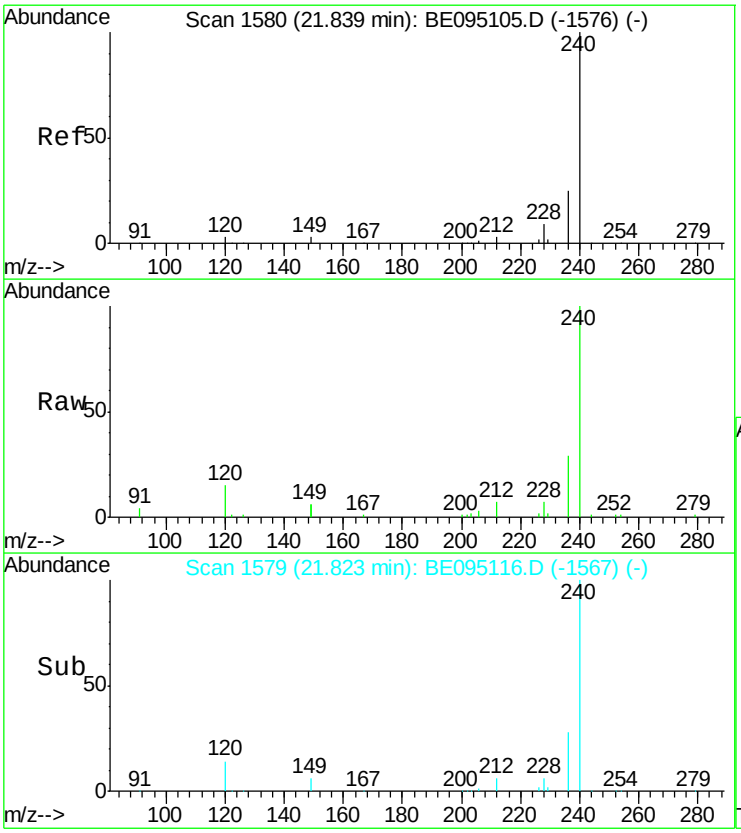
#26
Fluoranthene
Concen: 0.072 ng
RT: 19.74 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:202 Resp: 4500

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	17.0	13.7	20.5

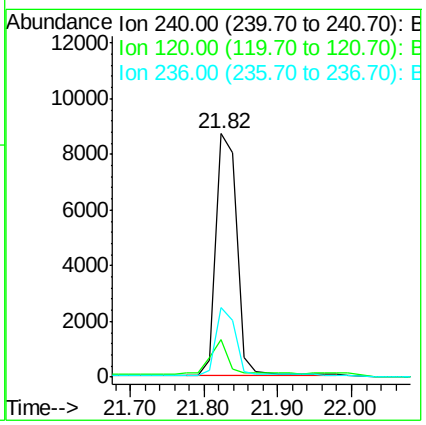


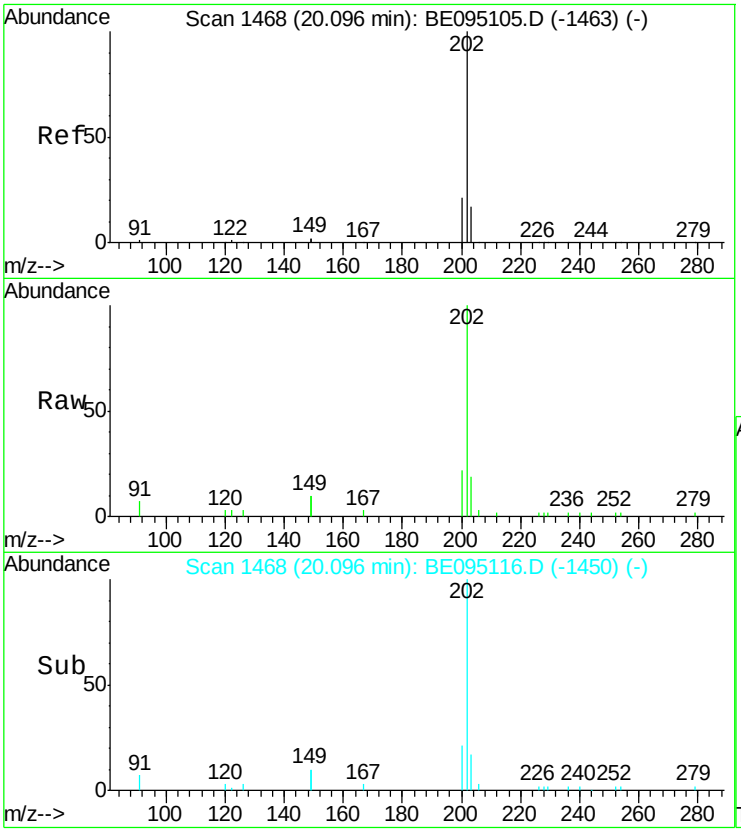


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.82 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:240 Resp: 17000

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.5	8.3#
236	28.6	20.7	31.1



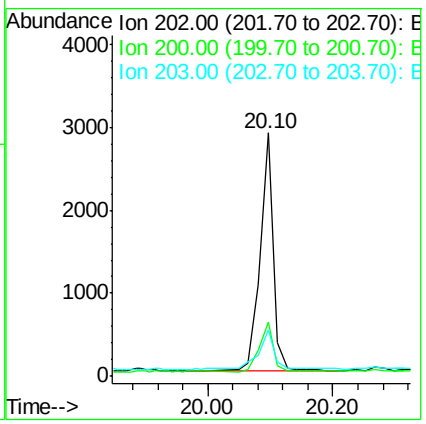


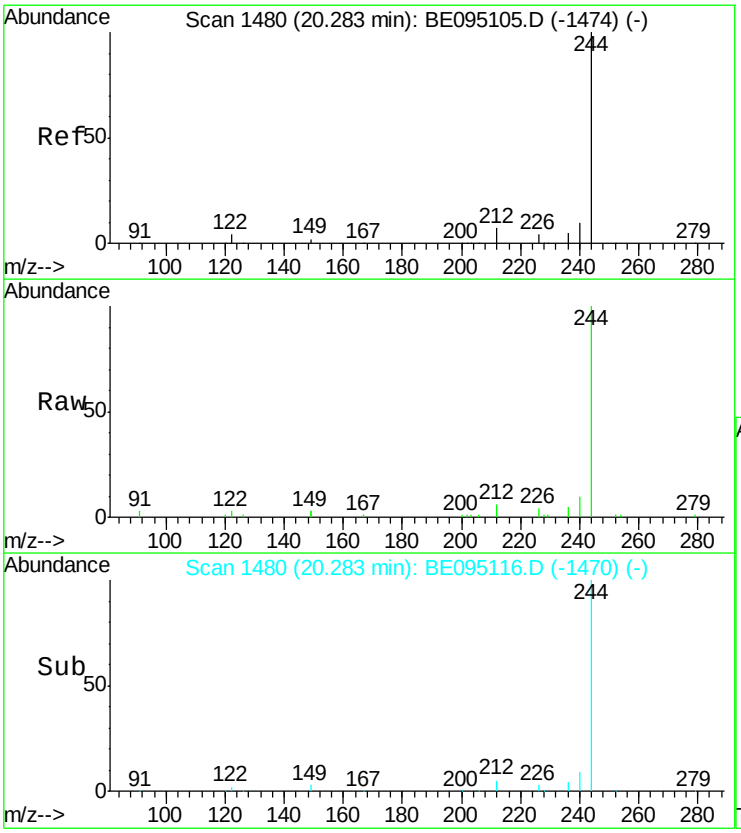
#28
Pyrene
Concen: 0.059 ng
RT: 20.10 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:202 Resp: 4223

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	25.0
203	24.1	13.8	20.8#

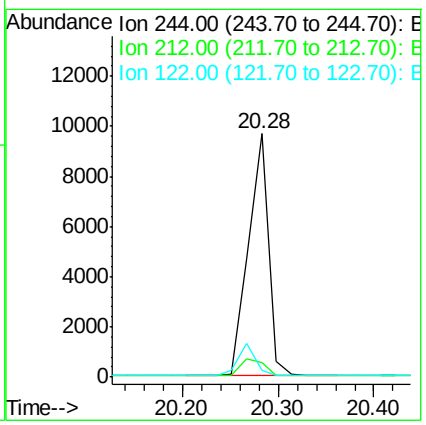


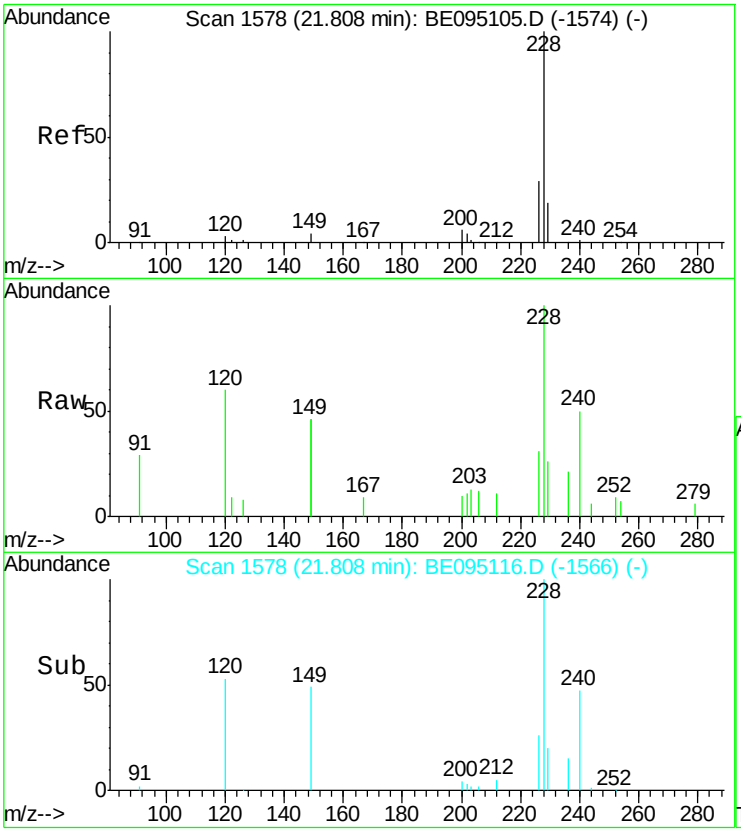


#29
Terphenyl-d14
Concen: 0.403 ng
RT: 20.28 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:244 Resp: 14038

Ion	Ratio	Lower	Upper
244	100		
212	5.7	25.4	38.0#
122	2.9	8.1	12.1#



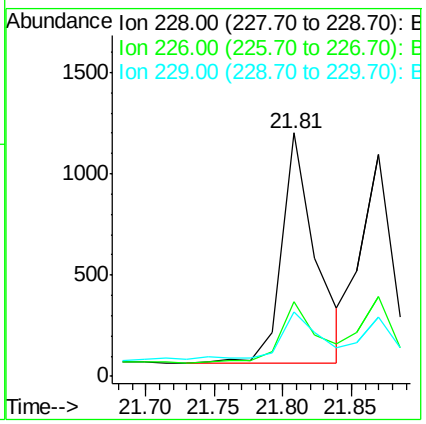


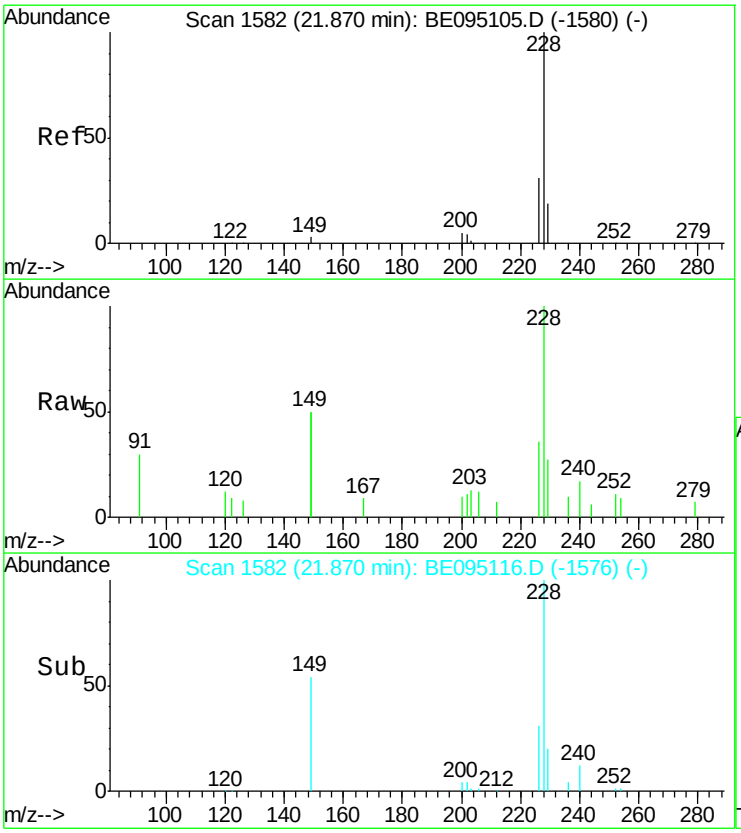
#30
Benzo(a)anthracene
Concen: 0.037 ng
RT: 21.81 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:228 Resp: 1957

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	26.2	16.0	24.0#

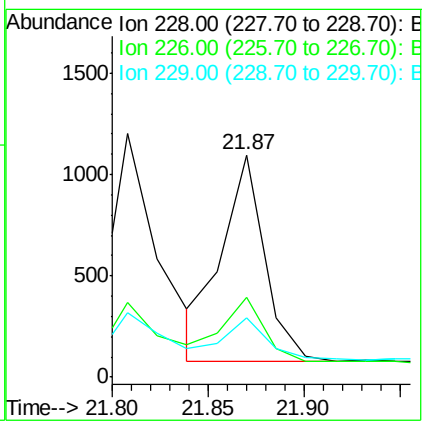


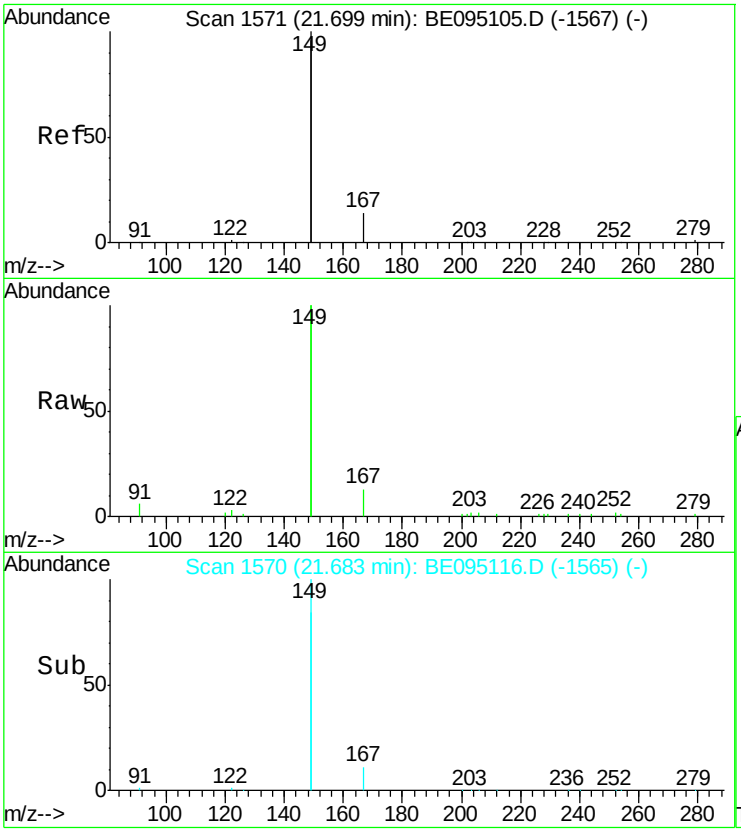


#31
Chrysene
Concen: 0.029 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:228 Resp: 1576

Ion	Ratio	Lower	Upper
228	100		
226	35.7	24.0	36.0
229	26.8	16.0	24.0#



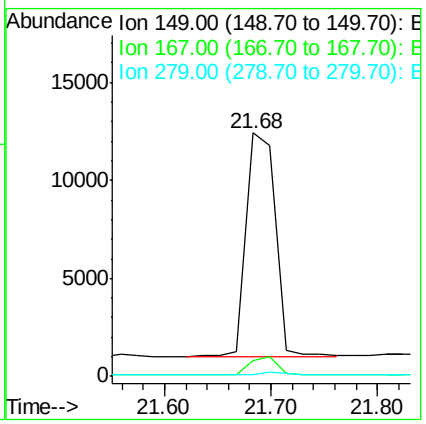


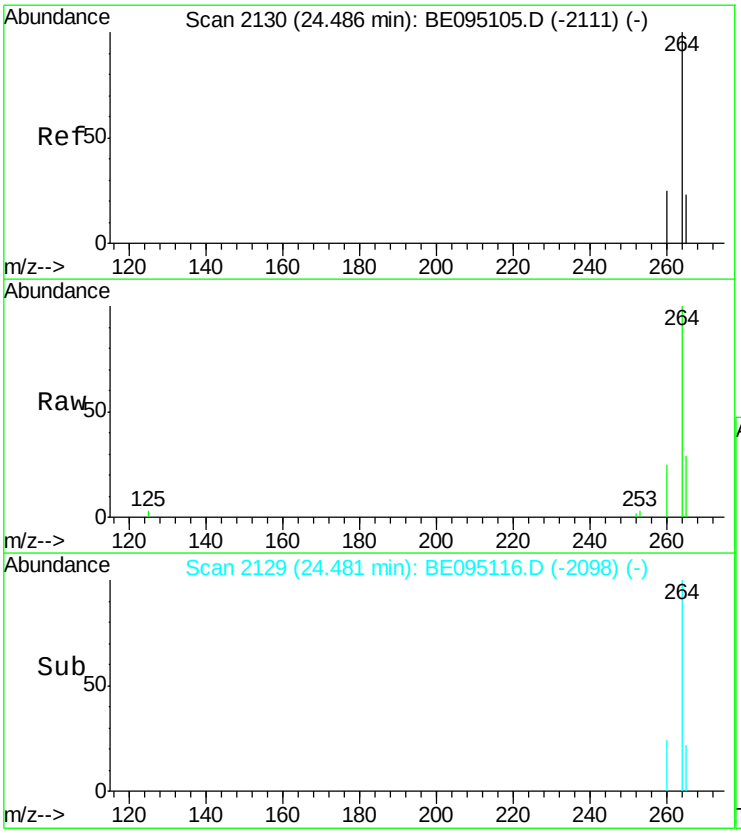
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.293 ng
RT: 21.68 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:149 Resp: 21664

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.1	0.7	1.1#

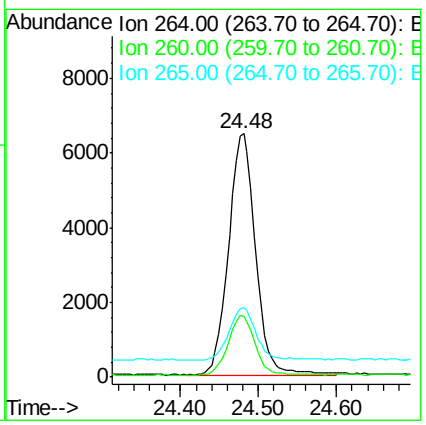


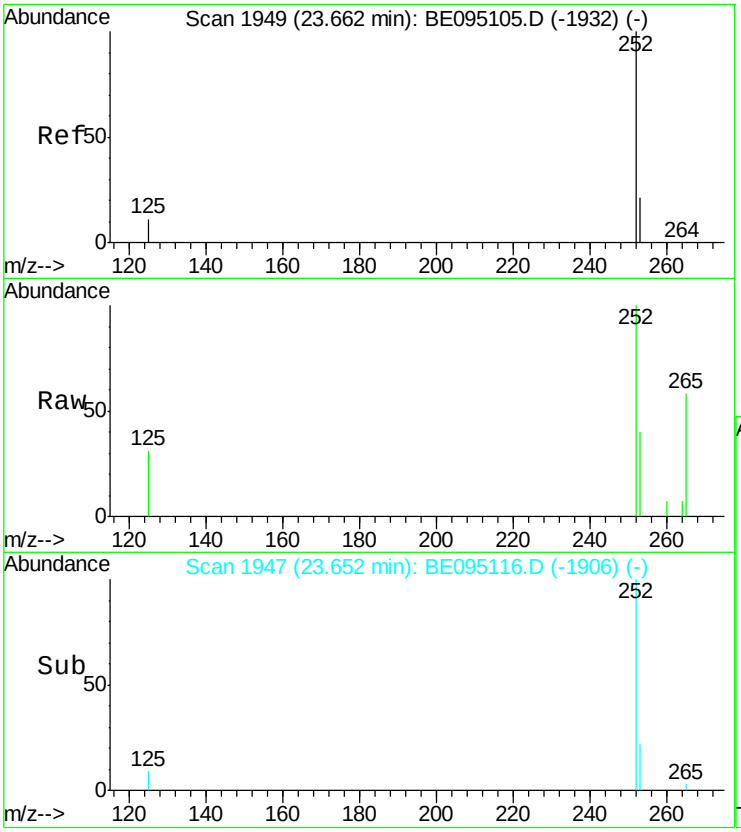


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.48 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:264 Resp: 15458

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	28.7	22.8	34.2



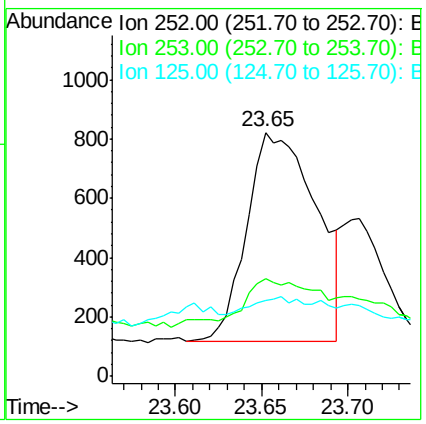


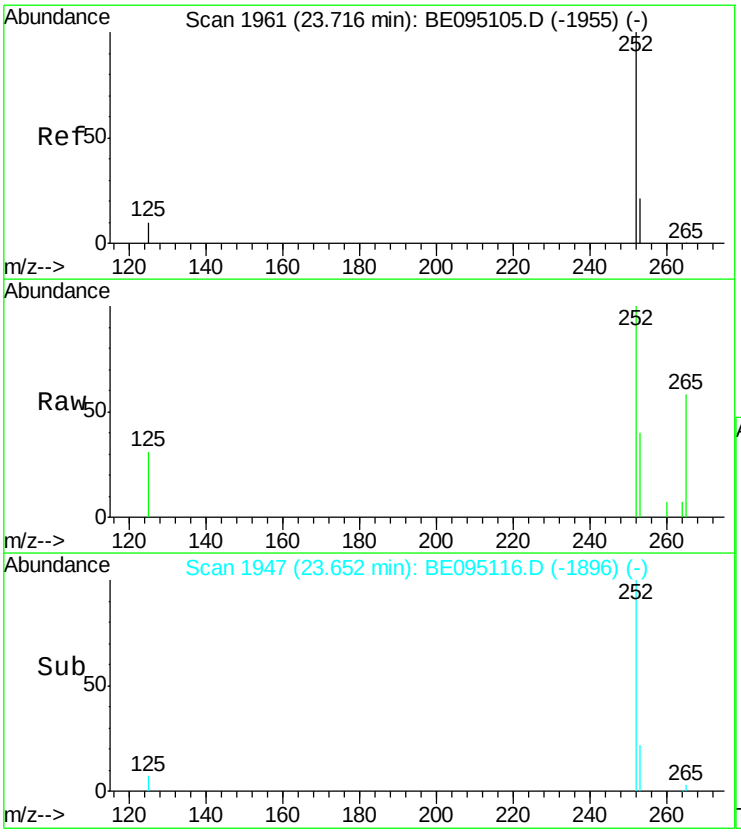
#35
Benzo(b)fluoranthene
Concen: 0.036 ng
RT: 23.65 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:252 Resp: 1974

Ion	Ratio	Lower	Upper
252	100		
253	40.3	20.0	30.0#
125	30.9	16.0	24.0#

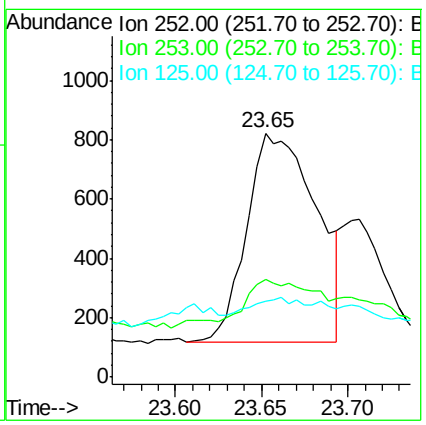


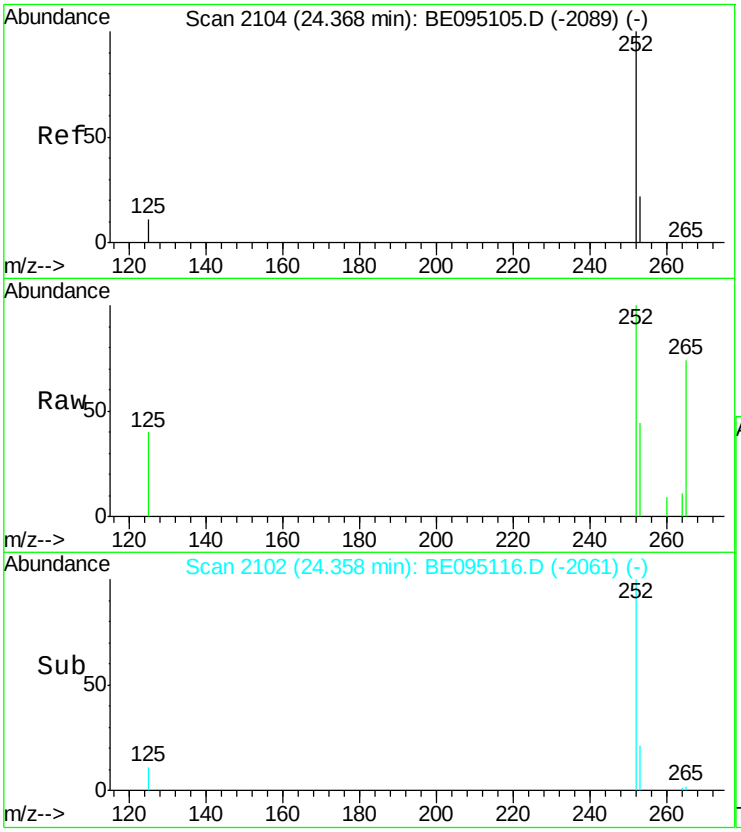


#36
Benzo(k)fluoranthene
Concen: 0.035 ng
RT: 23.65 min Scan# 1947
Delta R.T. -0.07 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:252 Resp: 1974

Ion	Ratio	Lower	Upper
252	100		
253	40.3	16.0	24.0#
125	30.9	8.0	12.0#



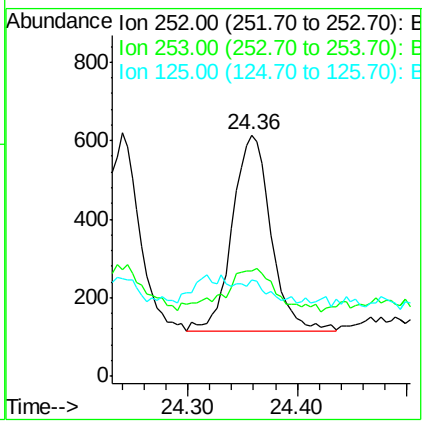


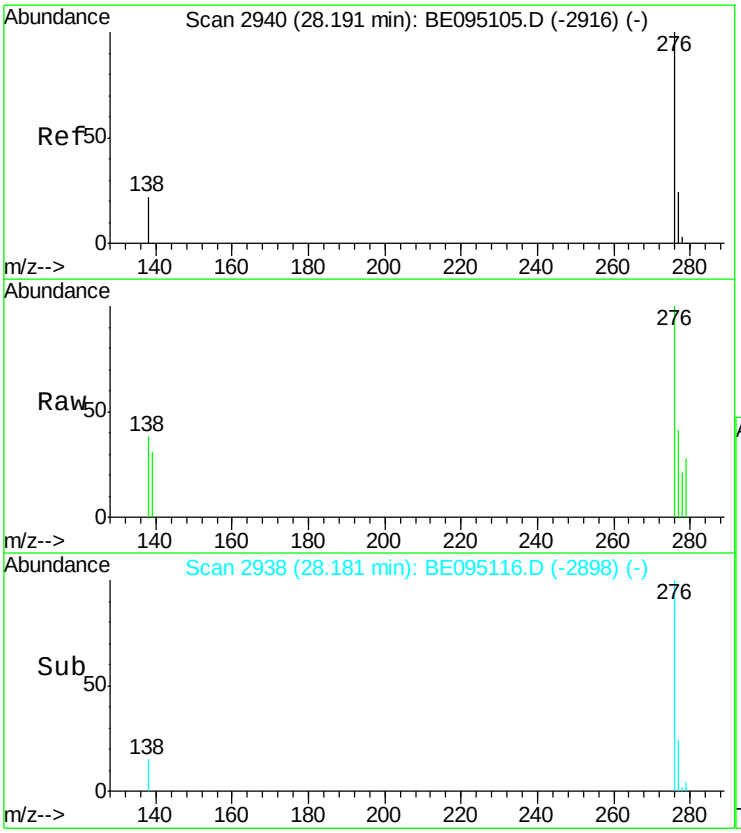
#37
Benzo(a)pyrene
Concen: 0.024 ng
RT: 24.36 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Instrument :
BNA_E
ClientSampleId :
TW-2DL2

Tgt Ion:252 Resp: 1217

Ion	Ratio	Lower	Upper
252	100		
253	43.8	16.0	24.0#
125	39.7	12.0	18.0#





#39
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 28.18 min Scan# 2938
Delta R.T. -0.02 min
Lab File: BE095116.D
Acq: 25 Jan 2018 15:30

Tgt Ion:276 Resp: 964

Ion	Ratio	Lower	Upper
276	100		
277	40.7	16.0	24.0#
138	38.4	20.0	30.0#