Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
Data File : BE096271.D
Acq On : 1 May 2018 23:32
Operator : SJ/JU
Sample : J2641-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 02 02:00:04 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	827	0.40	ng		0.00
7) Naphthalene-d8	11.19	136	3120	0.40	ng		0.00
13) Acenaphthene-d10	14.94	164	1736	0.40	ng		0.00
19) Phenanthrene-d10	17.65	188	4104	0.40	ng		0.00
27) Chrysene-d12	21.74	240	4068	0.40	ng		0.00
34) Perylene-d12	24.35	264	3980	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.87	112	377	0.15	ng		0.01
5) Phenol-d6	7.52	99	345	0.10	ng		0.01
8) Nitrobenzene-d5	9.54	82	1645	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.73	152	1560	0.32	ng		0.00
14) 2,4,6-Tribromophenol	16.41	330	306	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.57	172	3568	0.48	ng		0.00
25) Fluoranthene-d10	19.63	212	17825	0.32	ng		0.00
29) Terphenyl-d14	20.19	244	4687	0.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	71	0.056	ng	#	1
3) n-Nitrosodimethylamine	3.94	42	278	0.178	ng	#	1
6) bis(2-Chloroethyl)ether	7.67	93	848	0.273	ng	#	1
12) 2-Methylnaphthalene	12.81	142	171	0.031	ng	#	75
22) Pentachlorophenol	17.31	266	25	0.158	ng		98
23) Phenanthrene	17.68	178	1894	0.164	ng		97
26) Fluoranthene	19.67	202	4997	0.330	ng	#	95
28) Pyrene	20.00	202	231	0.029	ng	#	4
30) Benzo(a)anthracene	21.79	228	2779	0.213	ng	#	78
31) Chrysene	21.79	228	2424	0.192	ng	#	78
32) Bis(2-ethylhexyl)phthalate	21.60	149	206193	6.124	ng		100
33) Indeno(1,2,3-cd)pyrene	27.13	276	854	0.070	ng	#	82
35) Benzo(b)fluoranthene	23.55	252	2283	0.191	ng	#	18
36) Benzo(k)fluoranthene	23.55	252	2283	0.186	ng	#	1
37) Benzo(a)pyrene	24.23	252	571	0.050	ng	#	1
39) Benzo(g,h,i)perylene	27.99	276	935	0.087	ng	#	54

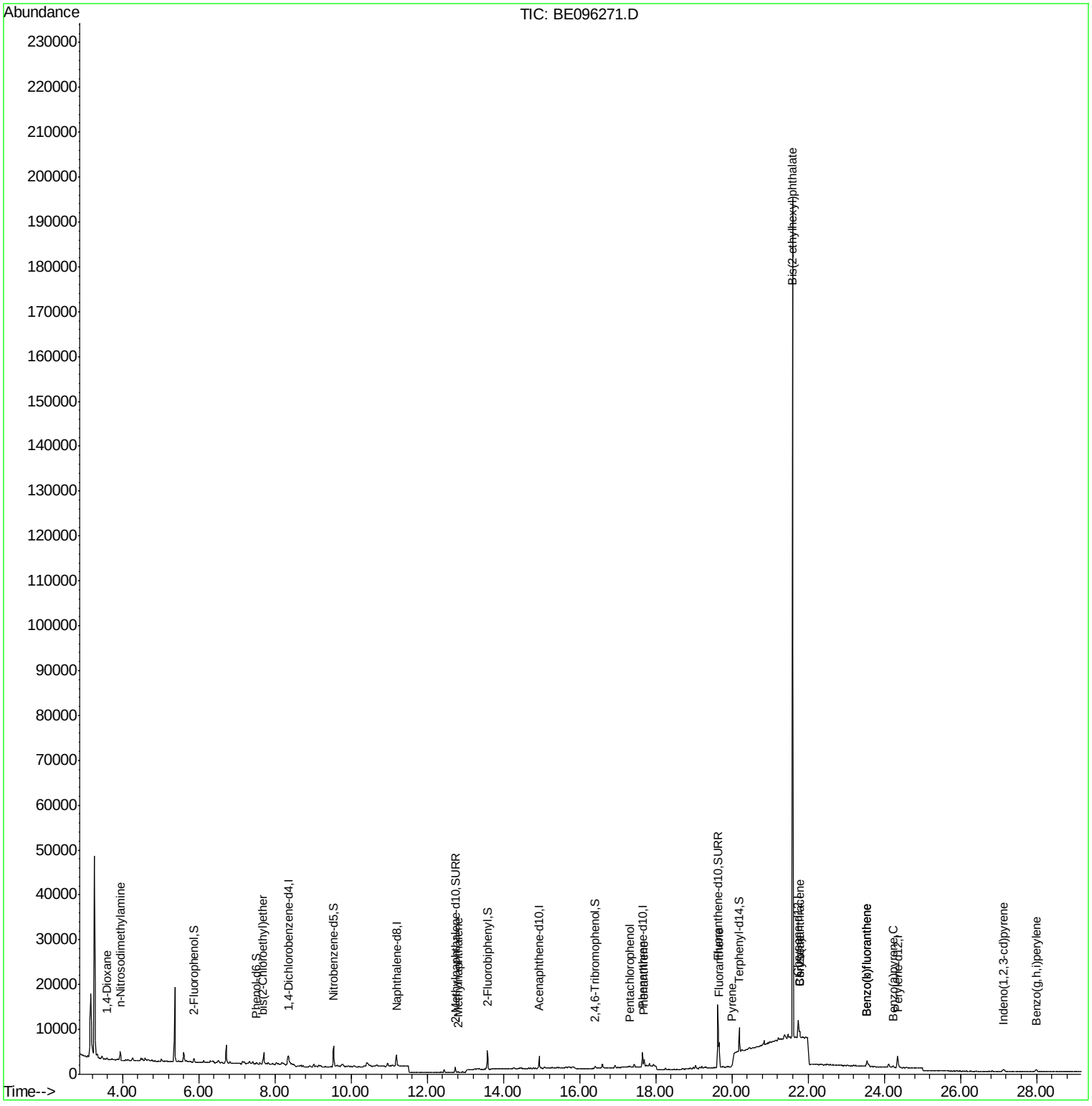
(#) = qualifier out of range (m) = manual integration (+) = signals summed

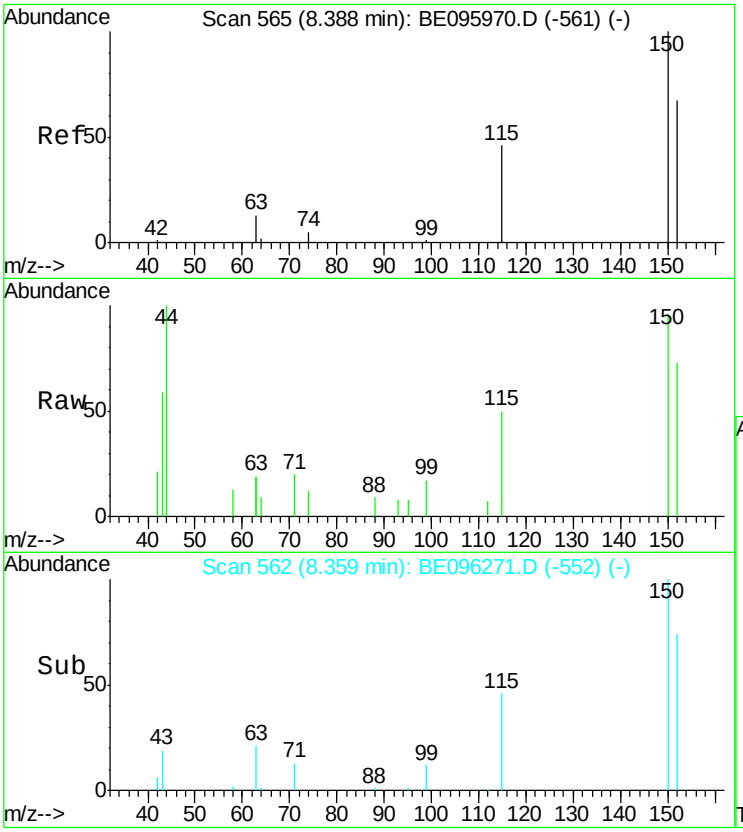
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
Data File : BE096271.D
Acq On : 1 May 2018 23:32
Operator : SJ/JU
Sample : J2641-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 02 02:00:04 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration



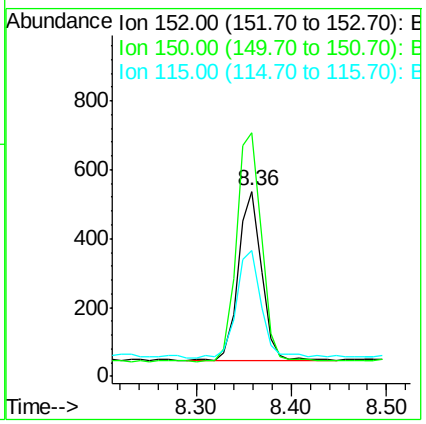


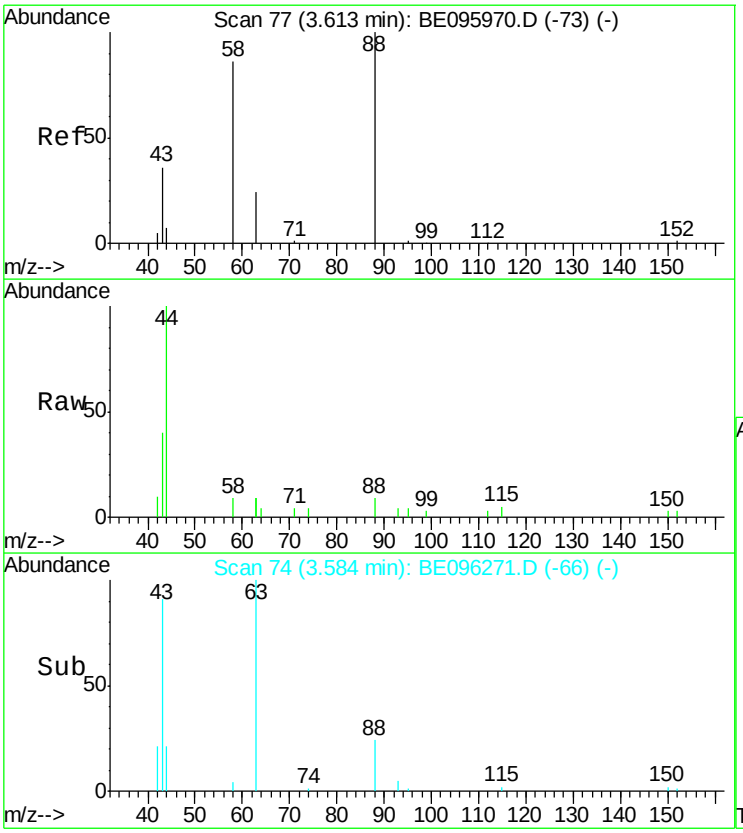
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 827

Ion	Ratio	Lower	Upper
152	100		
150	131.4	117.2	175.8
115	67.8	57.0	85.6

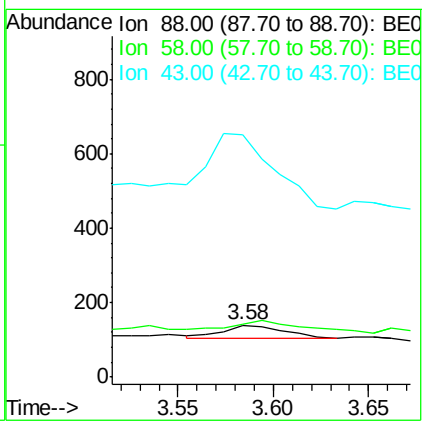


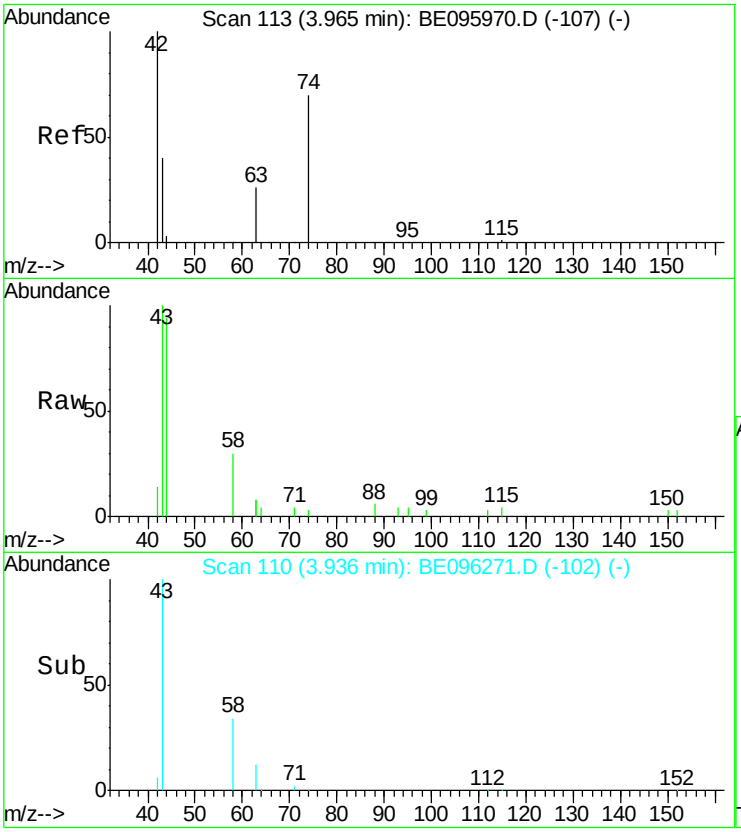


#2
1,4-Dioxane
Concen: 0.056 ng
RT: 3.58 min Scan# 74
Delta R.T. -0.02 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion: 88 Resp: 71

Ion	Ratio	Lower	Upper
88	100		
58	126.8	63.2	94.8#
43	769.0	41.2	61.8#



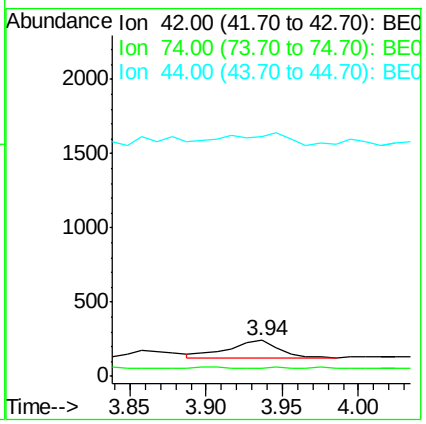


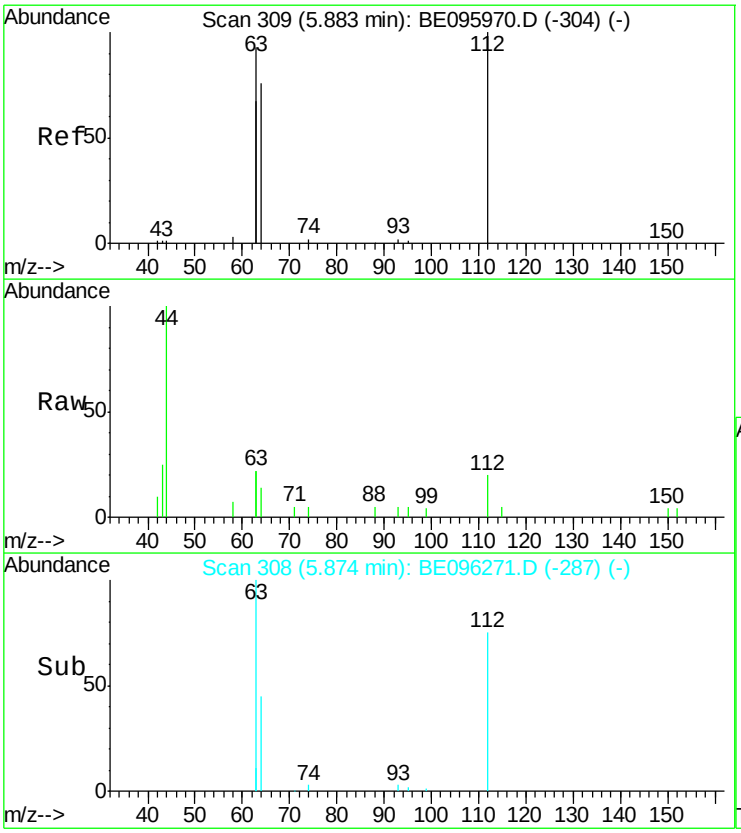
#3
n-Nitrosodimethylamine
Concen: 0.178 ng
RT: 3.94 min Scan# 110
Delta R.T. -0.02 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 278

Ion	Ratio	Lower	Upper
42	100		
74	1.4	96.0	144.0#
44	77.0	12.0	18.0#

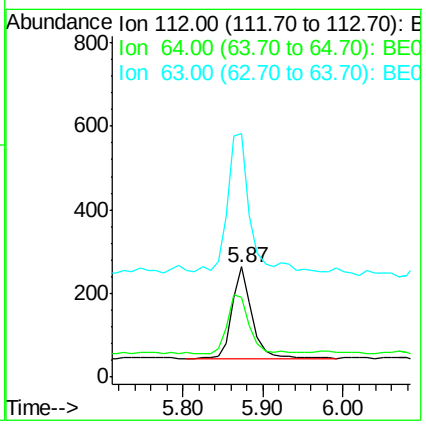


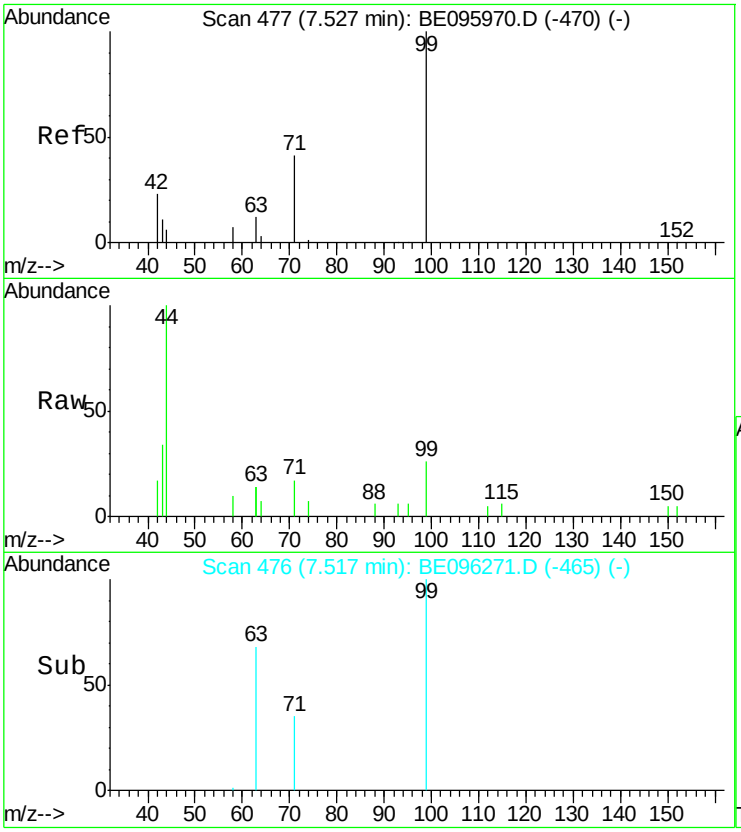


#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.87 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:112 Resp: 377

Ion	Ratio	Lower	Upper
112	100		
64	73.7	60.1	90.1
63	188.9	116.8	175.2#



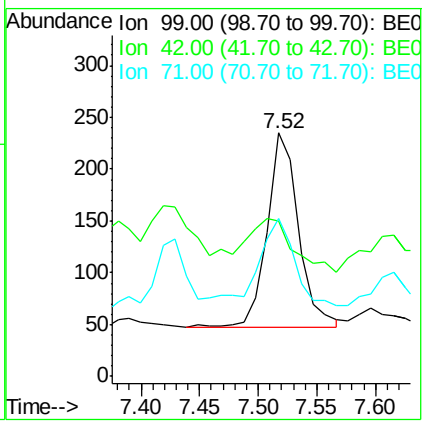


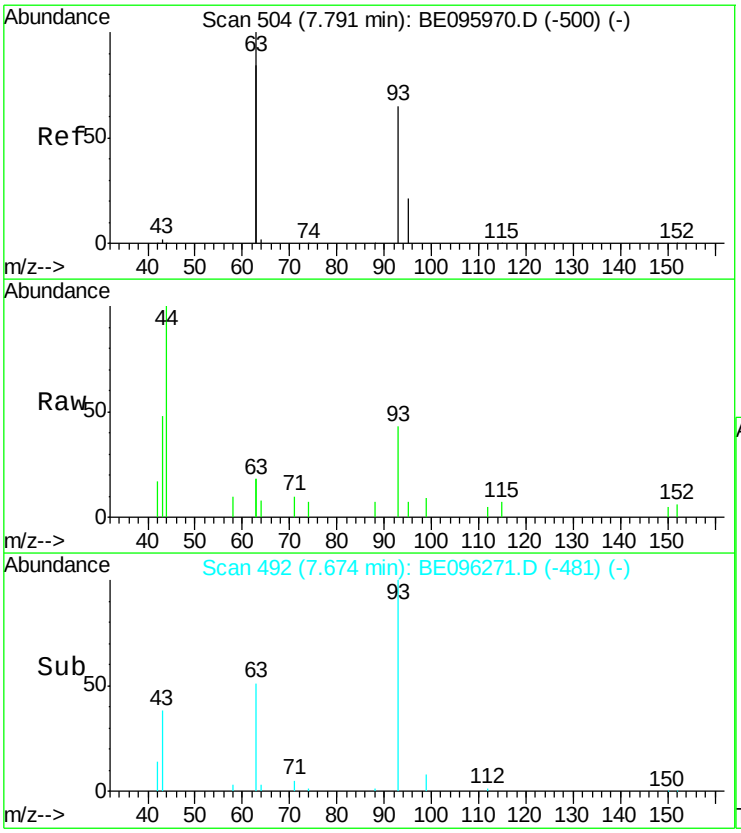
#5
Phenol-d6
Concen: 0.098 ng
RT: 7.52 min Scan# 476
Delta R.T. 0.01 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 345

Ion	Ratio	Lower	Upper
99	100		
42	39.7	20.2	30.2#
71	51.3	28.4	42.6#

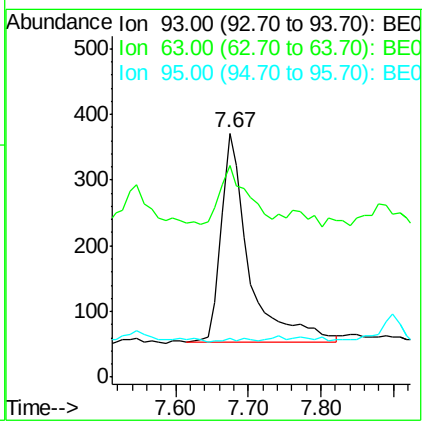


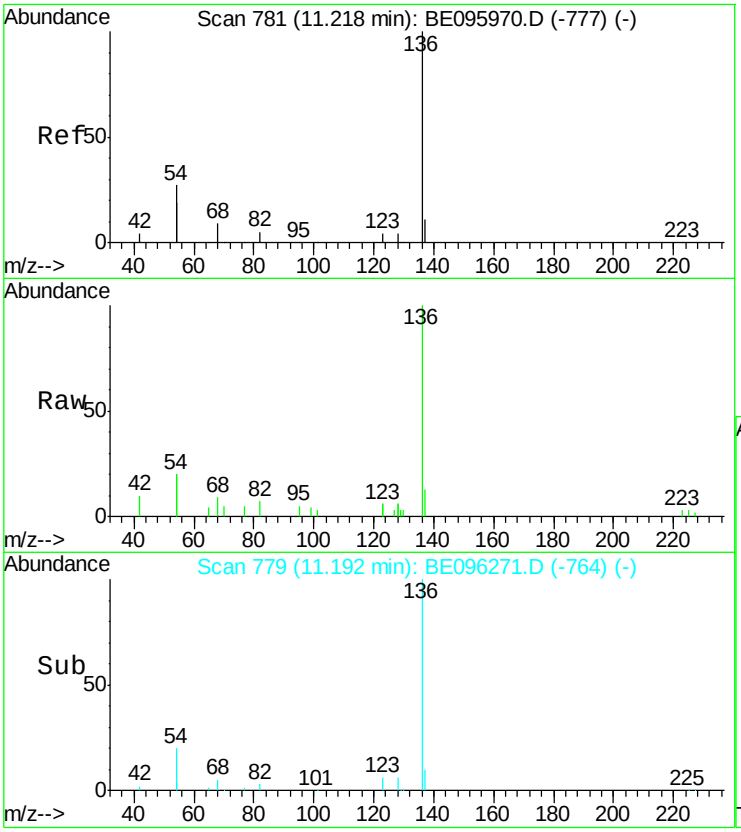


#6
bis(2-Chloroethyl)ether
Concen: 0.273 ng
RT: 7.67 min Scan# 492
Delta R.T. -0.09 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion: 93 Resp: 848

Ion	Ratio	Lower	Upper
93	100		
63	27.4	275.3	412.9#
95	1.3	25.2	37.8#



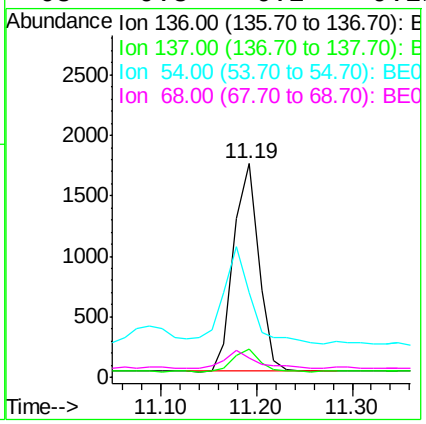


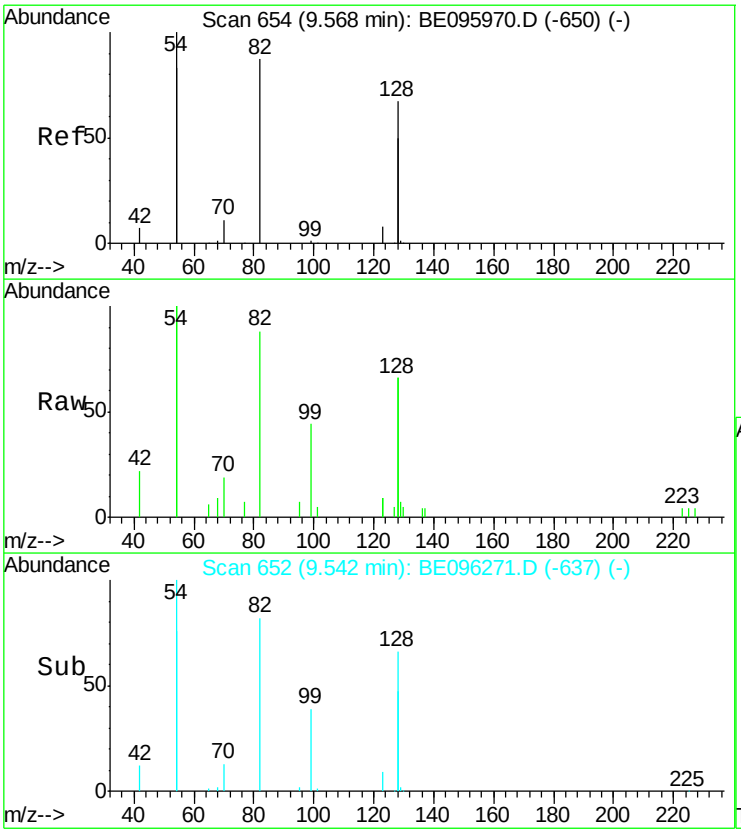
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3120

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	39.6	29.1	43.7
68	9.3	6.2	9.2#

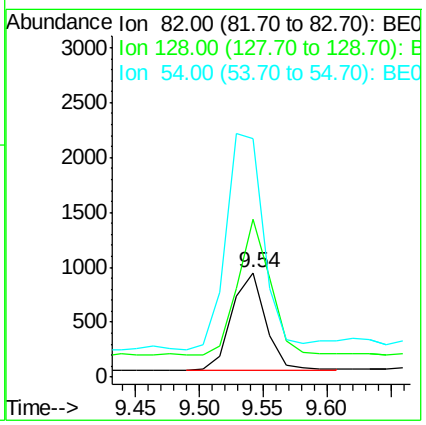


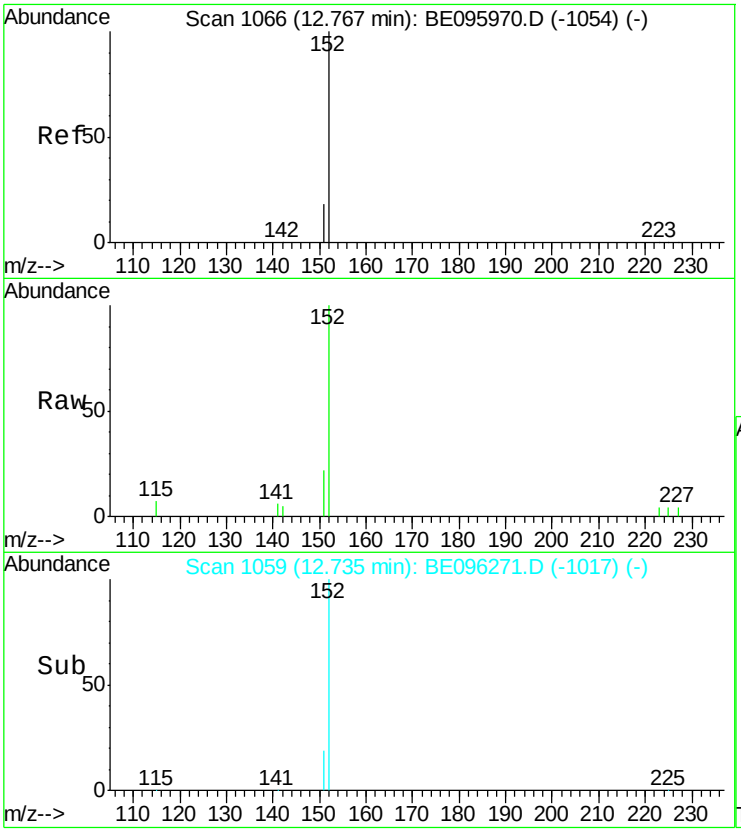


#8
Nitrobenzene-d5
Concen: 0.450 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion: 82 Resp: 1645

Ion	Ratio	Lower	Upper
82	100		
128	150.8	150.0	225.0
54	228.0	154.2	231.4



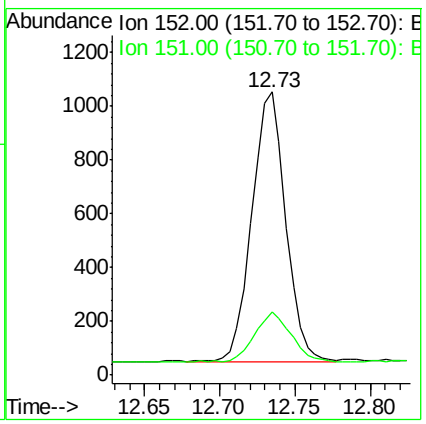


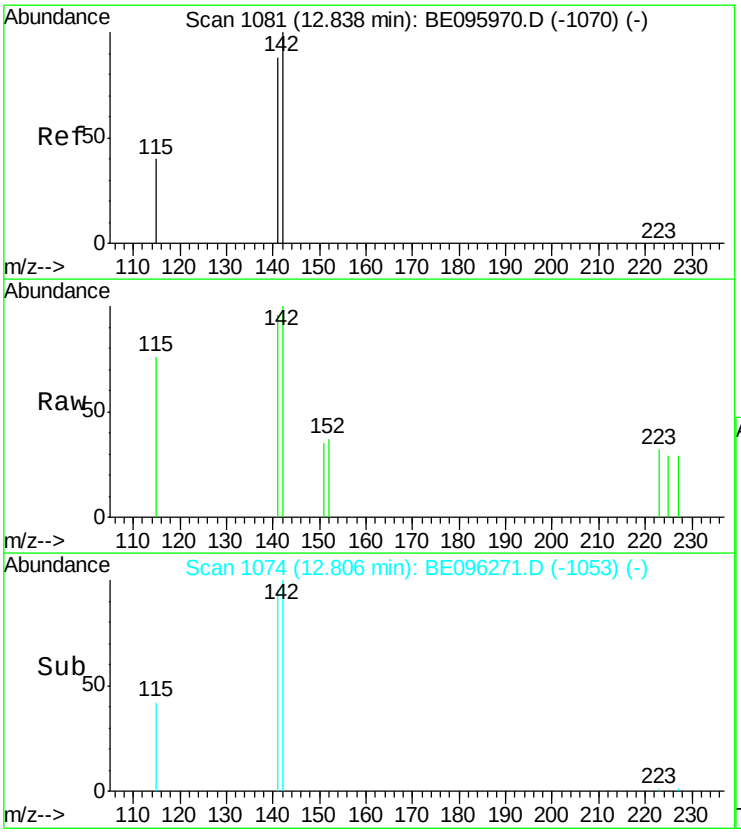
#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.73 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1560

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.4	23.0

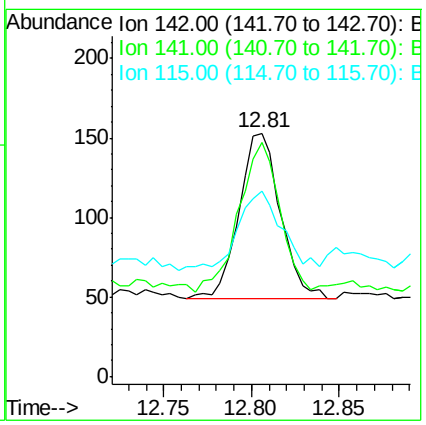


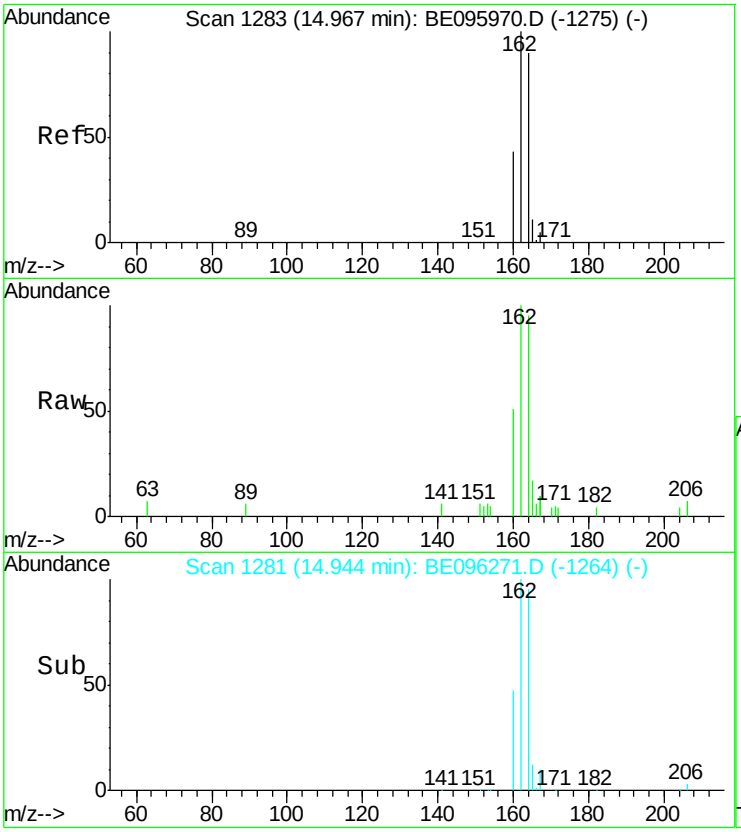


#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 12.81 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:142 Resp: 171

Ion	Ratio	Lower	Upper
142	100		
141	96.1	70.4	105.6
115	76.5	31.7	47.5#



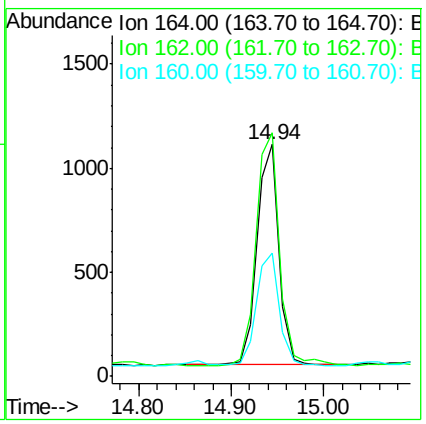


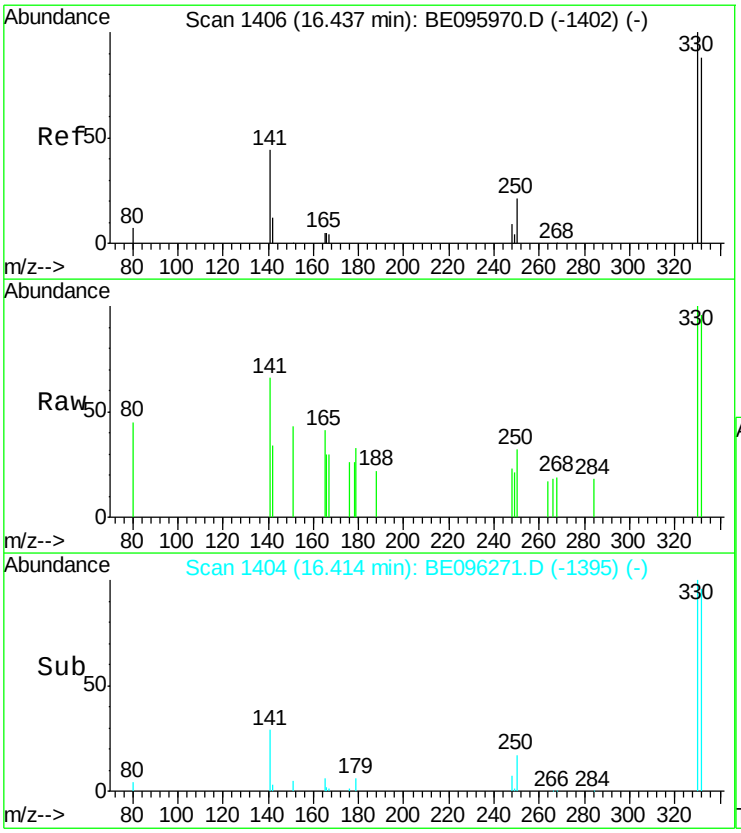
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1736

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.1	124.7
160	53.2	37.1	55.7

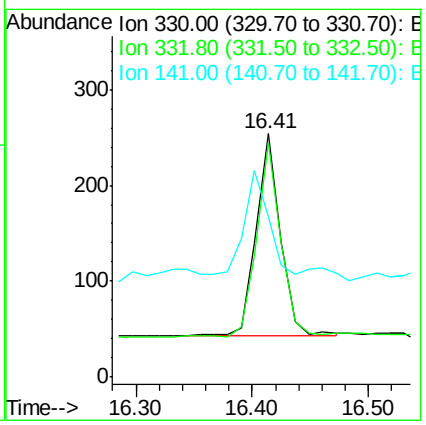


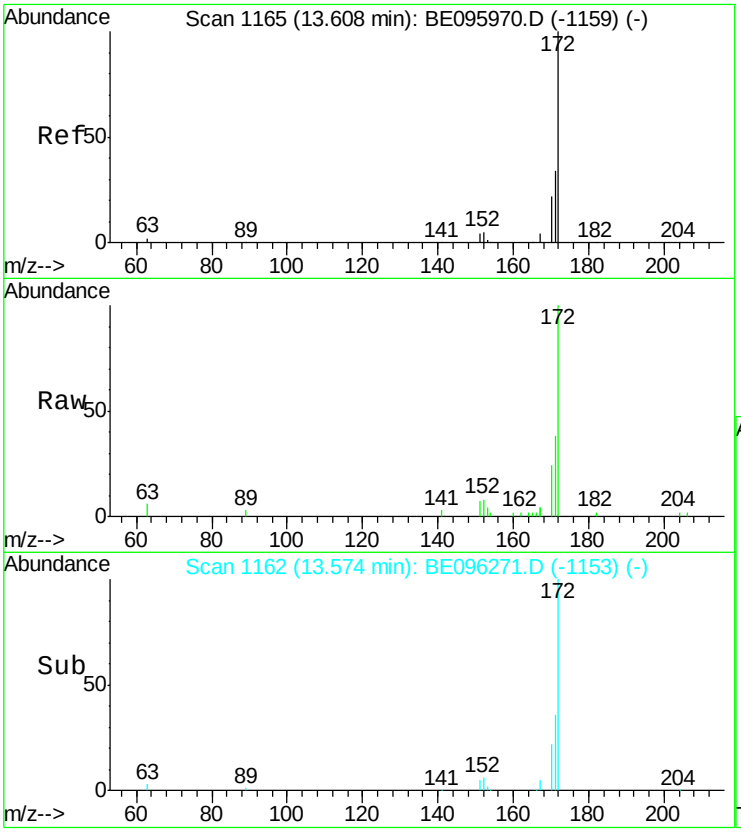


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:330 Resp: 306

Ion	Ratio	Lower	Upper
330	100		
332	95.8	152.7	229.1#
141	50.3	33.7	50.5



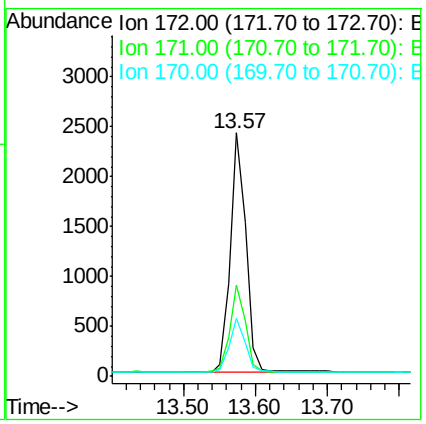


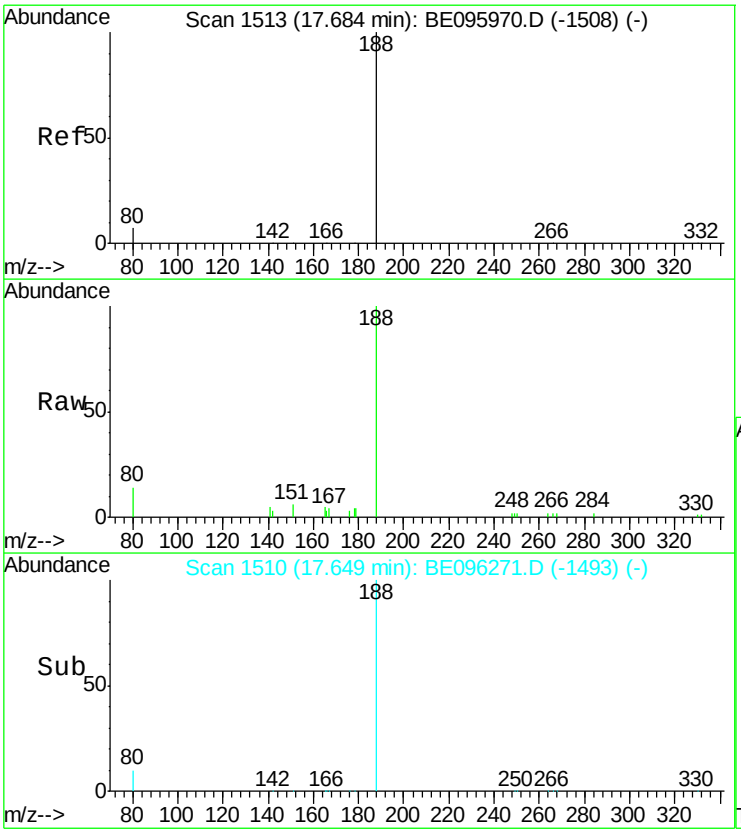
#15
2-Fluorobiphenyl
Concen: 0.480 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3568

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.9	44.9
170	23.6	21.8	32.8

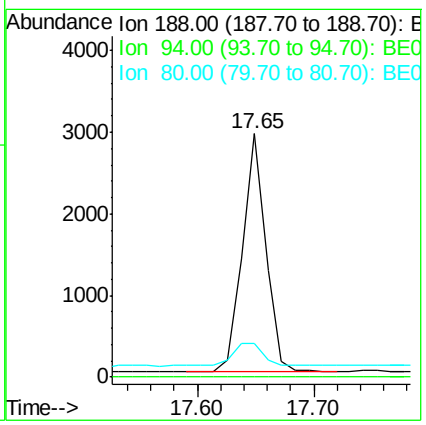


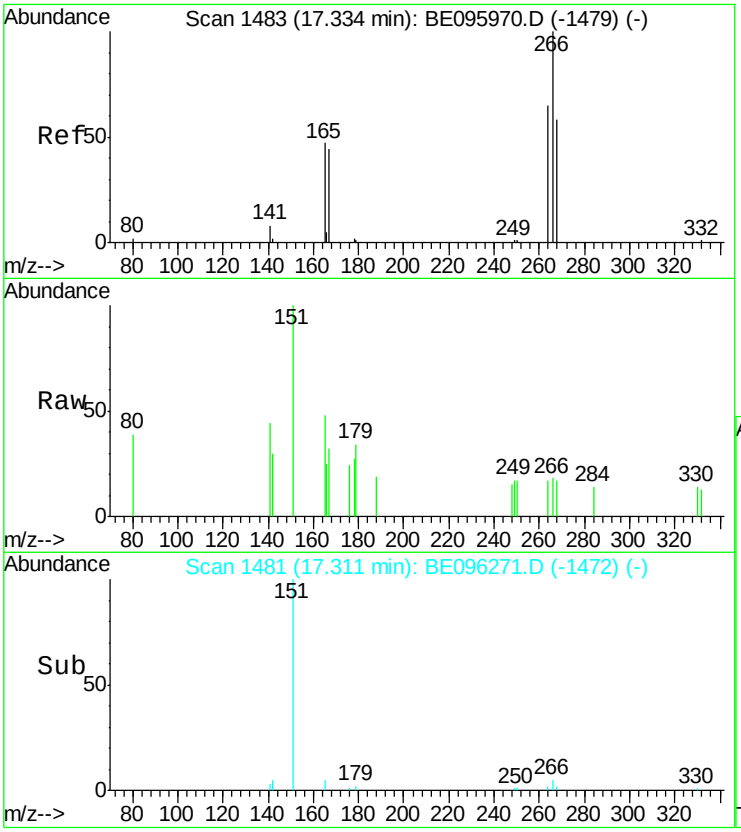


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:188 Resp: 4104

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.1	3.6	5.4#



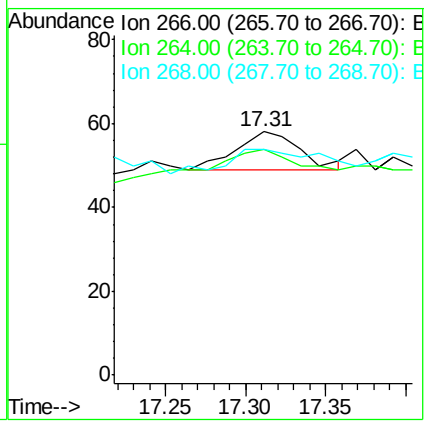


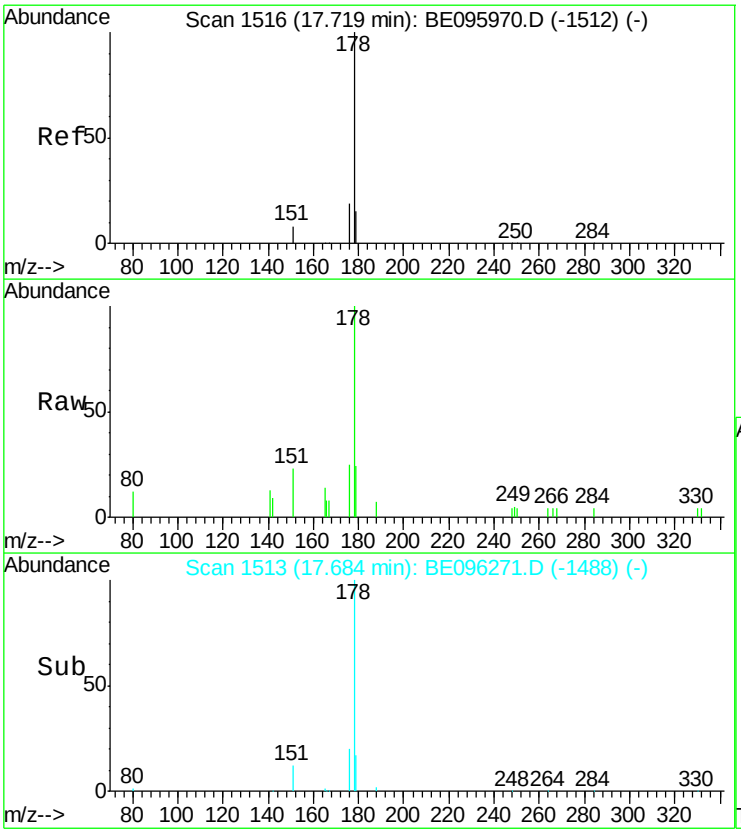
#22
Pentachlorophenol
Concen: 0.158 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 25

Ion	Ratio	Lower	Upper
266	100		
264	93.1	72.5	108.7
268	93.1	73.8	110.6

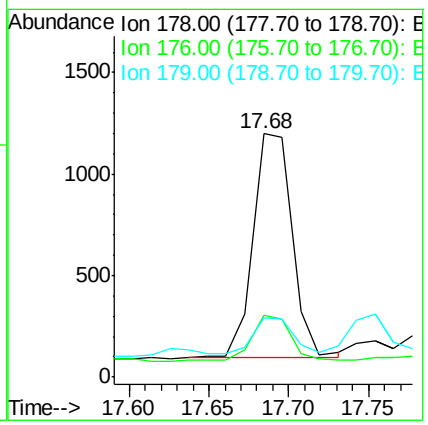


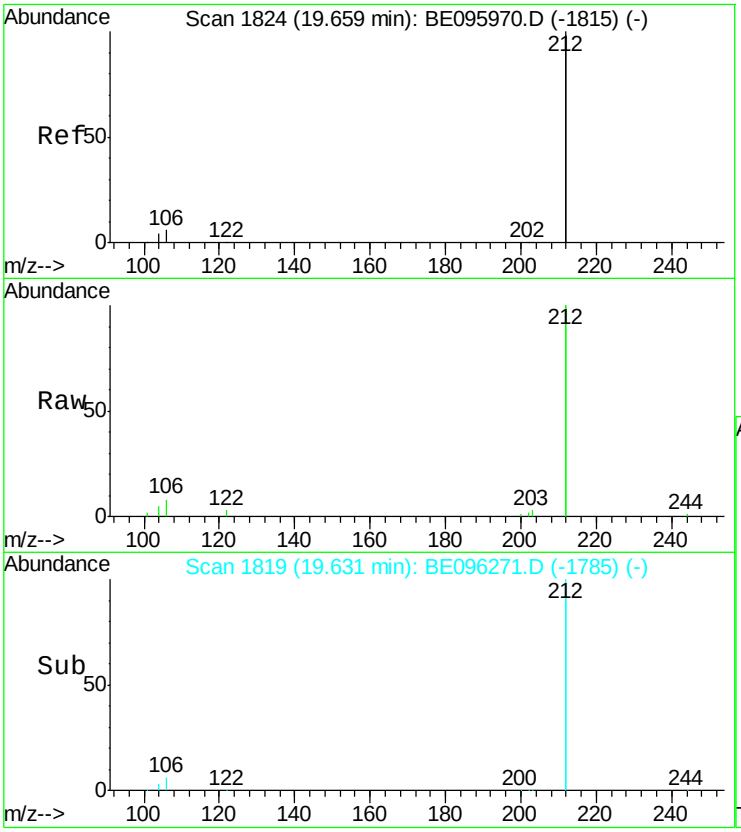


#23
Phenanthrene
Concen: 0.164 ng
RT: 17.68 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:178 Resp: 1894

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	16.4	11.8	17.6



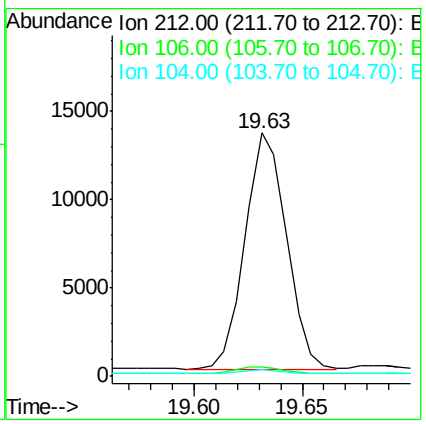


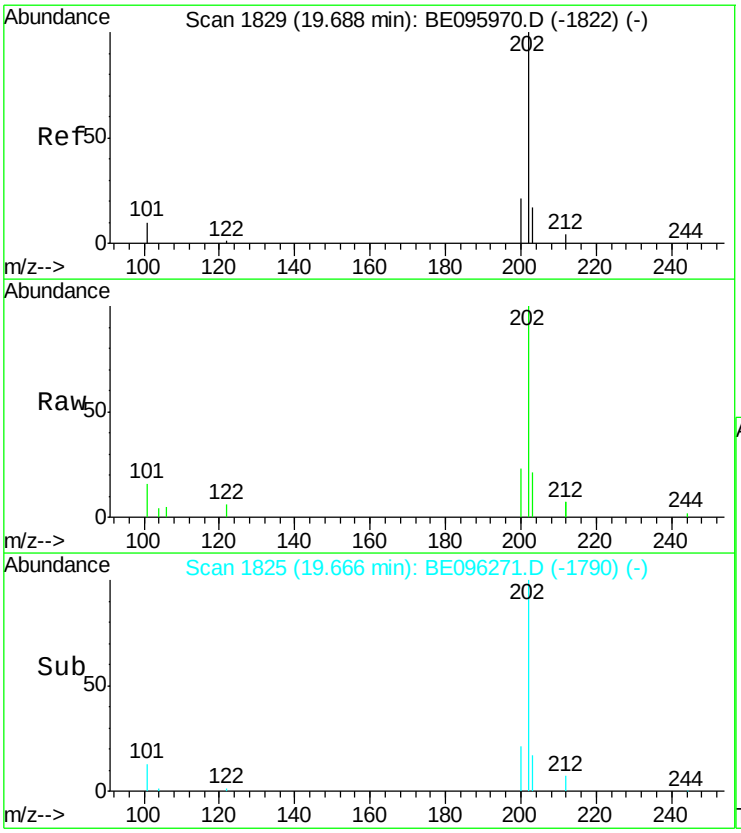
#25
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.63 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 17825

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4

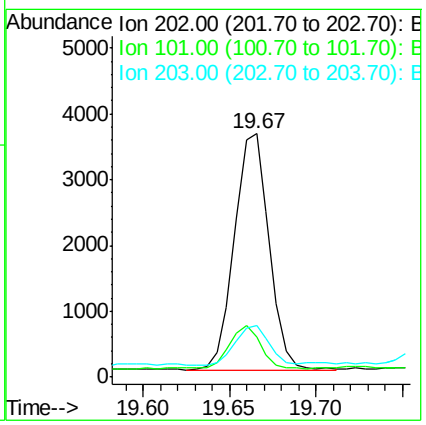


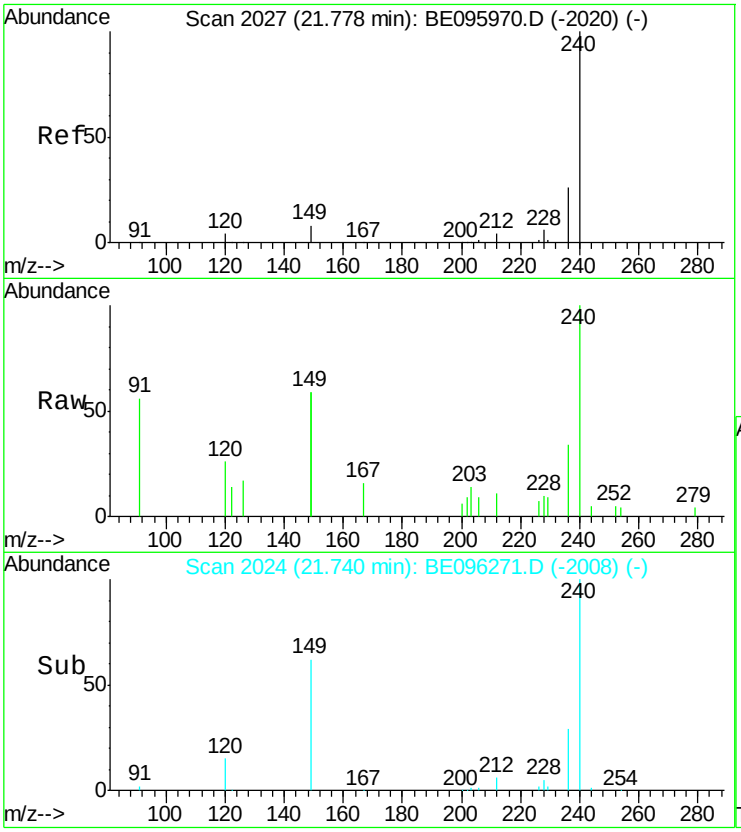


#26
Fluoranthene
Concen: 0.330 ng
RT: 19.67 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:202 Resp: 4997

Ion	Ratio	Lower	Upper
202	100		
101	16.1	9.8	14.8#
203	17.6	13.7	20.5



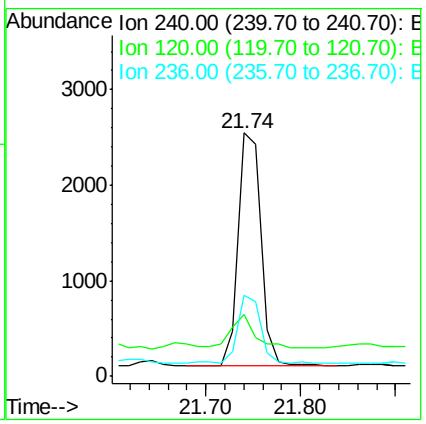


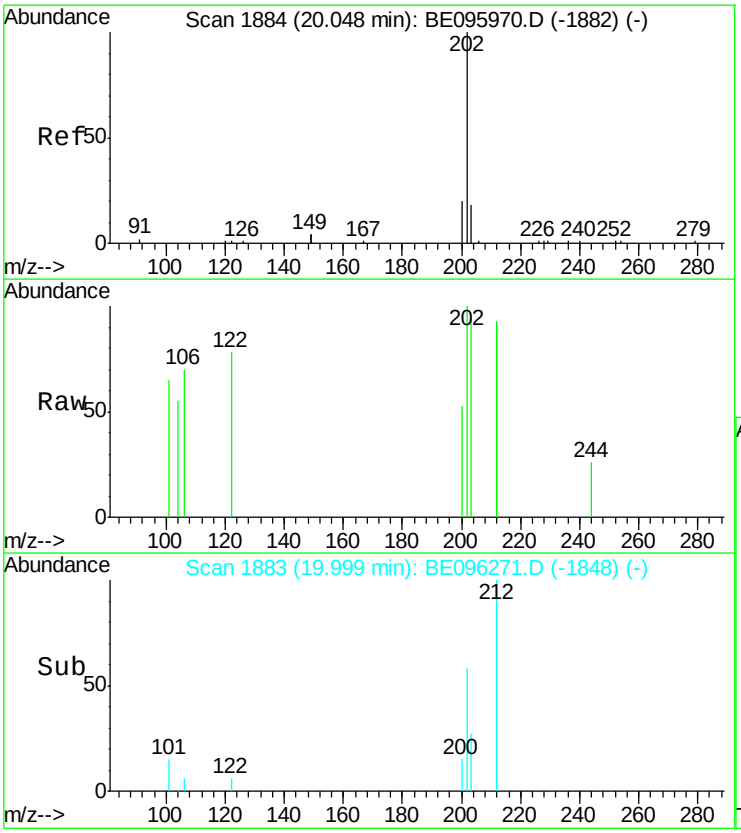
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4068

Ion	Ratio	Lower	Upper
240	100		
120	25.6	5.5	8.3#
236	33.5	20.7	31.1#

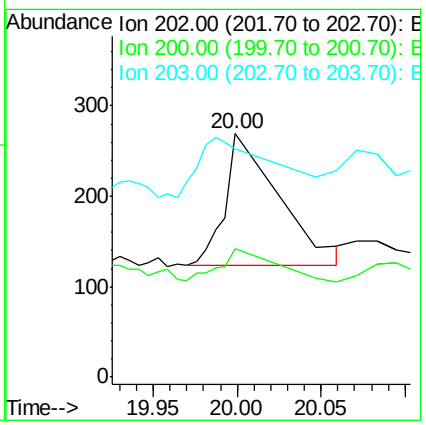


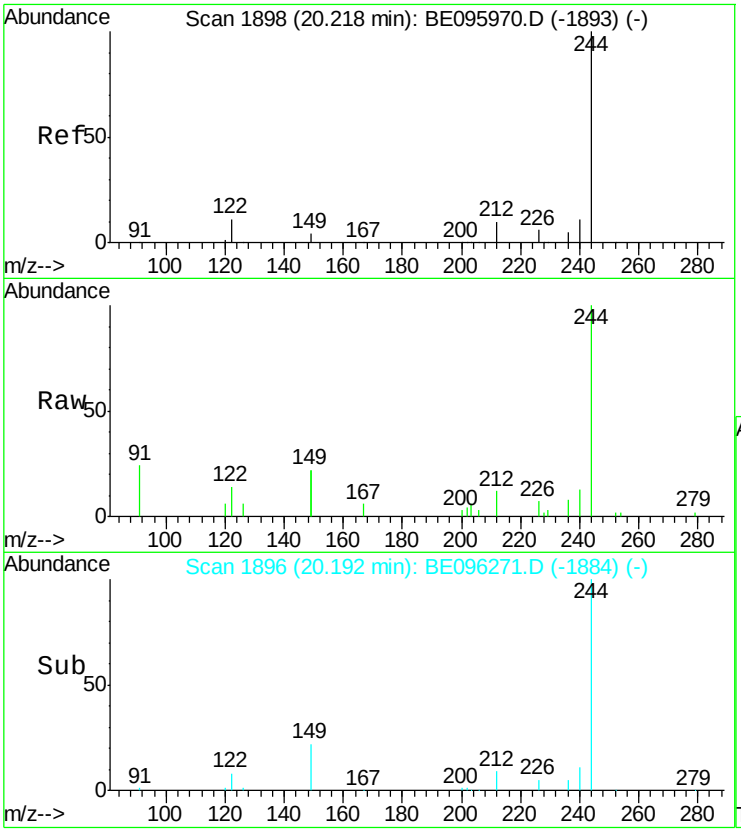


#28
Pyrene
Concen: 0.029 ng
RT: 20.00 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:202 Resp: 231

Ion	Ratio	Lower	Upper
202	100		
200	31.2	16.6	25.0#
203	97.4	13.8	20.8#



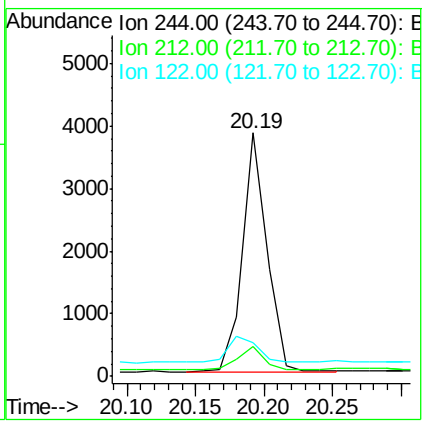


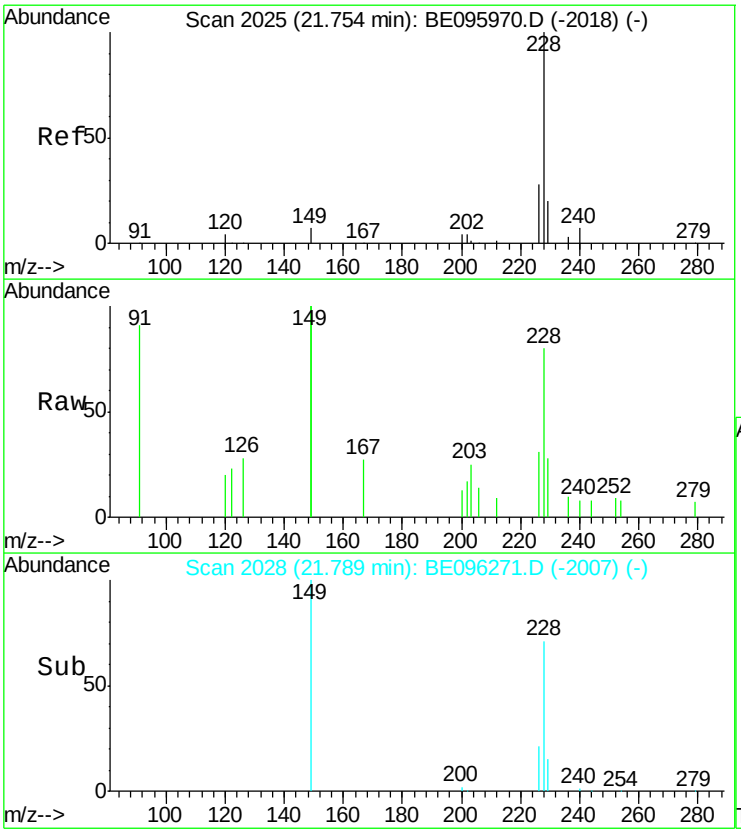
#29
Terphenyl-d14
Concen: 0.521 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4687

Ion	Ratio	Lower	Upper
244	100		
212	12.1	25.4	38.0#
122	13.8	8.1	12.1#

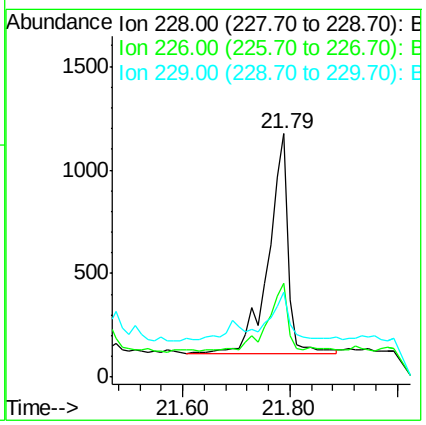


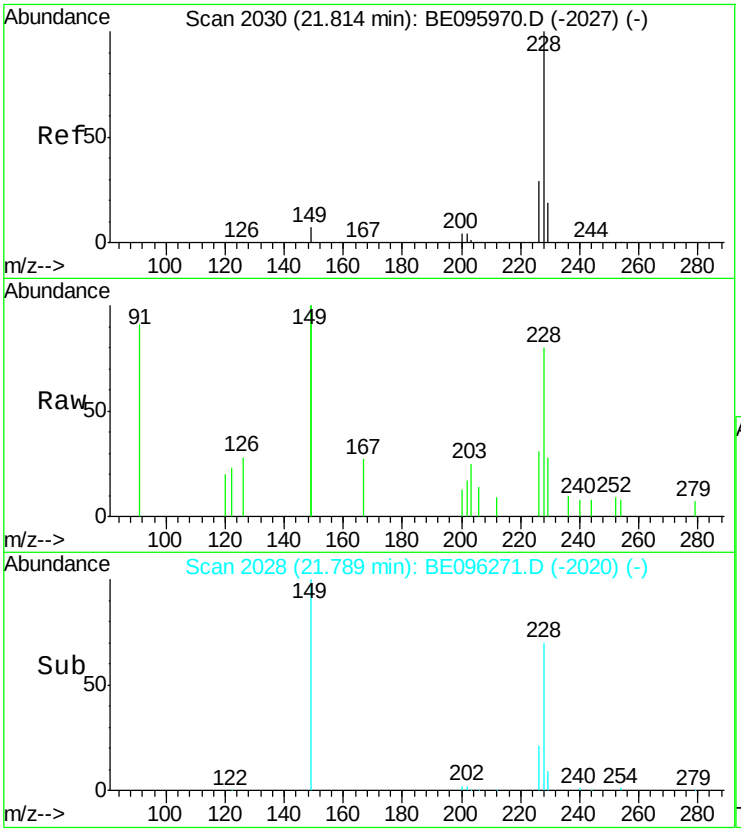


#30
Benzo(a)anthracene
Concen: 0.213 ng
RT: 21.79 min Scan# 2028
Delta R.T. 0.06 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:228 Resp: 2779

Ion	Ratio	Lower	Upper
228	100		
226	38.4	24.0	36.0#
229	34.7	16.0	24.0#



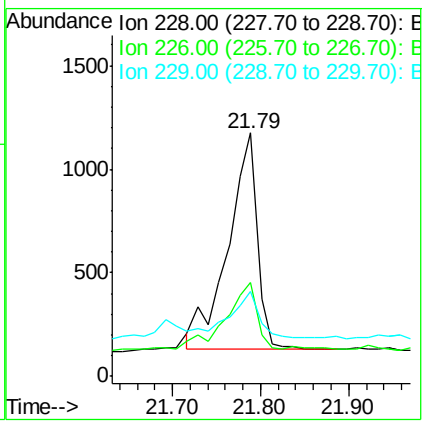


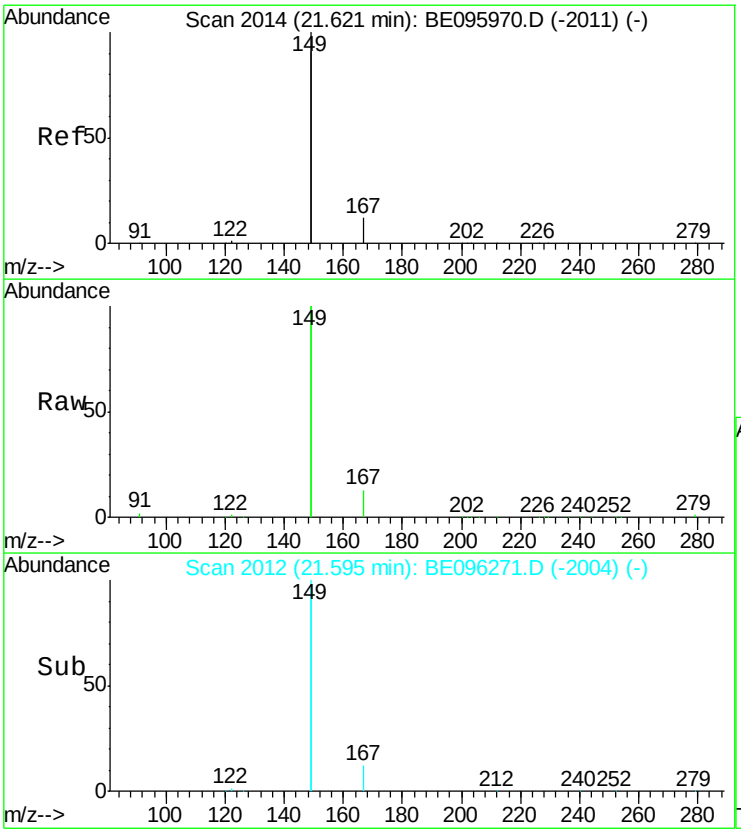
#31
Chrysene
Concen: 0.192 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2424

Ion	Ratio	Lower	Upper
228	100		
226	38.4	24.0	36.0#
229	34.7	16.0	24.0#

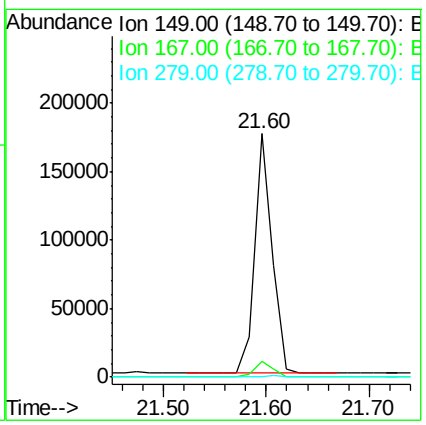


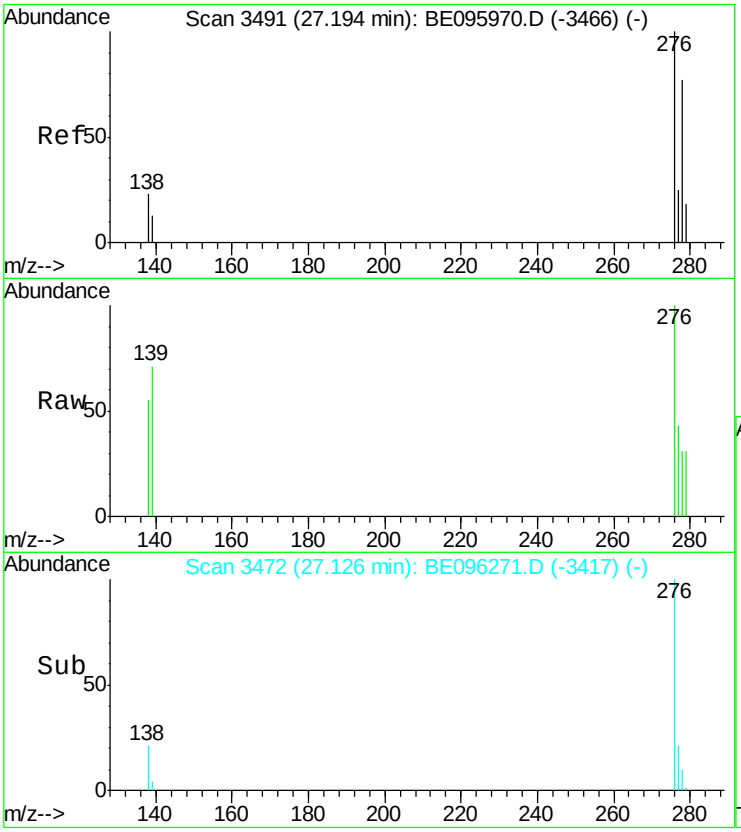


#32
Bis(2-ethylhexyl)phthalate
Concen: 6.124 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:149 Resp: 206193

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.7	0.7	1.1



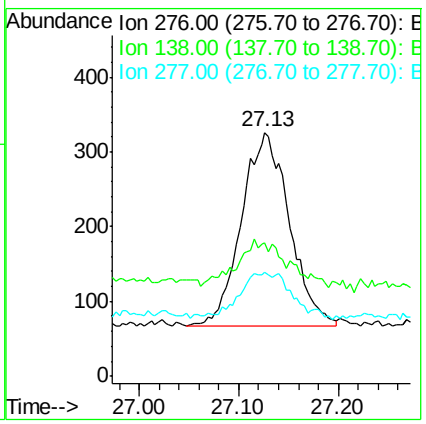


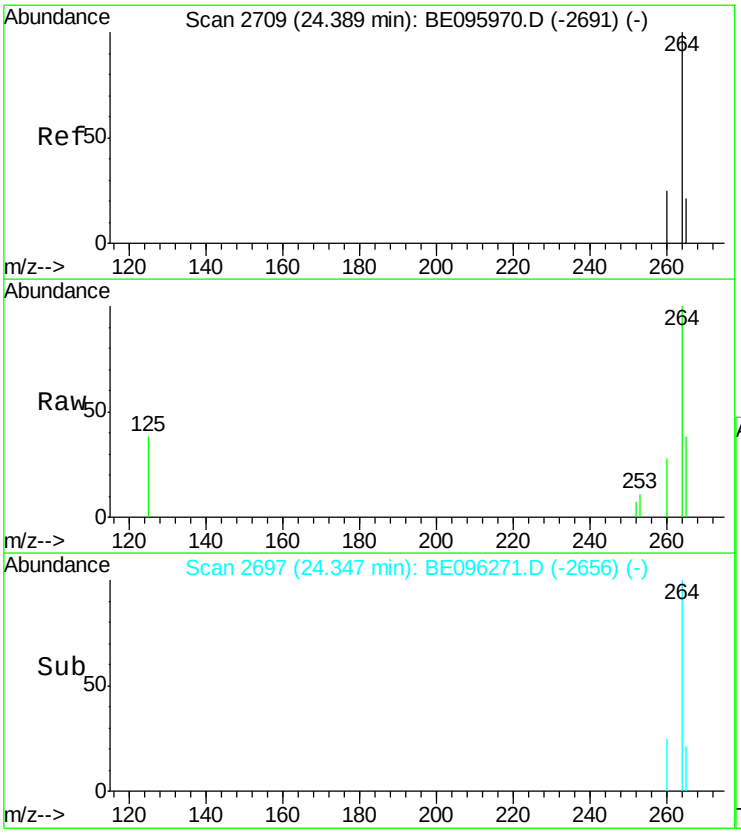
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng
RT: 27.13 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 854

Ion	Ratio	Lower	Upper
276	100		
138	20.4	22.5	33.7#
277	13.7	19.9	29.9#

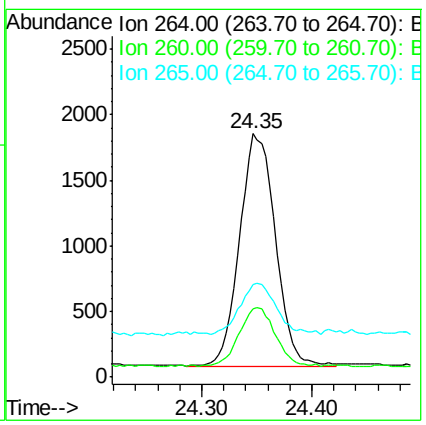


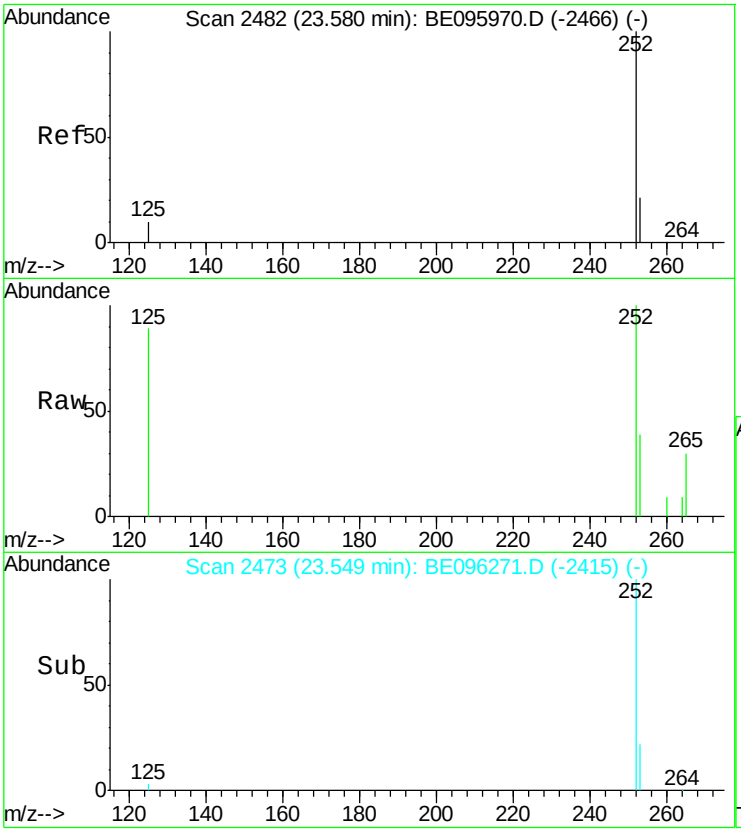


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:264 Resp: 3980

Ion	Ratio	Lower	Upper
264	100		
260	27.9	20.5	30.7
265	37.8	22.8	34.2#



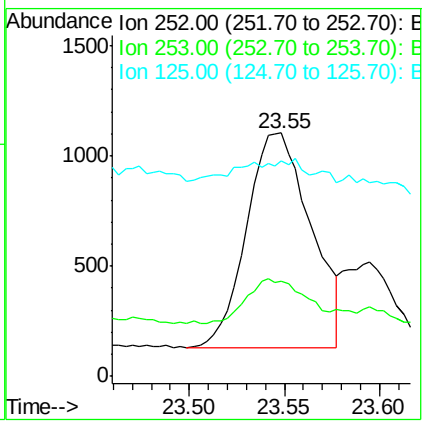


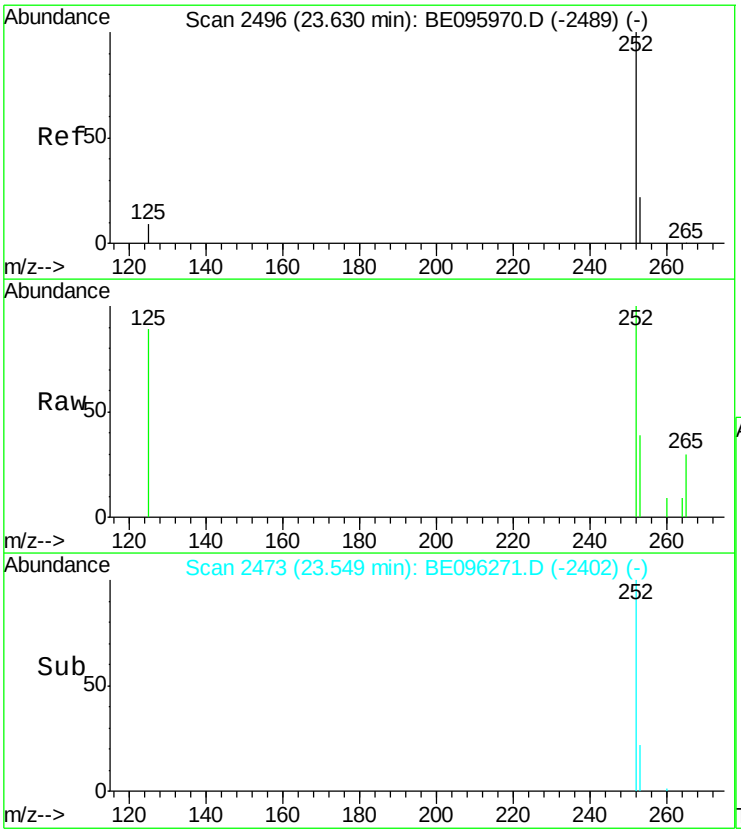
#35
Benzo(b)fluoranthene
Concen: 0.191 ng
RT: 23.55 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2283

Ion	Ratio	Lower	Upper
252	100		
253	39.3	20.0	30.0#
125	88.6	16.0	24.0#

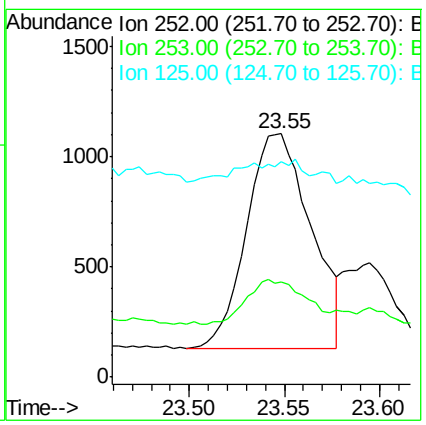


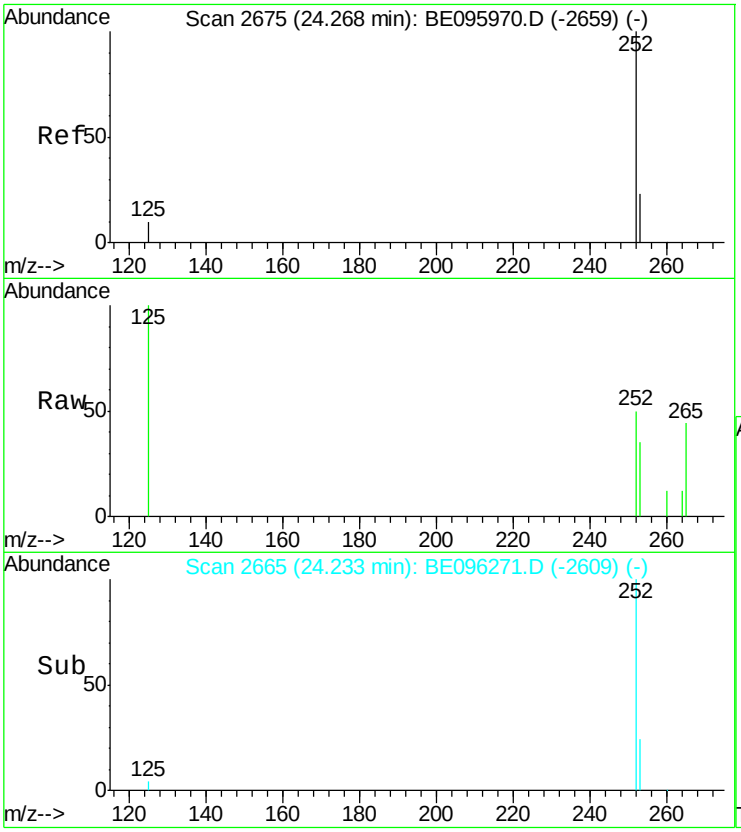


#36
Benzo(k)fluoranthene
Concen: 0.186 ng
RT: 23.55 min Scan# 2473
Delta R.T. -0.05 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:252 Resp: 2283

Ion	Ratio	Lower	Upper
252	100		
253	39.3	16.0	24.0#
125	88.6	8.0	12.0#



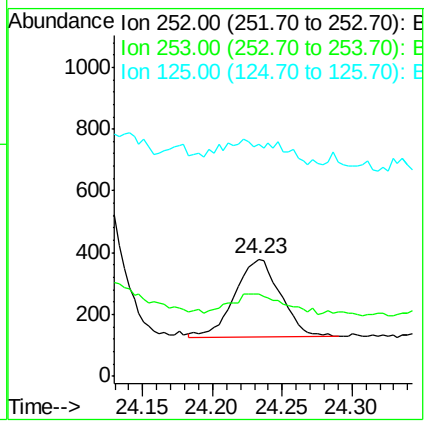


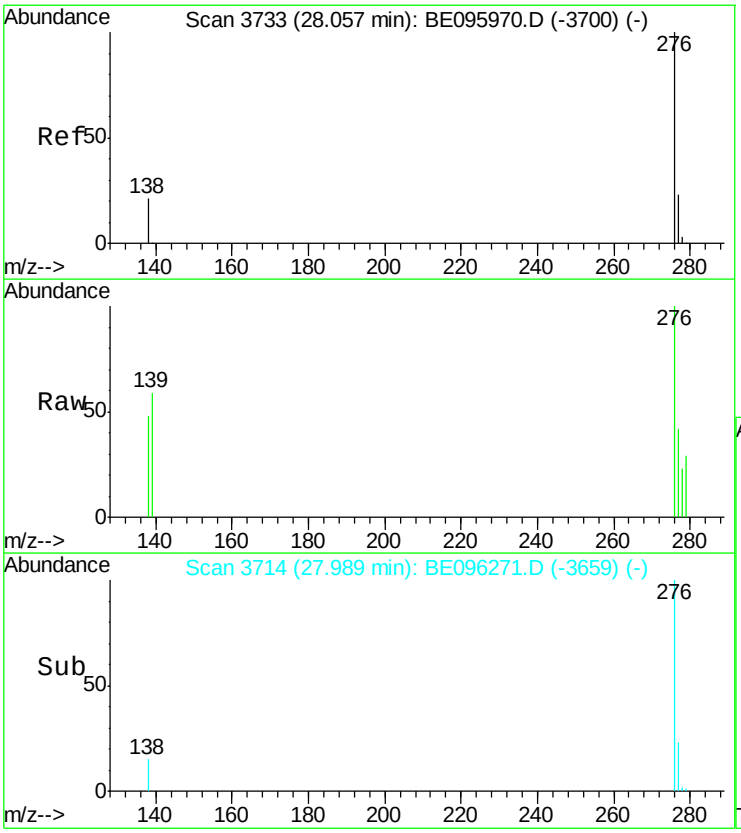
#37
Benzo(a)pyrene
Concen: 0.050 ng
RT: 24.23 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 571

Ion	Ratio	Lower	Upper
252	100		
253	70.4	16.0	24.0#
125	198.4	12.0	18.0#





#39
Benzo(g,h,i)perylene
Concen: 0.087 ng
RT: 27.99 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion:276 Resp: 935

Ion	Ratio	Lower	Upper
276	100		
277	42.0	16.0	24.0#
138	47.6	20.0	30.0#