Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
Data File : BE096297.D
Acq On : 2 May 2018 17:07
Operator : SJ/JU
Sample : J2507-04RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 03 01:50:55 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	8.37	152	821	0.40	ng	0.00
7) Naphthalene-d8	11.16	136	13915	0.40	ng	-0.03
13) Acenaphthene-d10	14.96	164	1463	0.40	ng	0.01
19) Phenanthrene-d10	17.66	188	4075	0.40	ng	0.01
27) Chrysene-d12	21.75	240	3924	0.40	ng	0.01
34) Perylene-d12	24.35	264	4025	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	919	0.36	ng	0.03
5) Phenol-d6	0.00	99	0	0.00	ng	
8) Nitrobenzene-d5	9.52	82	1431	0.09	ng	-0.03
11) 2-Methylnaphthalene-d10	12.71	152	464	0.02	ng	-0.02
14) 2,4,6-Tribromophenol	16.44	330	444	0.63	ng	0.02
15) 2-Fluorobiphenyl	13.61	172	13750	2.20	ng	0.03
25) Fluoranthene-d10	19.64	212	21309	0.39	ng	0.00
29) Terphenyl-d14	20.19	244	4537	0.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	4402075	3471.113	ng	# 80
3) n-Nitrosodimethylamine	3.96	42	412312	265.366	ng	# 1
6) bis(2-Chloroethyl)ether	7.80	93	1064603	345.245	ng	97
9) Naphthalene	11.27	128	947785	6.461	ng	99
12) 2-Methylnaphthalene	12.73	142	541	0.022	ng	# 1
16) Acenaphthylene	14.69	152	477	0.061	ng	# 65
17) Acenaphthene	15.01	154	529	0.113	ng	# 1
18) Fluorene	15.98	166	575	0.099	ng	98
20) 4-Bromophenyl-phenylether	16.85	248	52	0.021	ng	# 1
21) Hexachlorobenzene	16.97	284	77	0.032	ng	# 78
22) Pentachlorophenol	17.32	266	186	0.303	ng	91
23) Phenanthrene	17.70	178	650	0.057	ng	# 61
24) Anthracene	17.74	178	287	0.026	ng	# 1
26) Fluoranthene	19.67	202	794	0.053	ng	# 1
28) Pyrene	20.05	202	436	0.056	ng	# 47
30) Benzo(a)anthracene	21.73	228	490	0.039	ng	# 18
31) Chrysene	21.79	228	286	0.024	ng	# 4
32) Bis(2-ethylhexyl)phthalate	21.60	149	13944	0.429	ng	# 95
33) Indeno(1,2,3-cd)pyrene	27.13	276	280	0.024	ng	# 92
35) Benzo(b)fluoranthene	23.54	252	309	0.026	ng	# 1
37) Benzo(a)pyrene	24.23	252	243	0.021	ng	# 1
39) Benzo(g,h,i)perylene	27.99	276	227	0.021	ng	# 1

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

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Misc :
ALS Vial : 10 Sample Multiplier: 1

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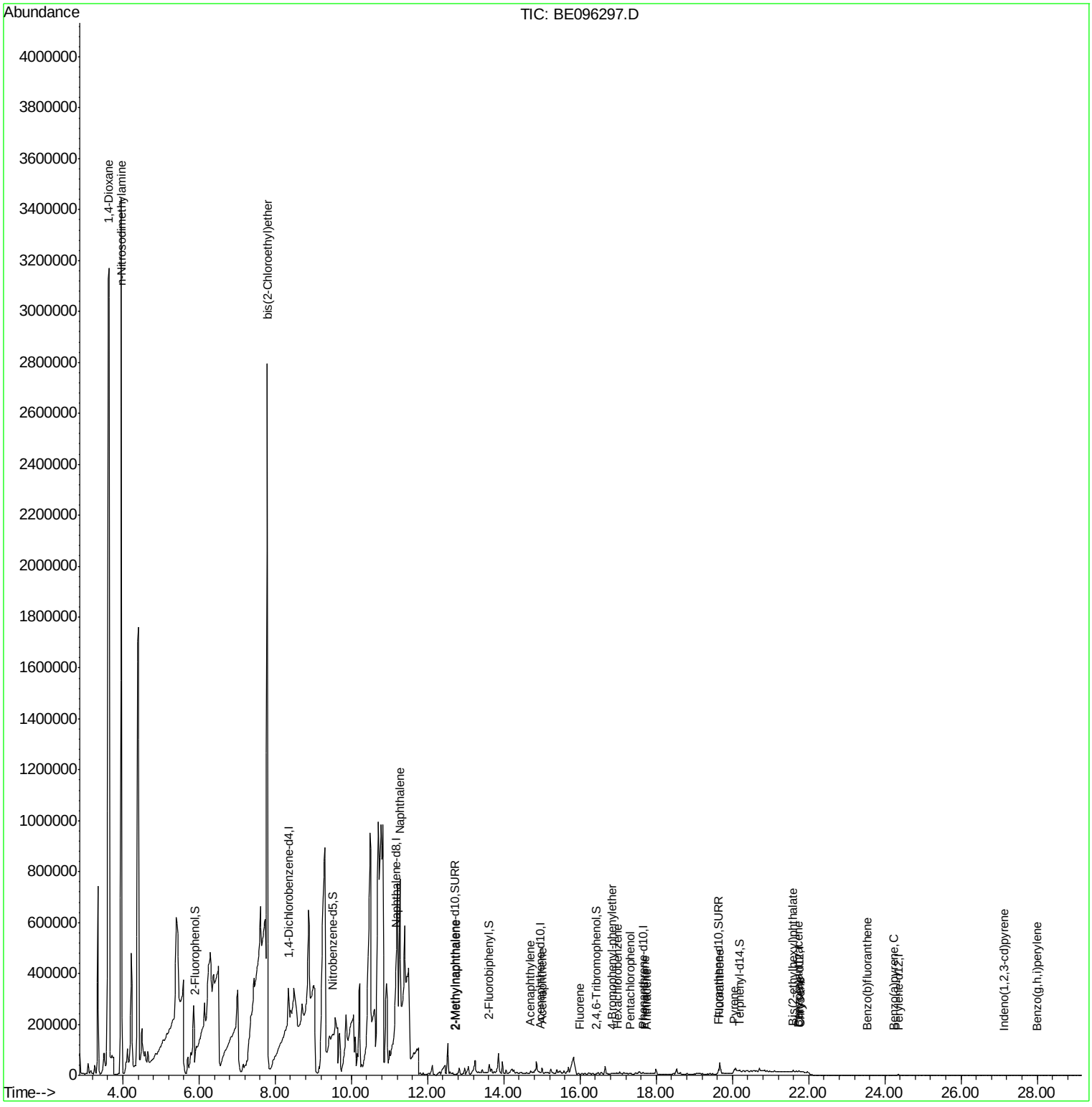
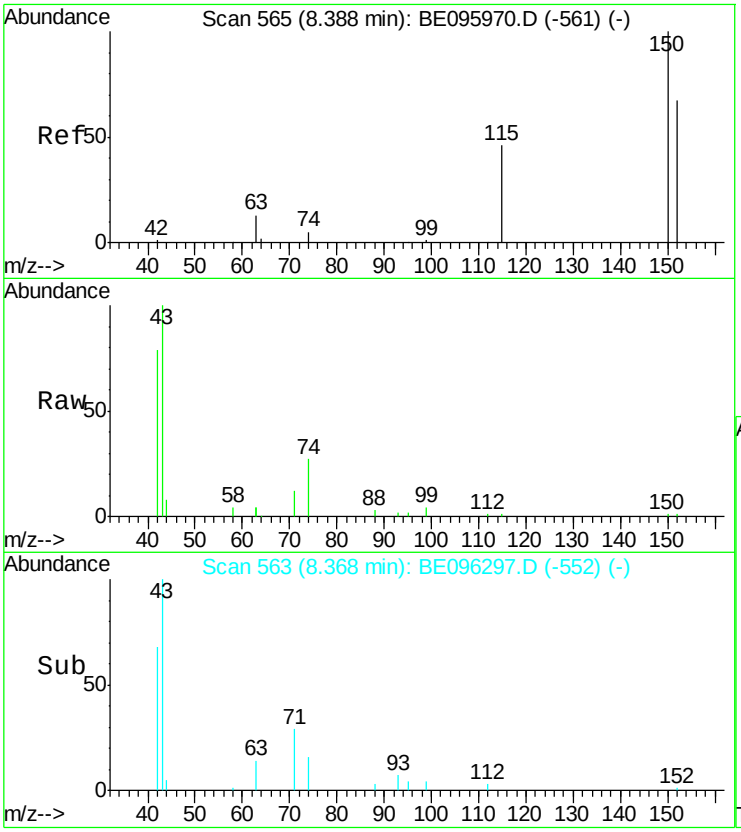
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration



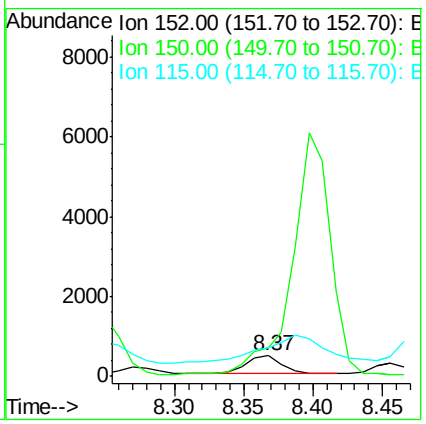


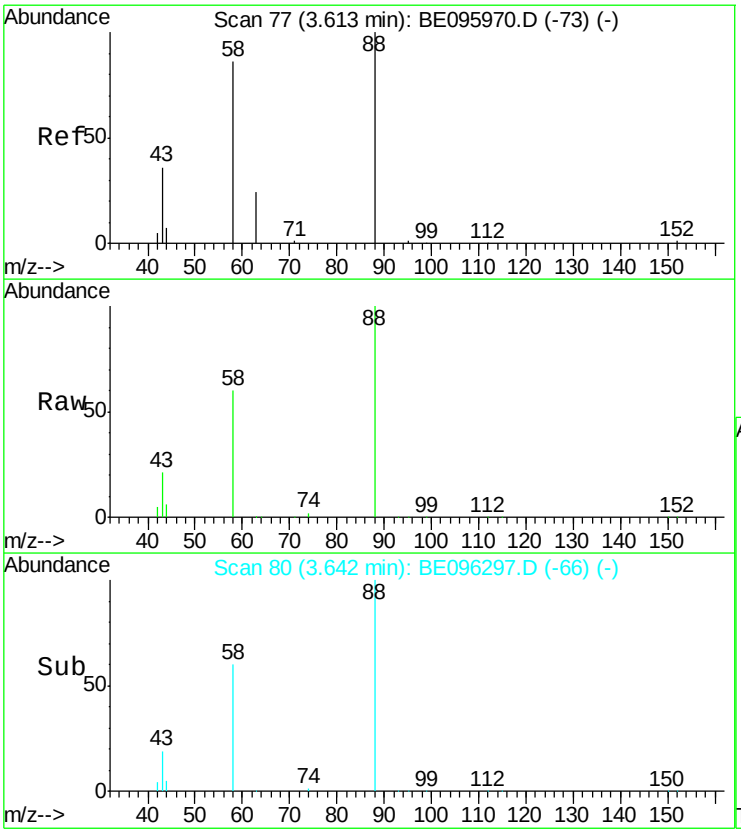
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.37 min Scan# 563
Delta R.T. 0.01 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 821

Ion	Ratio	Lower	Upper
152	100		
150	139.0	117.2	175.8
115	140.0	57.0	85.6#

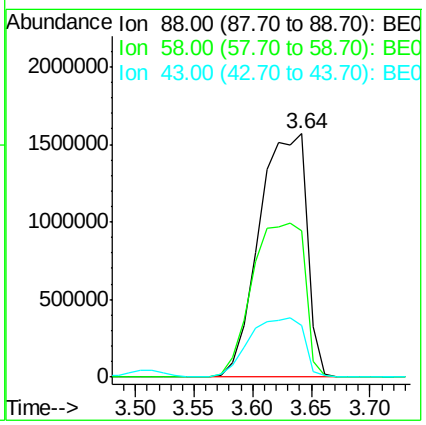


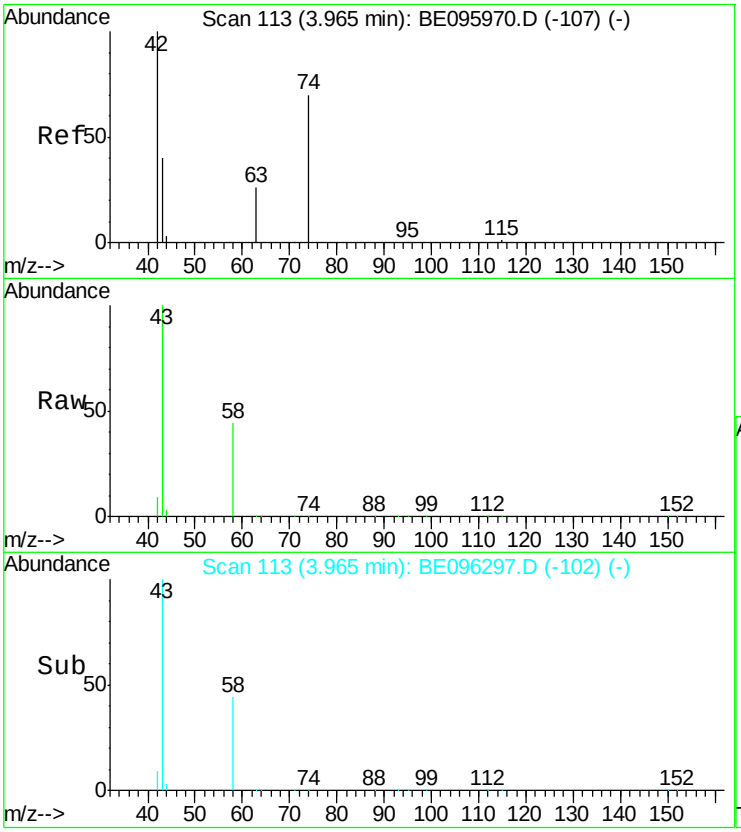


#2
1,4-Dioxane
Concen: 3471.113 ng
RT: 3.64 min Scan# 80
Delta R.T. 0.04 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion: 88 Resp: 4402075

Ion	Ratio	Lower	Upper
88	100		
58	69.8	63.2	94.8
43	27.3	41.2	61.8#



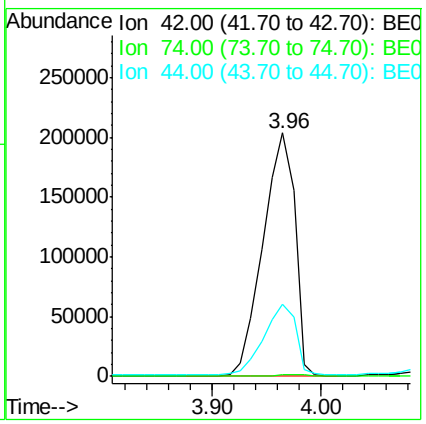


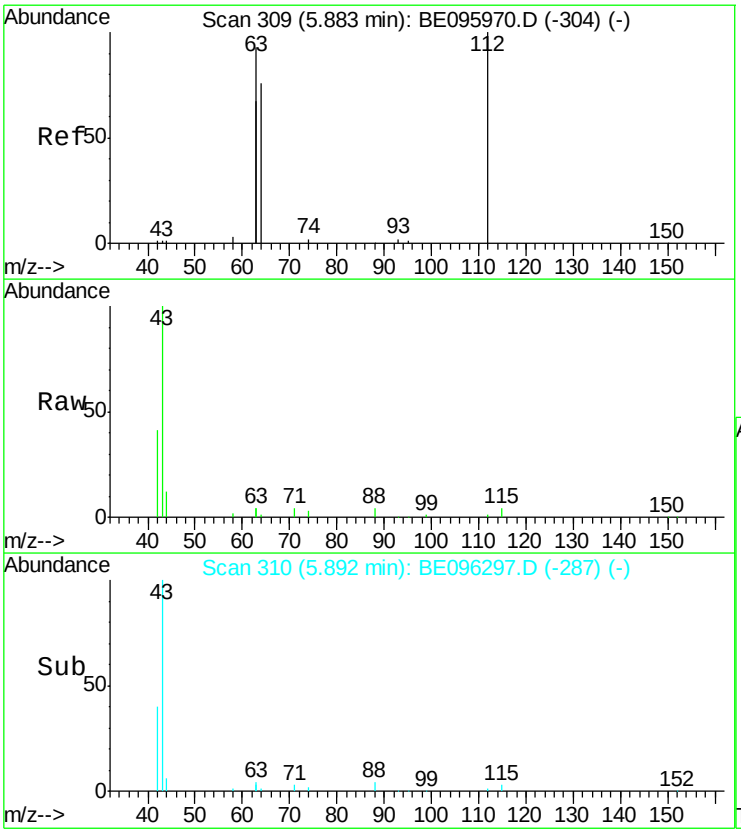
#3
n-Nitrosodimethylamine
Concen: 265.366 ng
RT: 3.96 min Scan# 113
Delta R.T. 0.01 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 412312

Ion	Ratio	Lower	Upper
42	100		
74	0.6	96.0	144.0#
44	28.6	12.0	18.0#

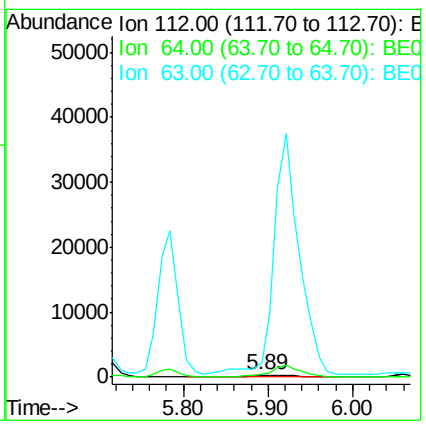


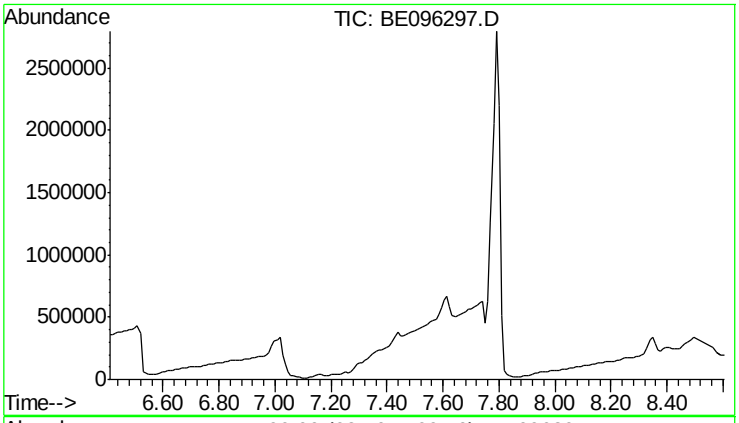


#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.89 min Scan# 310
Delta R.T. 0.03 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:112 Resp: 919

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





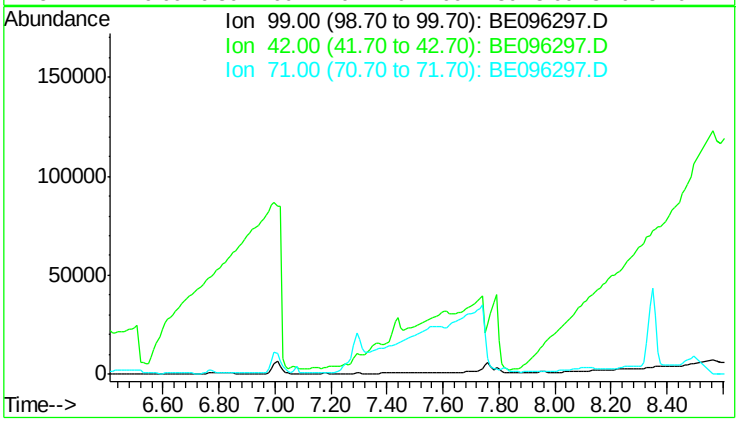
#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.51 min

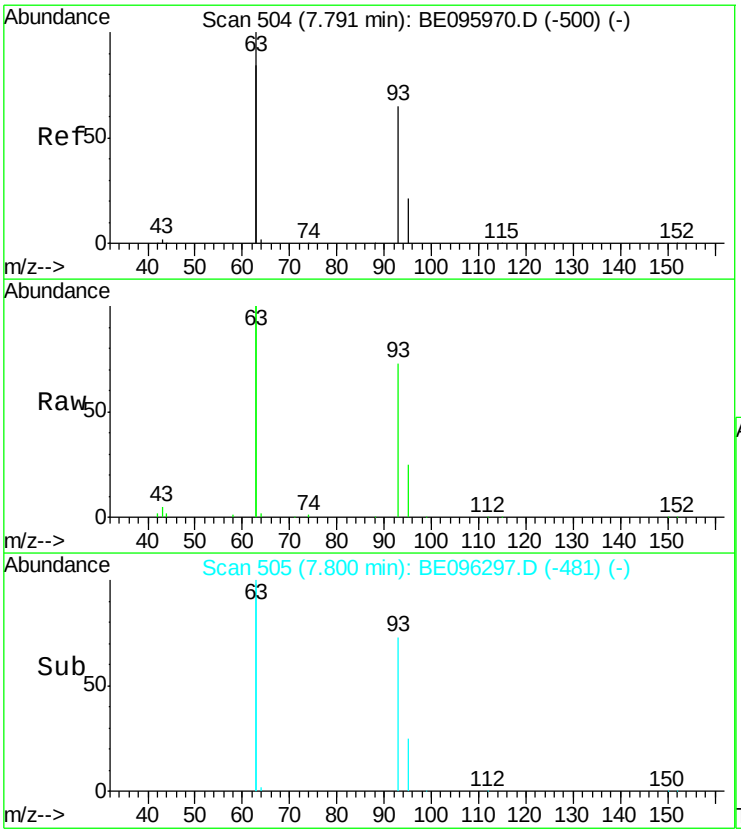
Instrument :
BNA_E
ClientSampleId :

Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	25.2
71	35.5

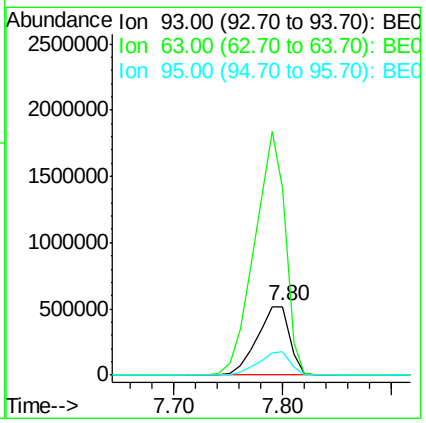


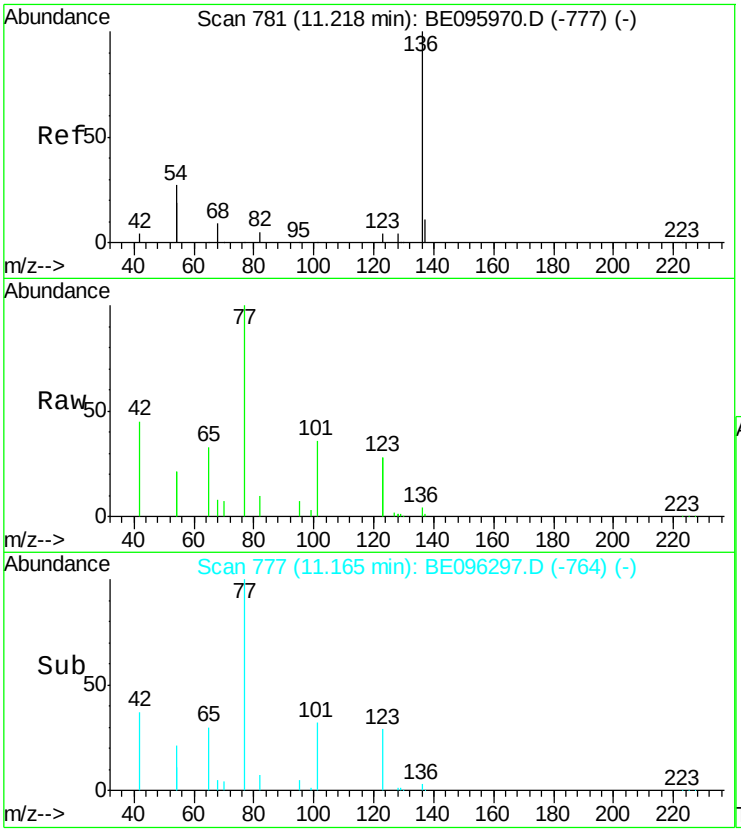


#6
bis(2-Chloroethyl)ether
Concen: 345.245 ng
RT: 7.80 min Scan# 505
Delta R.T. 0.04 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion: 93 Resp: 1064603

Ion	Ratio	Lower	Upper
93	100		
63	337.3	275.3	412.9
95	33.0	25.2	37.8



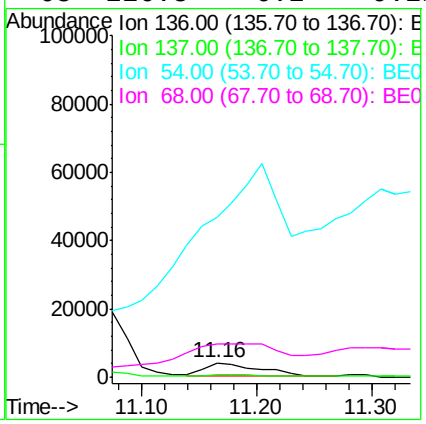


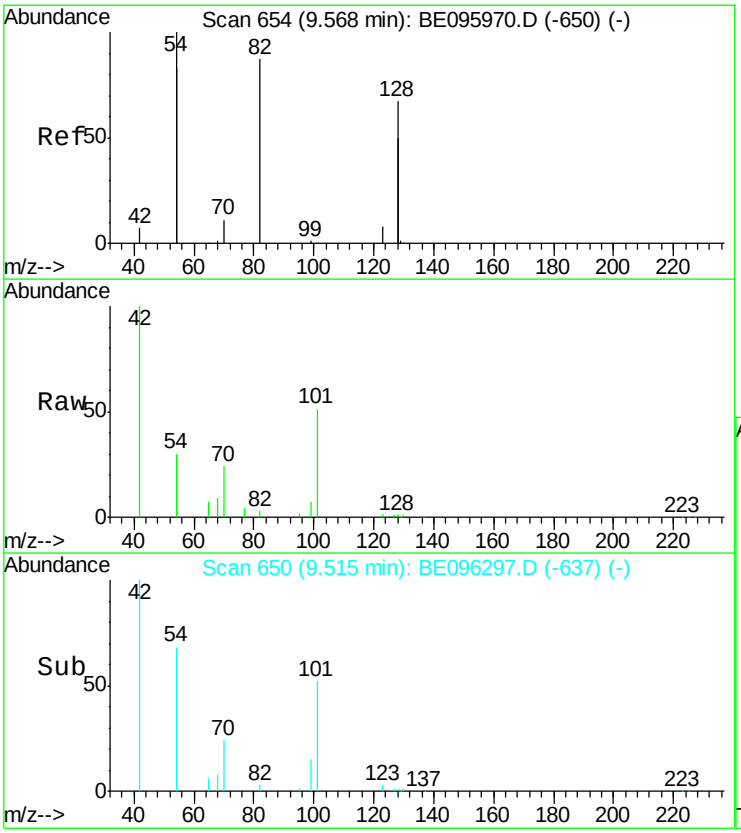
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.16 min Scan# 777
Delta R.T. -0.03 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13915

Ion	Ratio	Lower	Upper
136	100		
137	16.3	9.5	14.3#
54	1108.9	29.1	43.7#
68	226.8	6.2	9.2#

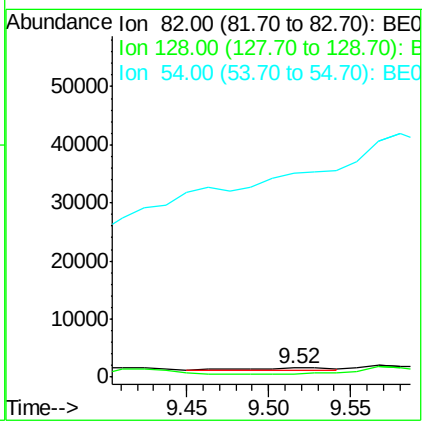


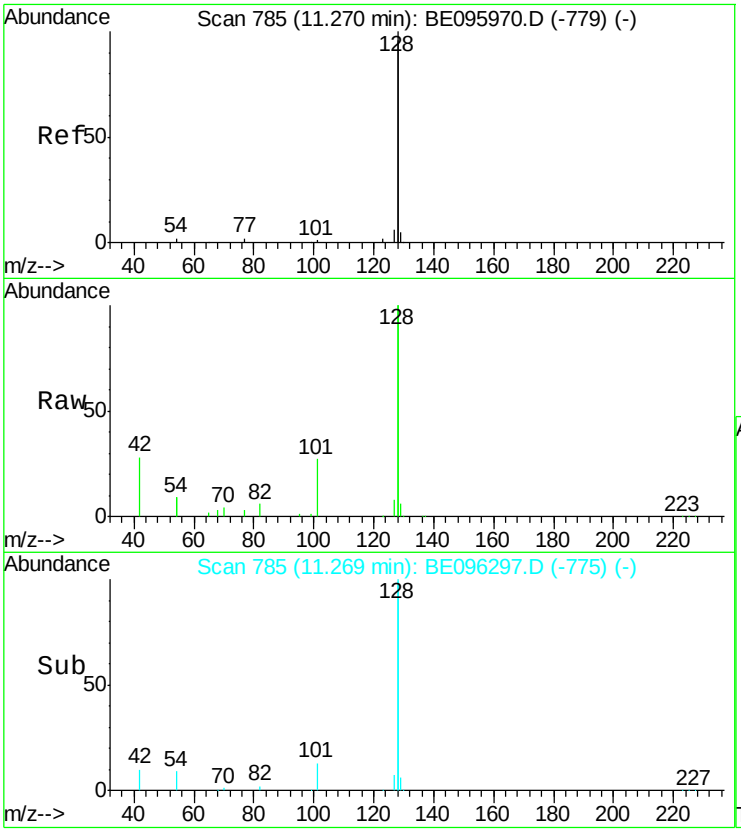


#8
Nitrobenzene-d5
Concen: 0.088 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion: 82 Resp: 1431

Ion	Ratio	Lower	Upper
82	100		
128	38.0	150.0	225.0#
54	2206.5	154.2	231.4#



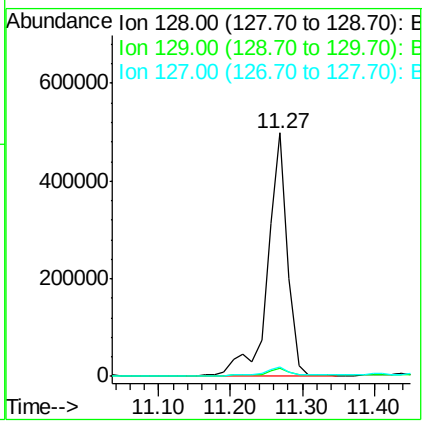


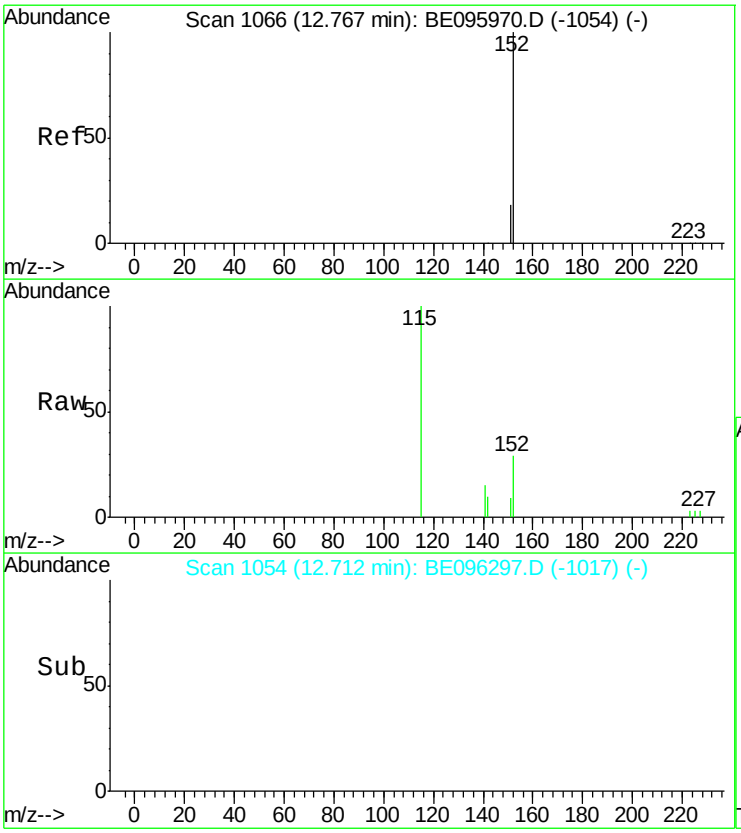
#9
Naphthalene
Concen: 6.461 ng
RT: 11.27 min Scan# 785
Delta R.T. 0.03 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 947785

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	4.0	2.8	4.2

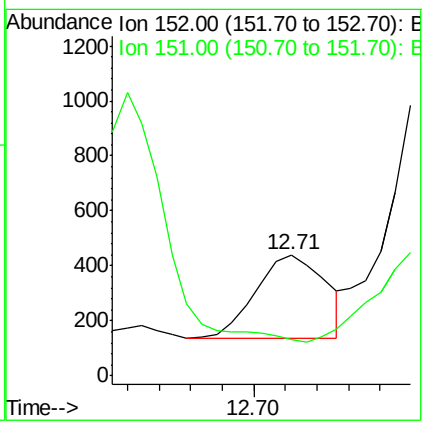


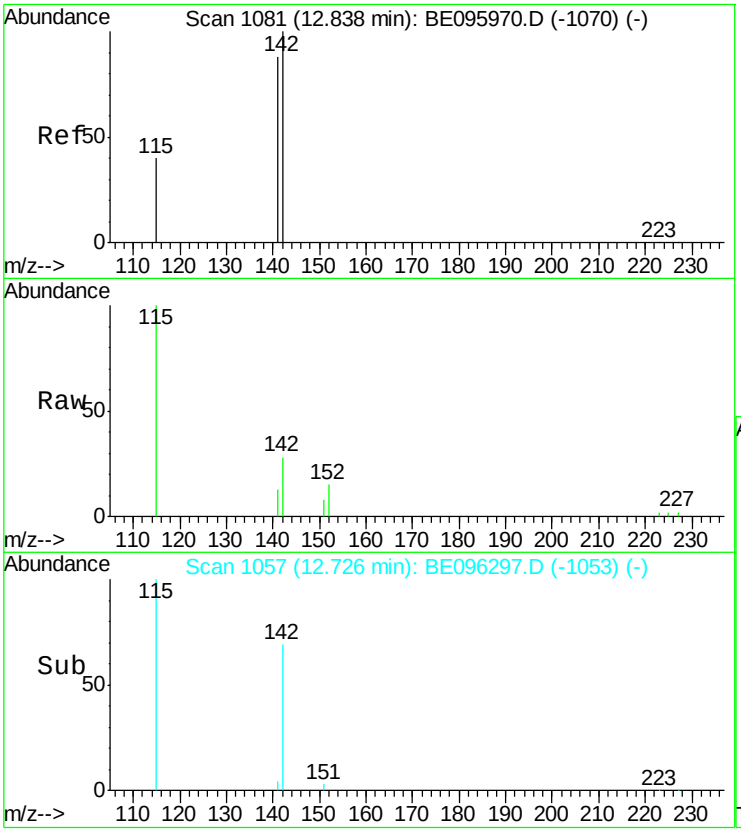


#11
2-Methylnaphthalene-d10
Concen: 0.021 ng
RT: 12.71 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:152 Resp: 464

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.4	23.0#



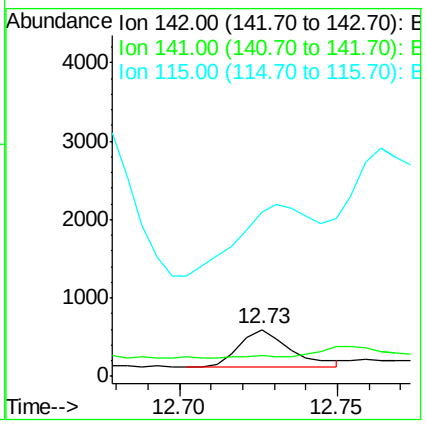


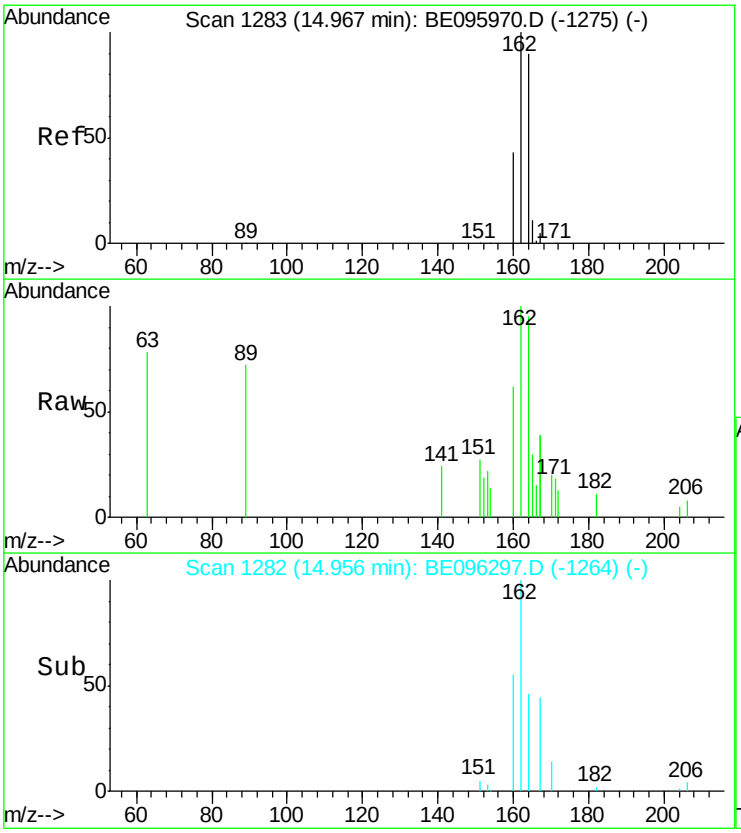
#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.73 min Scan# 1057
Delta R.T. -0.08 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 541

Ion	Ratio	Lower	Upper
142	100		
141	44.2	70.4	105.6#
115	353.4	31.7	47.5#

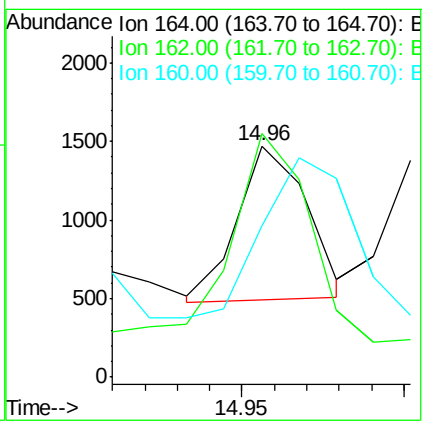


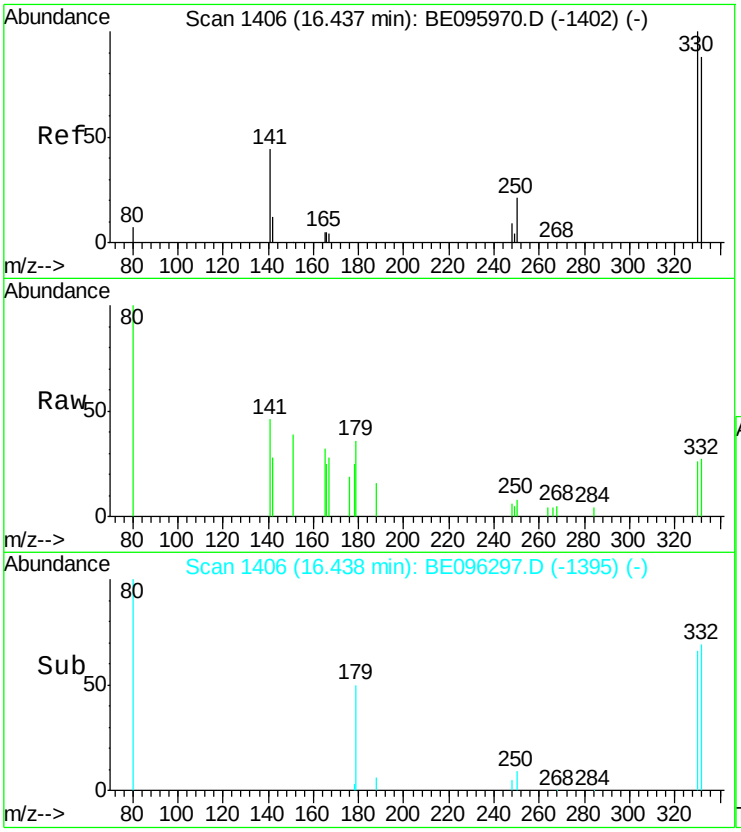


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.96 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:164 Resp: 1463

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.1	124.7
160	65.8	37.1	55.7#



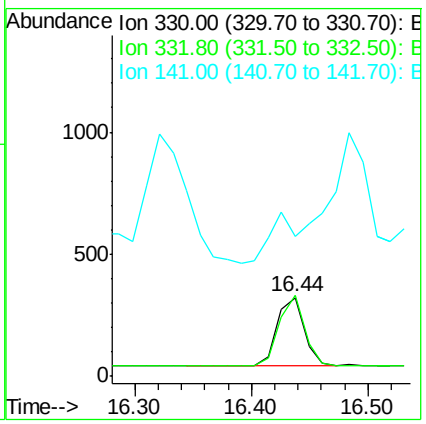


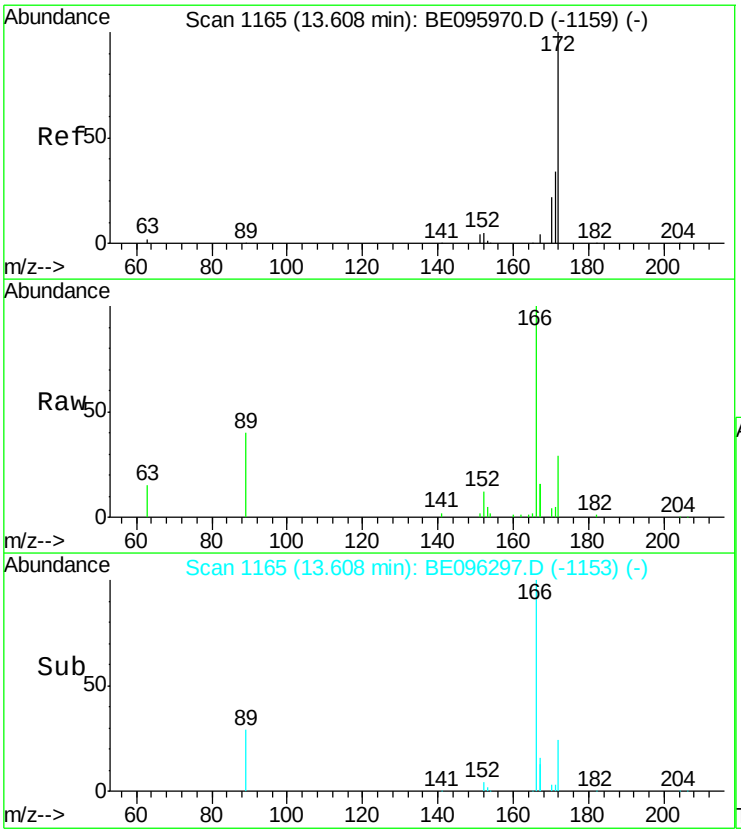
#14
2,4,6-Tribromophenol
Concen: 0.628 ng
RT: 16.44 min Scan# 1406
Delta R.T. 0.02 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 444

Ion	Ratio	Lower	Upper
330	100		
332	99.8	152.7	229.1#
141	67.8	33.7	50.5#

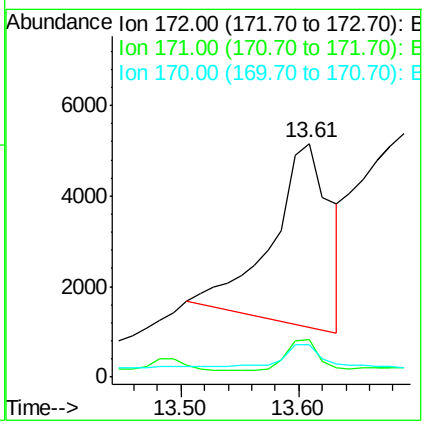


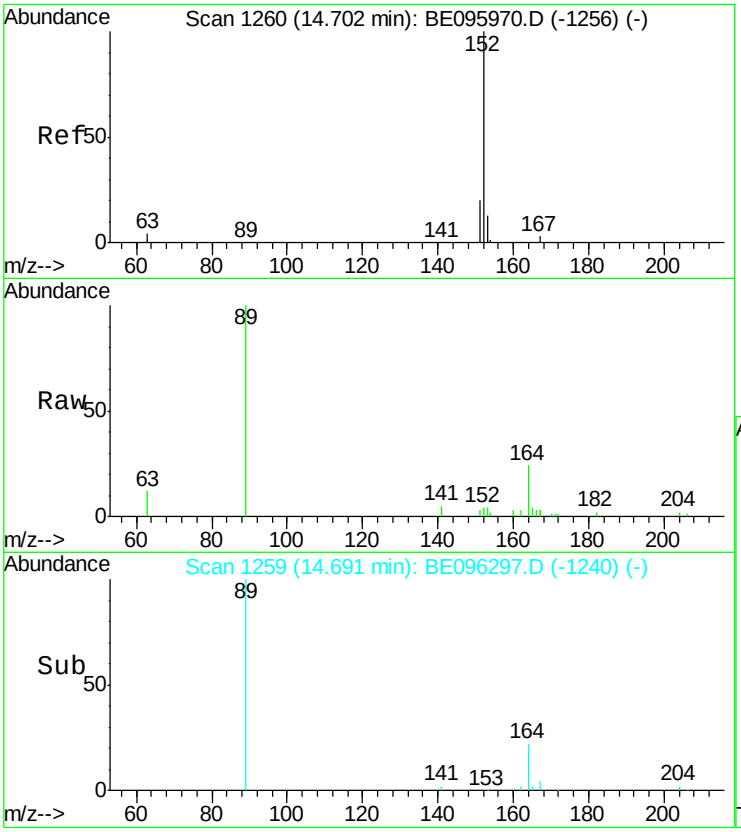


#15
2-Fluorobiphenyl
Concen: 2.197 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.03 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:172 Resp: 13750

Ion	Ratio	Lower	Upper
172	100		
171	15.8	29.9	44.9#
170	13.8	21.8	32.8#



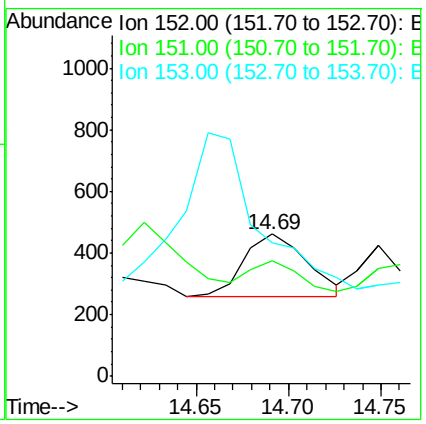


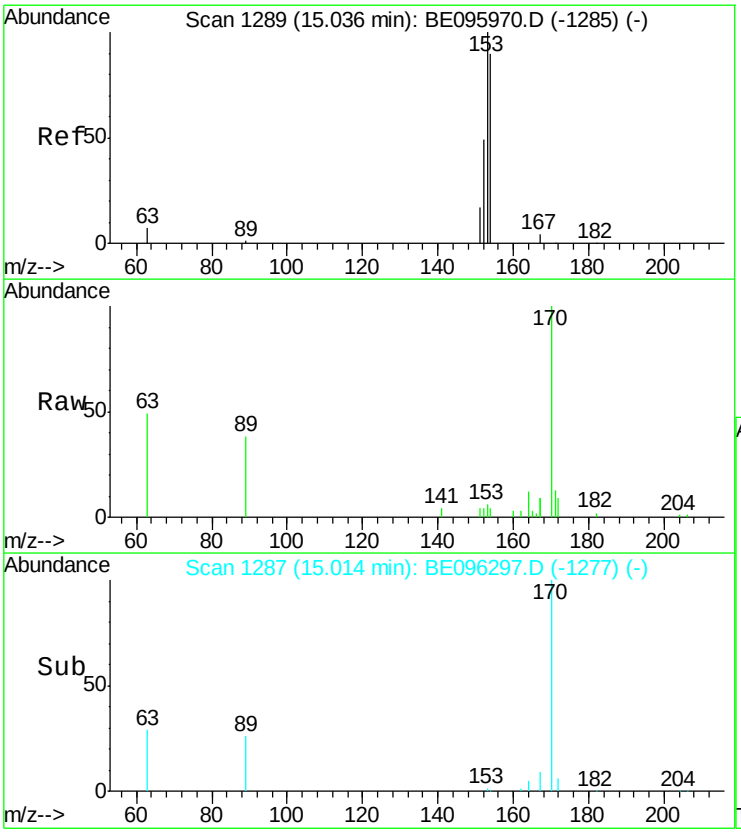
#16
Acenaphthylene
Concen: 0.061 ng
RT: 14.69 min Scan# 1259
Delta R.T. 0.02 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 477

Ion	Ratio	Lower	Upper
152	100		
151	35.8	15.7	23.5#
153	0.0	10.5	15.7#

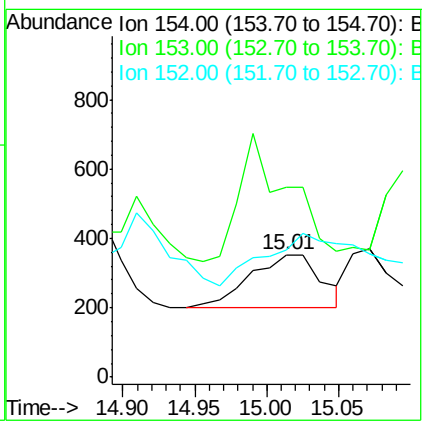


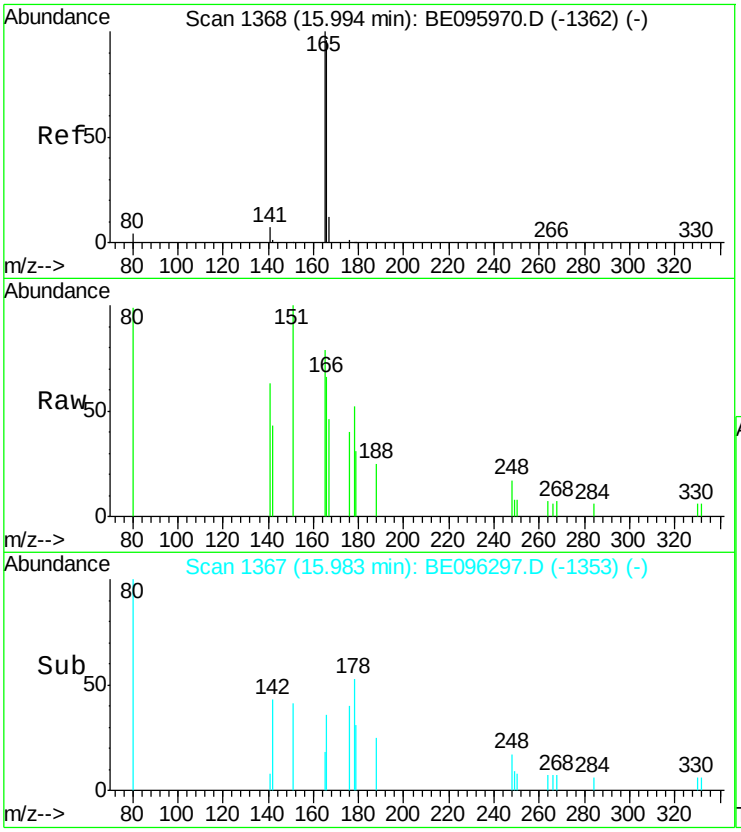


#17
Acenaphthene
Concen: 0.113 ng
RT: 15.01 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:154 Resp: 529

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	121.0	42.0	63.0#



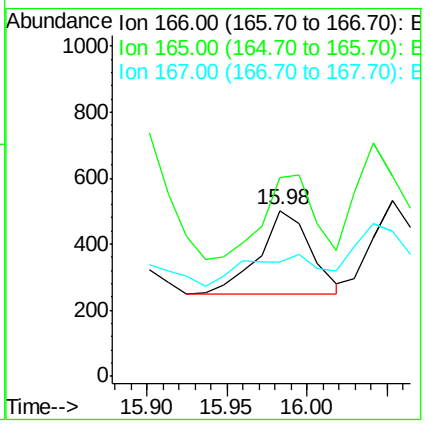


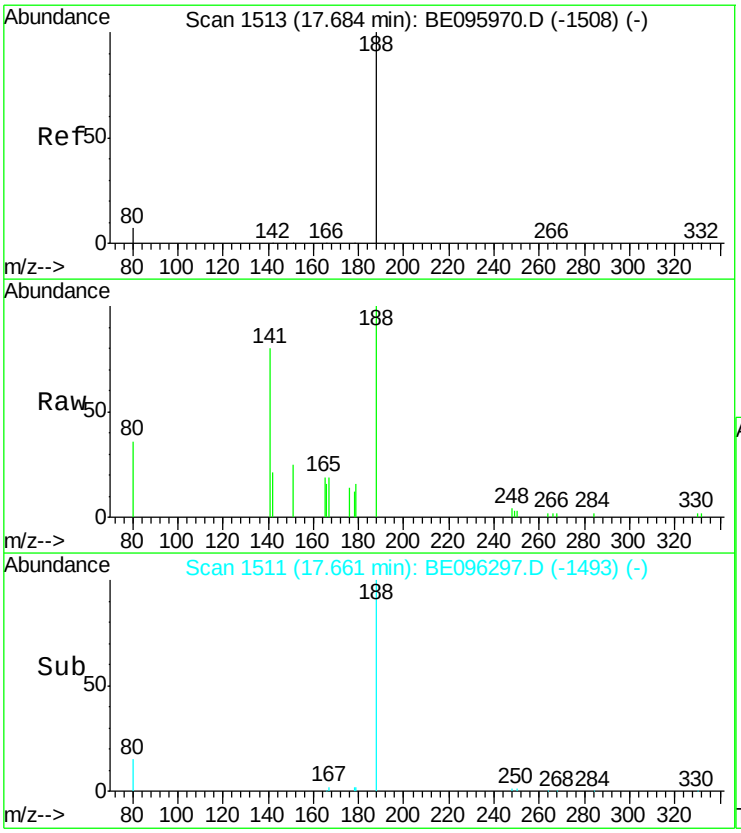
#18
Fluorene
Concen: 0.099 ng
RT: 15.98 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 575

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	55.7	42.4	63.6

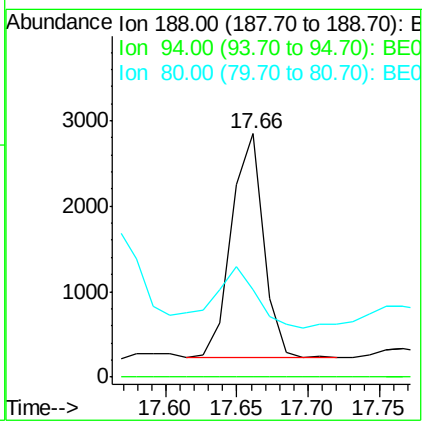


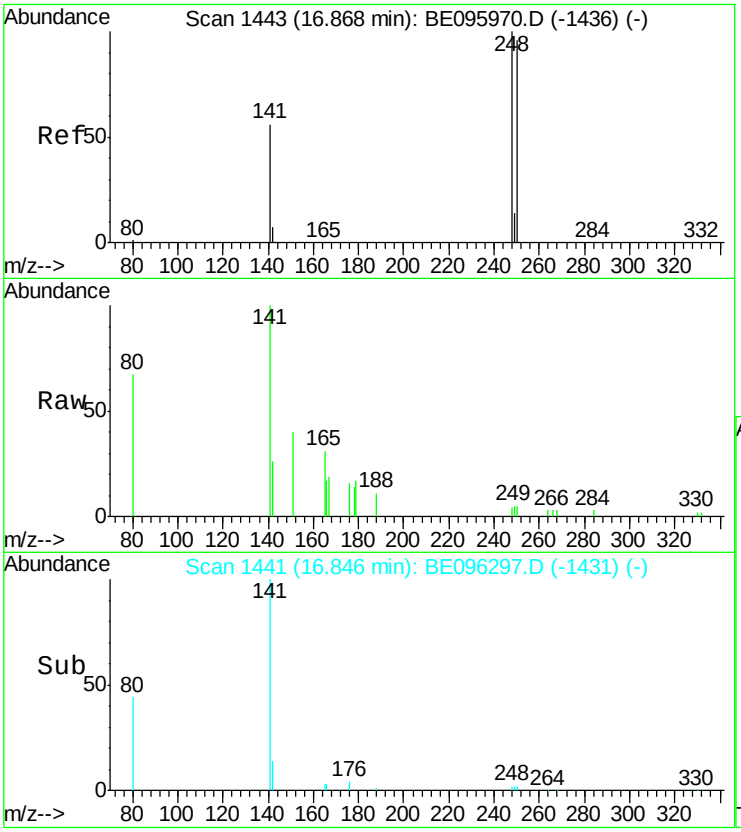


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.66 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:188 Resp: 4075

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	35.8	3.6	5.4#



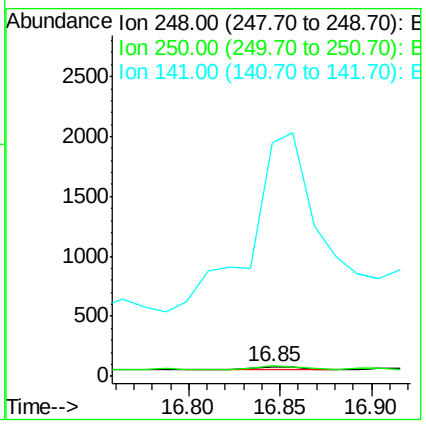


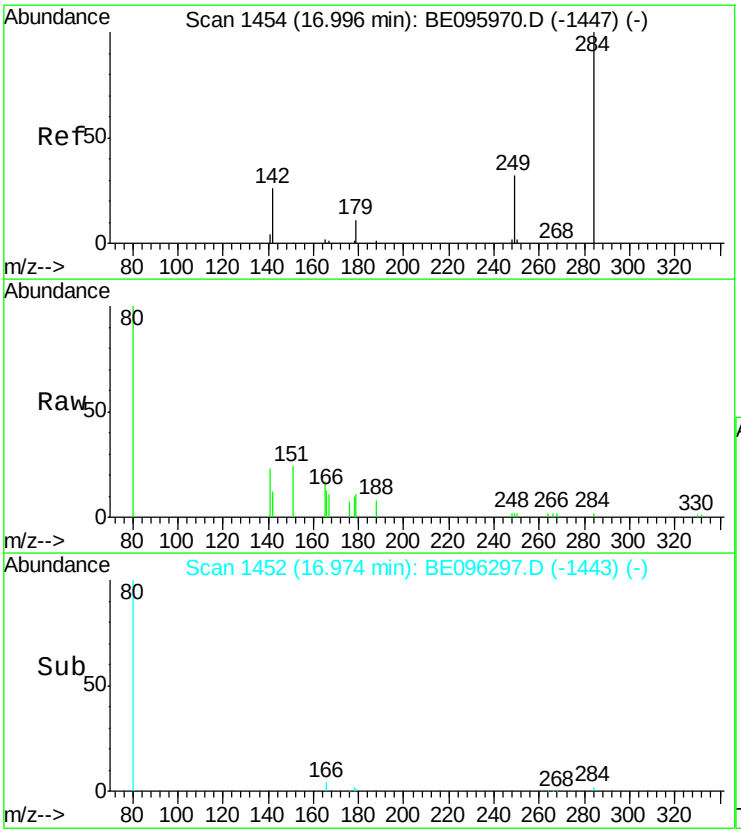
#20
4-Bromophenyl-phenylether
Concen: 0.021 ng
RT: 16.85 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 52

Ion	Ratio	Lower	Upper
248	100		
250	111.0	62.7	94.1#
141	2368.3	48.2	72.2#

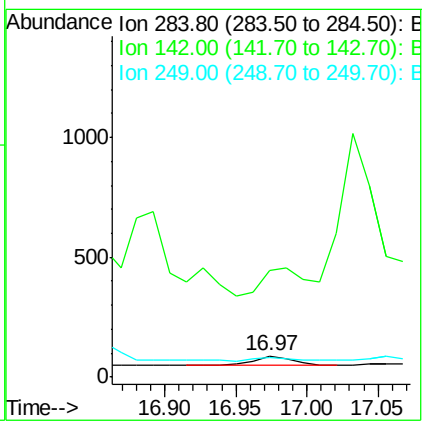


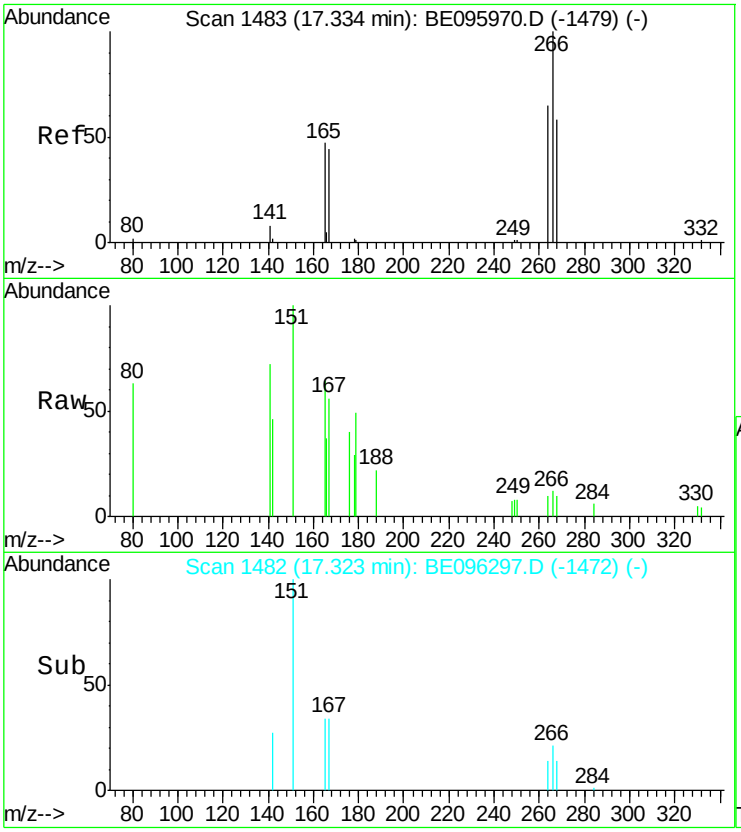


#21
Hexachlorobenzene
Concen: 0.032 ng
RT: 16.97 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:284 Resp: 77

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	45.5	34.8	52.2



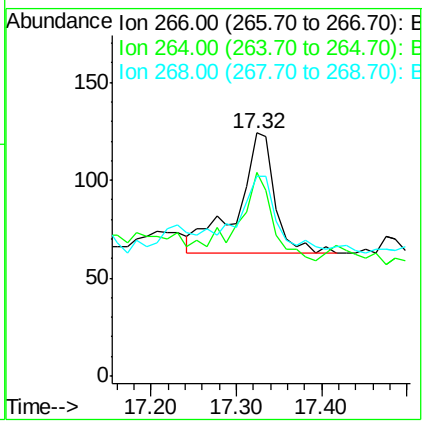


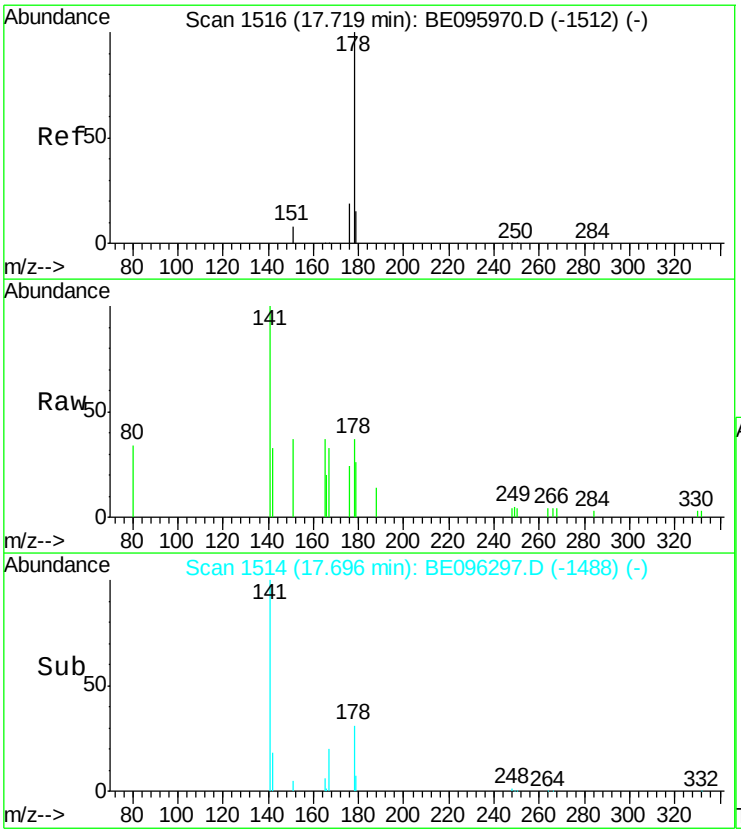
#22
Pentachlorophenol
Concen: 0.303 ng
RT: 17.32 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 186

Ion	Ratio	Lower	Upper
266	100		
264	83.9	72.5	108.7
268	82.3	73.8	110.6

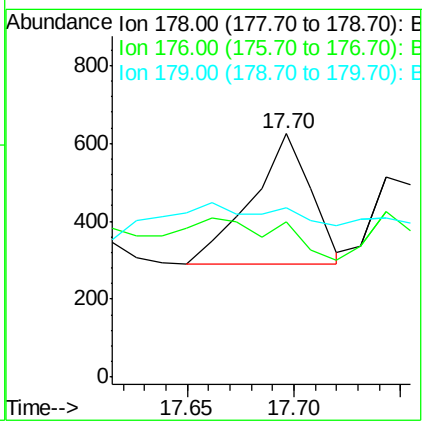


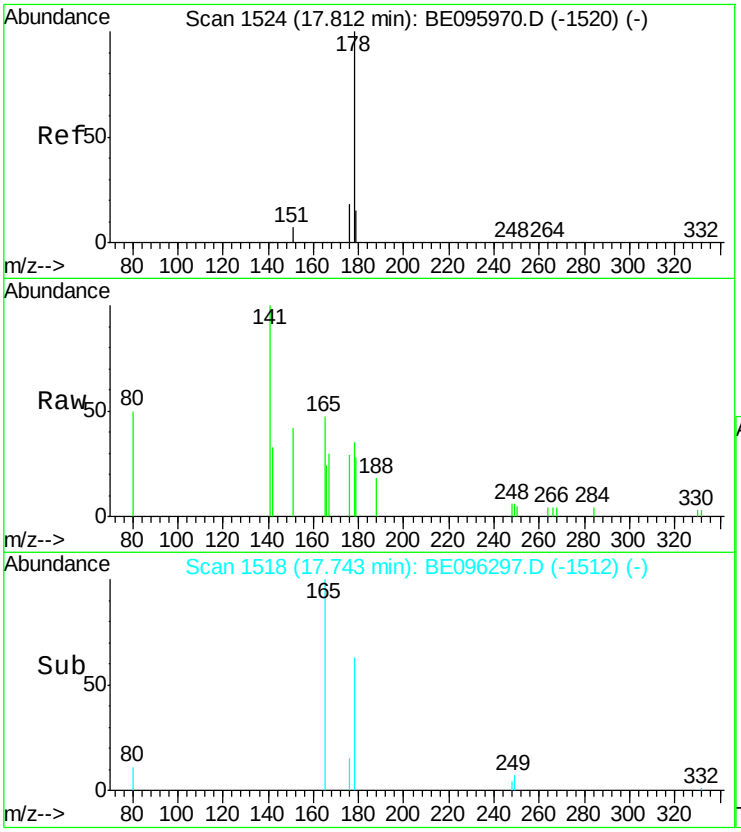


#23
Phenanthrene
Concen: 0.057 ng
RT: 17.70 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:178 Resp: 650

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	0.0	11.8	17.6#



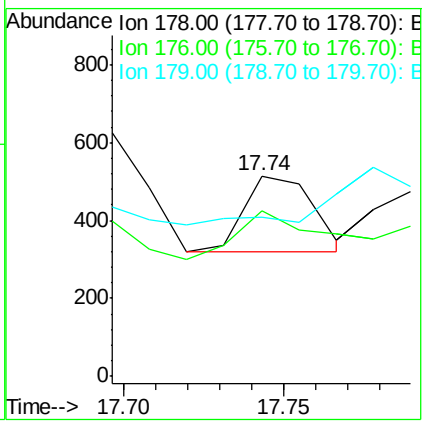


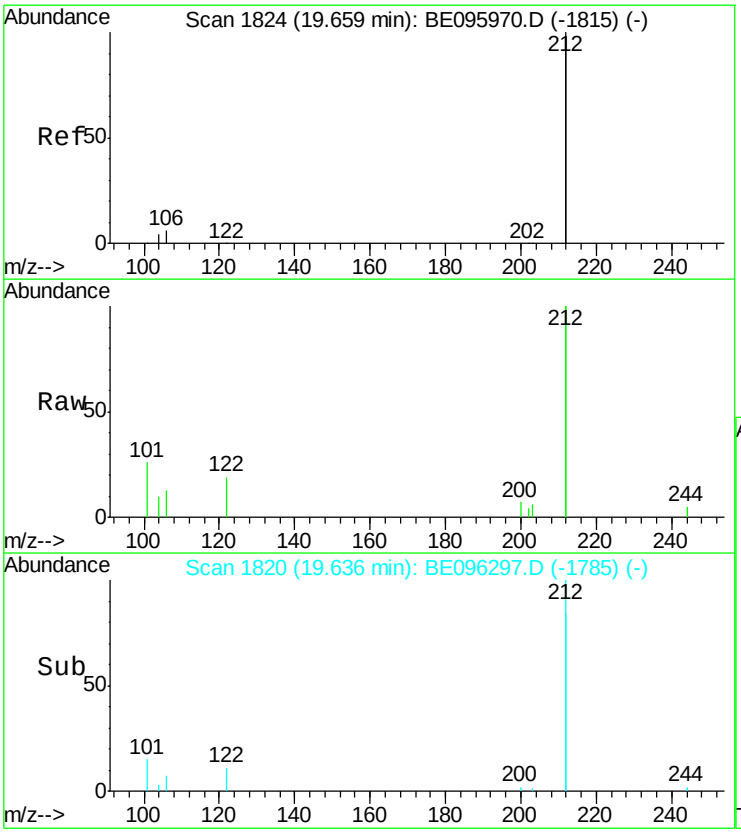
#24
Anthracene
Concen: 0.026 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.03 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 287

Ion	Ratio	Lower	Upper
178	100		
176	122.0	12.8	19.2#
179	0.0	13.0	19.6#

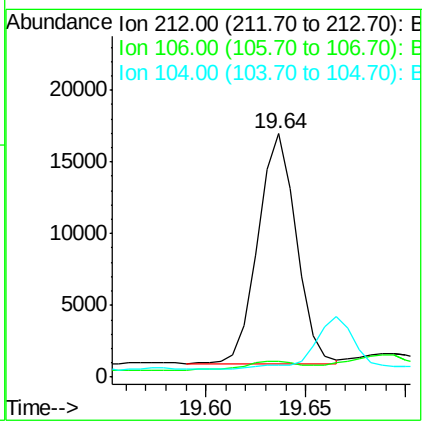


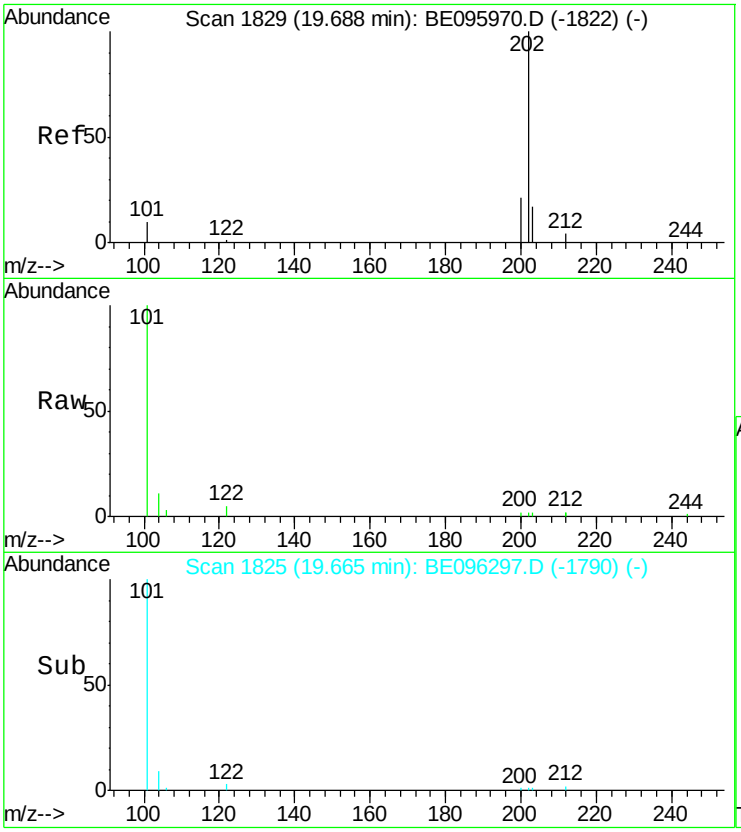


#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.64 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:212 Resp: 21309

Ion	Ratio	Lower	Upper
212	100		
106	6.5	2.8	4.2#
104	0.0	1.6	2.4#



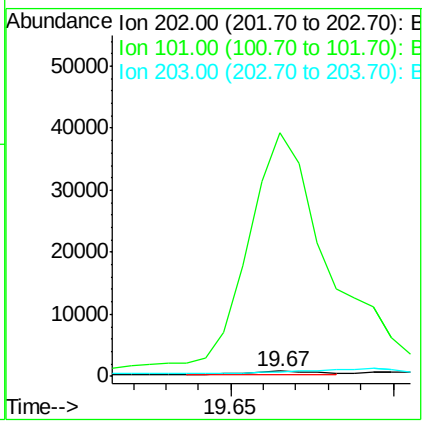


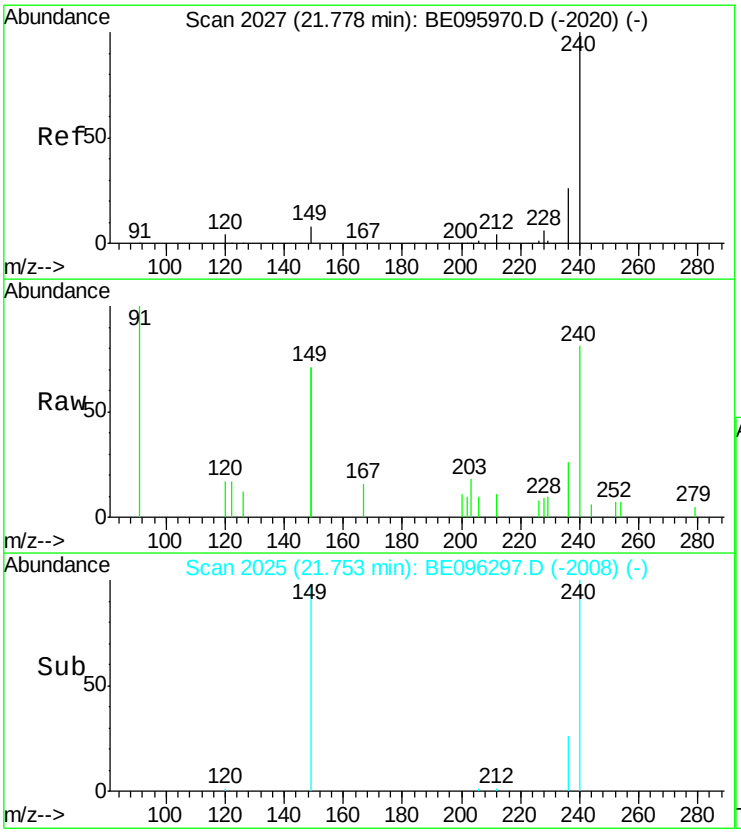
#26
Fluoranthene
Concen: 0.053 ng
RT: 19.67 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 794

Ion	Ratio	Lower	Upper
202	100		
101	8775.6	9.8	14.8#
203	0.0	13.7	20.5#

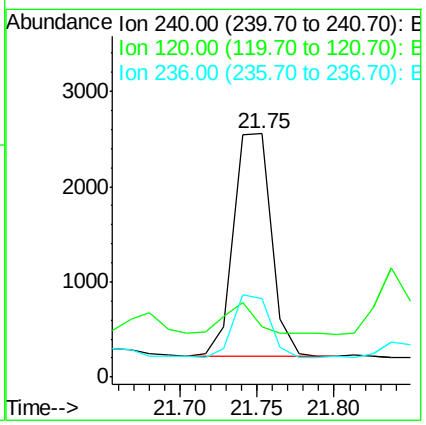


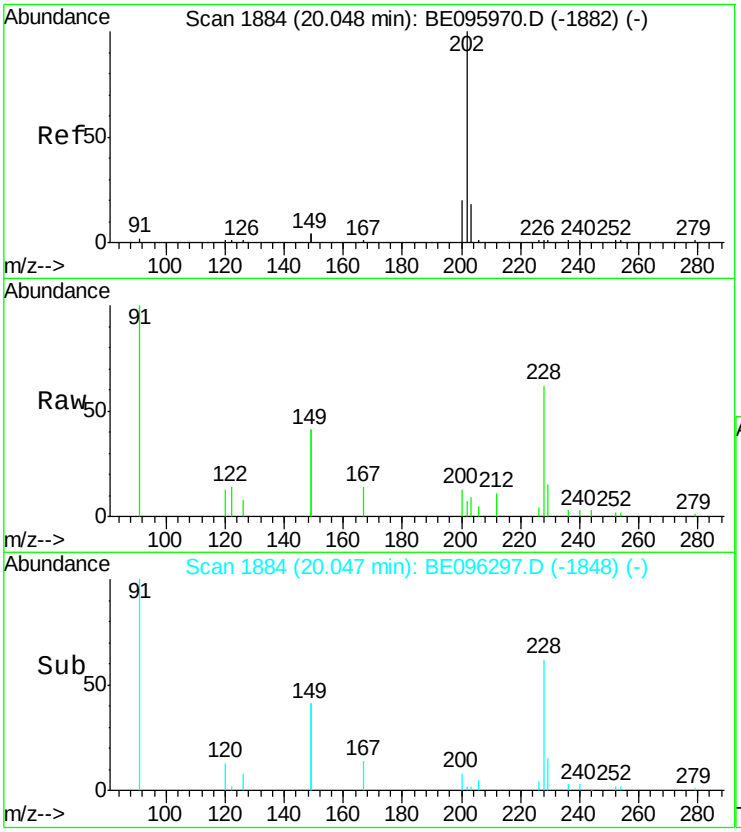


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.75 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:240 Resp: 3924

Ion	Ratio	Lower	Upper
240	100		
120	20.7	5.5	8.3#
236	32.0	20.7	31.1#



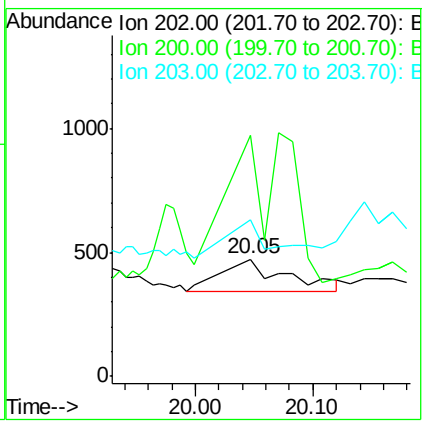


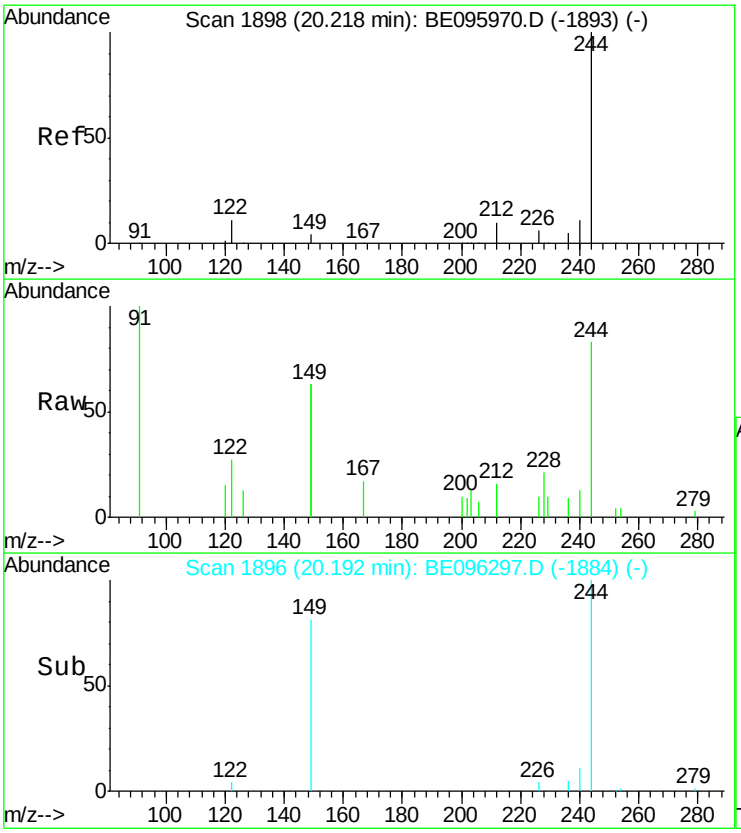
#28
Pyrene
Concen: 0.056 ng
RT: 20.05 min Scan# 1884
Delta R.T. 0.05 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 436

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.6	25.0#
203	45.0	13.8	20.8#

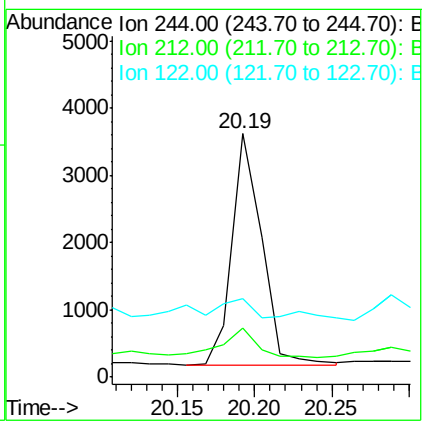


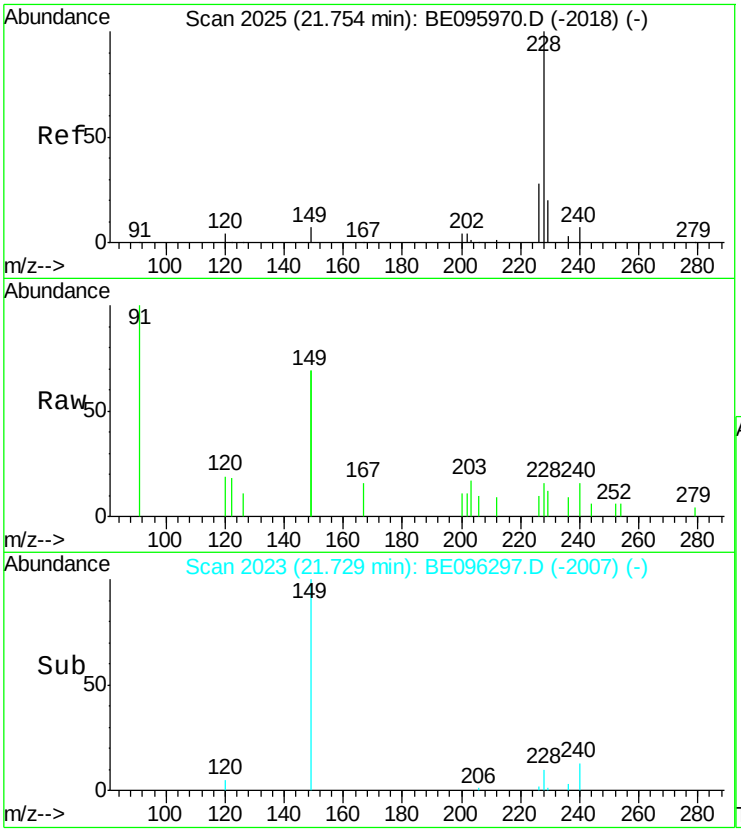


#29
Terphenyl-d14
Concen: 0.523 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:244 Resp: 4537

Ion	Ratio	Lower	Upper
244	100		
212	19.9	25.4	38.0#
122	32.0	8.1	12.1#



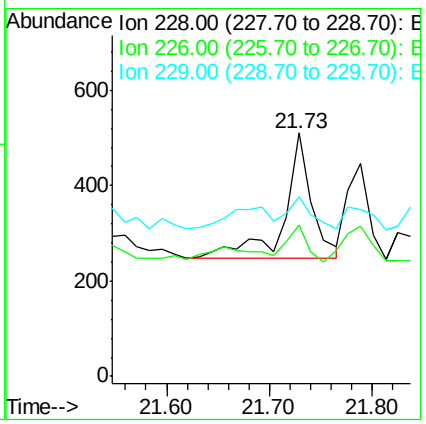


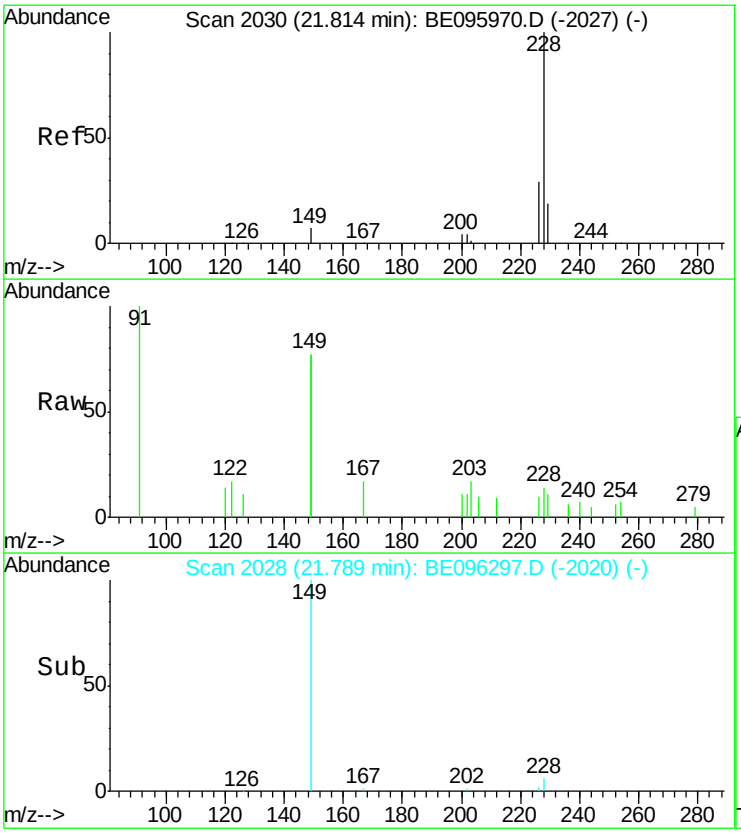
#30
Benzo(a)anthracene
Concen: 0.039 ng
RT: 21.73 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 490

Ion	Ratio	Lower	Upper
228	100		
226	62.2	24.0	36.0#
229	73.6	16.0	24.0#

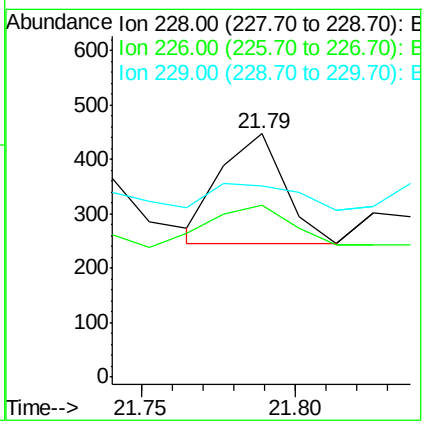


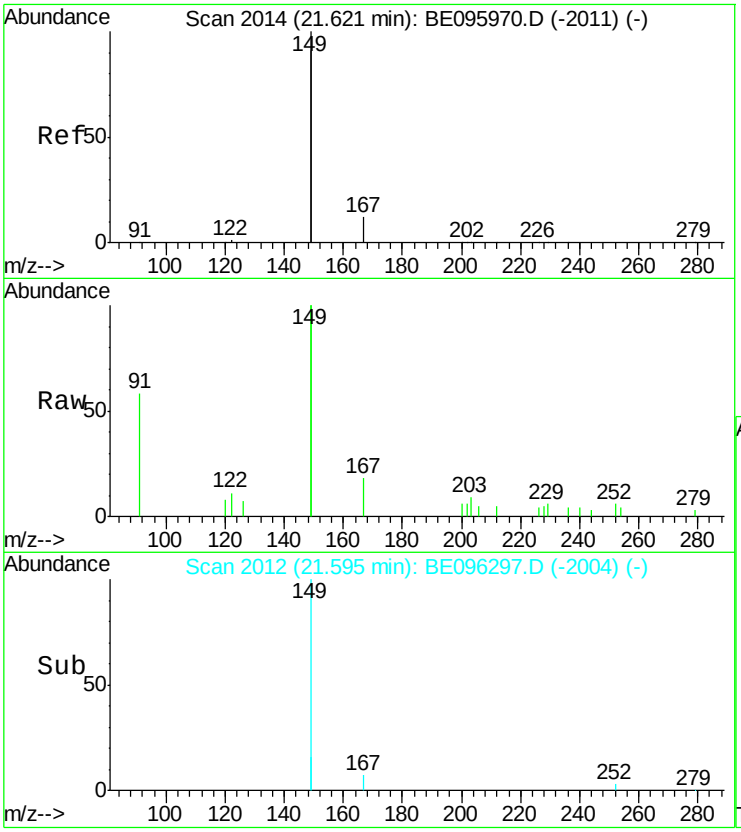


#31
Chrysene
Concen: 0.024 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:228 Resp: 286

Ion	Ratio	Lower	Upper
228	100		
226	70.7	24.0	36.0#
229	78.5	16.0	24.0#



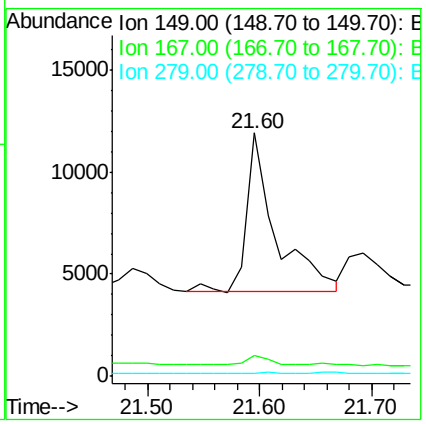


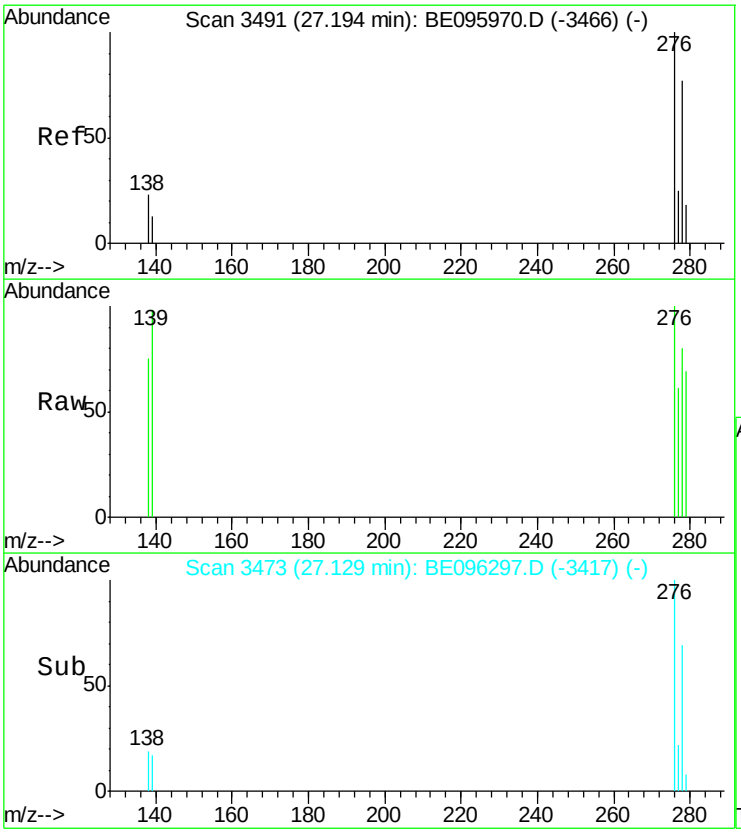
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.429 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 13944

Ion	Ratio	Lower	Upper
149	100		
167	4.7	5.4	8.0#
279	0.8	0.7	1.1

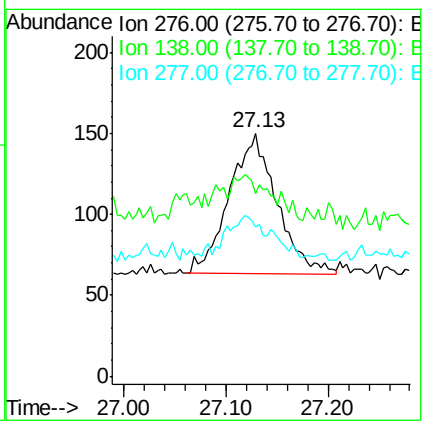


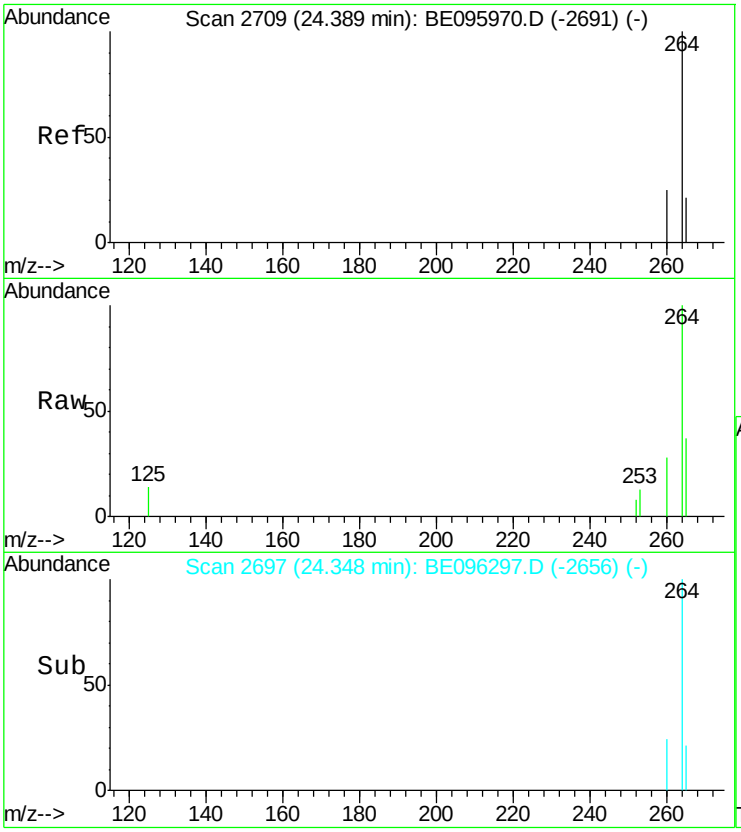


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 27.13 min Scan# 3473
Delta R.T. -0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:276 Resp: 280

Ion	Ratio	Lower	Upper
276	100		
138	26.4	22.5	33.7
277	18.6	19.9	29.9#



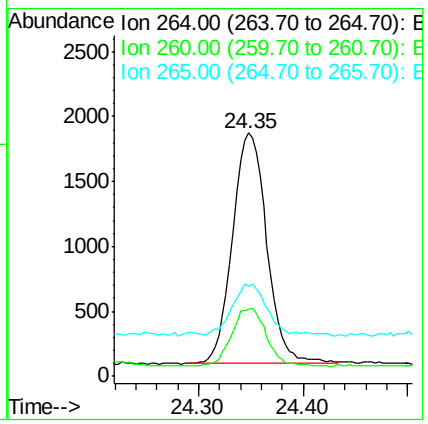


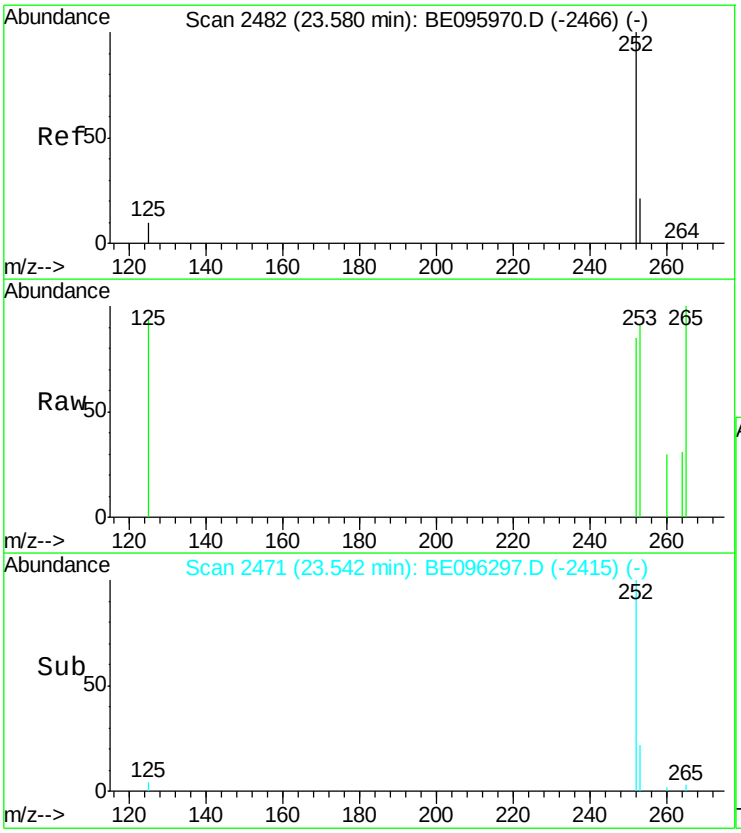
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 4025

Ion	Ratio	Lower	Upper
264	100		
260	27.6	20.5	30.7
265	37.0	22.8	34.2#

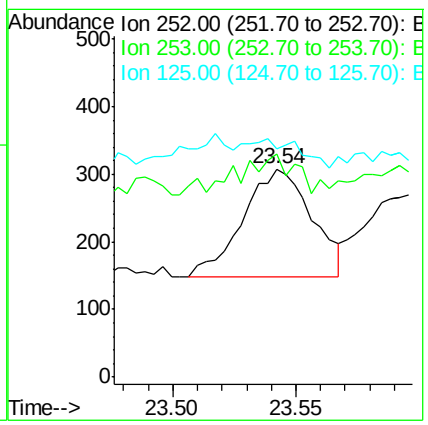


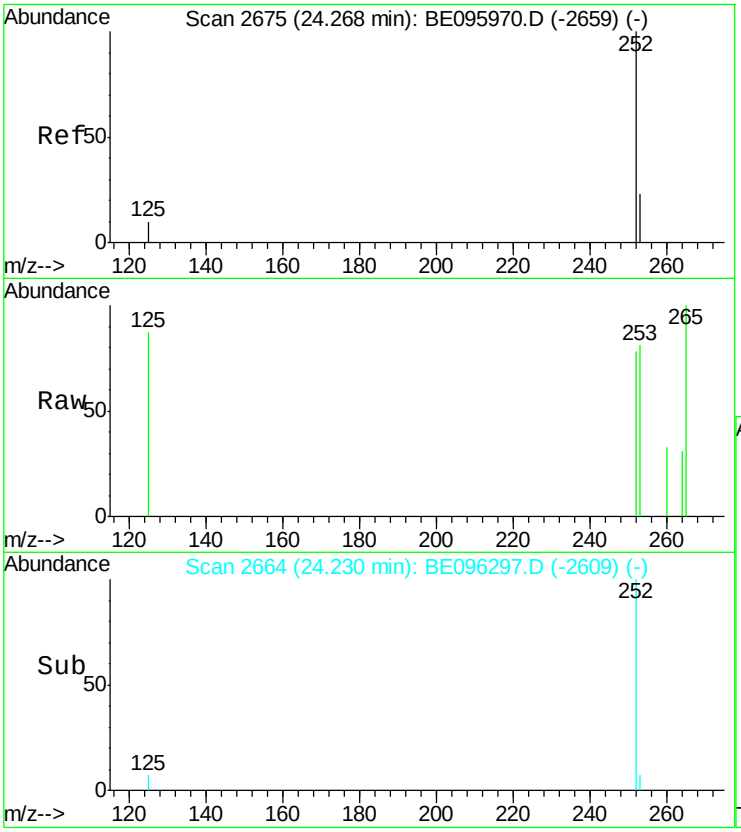


#35
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:252 Resp: 309

Ion	Ratio	Lower	Upper
252	100		
253	107.1	20.0	30.0#
125	109.7	16.0	24.0#



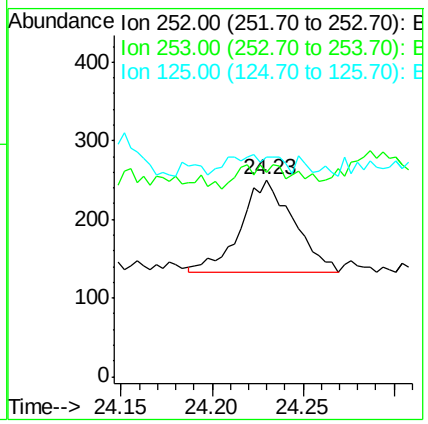


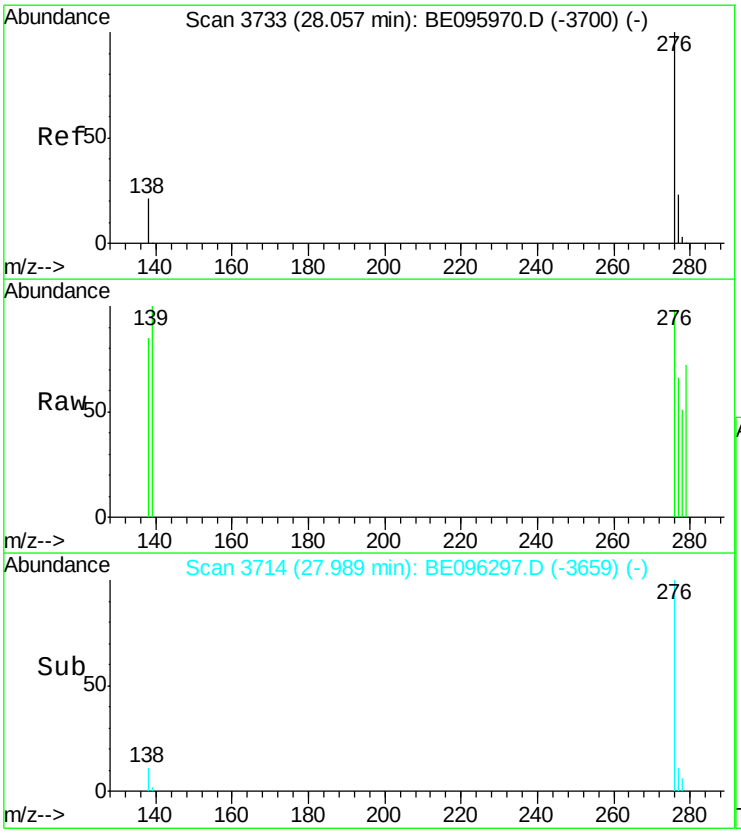
#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 24.23 min Scan# 2664
Delta R.T. -0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 243

Ion	Ratio	Lower	Upper
252	100		
253	104.0	16.0	24.0#
125	111.6	12.0	18.0#





#39
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 27.99 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion:276 Resp: 227

Ion	Ratio	Lower	Upper
276	100		
277	66.7	16.0	24.0#
138	86.2	20.0	30.0#