Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
Data File : BE097600.D
Acq On : 21 Sep 2018 8:02
Operator : SJ/JU
Sample : J4980-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 21 13:25:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	795	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3670	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2233	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	7141	0.40	ng		0.01
27) Chrysene-d12	20.97	240	10398	0.40	ng		0.00
34) Perylene-d12	23.20	264	10104	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	343	0.14	ng		0.00
5) Phenol-d6	6.63	99	173	0.06	ng		0.02
8) Nitrobenzene-d5	8.55	82	880	0.31	ng		0.02
11) 2-Methylnaphthalene-d10	11.73	152	1946	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	328	0.39	ng		0.01
15) 2-Fluorobiphenyl	12.62	172	3787	0.48	ng		0.00
25) Fluoranthene-d10	18.80	212	36306	0.40	ng		0.00
29) Terphenyl-d14	19.41	244	8377	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	122	0.054	ng	#	60
3) n-Nitrosodimethylamine	3.31	42	13	0.027	ng	#	1
6) bis(2-Chloroethyl)ether	6.81	93	83	0.029	ng	#	1
22) Pentachlorophenol	16.46	266	6	0.133	ng		93
23) Phenanthrene	16.80	178	691	0.041	ng	#	94
26) Fluoranthene	18.83	202	1581	0.067	ng		99
28) Pyrene	19.20	202	1408	0.059	ng	#	95
30) Benzo(a)anthracene	20.95	228	661	0.025	ng	#	86
31) Chrysene	21.00	228	1010	0.036	ng	#	83
32) Bis(2-ethylhexyl)phthalate	20.89	149	4352	0.109	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	681	0.020	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	1354	0.052	ng	#	76
36) Benzo(k)fluoranthene	22.53	252	1354	0.046	ng	#	57
37) Benzo(a)pyrene	23.10	252	760	0.049	ng	#	39
39) Benzo(g,h,i)perylene	26.21	276	727	0.028	ng	#	70

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

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QLast Update : Thu Sep 20 10:54:43 2018
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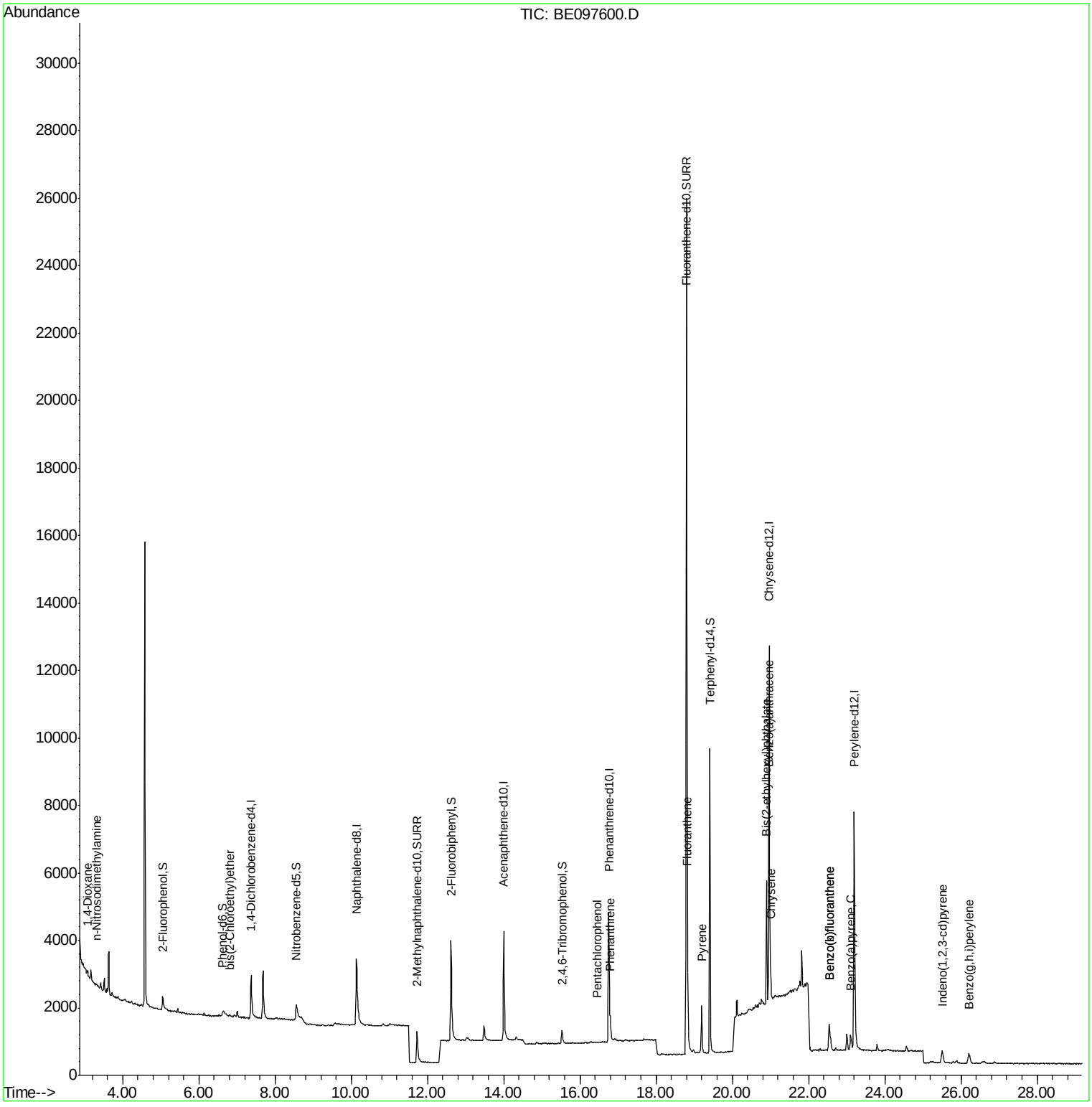
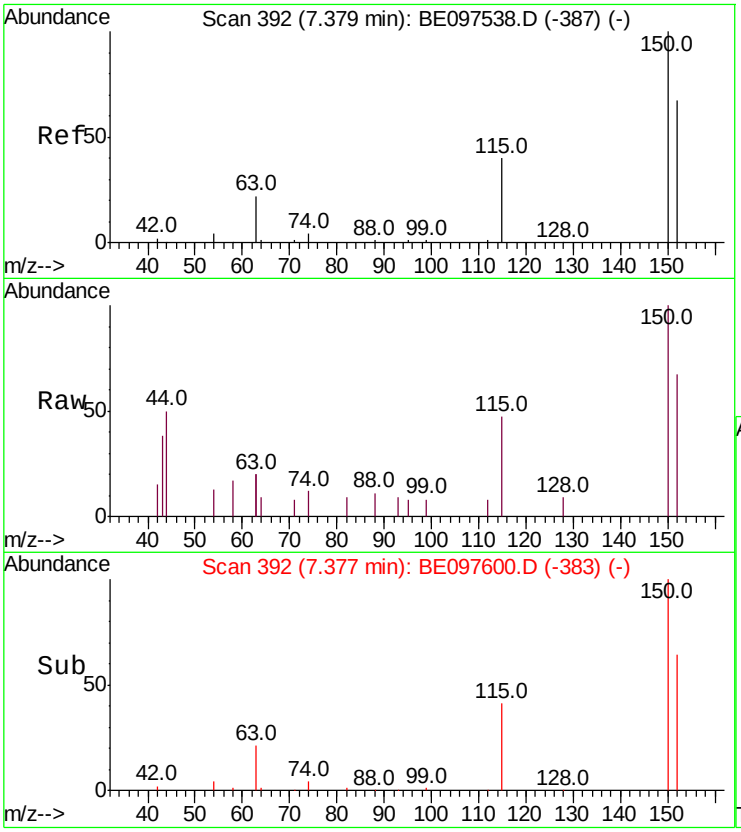


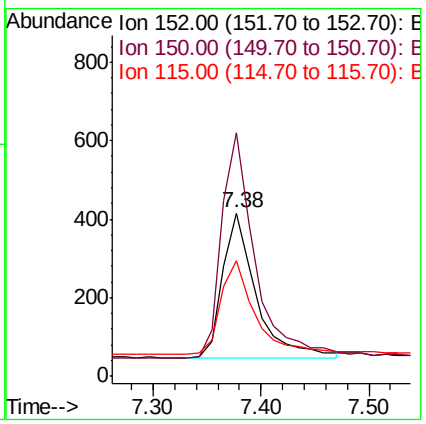


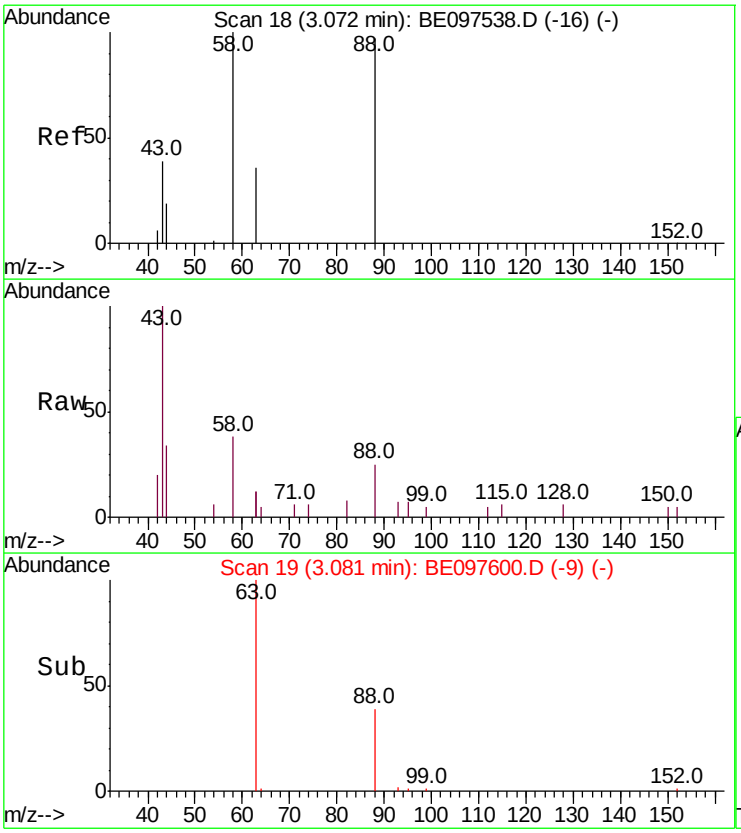
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 795

Ion	Ratio	Lower	Upper
152	100		
150	149.4	117.2	175.8
115	70.8	57.0	85.6

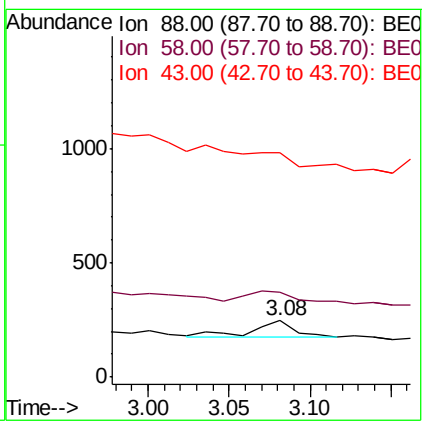


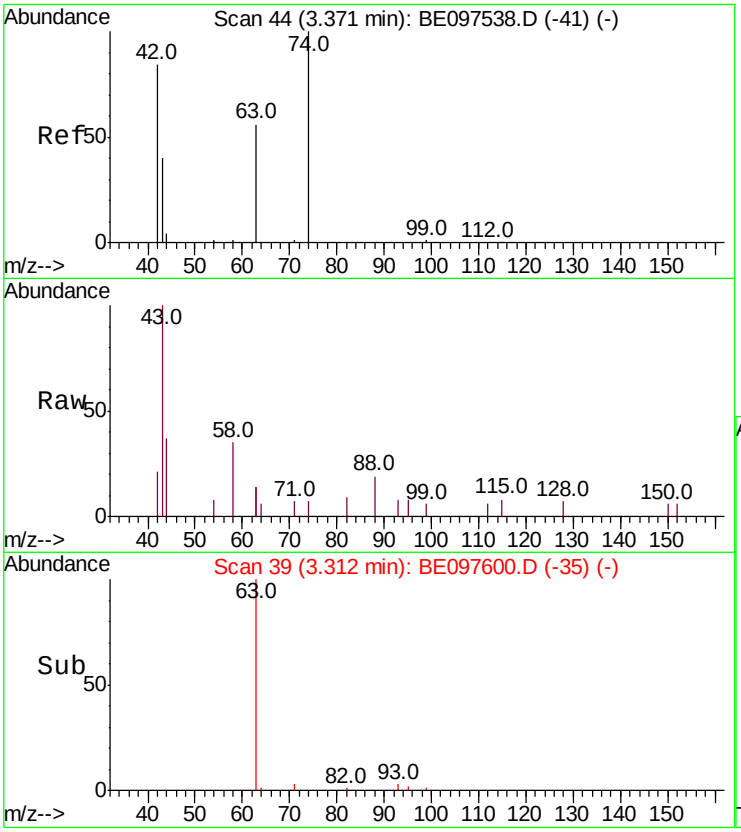


#2
1,4-Dioxane
Concen: 0.054 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion: 88 Resp: 122

Ion	Ratio	Lower	Upper
88	100		
58	95.1	63.2	94.8#
43	0.0	41.2	61.8#



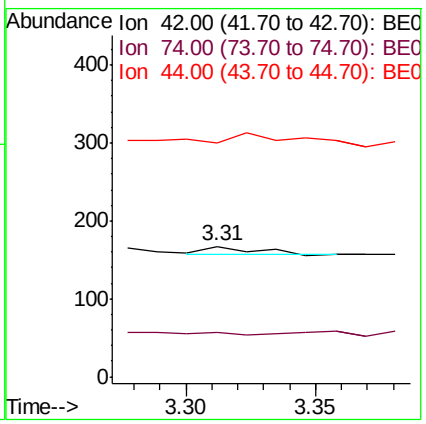


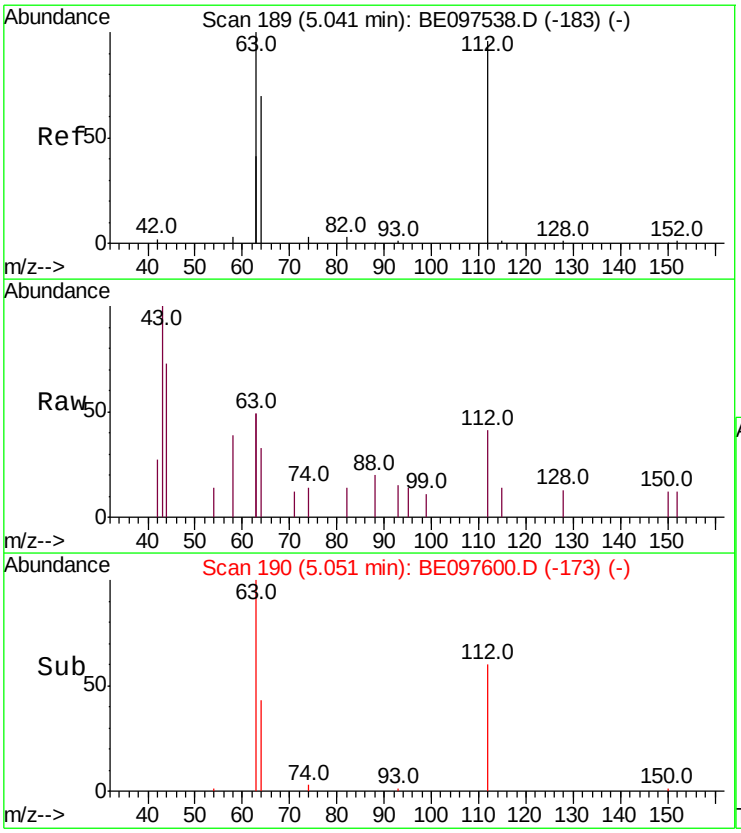
#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.06 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 13

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	246.2	12.0	18.0#

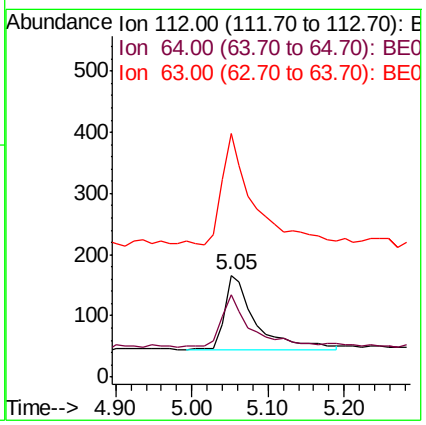


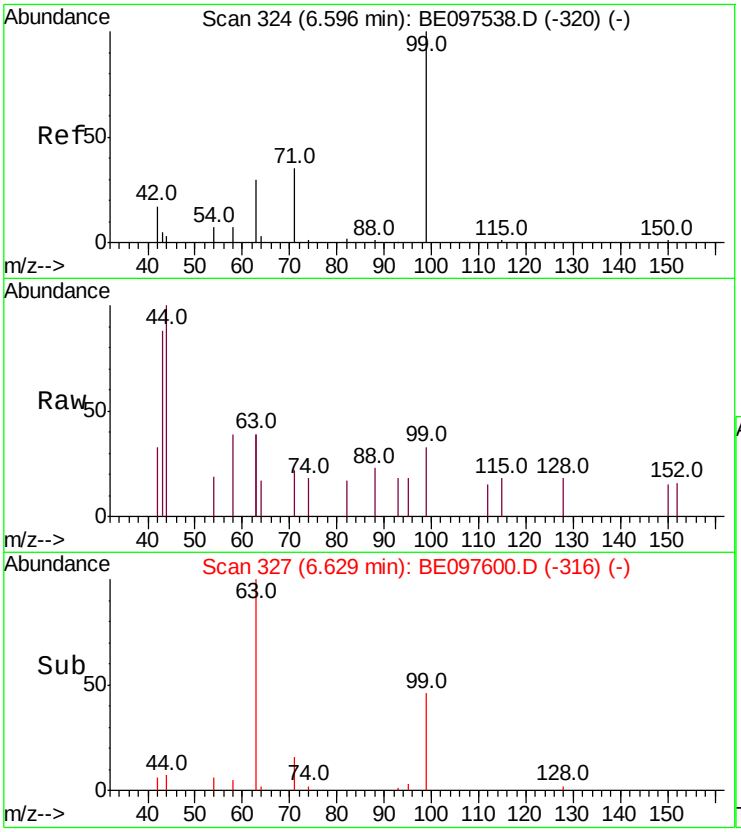


#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion:112 Resp: 343

Ion	Ratio	Lower	Upper
112	100		
64	66.2	60.1	90.1
63	153.1	116.8	175.2



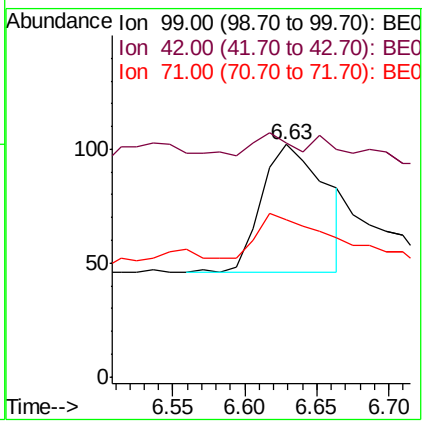


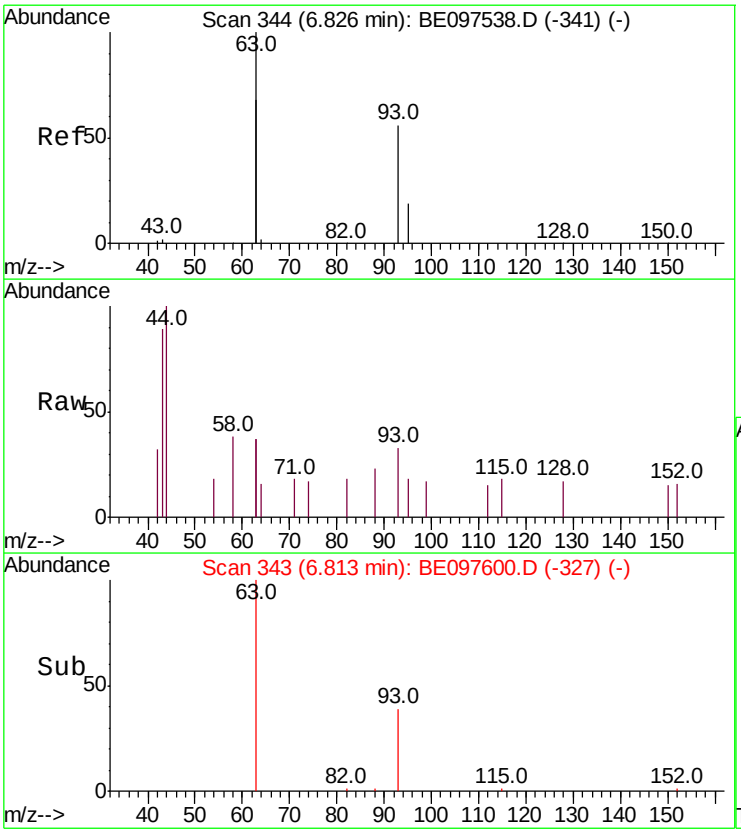
#5
Phenol-d6
Concen: 0.057 ng
RT: 6.63 min Scan# 327
Delta R.T. 0.02 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 173

Ion	Ratio	Lower	Upper
99	100		
42	8.1	20.2	30.2#
71	31.8	28.4	42.6

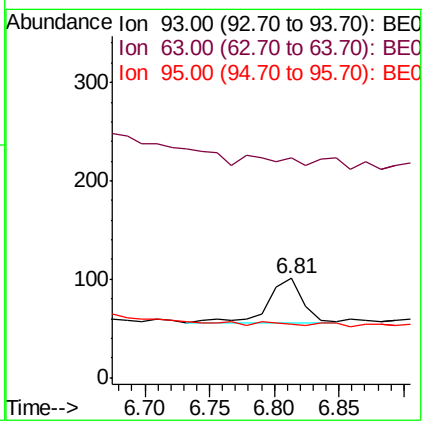


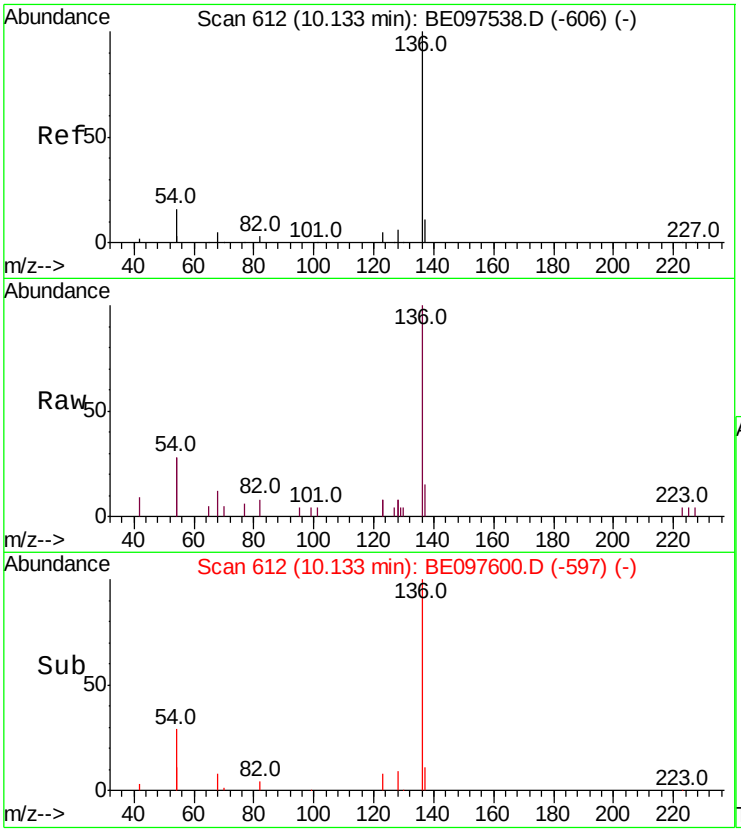


#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 6.81 min Scan# 343
Delta R.T. -0.01 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion: 93 Resp: 83

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#



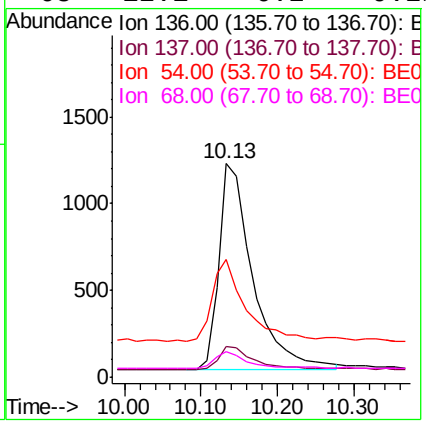


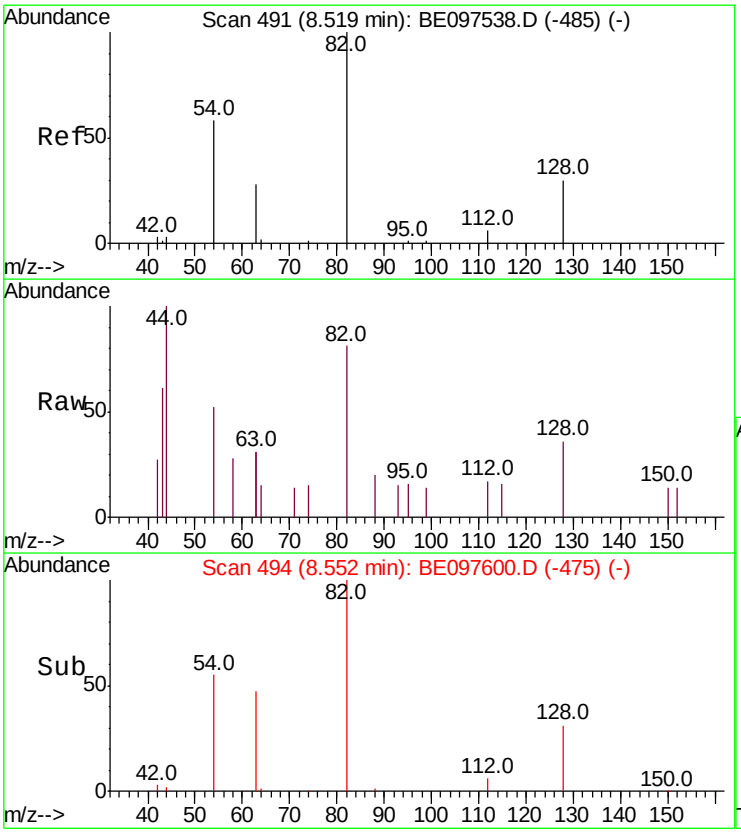
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3670

Ion	Ratio	Lower	Upper
136	100		
137	14.5	9.5	14.3#
54	55.4	29.1	43.7#
68	12.1	6.2	9.2#

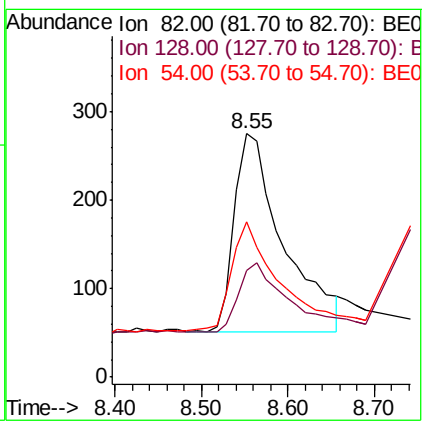


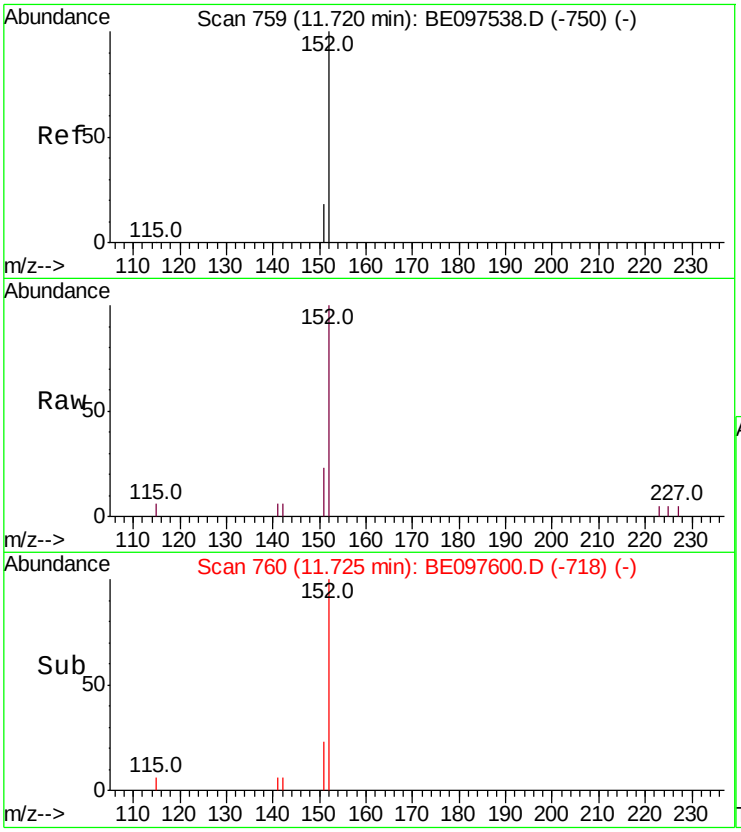


#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.55 min Scan# 494
Delta R.T. 0.02 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion: 82 Resp: 880

Ion	Ratio	Lower	Upper
82	100		
128	43.6	24.0	36.0#
54	63.6	40.0	60.0#



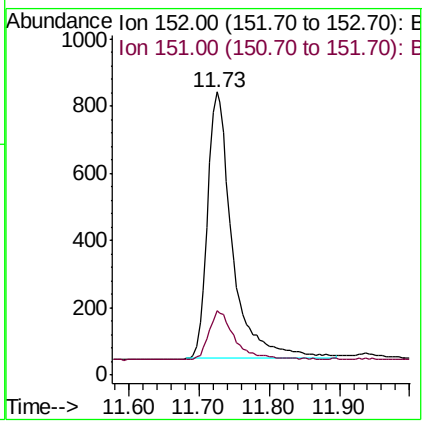


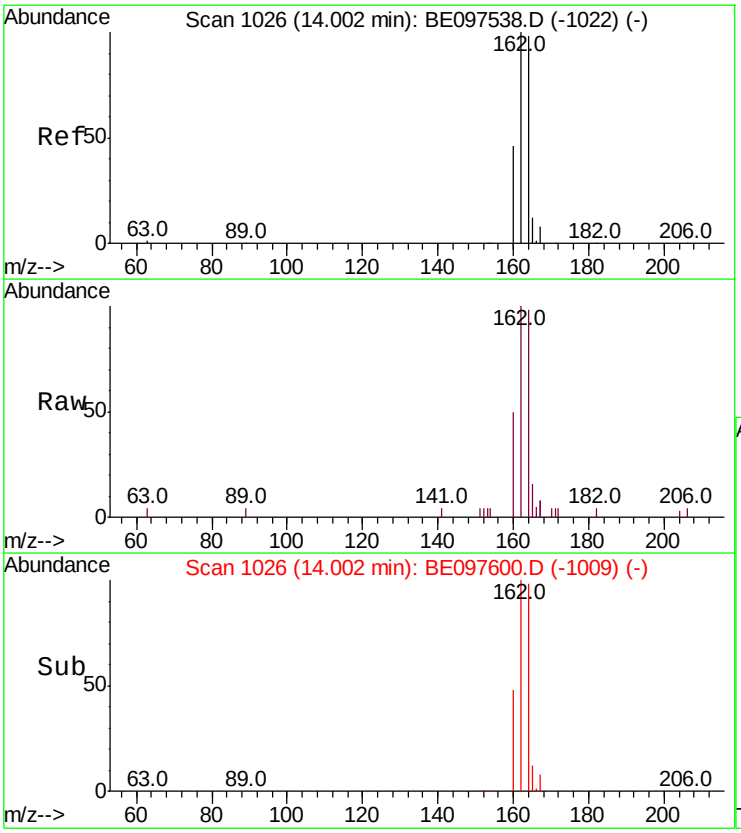
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.73 min Scan# 760
Delta R.T. 0.01 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1946

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.0

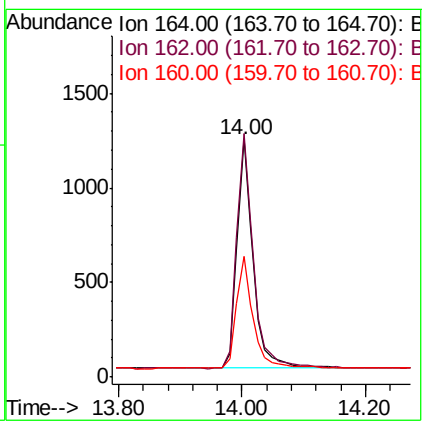


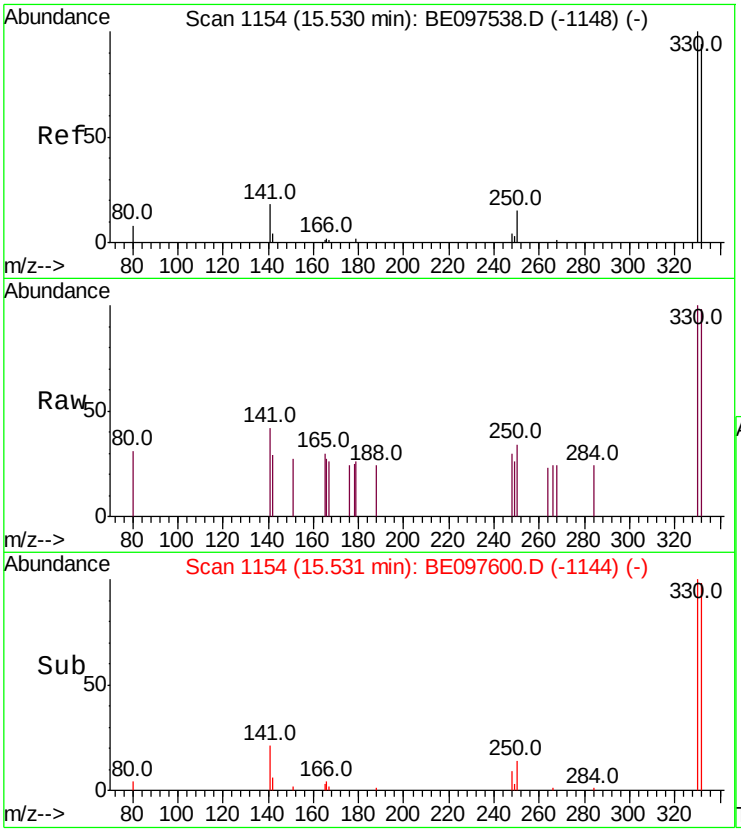


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion:164 Resp: 2233

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.1	124.7
160	50.8	37.1	55.7



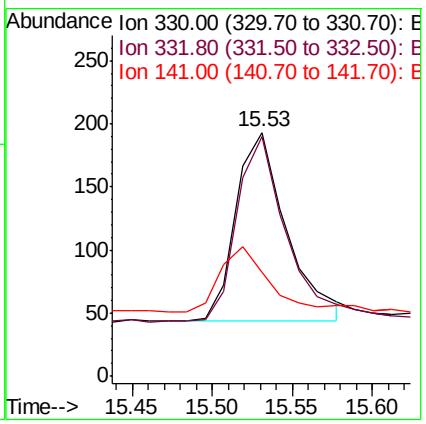


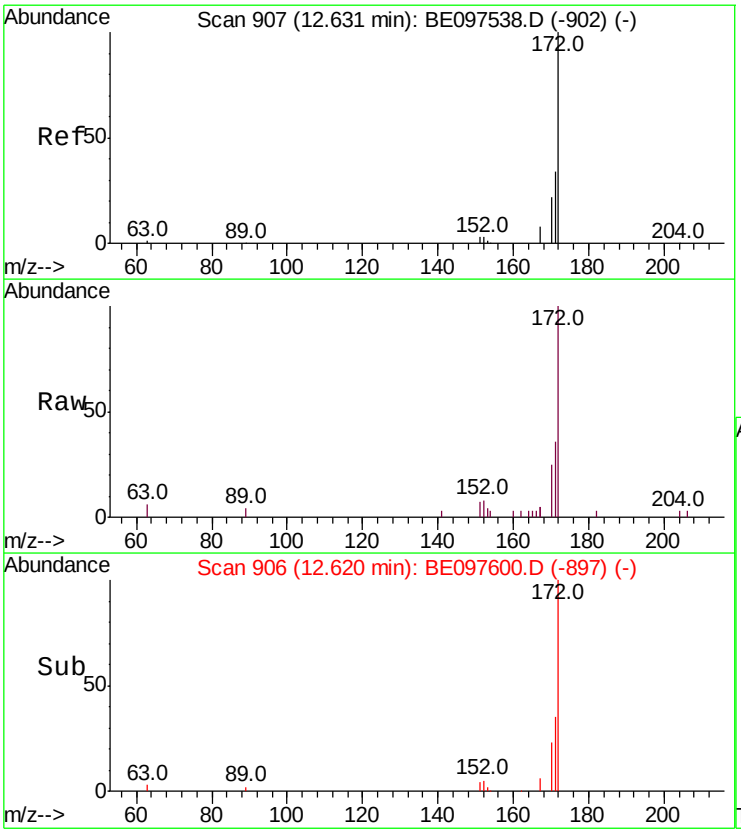
#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 328

Ion	Ratio	Lower	Upper
330	100		
332	95.4	152.7	229.1#
141	32.3	33.7	50.5#

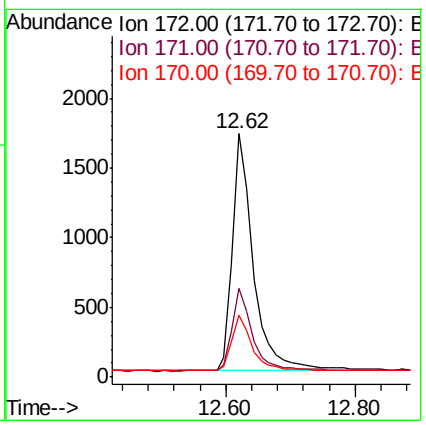


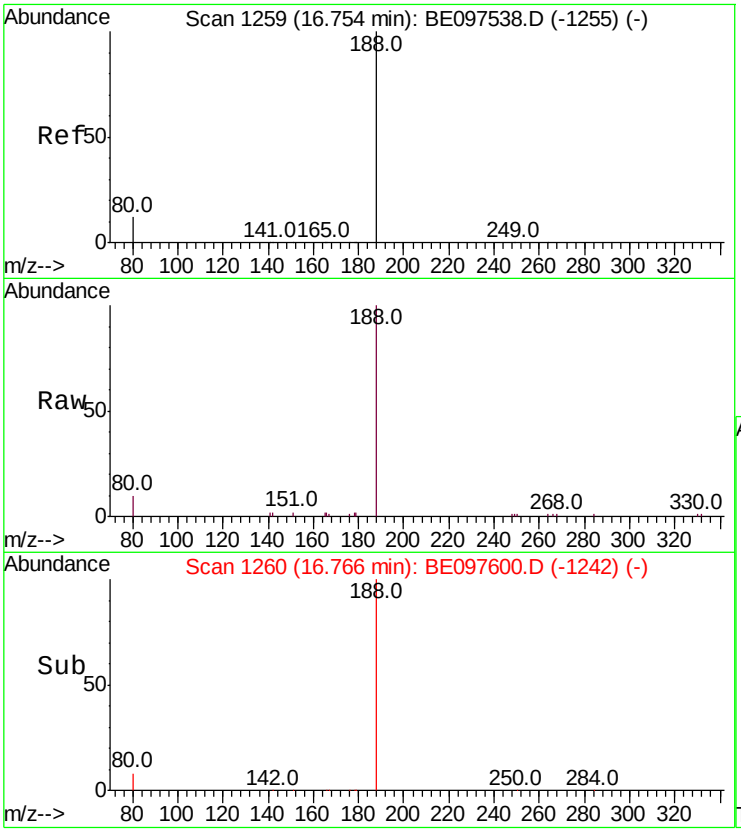


#15
2-Fluorobiphenyl
Concen: 0.480 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion:172 Resp: 3787

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	25.4	21.8	32.8



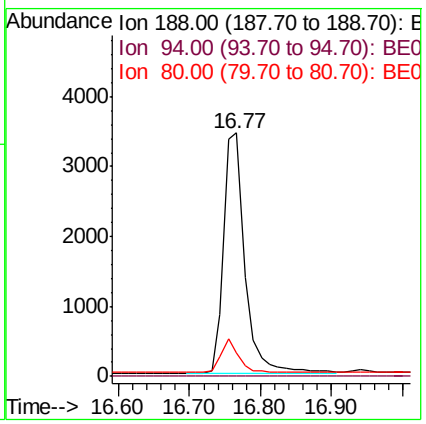


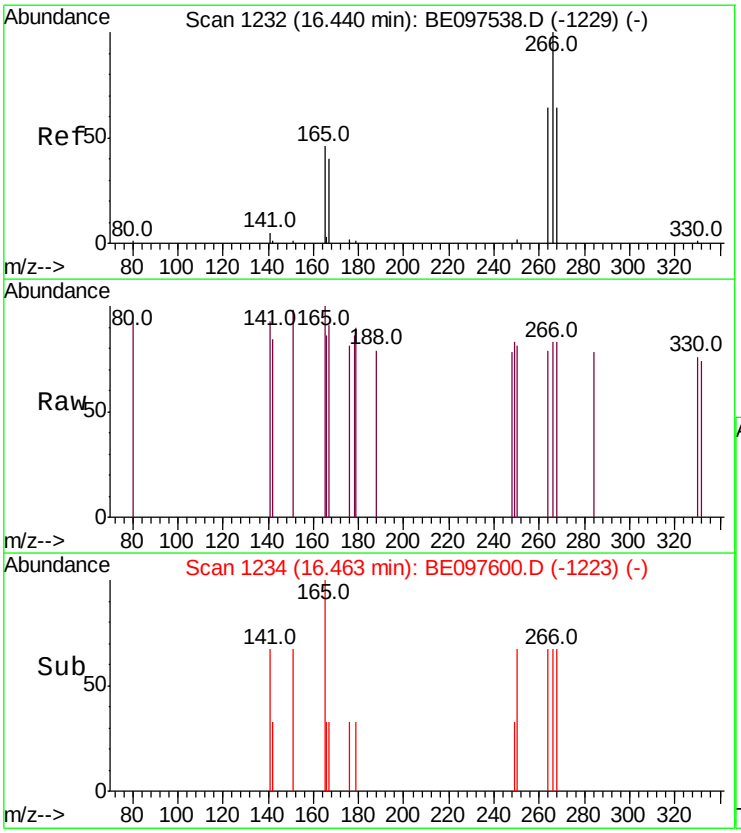
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7141

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.6	3.6	5.4#

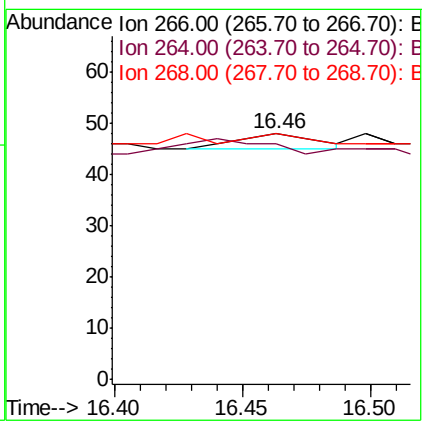


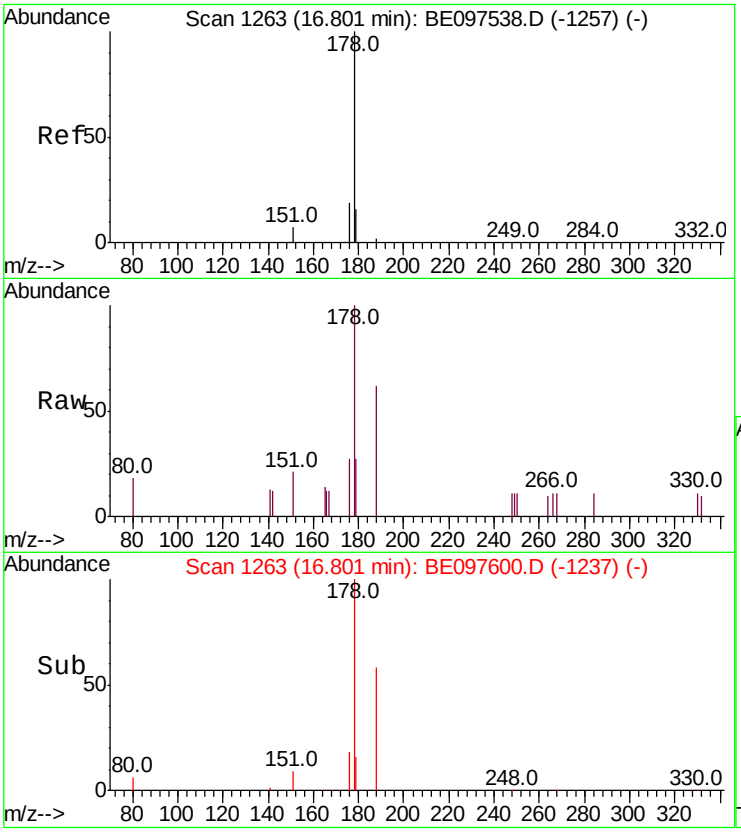


#22
Pentachlorophenol
Concen: 0.133 ng
RT: 16.46 min Scan# 1234
Delta R.T. 0.02 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	95.8	72.5	108.7
268	100.0	73.8	110.6



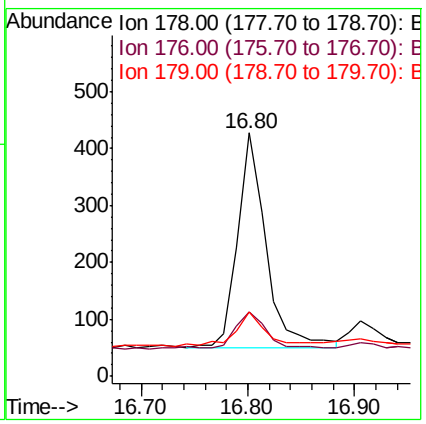


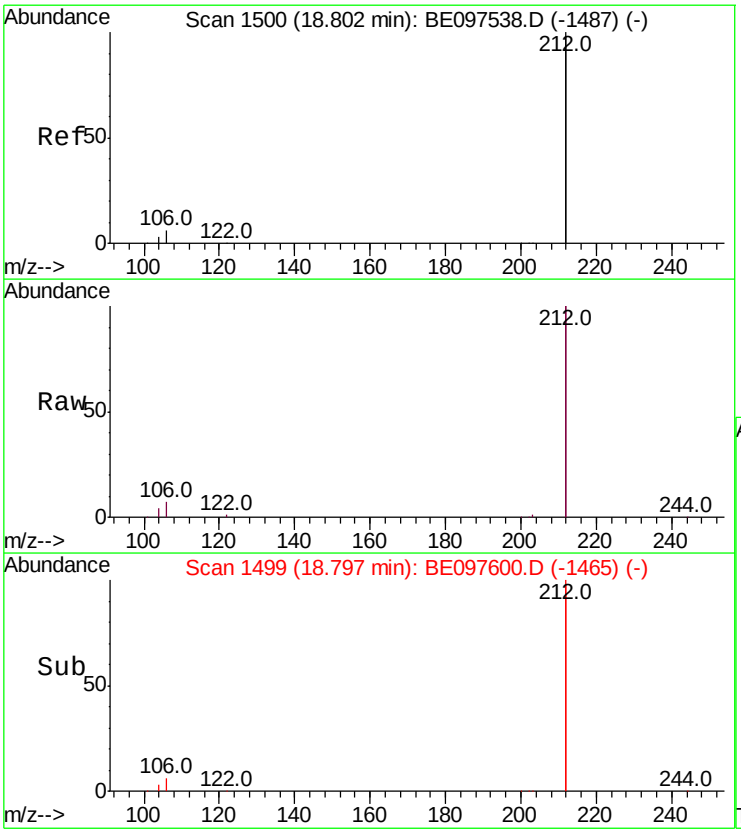
#23
Phenanthrene
Concen: 0.041 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 691

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	18.7	11.8	17.6#

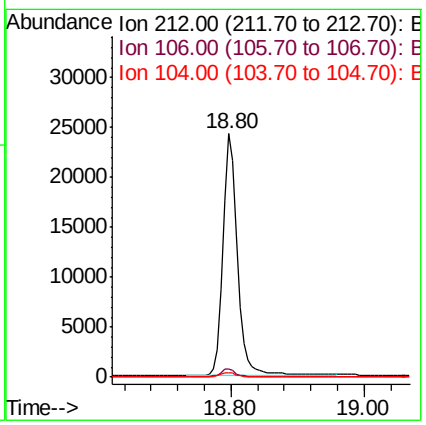


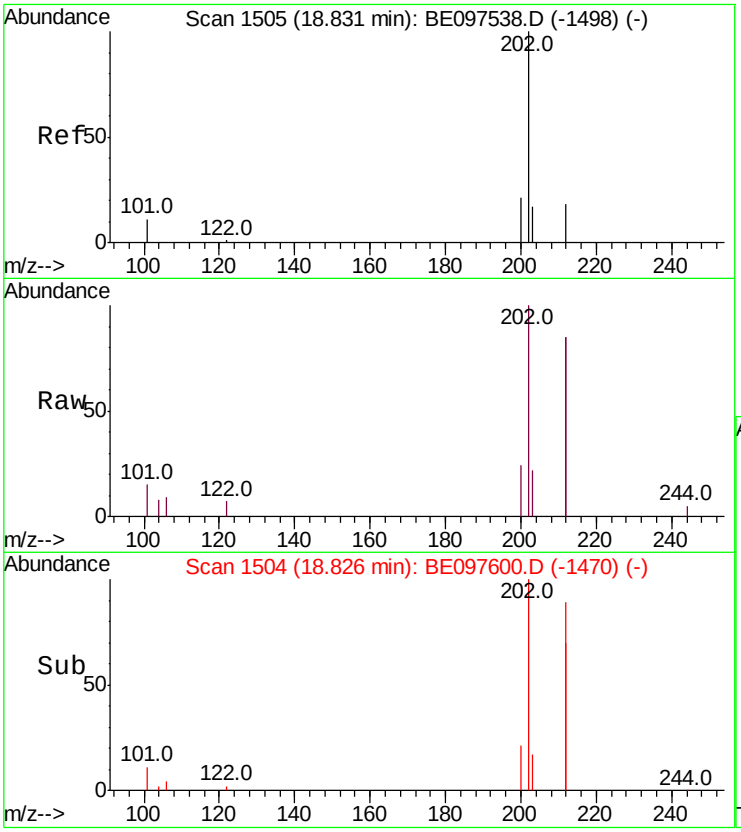


#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.80 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion:212 Resp: 36306

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4



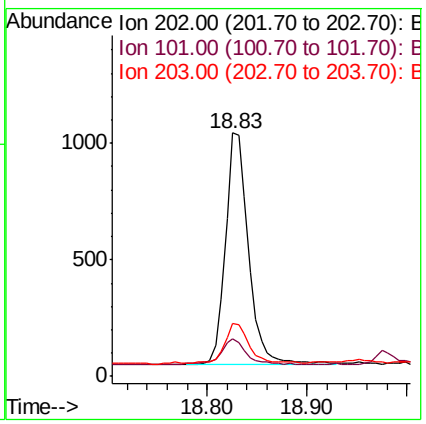


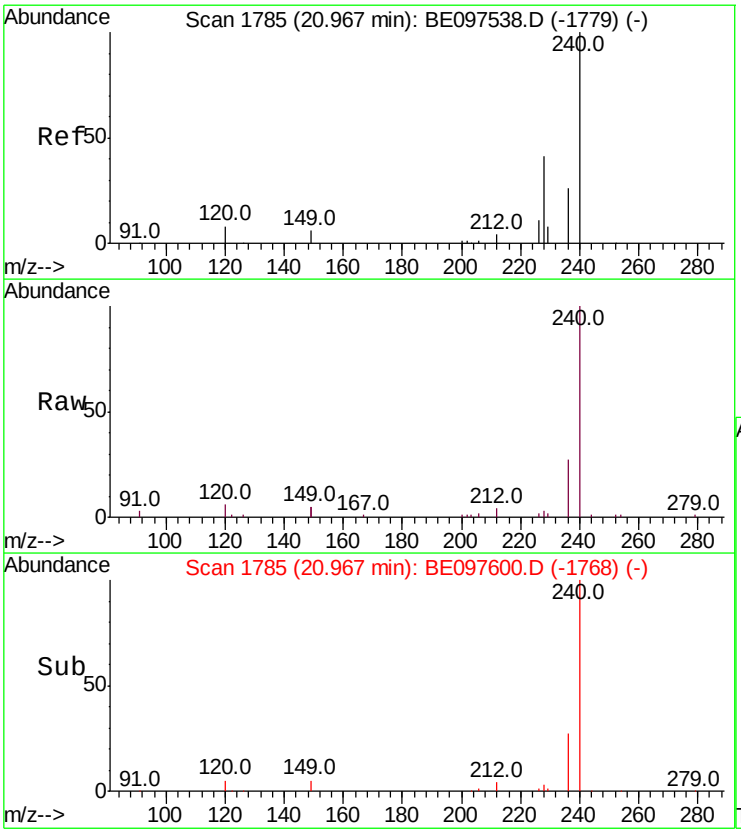
#26
Fluoranthene
Concen: 0.067 ng
RT: 18.83 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1581

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
203	17.9	13.7	20.5

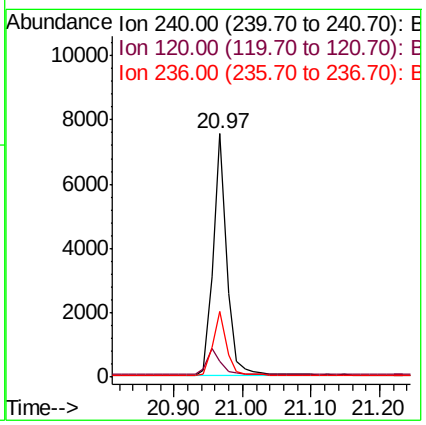


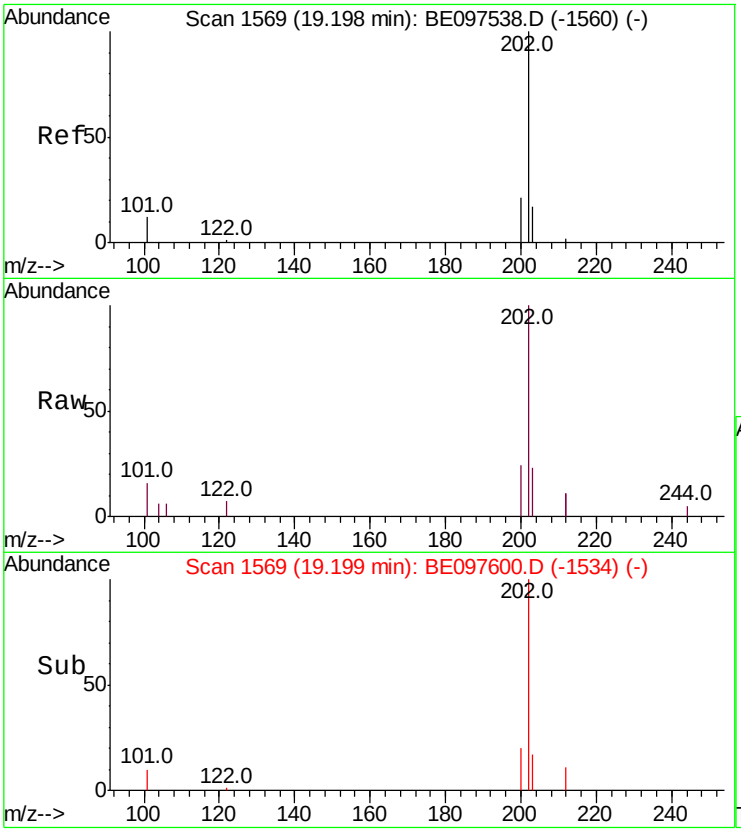


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion:240 Resp: 10398

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.5	8.3
236	27.2	20.7	31.1



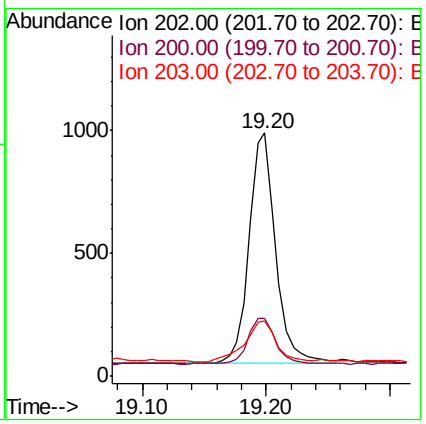


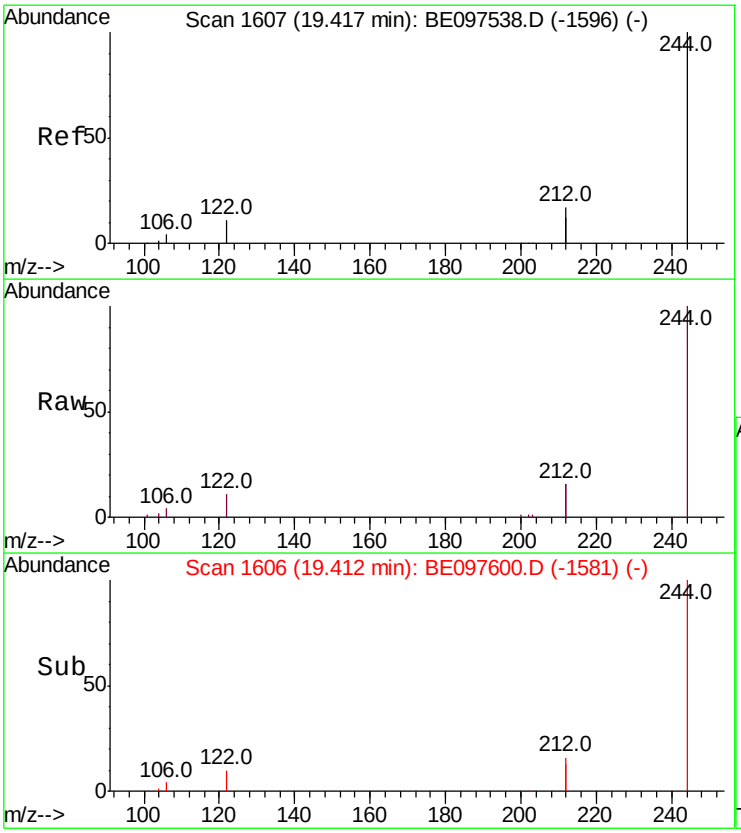
#28
Pyrene
Concen: 0.059 ng
RT: 19.20 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1408

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	21.0	13.8	20.8#

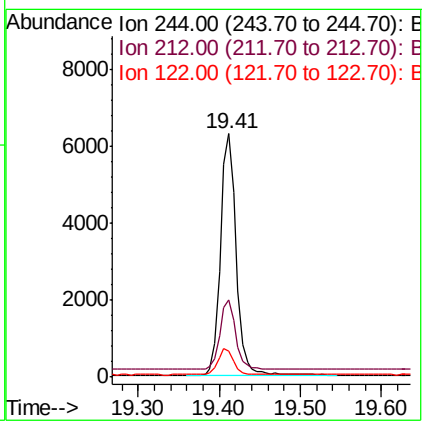


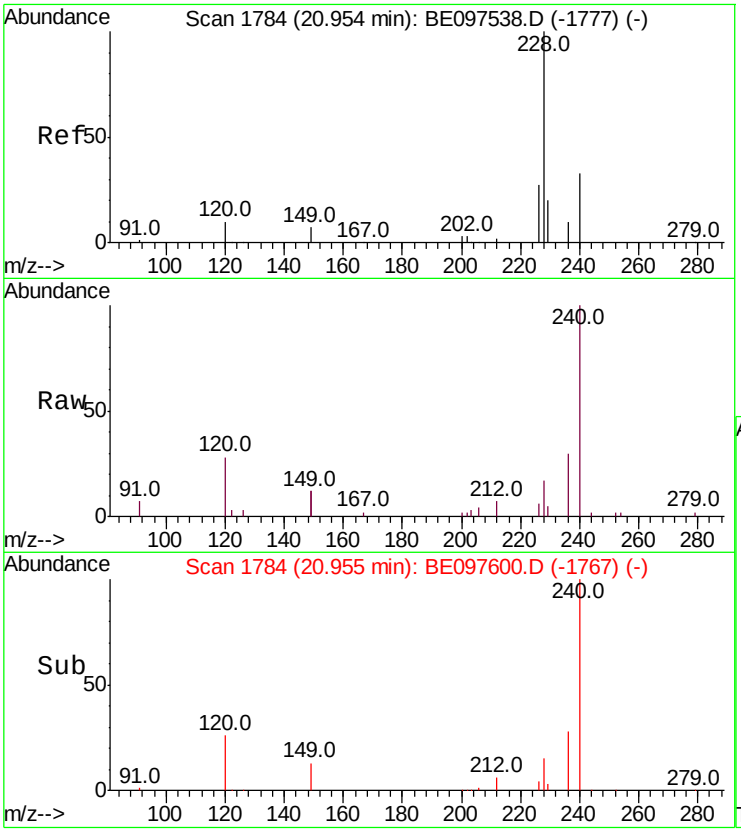


#29
Terphenyl-d14
Concen: 0.440 ng
RT: 19.41 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion:244 Resp: 8377

Ion	Ratio	Lower	Upper
244	100		
212	31.9	25.4	38.0
122	10.9	8.1	12.1



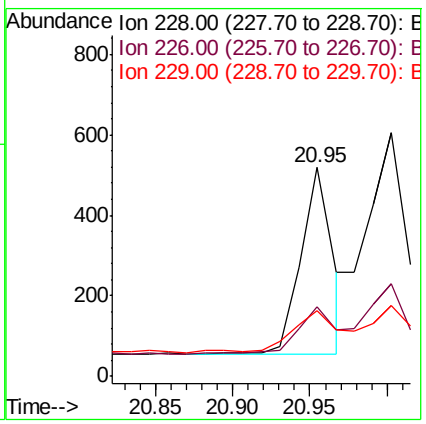


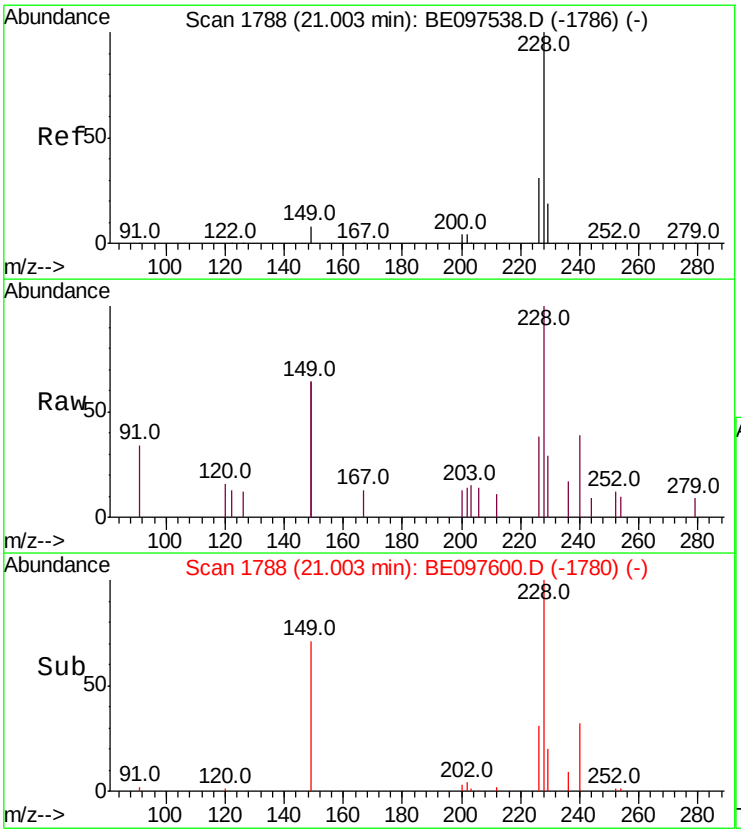
#30
Benzo(a)anthracene
Concen: 0.025 ng
RT: 20.95 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 661

Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.0	36.0
229	31.5	16.0	24.0#

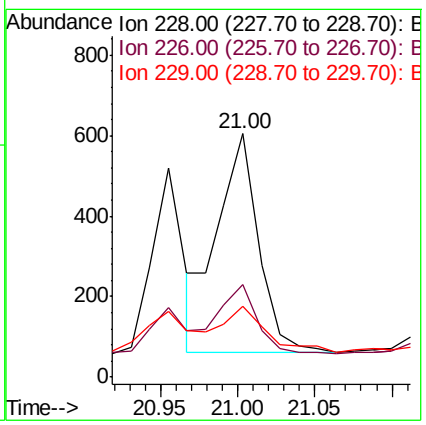


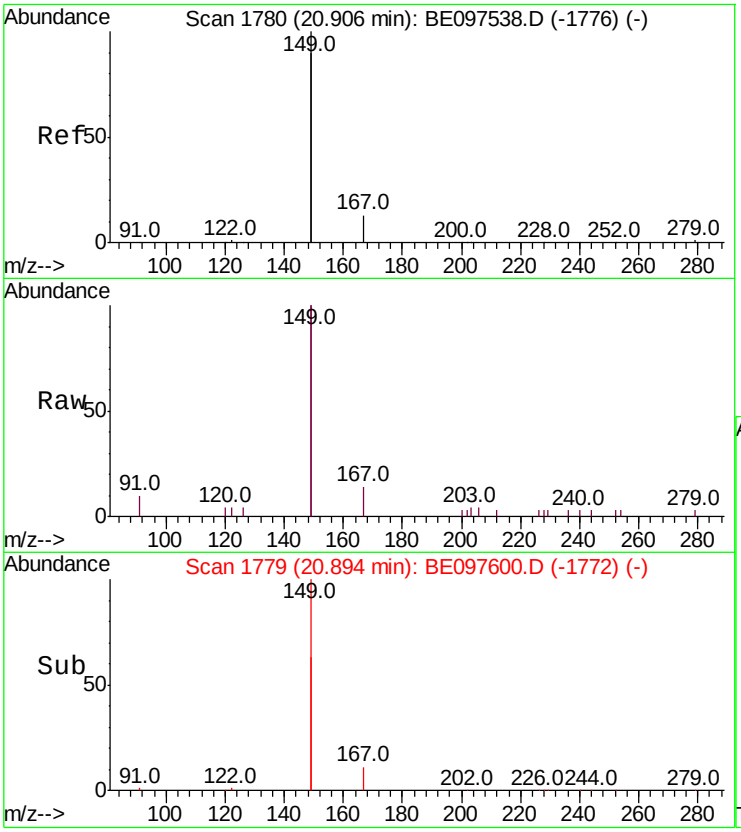


#31
Chrysene
Concen: 0.036 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion:228 Resp: 1010

Ion	Ratio	Lower	Upper
228	100		
226	38.0	24.0	36.0#
229	28.9	16.0	24.0#



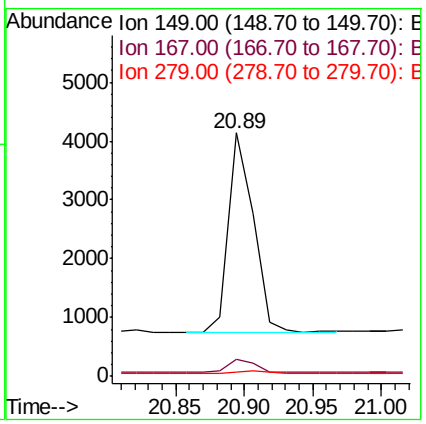


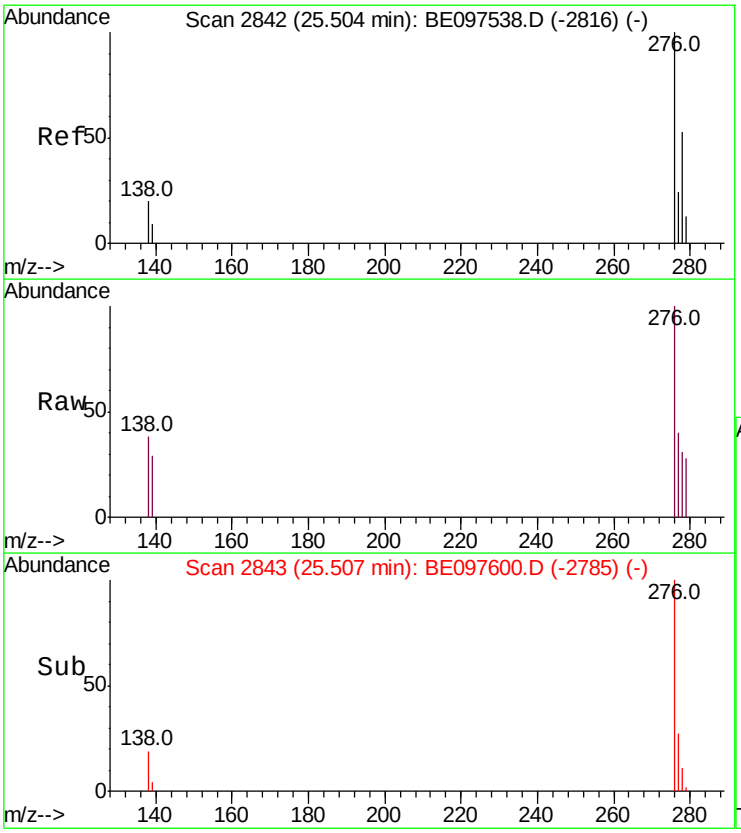
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.109 ng
RT: 20.89 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 4352

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.4	0.7	1.1#

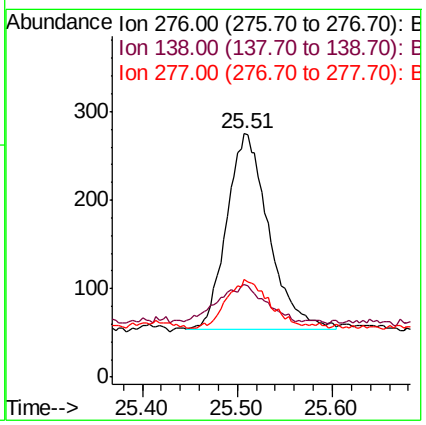


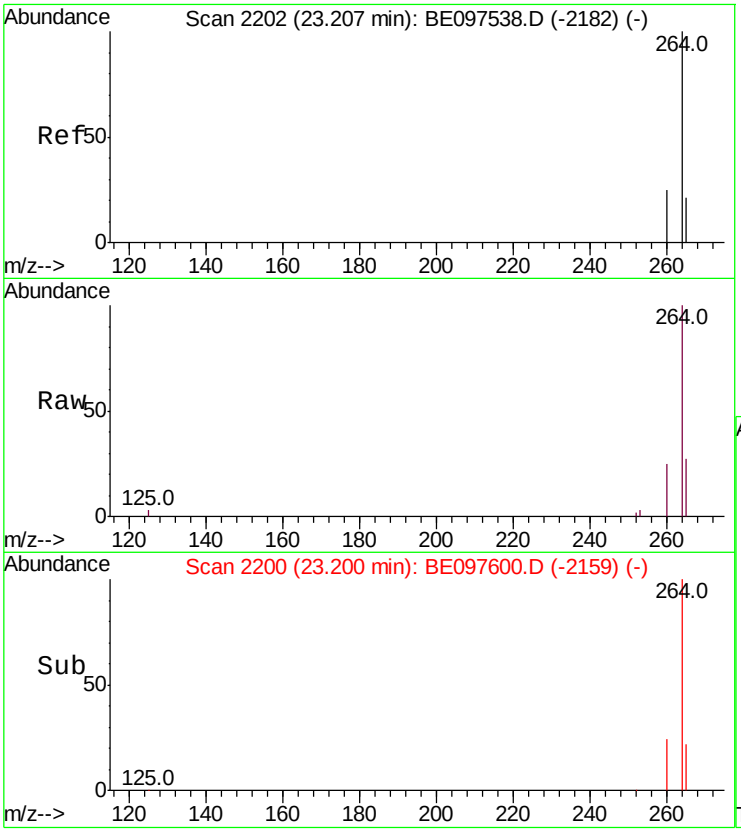


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 25.51 min Scan# 2843
Delta R.T. 0.01 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion:276 Resp: 681

Ion	Ratio	Lower	Upper
276	100		
138	20.7	22.5	33.7#
277	24.4	19.9	29.9



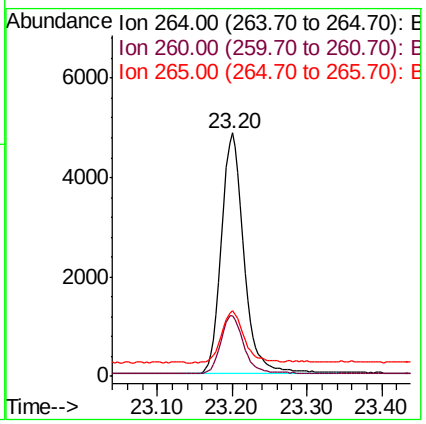


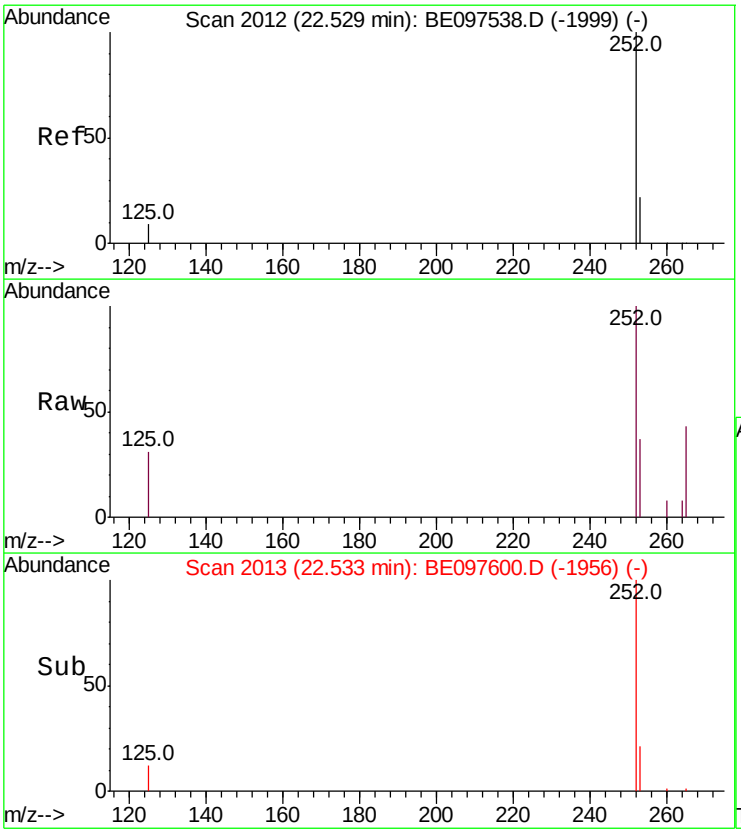
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 10104

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	27.1	22.8	34.2

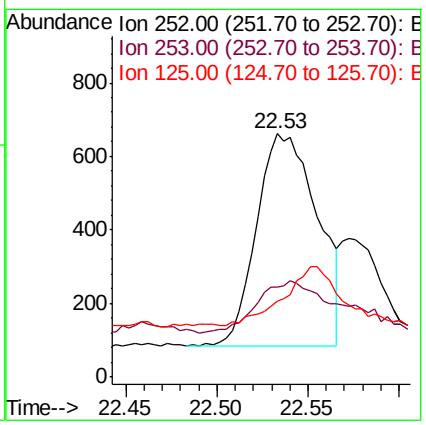


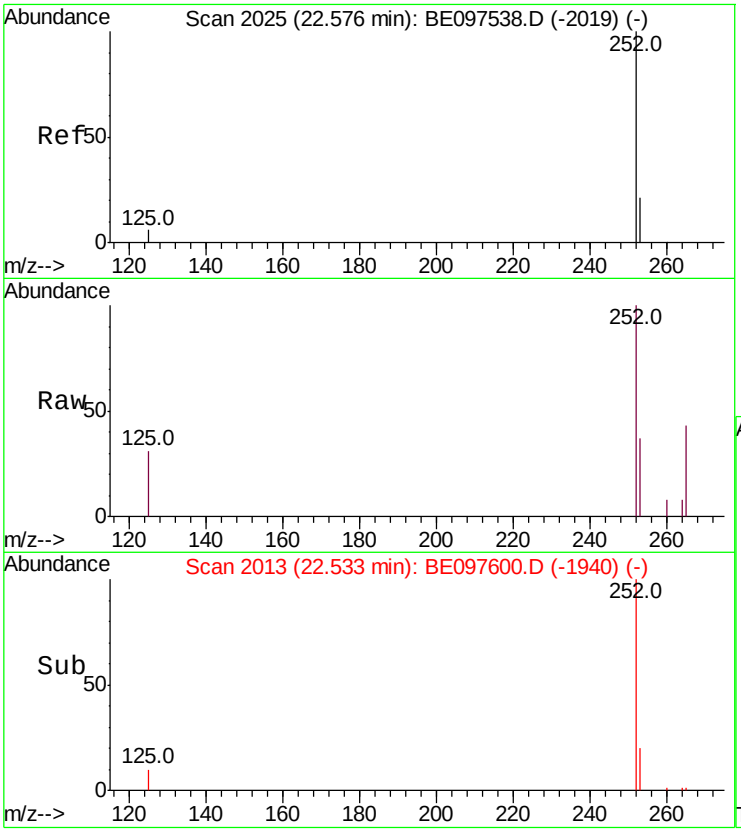


#35
Benzo(b)fluoranthene
Concen: 0.052 ng
RT: 22.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion:252 Resp: 1354

Ion	Ratio	Lower	Upper
252	100		
253	36.7	20.0	30.0#
125	31.1	16.0	24.0#



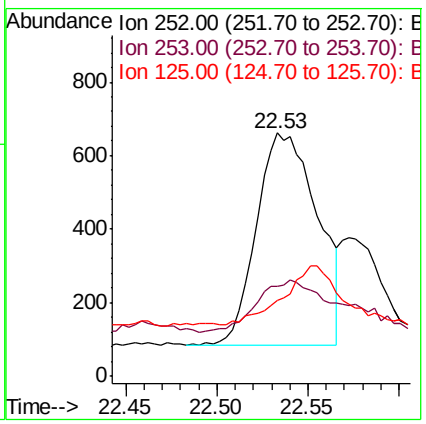


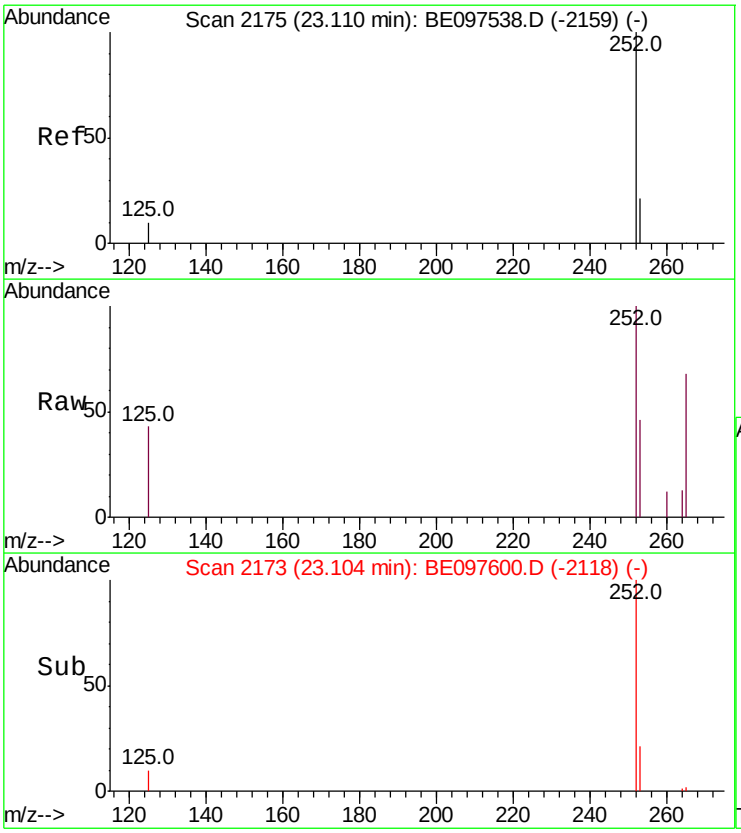
#36
Benzo(k)fluoranthene
Concen: 0.046 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.04 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1354

Ion	Ratio	Lower	Upper
252	100		
253	36.7	16.0	24.0#
125	31.1	8.0	12.0#

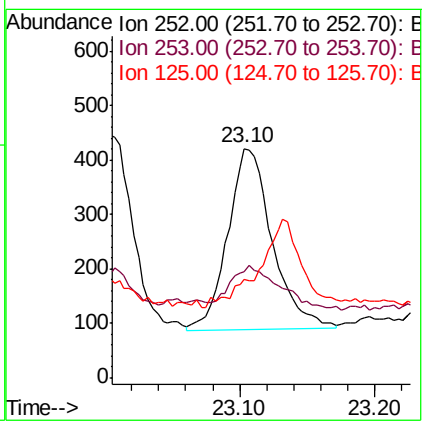


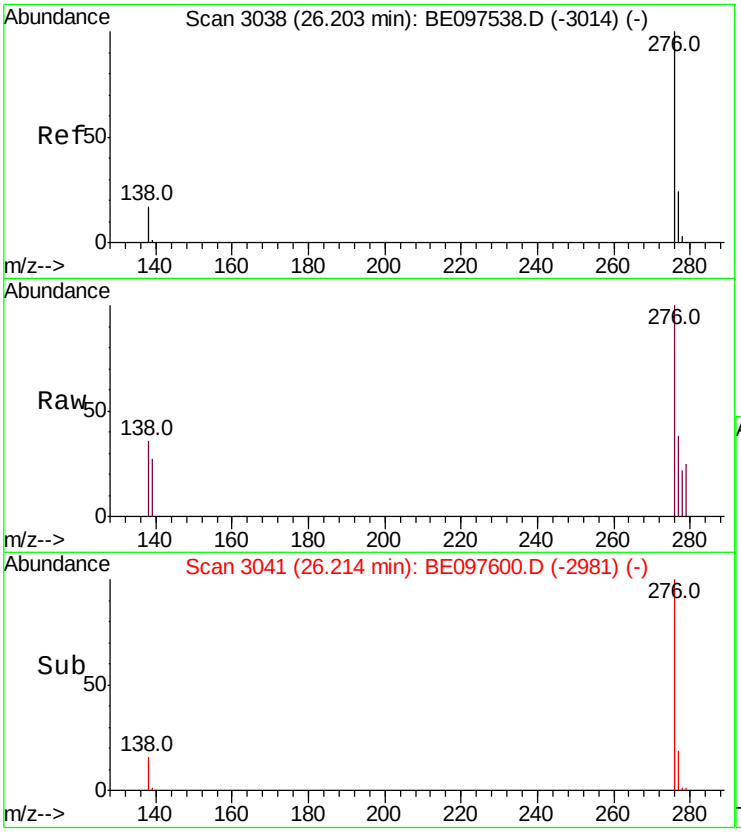


#37
Benzo(a)pyrene
Concen: 0.049 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Tgt Ion:252 Resp: 760

Ion	Ratio	Lower	Upper
252	100		
253	46.4	16.0	24.0#
125	42.6	12.0	18.0#





#39
Benzo(g,h,i)perylene
Concen: 0.028 ng
RT: 26.21 min Scan# 3041
Delta R.T. 0.02 min
Lab File: BE097600.D
Acq: 21 Sep 2018 8:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 727

Ion	Ratio	Lower	Upper
276	100		
277	37.9	16.0	24.0#
138	36.4	20.0	30.0#