Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
Data File : BE095936.D
Acq On : 2 Apr 2018 20:17
Operator : SJ/JU
Sample : PB107891BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 03 03:52:49 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1375	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	5098	0.40	ng		0.00
13) Acenaphthene-d10	14.99	164	2633	0.40	ng		-0.01
19) Phenanthrene-d10	17.70	188	5710	0.40	ng		-0.01
27) Chrysene-d12	21.79	240	6687	0.40	ng		-0.01
34) Perylene-d12	24.42	264	6783	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.91	112	1337	0.29	ng		0.00
5) Phenol-d6	7.56	99	1843	0.30	ng		0.00
8) Nitrobenzene-d5	9.52	82	162	0.03	ng		-0.08
11) 2-Methylnaphthalene-d10	12.79	152	2285	0.27	ng		0.00
14) 2,4,6-Tribromophenol	16.46	330	378	0.25	ng		-0.01
15) 2-Fluorobiphenyl	13.63	172	4219	0.38	ng		-0.01
25) Fluoranthene-d10	19.68	212	22518	0.27	ng		0.00
29) Terphenyl-d14	20.24	244	5293	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	560	0.249	ng	#	50
3) n-Nitrosodimethylamine	3.98	42	856	0.259	ng		83
6) bis(2-Chloroethyl)ether	7.81	93	1460	0.272	ng		97
9) Naphthalene	11.30	128	17108	0.294	ng		100
10) Hexachlorobutadiene	11.56	225	1116	0.279	ng		97
12) 2-Methylnaphthalene	12.86	142	2859	0.288	ng		98
16) Acenaphthylene	14.71	152	4246	0.282	ng		99
17) Acenaphthene	15.05	154	2506	0.273	ng		95
18) Fluorene	16.02	166	3225	0.267	ng	#	79
20) 4-Bromophenyl-phenylether	16.89	248	1008	0.294	ng	#	84
21) Hexachlorobenzene	17.02	284	1008	0.294	ng	#	81
22) Pentachlorophenol	17.36	266	567	0.569	ng	#	74
23) Phenanthrene	17.74	178	4967	0.291	ng		97
24) Anthracene	17.82	178	5022	0.294	ng		96
26) Fluoranthene	19.71	202	6749	0.284	ng	#	97
28) Pyrene	20.06	202	7890	0.290	ng		99
30) Benzo(a)anthracene	21.78	228	6917	0.298	ng		96
31) Chrysene	21.83	228	6665	0.315	ng		96
32) Bis(2-ethylhexyl)phthalate	21.64	149	17759	0.250	ng		99
33) Indeno(1,2,3-cd)pyrene	27.22	276	7390	0.324	ng		95
35) Benzo(b)fluoranthene	23.60	252	6762	0.301	ng	#	93
36) Benzo(k)fluoranthene	23.65	252	6608	0.294	ng	#	88
37) Benzo(a)pyrene	24.30	252	6497	0.309	ng	#	94
38) Dibenzo(a,h)anthracene	27.24	278	6025	0.301	ng		94
39) Benzo(g,h,i)perylene	28.10	276	6263	0.312	ng	#	91

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

Quantitation Report (Not Reviewed)

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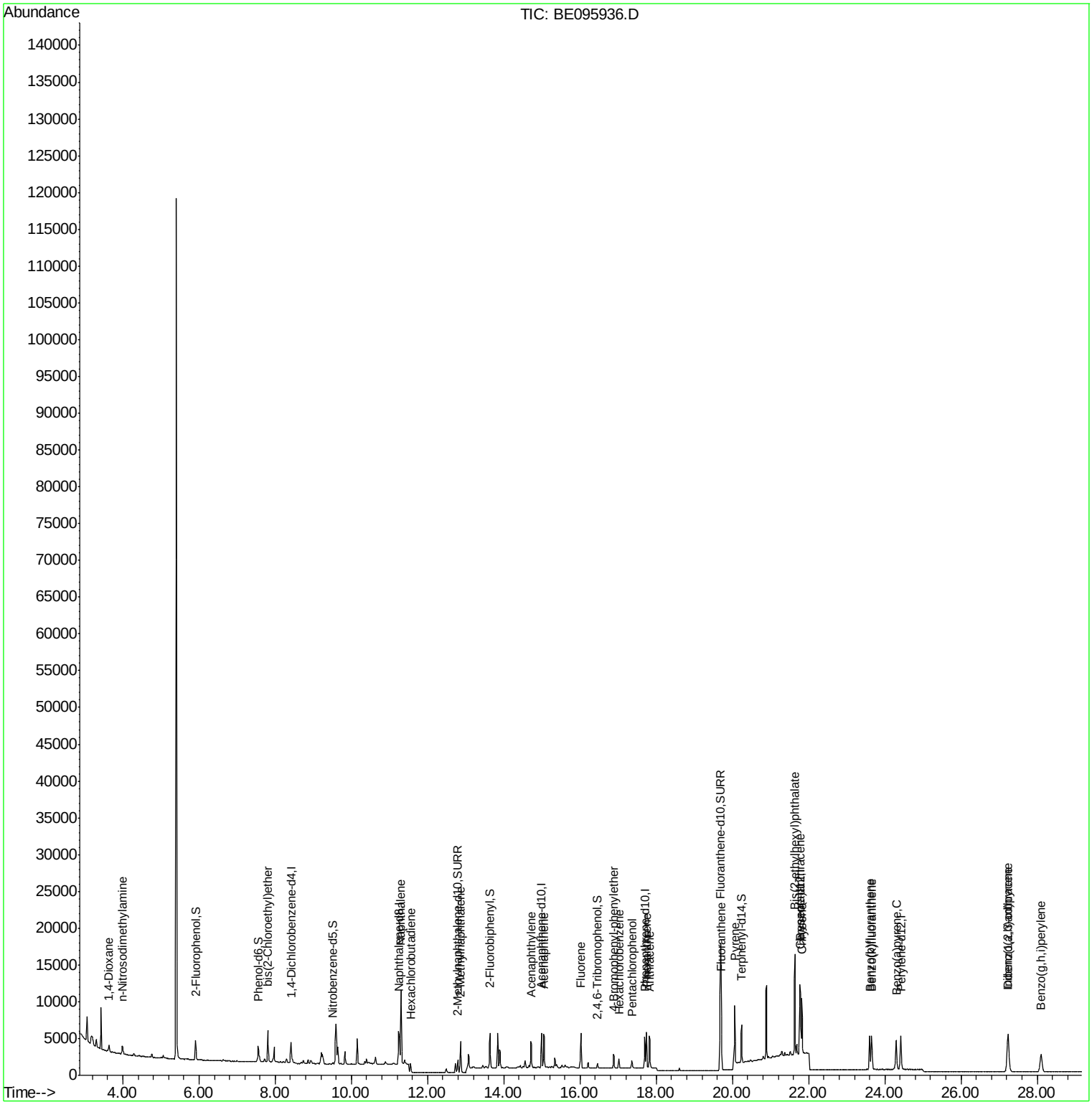
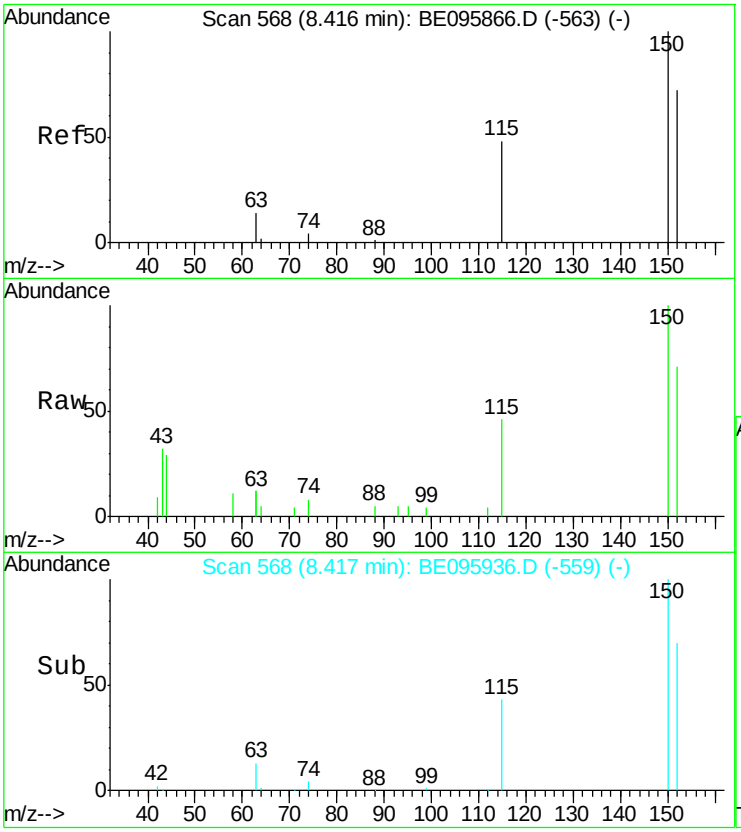
Data File : BE095936.D
Acq On : 2 Apr 2018 20:17
Operator : SJ/JU
Sample : PB107891BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 03 03:52:49 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration



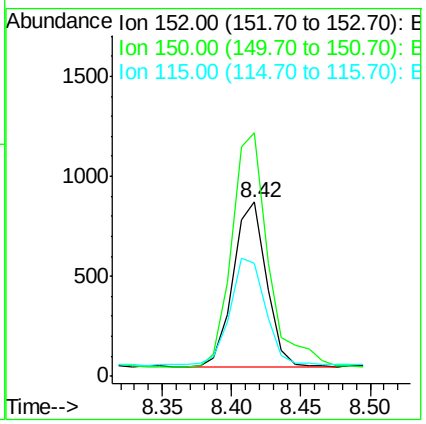


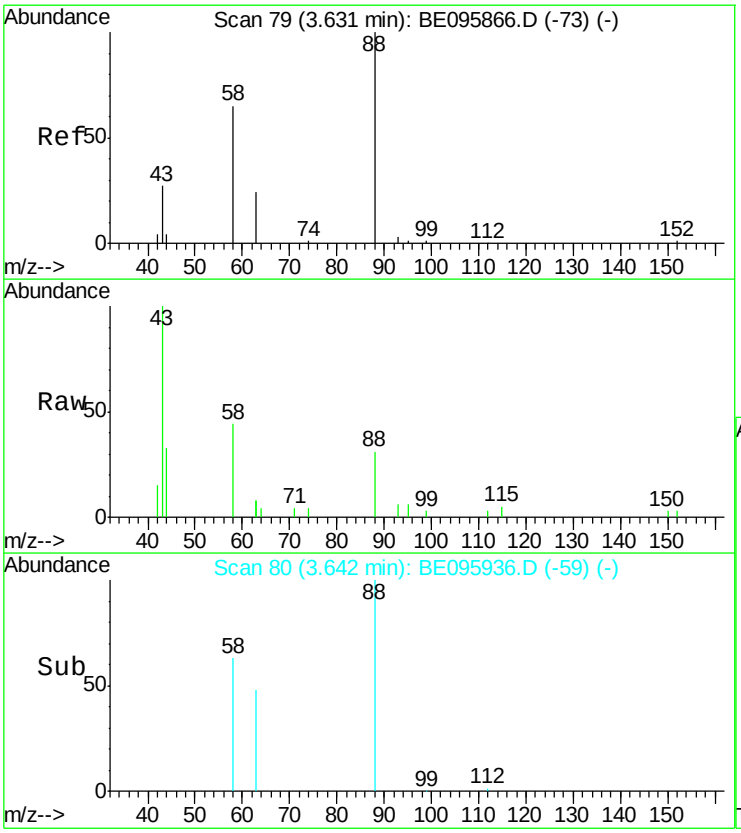
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1375

Ion	Ratio	Lower	Upper
152	100		
150	139.9	117.2	175.8
115	64.9	57.0	85.6

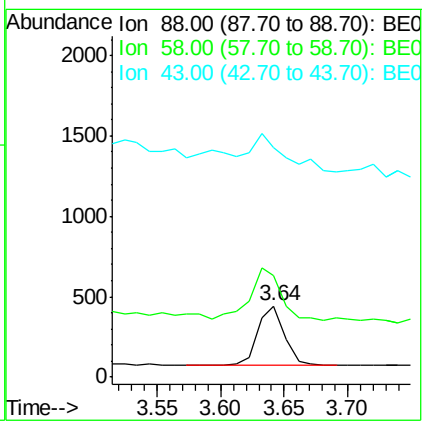


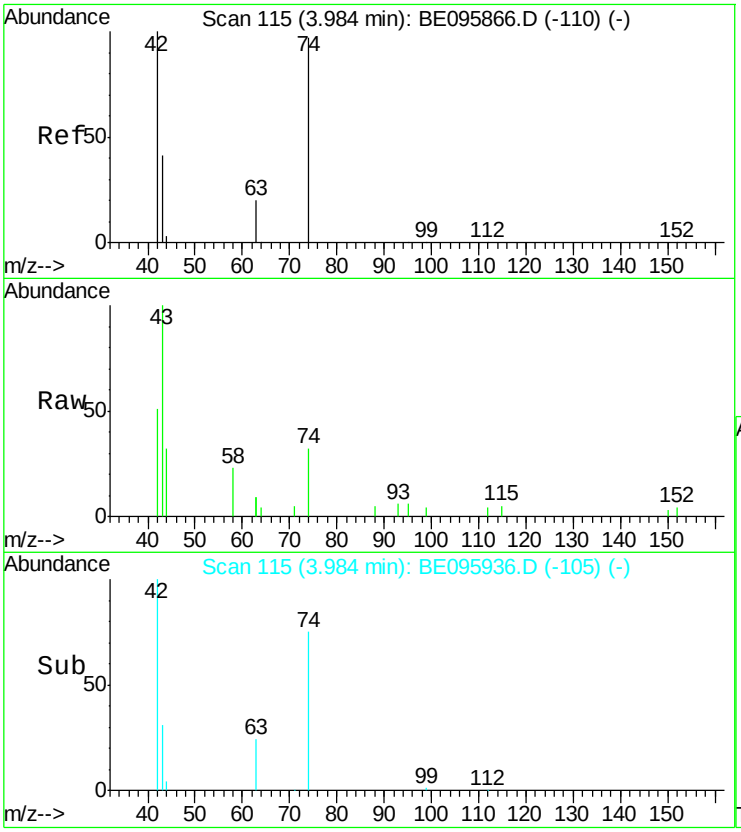


#2
1,4-Dioxane
Concen: 0.249 ng
RT: 3.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion: 88 Resp: 560

Ion	Ratio	Lower	Upper
88	100		
58	131.6	63.2	94.8#
43	76.1	41.2	61.8#



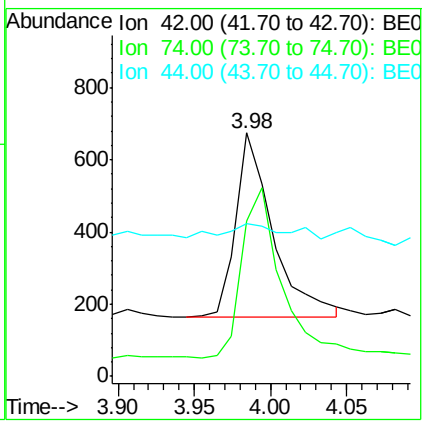


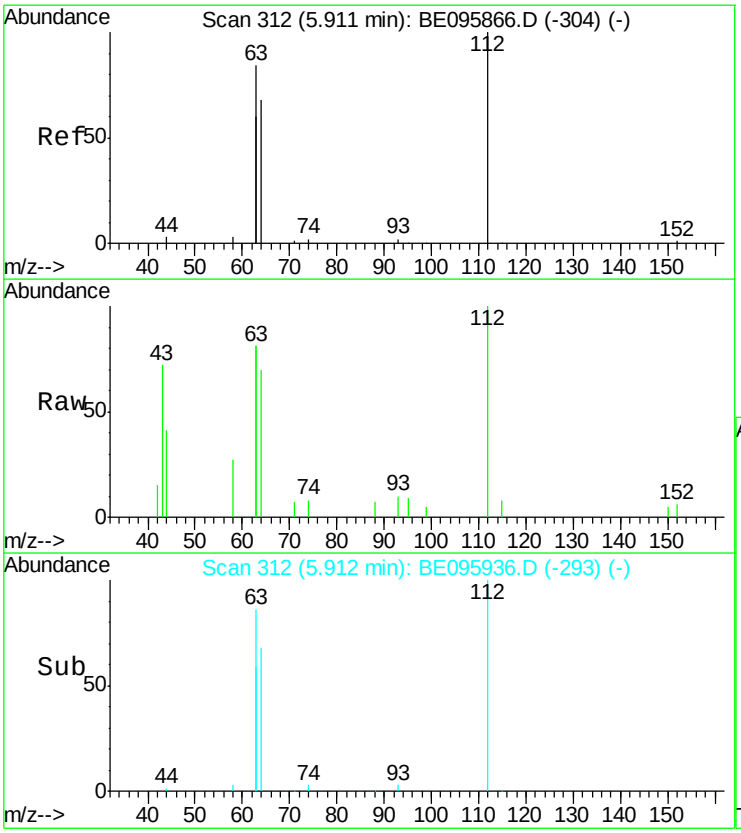
#3
n-Nitrosodimethylamine
Concen: 0.259 ng
RT: 3.98 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 856

Ion	Ratio	Lower	Upper
42	100		
74	99.3	96.0	144.0
44	13.8	12.0	18.0

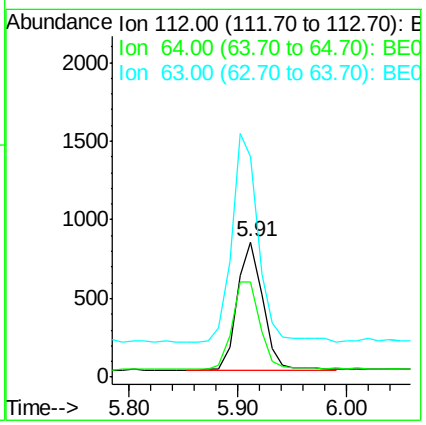


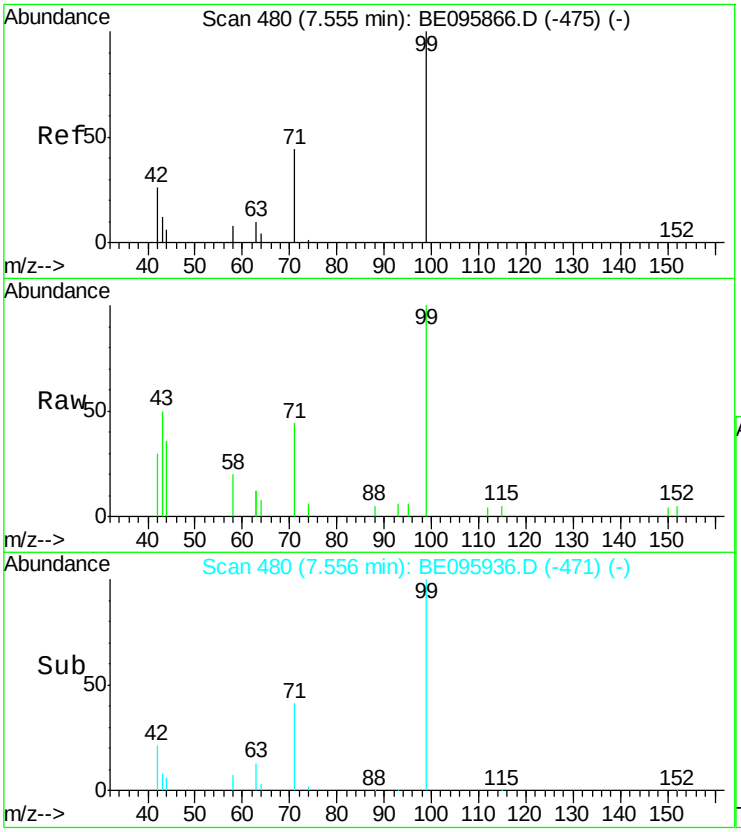


#4
2-Fluorophenol
Concen: 0.295 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:112 Resp: 1337

Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.1	90.1
63	167.4	116.8	175.2



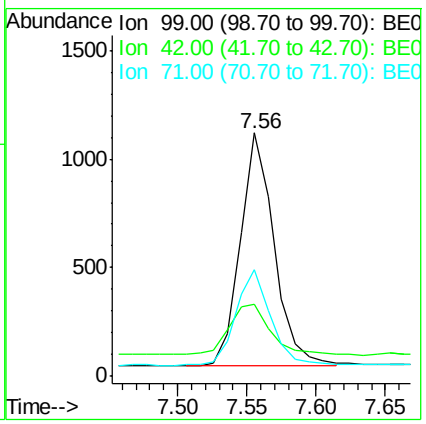


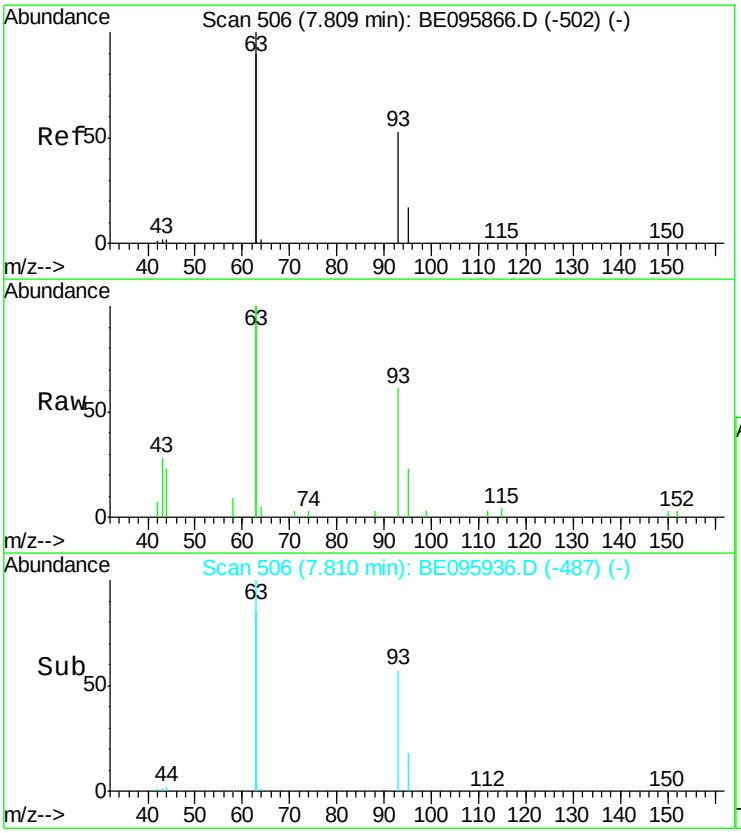
#5
Phenol-d6
Concen: 0.296 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1843

Ion	Ratio	Lower	Upper
99	100		
42	25.7	20.2	30.2
71	42.2	28.4	42.6

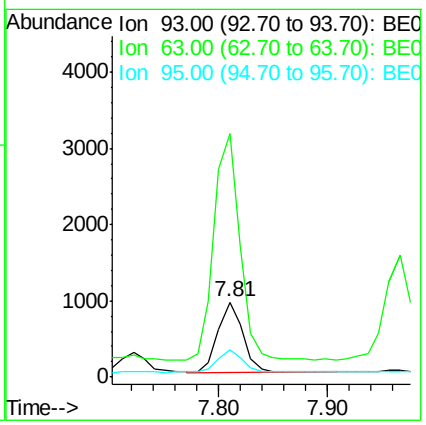


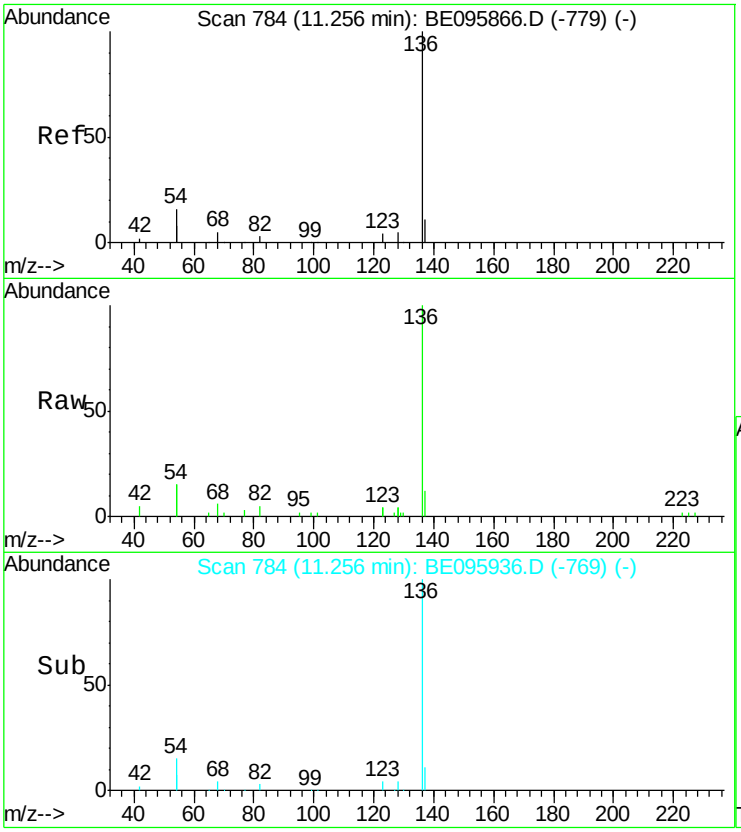


#6
bis(2-Chloroethyl)ether
Concen: 0.272 ng
RT: 7.81 min Scan# 506
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion: 93 Resp: 1460

Ion	Ratio	Lower	Upper
93	100		
63	337.4	275.3	412.9
95	32.7	25.2	37.8



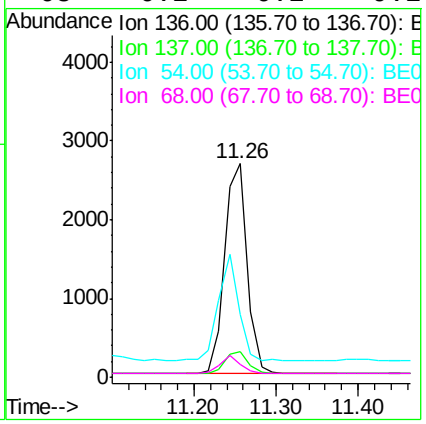


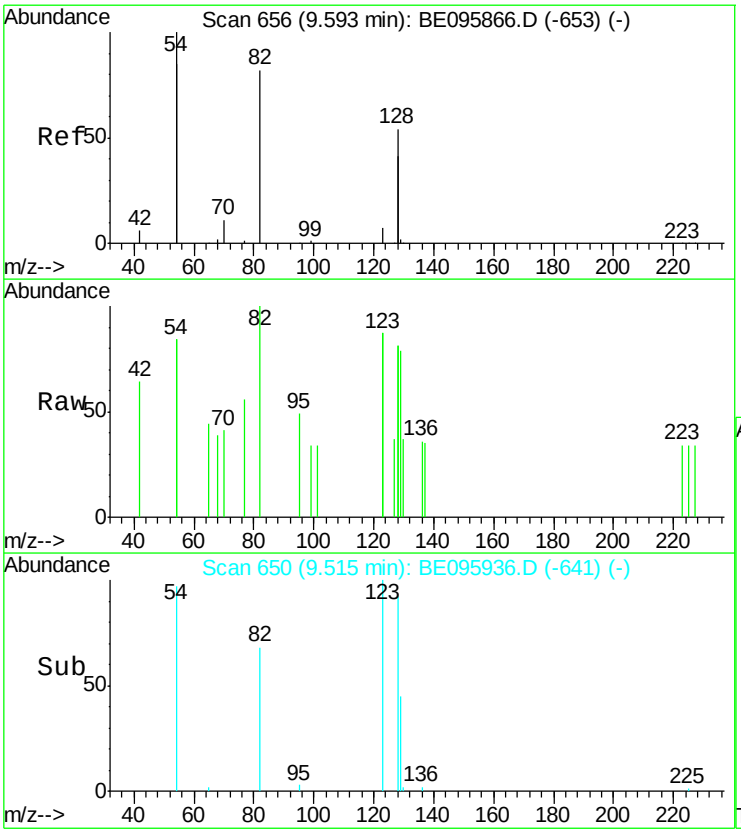
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. -0.00 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5098

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	29.4	29.1	43.7
68	6.2	6.2	9.2

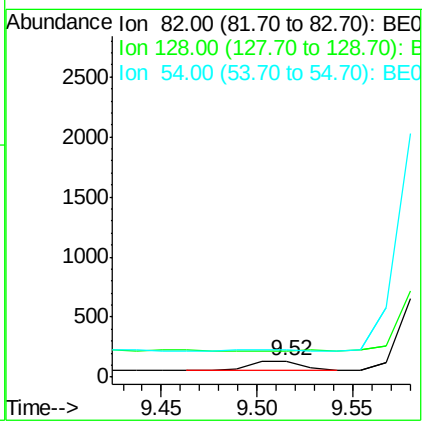


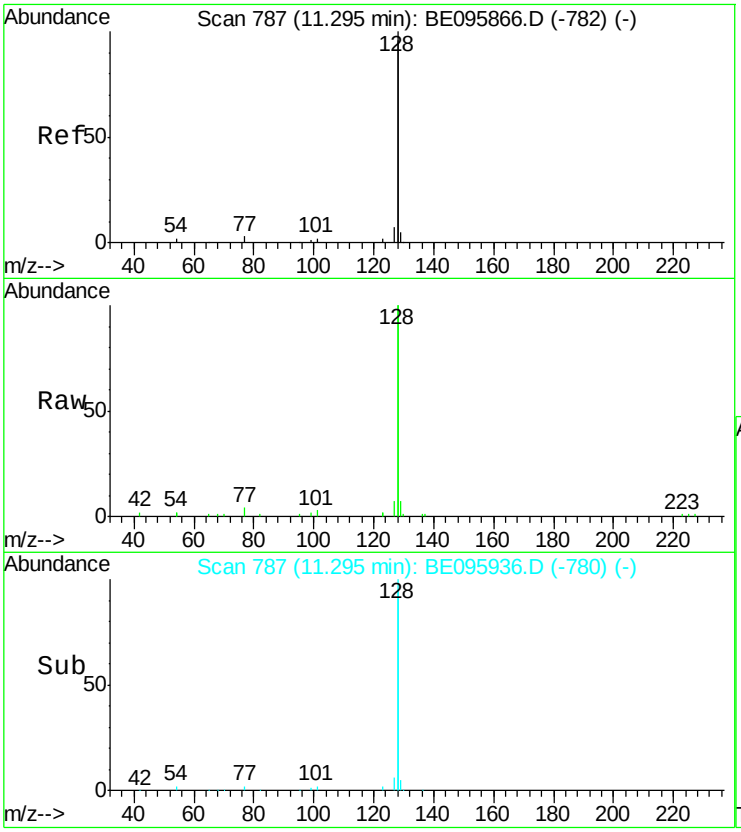


#8
Nitrobenzene-d5
Concen: 0.027 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.08 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion: 82 Resp: 162

Ion	Ratio	Lower	Upper
82	100		
128	161.2	150.0	225.0
54	168.7	154.2	231.4



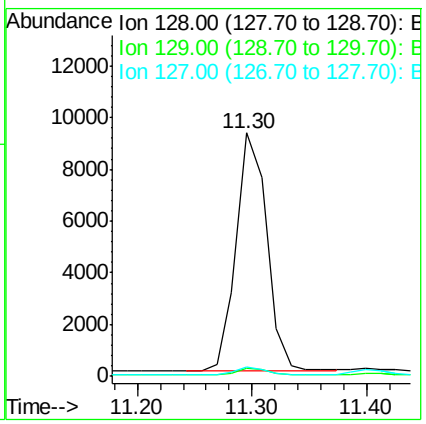


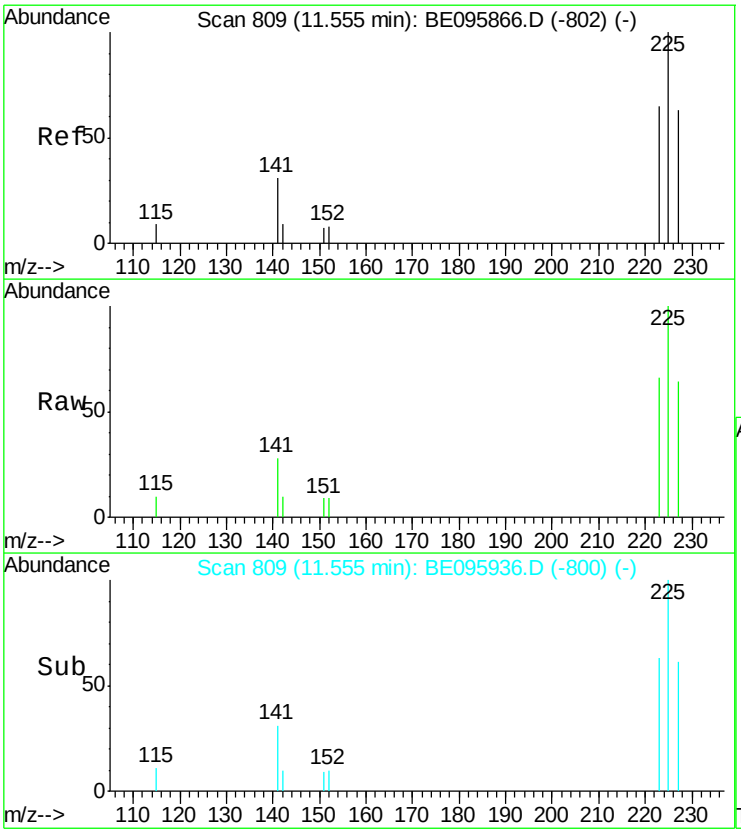
#9
Naphthalene
Concen: 0.294 ng
RT: 11.30 min Scan# 787
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 17108

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.7	2.8	4.2

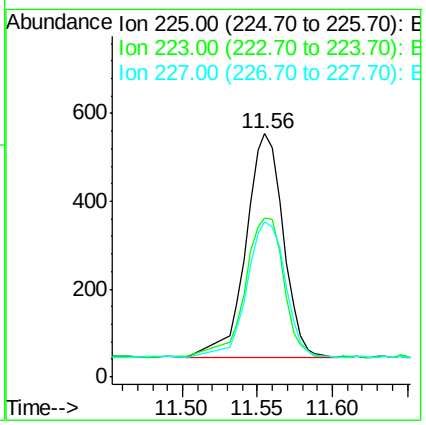


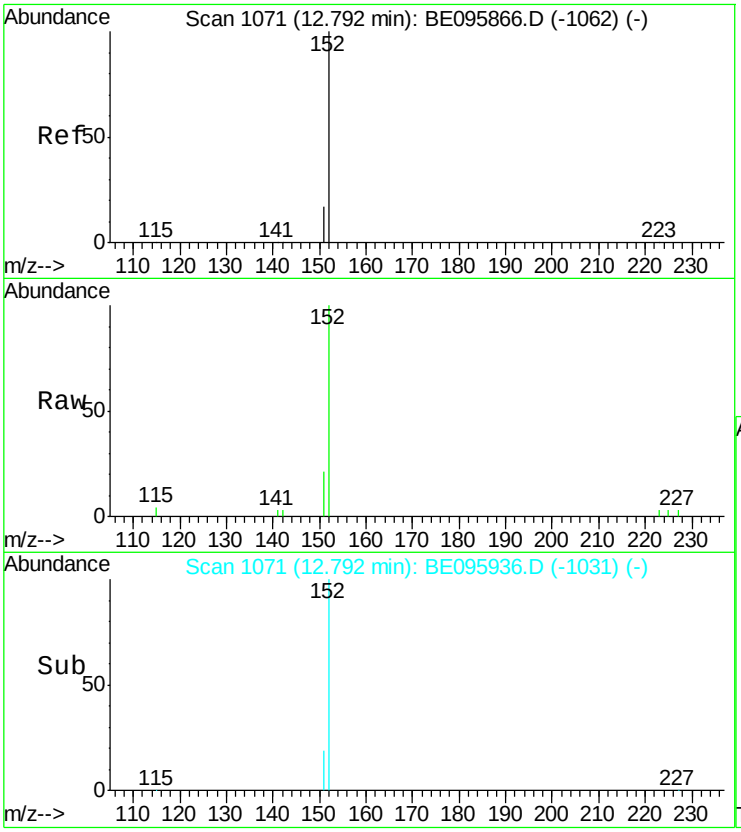


#10
Hexachlorobutadiene
Concen: 0.279 ng
RT: 11.56 min Scan# 809
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:225 Resp: 1116

Ion	Ratio	Lower	Upper
225	100		
223	64.3	53.0	79.6
227	61.6	51.4	77.2



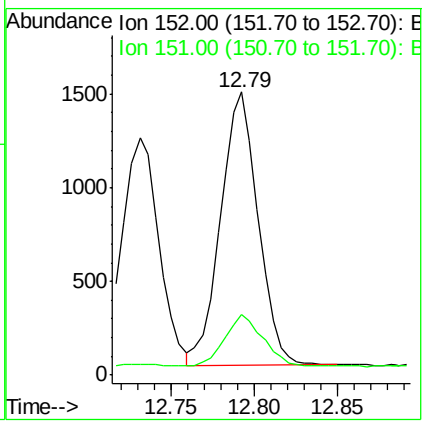


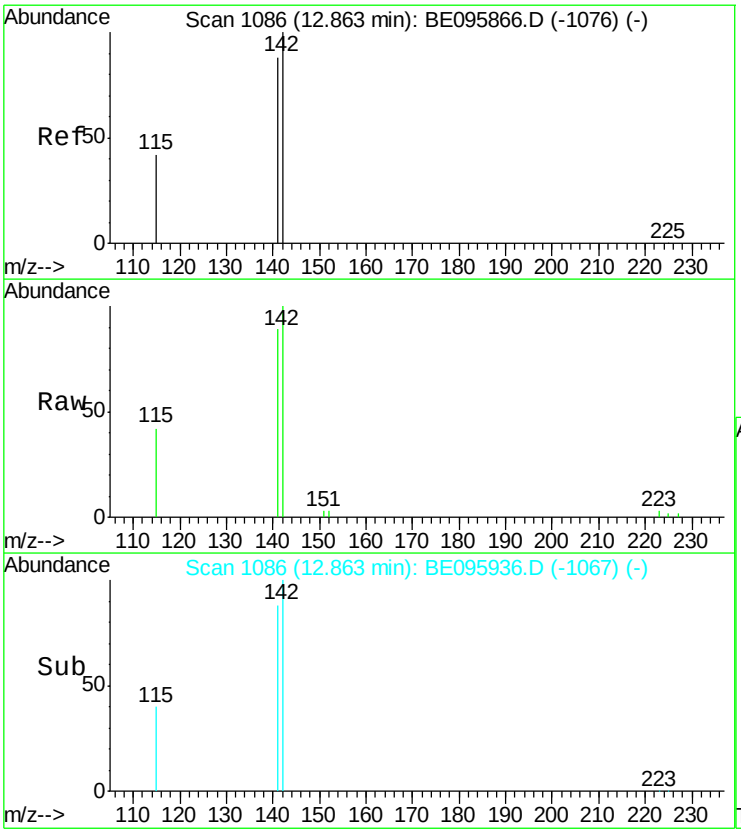
#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2285

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

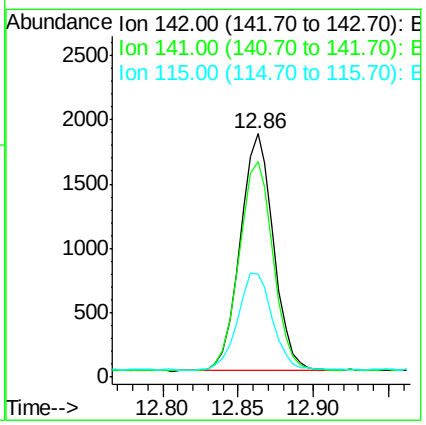


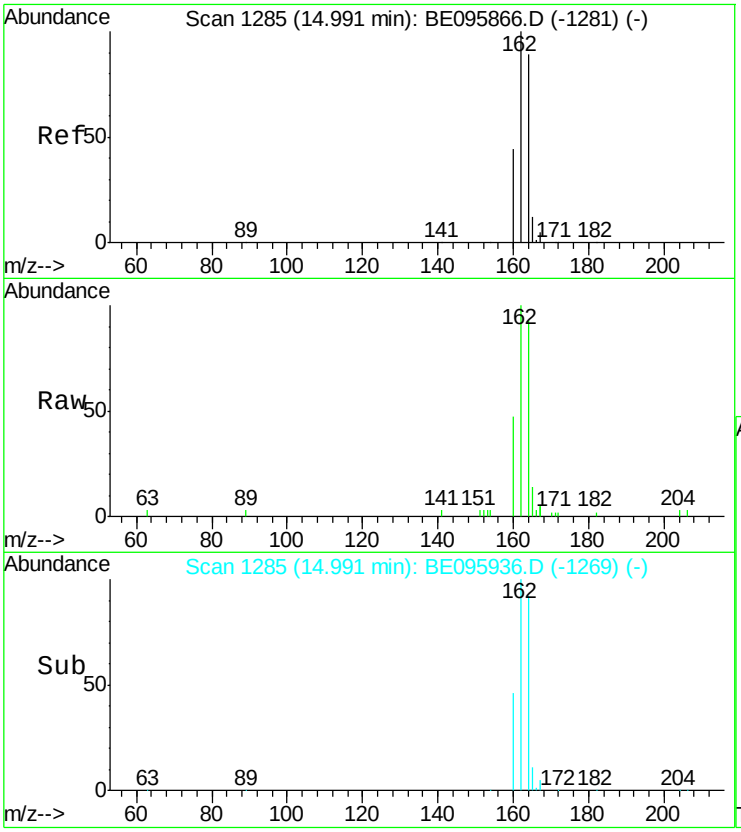


#12
2-Methylnaphthalene
Concen: 0.288 ng
RT: 12.86 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:142 Resp: 2859

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	42.4	31.7	47.5



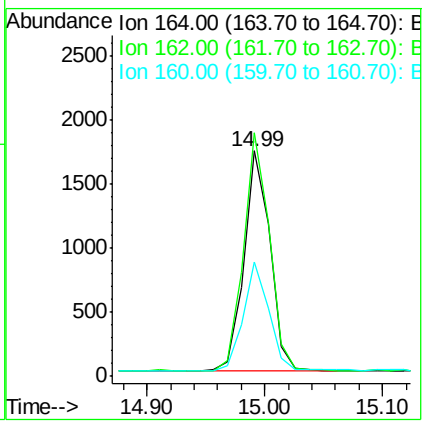


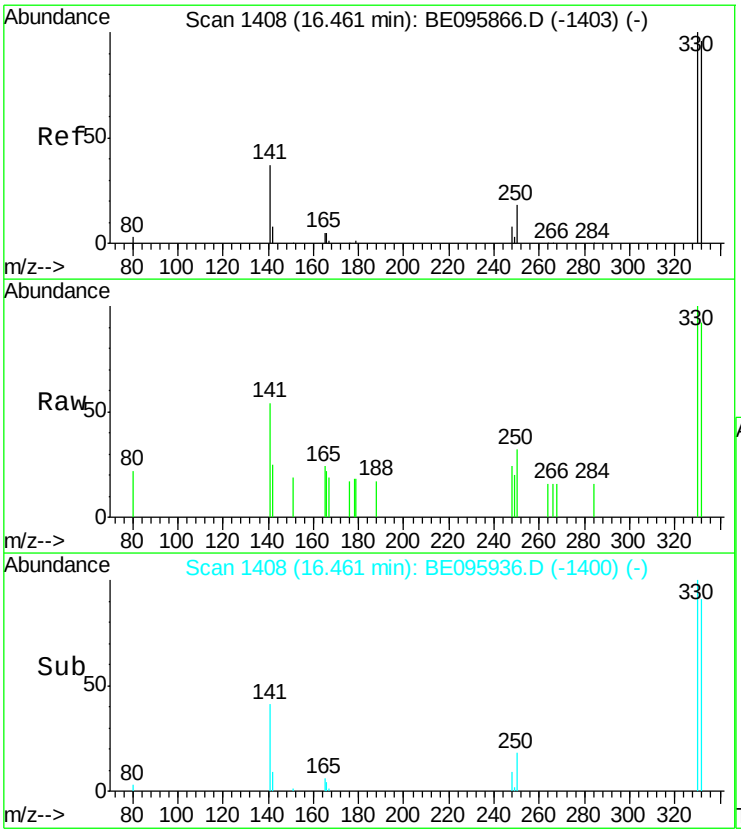
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2633

Ion	Ratio	Lower	Upper
164	100		
162	107.9	83.1	124.7
160	50.9	37.1	55.7

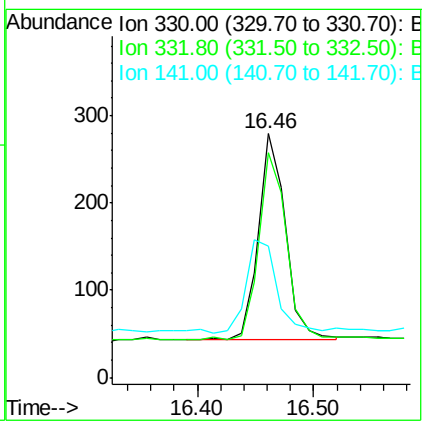


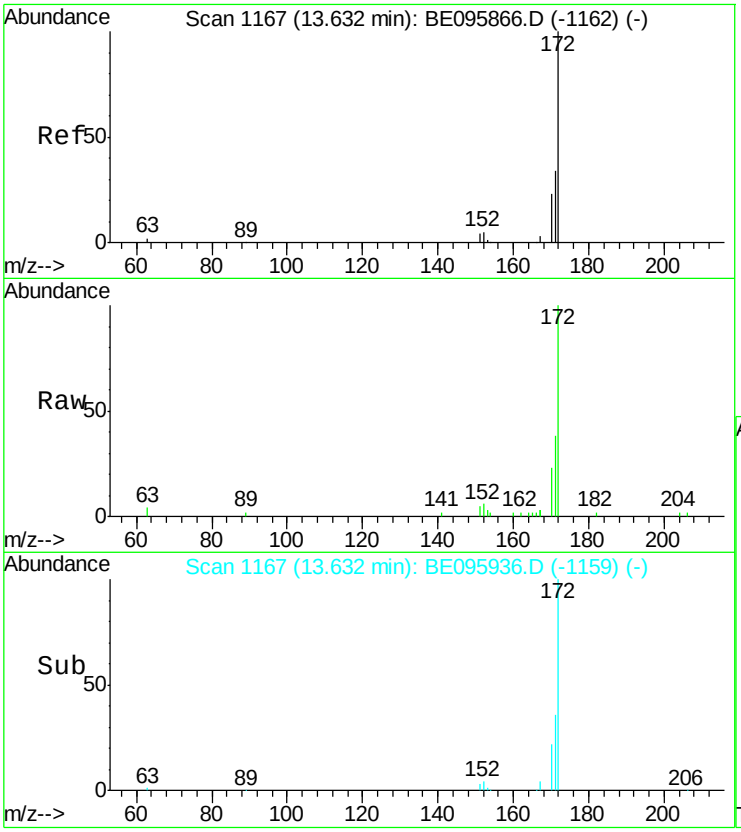


#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:330 Resp: 378

Ion	Ratio	Lower	Upper
330	100		
332	93.7	152.7	229.1#
141	51.9	33.7	50.5#



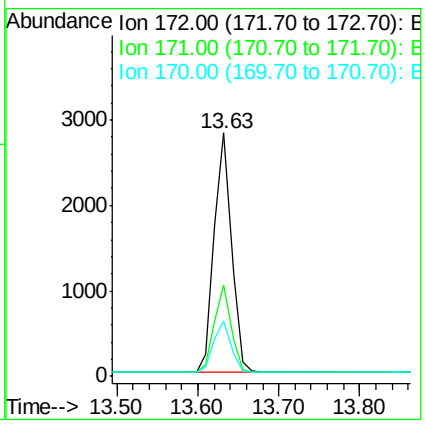


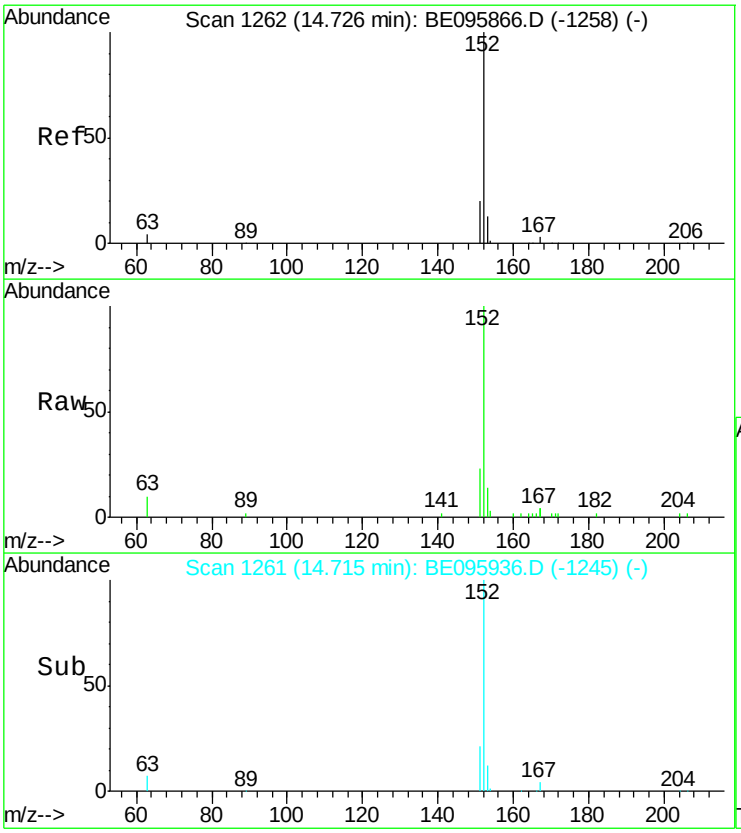
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4219

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.9	44.9
170	22.9	21.8	32.8

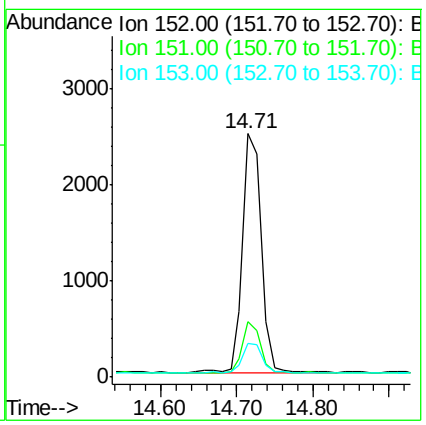


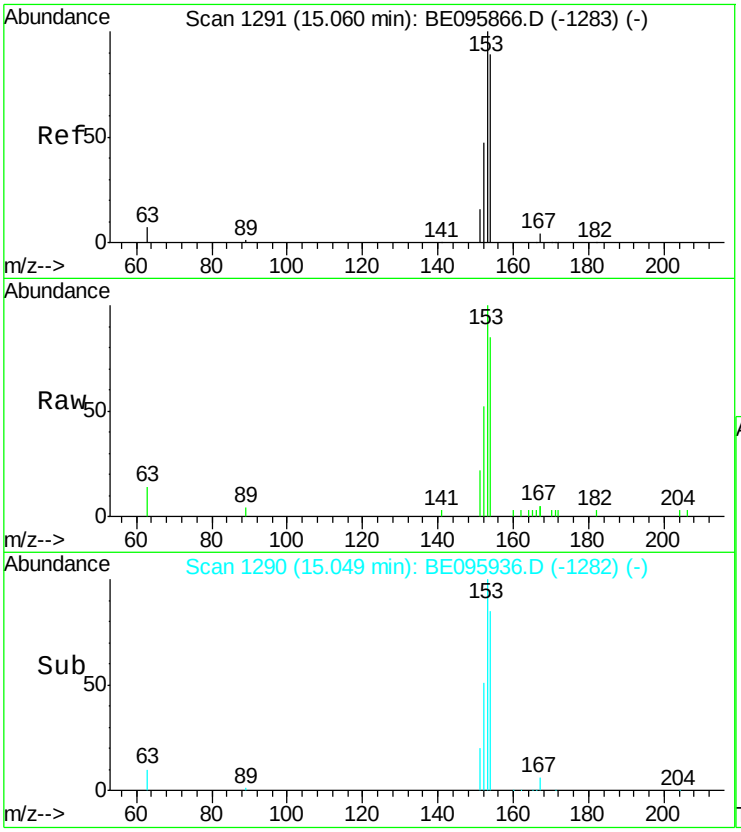


#16
Acenaphthylene
Concen: 0.282 ng
RT: 14.71 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:152 Resp: 4246

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	12.6	10.5	15.7



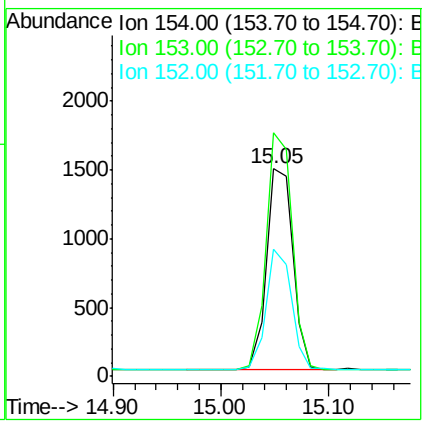


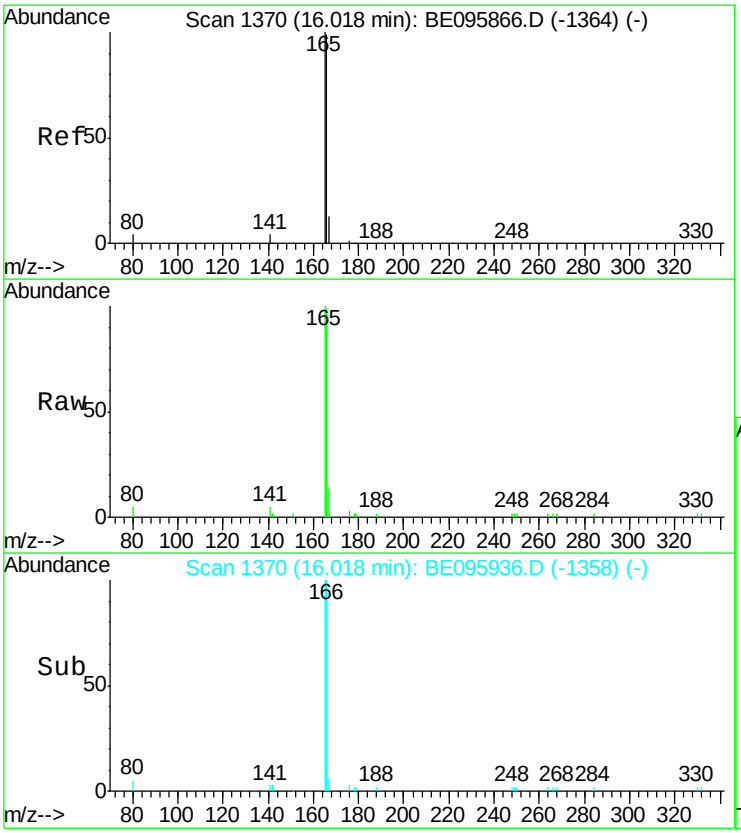
#17
Acenaphthene
Concen: 0.273 ng
RT: 15.05 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2506

Ion	Ratio	Lower	Upper
154	100		
153	115.9	89.2	133.8
152	56.9	42.0	63.0

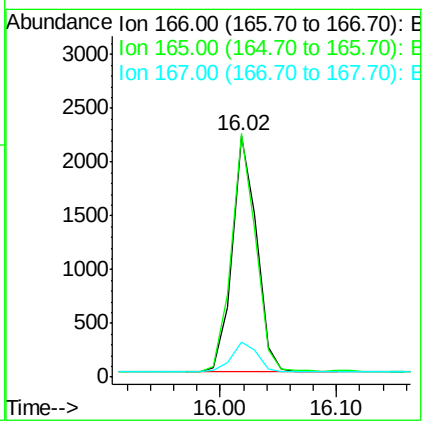


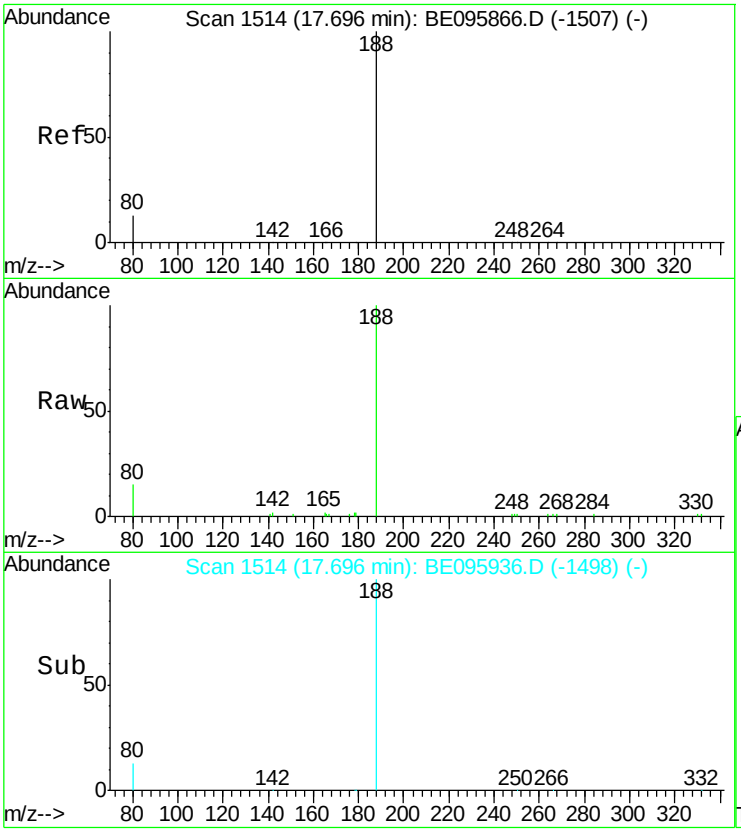


#18
Fluorene
Concen: 0.267 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:166 Resp: 3225

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	13.2	42.4	63.6#



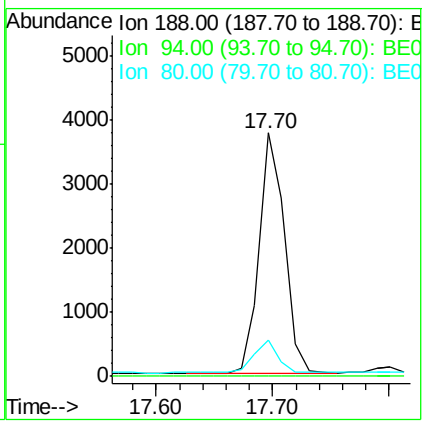


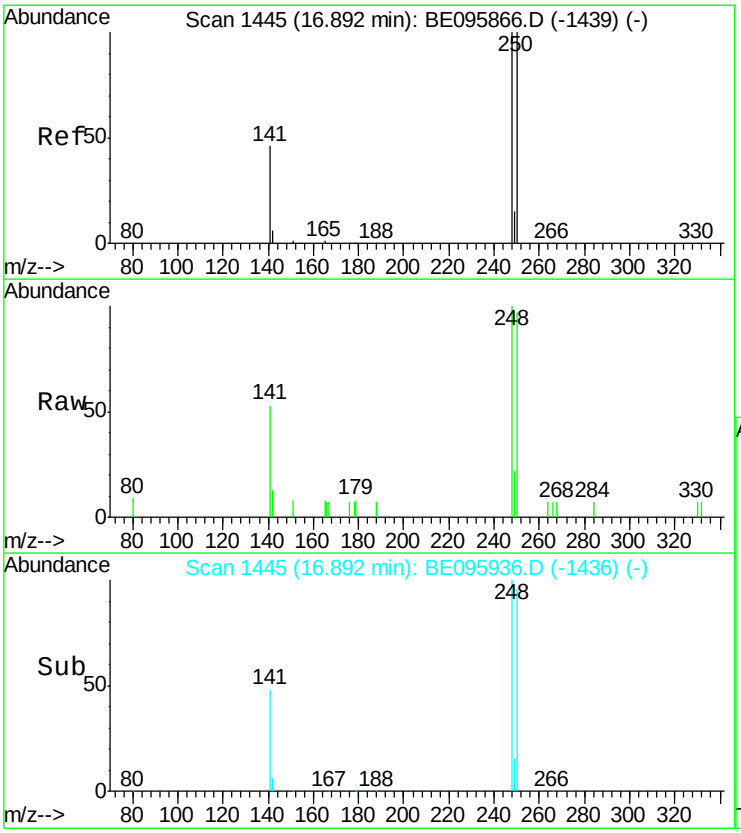
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5710

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.8	3.6	5.4#

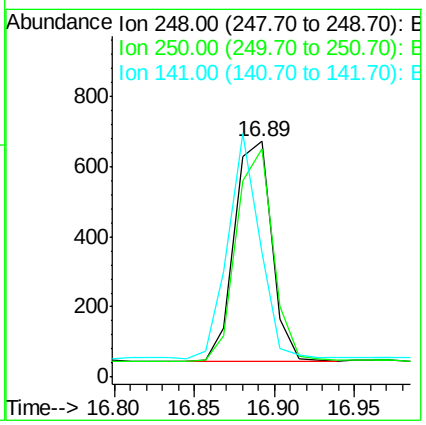


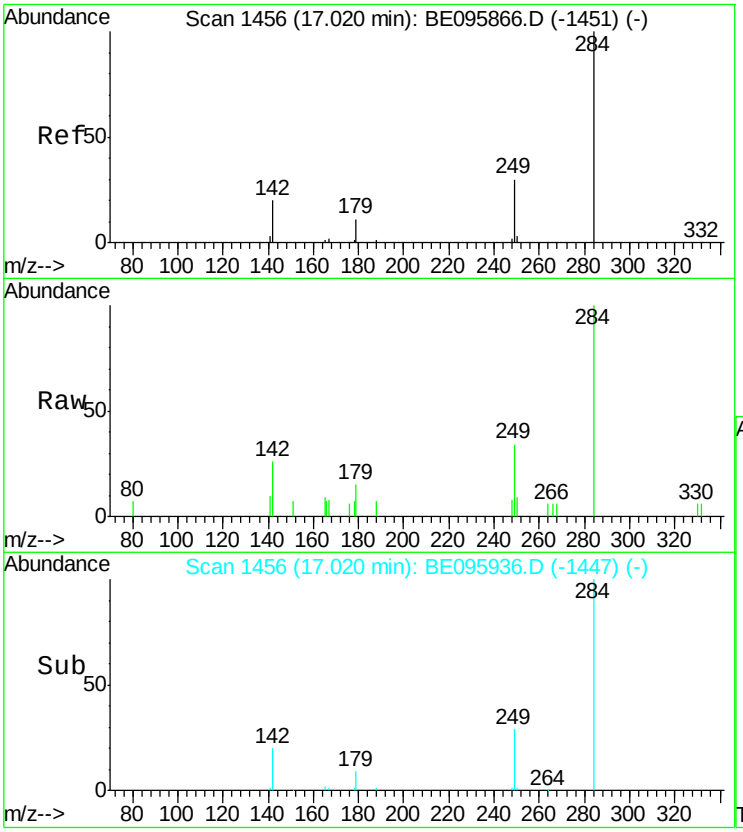


#20
4-Bromophenyl-phenylether
Concen: 0.294 ng
RT: 16.89 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:248 Resp: 1008

Ion	Ratio	Lower	Upper
248	100		
250	96.9	62.7	94.1#
141	52.7	48.2	72.2



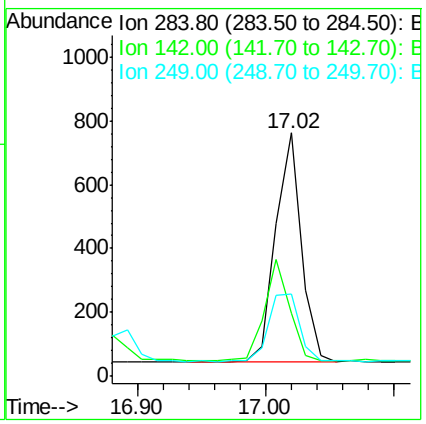


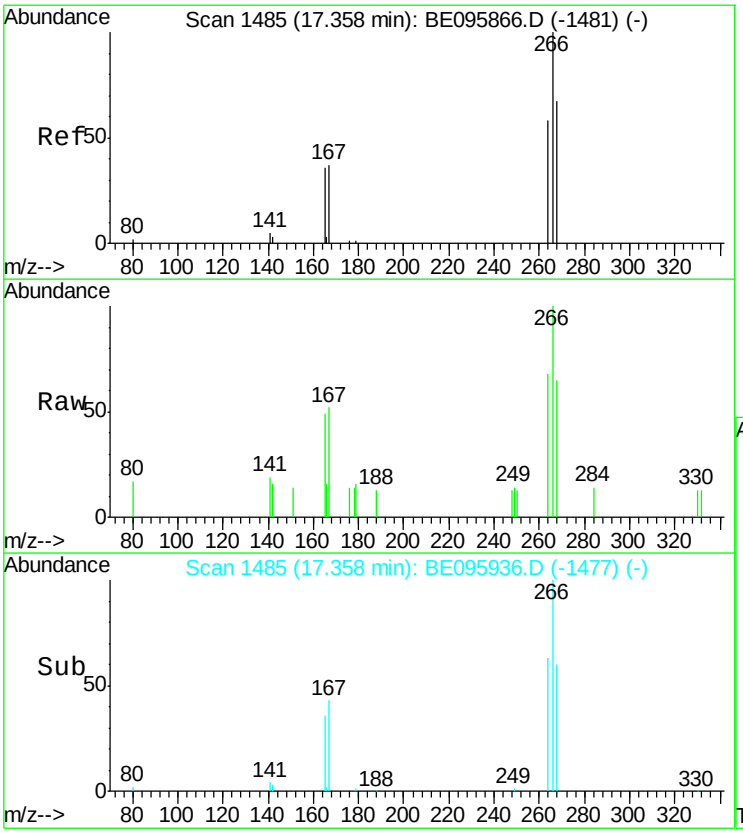
#21
Hexachlorobenzene
Concen: 0.294 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1008

Ion	Ratio	Lower	Upper
284	100		
142	43.3	22.1	33.1#
249	35.9	34.8	52.2

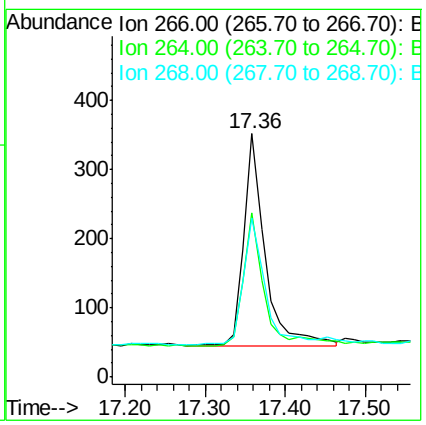


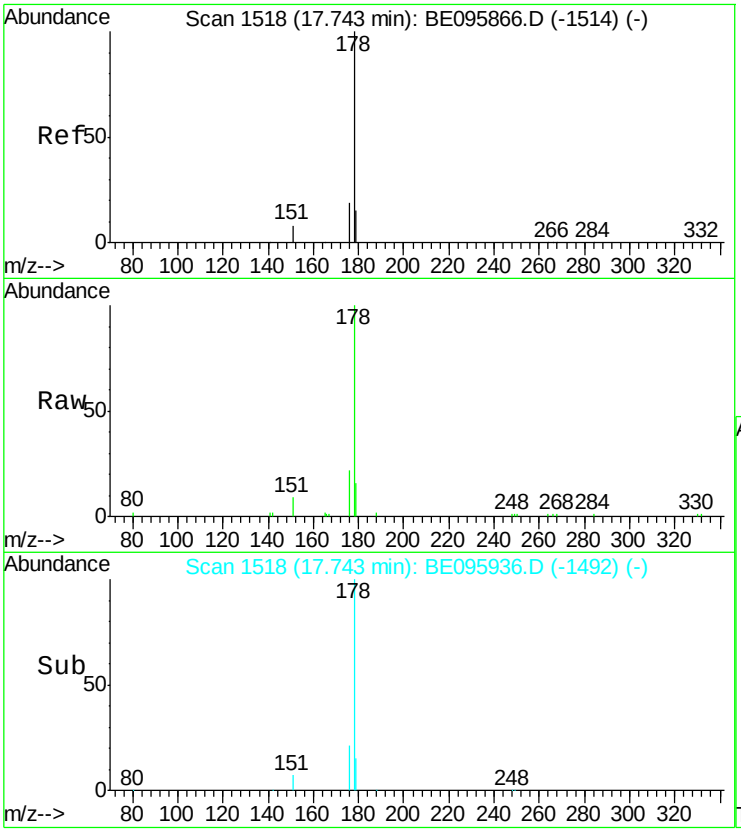


#22
Pentachlorophenol
Concen: 0.569 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:266 Resp: 567

Ion	Ratio	Lower	Upper
266	100		
264	67.6	72.5	108.7#
268	65.3	73.8	110.6#



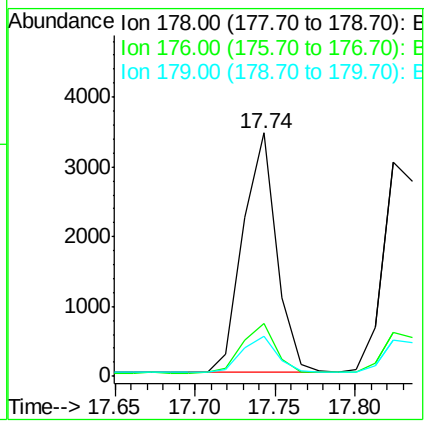


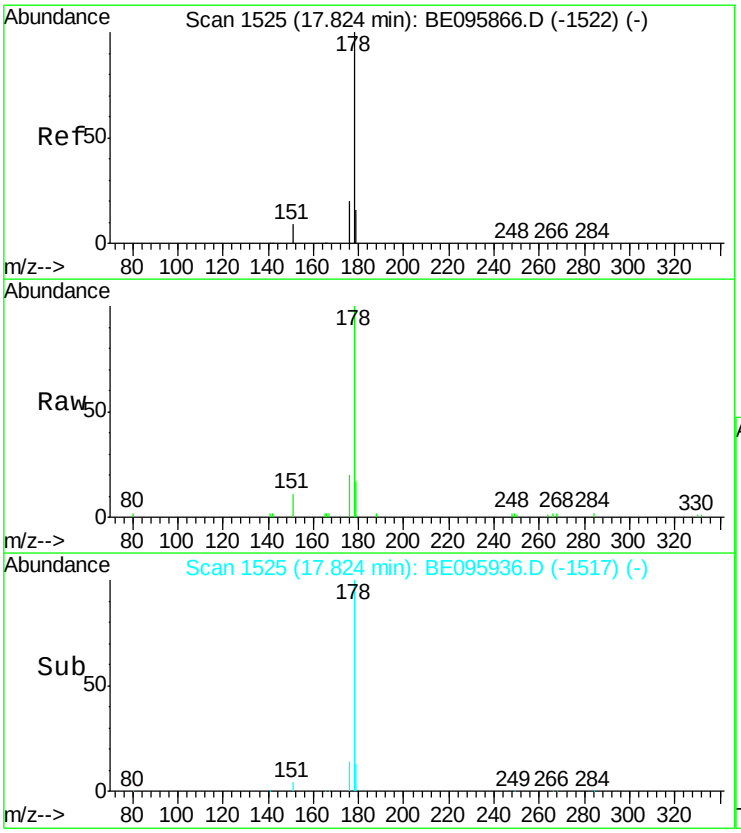
#23
Phenanthrene
Concen: 0.291 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4967

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.1	22.7
179	15.4	11.8	17.6

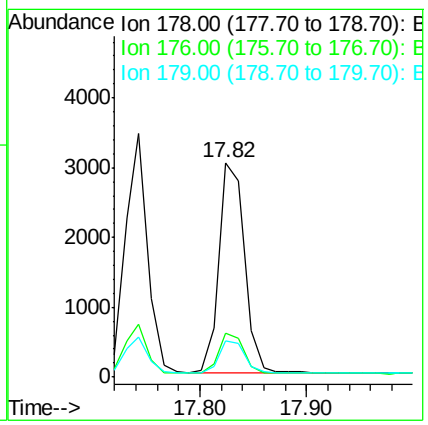


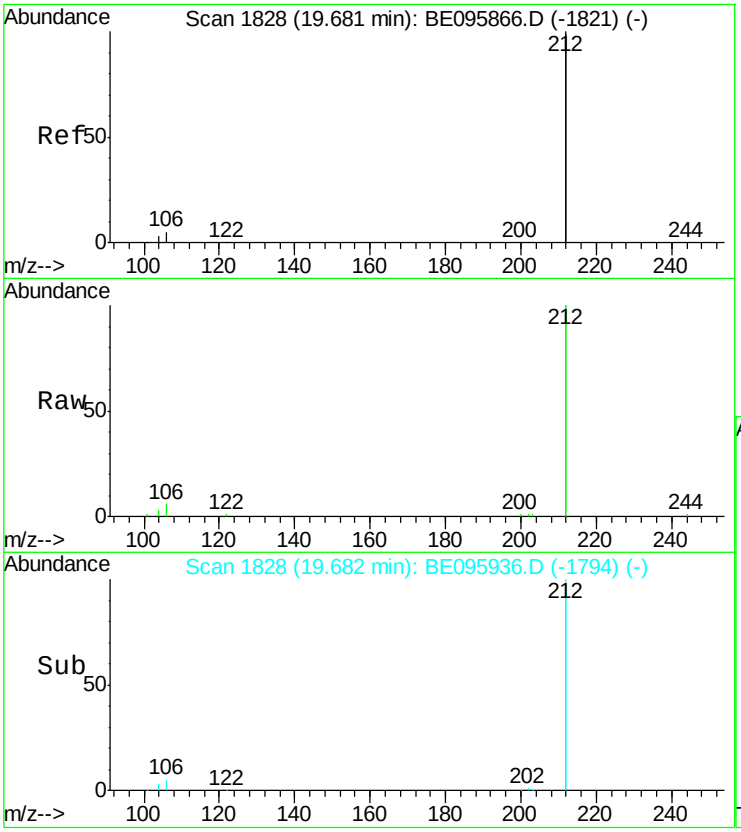


#24
Anthracene
Concen: 0.294 ng
RT: 17.82 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:178 Resp: 5022

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	15.3	13.0	19.6



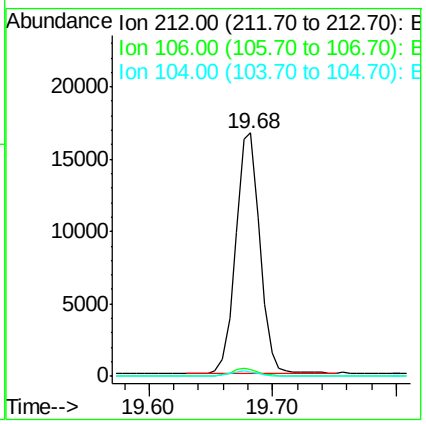


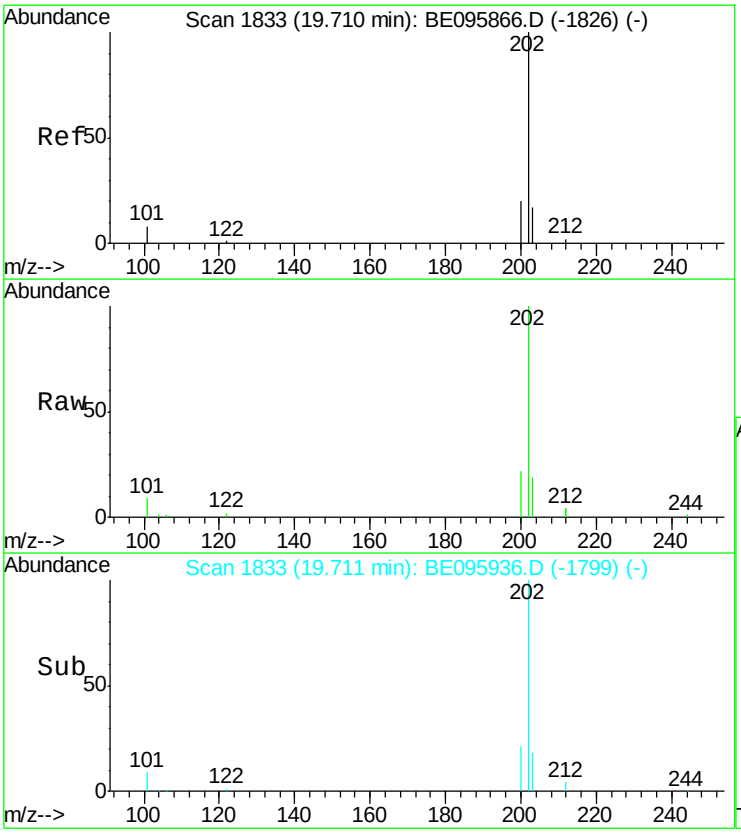
#25
Fluoranthene-d10
Concen: 0.266 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 22518

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.7	1.6	2.4

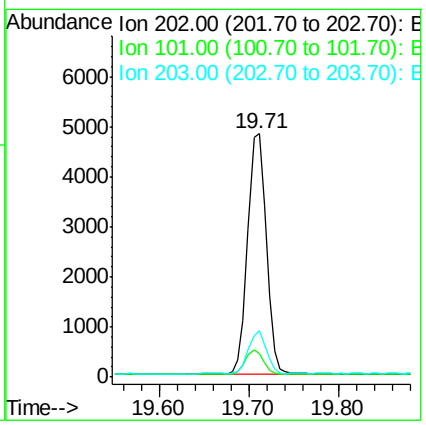


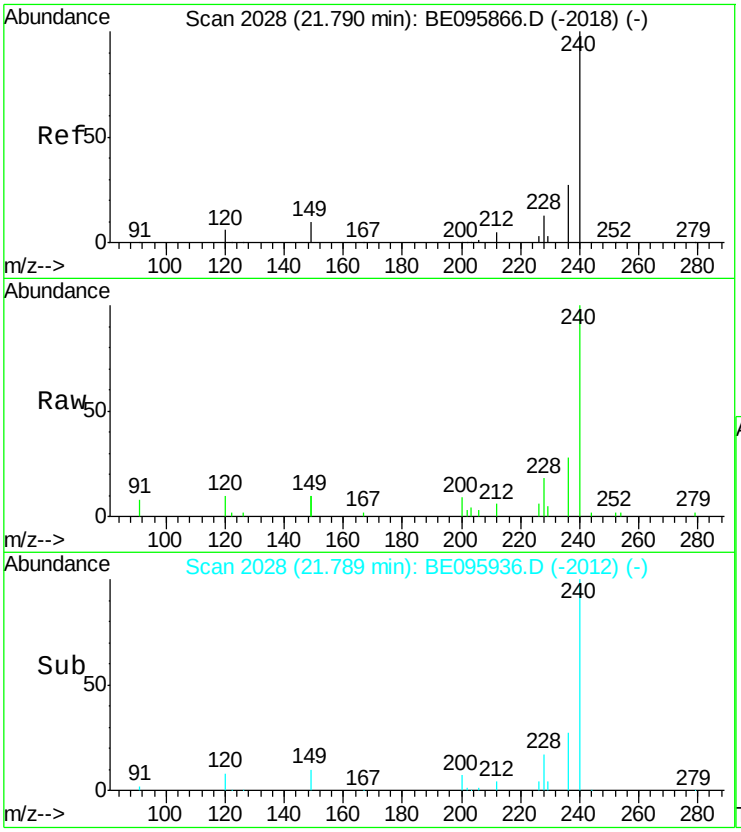


#26
Fluoranthene
Concen: 0.284 ng
RT: 19.71 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:202 Resp: 6749

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	16.6	13.7	20.5



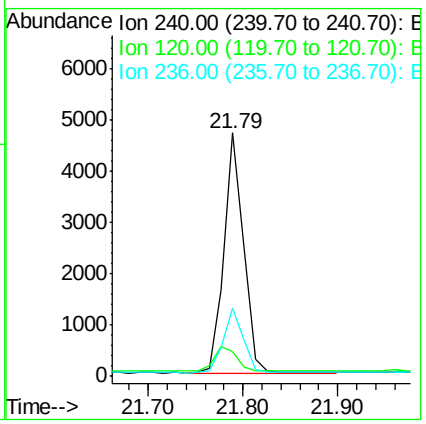


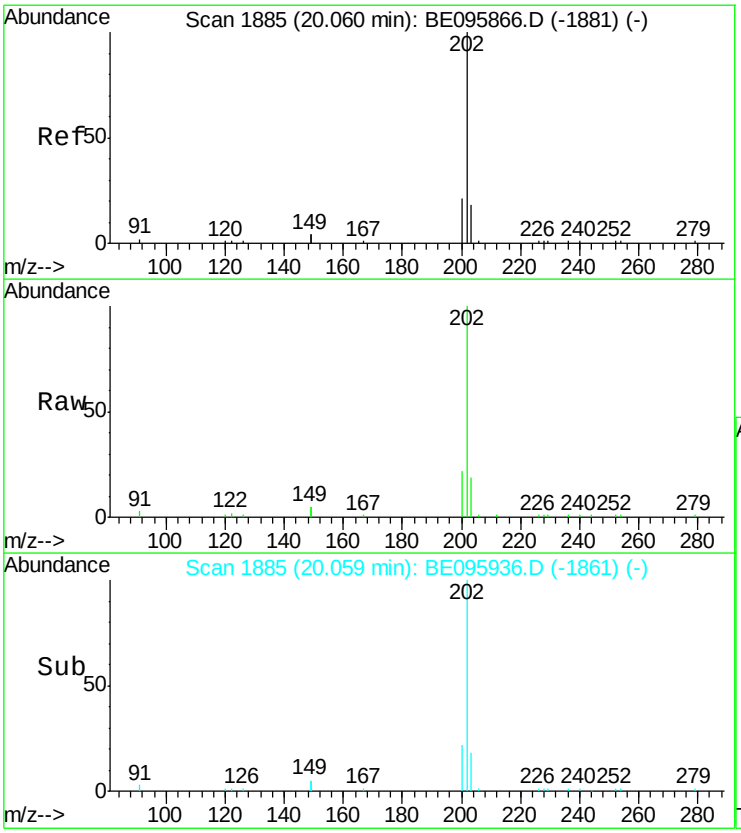
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6687

Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.5	8.3#
236	27.9	20.7	31.1

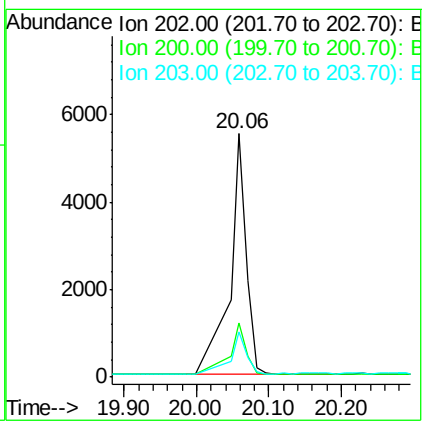


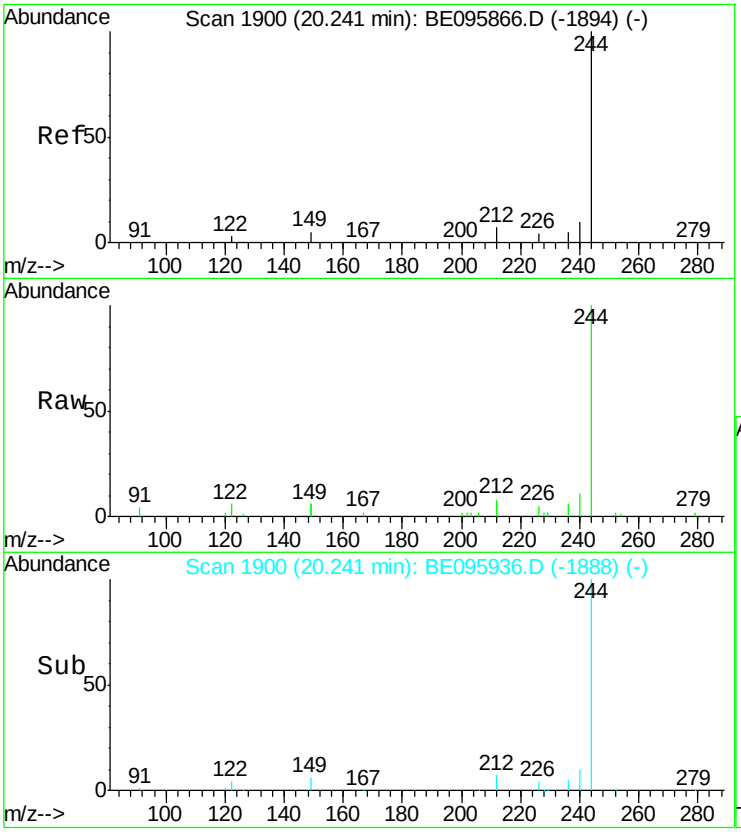


#28
Pyrene
Concen: 0.290 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:202 Resp: 7890

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.6	25.0
203	17.2	13.8	20.8



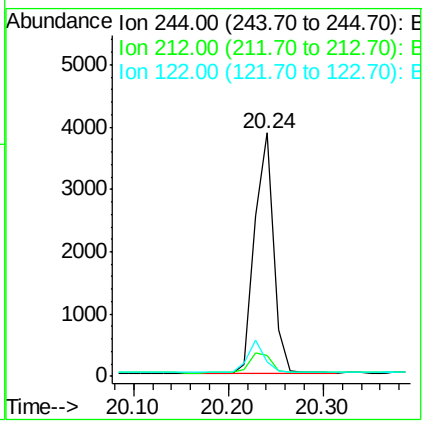


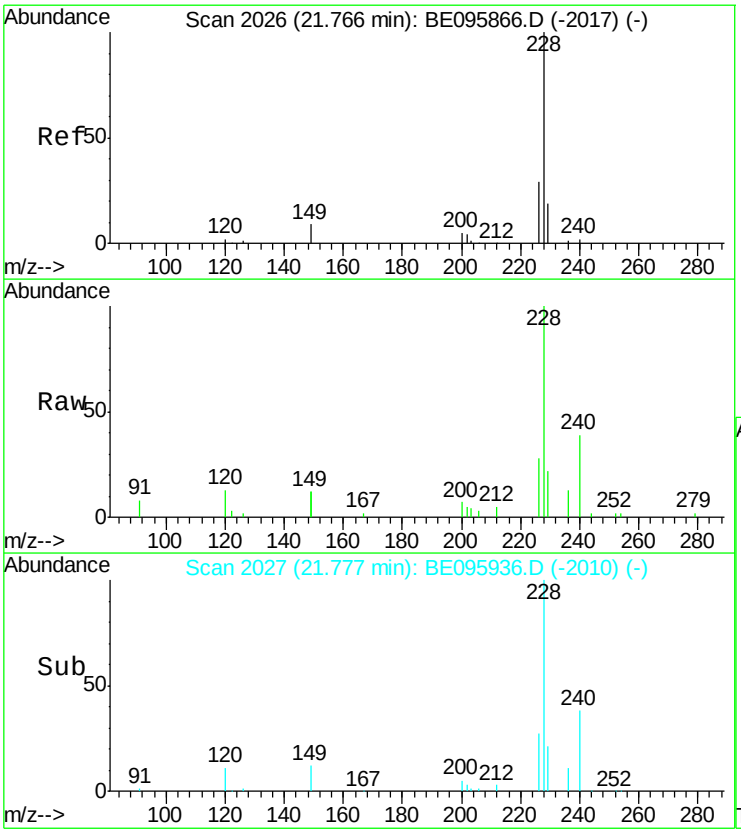
#29
Terphenyl-d14
Concen: 0.373 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5293

Ion	Ratio	Lower	Upper
244	100		
212	8.4	25.4	38.0#
122	5.9	8.1	12.1#

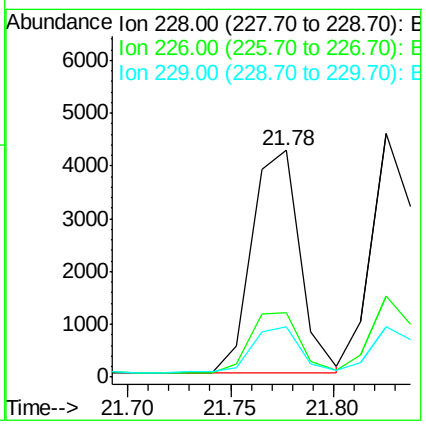


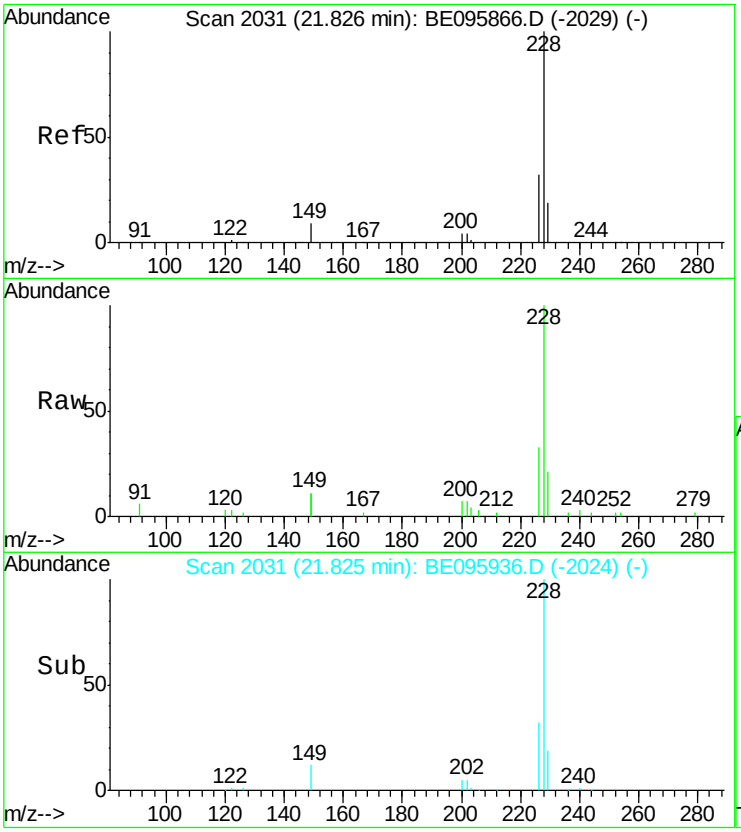


#30
Benzo(a)anthracene
Concen: 0.298 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:228 Resp: 6917

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.0	36.0
229	22.4	16.0	24.0



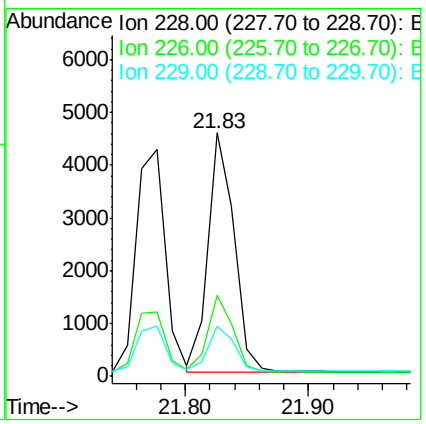


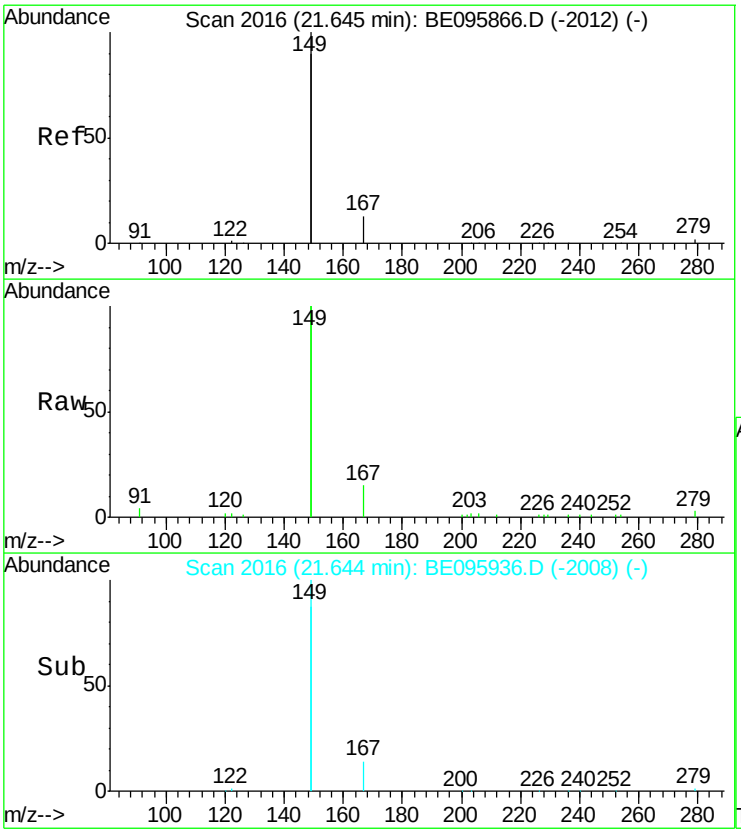
#31
Chrysene
Concen: 0.315 ng
RT: 21.83 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6665

Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.0	36.0
229	20.5	16.0	24.0

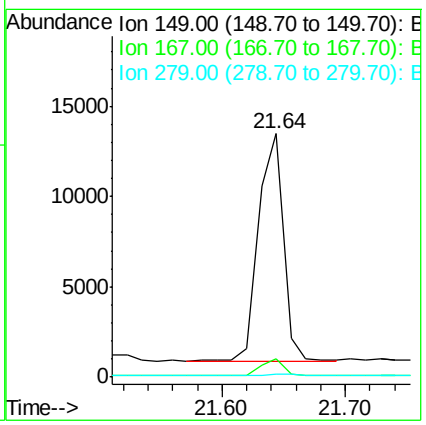


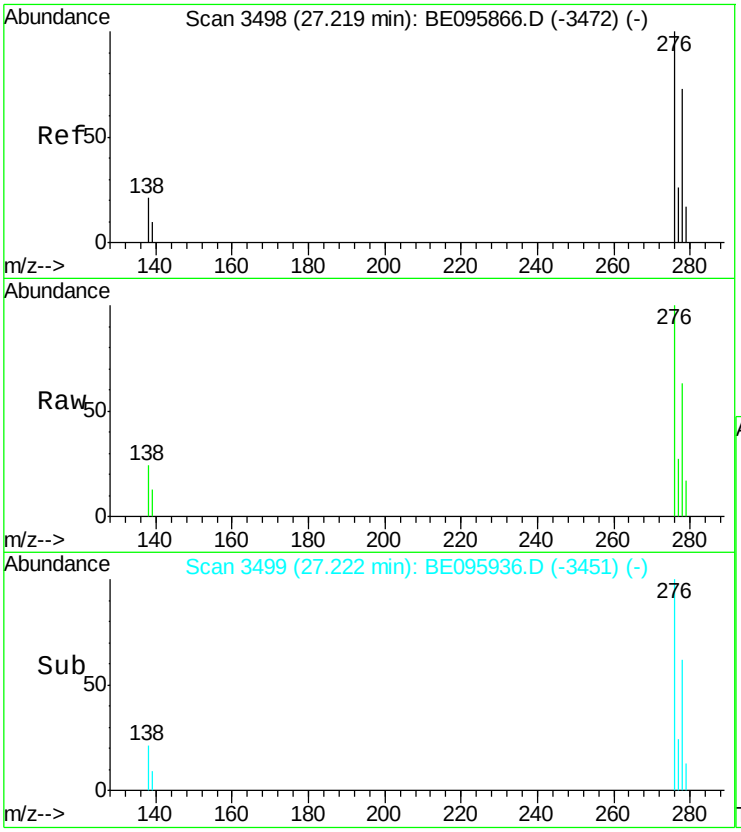


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.250 ng
RT: 21.64 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:149 Resp: 17759

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.0	0.7	1.1



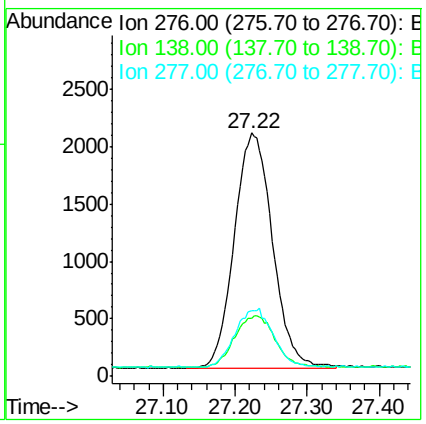


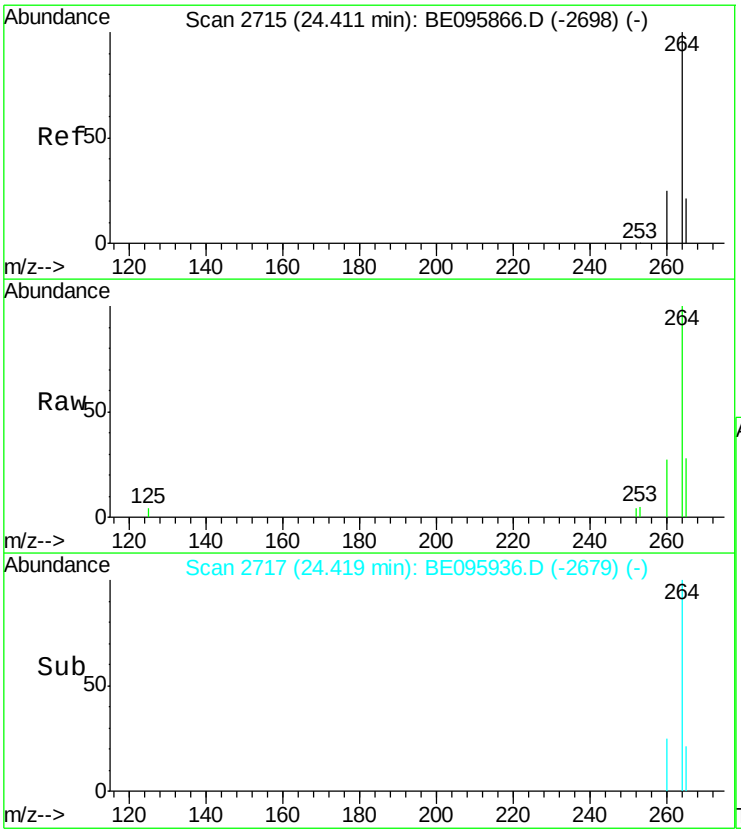
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng
RT: 27.22 min Scan# 3499
Delta R.T. -0.03 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7390

Ion	Ratio	Lower	Upper
276	100		
138	23.0	22.5	33.7
277	24.7	19.9	29.9

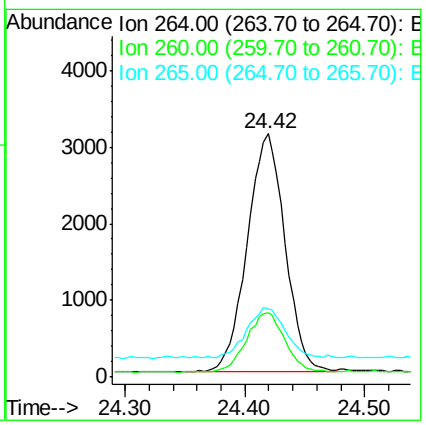


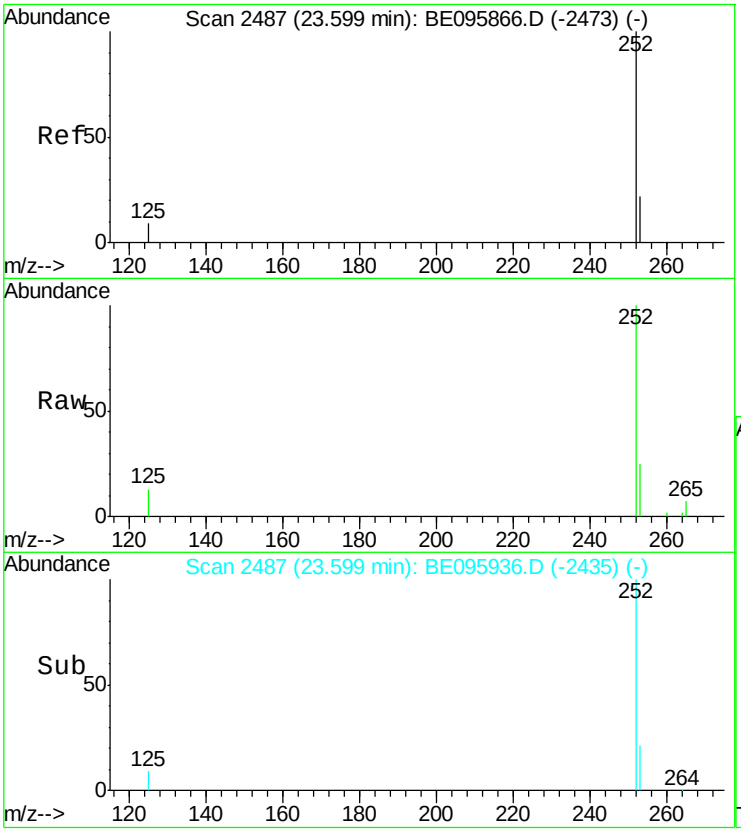


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2717
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:264 Resp: 6783

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	28.2	22.8	34.2



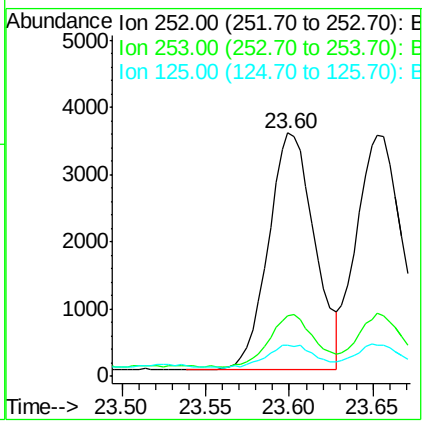


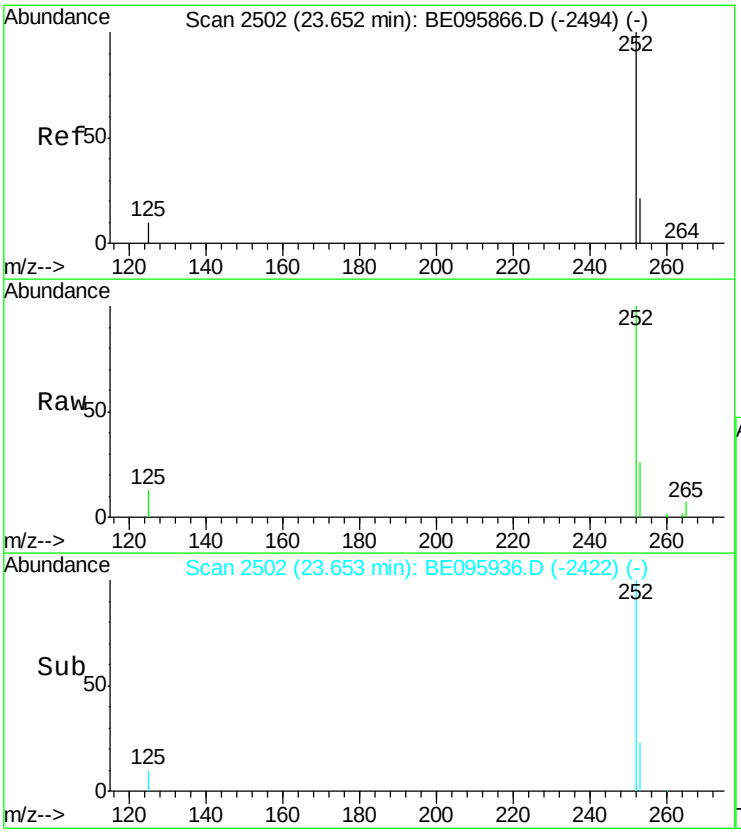
#35
Benzo(b)fluoranthene
Concen: 0.301 ng
RT: 23.60 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6762

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.0	30.0
125	12.8	16.0	24.0#

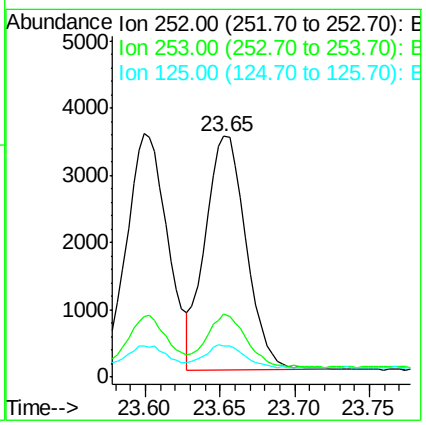


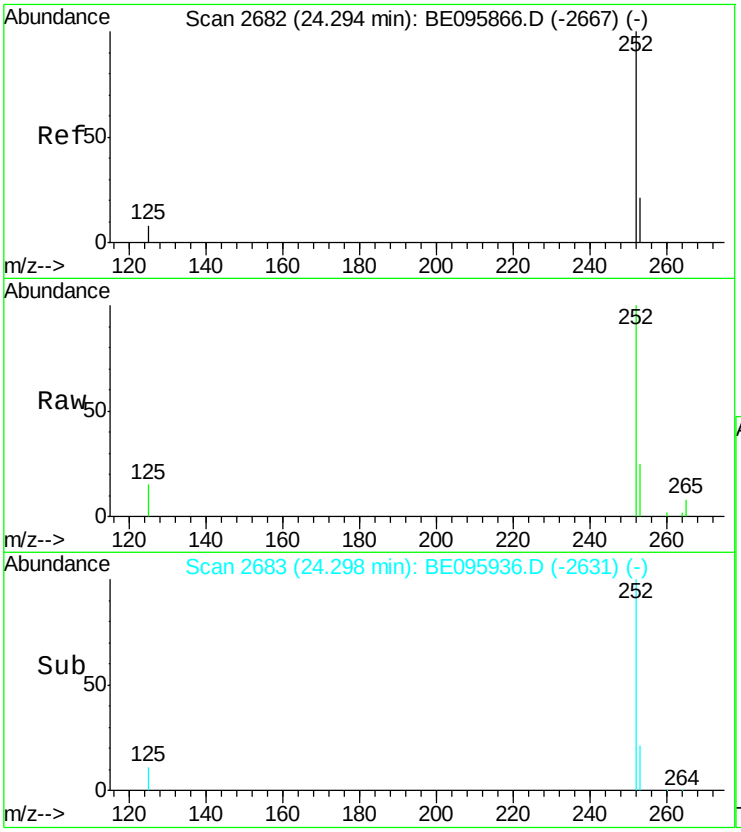


#36
Benzo(k)fluoranthene
Concen: 0.294 ng
RT: 23.65 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:252 Resp: 6608

Ion	Ratio	Lower	Upper
252	100		
253	26.2	16.0	24.0#
125	13.1	8.0	12.0#



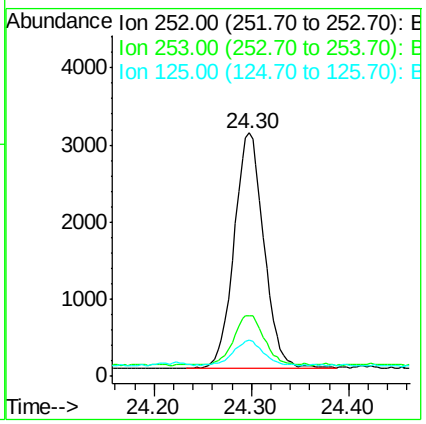


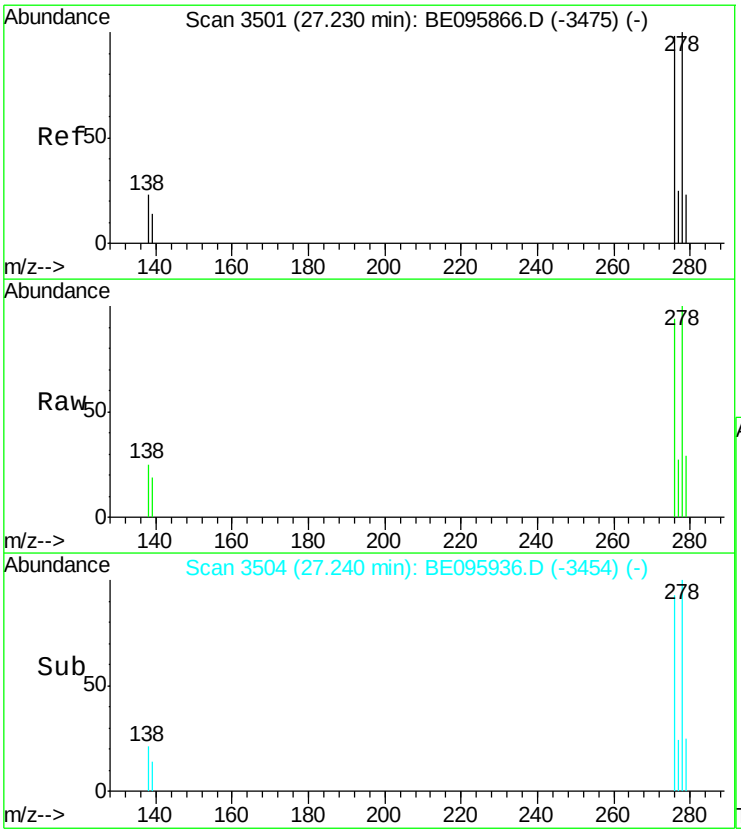
#37
Benzo(a)pyrene
Concen: 0.309 ng
RT: 24.30 min Scan# 2683
Delta R.T. -0.01 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6497

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.0	24.0#
125	15.0	12.0	18.0

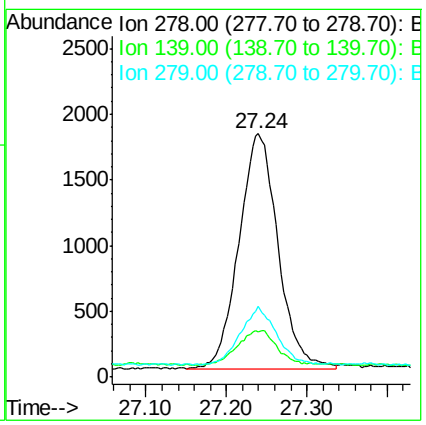


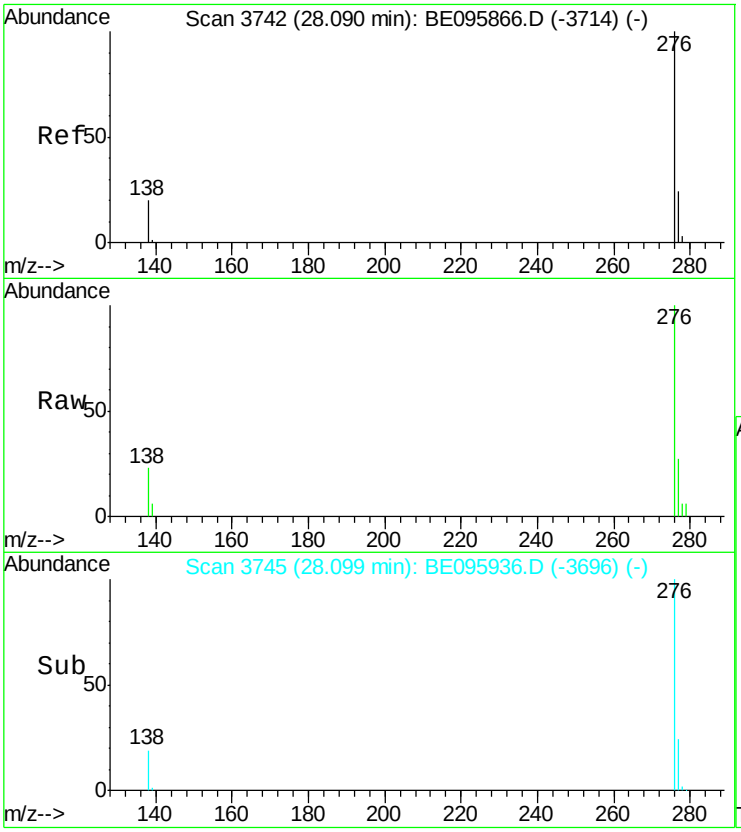


#38
Dibenzo(a,h)anthracene
Concen: 0.301 ng
RT: 27.24 min Scan# 3504
Delta R.T. -0.02 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Tgt Ion:278 Resp: 6025

Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.0	24.0
279	29.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.312 ng
RT: 28.10 min Scan# 3745
Delta R.T. -0.02 min
Lab File: BE095936.D
Acq: 2 Apr 2018 20:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6263

Ion	Ratio	Lower	Upper
276	100		
277	27.0	16.0	24.0#
138	22.8	20.0	30.0