Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
Data File : BE099798.D
Acq On : 5 Jun 2019 9:49
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Jun 05 13:29:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 13:24:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1083	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	3713	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	2912	0.40	ng		0.01
19) Phenanthrene-d10	17.23	188	9917	0.40	ng		0.00
27) Chrysene-d12	21.41	240	16485	0.40	ng		0.00
34) Perylene-d12	23.95	264	18095	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	498	0.18	ng		0.00
5) Phenol-d6	6.98	99	620	0.17	ng		0.02
8) Nitrobenzene-d5	8.98	82	476	0.15	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	1275	0.20	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	243	0.14	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	2006	0.18	ng		0.01
25) Fluoranthene-d10	19.26	212	29419	0.22	ng		0.00
29) Terphenyl-d14	19.86	244	5393	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	377	0.235	ng	#	88
3) n-Nitrosodimethylamine	3.63	42	167	0.189	ng	#	62
6) bis(2-Chloroethyl)ether	7.23	93	593	0.184	ng	#	84
9) Naphthalene	10.67	128	7975	0.201	ng	#	98
10) Hexachlorobutadiene	10.94	225	634	0.217	ng		95
12) 2-Methylnaphthalene	12.30	142	1183	0.183	ng		97
16) Acenaphthylene	14.20	152	2628	0.194	ng		99
17) Acenaphthene	14.54	154	1502	0.197	ng		99
18) Fluorene	15.53	166	2172	0.194	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	1067	0.187	ng		87
21) Hexachlorobenzene	16.53	284	1169	0.200	ng		98
22) Pentachlorophenol	16.97	266	81	0.048	ng		92
23) Phenanthrene	17.27	178	4476	0.185	ng		99
24) Anthracene	17.36	178	3577	0.163	ng		99
26) Fluoranthene	19.29	202	8140	0.212	ng		99
28) Pyrene	19.65	202	8301	0.200	ng		100
30) Benzo(a)anthracene	21.39	228	8747	0.187	ng		98
31) Chrysene	21.45	228	9906	0.198	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	9815	0.182	ng		100
33) Indeno(1,2,3-cd)pyrene	26.64	276	11685	0.193	ng	#	93
35) Benzo(b)fluoranthene	23.16	252	9706	0.196	ng	#	96
36) Benzo(k)fluoranthene	23.21	252	10120	0.196	ng	#	97
37) Benzo(a)pyrene	23.83	252	9293	0.195	ng	#	93
38) Dibenzo(a,h)anthracene	26.67	278	9147	0.183	ng		94
39) Benzo(g,h,i)perylene	27.46	276	9869	0.195	ng		99

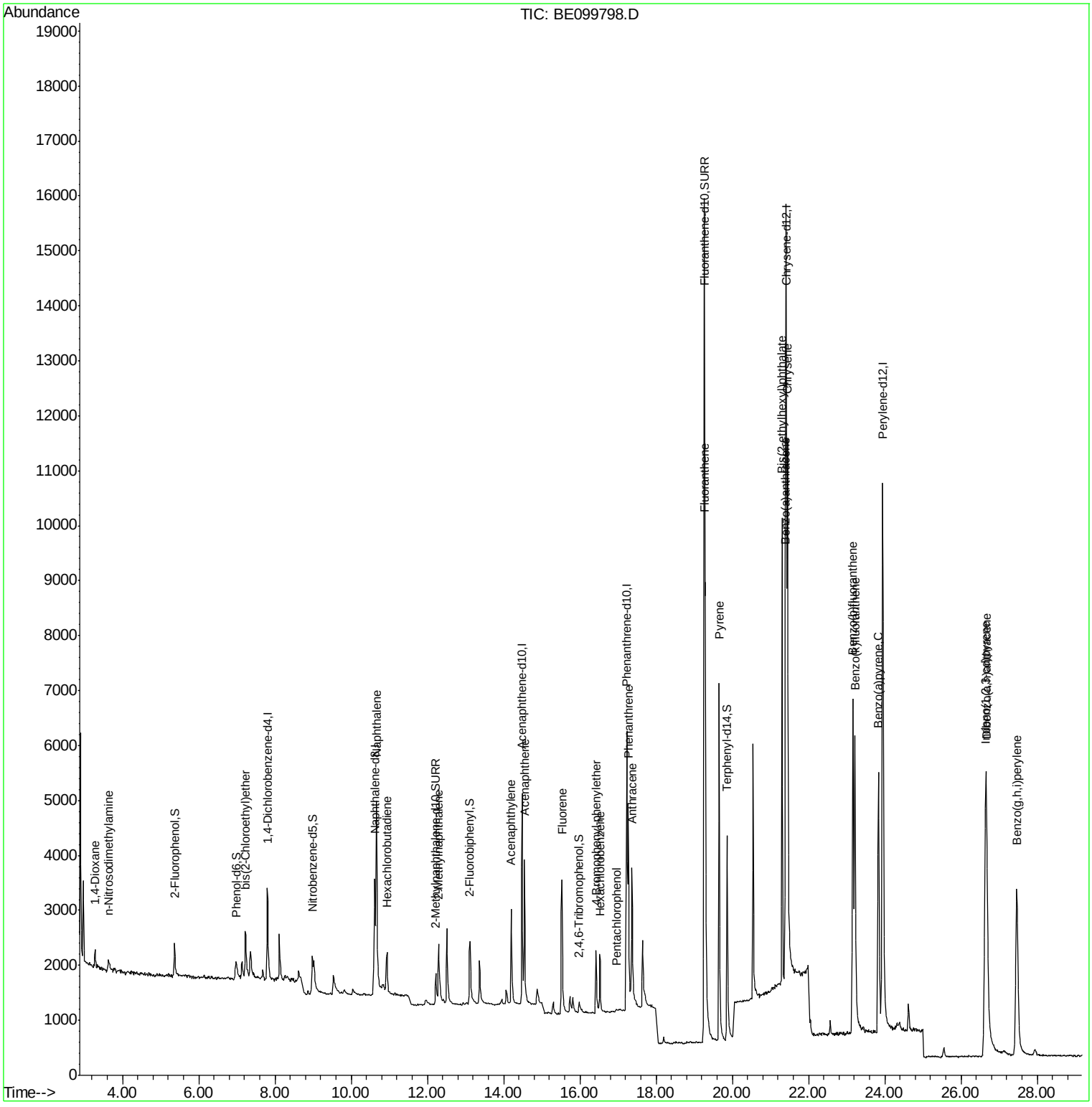
(#) = qualifier out of range (m) = manual integration (+) = signals summed

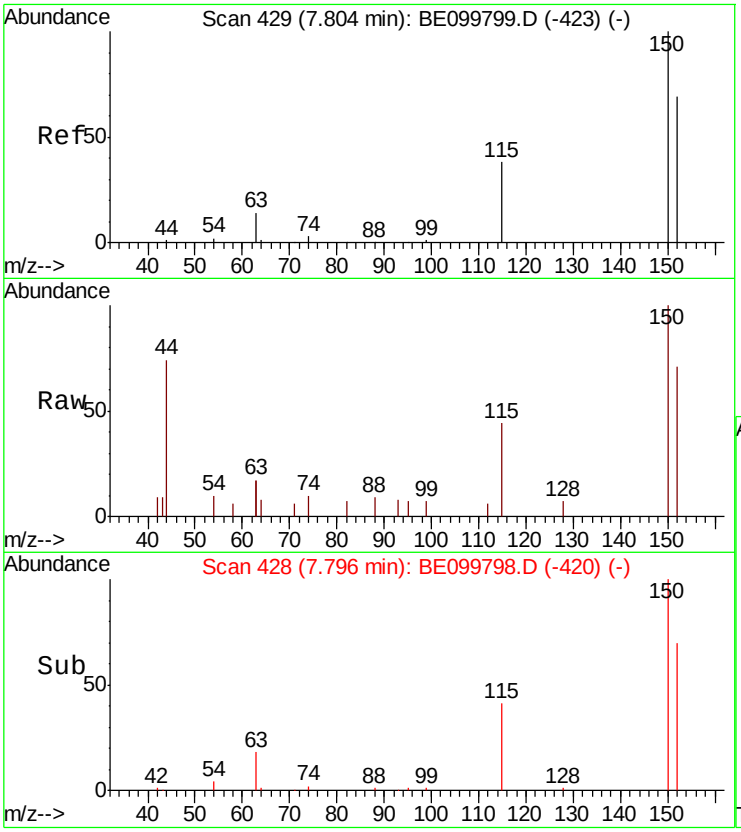
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
Data File : BE099798.D
Acq On : 5 Jun 2019 9:49
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 05 13:29:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 13:24:09 2019
Response via : Initial Calibration



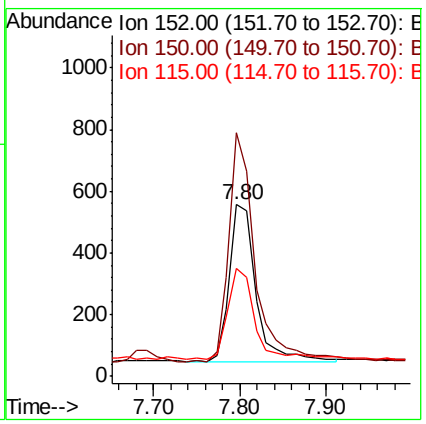


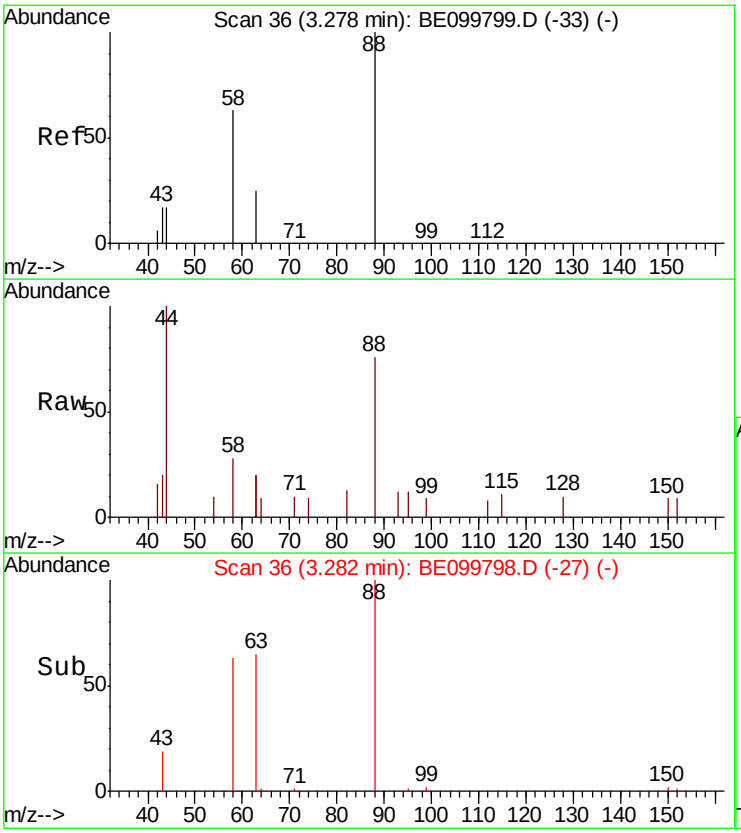
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1083

Ion	Ratio	Lower	Upper
152	100		
150	141.7	112.8	169.2
115	63.0	47.6	71.4

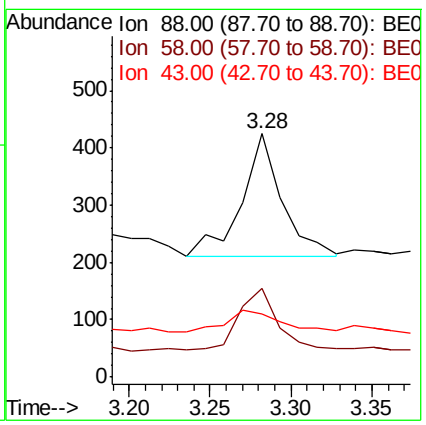


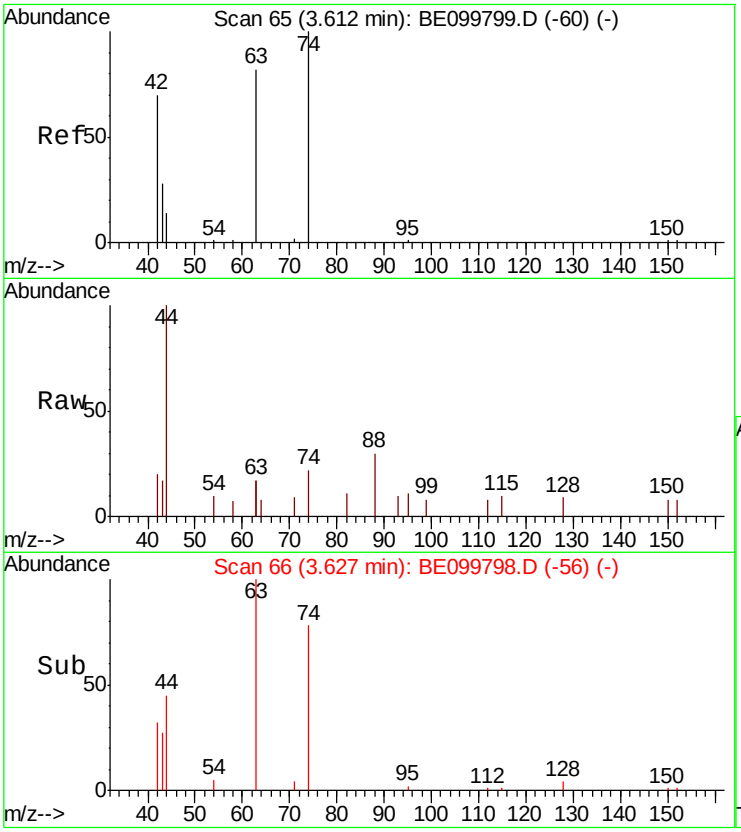


#2
1,4-Dioxane
Concen: 0.235 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion: 88 Resp: 377

Ion	Ratio	Lower	Upper
88	100		
58	47.5	47.5	71.3#
43	24.1	18.2	27.4



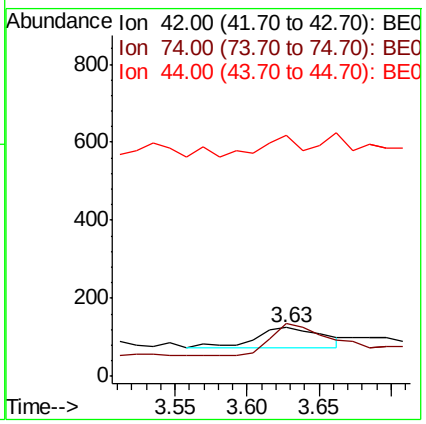


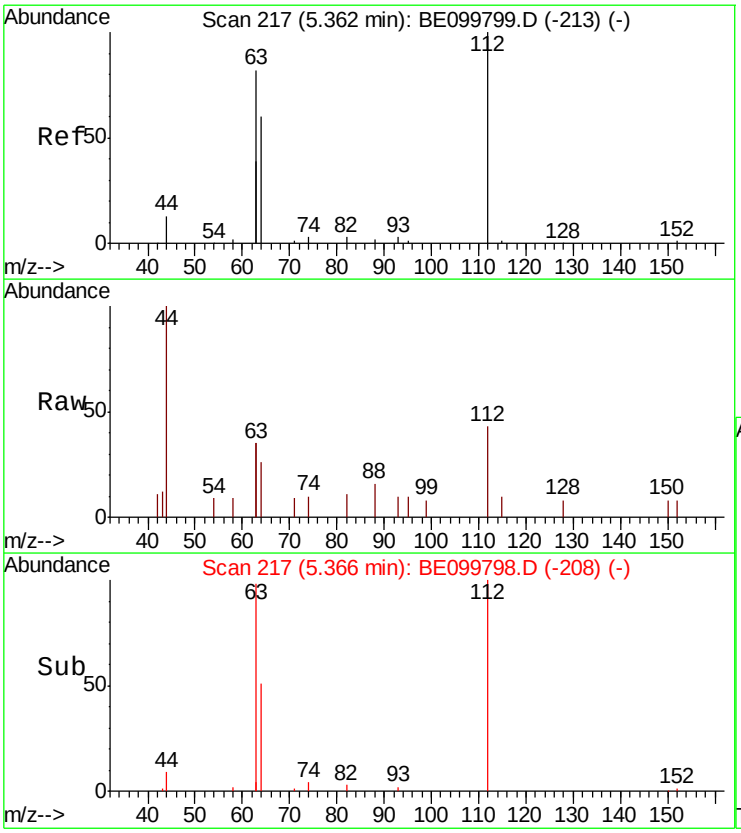
#3
n-Nitrosodimethylamine
Concen: 0.189 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.02 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 167

Ion	Ratio	Lower	Upper
42	100		
74	126.9	137.8	206.6#
44	54.5	10.8	16.2#

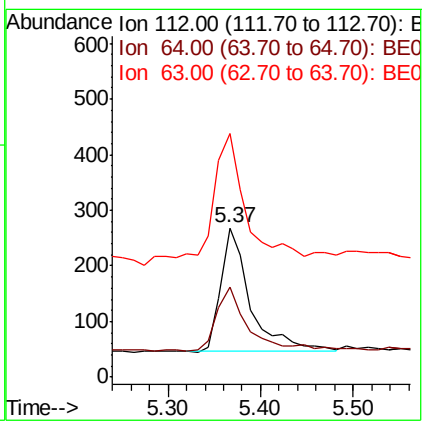


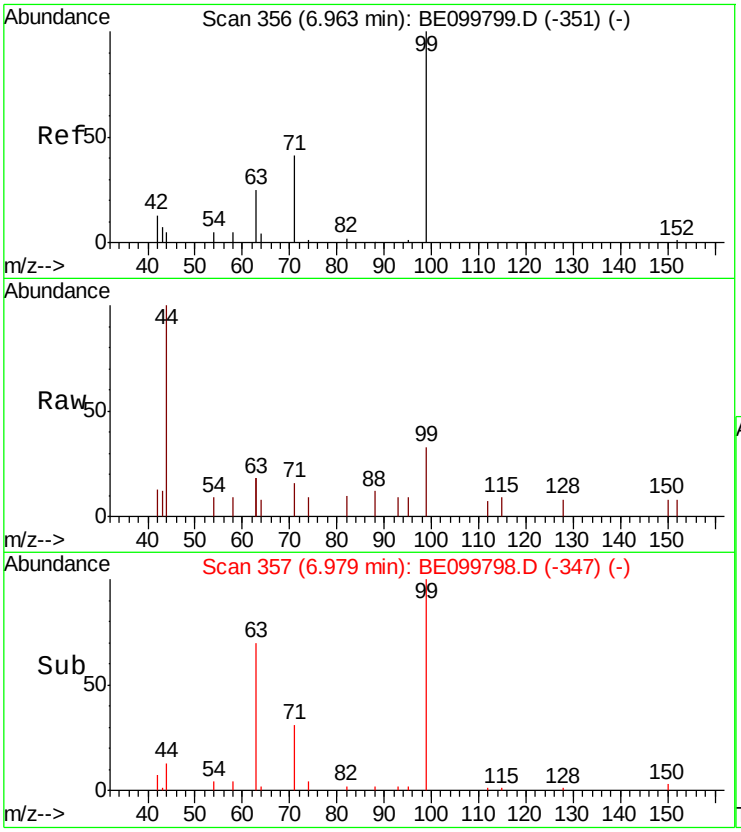


#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.37 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:112 Resp: 498

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.2	70.8
63	93.6	90.7	136.1



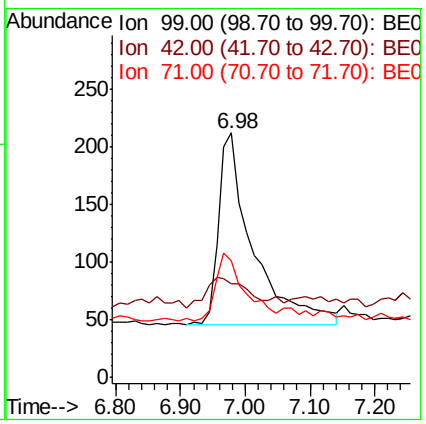


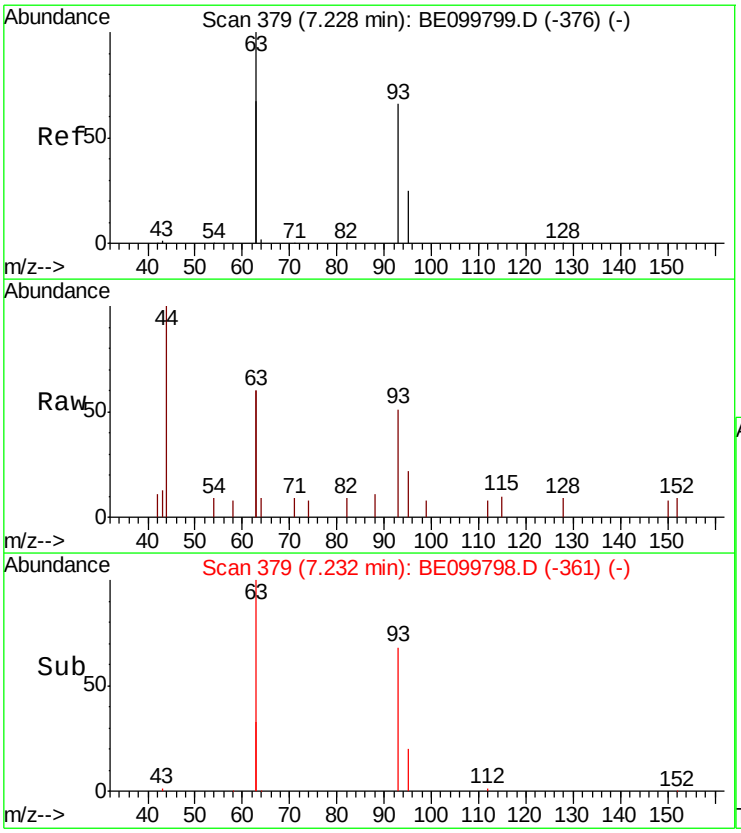
#5
Phenol-d6
Concen: 0.171 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.02 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 620

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.0	16.4#
71	29.5	26.1	39.1

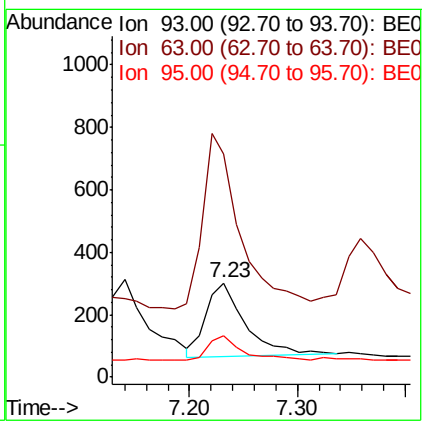


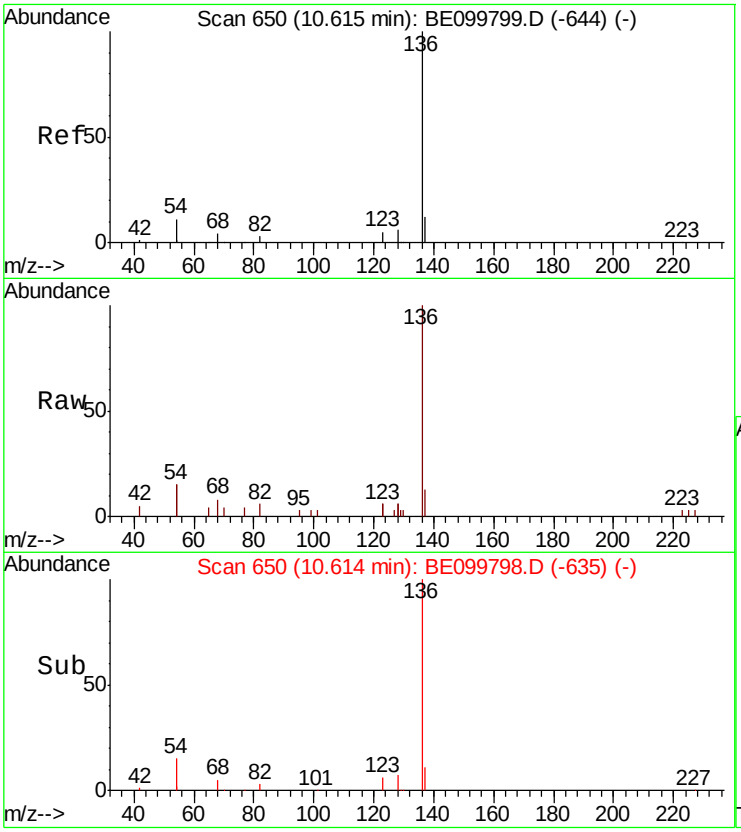


#6
bis(2-Chloroethyl)ether
Concen: 0.184 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion: 93 Resp: 593

Ion	Ratio	Lower	Upper
93	100		
63	231.0	208.8	313.2
95	27.2	27.6	41.4#



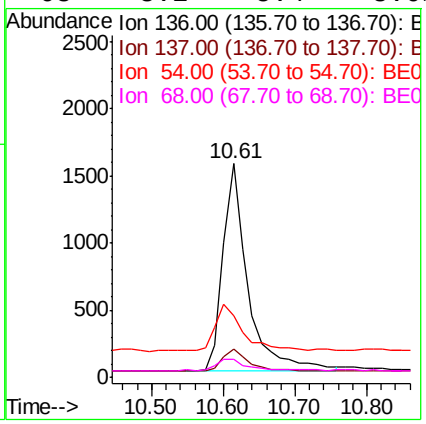


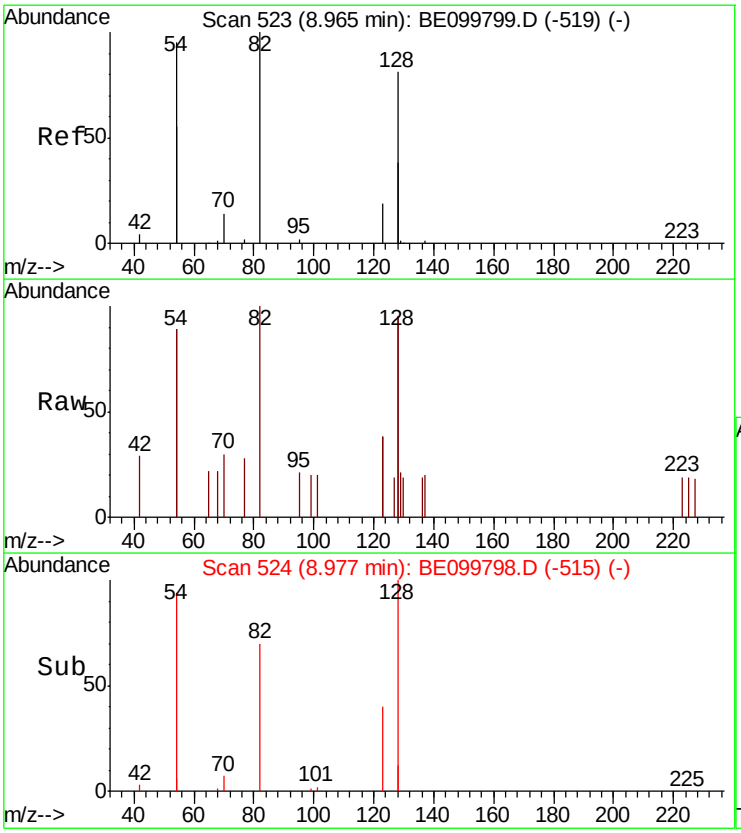
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 3713

Ion	Ratio	Lower	Upper
136	100		
137	13.3	11.1	16.7
54	29.1	17.9	26.9#
68	8.2	5.4	8.0#

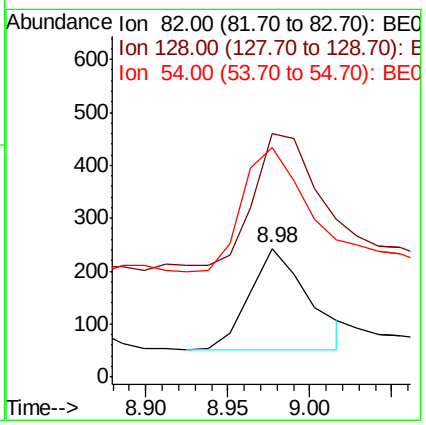


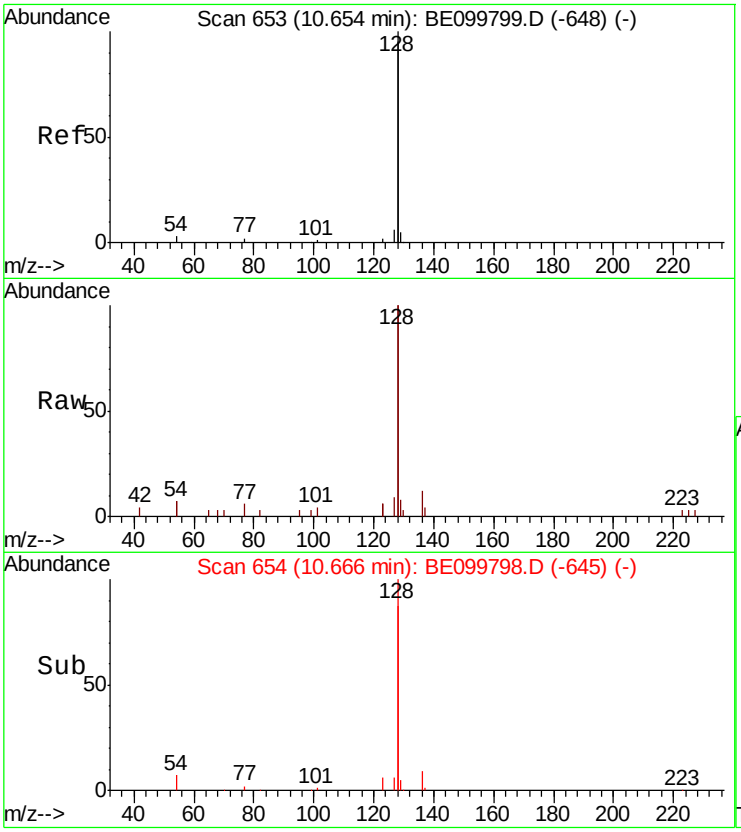


#8
Nitrobenzene-d5
Concen: 0.148 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion: 82 Resp: 476

Ion	Ratio	Lower	Upper
82	100		
128	189.3	116.6	175.0#
54	178.6	136.2	204.4



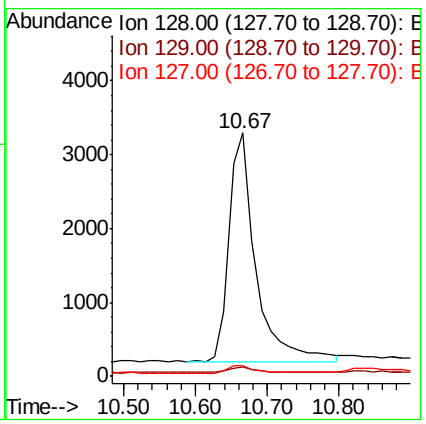


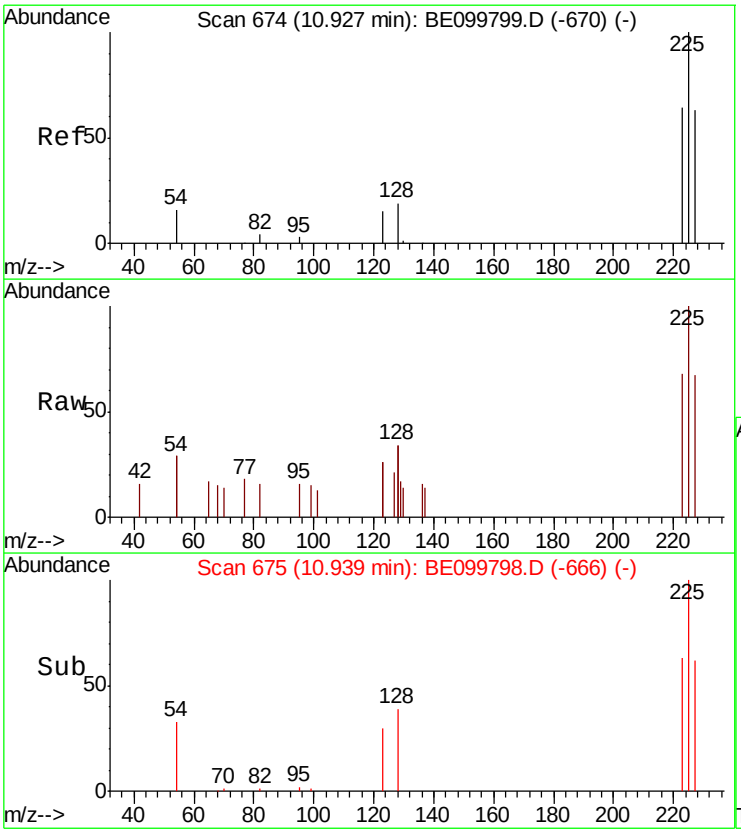
#9
Naphthalene
Concen: 0.201 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 7975

Ion	Ratio	Lower	Upper
128	100		
129	4.0	2.6	4.0#
127	4.4	3.0	4.6

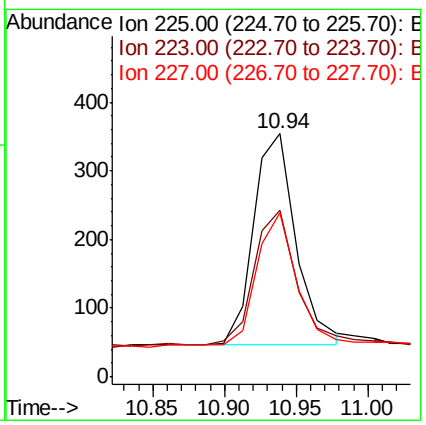


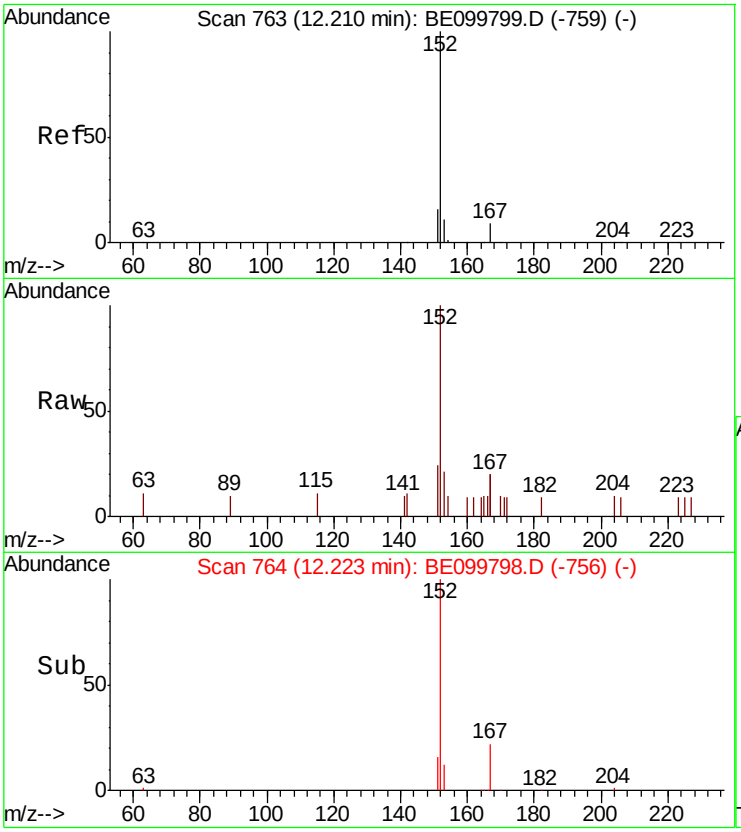


#10
Hexachlorobutadiene
Concen: 0.217 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:225 Resp: 634

Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.6	72.8
227	60.4	51.8	77.6



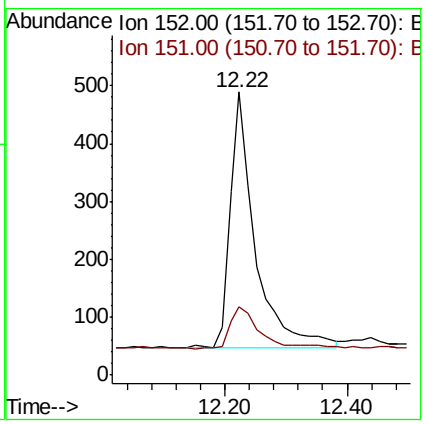


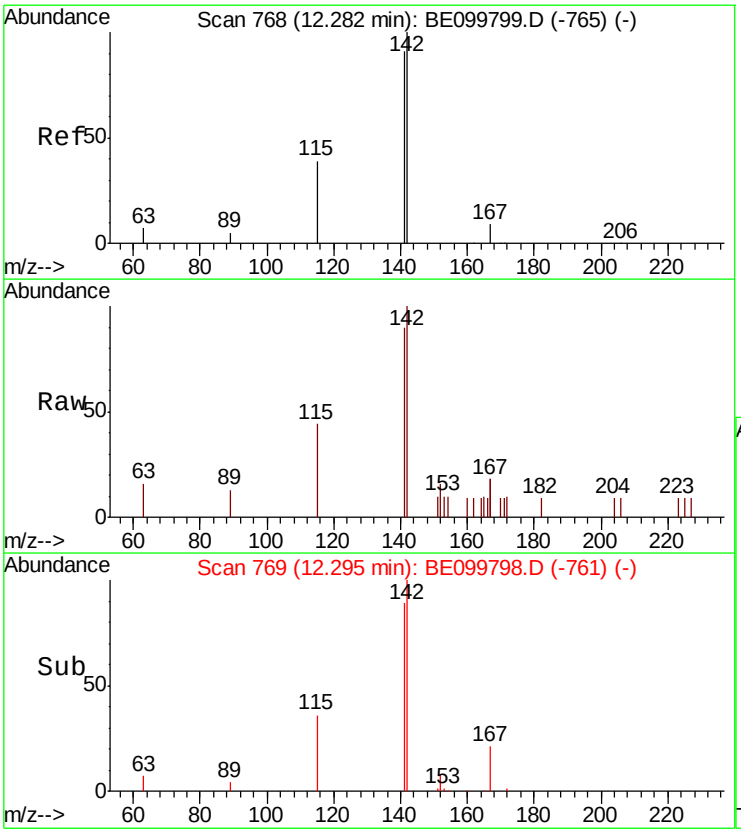
#11
2-Methylnaphthalene-d10
Concen: 0.199 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1275

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.5	23.3

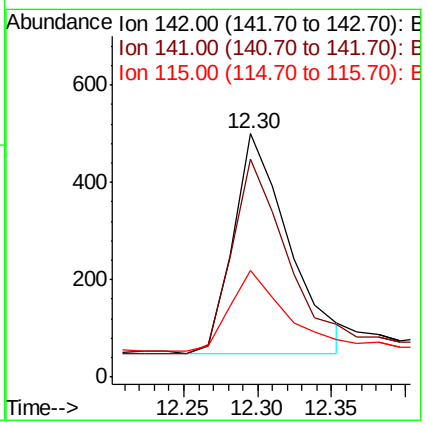


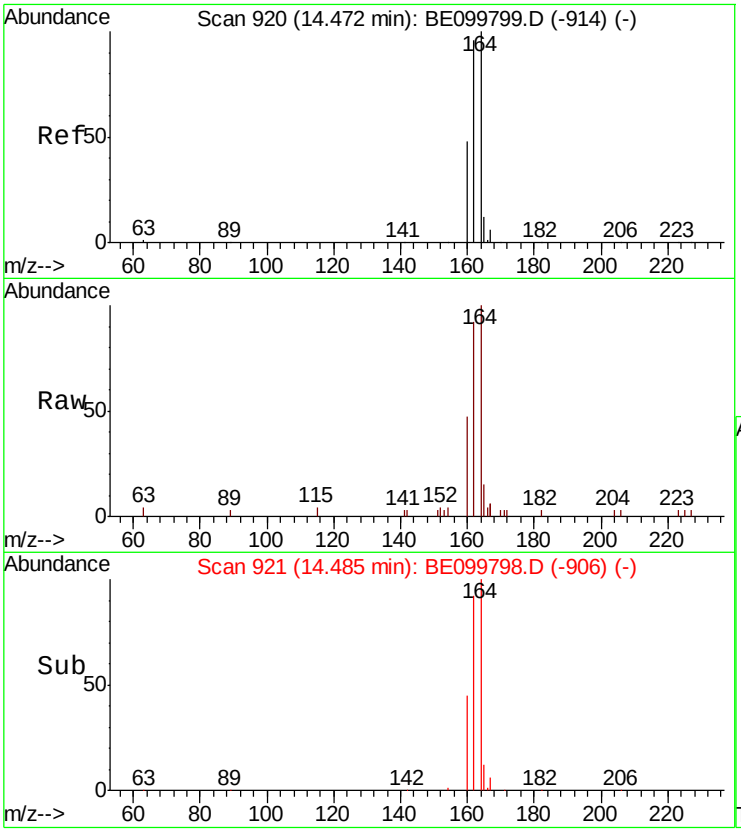


#12
2-Methylnaphthalene
Concen: 0.183 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:142 Resp: 1183

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.3	109.9
115	44.0	33.4	50.2



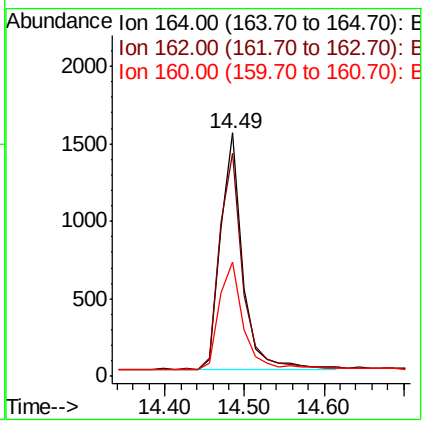


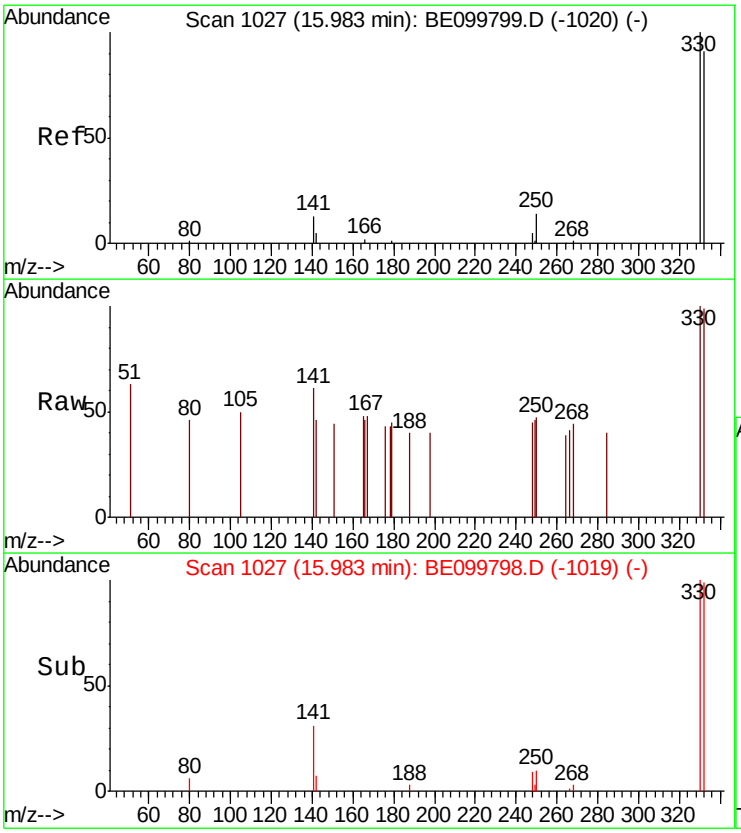
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 2912

Ion	Ratio	Lower	Upper
164	100		
162	91.7	77.2	115.8
160	46.7	39.4	59.2

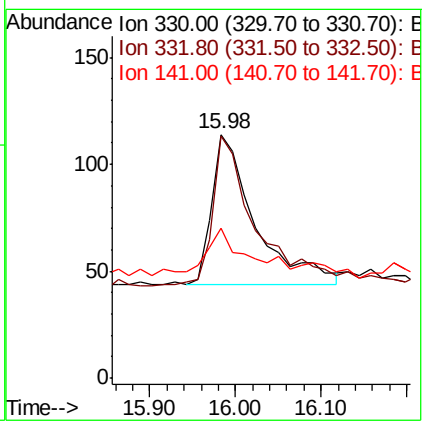


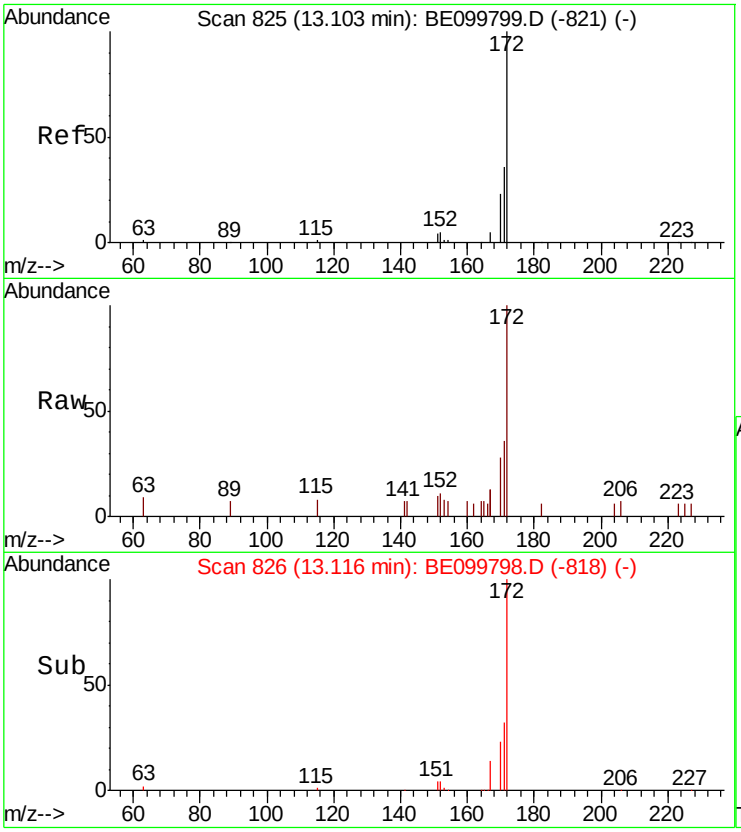


#14
2,4,6-Tribromophenol
Concen: 0.141 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:330 Resp: 243

Ion	Ratio	Lower	Upper
330	100		
332	103.3	72.9	109.3
141	23.9	15.6	23.4#



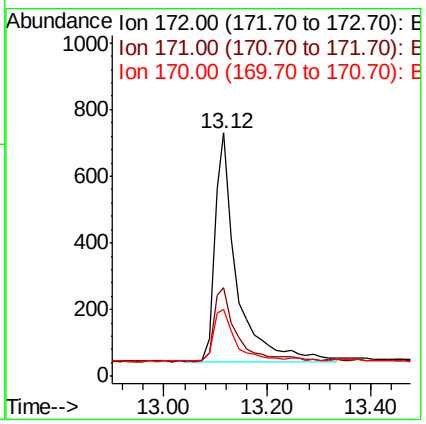


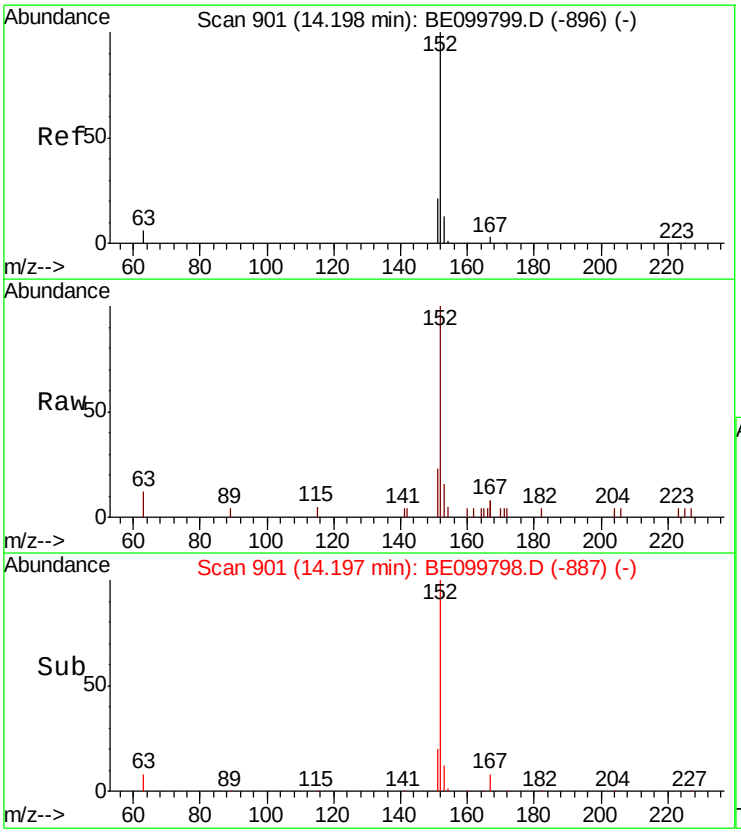
#15
2-Fluorobiphenyl
Concen: 0.182 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 2006

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.2	45.4
170	27.5	20.1	30.1

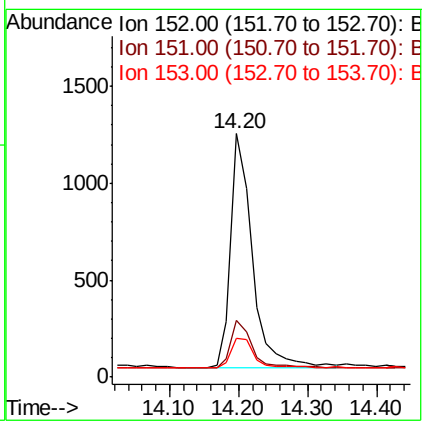


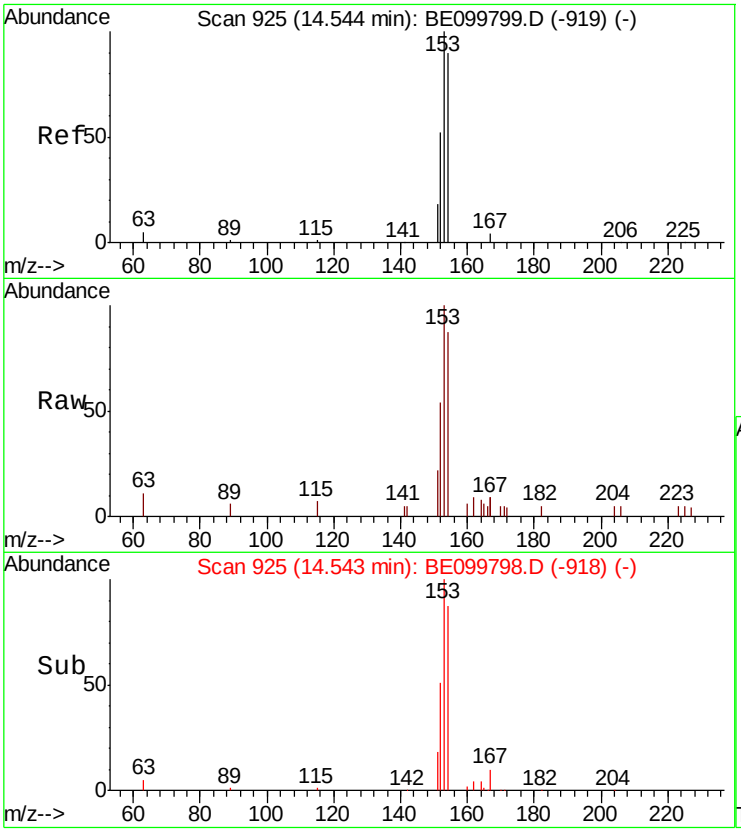


#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:152 Resp: 2628

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	14.3	10.8	16.2



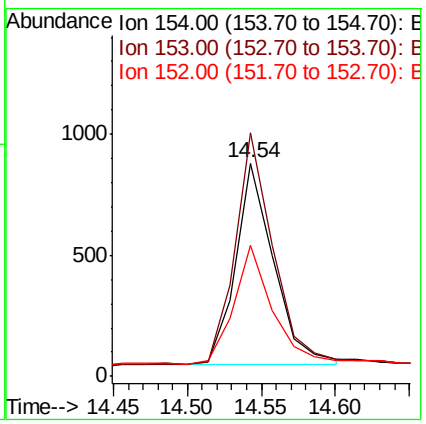


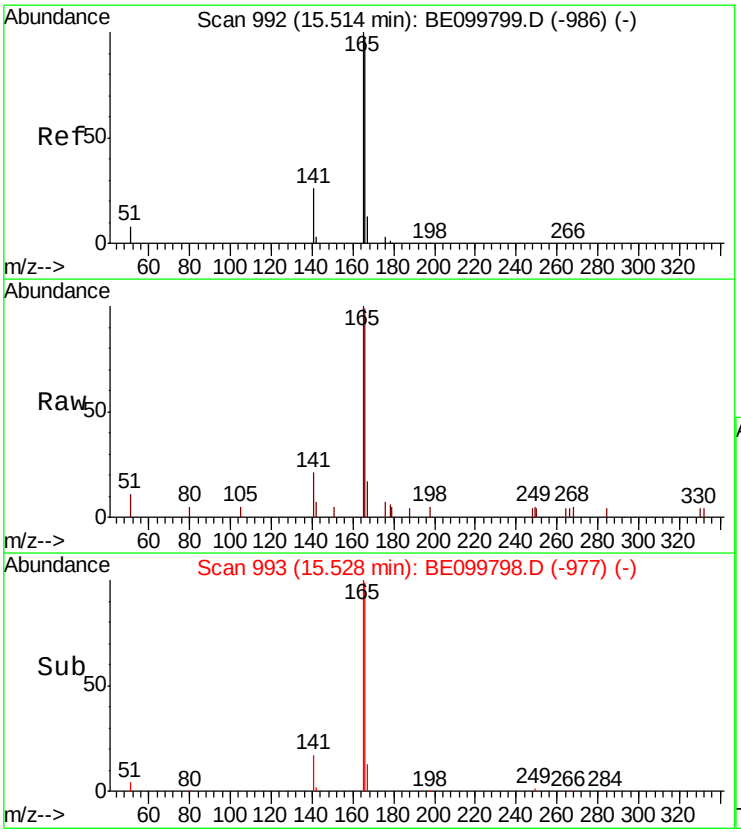
#17
Acenaphthene
Concen: 0.197 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1502

Ion	Ratio	Lower	Upper
154	100		
153	115.0	92.8	139.2
152	58.9	47.7	71.5

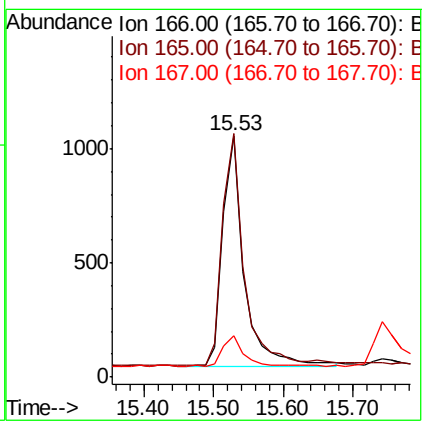


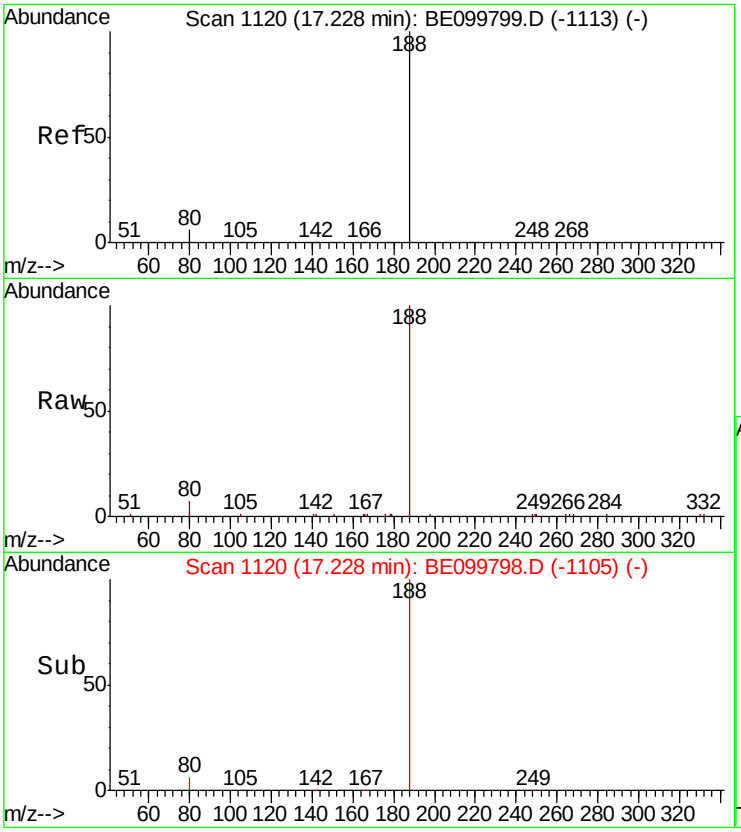


#18
Fluorene
Concen: 0.194 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:166 Resp: 2172

Ion	Ratio	Lower	Upper
166	100		
165	101.4	80.4	120.6
167	14.1	10.7	16.1



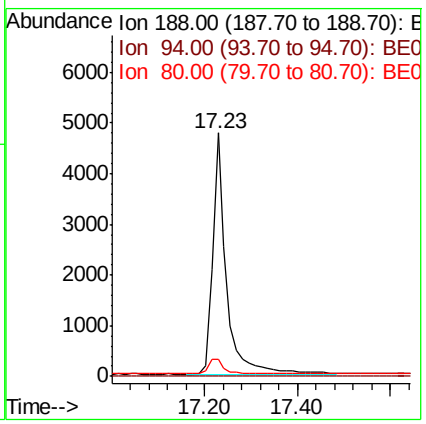


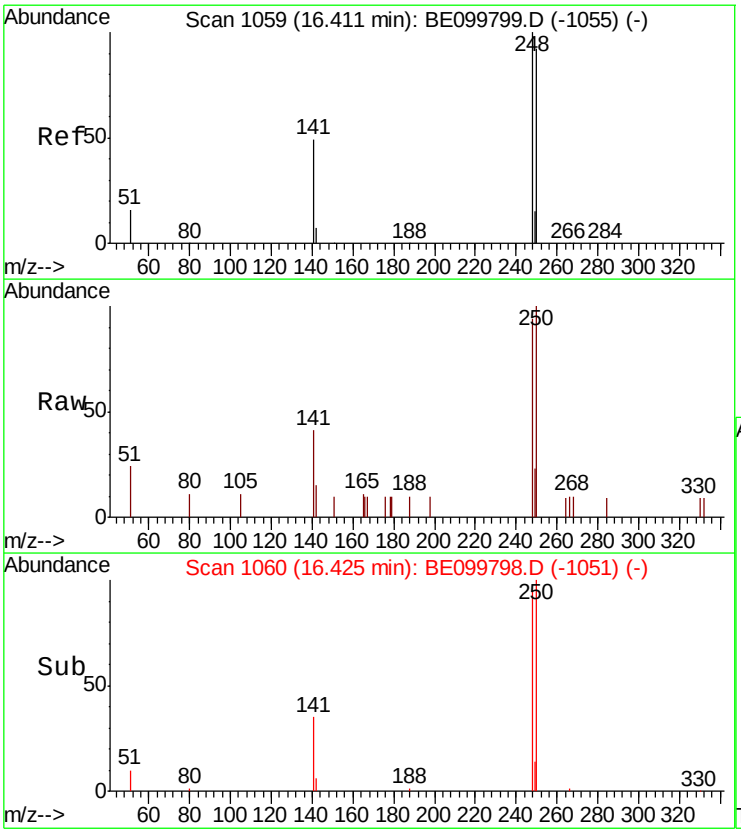
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 9917

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	5.2	7.8

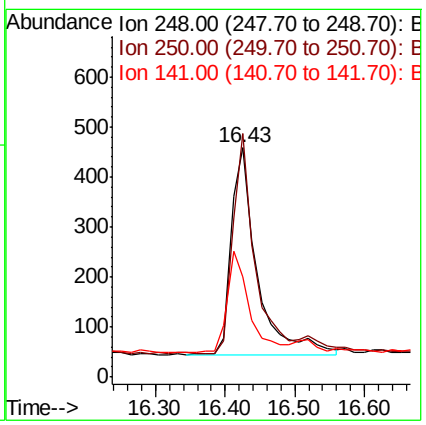


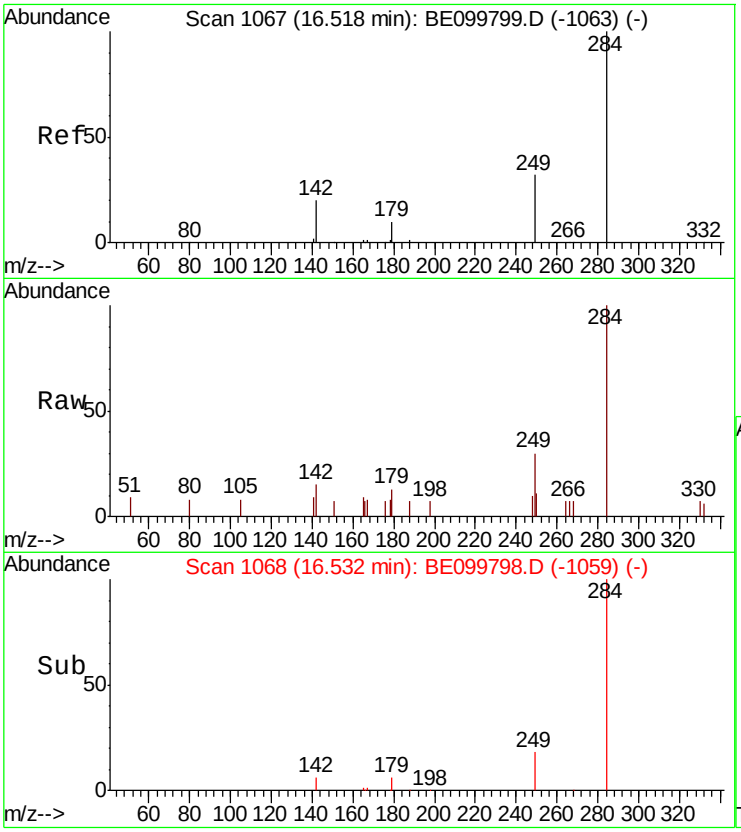


#20
4-Bromophenyl-phenylether
Concen: 0.187 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:248 Resp: 1067

Ion	Ratio	Lower	Upper
248	100		
250	106.1	73.7	110.5
141	43.8	40.9	61.3



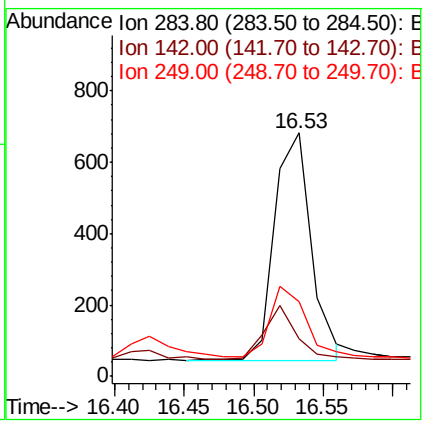


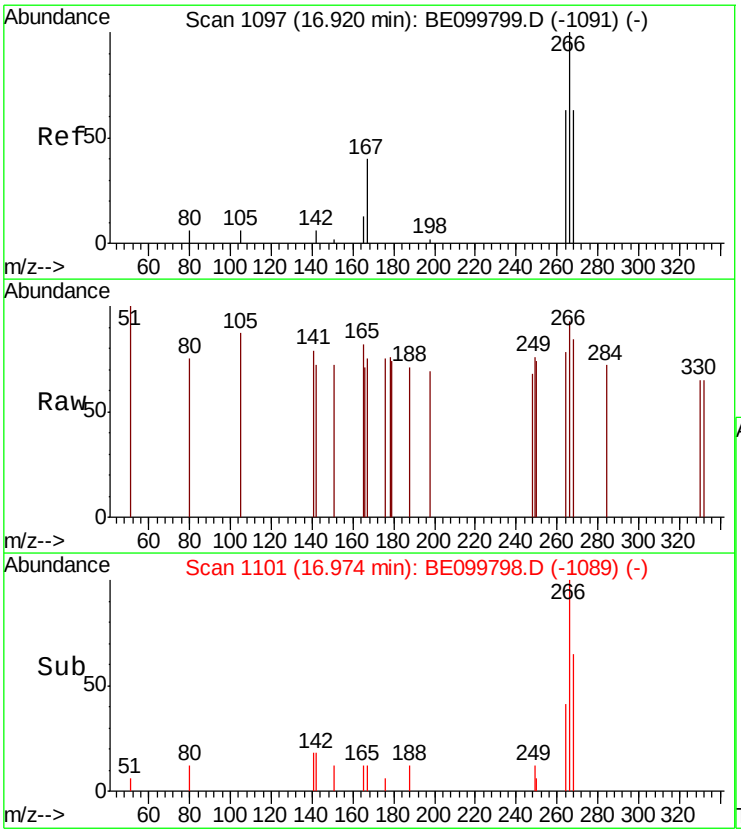
#21
Hexachlorobenzene
Concen: 0.200 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1169

Ion	Ratio	Lower	Upper
284	100		
142	19.6	16.2	24.4
249	29.6	23.0	34.6

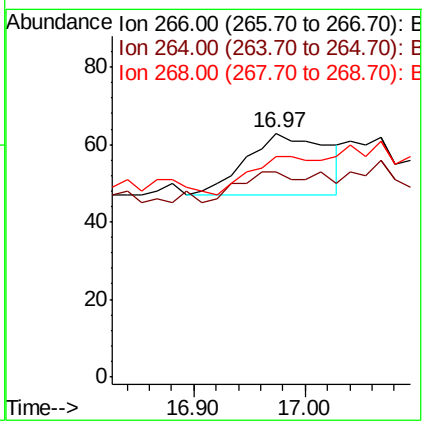


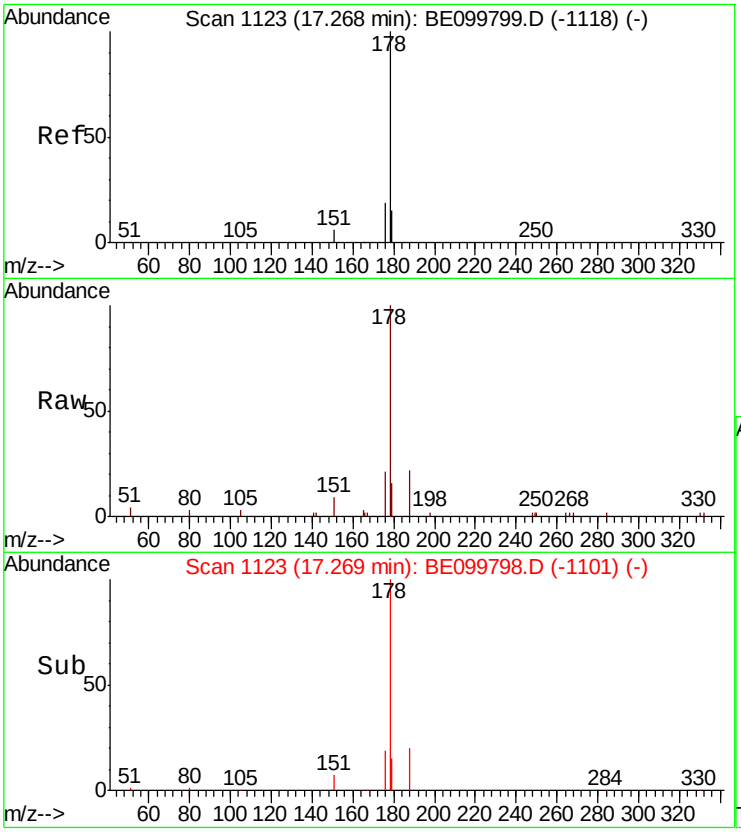


#22
Pentachlorophenol
Concen: 0.048 ng
RT: 16.97 min Scan# 1101
Delta R.T. 0.05 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:266 Resp: 81

Ion	Ratio	Lower	Upper
266	100		
264	84.1	64.9	97.3
268	90.5	64.0	96.0



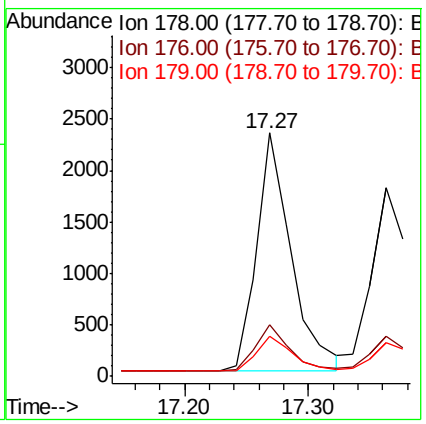


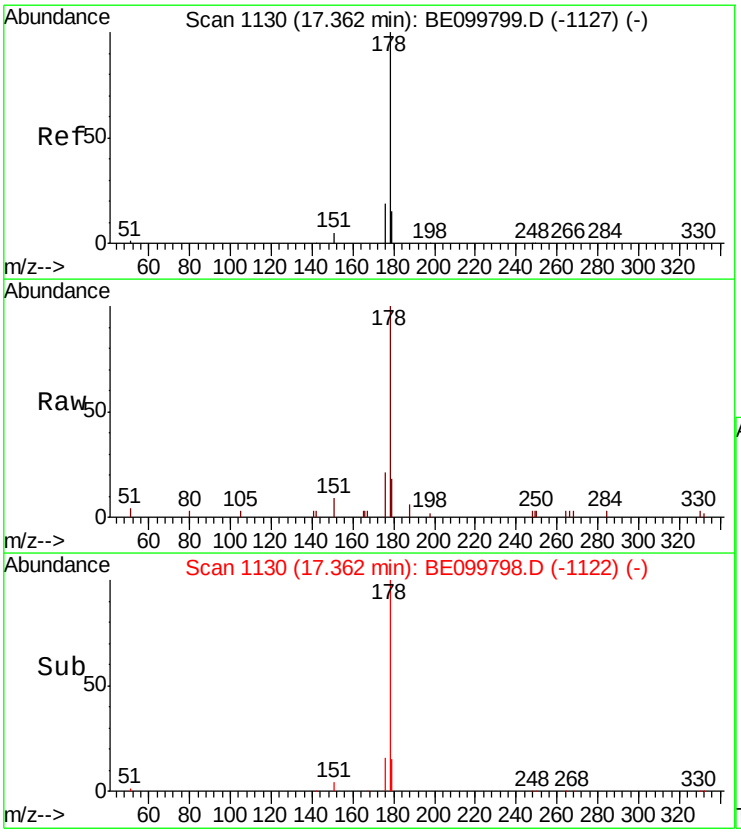
#23
Phenanthrene
Concen: 0.185 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 4476

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	16.0	12.5	18.7

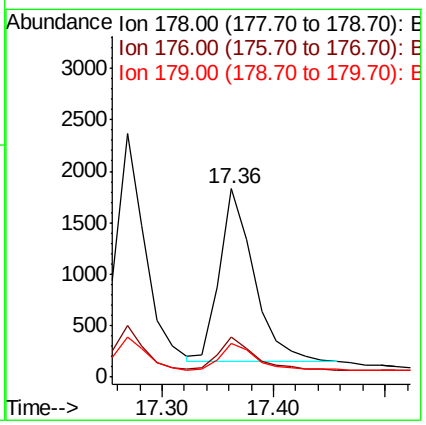


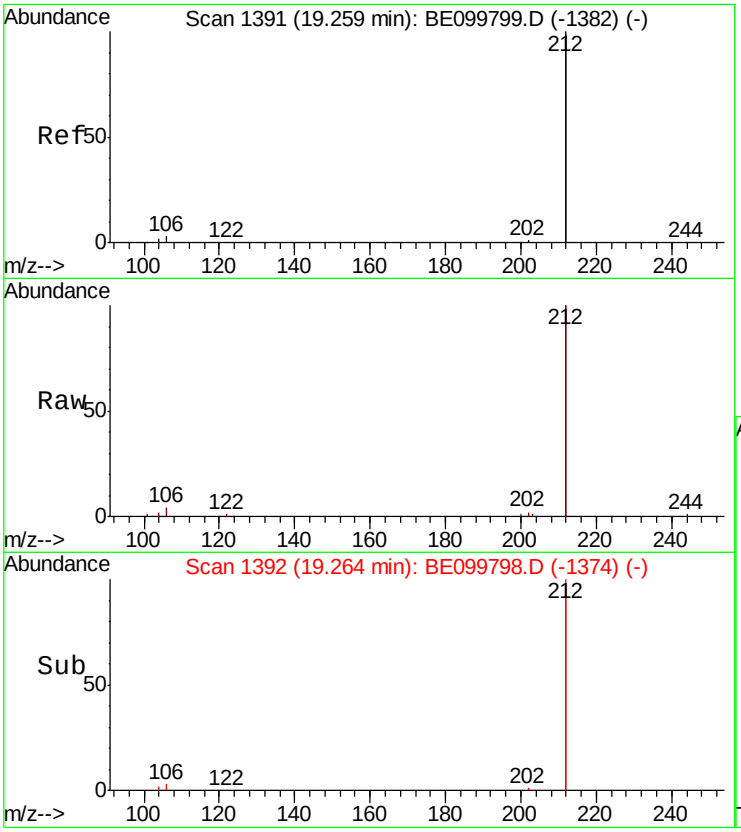


#24
Anthracene
Concen: 0.163 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:178 Resp: 3577

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.0	12.1	18.1



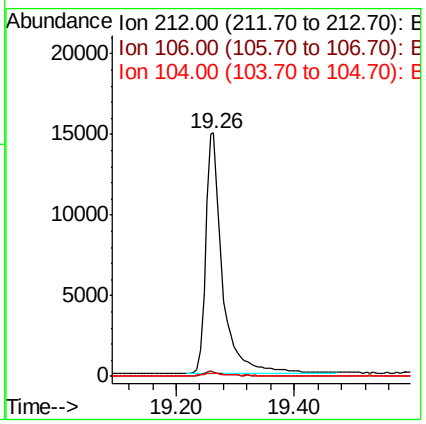


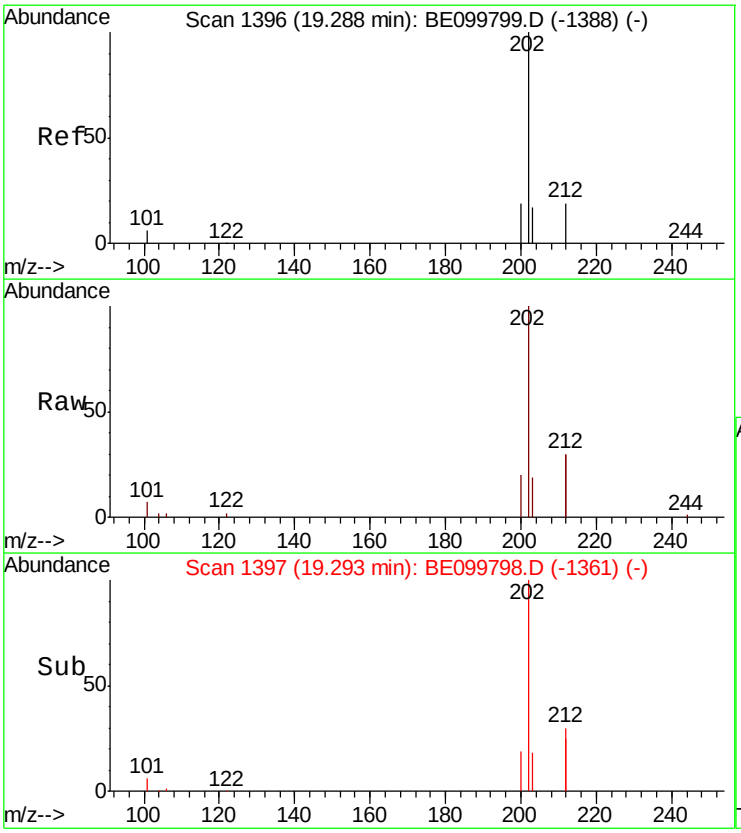
#25
Fluoranthene-d10
Concen: 0.217 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 29419

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

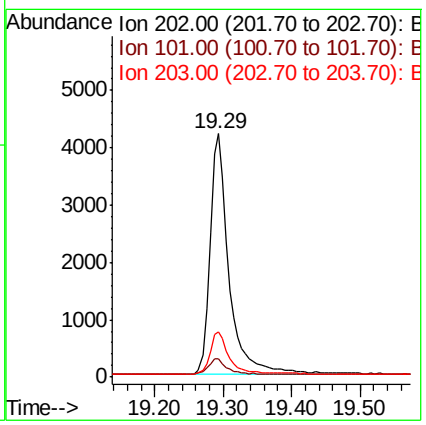


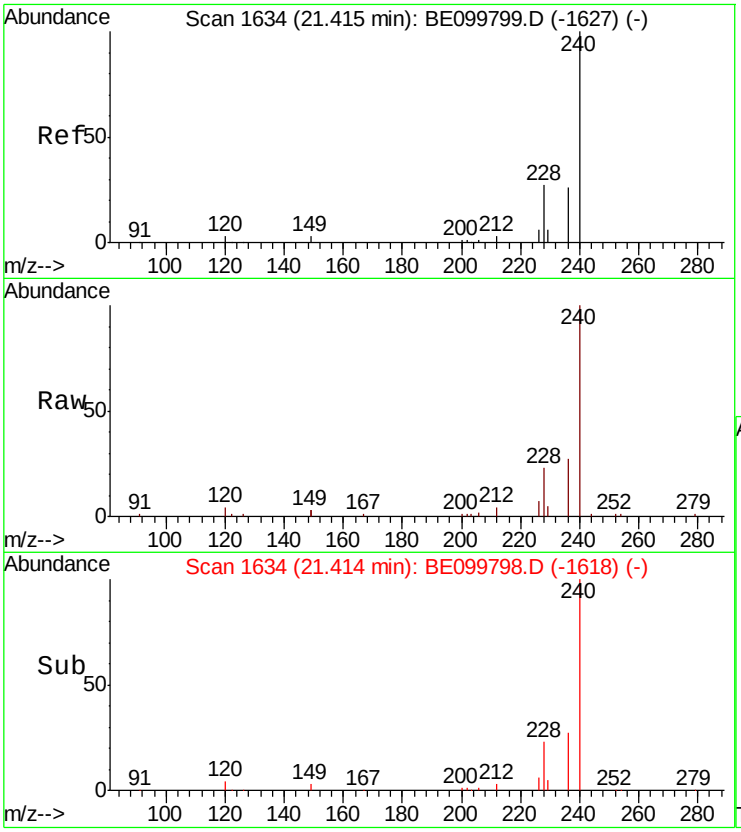


#26
Fluoranthene
Concen: 0.212 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:202 Resp: 8140

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.2	7.8
203	16.7	13.6	20.4



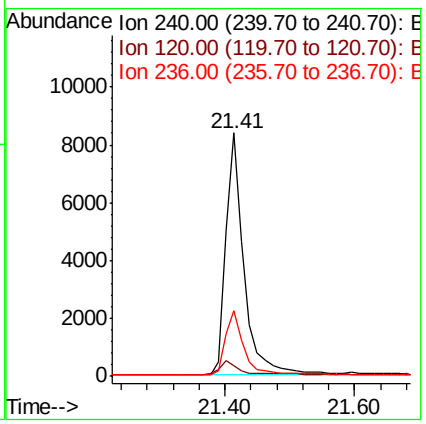


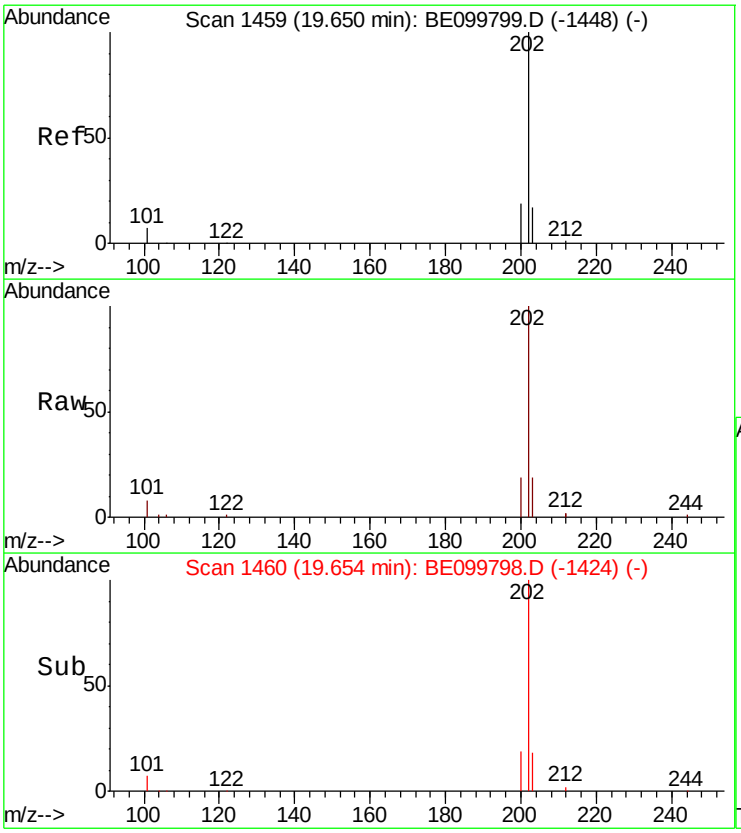
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 16485

Ion	Ratio	Lower	Upper
240	100		
120	4.4	2.8	4.2#
236	27.0	20.9	31.3

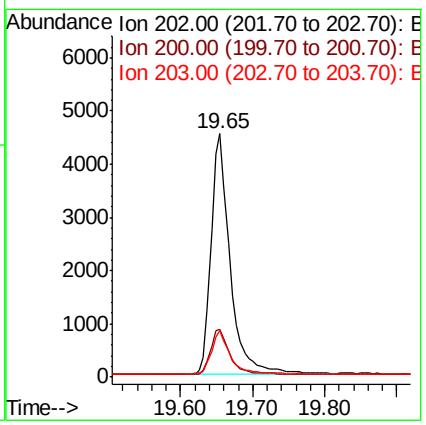


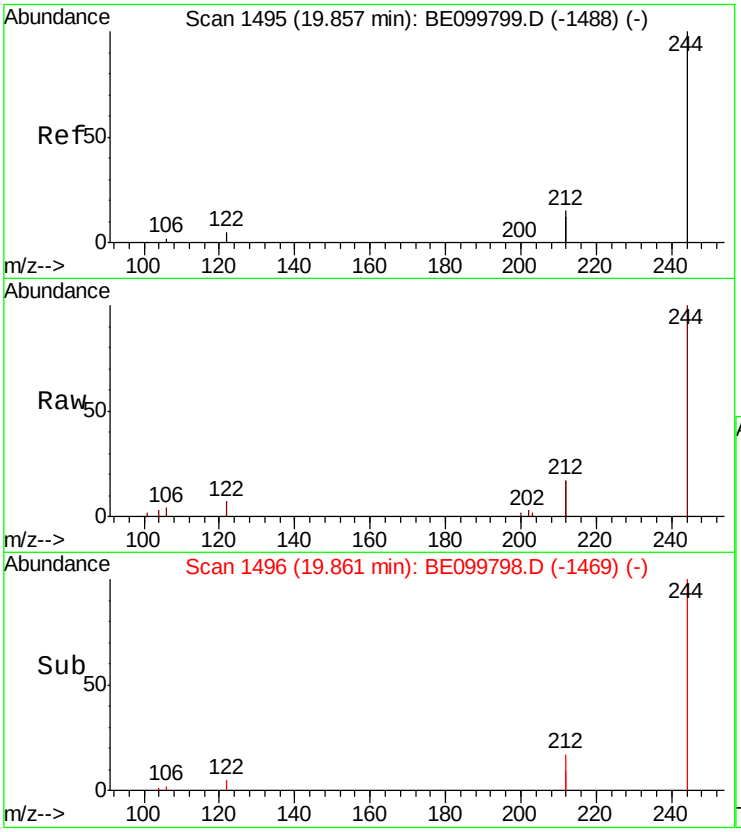


#28
Pyrene
Concen: 0.200 ng
RT: 19.65 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:202 Resp: 8301

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.6	23.4
203	17.8	14.1	21.1



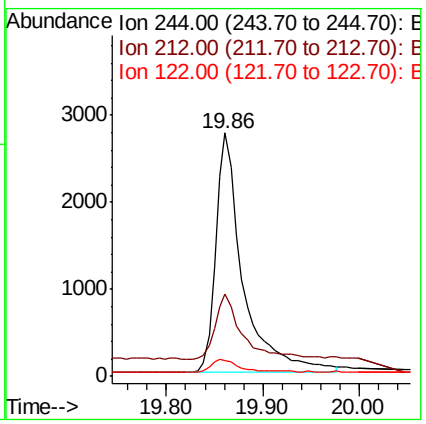


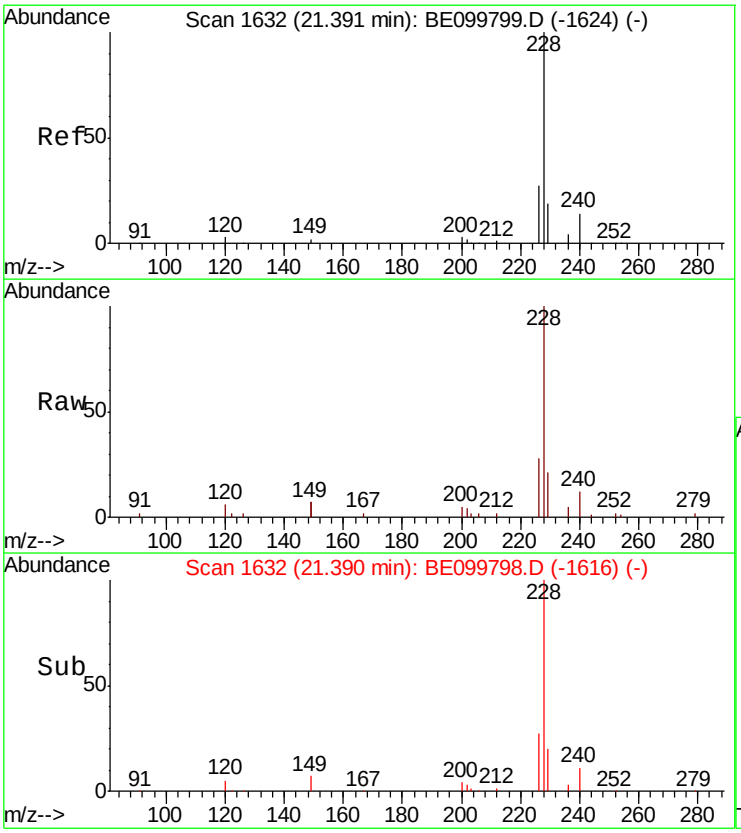
#29
Terphenyl-d14
Concen: 0.183 ng
RT: 19.86 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 5393

Ion	Ratio	Lower	Upper
244	100		
212	33.7	23.7	35.5
122	6.6	4.8	7.2

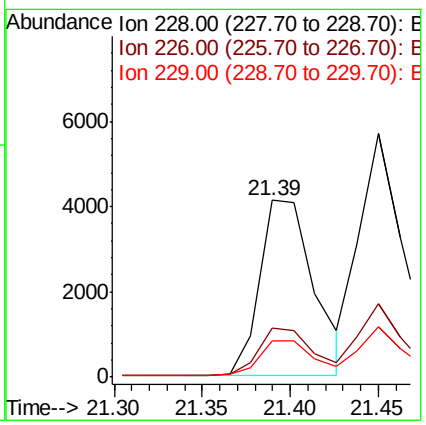


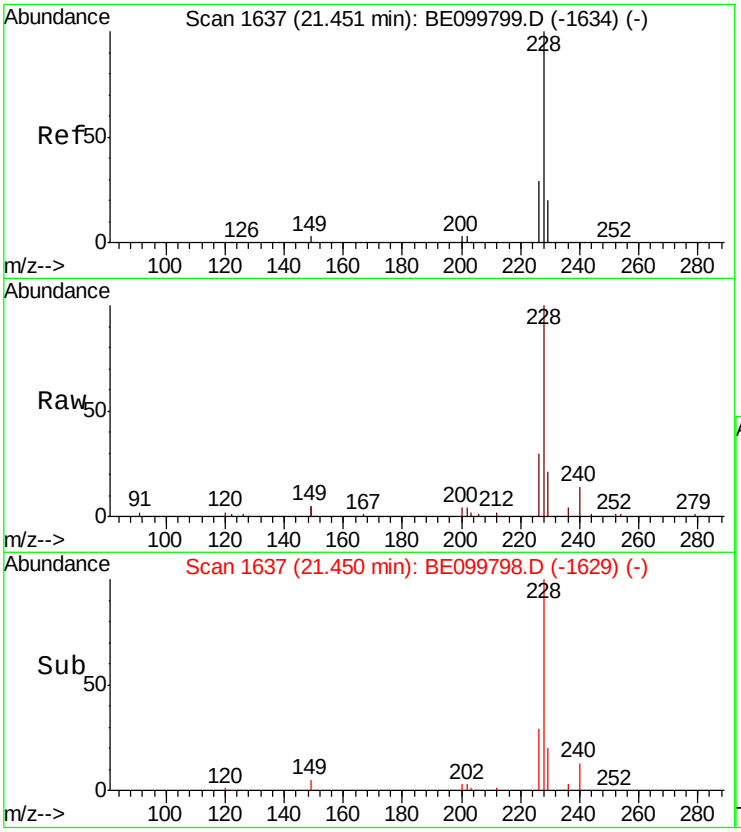


#30
Benzo(a)anthracene
Concen: 0.187 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:228 Resp: 8747

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.6	32.4
229	20.7	15.8	23.6



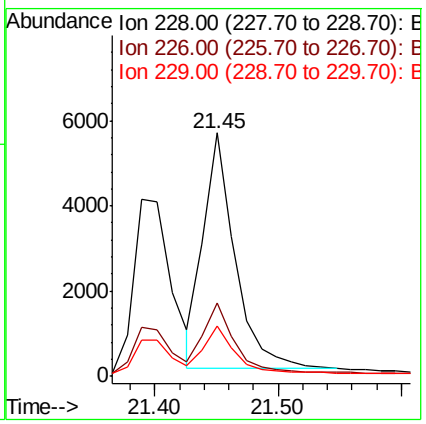


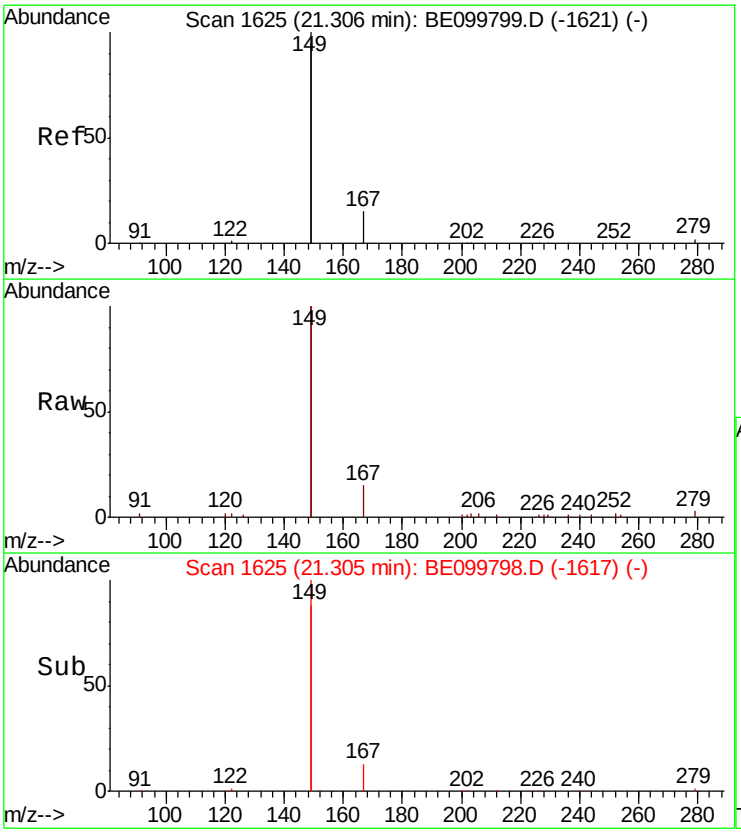
#31
Chrysene
Concen: 0.198 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 9906

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.9	34.3
229	20.9	16.4	24.6

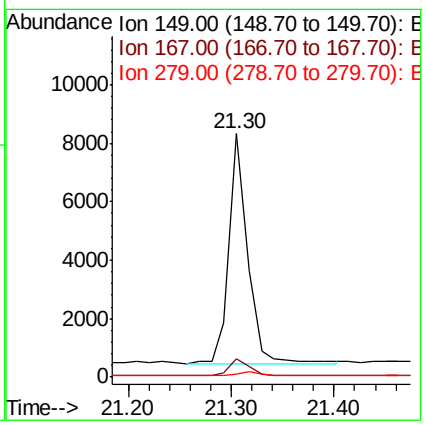


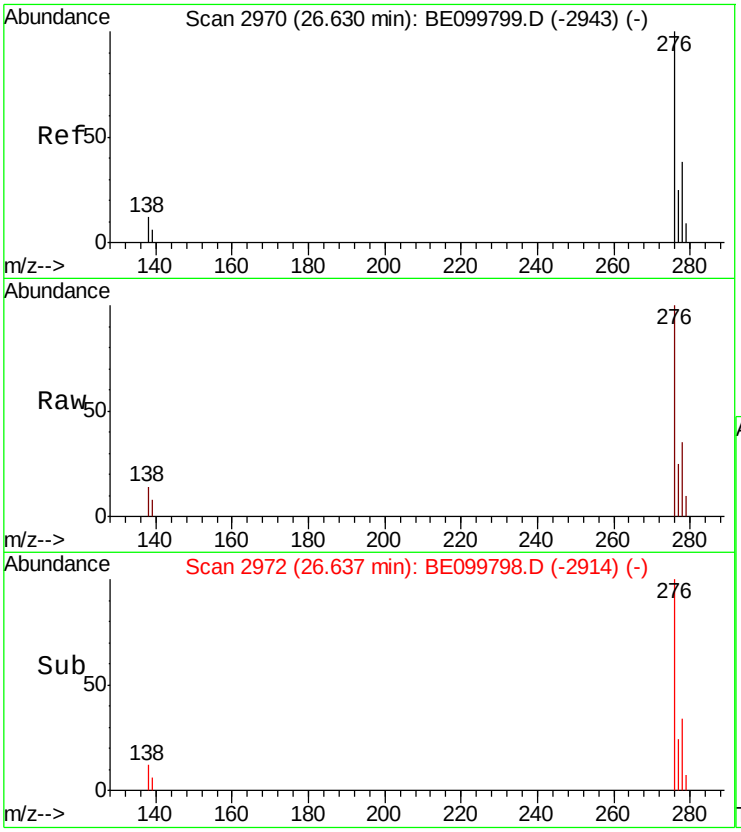


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.182 ng
RT: 21.30 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:149 Resp: 9815

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.6	1.2	1.8



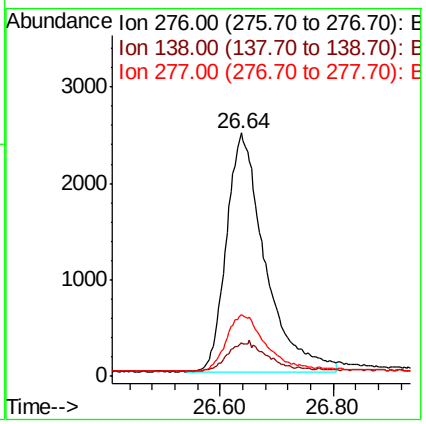


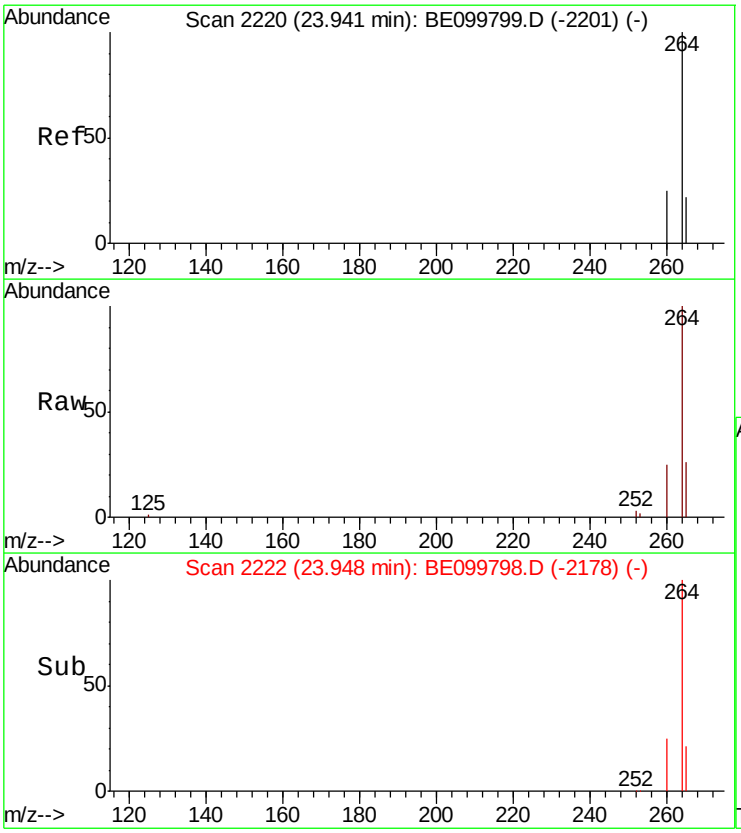
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng
RT: 26.64 min Scan# 2972
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 11685

Ion	Ratio	Lower	Upper
276	100		
138	5.2	10.3	15.5#
277	23.8	19.4	29.2

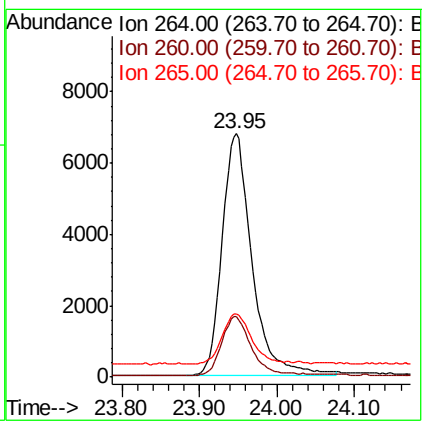


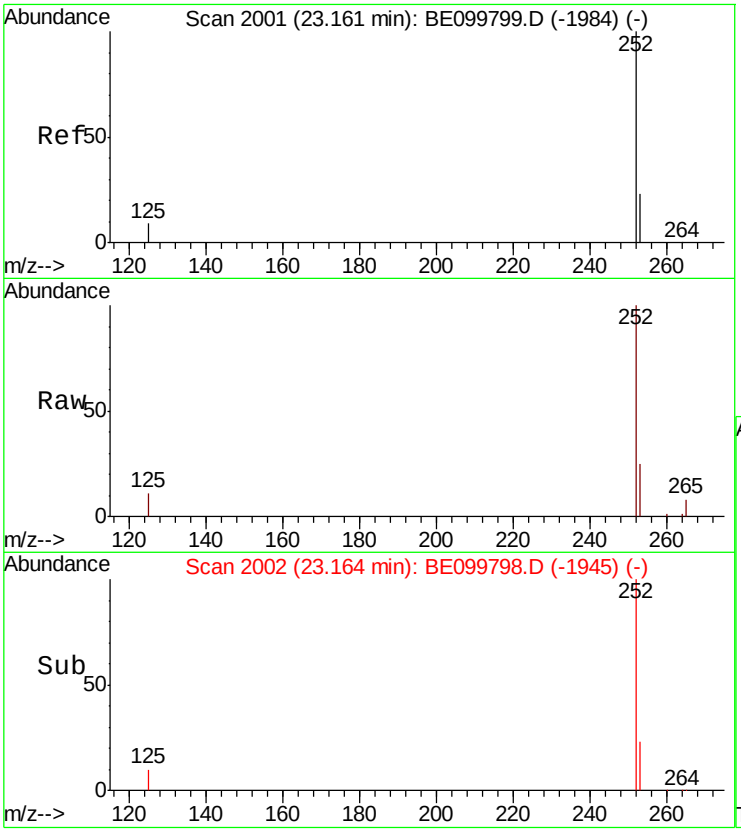


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:264 Resp: 18095

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	25.9	20.7	31.1



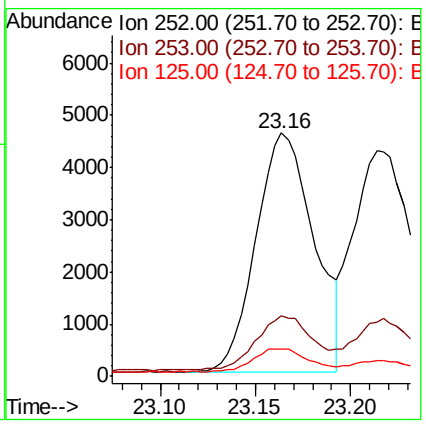


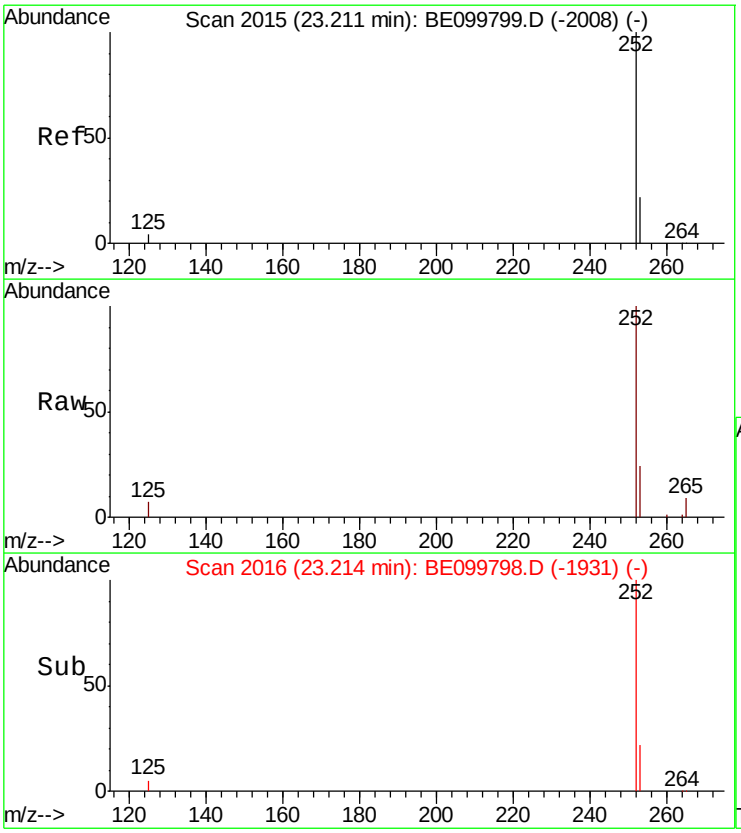
#35
Benzo(b)fluoranthene
Concen: 0.196 ng
RT: 23.16 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 9706

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	11.5	7.6	11.4#

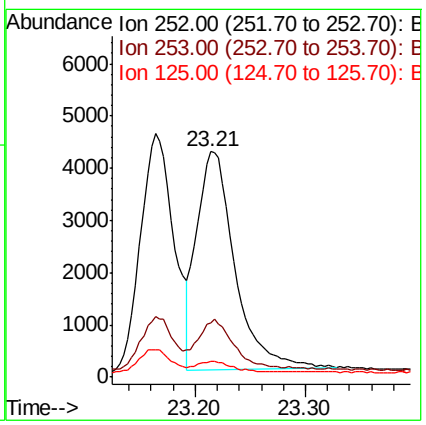


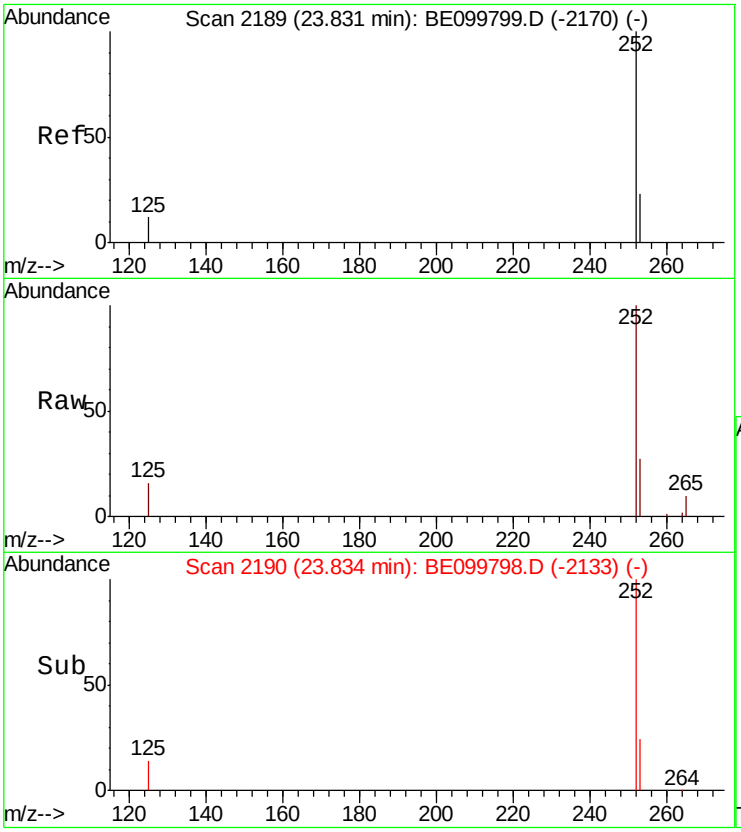


#36
Benzo(k)fluoranthene
Concen: 0.196 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:252 Resp: 10120

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	7.1	4.6	7.0#



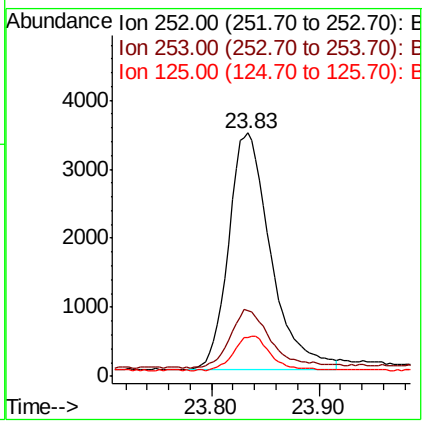


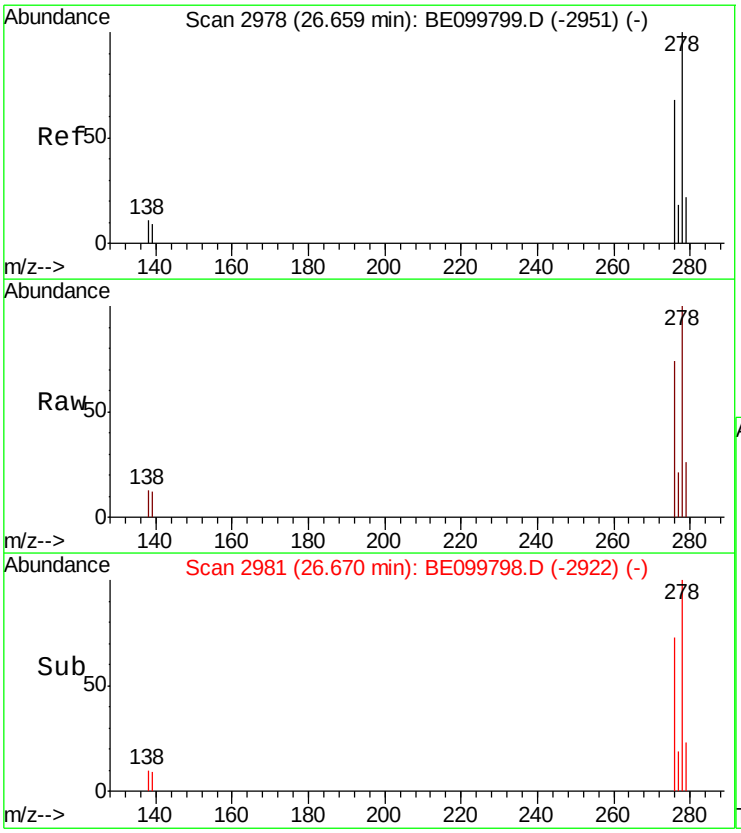
#37
Benzo(a)pyrene
Concen: 0.195 ng
RT: 23.83 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 9293

Ion	Ratio	Lower	Upper
252	100		
253	27.0	19.3	28.9
125	16.1	10.2	15.4#

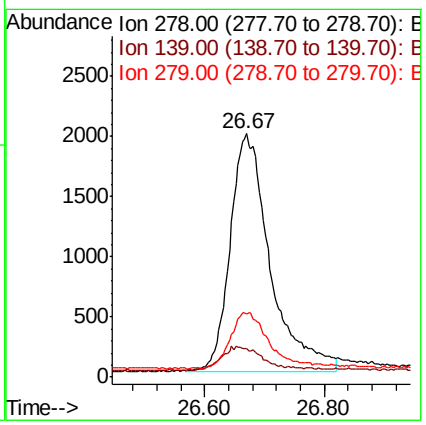


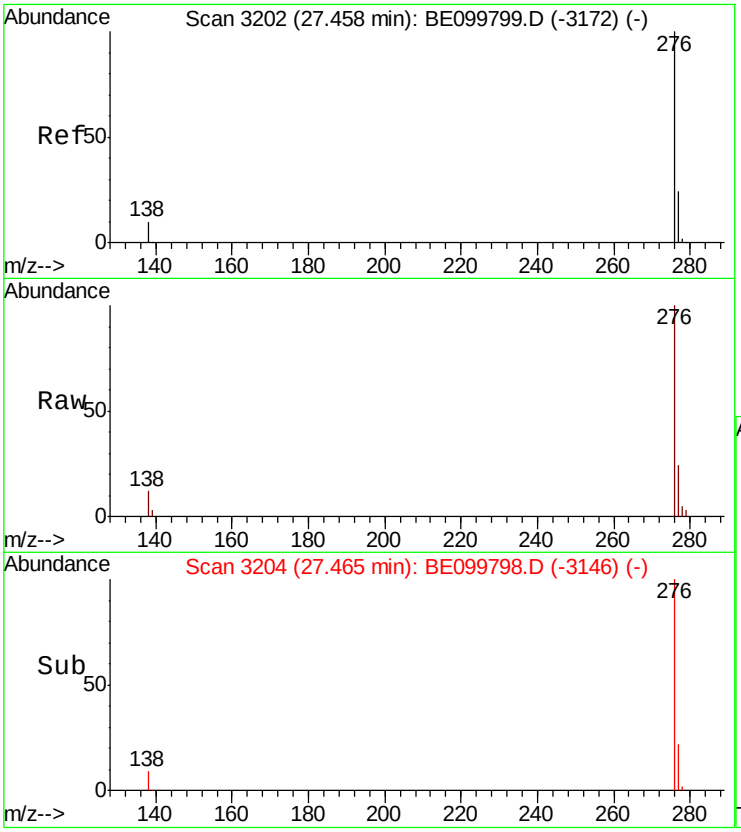


#38
Dibenzo(a,h)anthracene
Concen: 0.183 ng
RT: 26.67 min Scan# 2981
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:278 Resp: 9147

Ion	Ratio	Lower	Upper
278	100		
139	11.6	7.9	11.9
279	26.2	18.5	27.7





#39
Benzo(g,h,i)perylene
Concen: 0.195 ng
RT: 27.46 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 9869

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	11.9	9.0	13.4