Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
Data File : BE099853.D
Acq On : 7 Jun 2019 15:25
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE060719

Quant Time: Jun 07 18:35:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	701	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	2518	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	1845	0.40	ng		0.01
19) Phenanthrene-d10	17.23	188	6177	0.40	ng		0.00
27) Chrysene-d12	21.41	240	11360	0.40	ng		0.00
34) Perylene-d12	23.94	264	12376	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	894	0.38	ng		0.01
5) Phenol-d6	6.97	99	1115	0.39	ng		0.01
8) Nitrobenzene-d5	8.98	82	987	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	1843	0.40	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	711	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	2752	0.41	ng		0.00
25) Fluoranthene-d10	19.26	212	38246	0.40	ng		0.00
29) Terphenyl-d14	19.86	244	7998	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	390	0.395	ng		100
3) n-Nitrosodimethylamine	3.61	42	258	0.386	ng	#	96
6) bis(2-Chloroethyl)ether	7.23	93	833	0.392	ng		85
9) Naphthalene	10.67	128	10820	0.395	ng		100
10) Hexachlorobutadiene	10.94	225	815	0.405	ng		98
12) 2-Methylnaphthalene	12.30	142	1723	0.370	ng		99
16) Acenaphthylene	14.20	152	3608	0.395	ng		99
17) Acenaphthene	14.54	154	1978	0.395	ng		99
18) Fluorene	15.53	166	3058	0.399	ng		100
20) 4-Bromophenyl-phenylether	16.42	248	1391	0.393	ng	#	81
21) Hexachlorobenzene	16.53	284	1345	0.390	ng		96
22) Pentachlorophenol	16.91	266	365	0.518	ng		93
23) Phenanthrene	17.27	178	5992	0.391	ng		99
24) Anthracene	17.36	178	5600	0.381	ng		99
26) Fluoranthene	19.29	202	10823	0.400	ng		100
28) Pyrene	19.65	202	11558	0.384	ng		100
30) Benzo(a)anthracene	21.39	228	14849	0.411	ng		98
31) Chrysene	21.45	228	13489	0.381	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	24062	0.409	ng		100
33) Indeno(1,2,3-cd)pyrene	26.63	276	17096	0.396	ng		99
35) Benzo(b)fluoranthene	23.21	252	13690	0.398	ng		97
36) Benzo(k)fluoranthene	23.21	252	13690	0.398	ng	#	96
37) Benzo(a)pyrene	23.83	252	13731	0.412	ng	#	95
38) Dibenzo(a,h)anthracene	26.66	278	13722	0.402	ng	#	92
39) Benzo(g,h,i)perylene	27.46	276	13991	0.404	ng		97

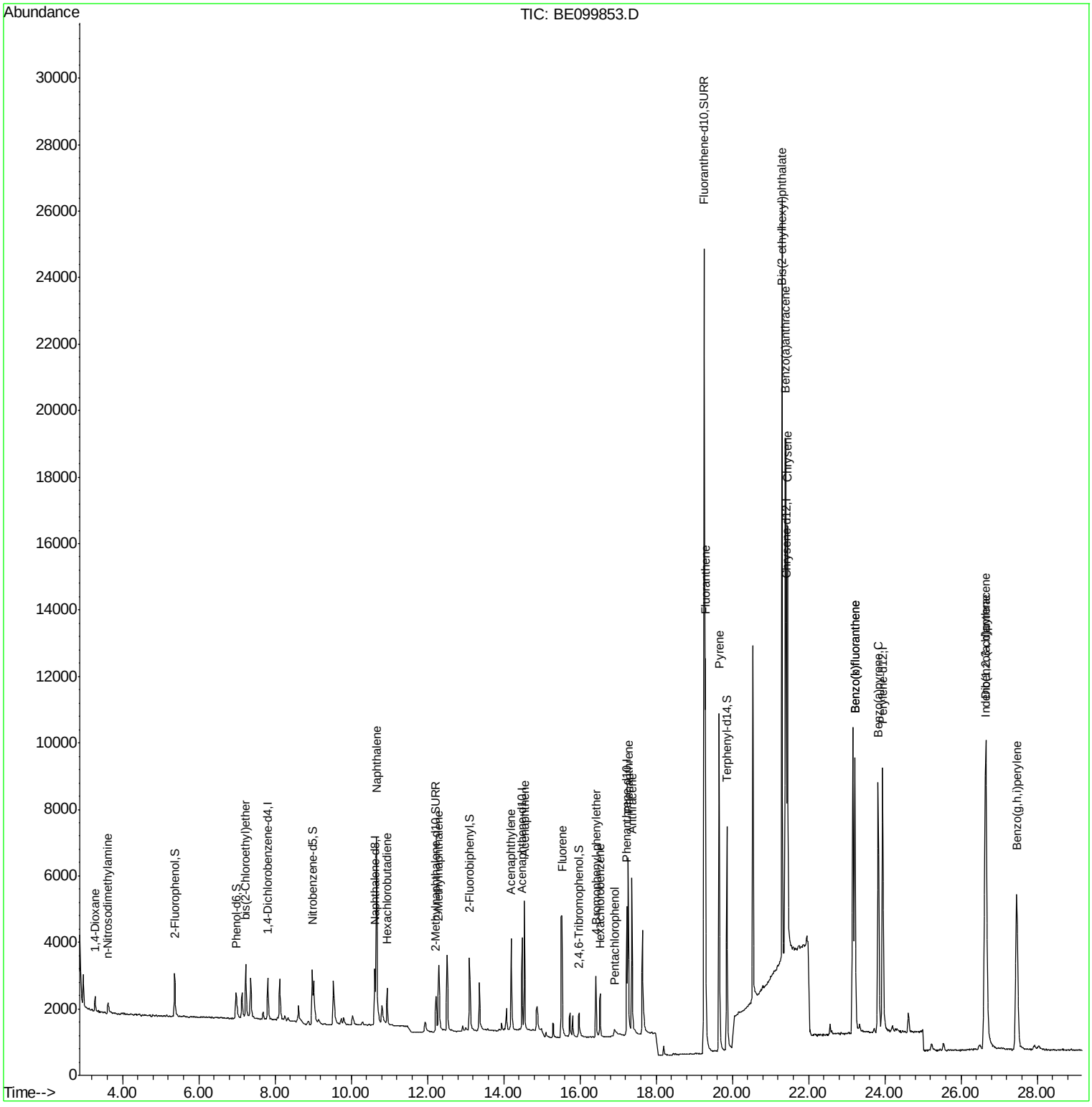
(#) = qualifier out of range (m) = manual integration (+) = signals summed

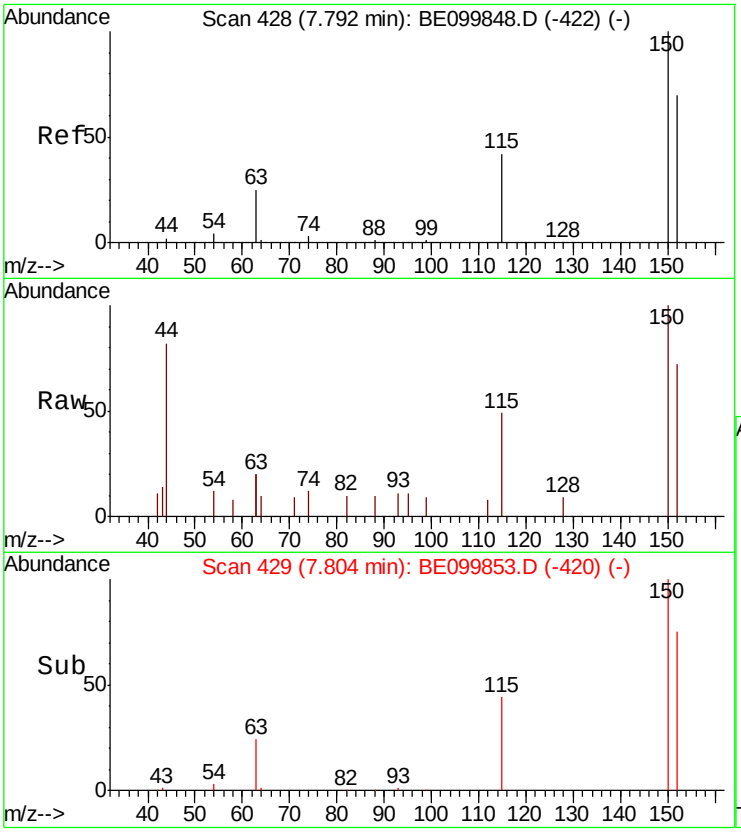
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
Data File : BE099853.D
Acq On : 7 Jun 2019 15:25
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Quant Time: Jun 07 18:35:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration



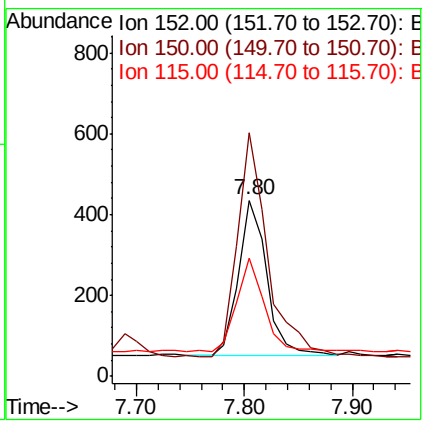


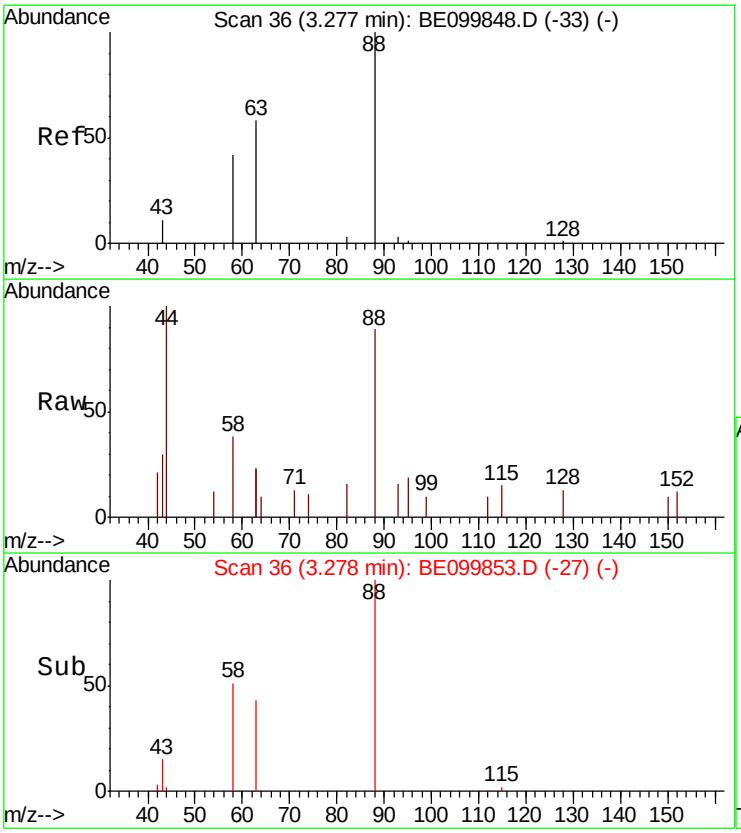
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:152 Resp: 701

Ion	Ratio	Lower	Upper
152	100		
150	138.4	112.8	169.2
115	67.1	47.6	71.4

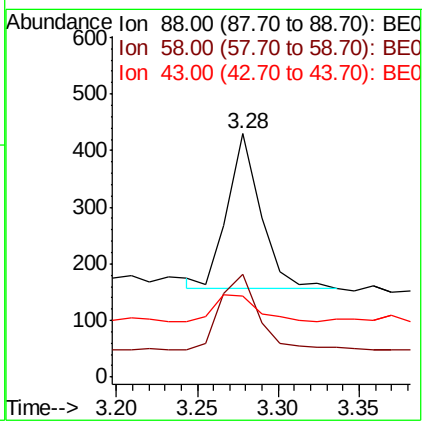


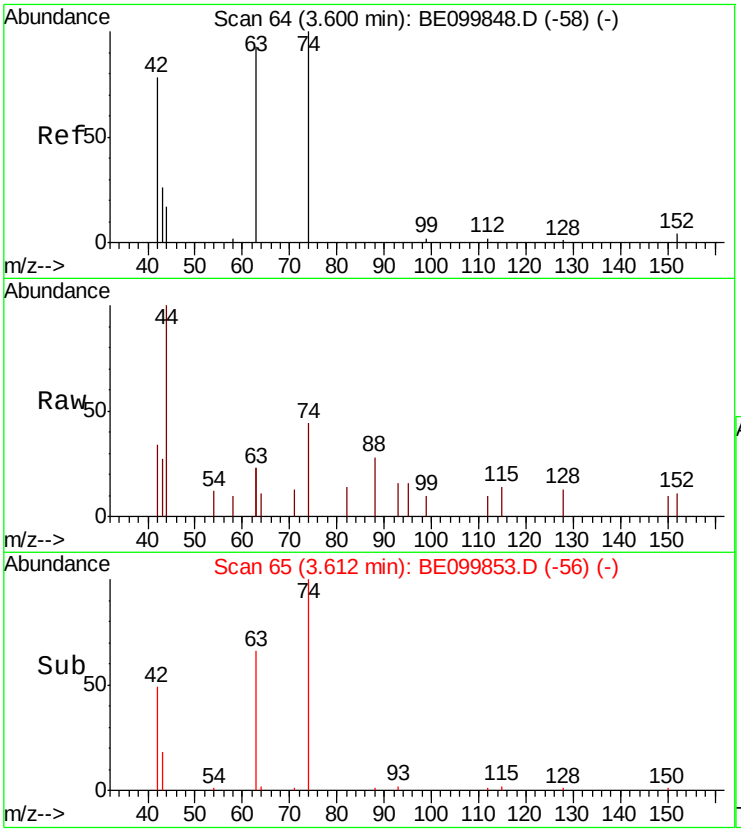


#2
1,4-Dioxane
Concen: 0.395 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion: 88 Resp: 390

Ion	Ratio	Lower	Upper
88	100		
58	59.0	47.3	70.9
43	22.3	18.2	27.4



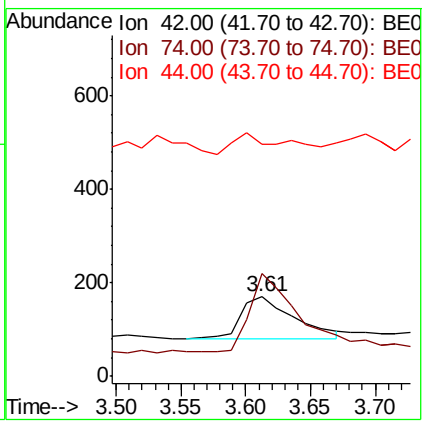


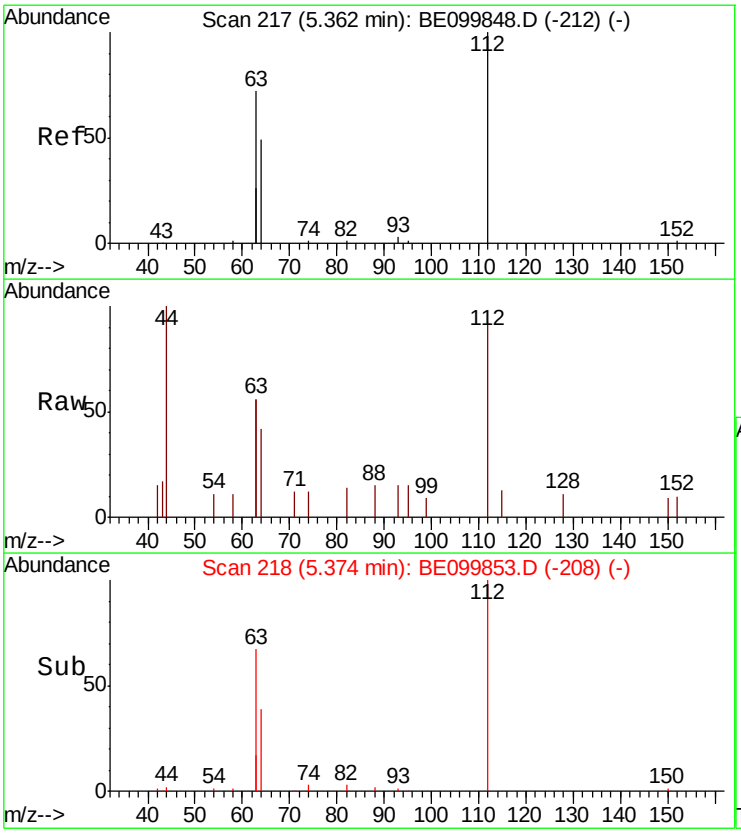
#3
n-Nitrosodimethylamine
Concen: 0.386 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion: 42 Resp: 258

Ion	Ratio	Lower	Upper
42	100		
74	166.7	132.6	198.8
44	31.8	13.4	20.0#

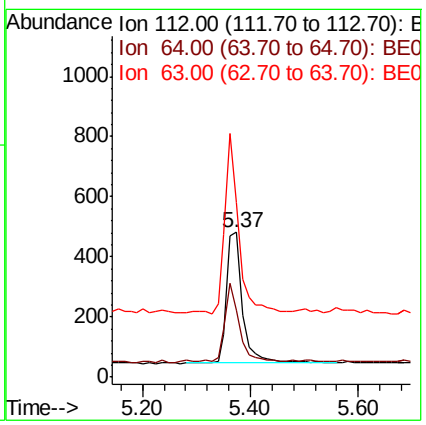


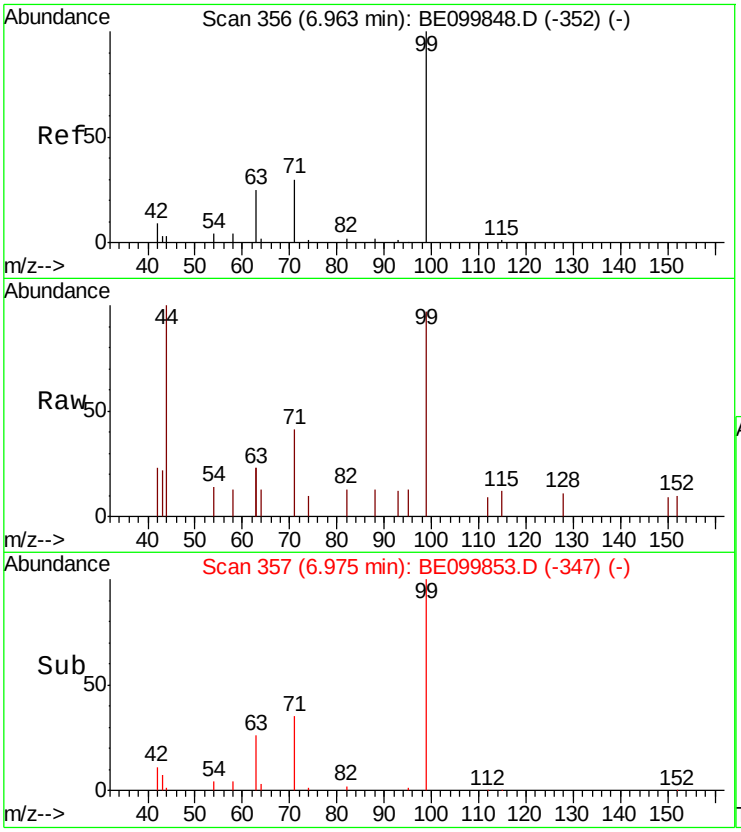


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:112 Resp: 894

Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.2	70.8
63	118.6	90.7	136.1



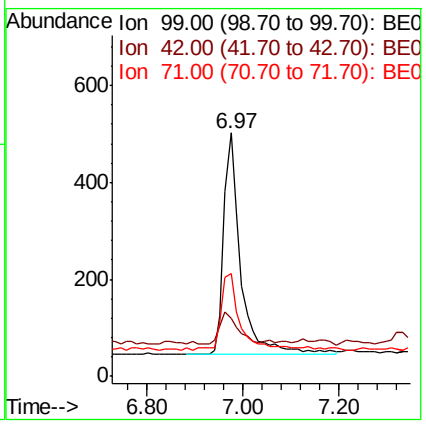


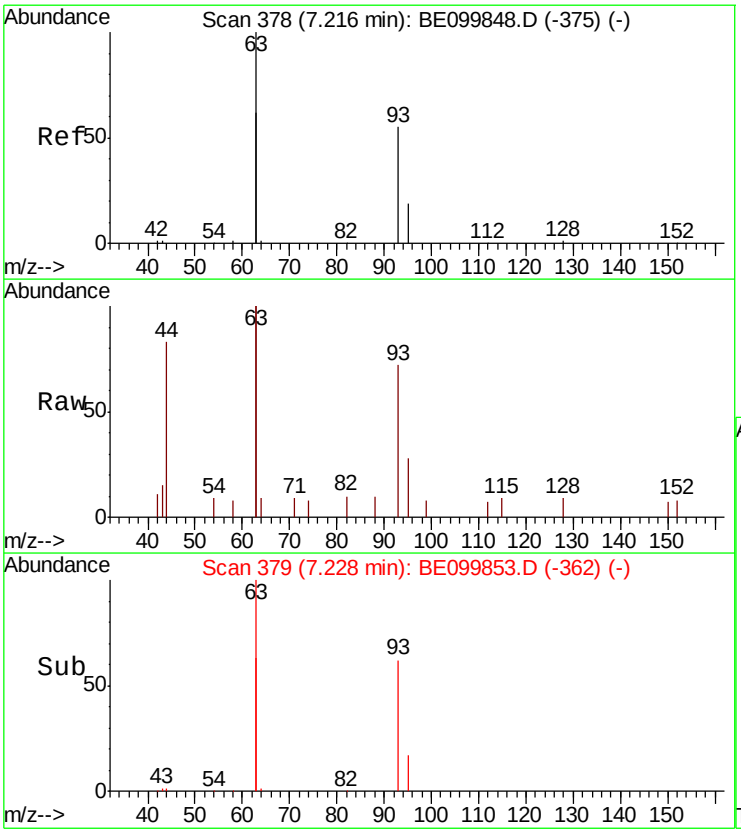
#5
Phenol-d6
Concen: 0.386 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion: 99 Resp: 1115

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.0	16.4
71	38.7	26.1	39.1

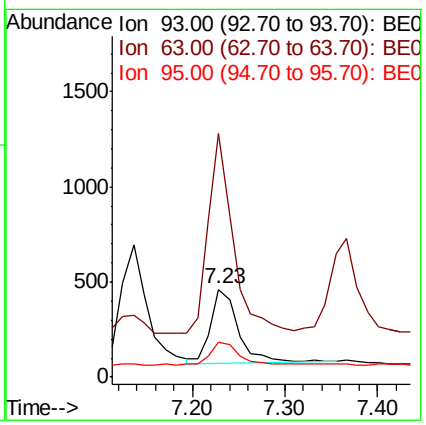


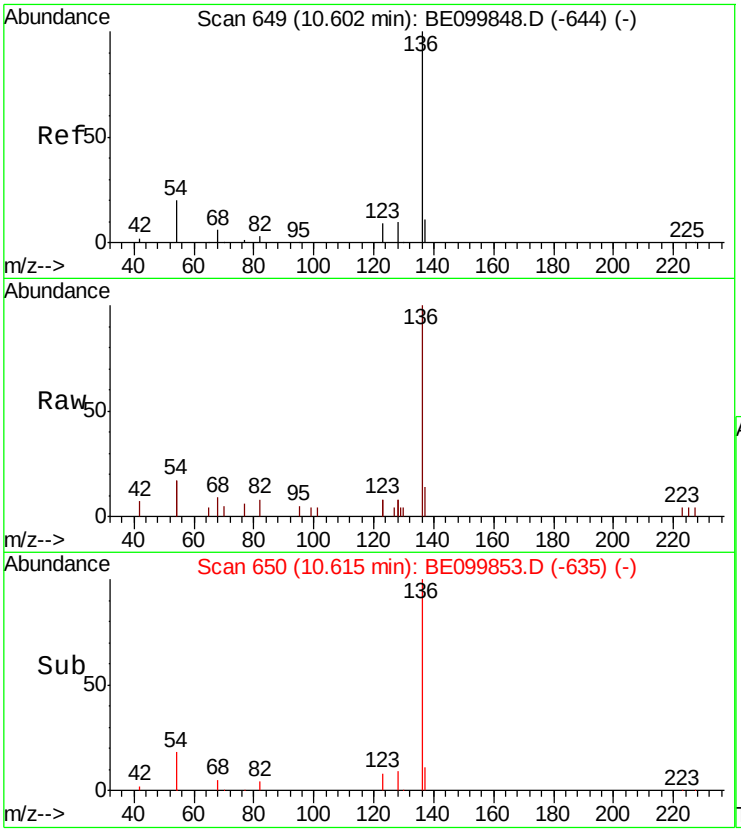


#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion: 93 Resp: 833

Ion	Ratio	Lower	Upper
93	100		
63	231.9	208.8	313.2
95	30.6	27.6	41.4



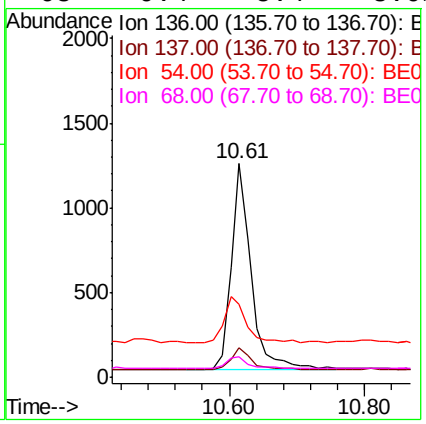


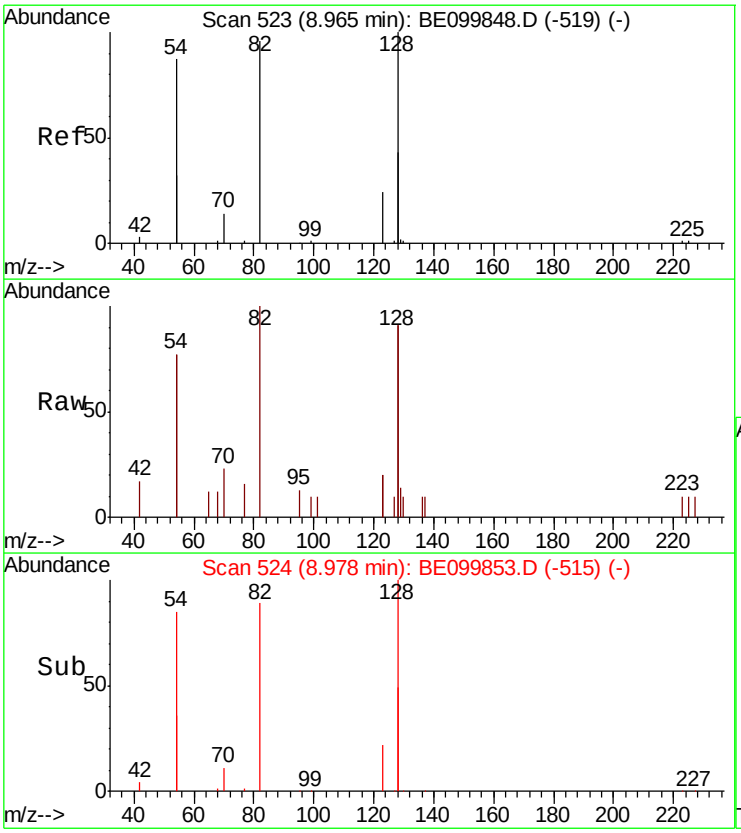
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:136 Resp: 2518

Ion	Ratio	Lower	Upper
136	100		
137	14.0	11.1	16.7
54	33.9	17.9	26.9#
68	9.4	5.4	8.0#

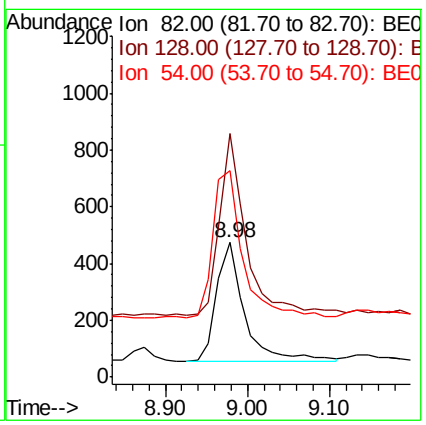


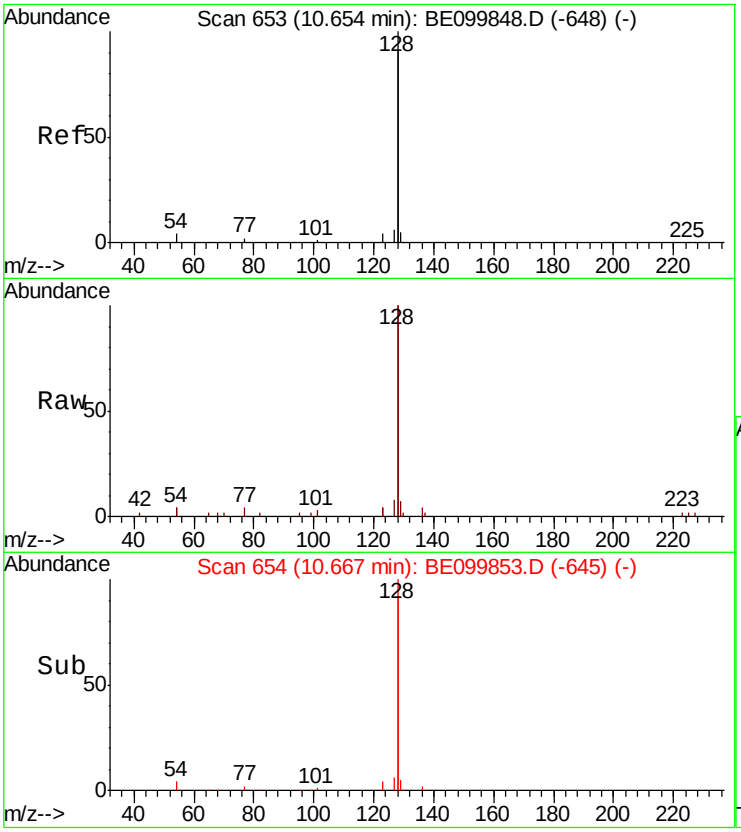


#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion: 82 Resp: 987

Ion	Ratio	Lower	Upper
82	100		
128	181.4	116.6	175.0#
54	153.5	136.2	204.4



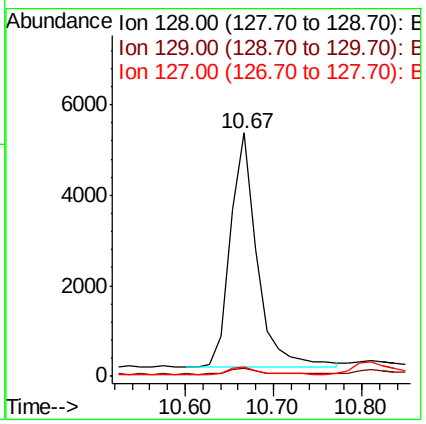


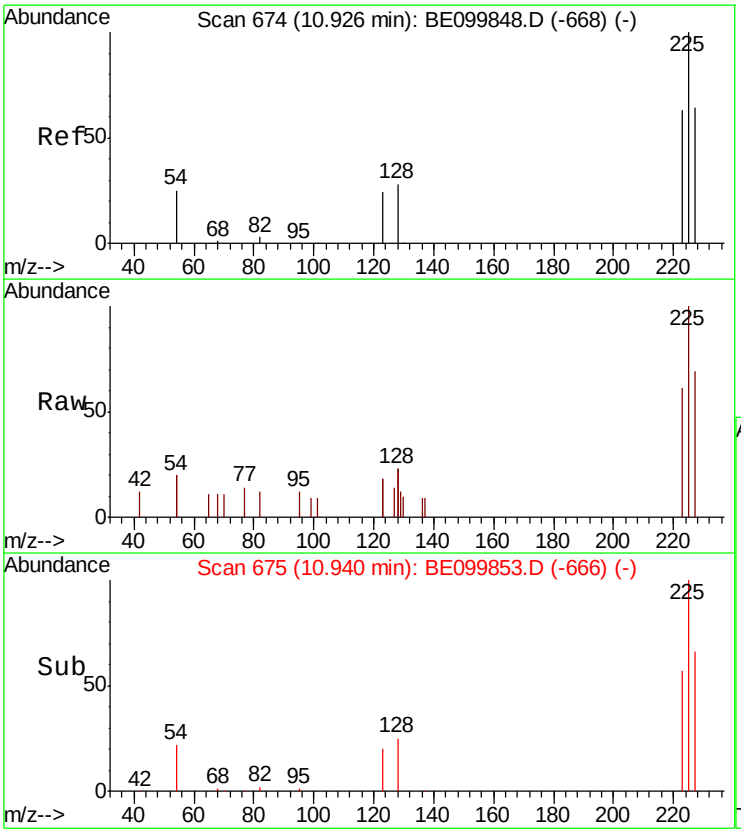
#9
Naphthalene
Concen: 0.395 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:128 Resp: 10820

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	4.0
127	3.9	3.0	4.6

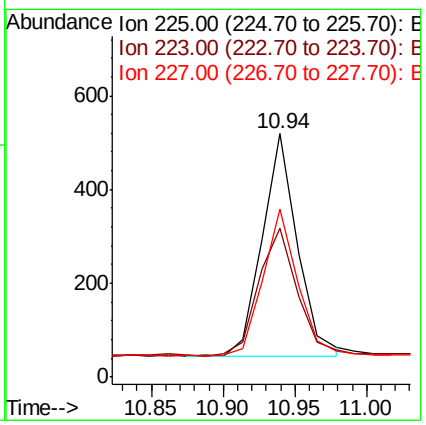


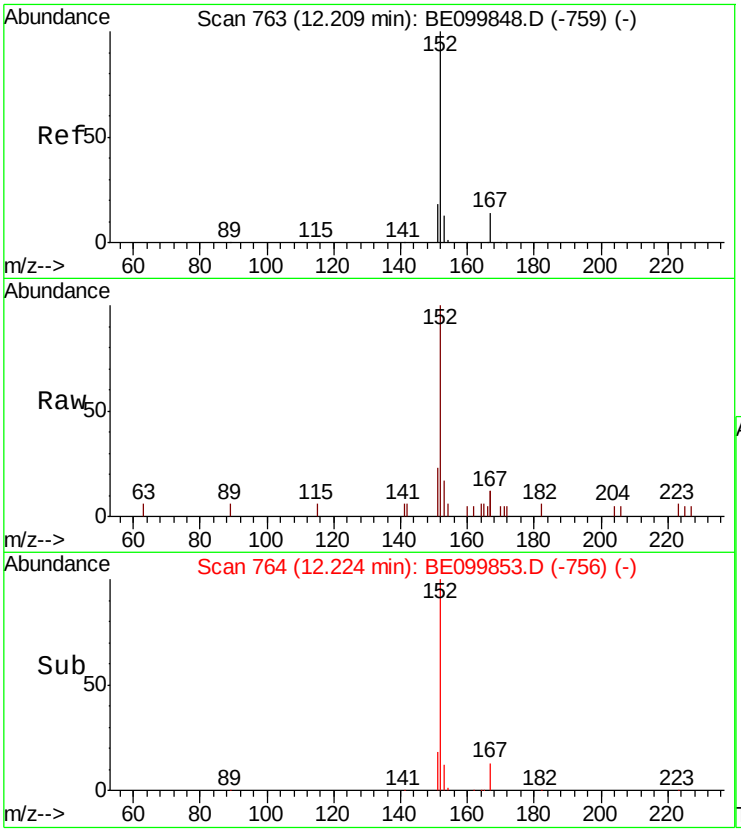


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:225 Resp: 815

Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.6	72.8
227	64.8	51.6	77.4



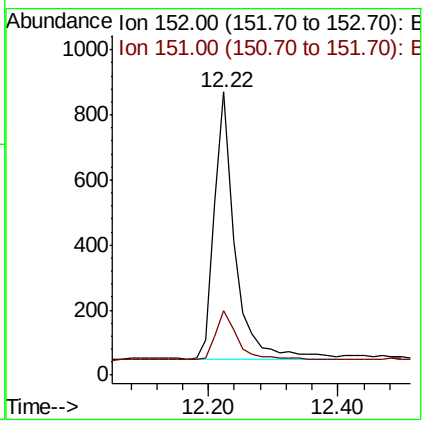


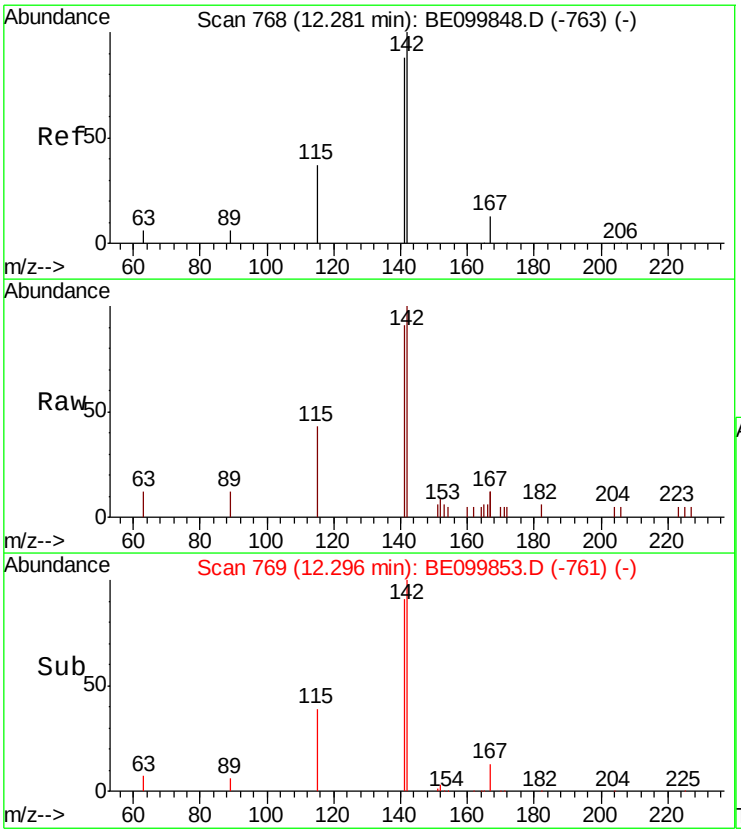
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:152 Resp: 1843

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8

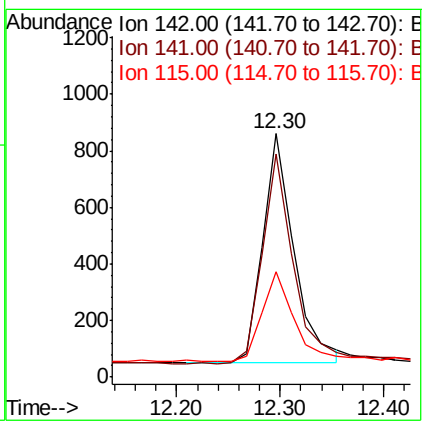


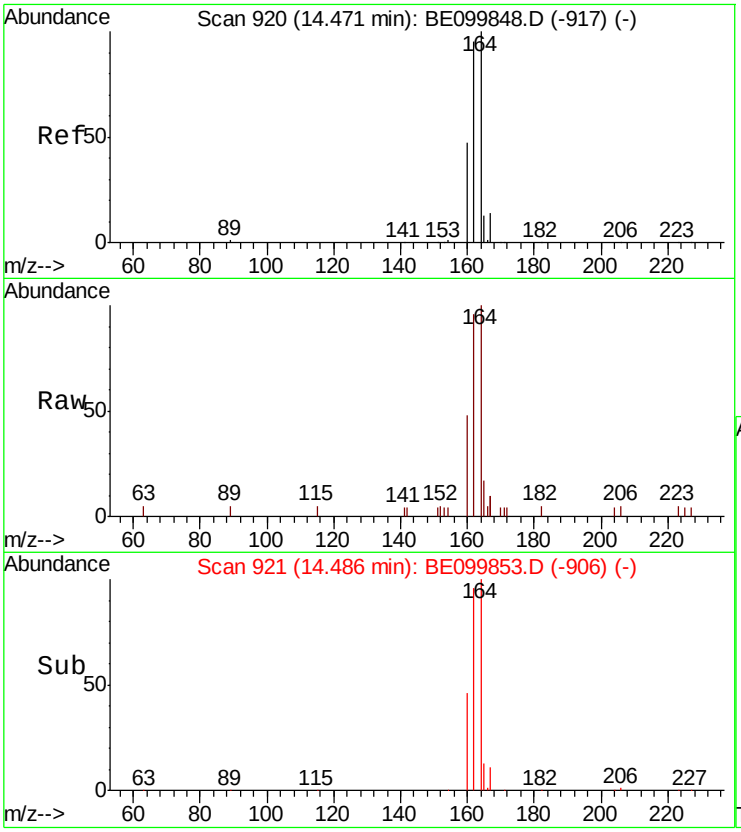


#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:142 Resp: 1723

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.3	109.9
115	43.3	33.4	50.2



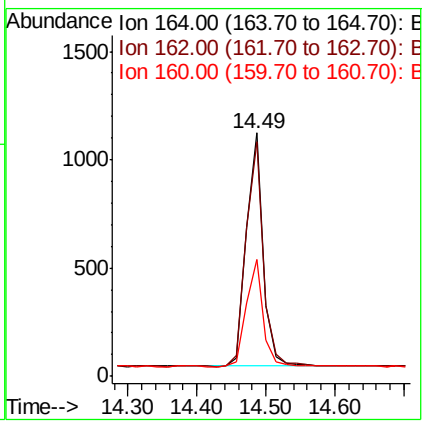


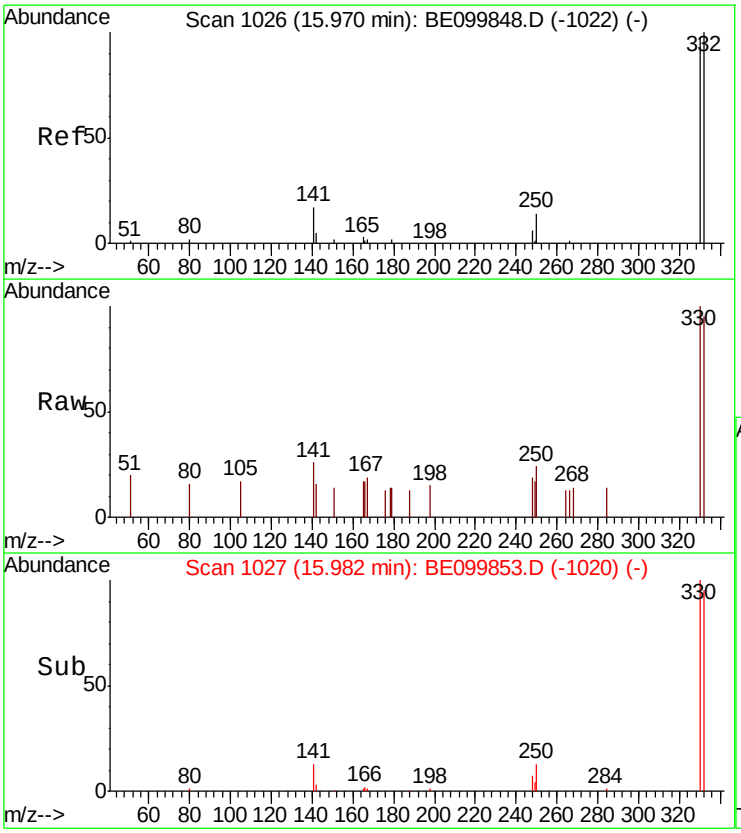
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:164 Resp: 1845

Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.2	115.8
160	48.1	39.4	59.2

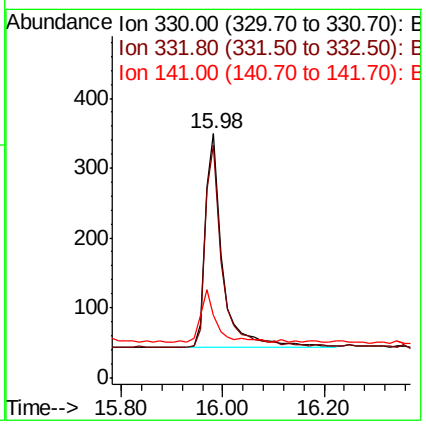


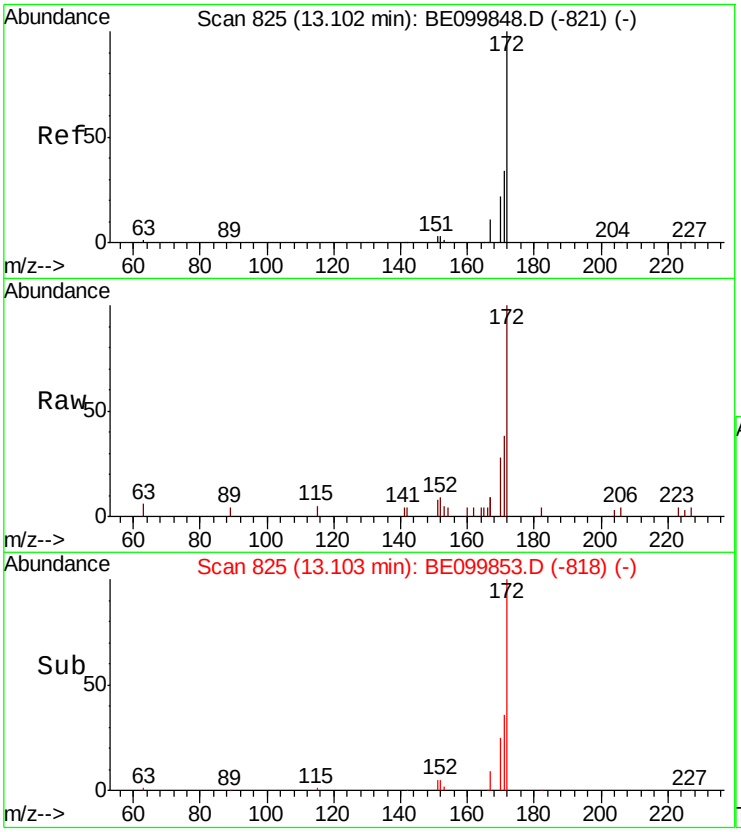


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:330 Resp: 711

Ion	Ratio	Lower	Upper
330	100		
332	95.6	74.9	112.3
141	23.5	16.0	24.0



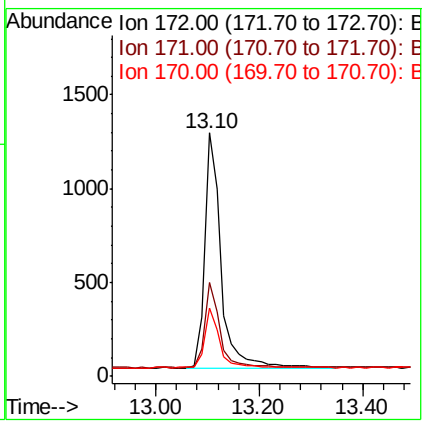


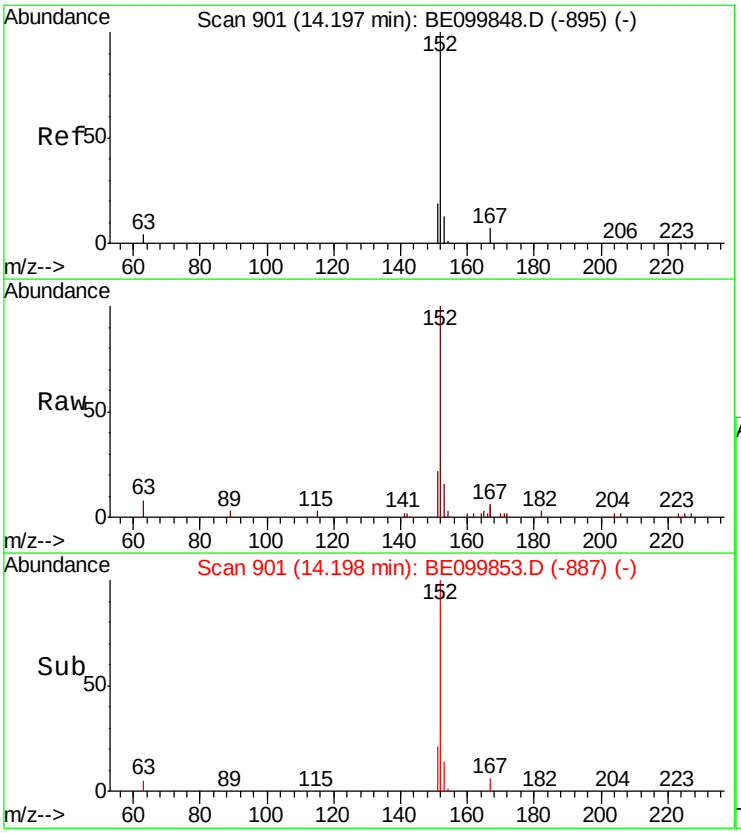
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:172 Resp: 2752

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.2	45.4
170	27.8	20.1	30.1

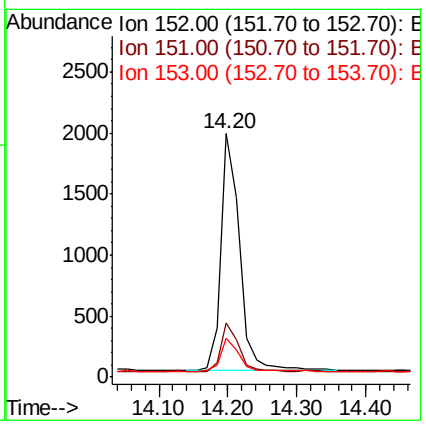


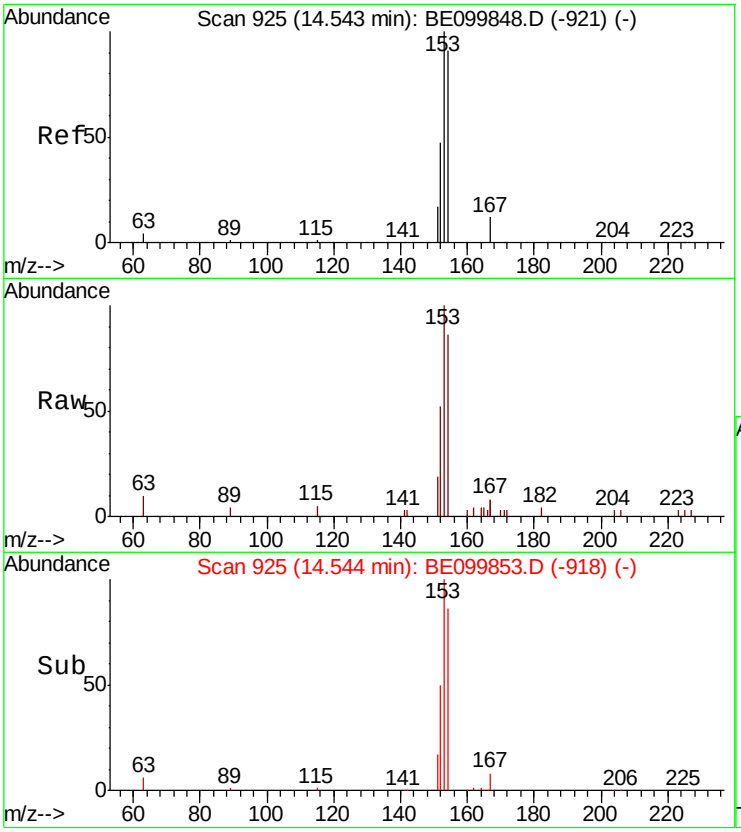


#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:152 Resp: 3608

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.7	10.8	16.2



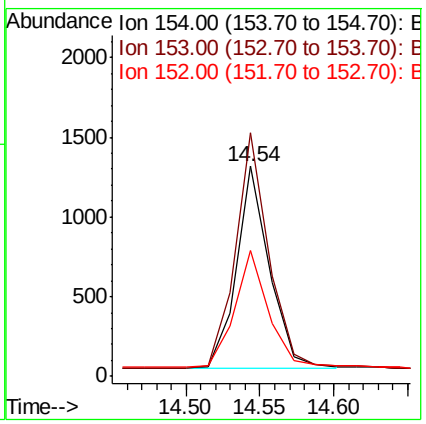


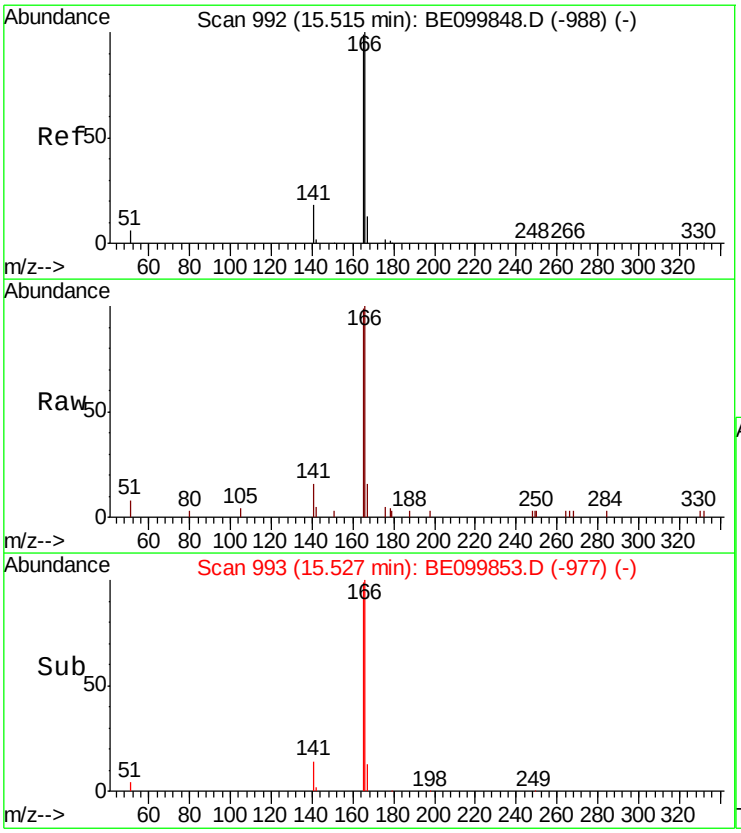
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:154 Resp: 1978

Ion	Ratio	Lower	Upper
154	100		
153	117.7	93.8	140.6
152	58.5	48.3	72.5

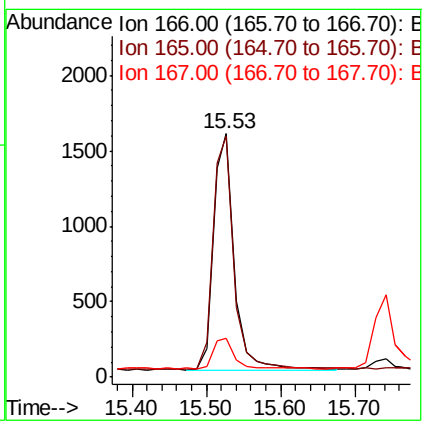


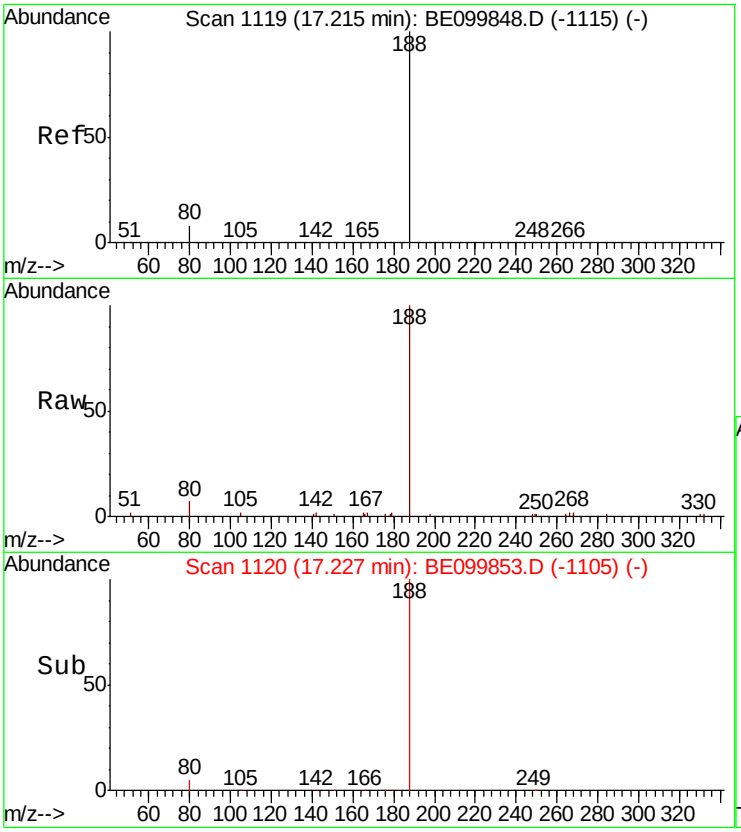


#18
Fluorene
Concen: 0.399 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:166 Resp: 3058

Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.4	120.6
167	13.4	10.7	16.1



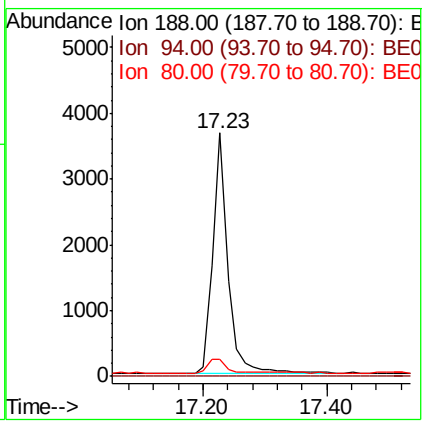


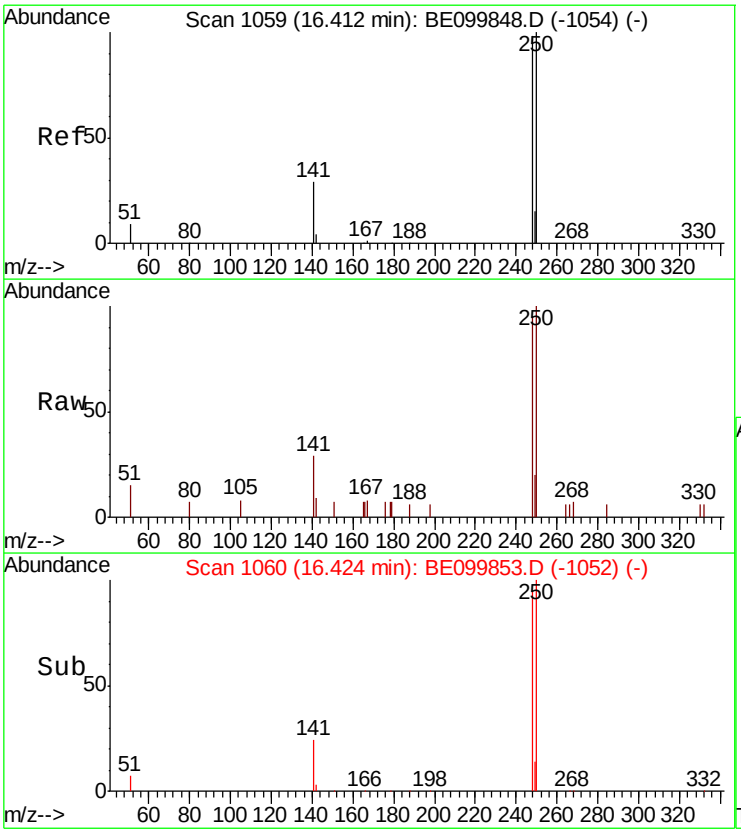
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:188 Resp: 6177

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	5.2	7.8

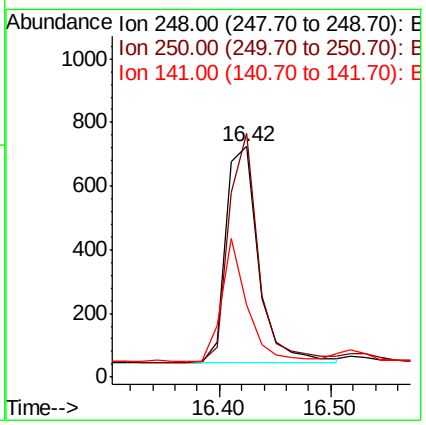


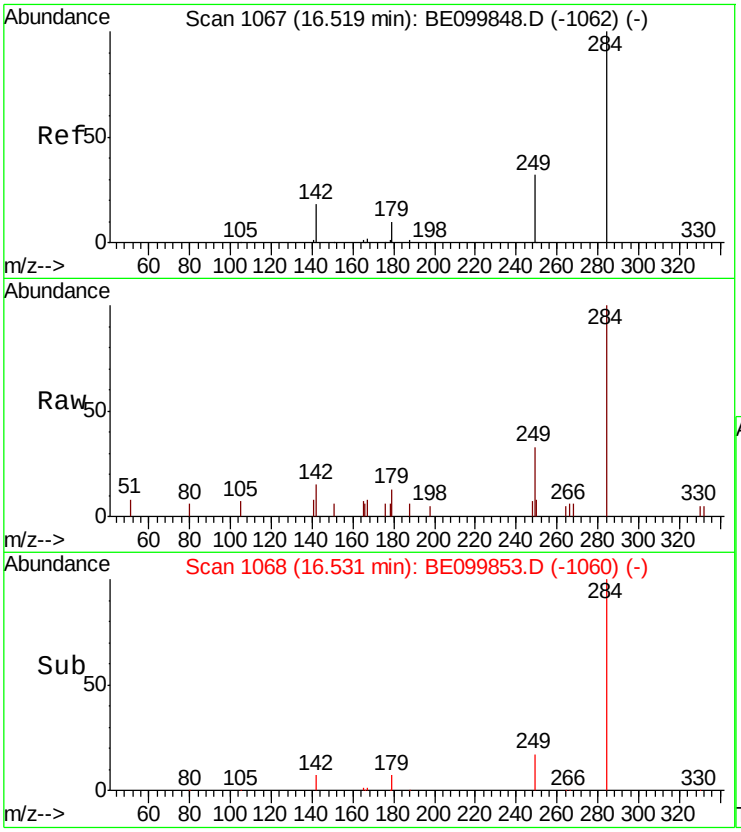


#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:248 Resp: 1391

Ion	Ratio	Lower	Upper
248	100		
250	105.7	73.7	110.5
141	31.1	40.9	61.3#



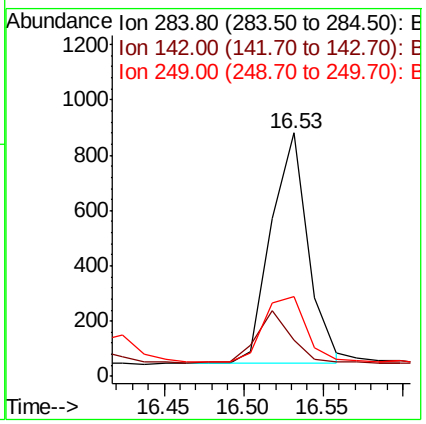


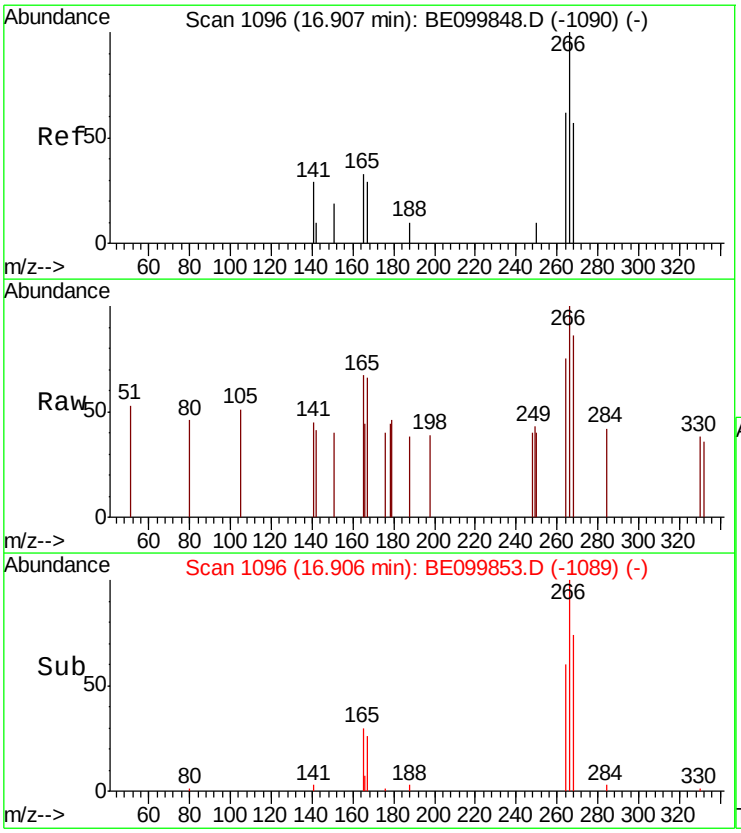
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:284 Resp: 1345

Ion	Ratio	Lower	Upper
284	100		
142	21.0	16.2	24.4
249	32.3	23.1	34.7

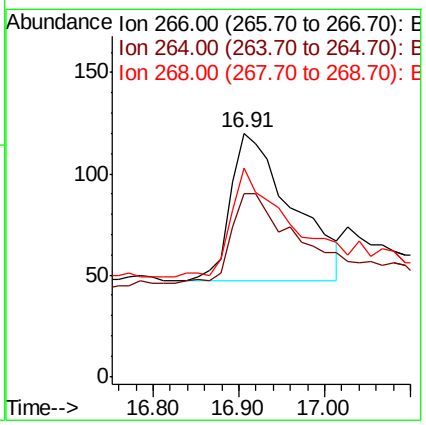


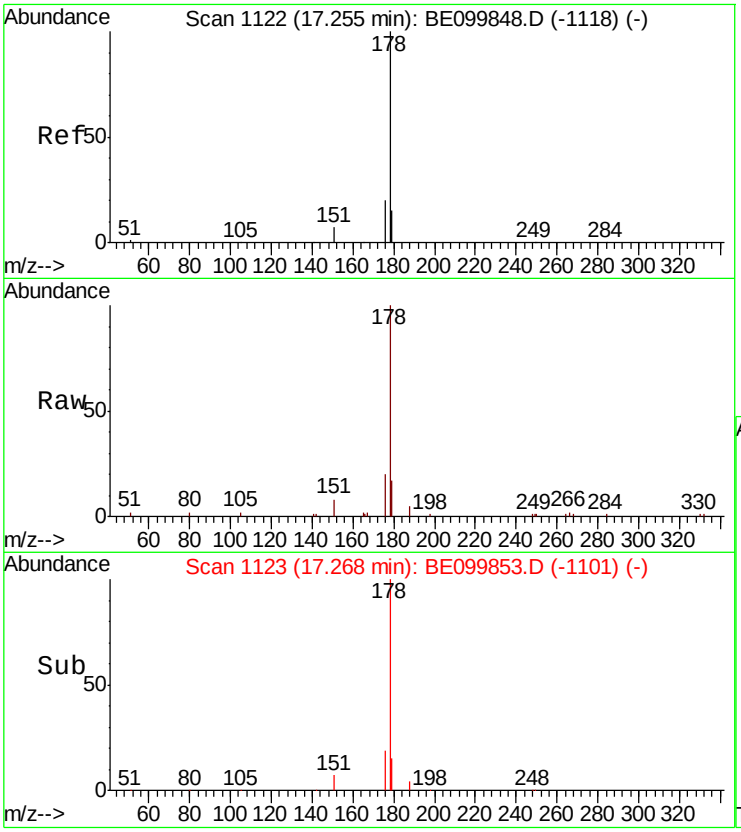


#22
Pentachlorophenol
Concen: 0.518 ng
RT: 16.91 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:266 Resp: 365

Ion	Ratio	Lower	Upper
266	100		
264	75.0	64.9	97.3
268	85.8	64.0	96.0



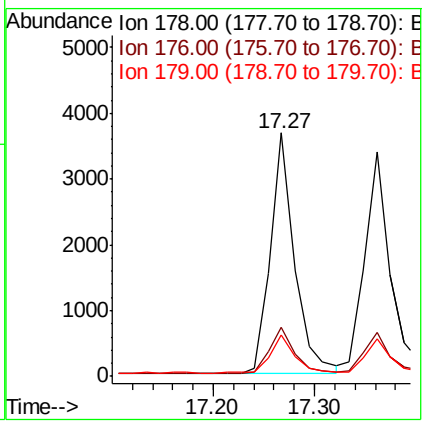


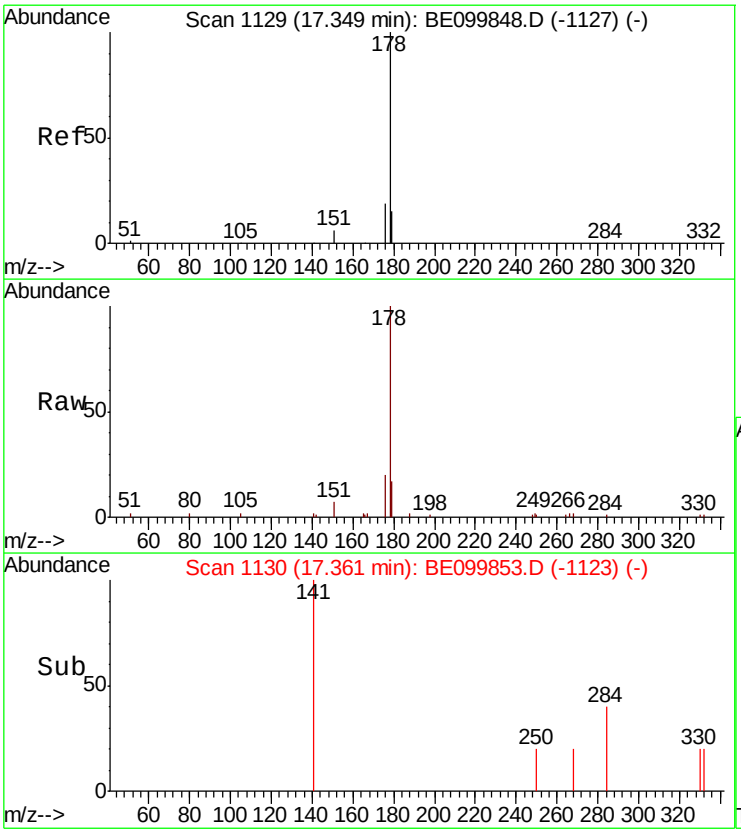
#23
Phenanthrene
Concen: 0.391 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:178 Resp: 5992

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.3	12.5	18.7

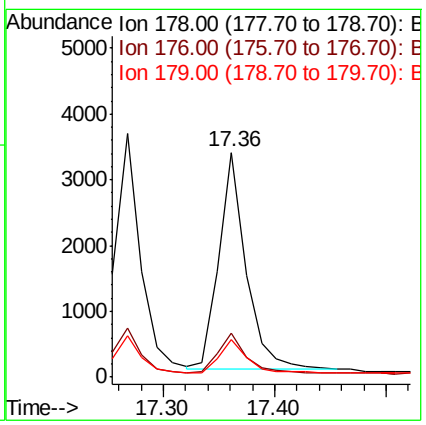


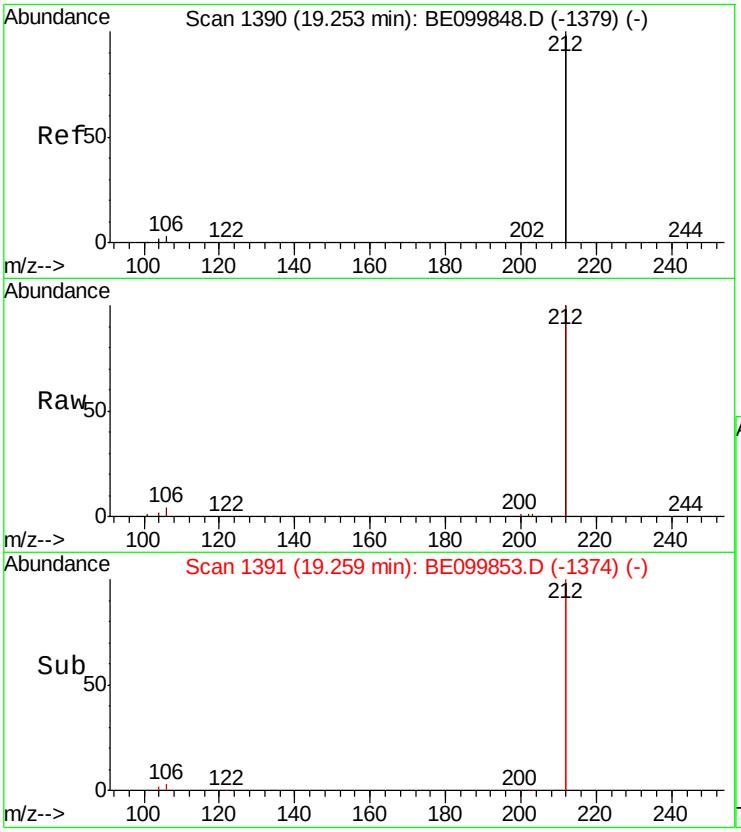


#24
Anthracene
Concen: 0.381 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:178 Resp: 5600

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.7	12.1	18.1



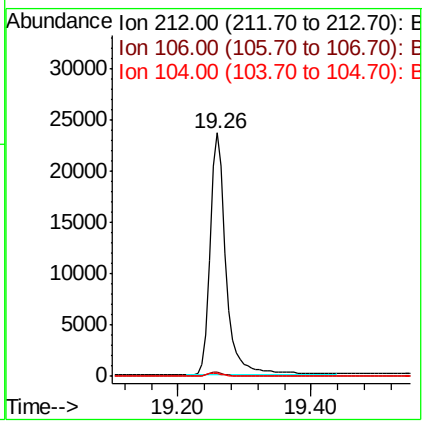


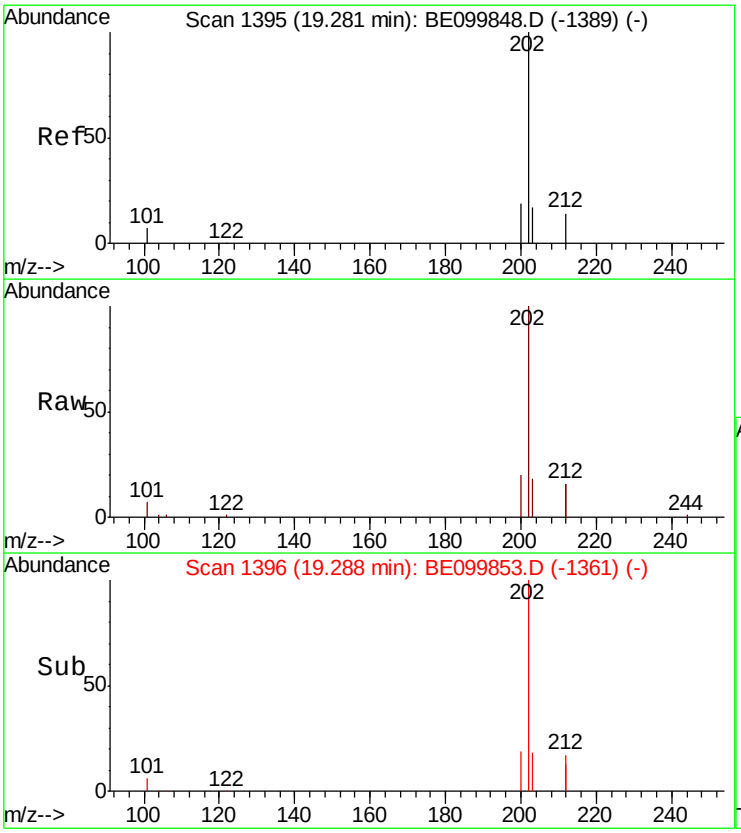
#25
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:212 Resp: 38246

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	1.0	0.8	1.2

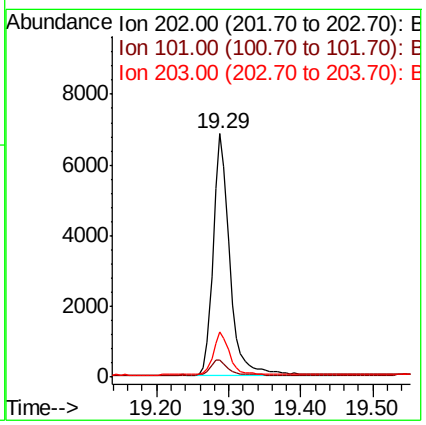


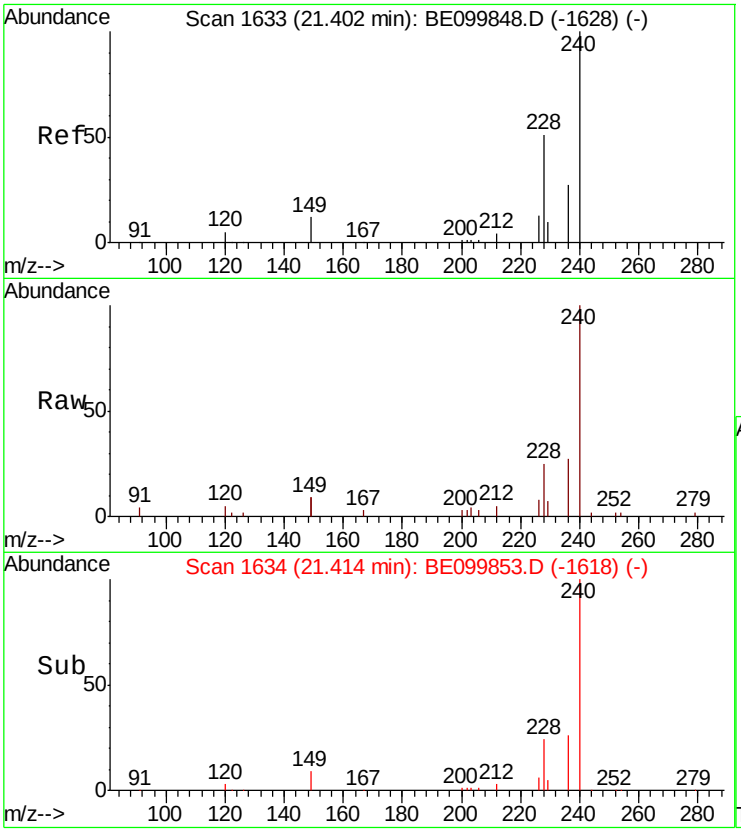


#26
Fluoranthene
Concen: 0.400 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:202 Resp: 10823

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.2	7.8
203	17.1	13.6	20.4



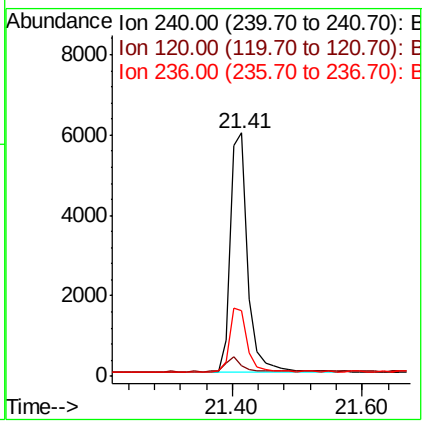


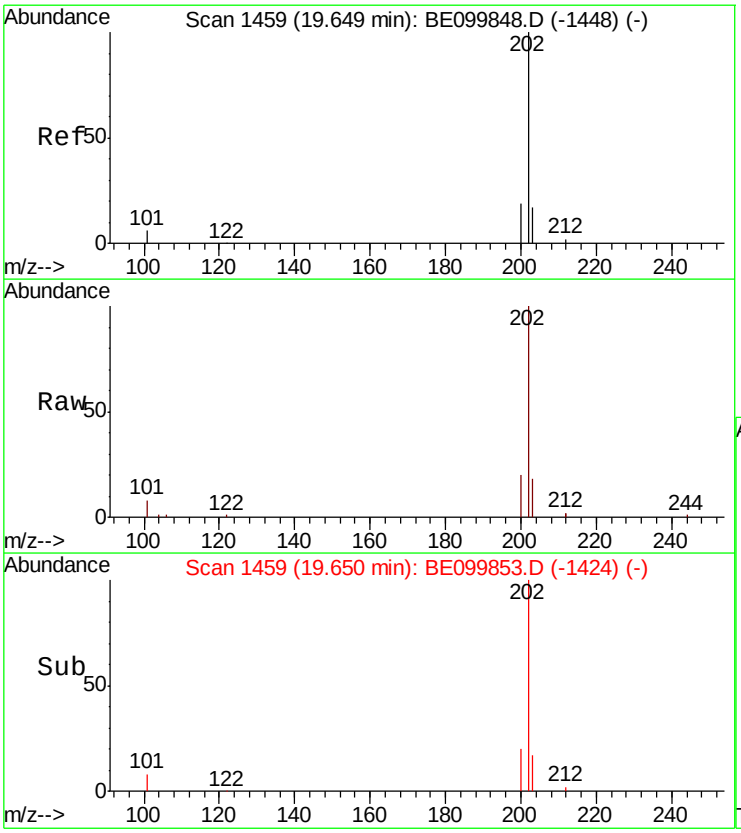
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:240 Resp: 11360

Ion	Ratio	Lower	Upper
240	100		
120	4.5	2.8	4.2#
236	27.2	20.9	31.3

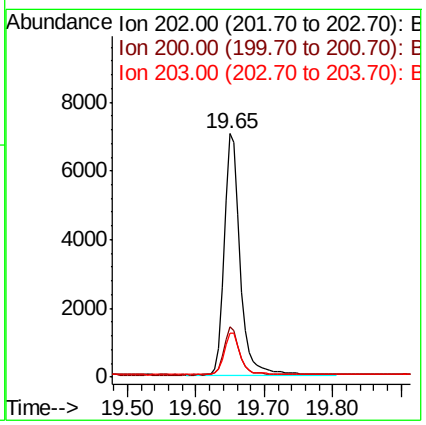


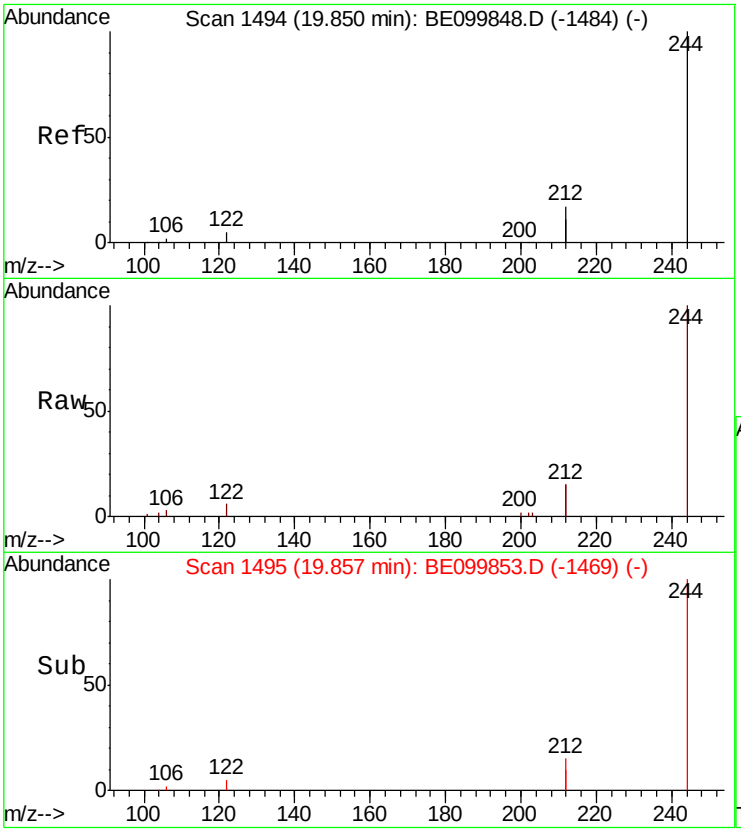


#28
Pyrene
Concen: 0.384 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:202 Resp: 11558

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	17.8	14.1	21.1



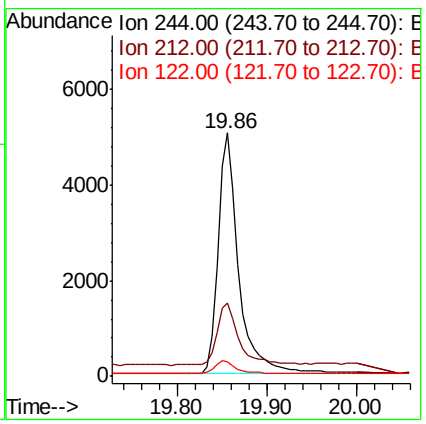


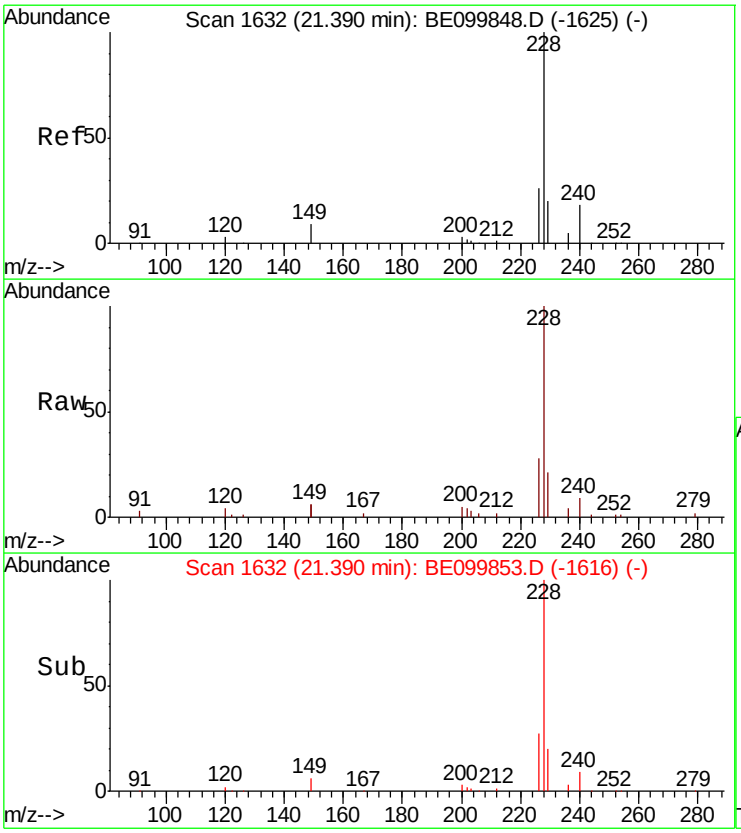
#29
Terphenyl-d14
Concen: 0.378 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:244 Resp: 7998

Ion	Ratio	Lower	Upper
244	100		
212	30.1	23.7	35.5
122	6.1	4.8	7.2

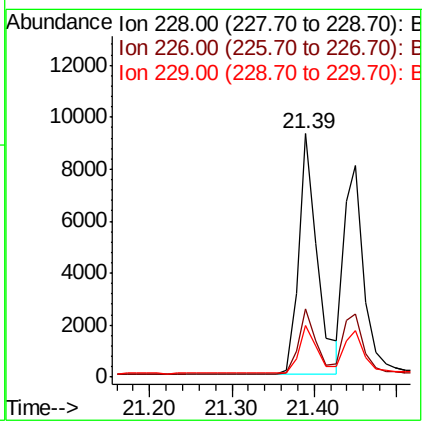


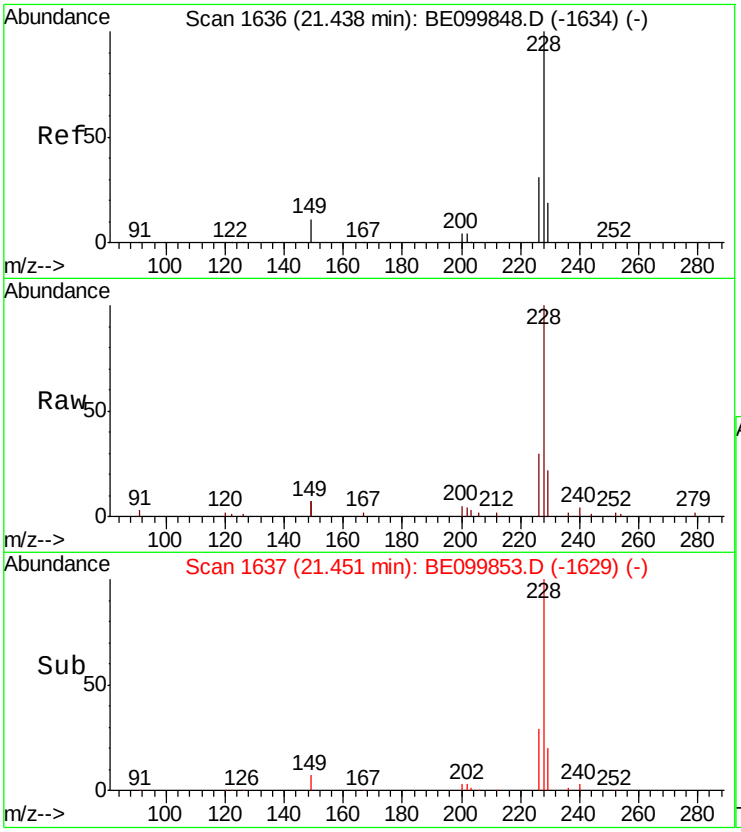


#30
Benzo(a)anthracene
Concen: 0.411 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:228 Resp: 14849

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.6	32.4
229	21.2	15.8	23.6



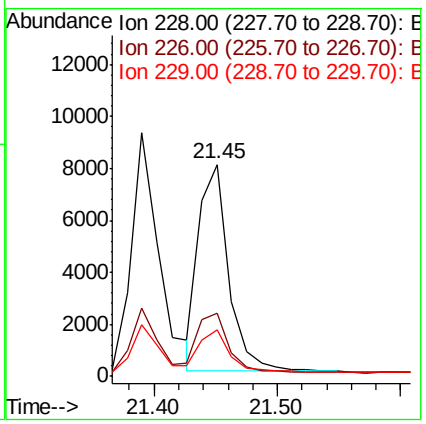


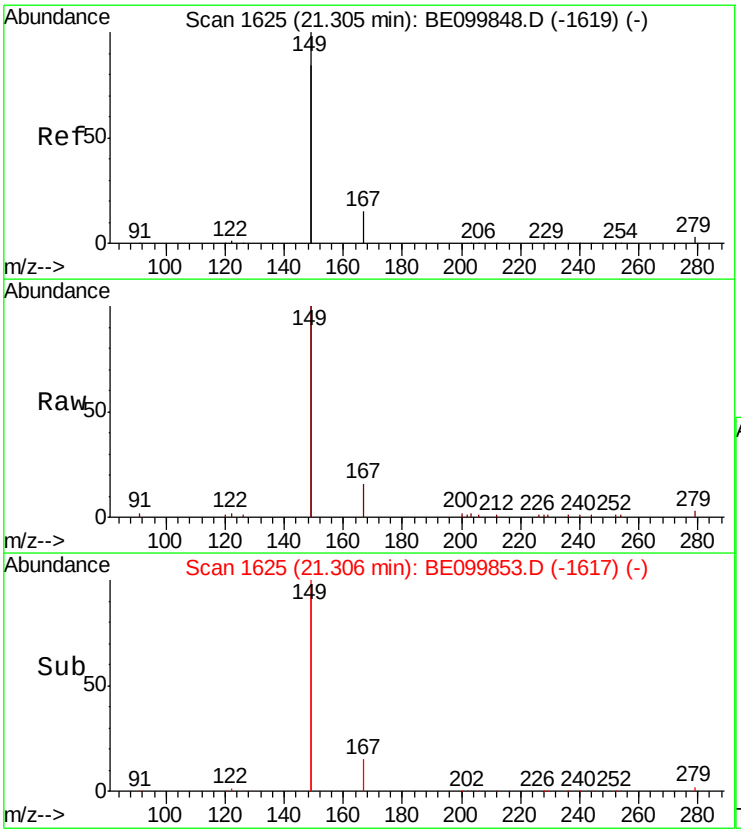
#31
Chrysene
Concen: 0.381 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:228 Resp: 13489

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.9	34.3
229	22.1	16.4	24.6

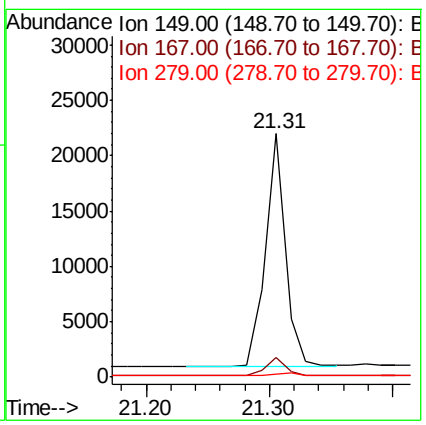


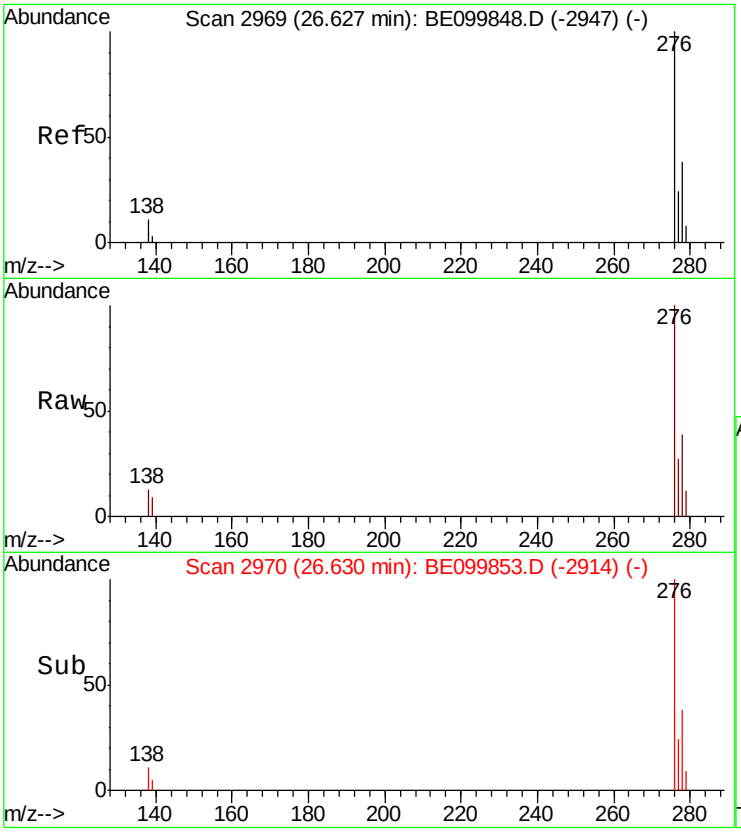


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.409 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:149 Resp: 24062

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.0	9.0
279	1.5	1.2	1.8



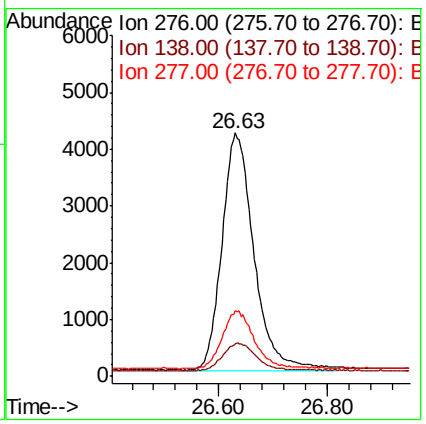


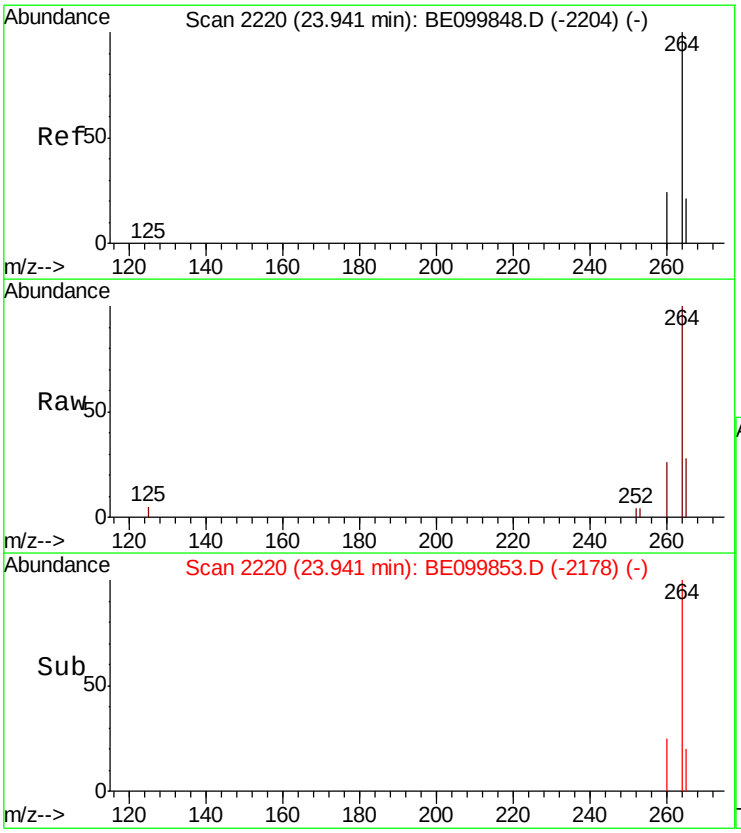
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 26.63 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:276 Resp: 17096

Ion	Ratio	Lower	Upper
276	100		
138	11.8	10.3	15.5
277	24.0	19.4	29.2

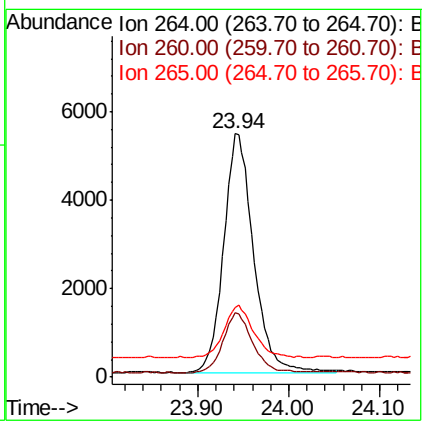


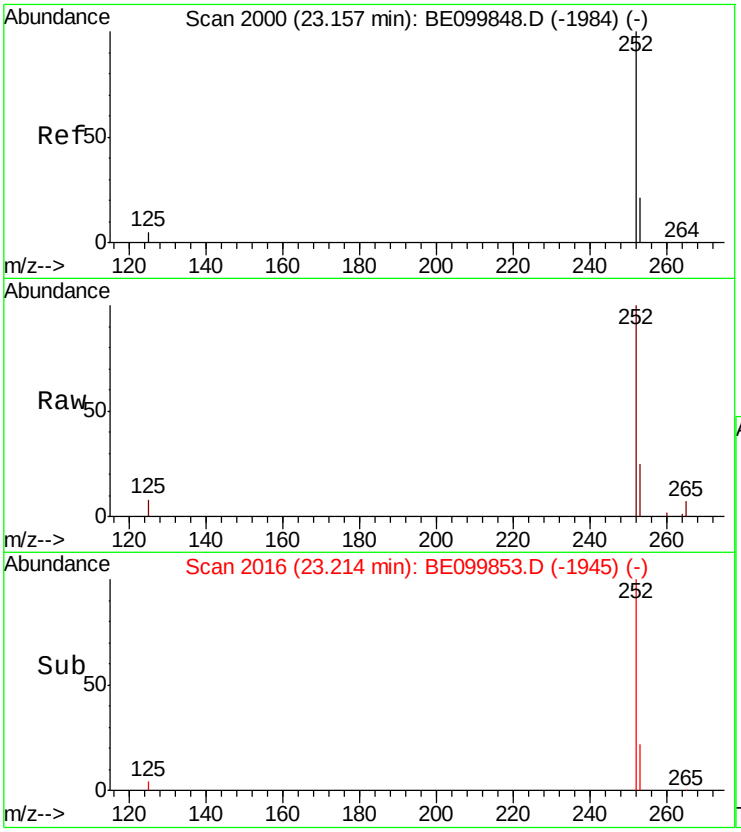


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:264 Resp: 12376

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.0	30.0
265	28.4	20.7	31.1



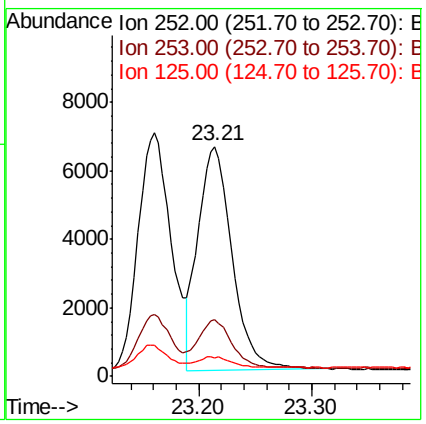


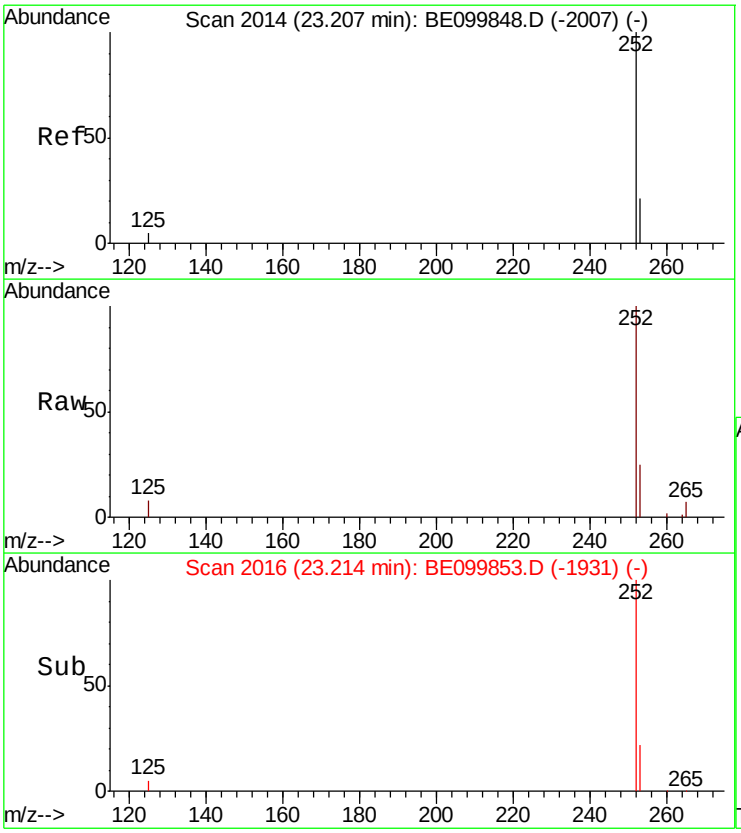
#35
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.05 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:252 Resp: 13690

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	8.1	7.6	11.4

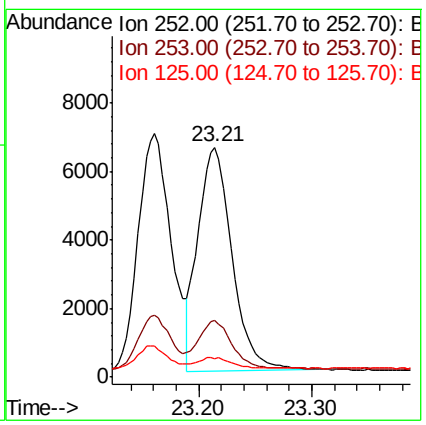


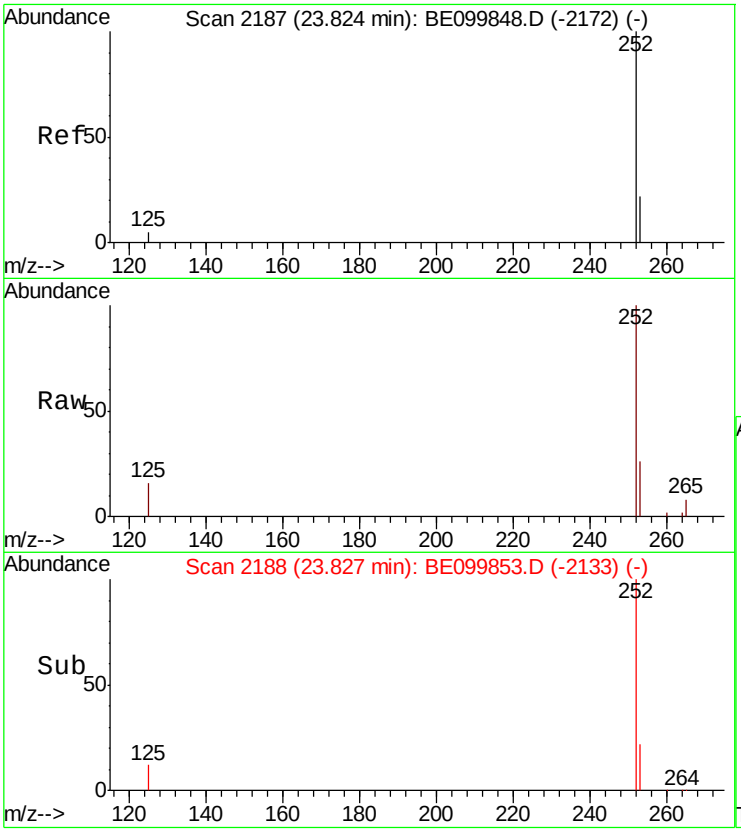


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:252 Resp: 13690

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	8.1	4.6	7.0#



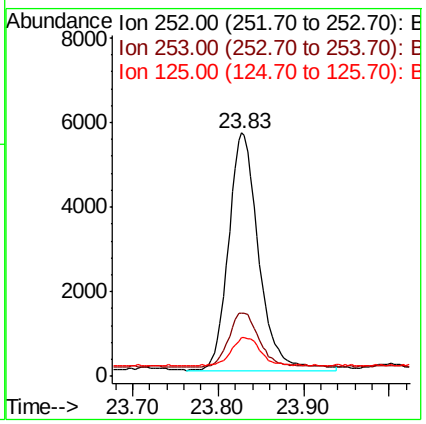


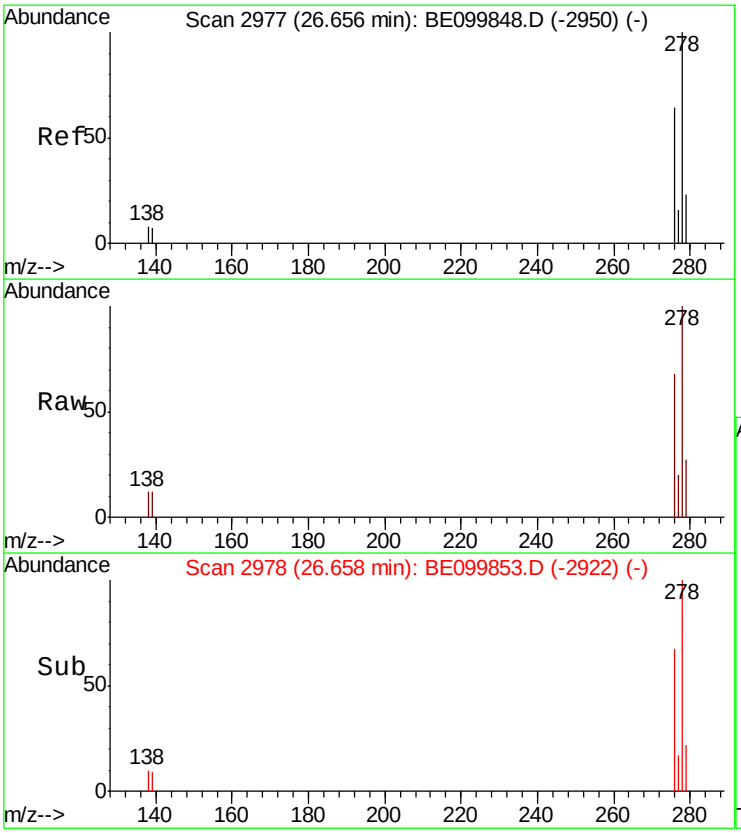
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:252 Resp: 13731

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.3	28.9
125	15.7	10.2	15.4#

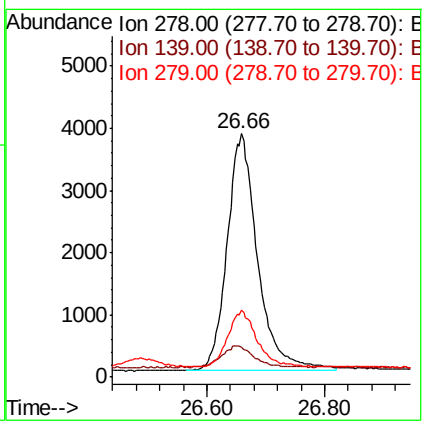


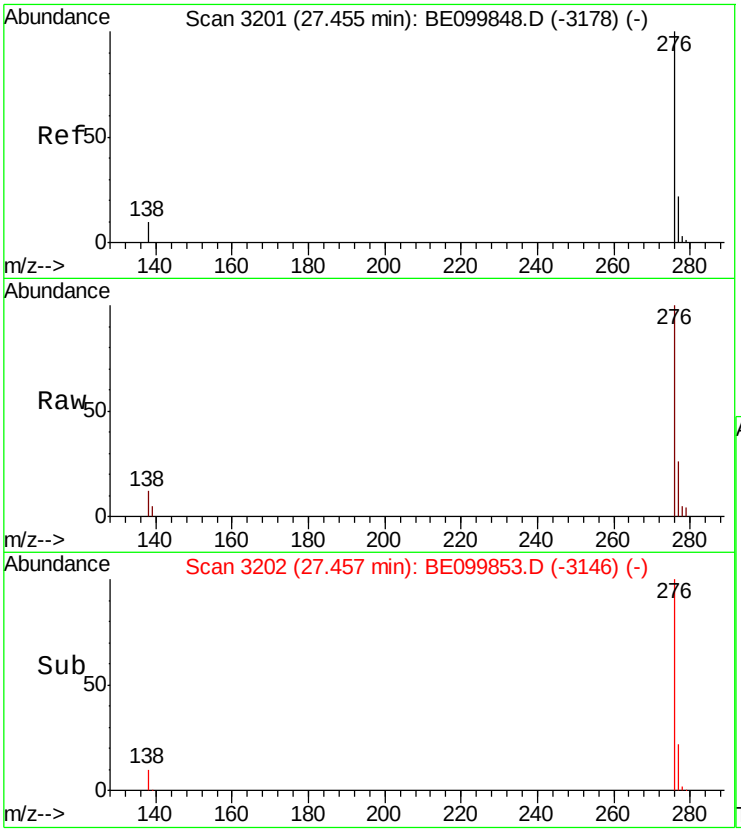


#38
Dibenzo(a,h)anthracene
Concen: 0.402 ng
RT: 26.66 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Tgt Ion:278 Resp: 13722

Ion	Ratio	Lower	Upper
278	100		
139	12.4	7.9	11.9#
279	27.3	18.5	27.7





#39
Benzo(g,h,i)perylene
Concen: 0.404 ng
RT: 27.46 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BE099853.D
Acq: 7 Jun 2019 15:25

Instrument :
BNA_E
ClientSampleId :
ICVBE060719

Tgt Ion:276 Resp: 13991

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.6	29.4
138	12.3	9.0	13.4