Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052219\
Data File : BE099713.D
Acq On : 22 May 2019 10:06
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 22 11:53:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2095	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	8237	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	5909	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	17458	0.40	ng		0.00
27) Chrysene-d12	21.41	240	23551	0.40	ng		0.00
34) Perylene-d12	23.96	264	27834	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	1992	0.38	ng		0.00
5) Phenol-d6	6.97	99	2715	0.39	ng		0.00
8) Nitrobenzene-d5	8.98	82	2540	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	5100	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1243	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	7916	0.35	ng		0.00
25) Fluoranthene-d10	19.26	212	79109	0.33	ng		0.00
29) Terphenyl-d14	19.86	244	15980	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1010	0.326	ng		93
3) n-Nitrosodimethylamine	3.63	42	555	0.324	ng	#	96
6) bis(2-Chloroethyl)ether	7.24	93	2448	0.393	ng		93
9) Naphthalene	10.67	128	31902	0.362	ng		100
10) Hexachlorobutadiene	10.94	225	2268	0.350	ng		99
12) 2-Methylnaphthalene	12.30	142	5220	0.363	ng		99
16) Acenaphthylene	14.20	152	9814	0.356	ng		100
17) Acenaphthene	14.54	154	5601	0.362	ng		97
18) Fluorene	15.53	166	8425	0.370	ng		98
20) 4-Bromophenyl-phenylether	16.43	248	3622	0.360	ng		94
21) Hexachlorobenzene	16.53	284	3888	0.377	ng		99
22) Pentachlorophenol	16.91	266	754	0.418	ng		95
23) Phenanthrene	17.27	178	15734	0.369	ng		100
24) Anthracene	17.36	178	13903	0.359	ng		100
26) Fluoranthene	19.29	202	23093	0.342	ng		99
28) Pyrene	19.65	202	23692	0.400	ng		100
30) Benzo(a)anthracene	21.40	228	27111	0.405	ng		99
31) Chrysene	21.45	228	28168	0.394	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	34544	0.448	ng		99
33) Indeno(1,2,3-cd)pyrene	26.64	276	34412	0.398	ng		99
35) Benzo(b)fluoranthene	23.22	252	28153	0.369	ng		99
36) Benzo(k)fluoranthene	23.22	252	28484	0.358	ng		100
37) Benzo(a)pyrene	23.84	252	26833	0.366	ng	#	98
38) Dibenzo(a,h)anthracene	26.67	278	28174	0.366	ng	#	98
39) Benzo(g,h,i)perylene	27.48	276	27814	0.357	ng		99

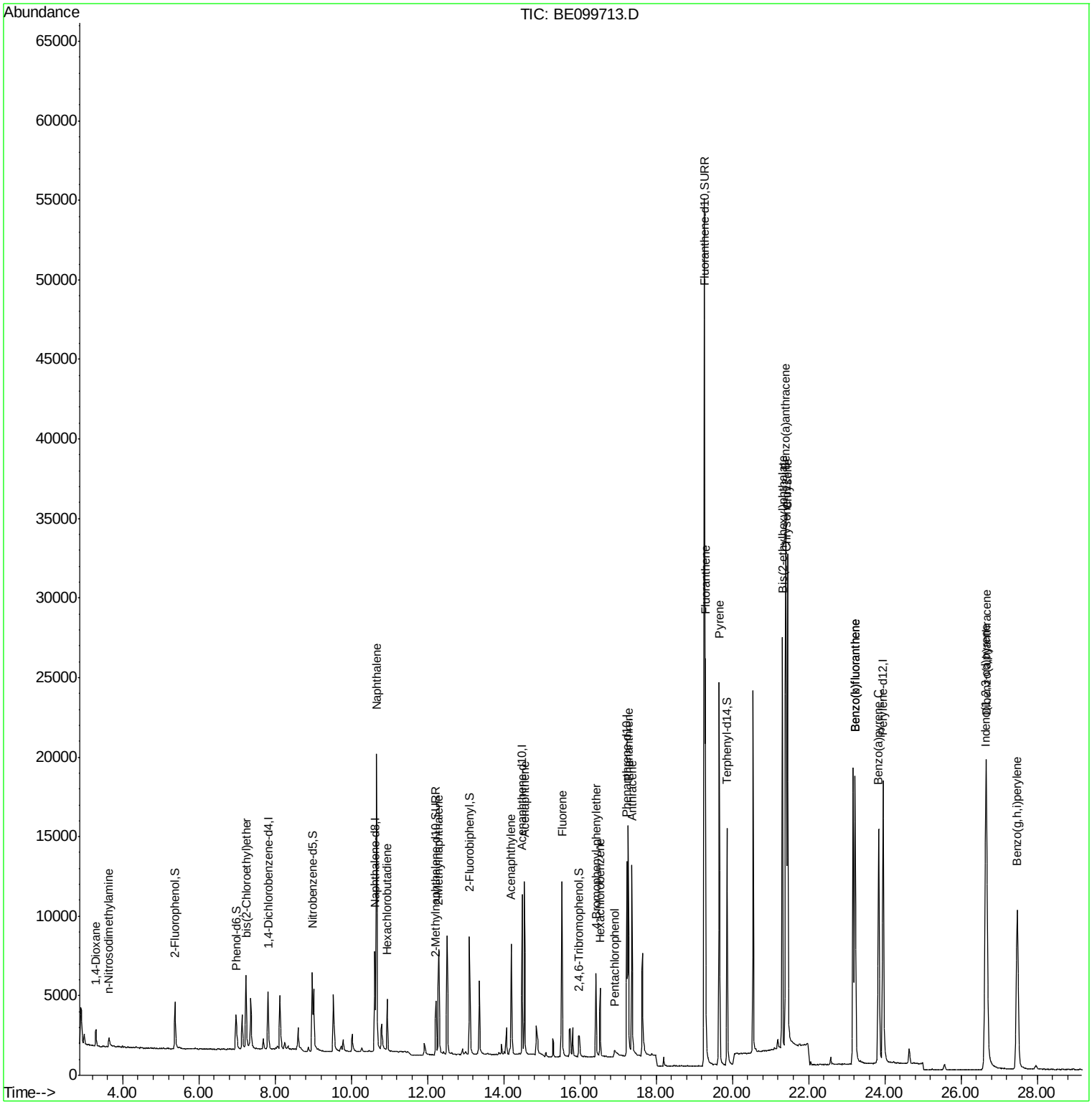
(#) = qualifier out of range (m) = manual integration (+) = signals summed

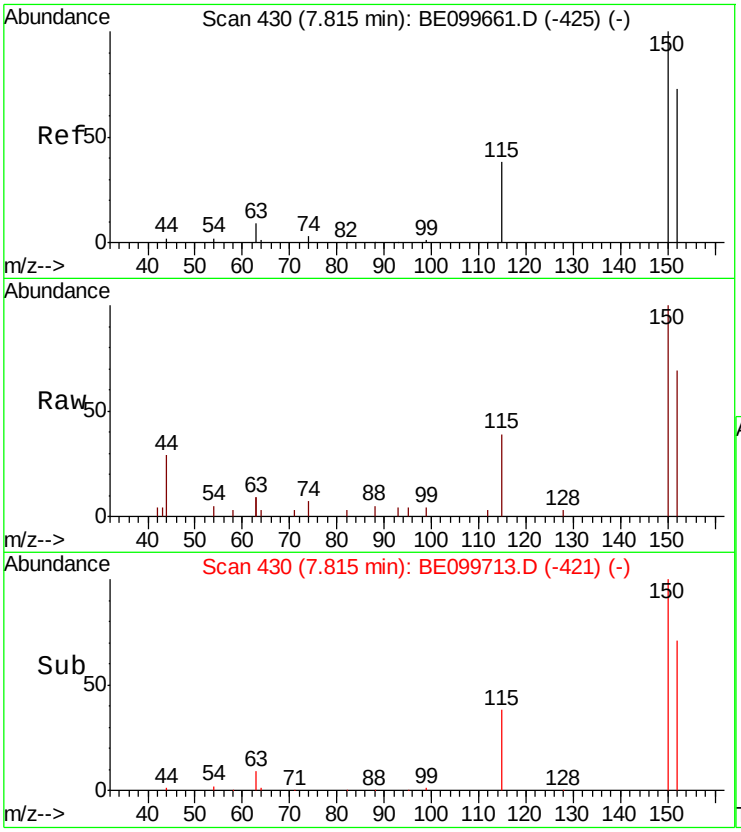
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052219\
Data File : BE099713.D
Acq On : 22 May 2019 10:06
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 22 11:53:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



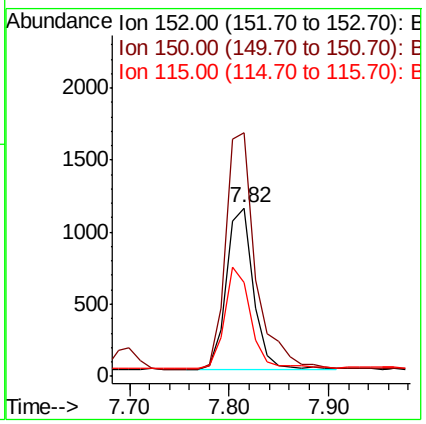


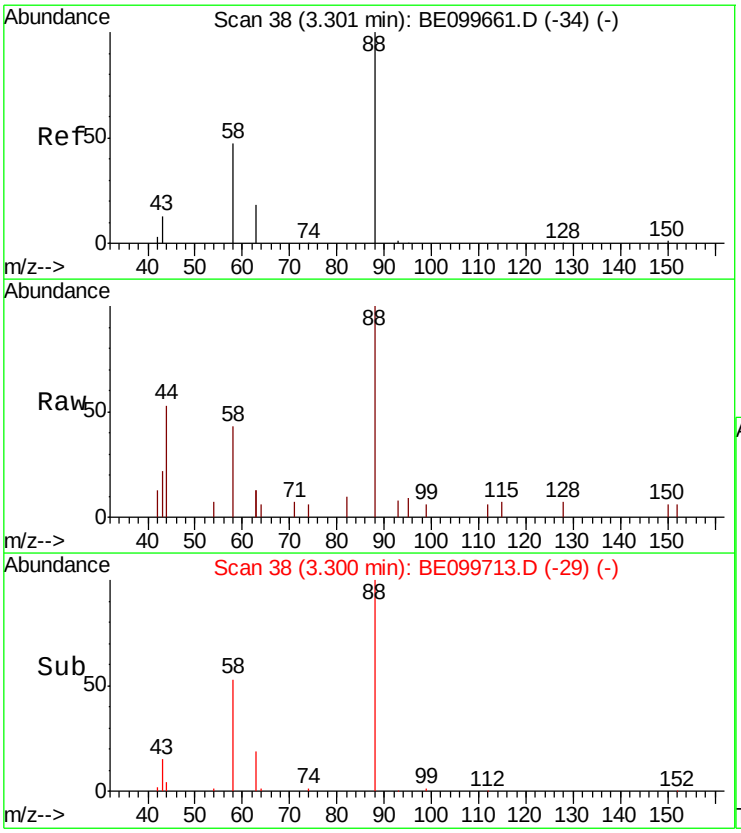
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2095

Ion	Ratio	Lower	Upper
152	100		
150	144.5	109.2	163.8
115	55.9	43.7	65.5

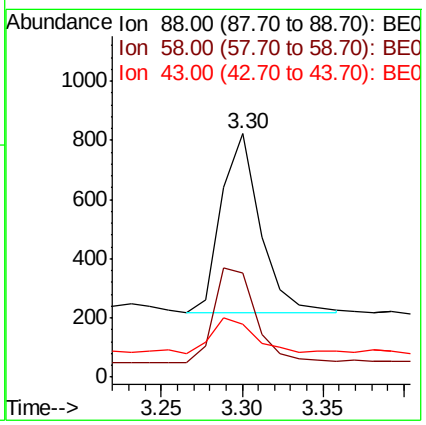


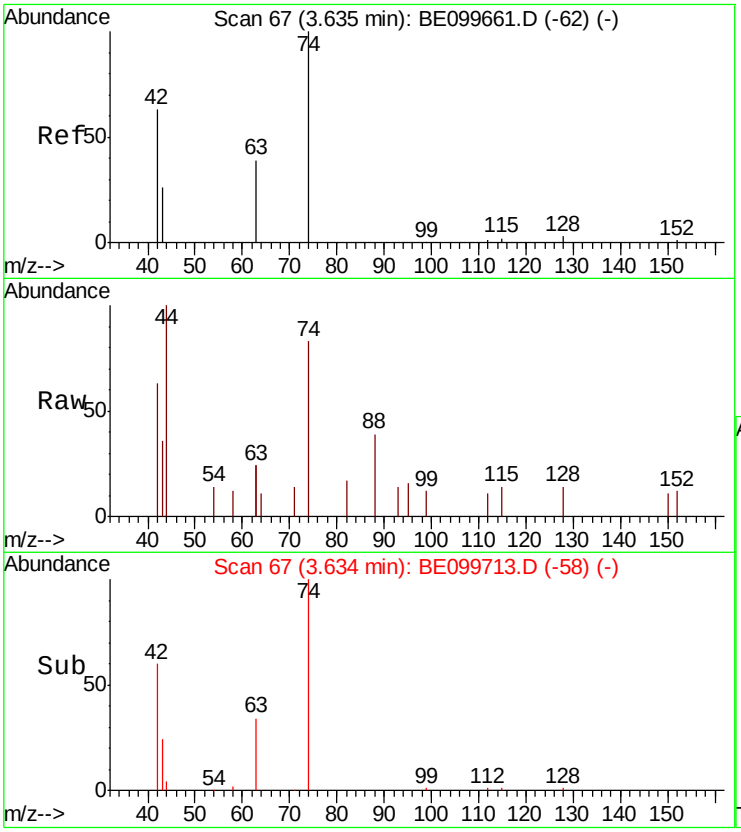


#2
1,4-Dioxane
Concen: 0.326 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion: 88 Resp: 1010

Ion	Ratio	Lower	Upper
88	100		
58	58.3	41.8	62.8
43	19.3	15.0	22.4



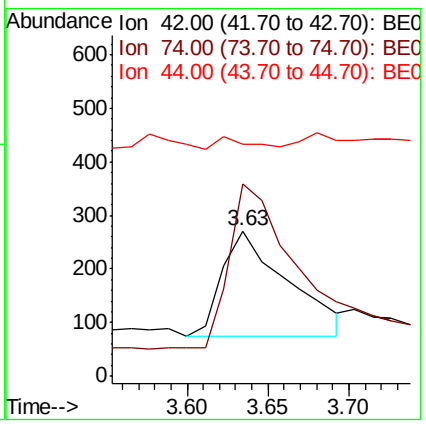


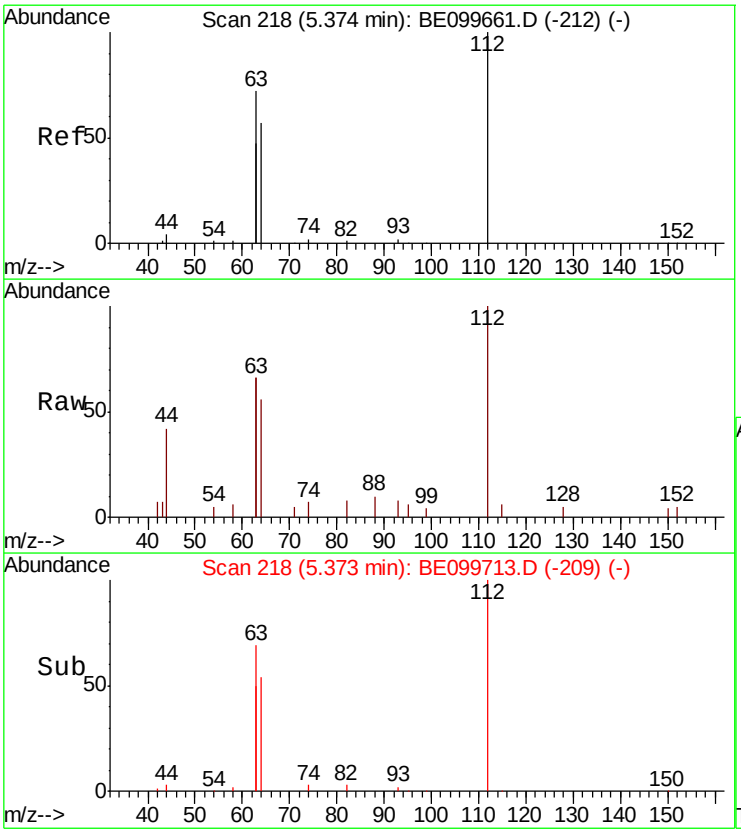
#3
n-Nitrosodimethylamine
Concen: 0.324 ng
RT: 3.63 min Scan# 67
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 555

Ion	Ratio	Lower	Upper
42	100		
74	156.0	129.2	193.8
44	6.1	0.0	0.0#

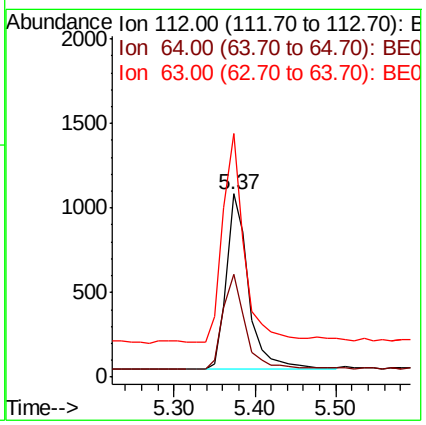


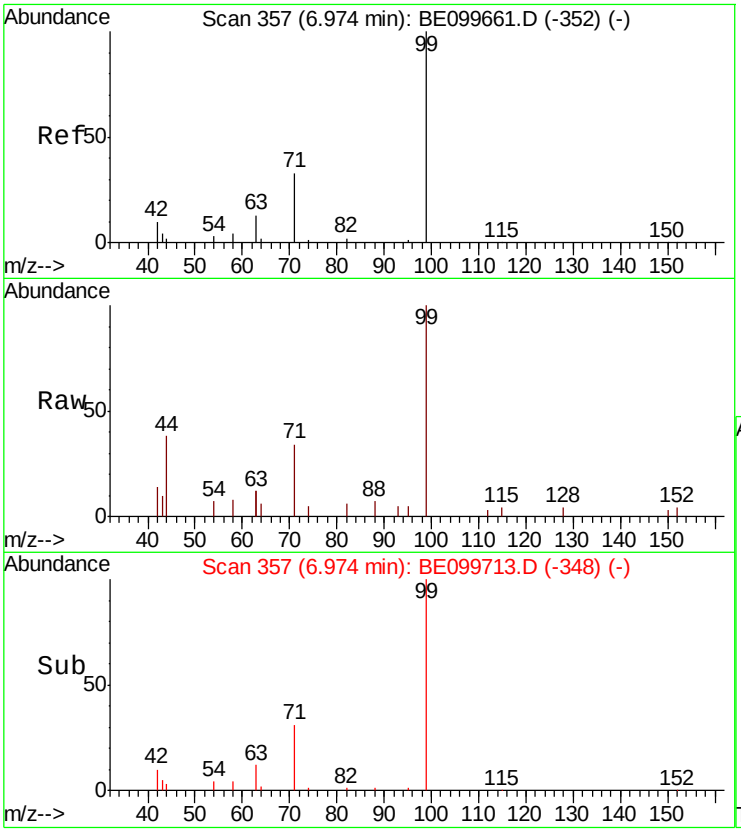


#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:112 Resp: 1992

Ion	Ratio	Lower	Upper
112	100		
64	55.3	43.4	65.2
63	114.4	96.9	145.3



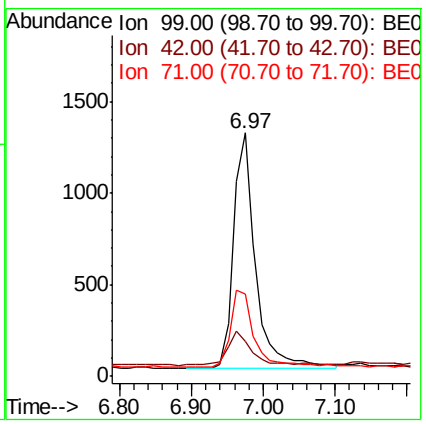


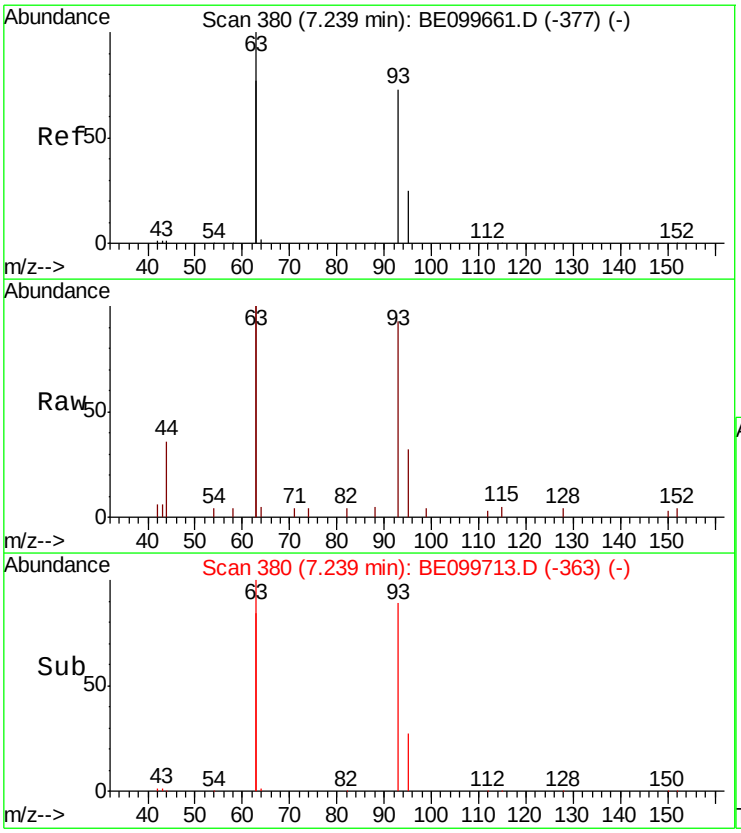
#5
Phenol-d6
Concen: 0.387 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2715

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	37.0	28.9	43.3

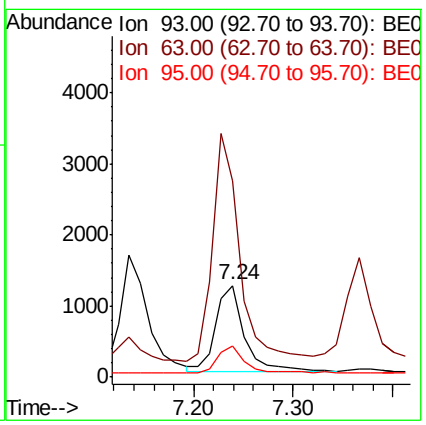


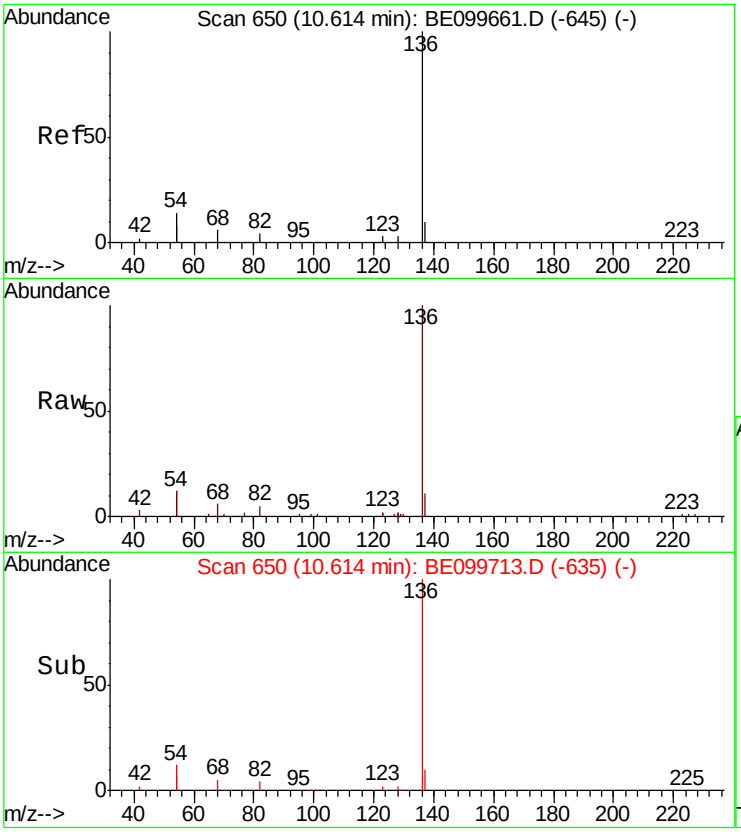


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion: 93 Resp: 2448

Ion	Ratio	Lower	Upper
93	100		
63	246.9	207.8	311.6
95	31.7	25.9	38.9



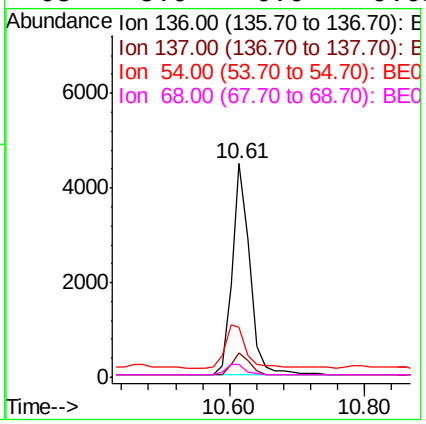


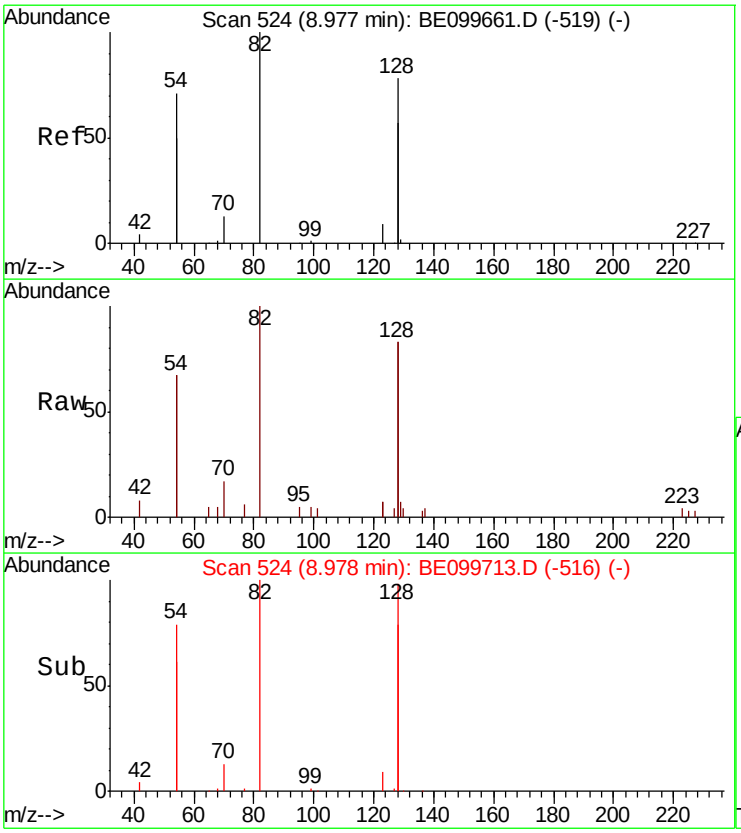
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 8237

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	23.4	22.3	33.5
68	5.9	6.0	9.0#

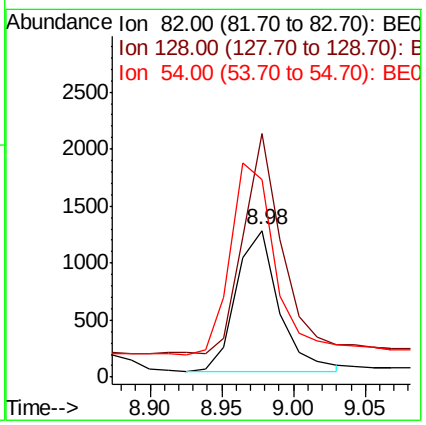


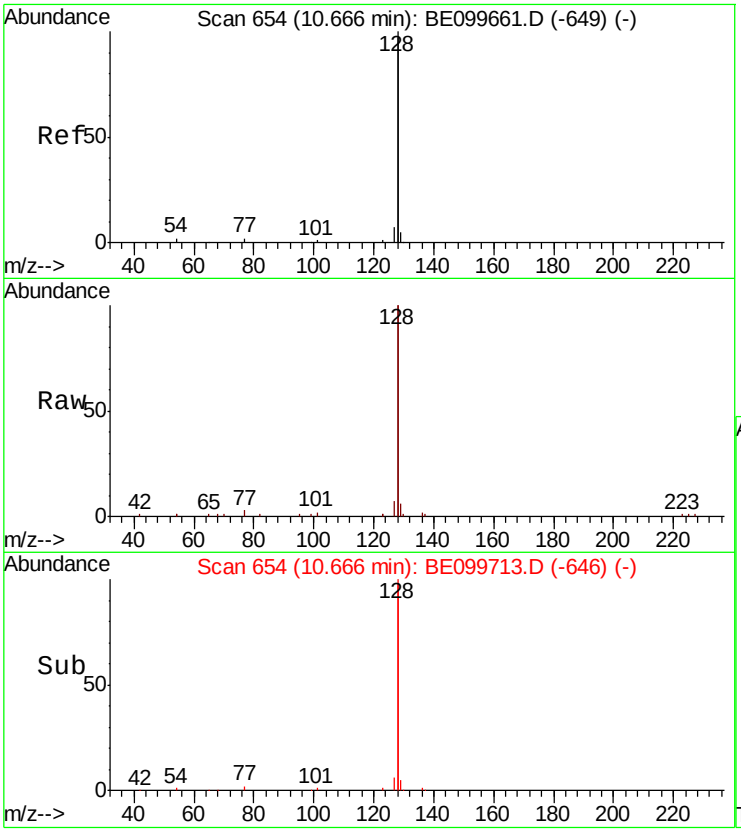


#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion: 82 Resp: 2540

Ion	Ratio	Lower	Upper
82	100		
128	166.0	117.7	176.5
54	134.3	106.6	160.0



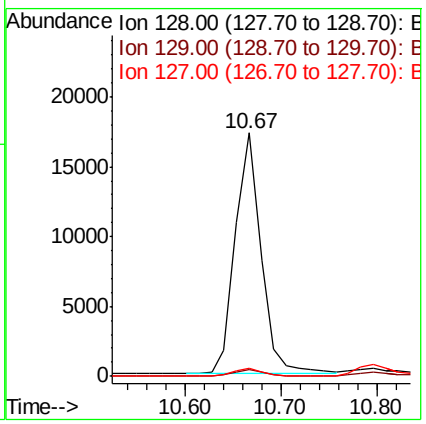


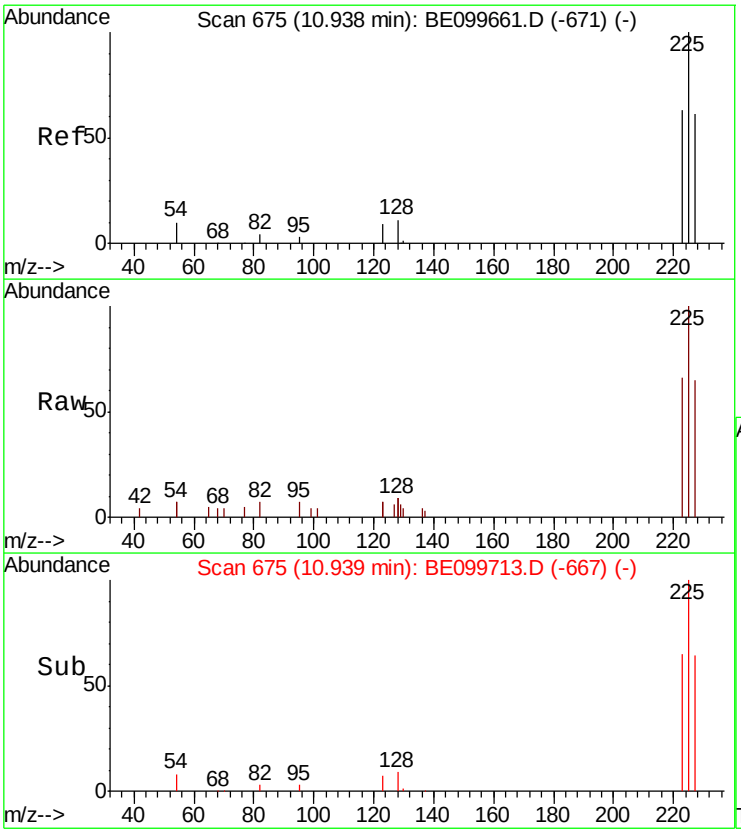
#9
Naphthalene
Concen: 0.362 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 31902

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.4	2.9	4.3

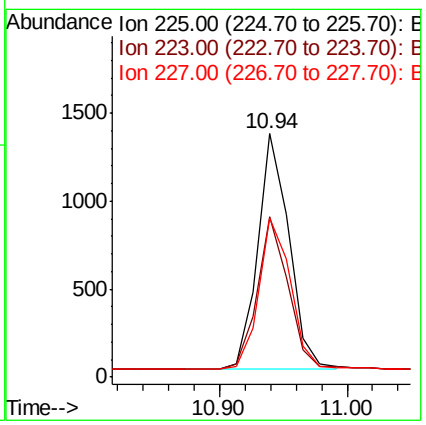


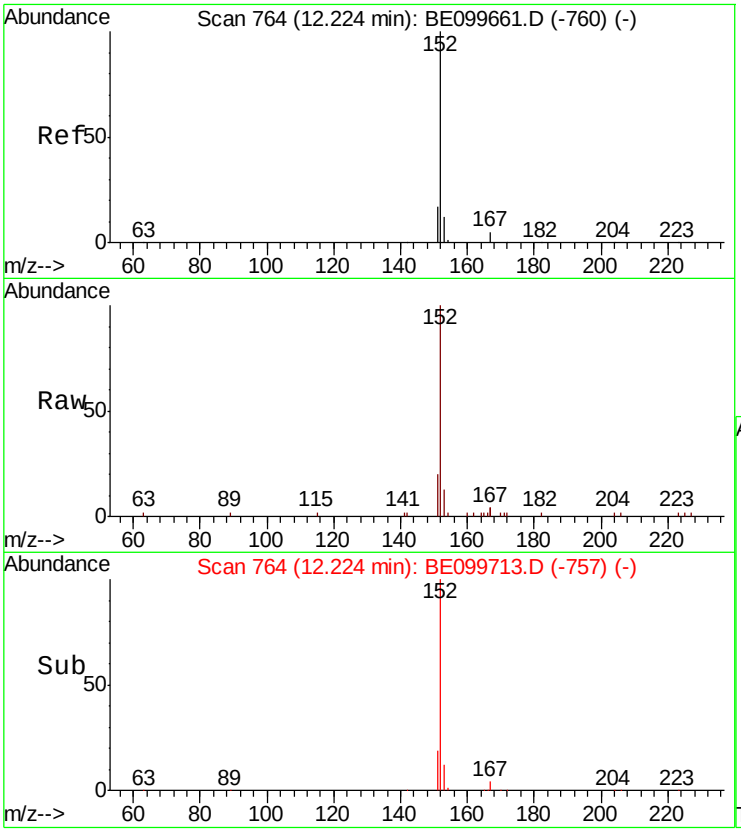


#10
Hexachlorobutadiene
Concen: 0.350 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:225 Resp: 2268

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.8	77.6
227	65.3	52.6	79.0



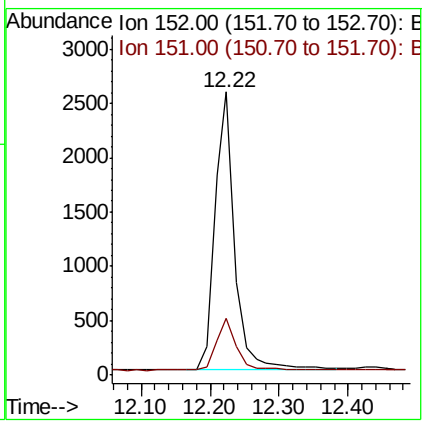


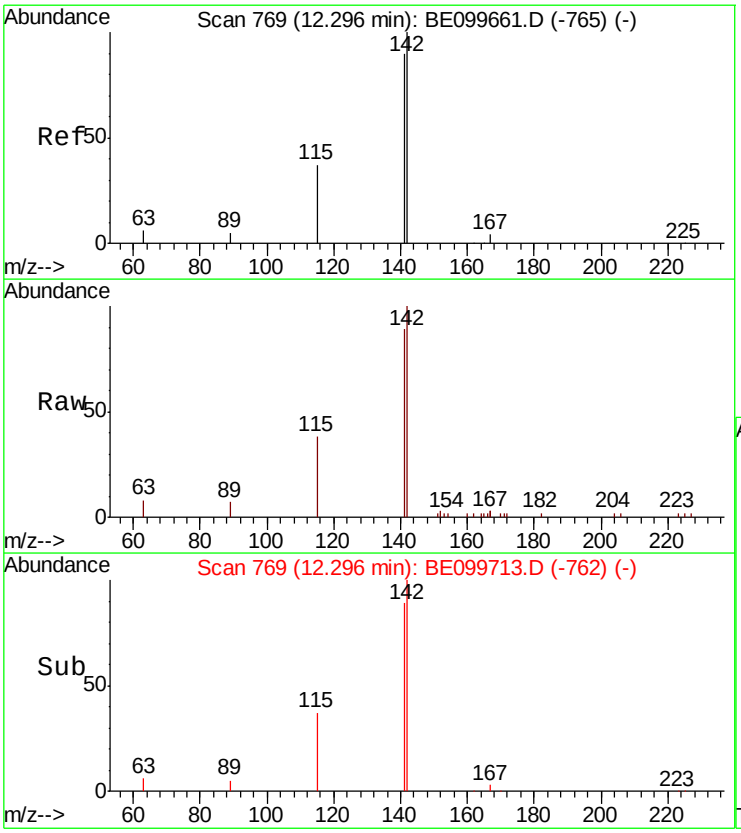
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5100

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.0	22.4

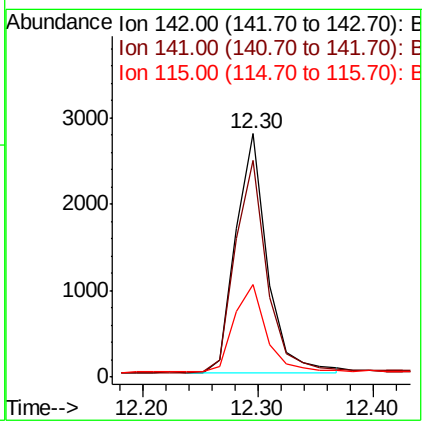


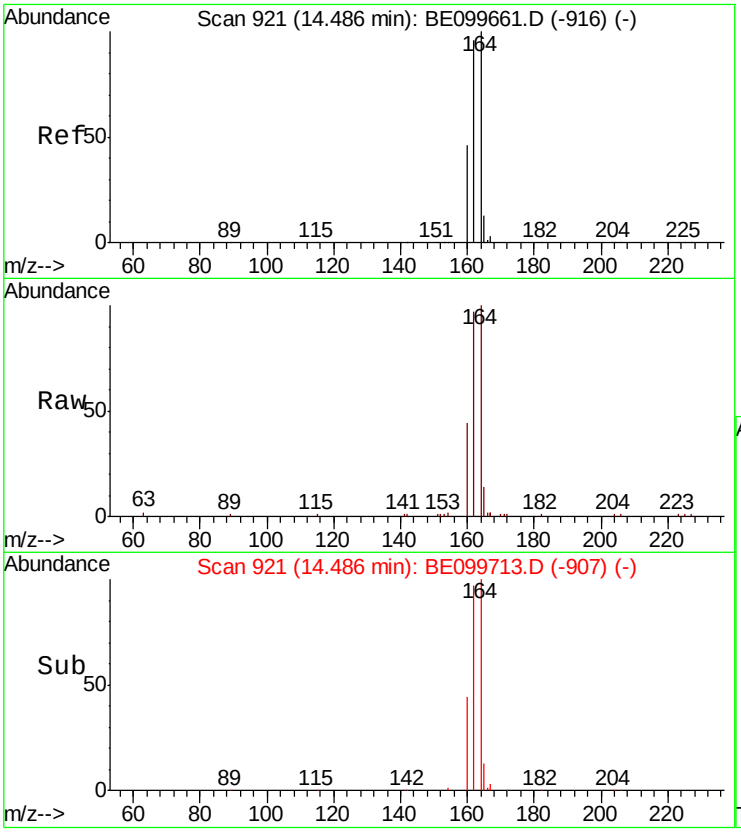


#12
2-Methylnaphthalene
Concen: 0.363 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:142 Resp: 5220

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.0	108.0
115	38.1	31.0	46.4



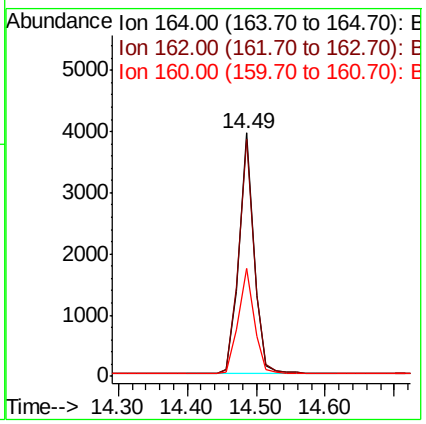


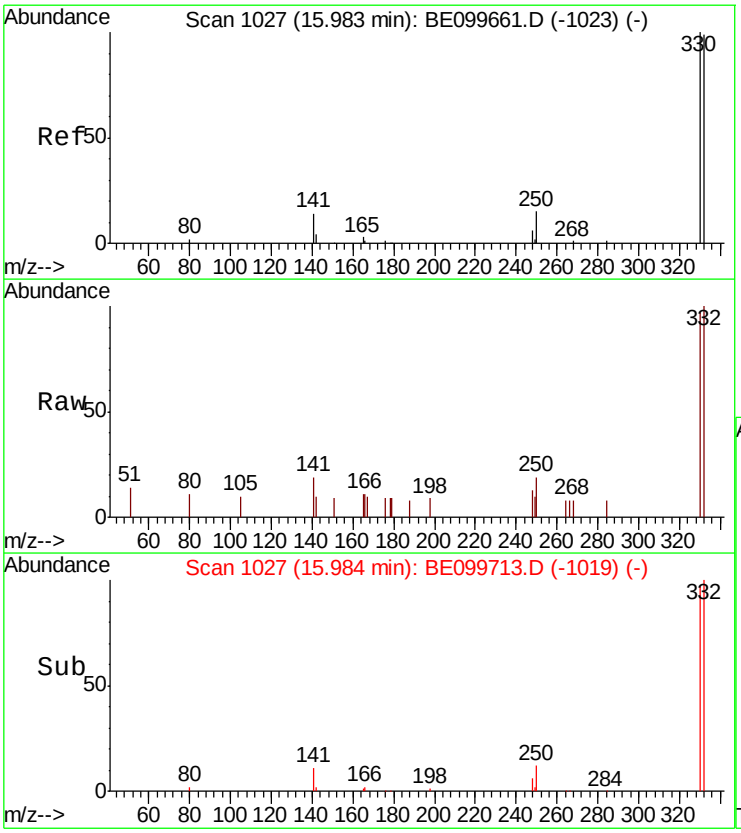
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 5909

Ion	Ratio	Lower	Upper
164	100		
162	97.3	76.5	114.7
160	44.3	37.4	56.2

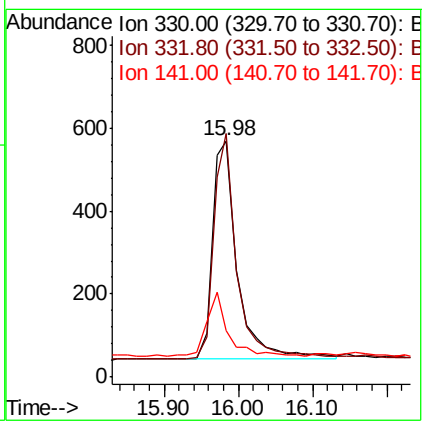


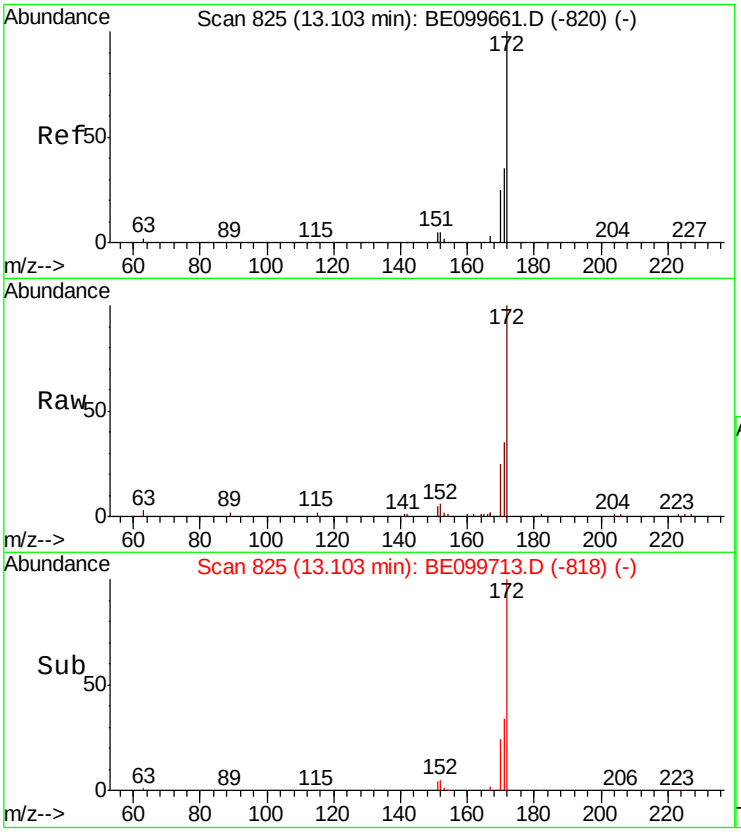


#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:330 Resp: 1243

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	24.3	18.9	28.3



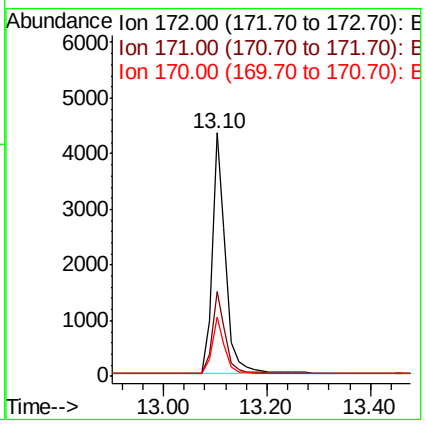


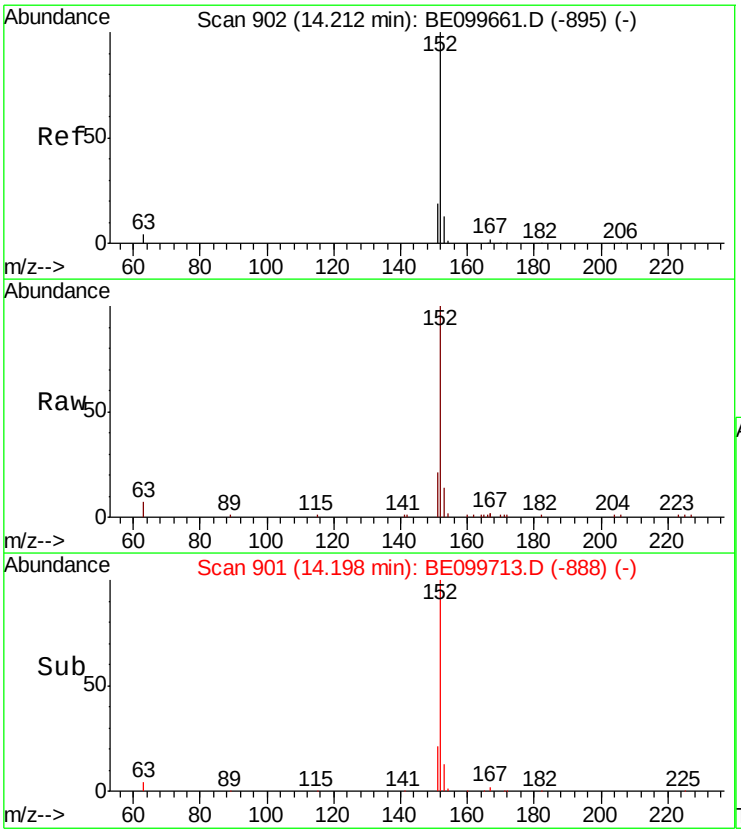
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 7916

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	24.5	20.9	31.3

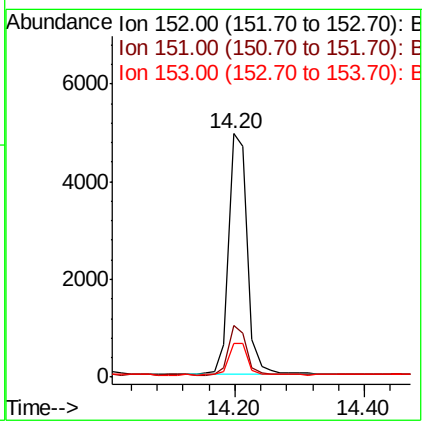


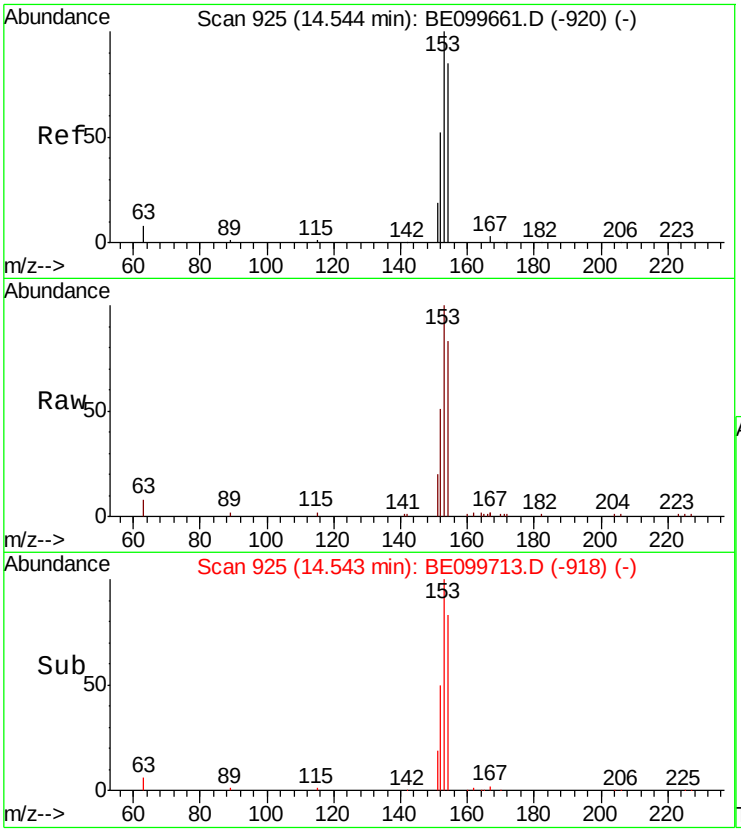


#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:152 Resp: 9814

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.3	10.6	16.0



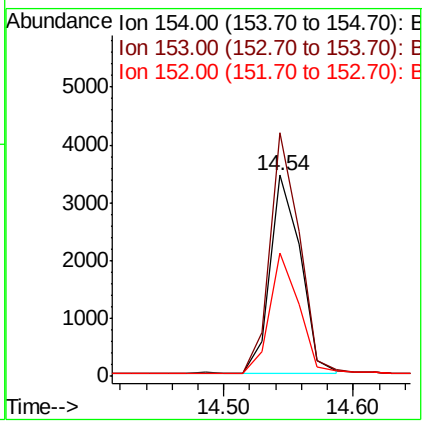


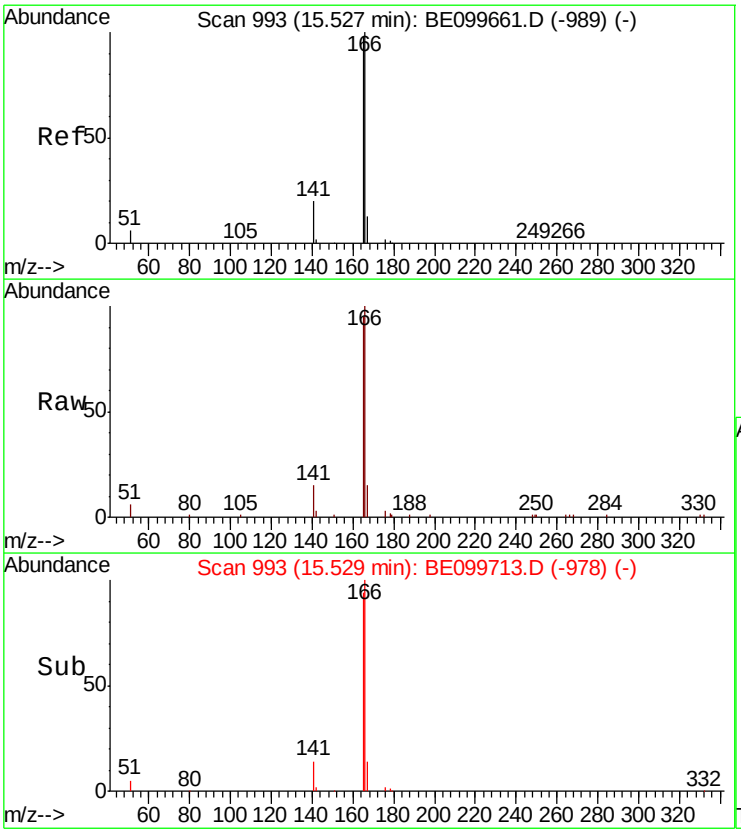
#17
Acenaphthene
Concen: 0.362 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 5601

Ion	Ratio	Lower	Upper
154	100		
153	117.8	91.8	137.6
152	59.0	46.0	69.0

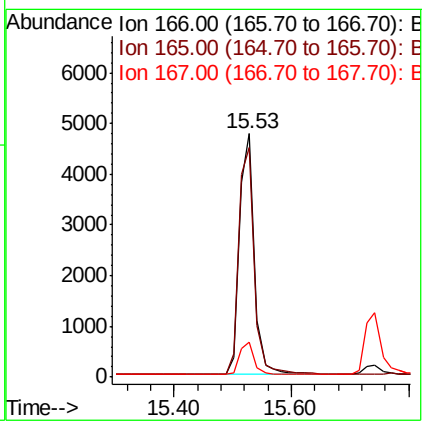


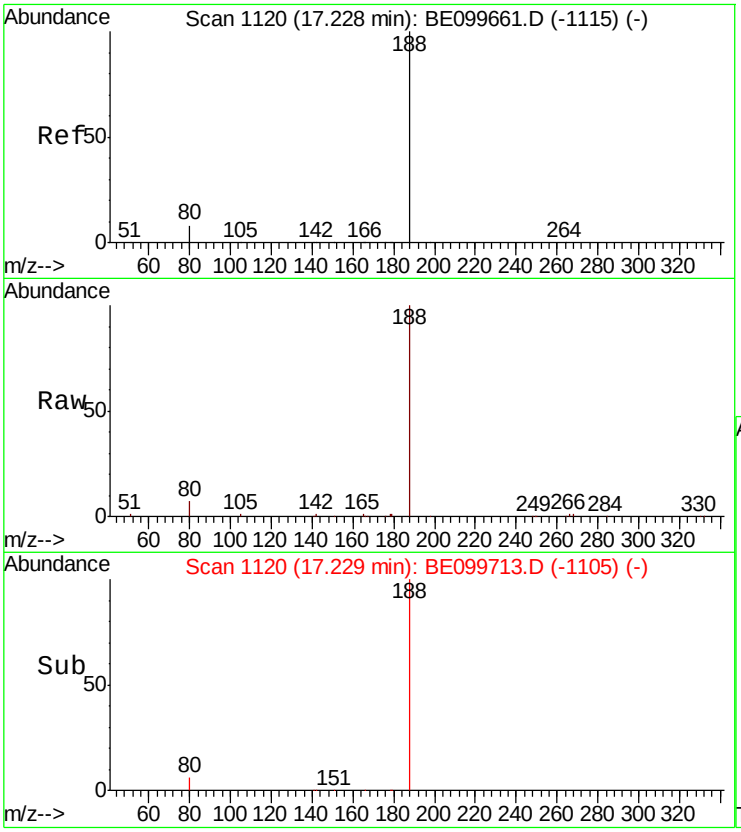


#18
Fluorene
Concen: 0.370 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:166 Resp: 8425

Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.3	120.5
167	13.5	10.6	16.0



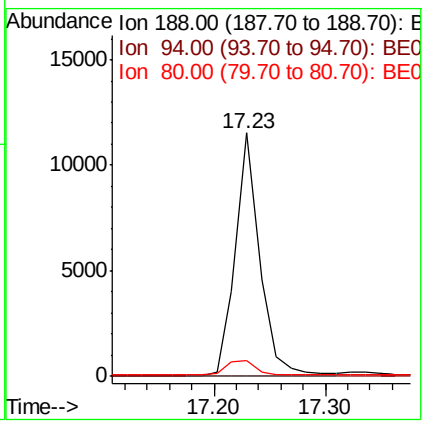


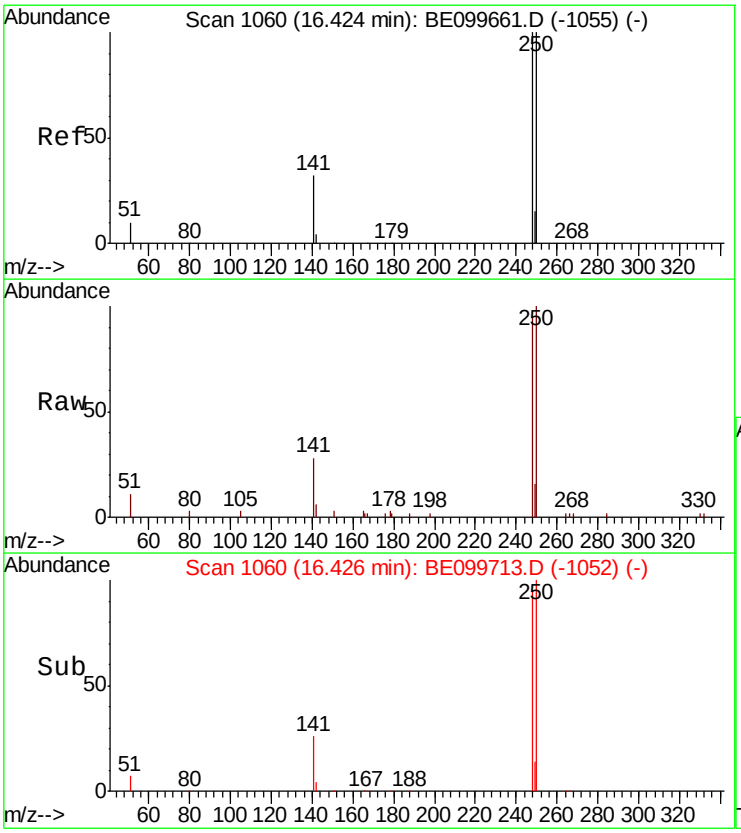
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 17458

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.7	10.1#

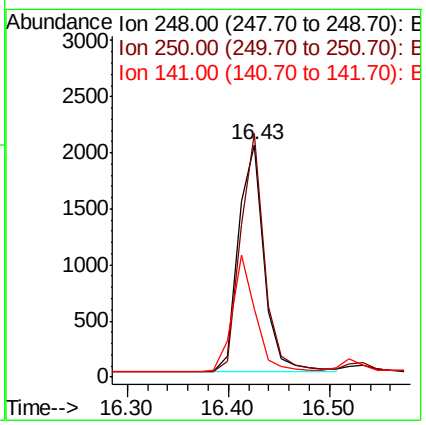


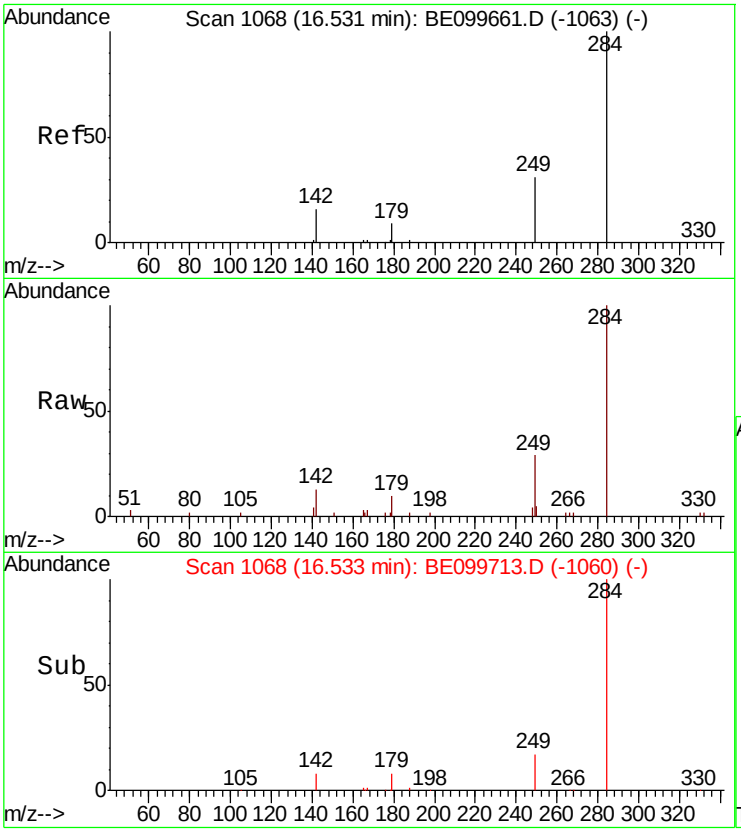


#20
4-Bromophenyl-phenylether
Concen: 0.360 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:248 Resp: 3622

Ion	Ratio	Lower	Upper
248	100		
250	104.7	79.8	119.8
141	29.1	27.0	40.6



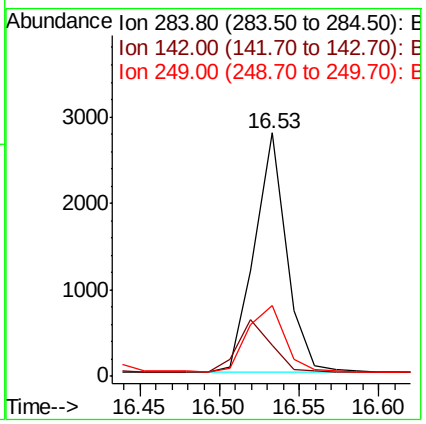


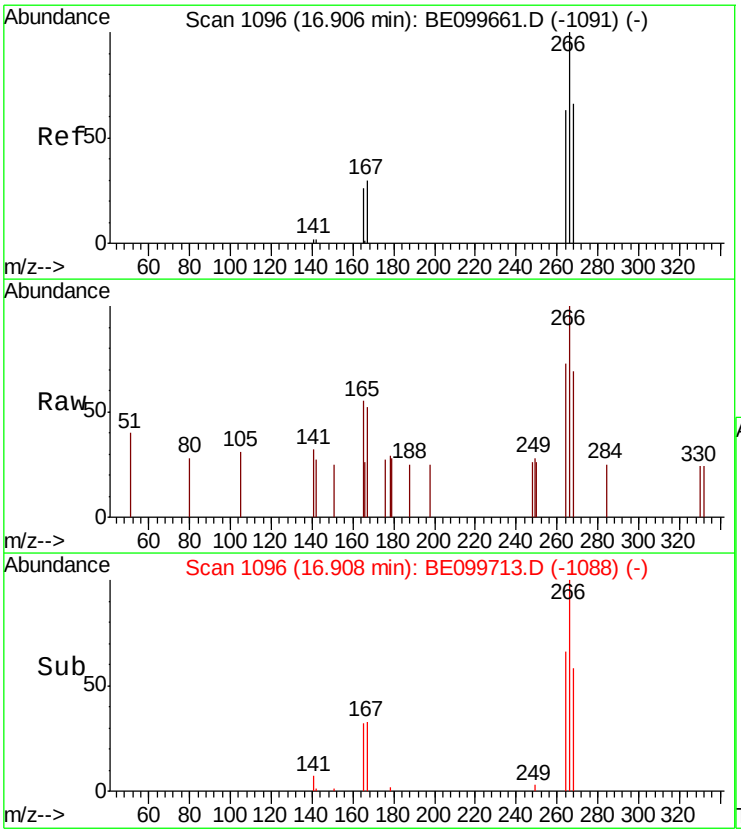
#21
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3888

Ion	Ratio	Lower	Upper
284	100		
142	22.5	17.8	26.6
249	31.2	24.8	37.2

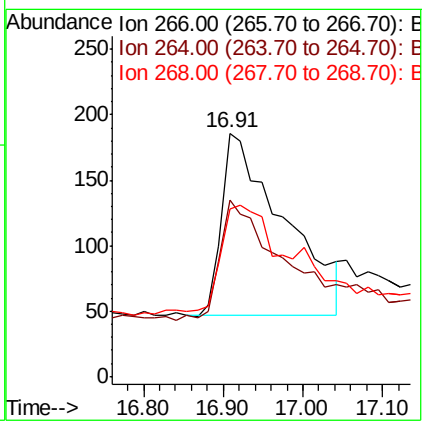


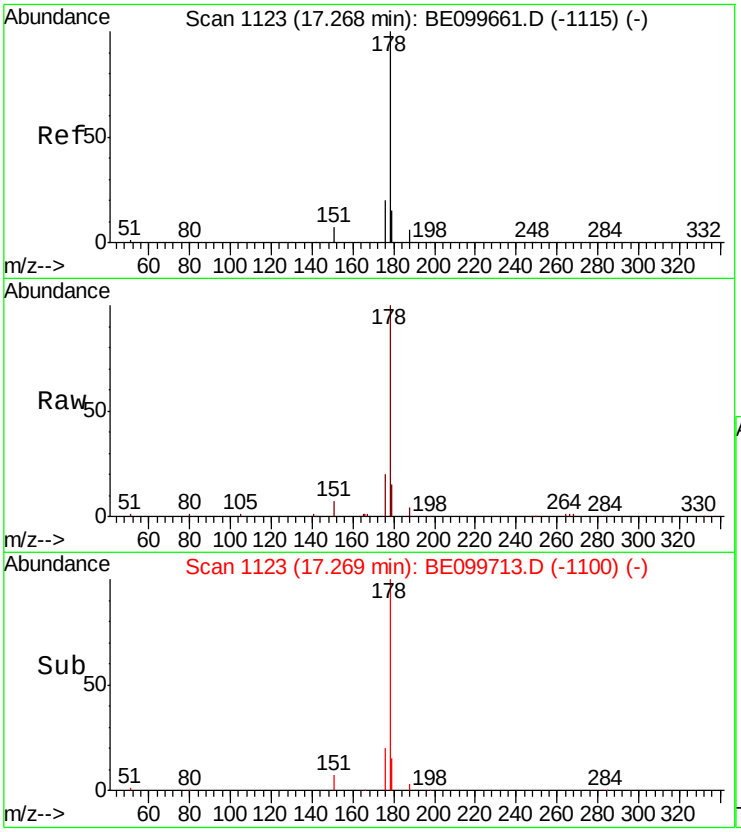


#22
Pentachlorophenol
Concen: 0.418 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:266 Resp: 754

Ion	Ratio	Lower	Upper
266	100		
264	72.6	57.2	85.8
268	68.8	60.5	90.7



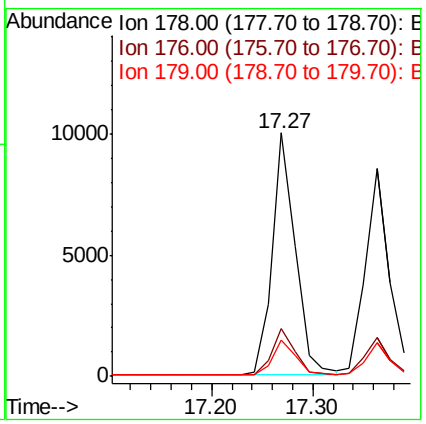


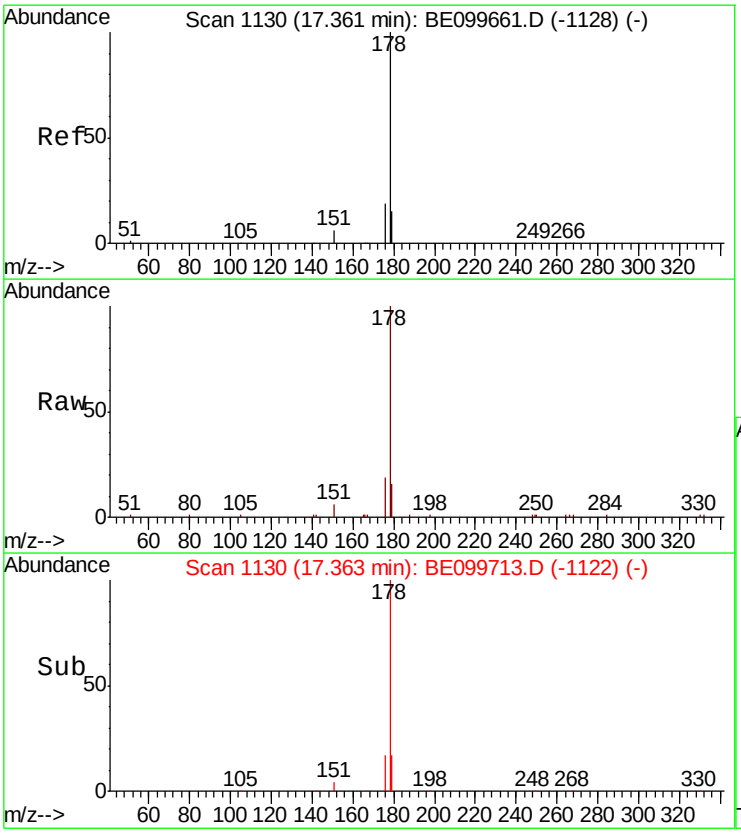
#23
Phenanthrene
Concen: 0.369 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 15734

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.0	12.2	18.4

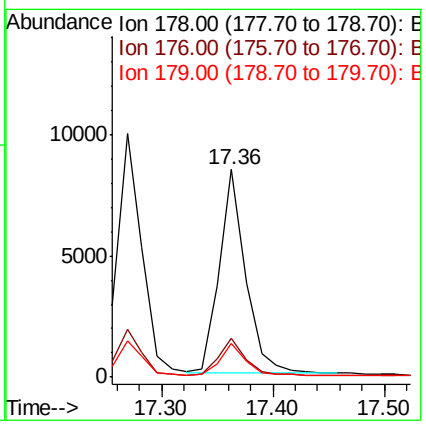


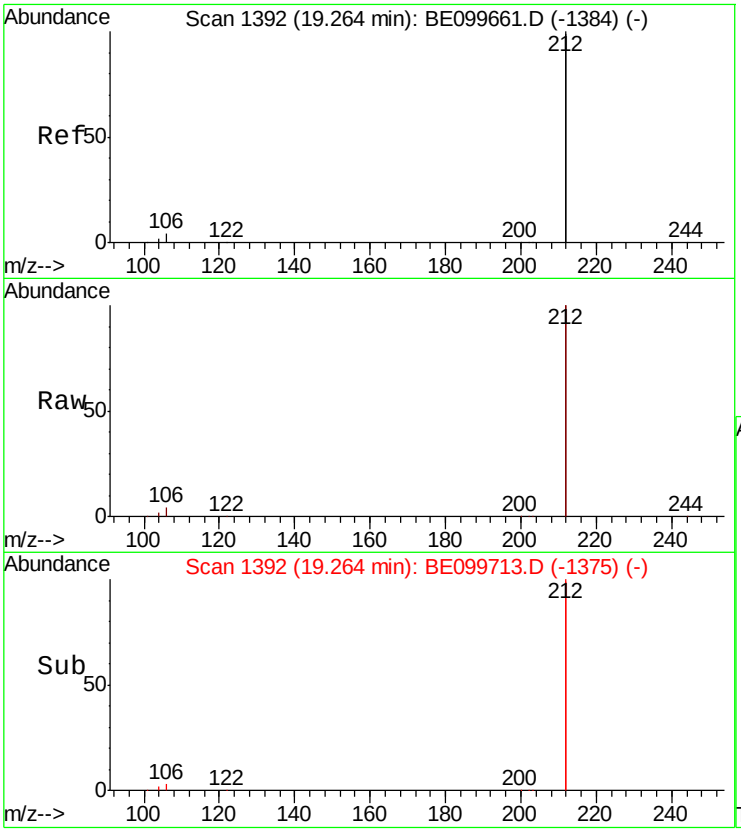


#24
Anthracene
Concen: 0.359 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:178 Resp: 13903

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	14.9	12.0	18.0



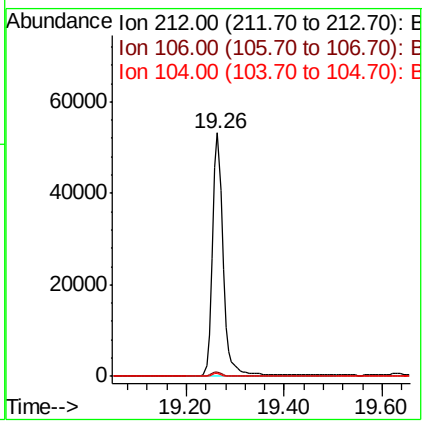


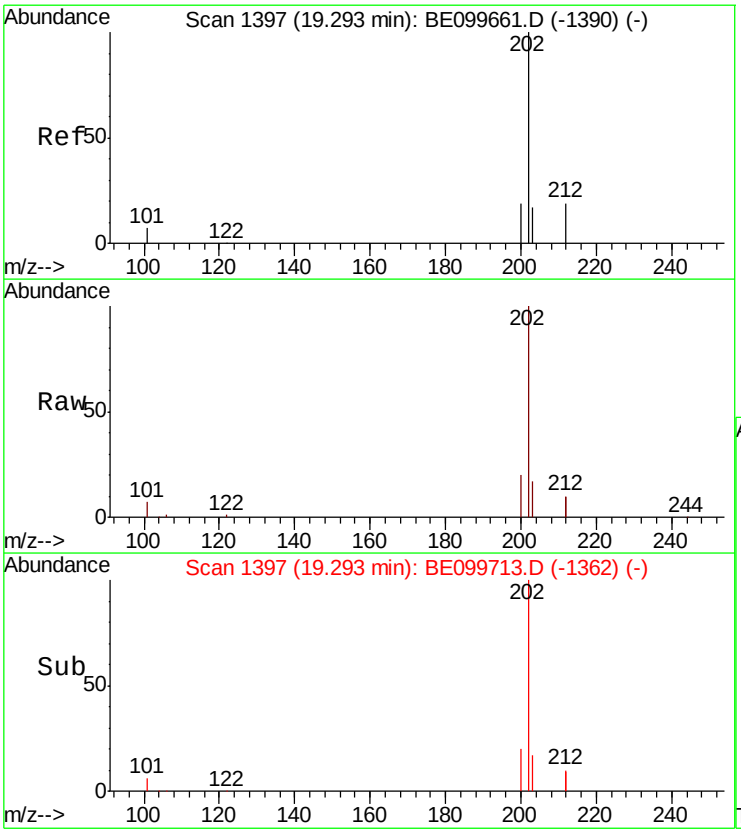
#25
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 79109

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.8	1.2

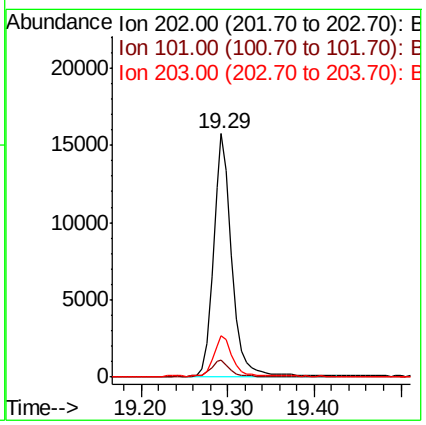


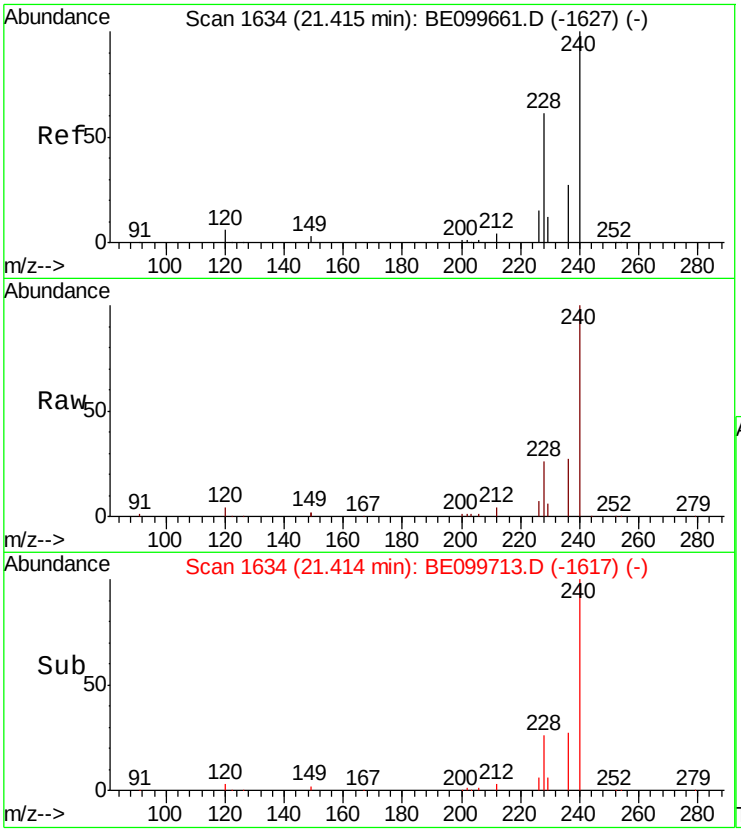


#26
Fluoranthene
Concen: 0.342 ng
RT: 19.29 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:202 Resp: 23093

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.2	7.8
203	16.6	13.8	20.6



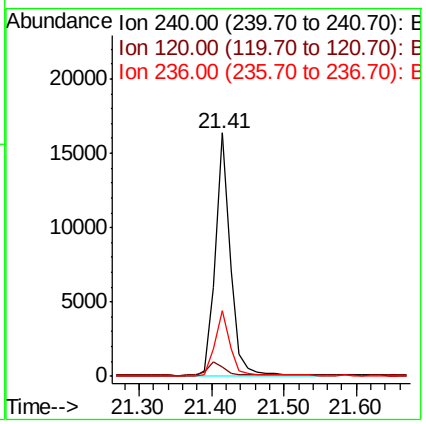


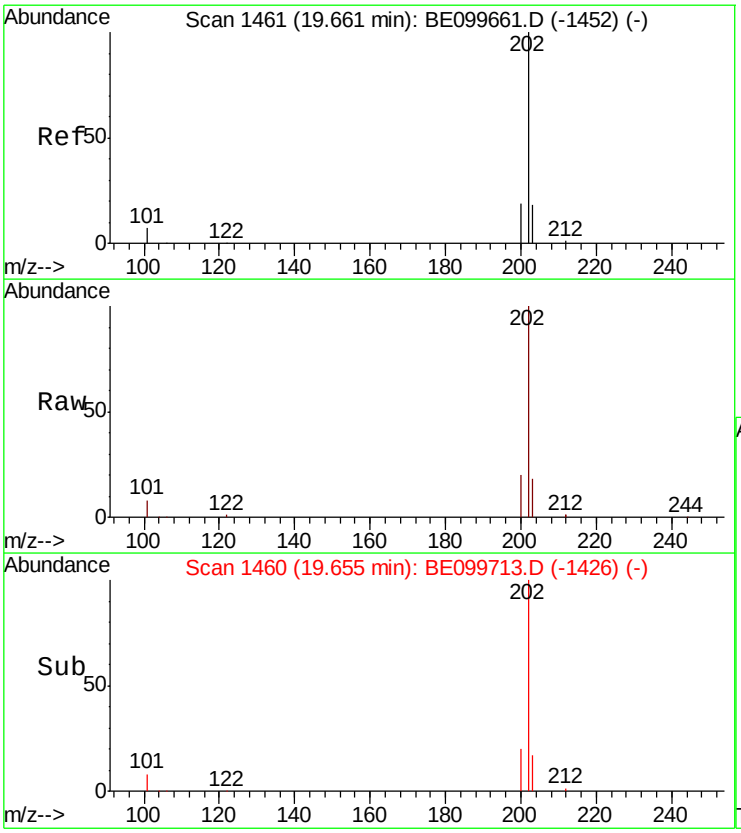
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 23551

Ion	Ratio	Lower	Upper
240	100		
120	3.8	5.4	8.0#
236	27.2	21.7	32.5

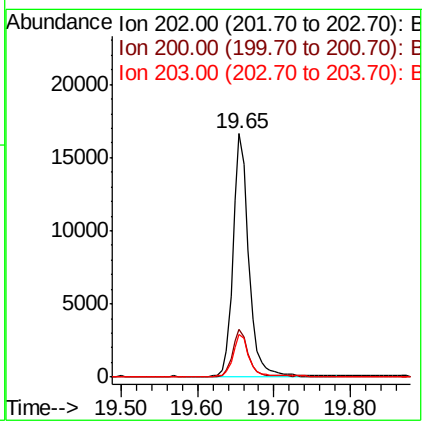


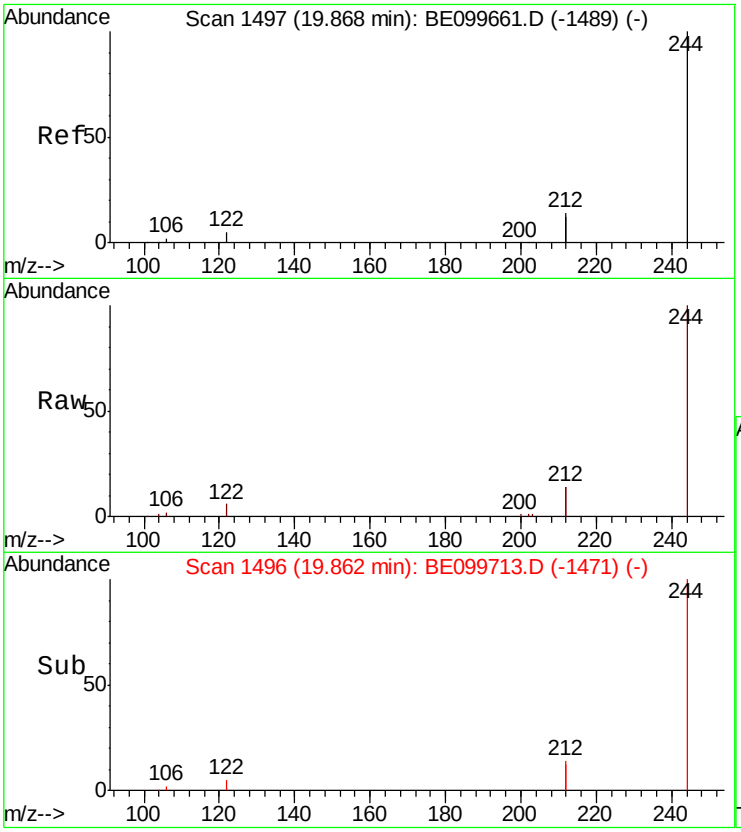


#28
Pyrene
Concen: 0.400 ng
RT: 19.65 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:202 Resp: 23692

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.4	23.2
203	17.4	13.8	20.8



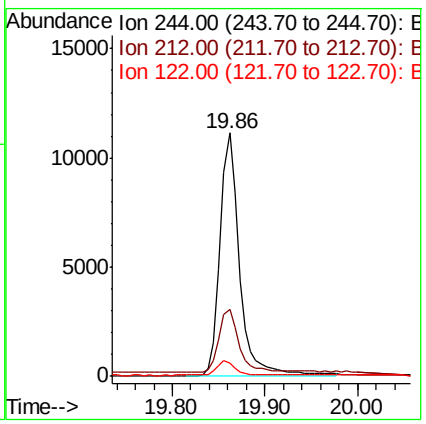


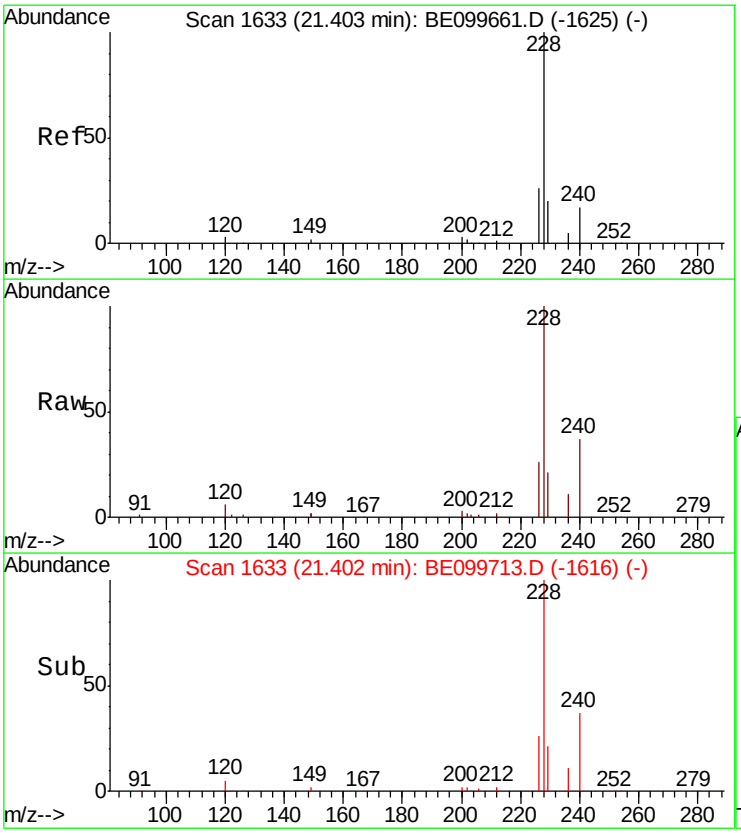
#29
Terphenyl-d14
Concen: 0.380 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 15980

Ion	Ratio	Lower	Upper
244	100		
212	27.7	22.5	33.7
122	5.6	4.3	6.5

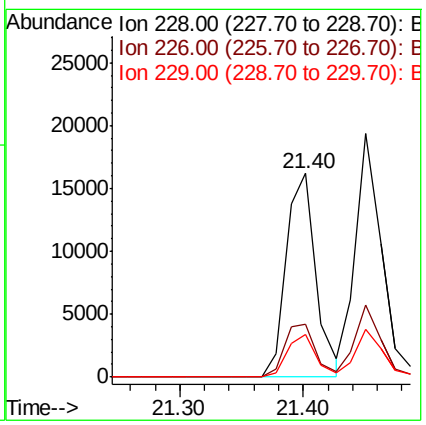


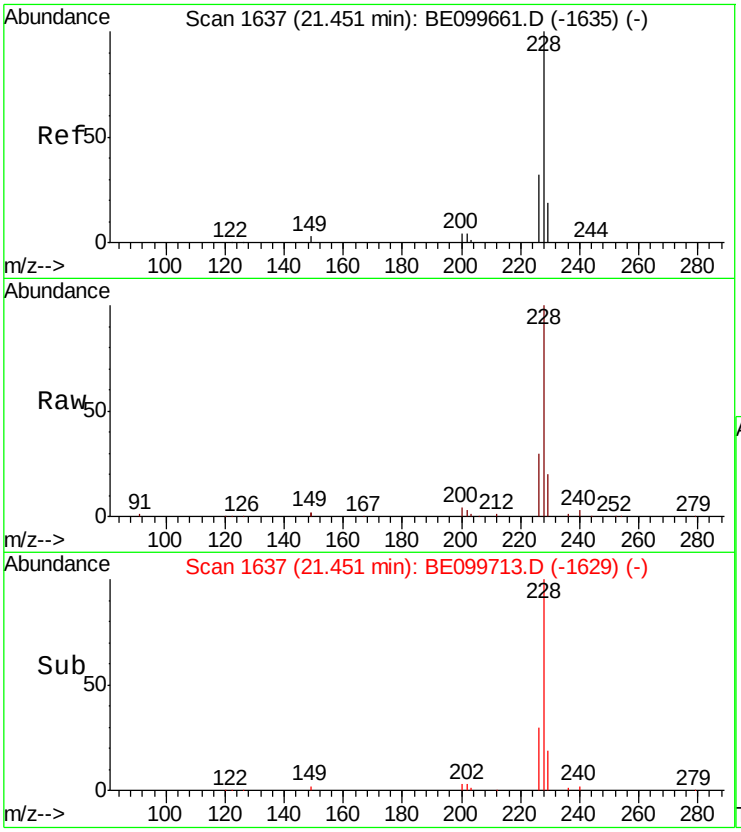


#30
Benzo(a)anthracene
Concen: 0.405 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:228 Resp: 27111

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	20.8	16.1	24.1



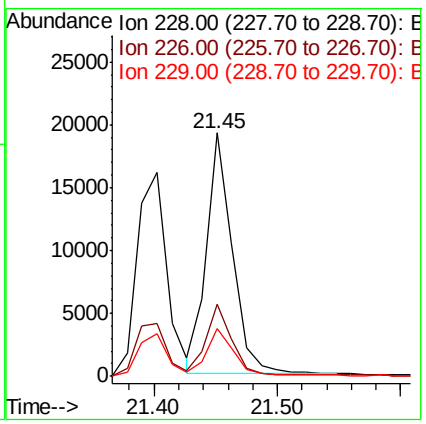


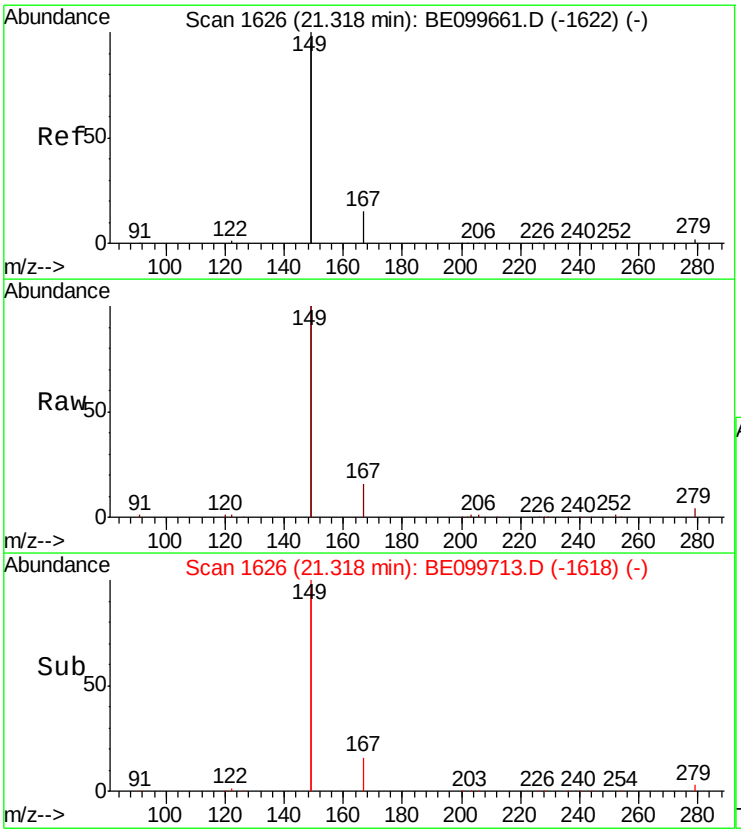
#31
Chrysene
Concen: 0.394 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 28168

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	19.6	15.8	23.6

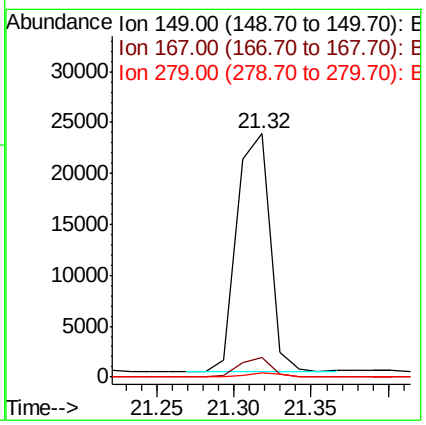


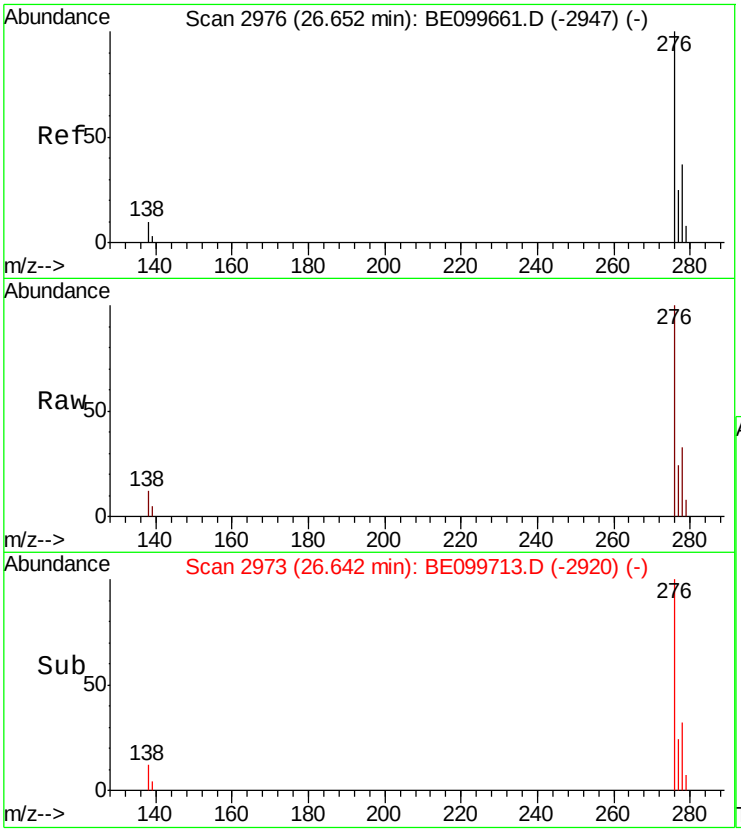


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.448 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:149 Resp: 34544

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.2	9.4
279	1.5	1.2	1.8



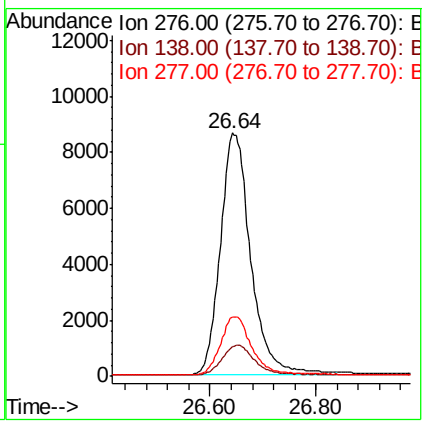


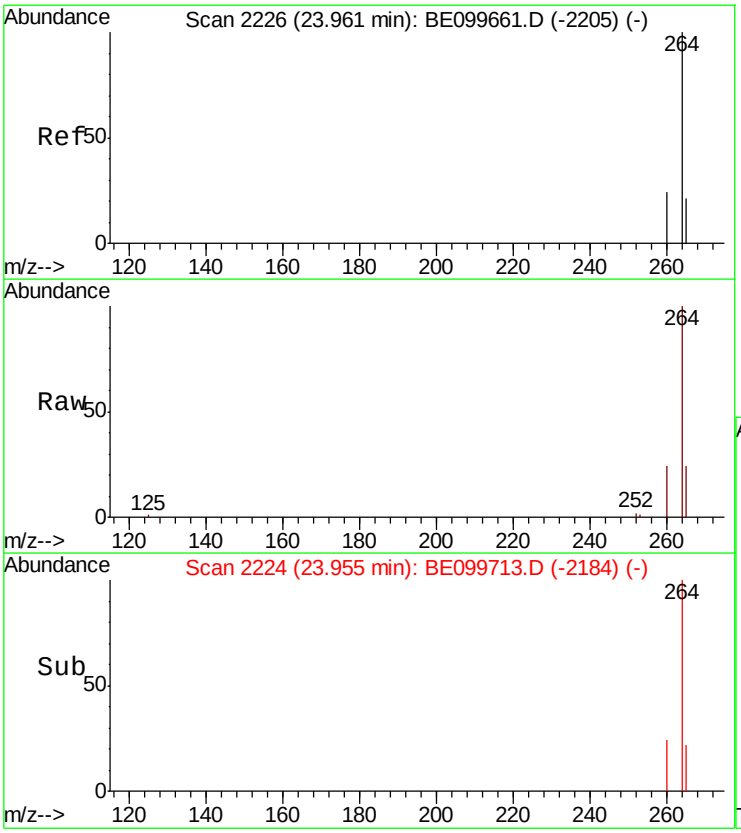
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng
RT: 26.64 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 34412

Ion	Ratio	Lower	Upper
276	100		
138	12.7	9.6	14.4
277	24.1	19.2	28.8

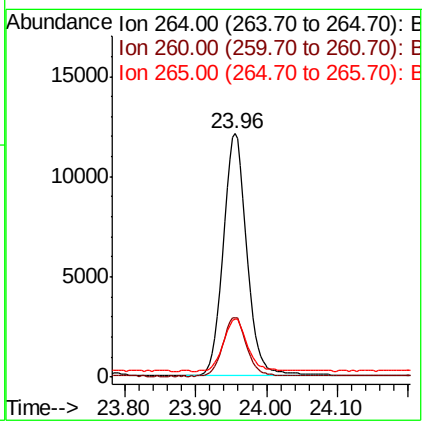


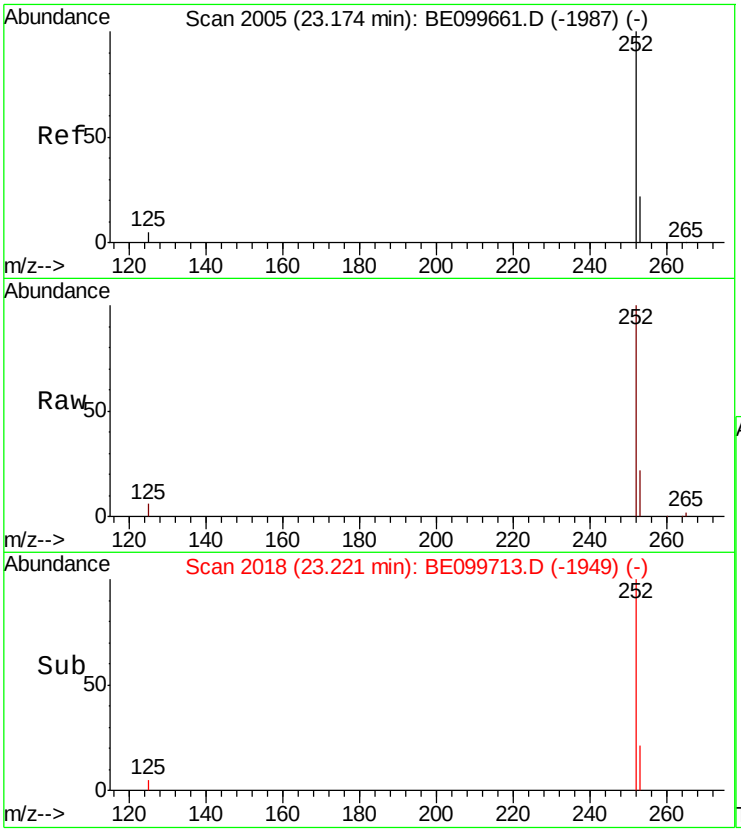


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:264 Resp: 27834

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	24.1	19.1	28.7



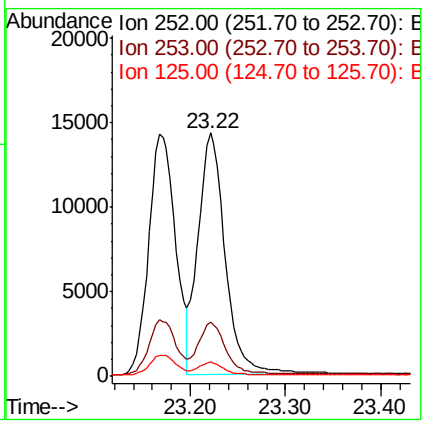


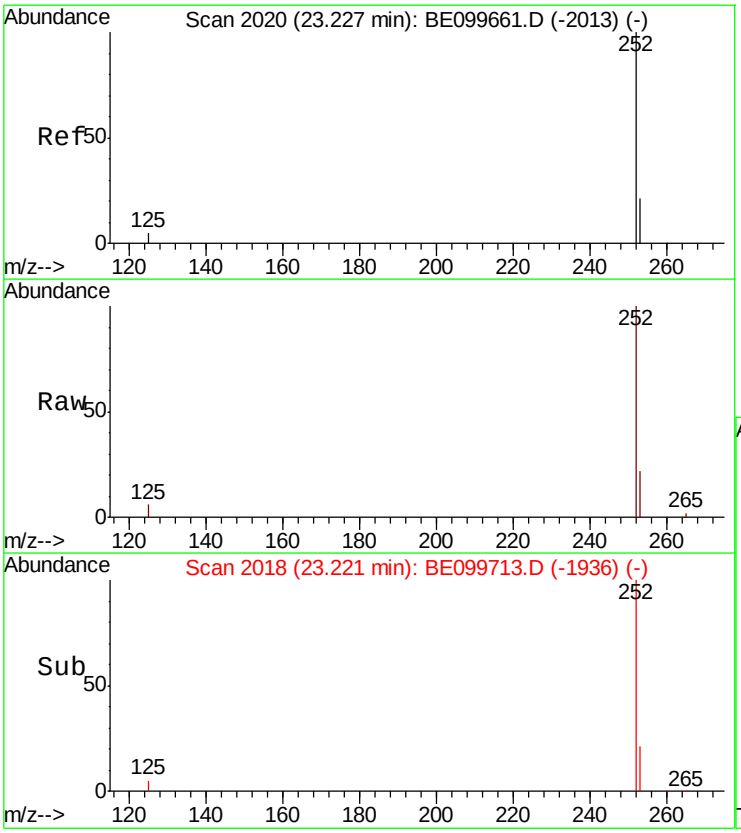
#35
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 23.22 min Scan# 2018
Delta R.T. 0.05 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 28153

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	5.7	4.5	6.7

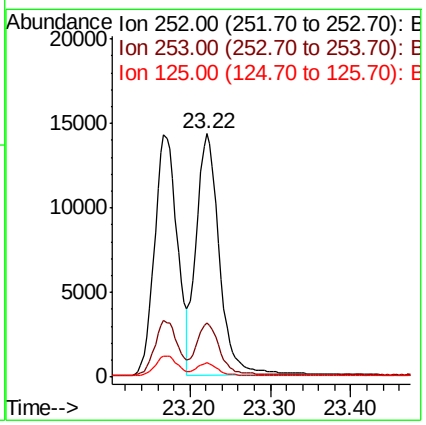


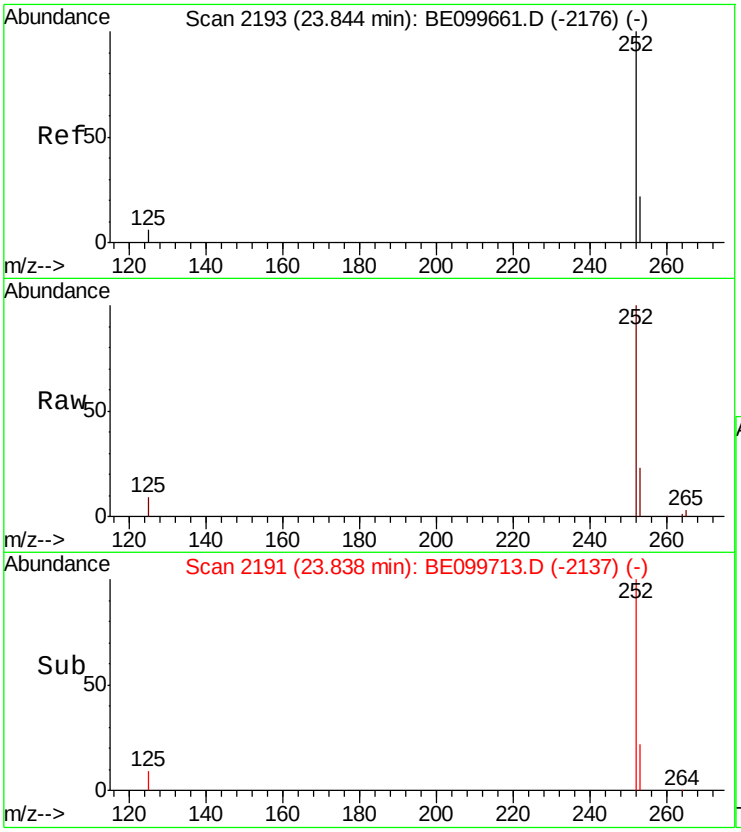


#36
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 23.22 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:252 Resp: 28484

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	5.7	4.6	6.8



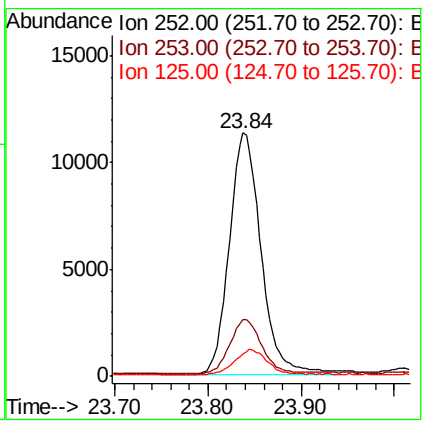


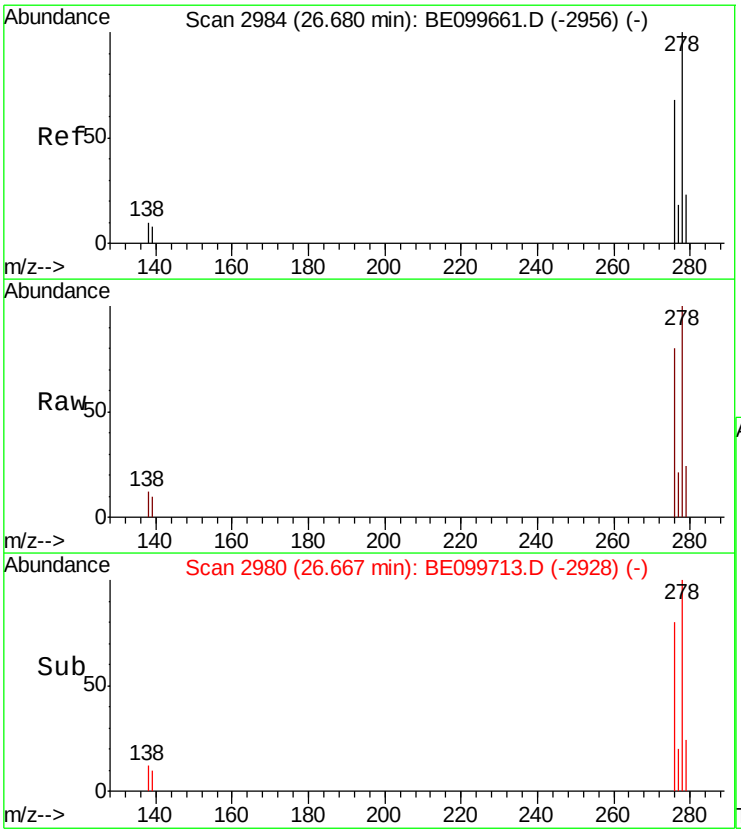
#37
Benzo(a)pyrene
Concen: 0.366 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 26833

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	9.3	5.4	8.0#

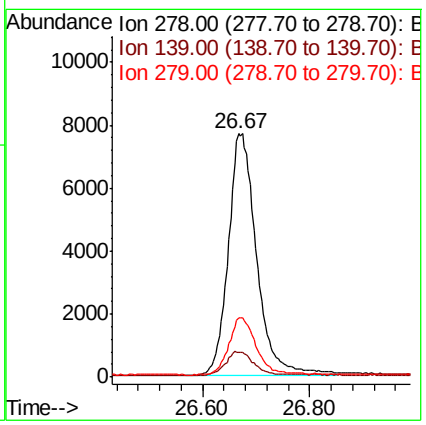


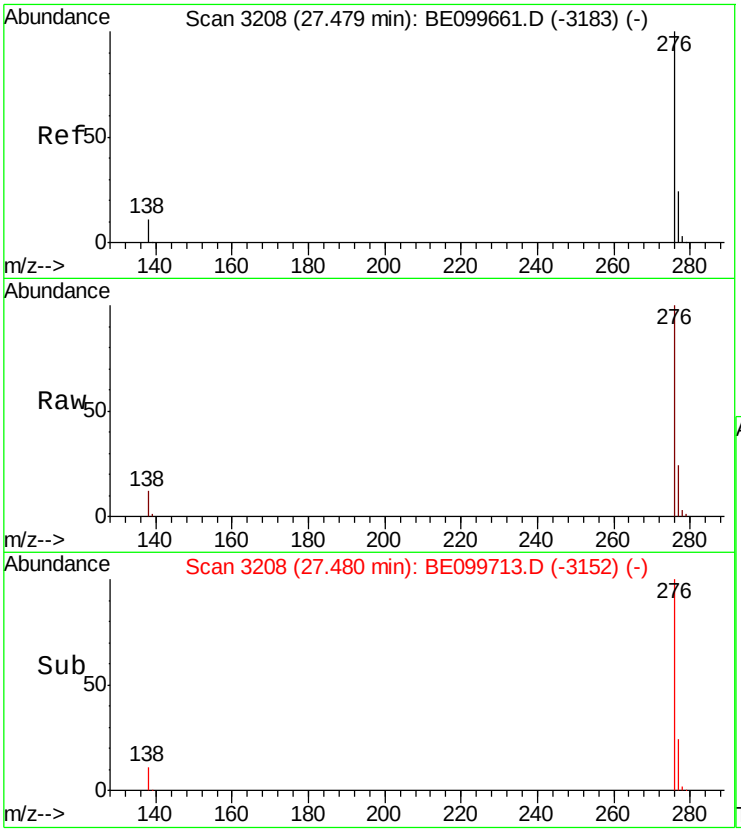


#38
Dibenzo(a,h)anthracene
Concen: 0.366 ng
RT: 26.67 min Scan# 2980
Delta R.T. -0.01 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:278 Resp: 28174

Ion	Ratio	Lower	Upper
278	100		
139	10.4	6.9	10.3#
279	24.4	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.357 ng
RT: 27.48 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 27814

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.6
138	11.6	9.2	13.8