Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
Data File : BE099620.D
Acq On : 16 May 2019 12:37
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 17 07:01:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1812	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	6436	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4631	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	13337	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17912	0.40	ng	0.00
34) Perylene-d12	23.96	264	21354	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1786	0.35	ng	0.00
5) Phenol-d6	6.98	99	2315	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	2100	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3973	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	929	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6459	0.36	ng	0.00
25) Fluoranthene-d10	19.27	212	65238	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	12666	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	915	0.342	ng	# 89
3) n-Nitrosodimethylamine	3.64	42	479	0.281	ng	# 97
6) bis(2-Chloroethyl)ether	7.23	93	2003	0.365	ng	95
9) Naphthalene	10.67	128	25405	0.371	ng	99
10) Hexachlorobutadiene	10.94	225	1885	0.376	ng	99
12) 2-Methylnaphthalene	12.30	142	4158	0.368	ng	98
16) Acenaphthylene	14.21	152	7674	0.351	ng	100
17) Acenaphthene	14.54	154	4367	0.354	ng	99
18) Fluorene	15.53	166	6301	0.356	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	2769	0.360	ng	98
21) Hexachlorobenzene	16.53	284	2915	0.386	ng	99
22) Pentachlorophenol	16.91	266	545	0.399	ng	96
23) Phenanthrene	17.27	178	11774	0.356	ng	99
24) Anthracene	17.36	178	10170	0.333	ng	99
26) Fluoranthene	19.30	202	18866	0.377	ng	99
28) Pyrene	19.66	202	19161	0.420	ng	99
30) Benzo(a)anthracene	21.40	228	20392	0.377	ng	100
31) Chrysene	21.46	228	22253	0.399	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	27653	0.331	ng	99
33) Indeno(1,2,3-cd)pyrene	26.65	276	27124	0.391	ng	99
35) Benzo(b)fluoranthene	23.17	252	21521	0.360	ng	98
36) Benzo(k)fluoranthene	23.23	252	21697	0.368	ng	99
37) Benzo(a)pyrene	23.84	252	21120	0.365	ng	98
38) Dibenzo(a,h)anthracene	26.68	278	22228	0.371	ng	98
39) Benzo(g,h,i)perylene	27.49	276	22563	0.374	ng	99

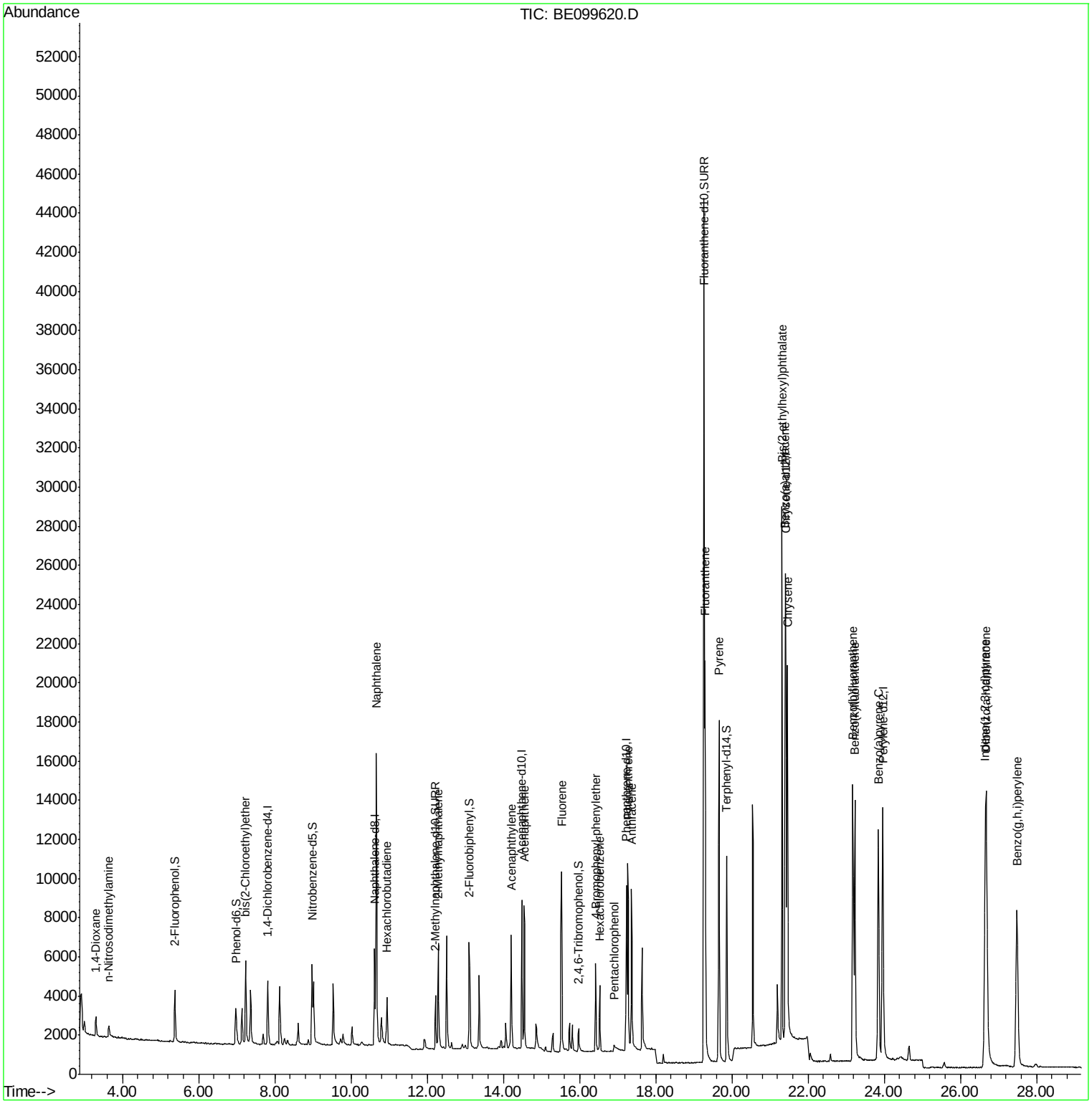
(#) = qualifier out of range (m) = manual integration (+) = signals summed

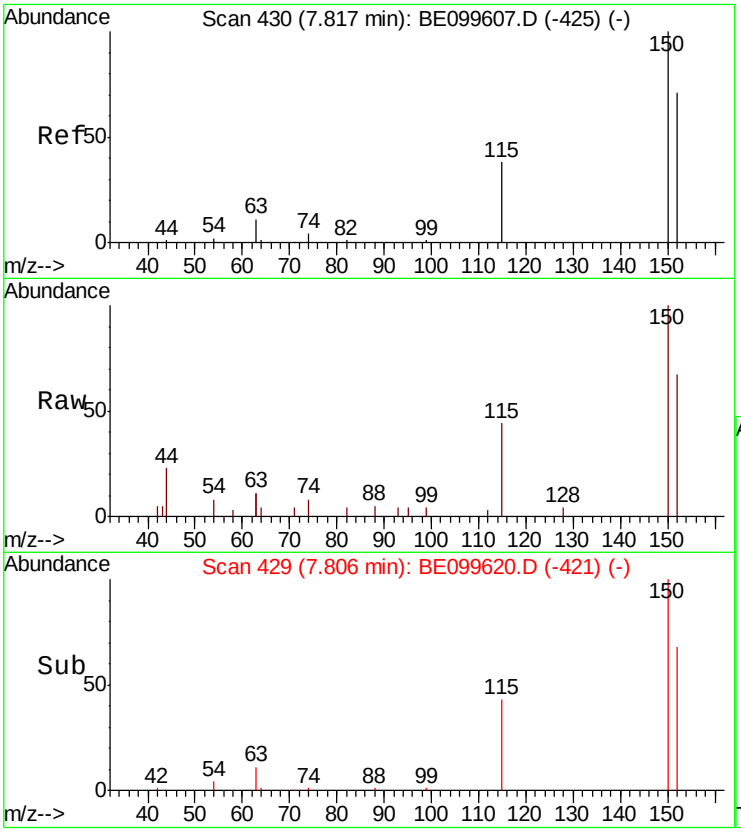
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
Data File : BE099620.D
Acq On : 16 May 2019 12:37
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 17 07:01:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
Response via : Initial Calibration



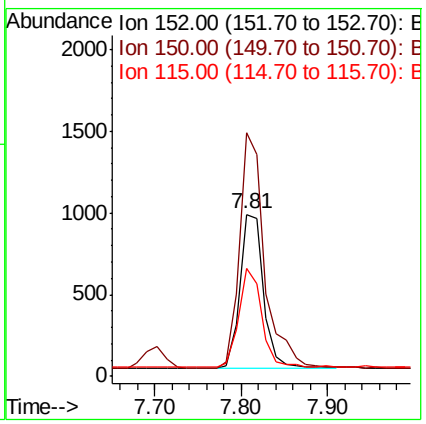


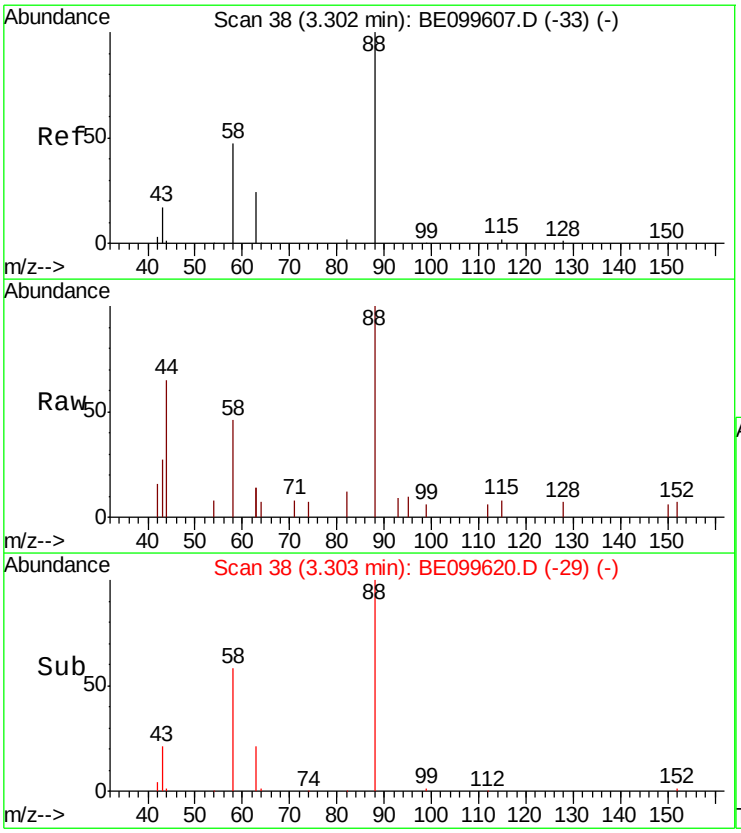
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1812

Ion	Ratio	Lower	Upper
152	100		
150	150.2	110.1	165.1
115	66.3	46.2	69.4

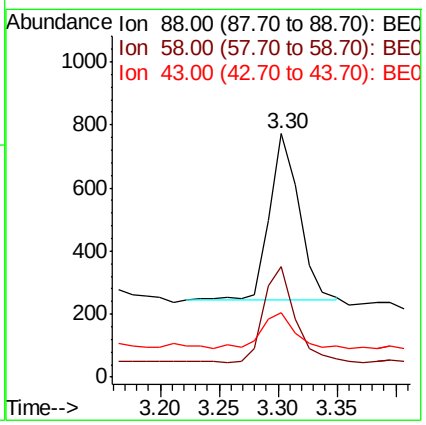


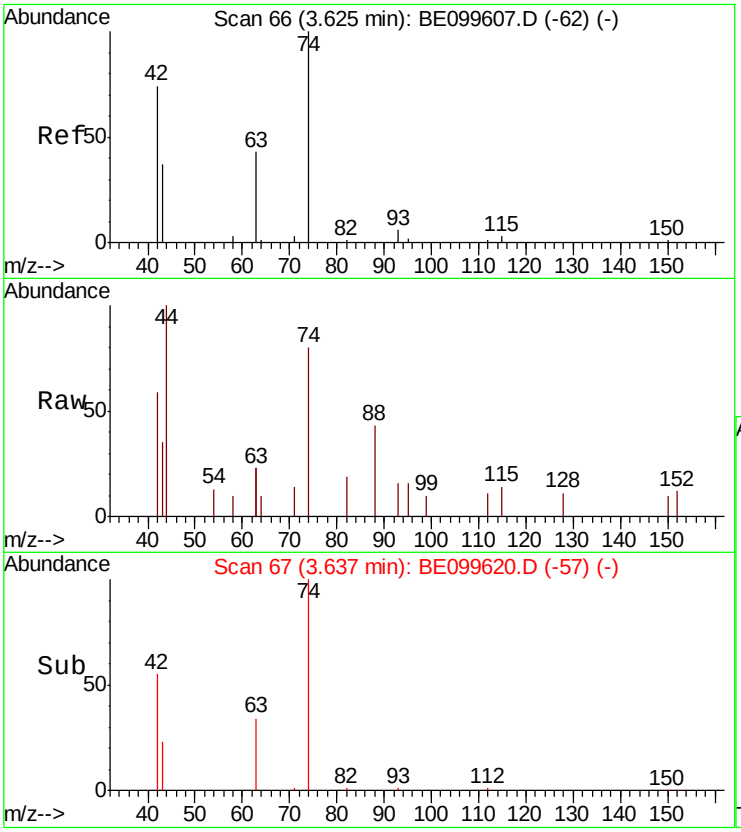


#2
1,4-Dioxane
Concen: 0.342 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion: 88 Resp: 915

Ion	Ratio	Lower	Upper
88	100		
58	60.2	39.8	59.6#
43	25.4	21.0	31.6



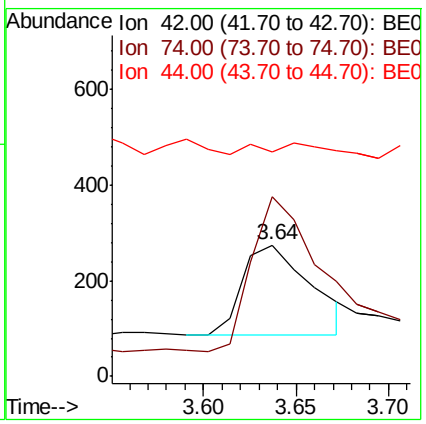


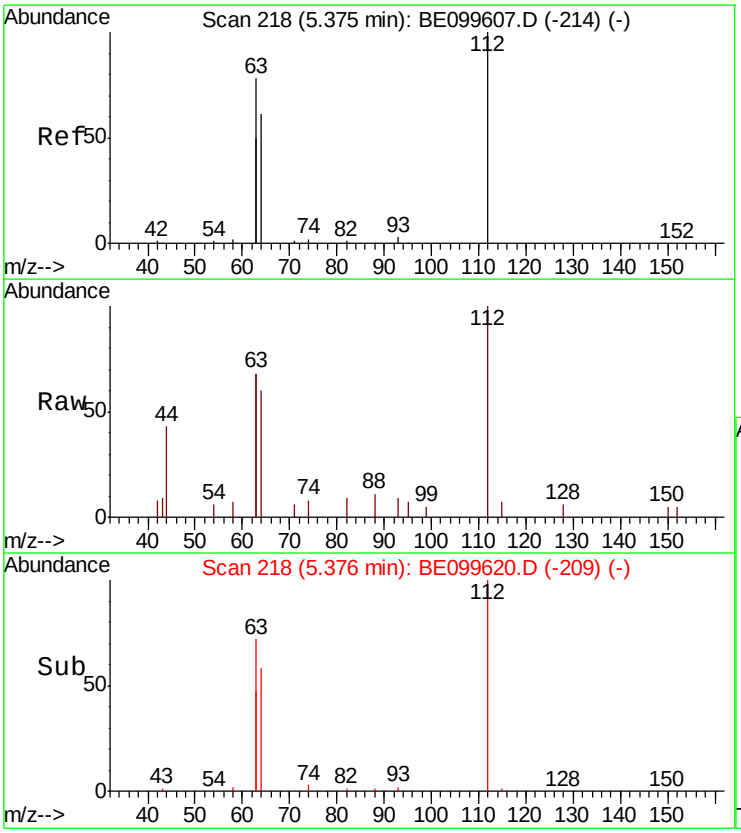
#3
n-Nitrosodimethylamine
Concen: 0.281 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 479

Ion	Ratio	Lower	Upper
42	100		
74	164.5	134.7	202.1
44	11.9	12.5	18.7#

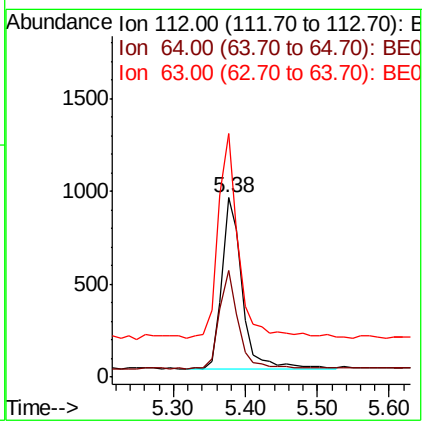


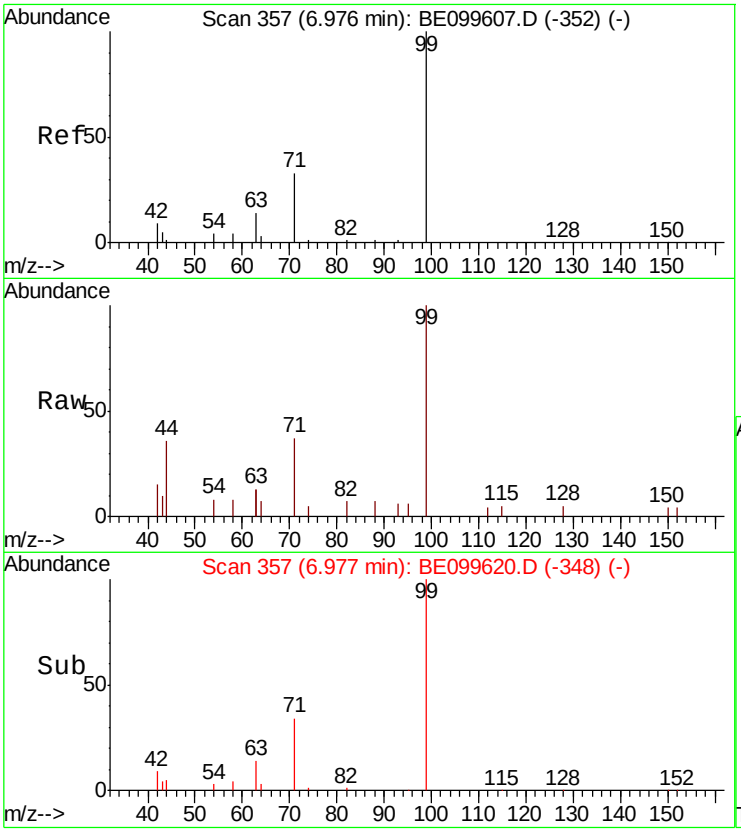


#4
2-Fluorophenol
Concen: 0.347 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:112 Resp: 1786

Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.7	65.5
63	120.1	94.0	141.0



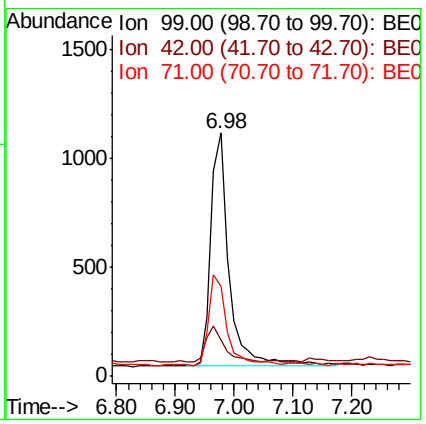


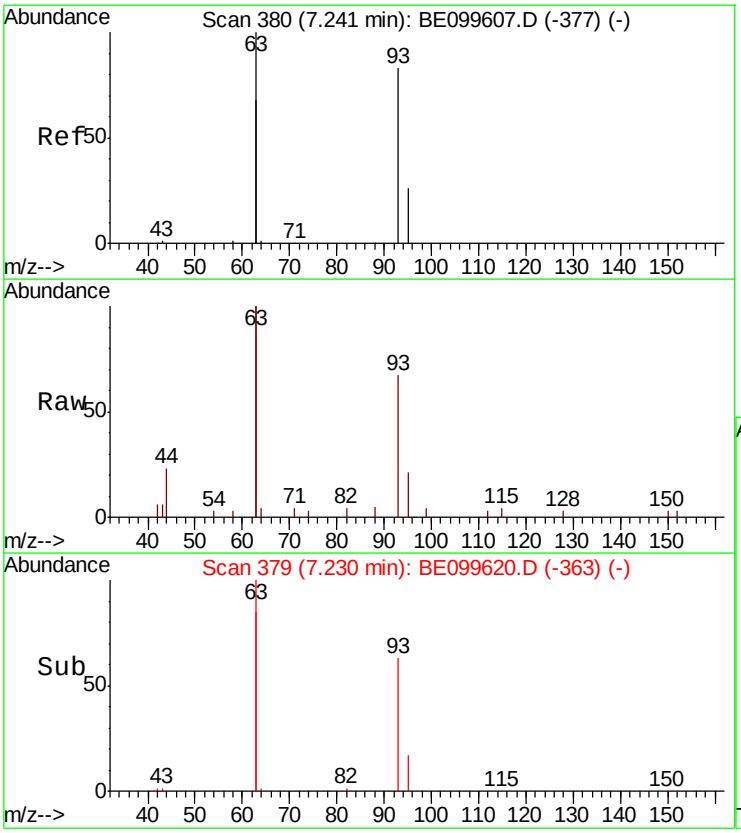
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2315

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.3	21.5
71	38.1	33.1	49.7

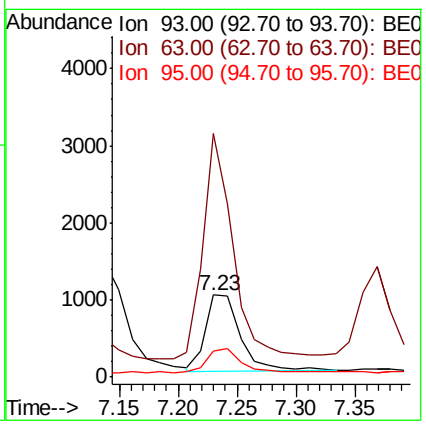


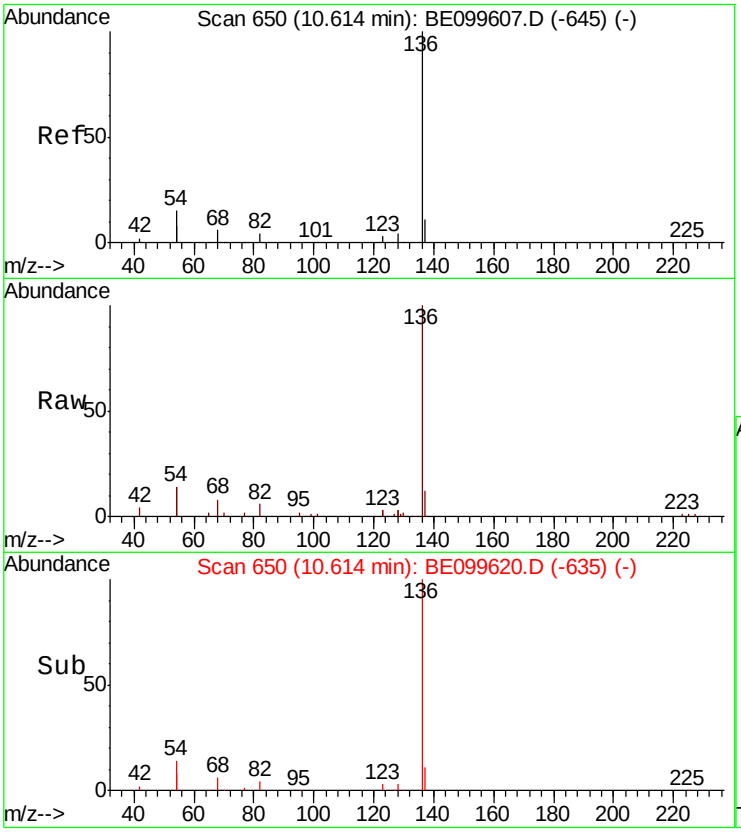


#6
bis(2-Chloroethyl)ether
Concen: 0.365 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion: 93 Resp: 2003

Ion	Ratio	Lower	Upper
93	100		
63	260.7	201.0	301.4
95	32.0	25.0	37.4



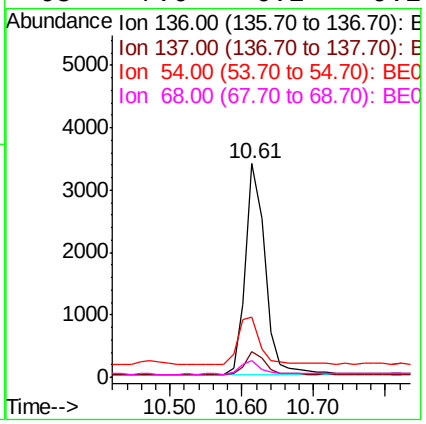


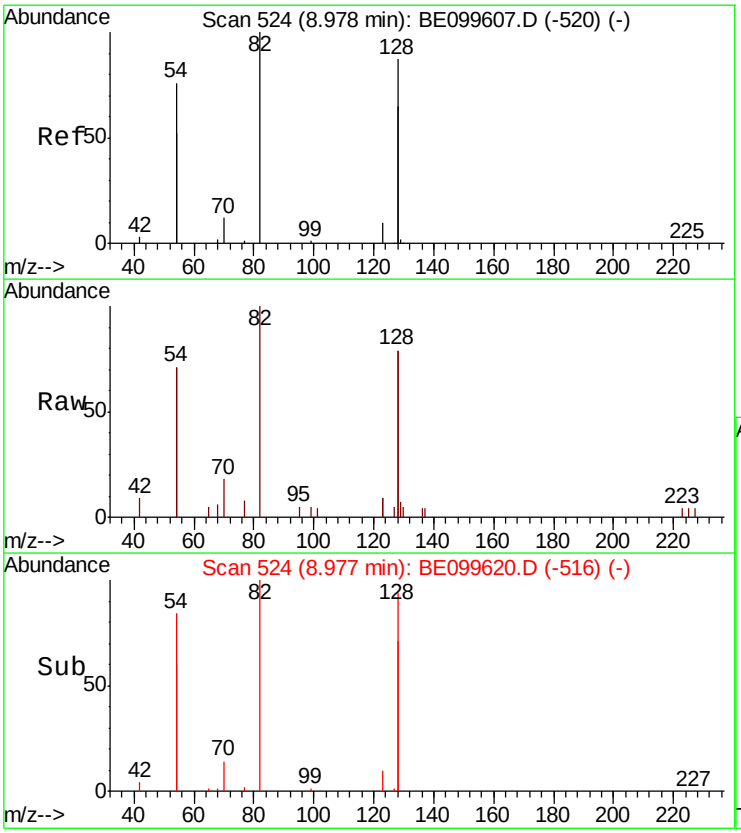
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 6436

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	27.9	23.8	35.8
68	7.6	6.2	9.2

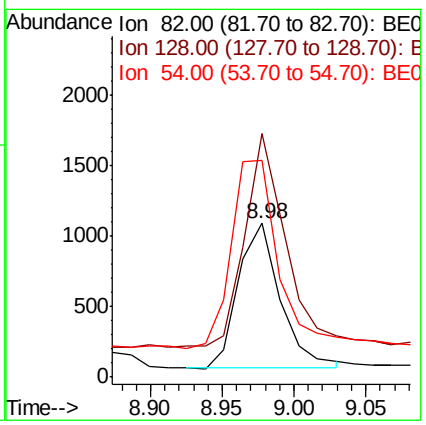


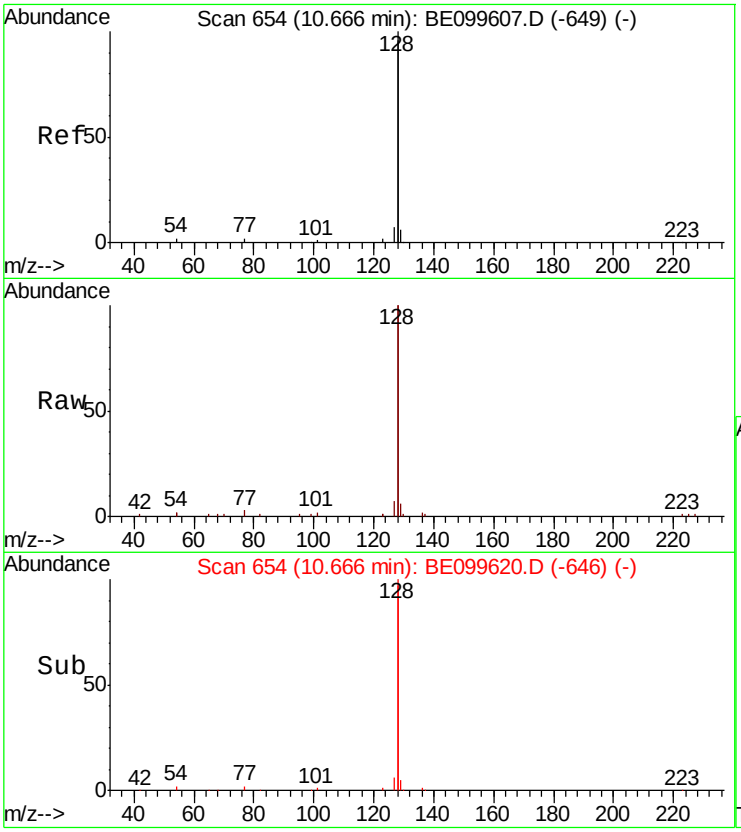


#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion: 82 Resp: 2100

Ion	Ratio	Lower	Upper
82	100		
128	158.3	131.4	197.2
54	141.3	113.9	170.9



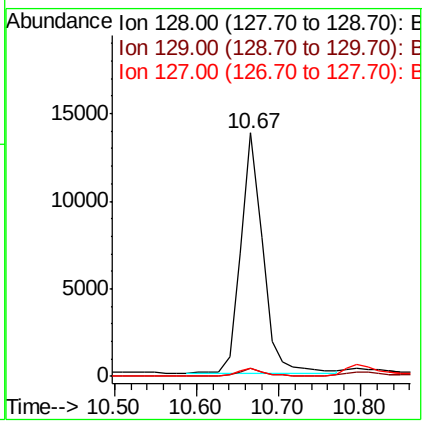


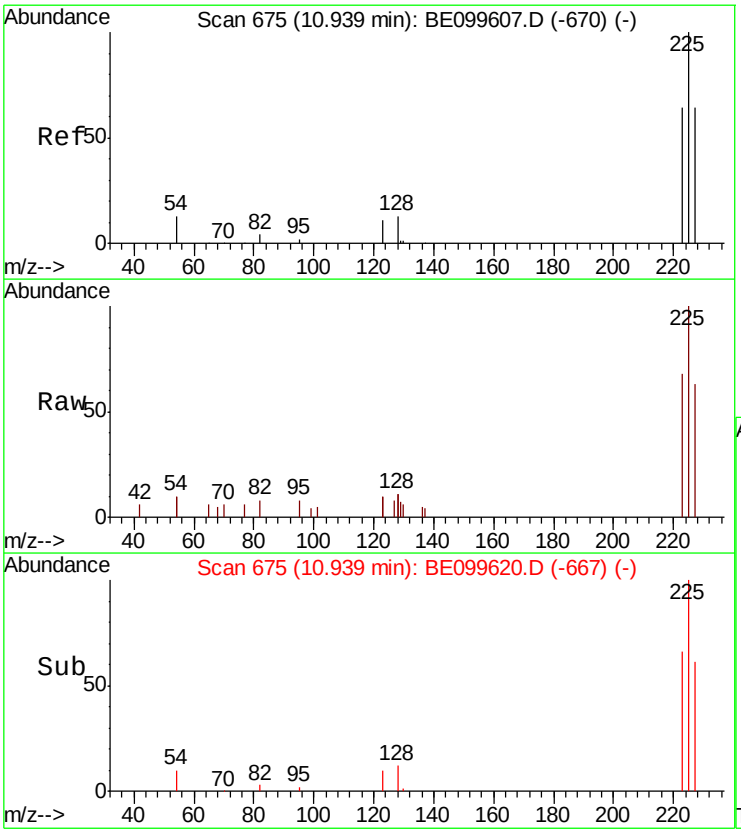
#9
Naphthalene
Concen: 0.371 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 25405

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	4.0
127	3.4	3.0	4.6

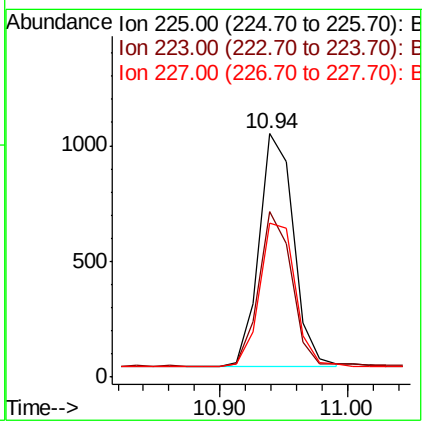


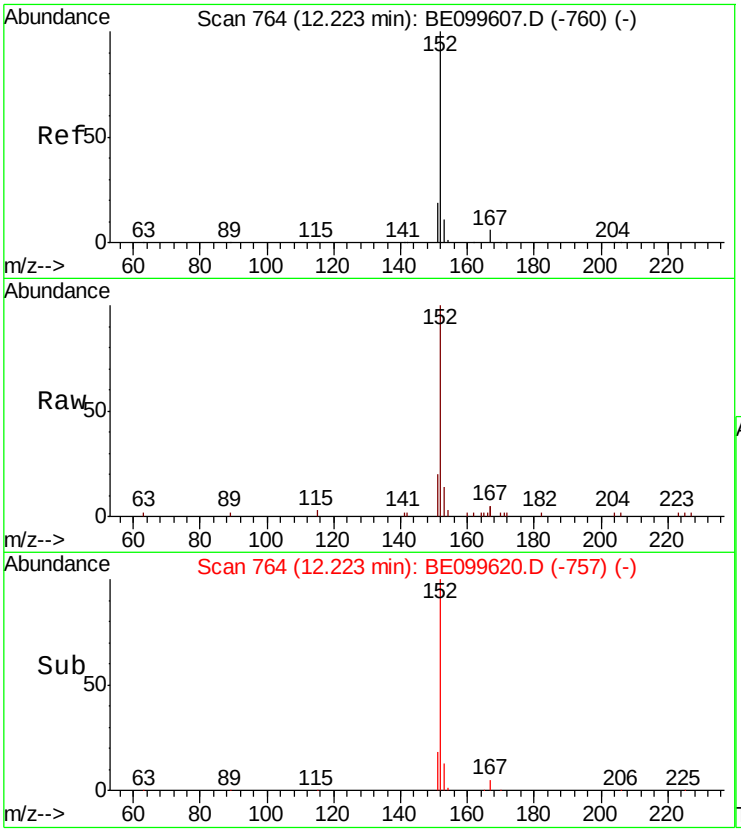


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:225 Resp: 1885

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.8
227	64.1	51.2	76.8



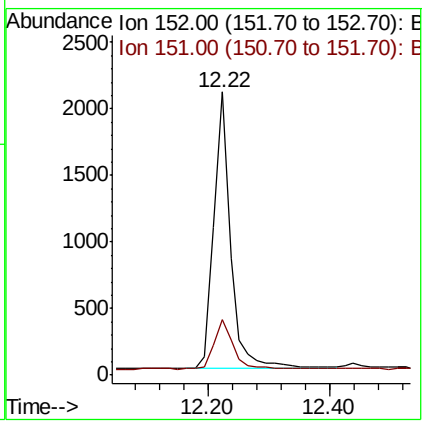


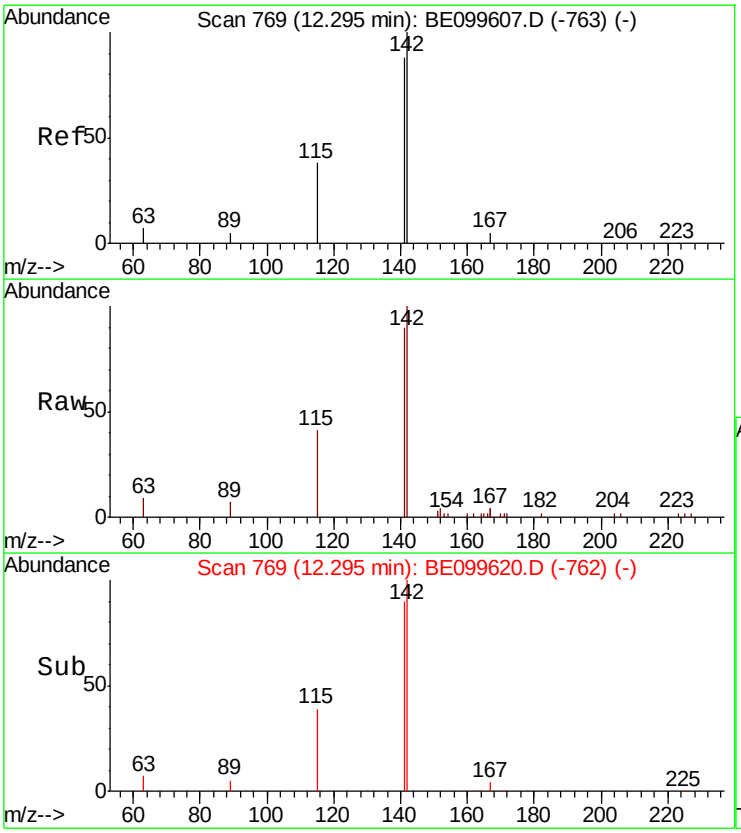
#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3973

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.3	22.9

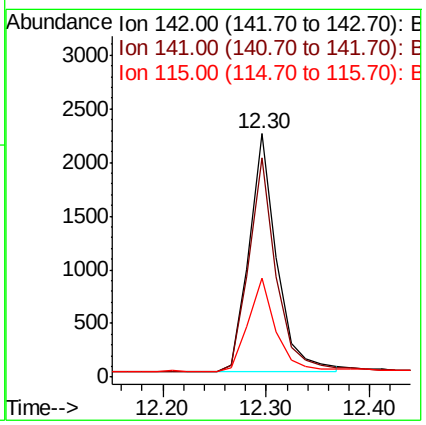


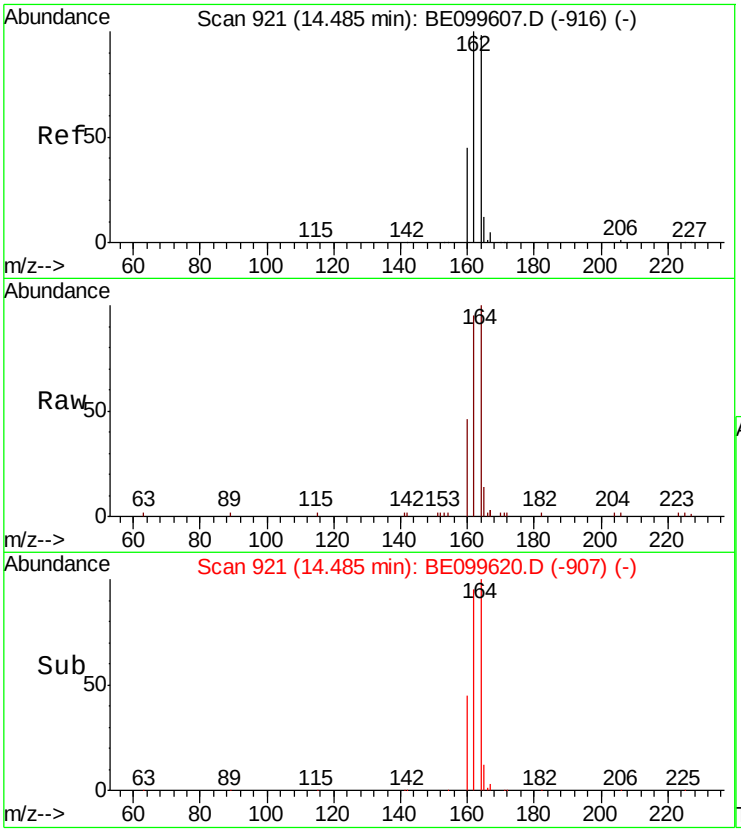


#12
2-Methylnaphthalene
Concen: 0.368 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:142 Resp: 4158

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.4	105.6
115	40.9	32.2	48.4



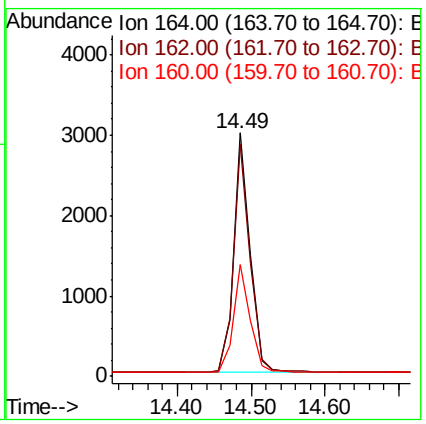


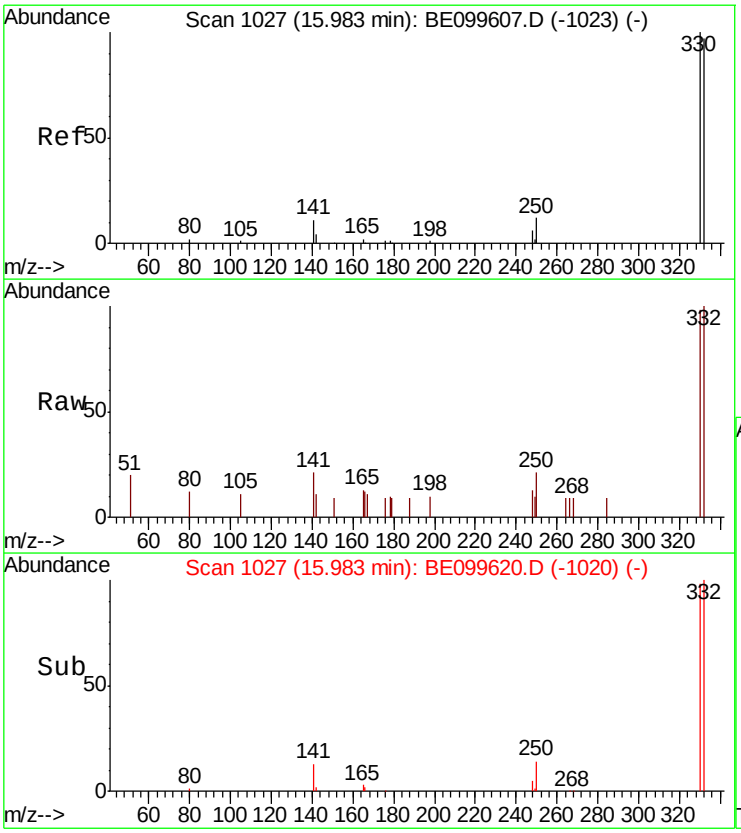
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4631

Ion	Ratio	Lower	Upper
164	100		
162	95.2	81.4	122.0
160	45.8	37.4	56.2

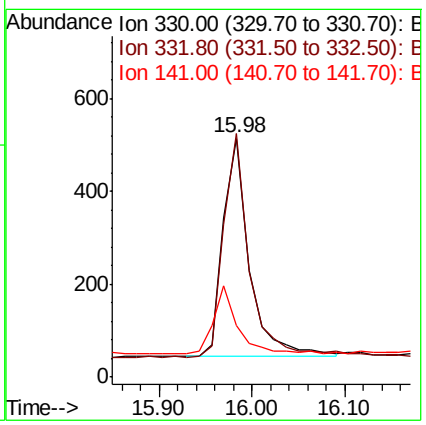


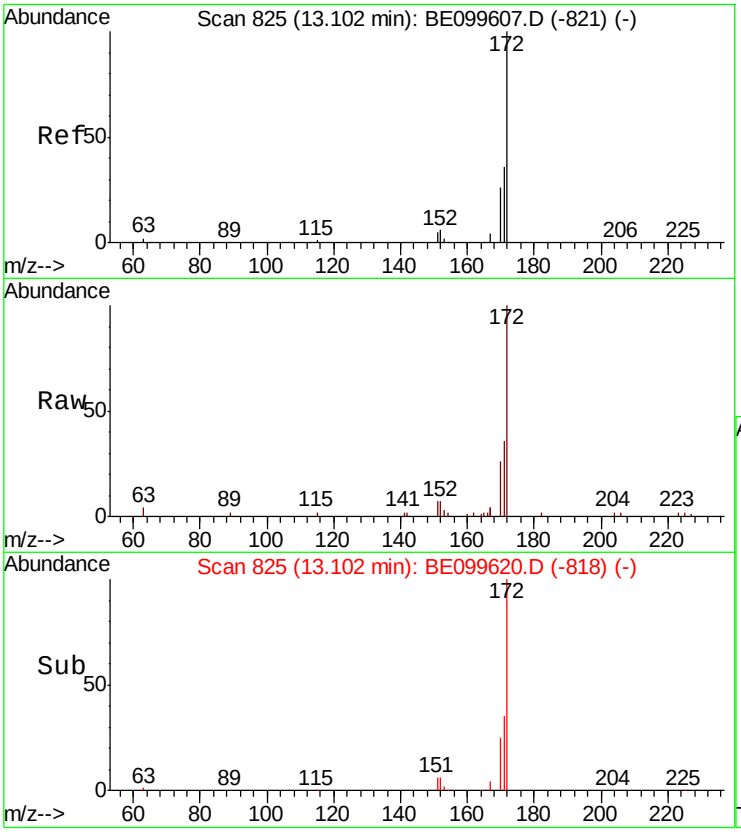


#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:330 Resp: 929

Ion	Ratio	Lower	Upper
330	100		
332	102.0	73.8	110.8
141	29.4	21.0	31.6



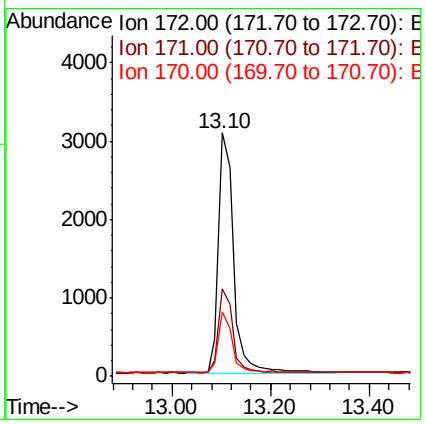


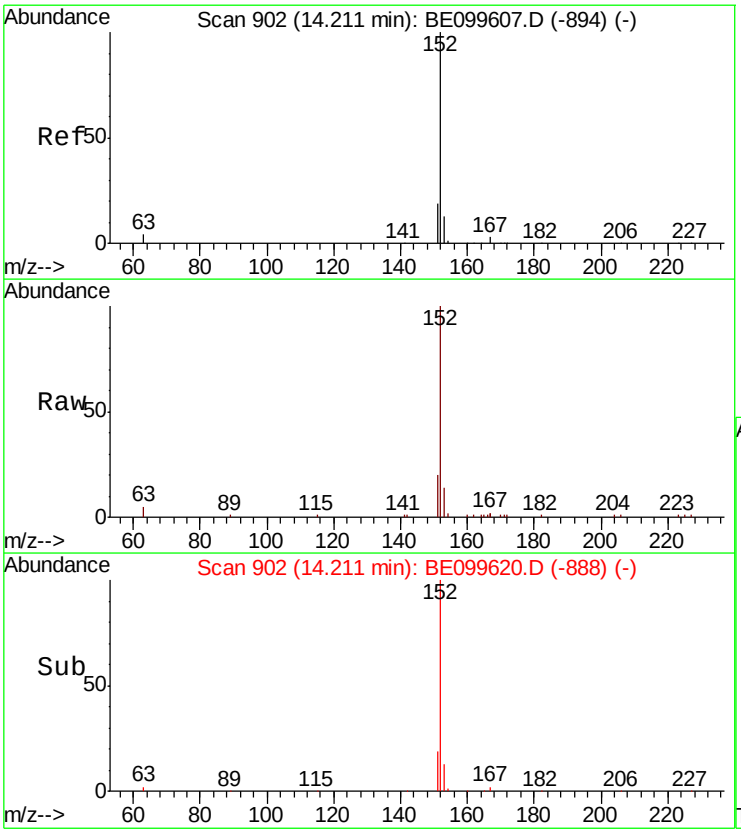
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6459

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.2
170	26.3	21.5	32.3

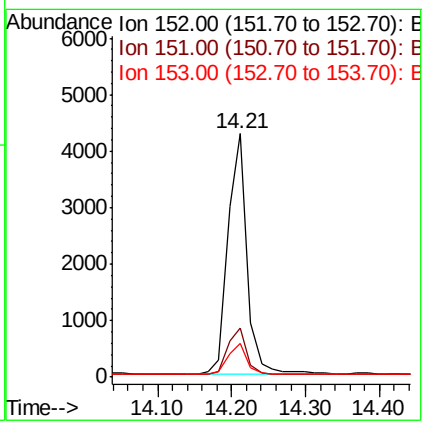


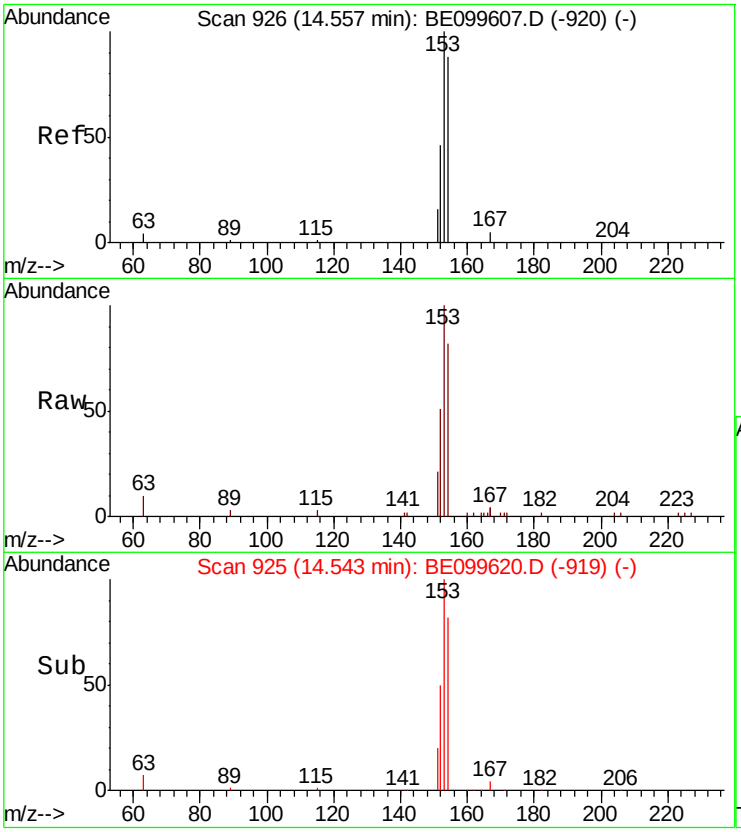


#16
Acenaphthylene
Concen: 0.351 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:152 Resp: 7674

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	12.8	10.4	15.6



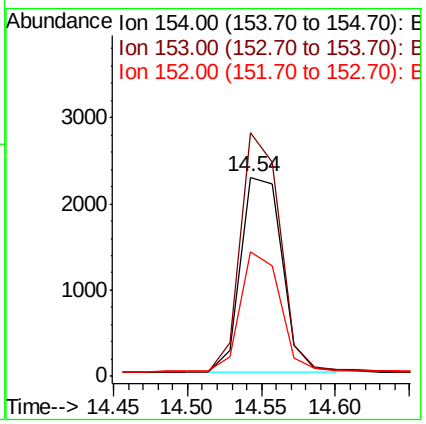


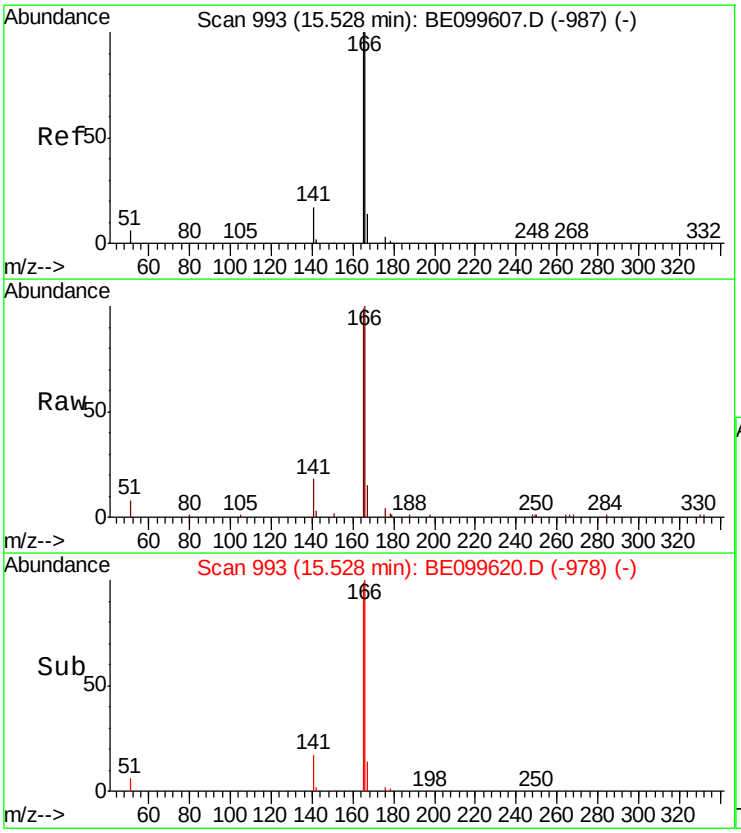
#17
Acenaphthene
Concen: 0.354 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4367

Ion	Ratio	Lower	Upper
154	100		
153	117.8	94.1	141.1
152	59.1	46.5	69.7

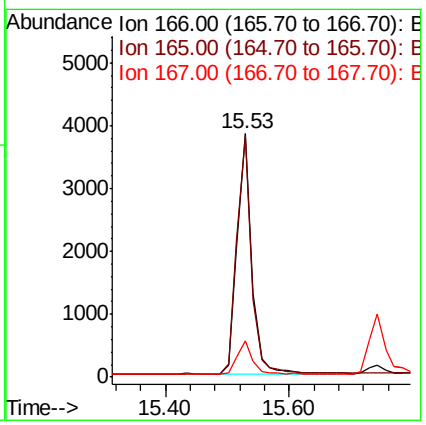


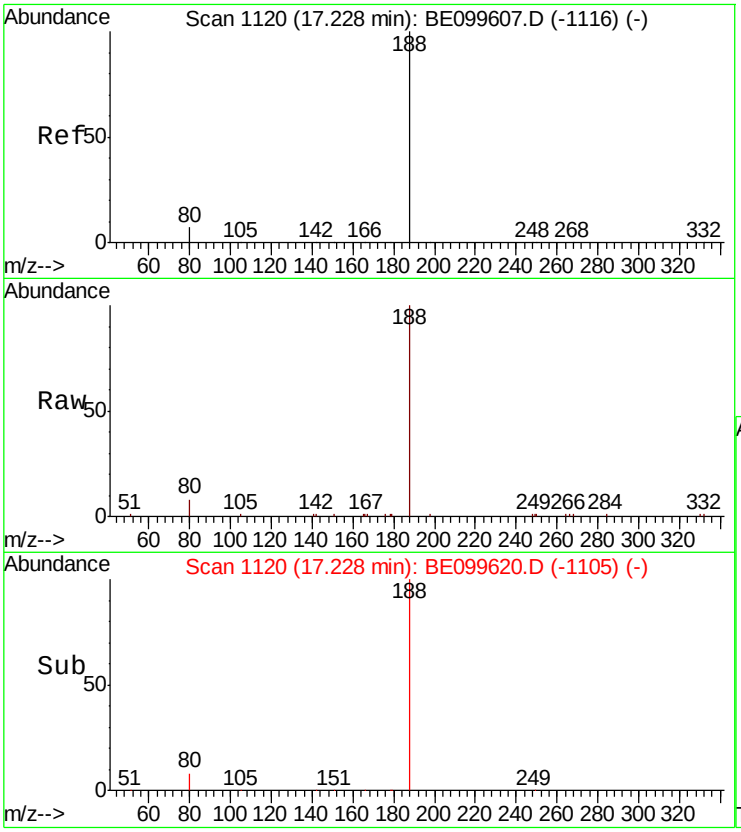


#18
Fluorene
Concen: 0.356 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:166 Resp: 6301

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	14.0	11.2	16.8



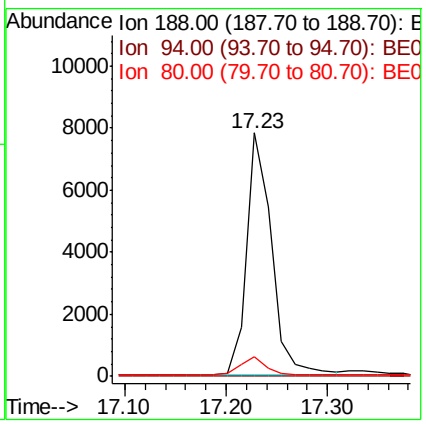


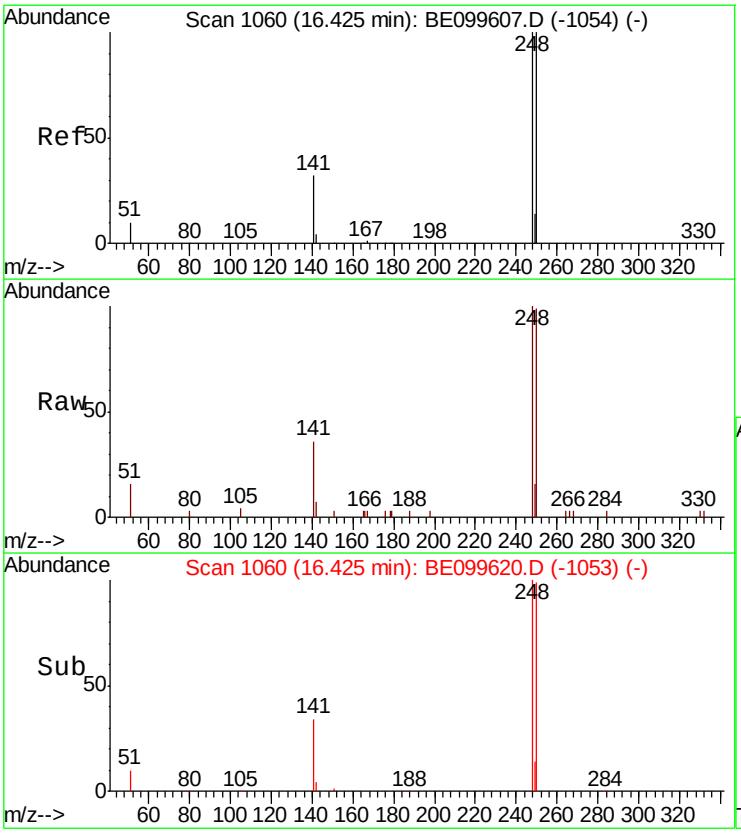
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 13337

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.4	9.6

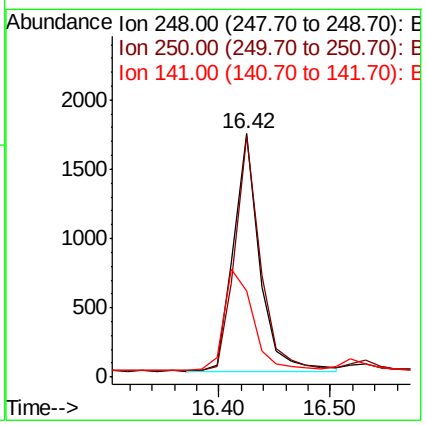


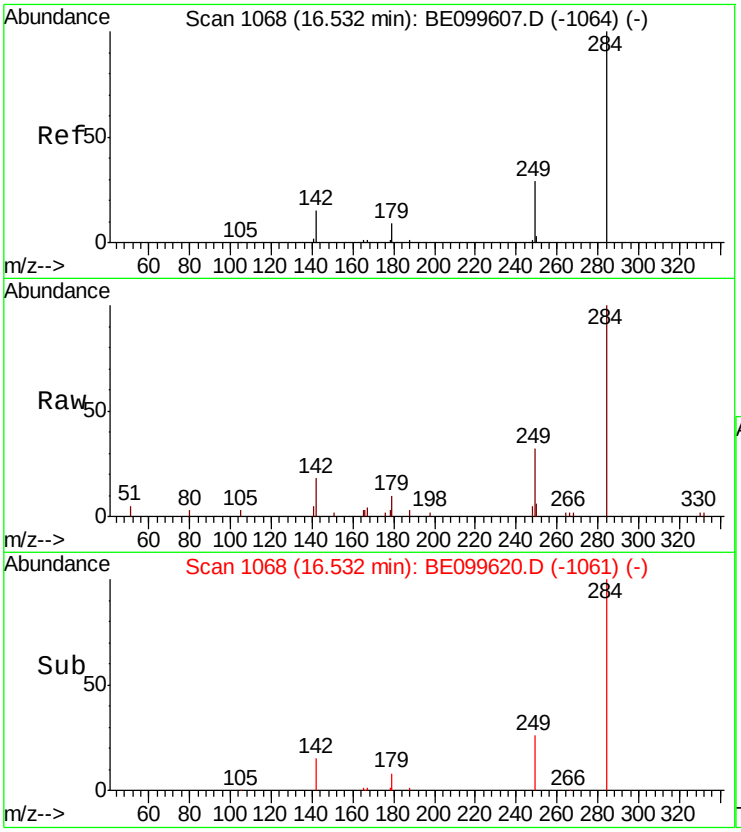


#20
4-Bromophenyl-phenylether
Concen: 0.360 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:248 Resp: 2769

Ion	Ratio	Lower	Upper
248	100		
250	98.9	80.4	120.6
141	35.6	27.8	41.8



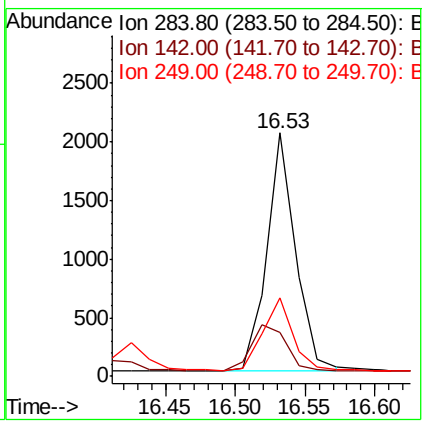


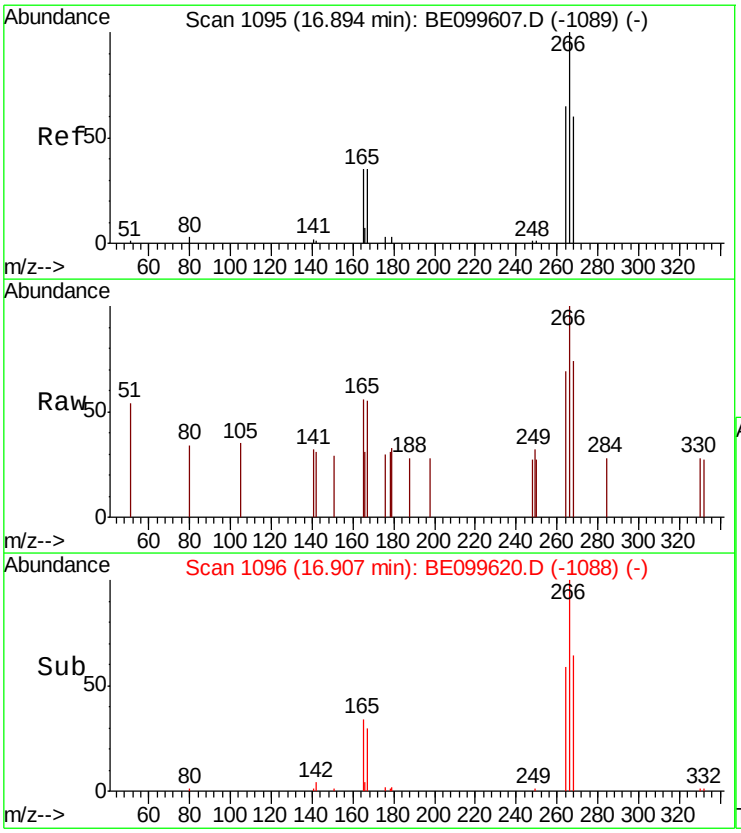
#21
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2915

Ion	Ratio	Lower	Upper
284	100		
142	23.3	19.4	29.2
249	31.0	24.6	37.0

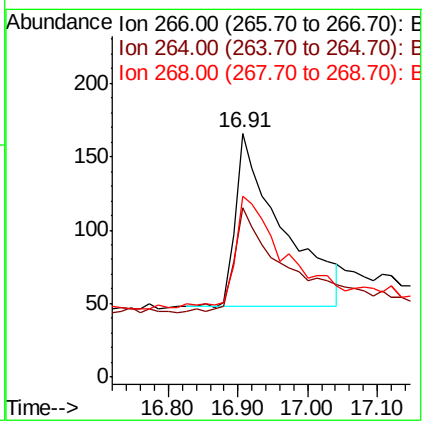


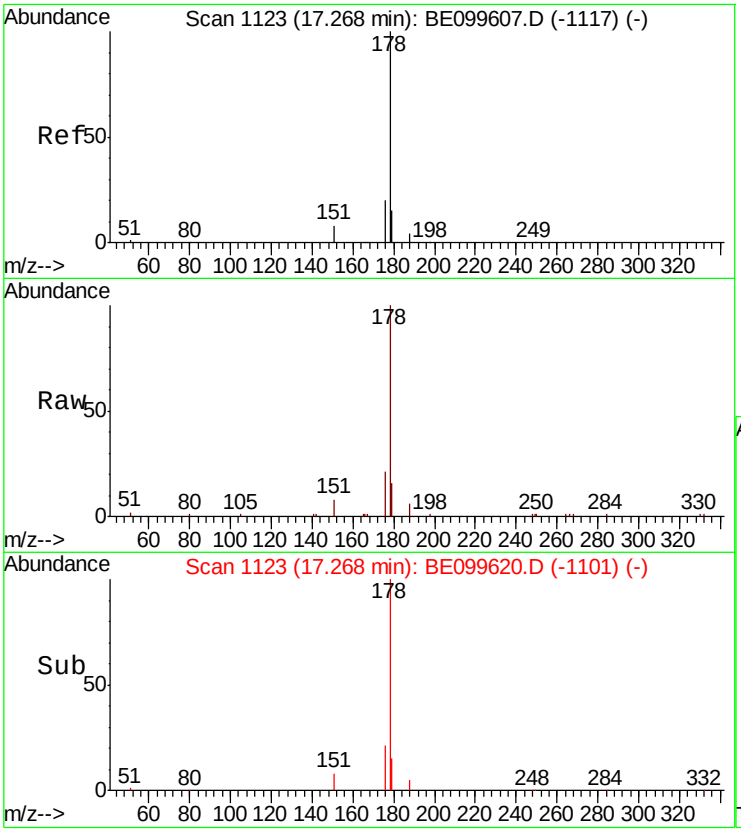


#22
Pentachlorophenol
Concen: 0.399 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:266 Resp: 545

Ion	Ratio	Lower	Upper
266	100		
264	69.3	57.7	86.5
268	74.1	55.8	83.8



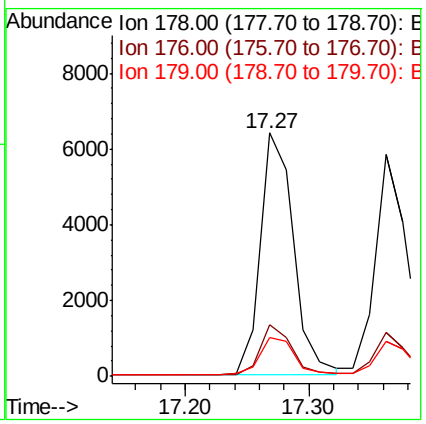


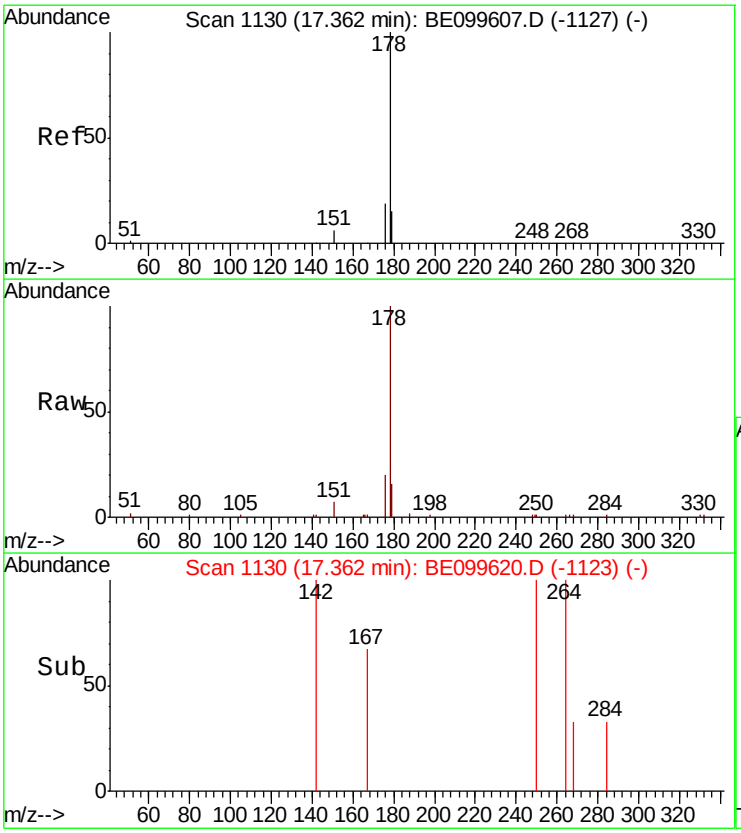
#23
Phenanthrene
Concen: 0.356 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 11774

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.0	12.2	18.2

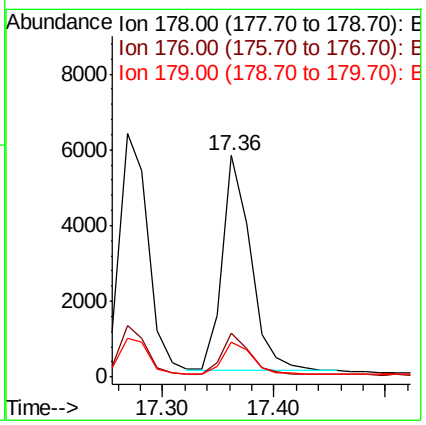


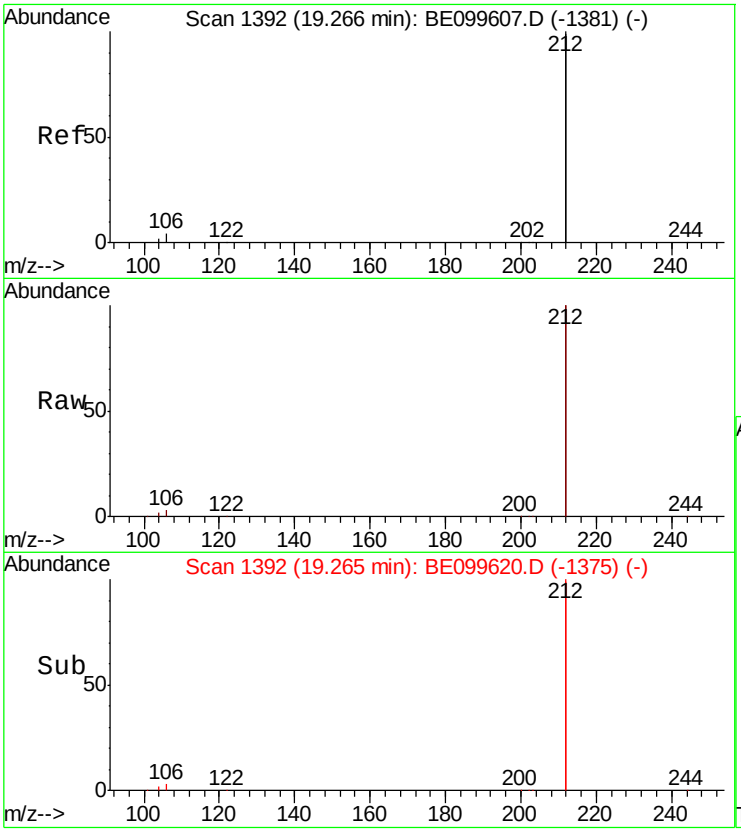


#24
Anthracene
Concen: 0.333 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:178 Resp: 10170

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.6	12.1	18.1



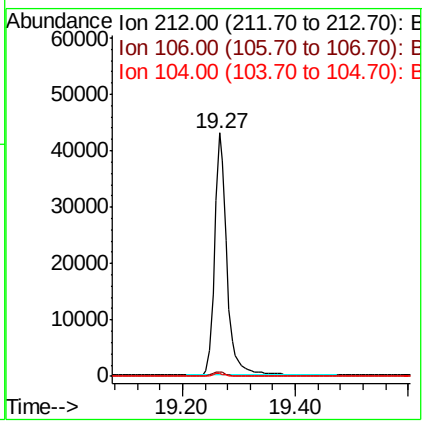


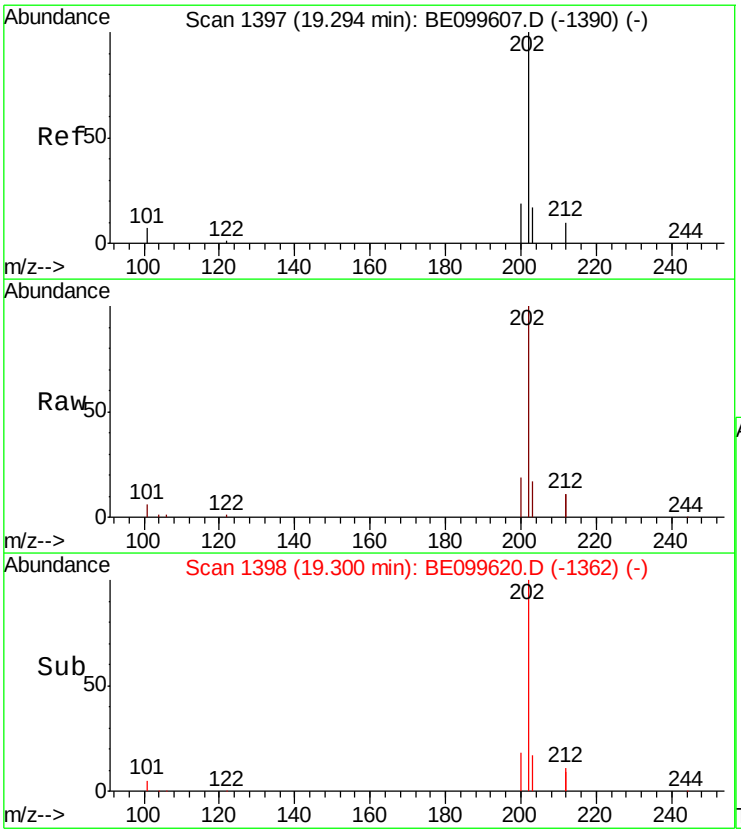
#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 65238

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

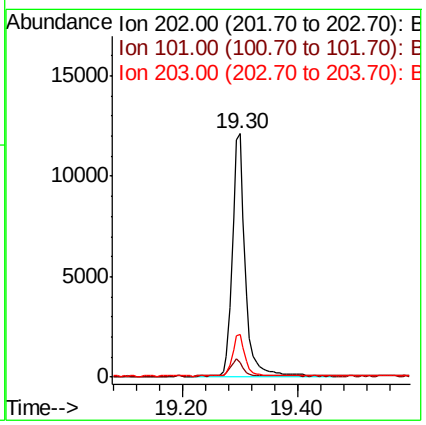


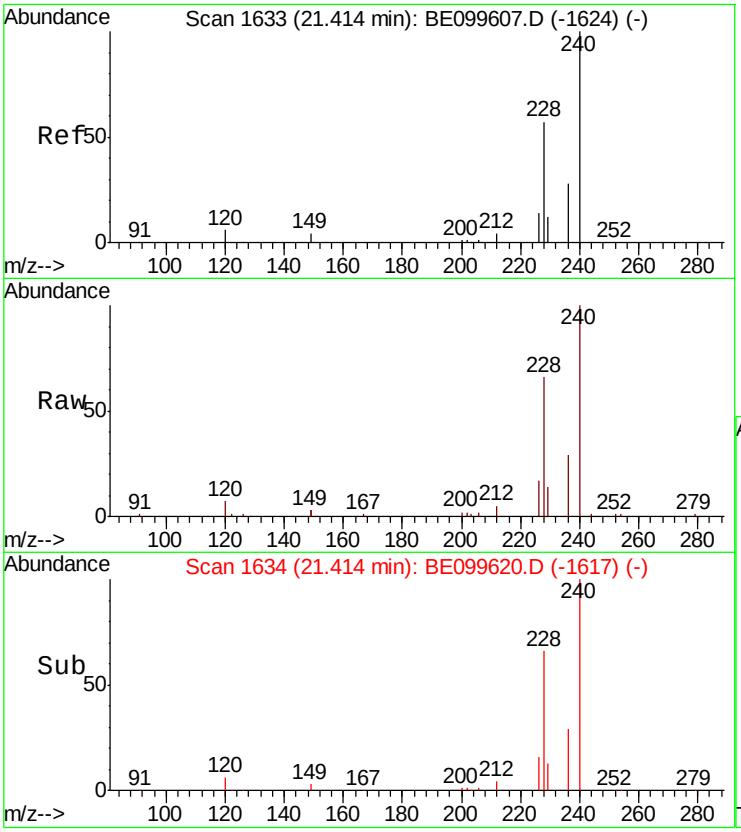


#26
Fluoranthene
Concen: 0.377 ng
RT: 19.30 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:202 Resp: 18866

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.0	7.6
203	16.9	13.7	20.5



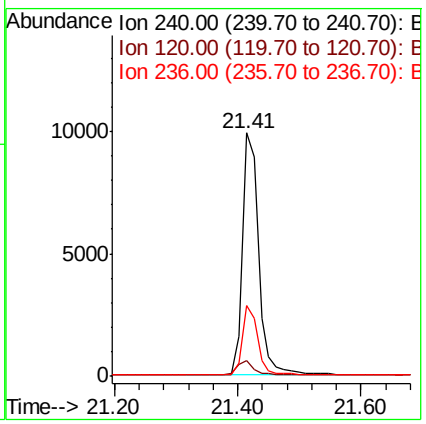


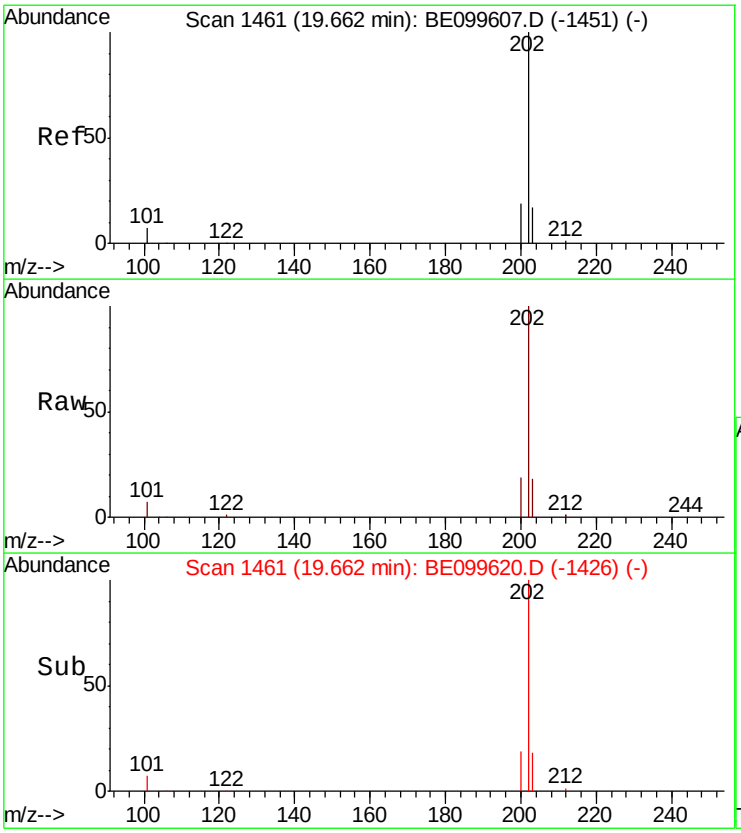
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 17912

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.7	8.5
236	28.9	22.8	34.2

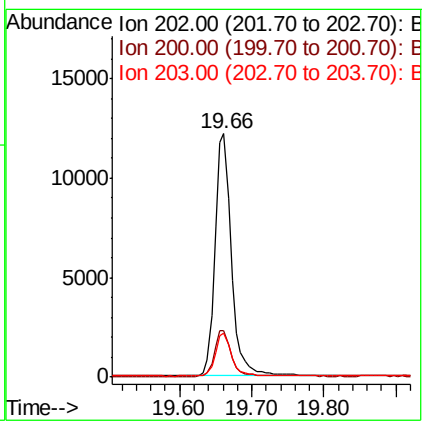


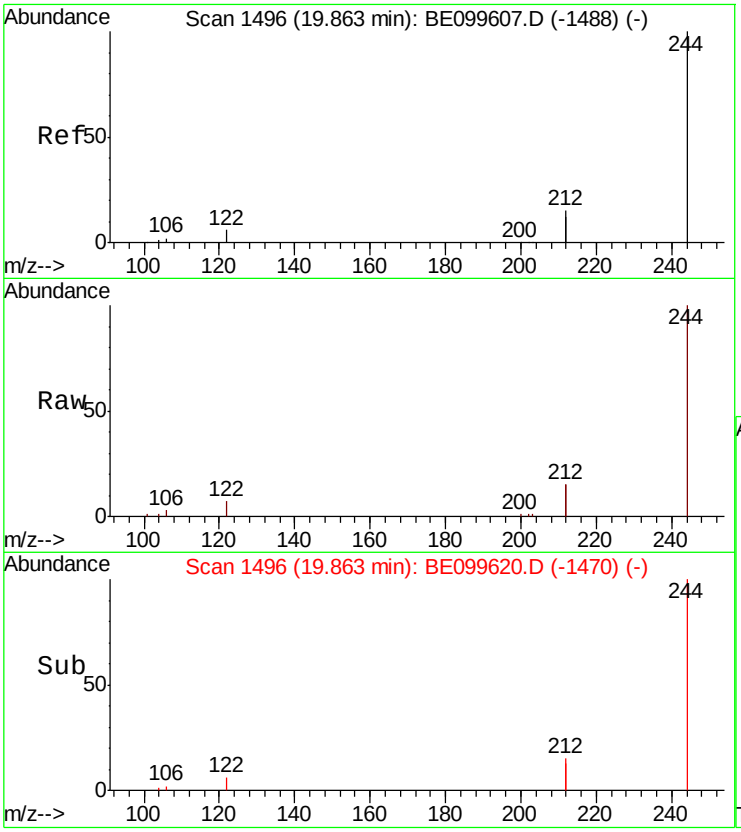


#28
Pyrene
Concen: 0.420 ng
RT: 19.66 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:202 Resp: 19161

Ion	Ratio	Lower	Upper
202	100		
200	19.0	15.8	23.6
203	17.4	14.1	21.1



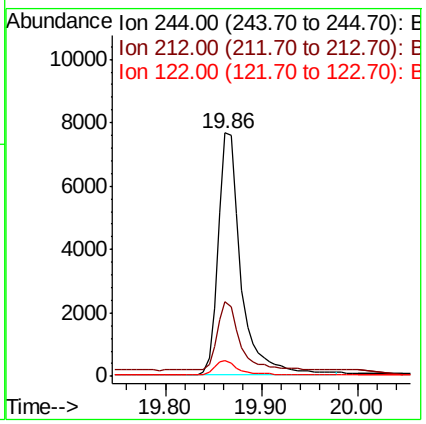


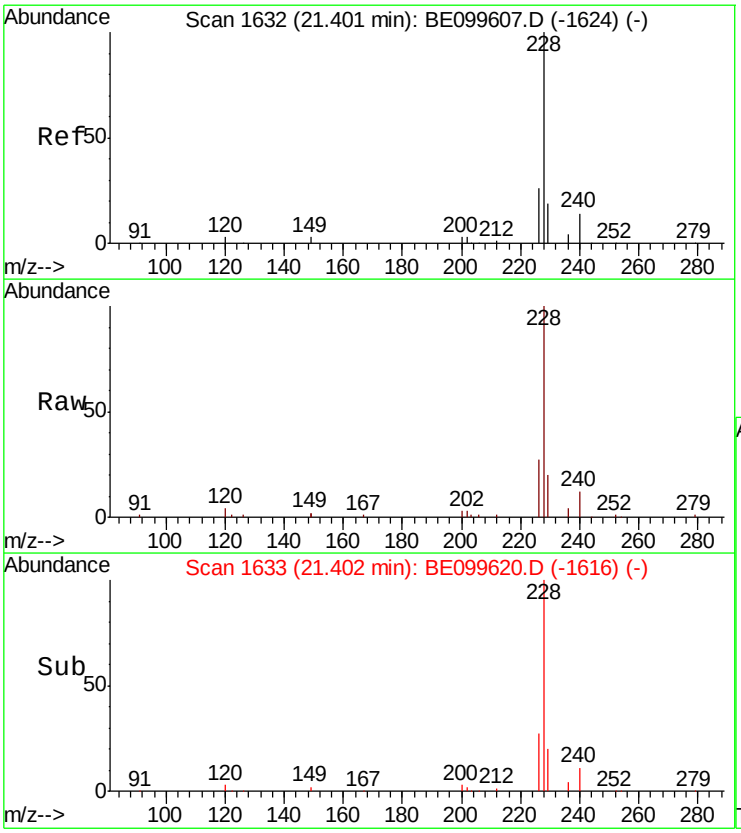
#29
Terphenyl-d14
Concen: 0.393 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 12666

Ion	Ratio	Lower	Upper
244	100		
212	30.6	23.8	35.6
122	6.7	5.0	7.6

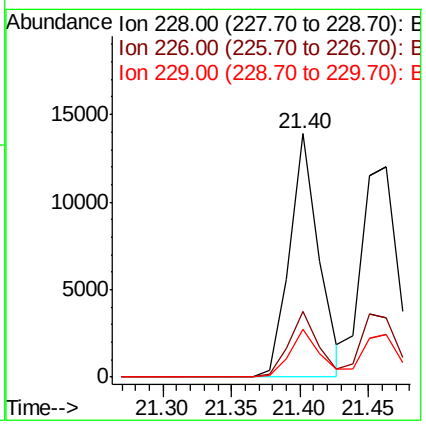


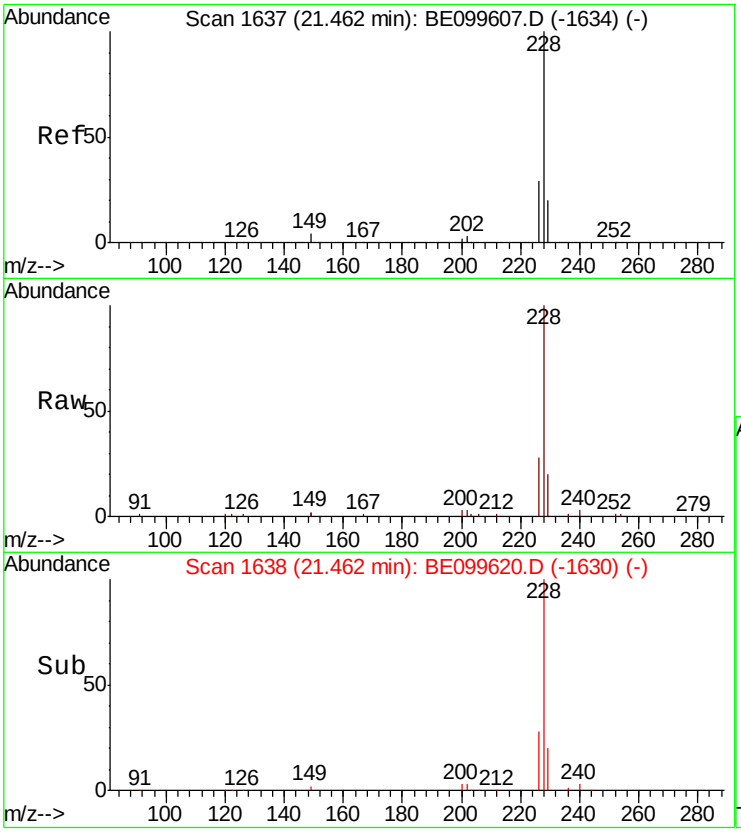


#30
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:228 Resp: 20392

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	19.9	15.8	23.8



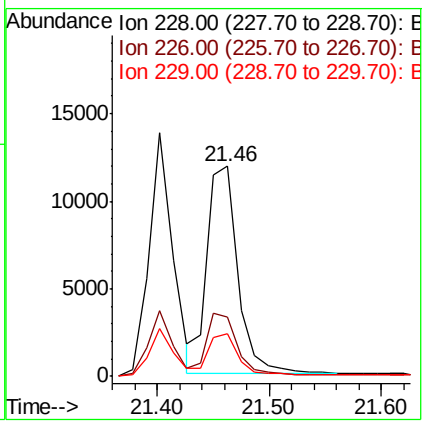


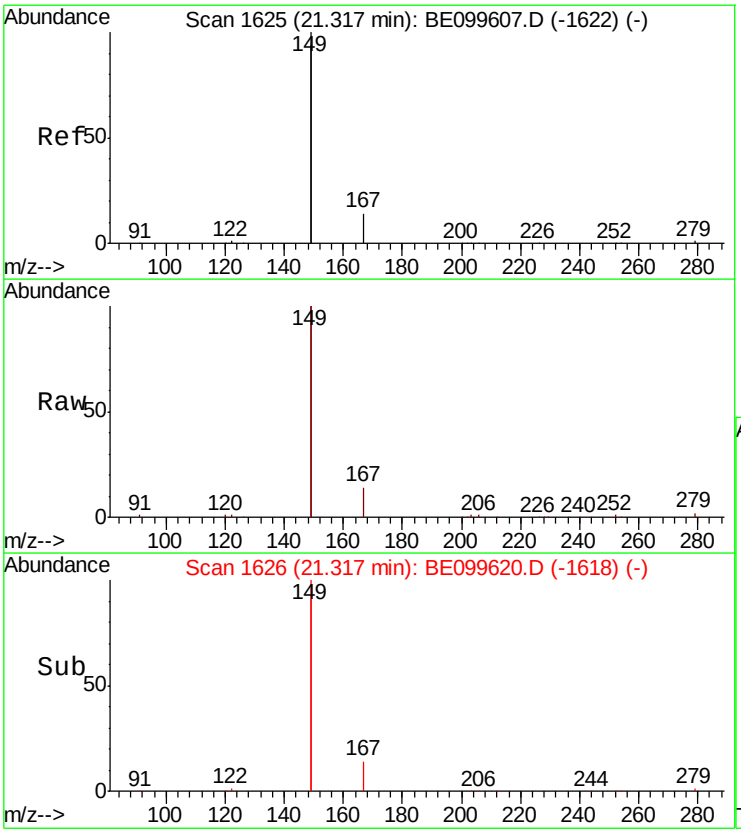
#31
Chrysene
Concen: 0.399 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 22253

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	20.3	16.4	24.6

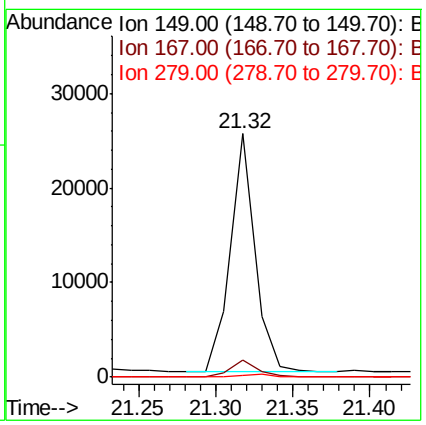


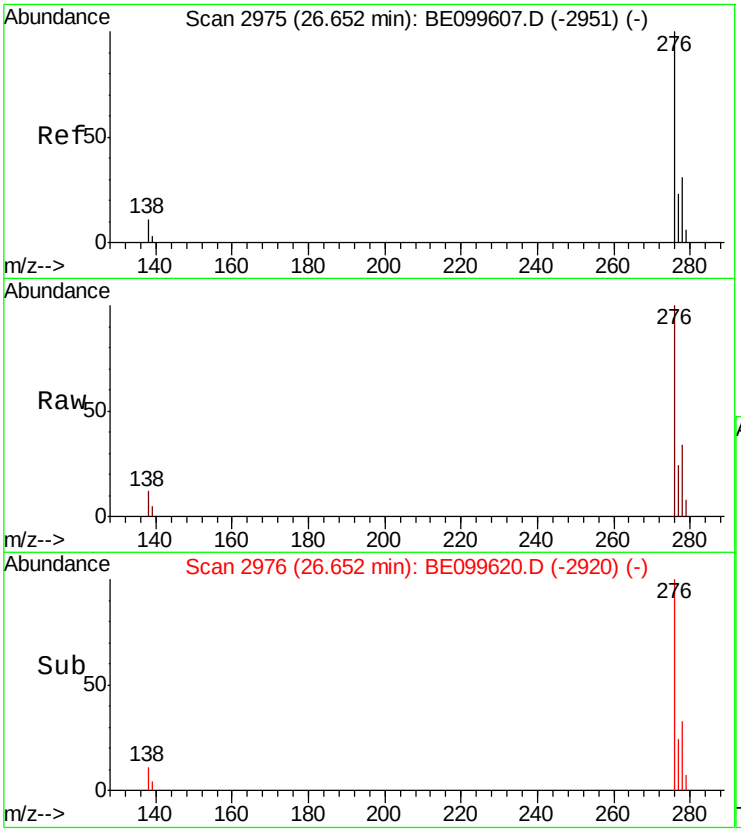


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.331 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:149 Resp: 27653

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.5	1.1	1.7



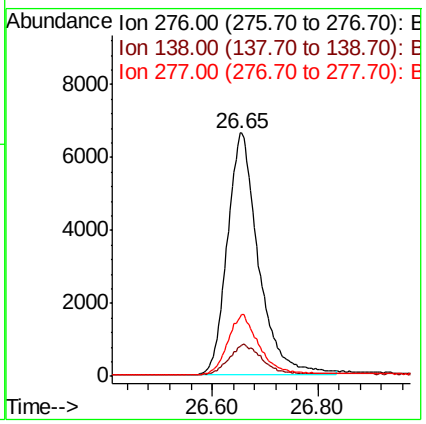


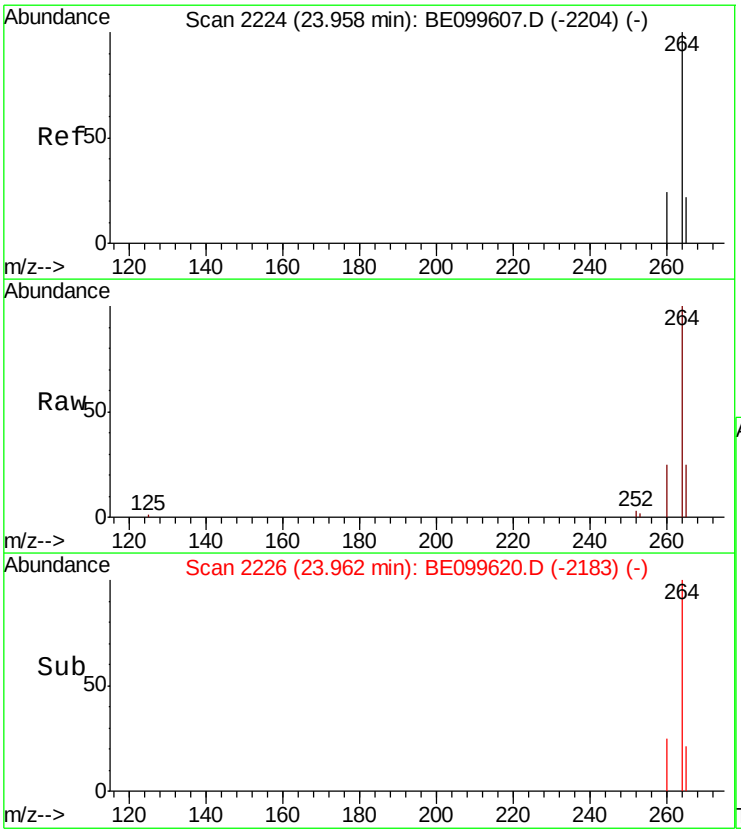
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 26.65 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 27124

Ion	Ratio	Lower	Upper
276	100		
138	12.9	10.0	15.0
277	24.5	19.1	28.7

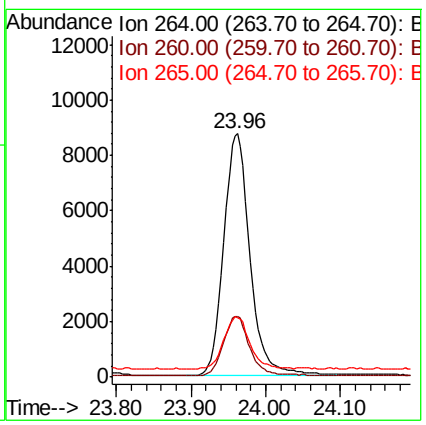


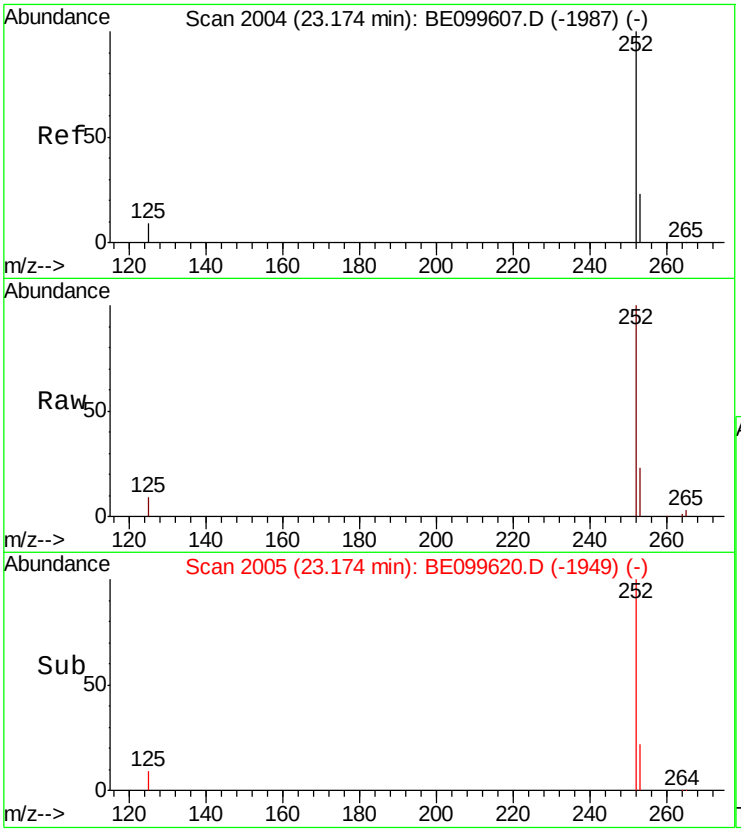


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:264 Resp: 21354

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	24.6	21.2	31.8



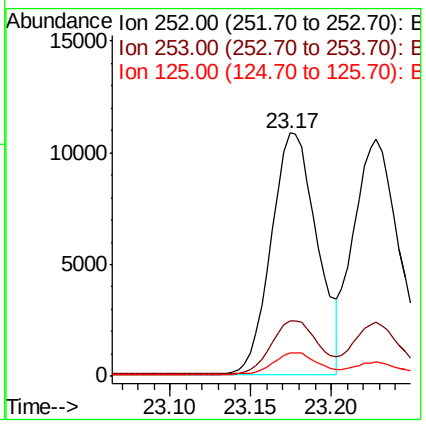


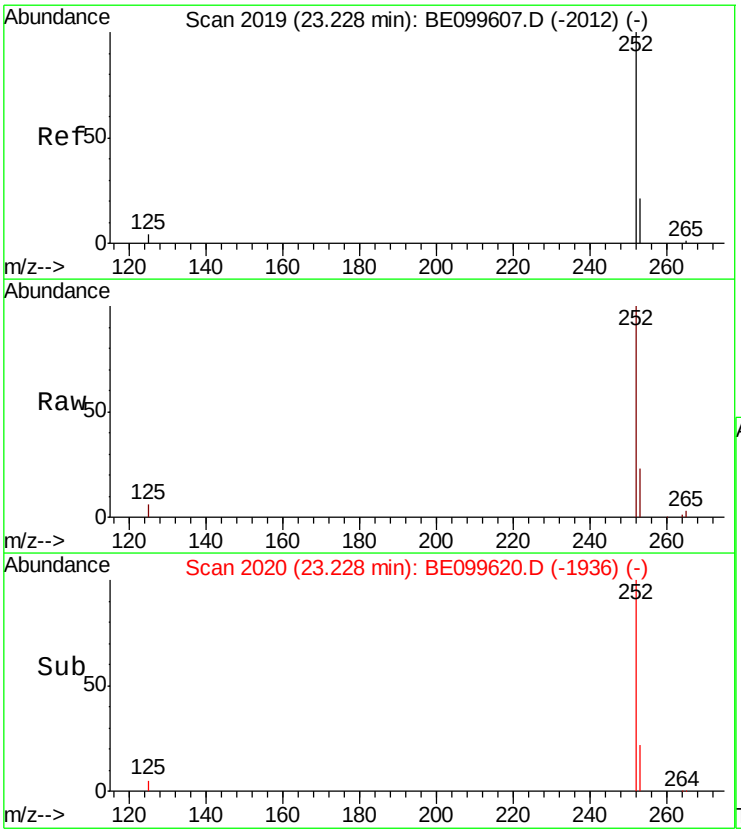
#35
Benzo(b)fluoranthene
Concen: 0.360 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21521

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.1	28.7
125	9.5	7.8	11.8

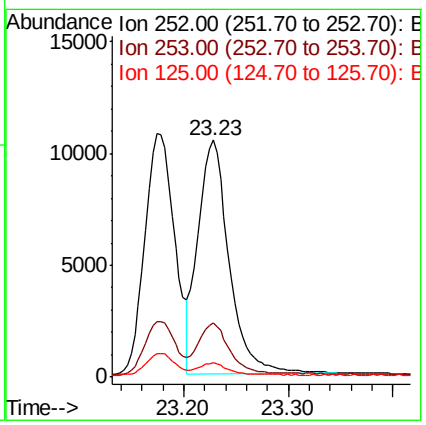


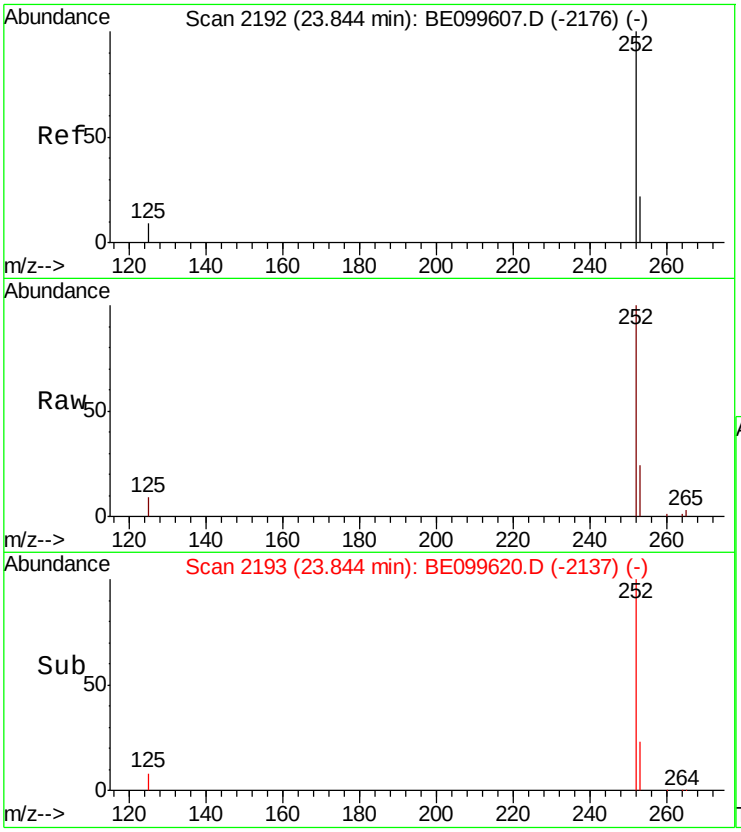


#36
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 23.23 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:252 Resp: 21697

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	28.0
125	5.9	5.2	7.8



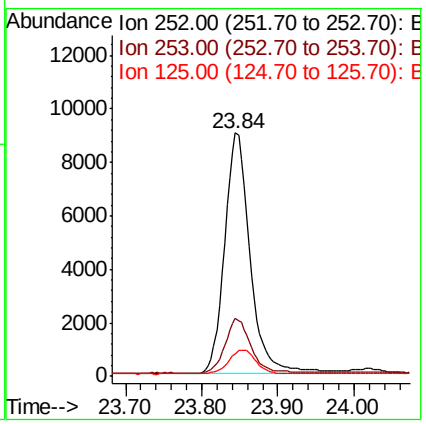


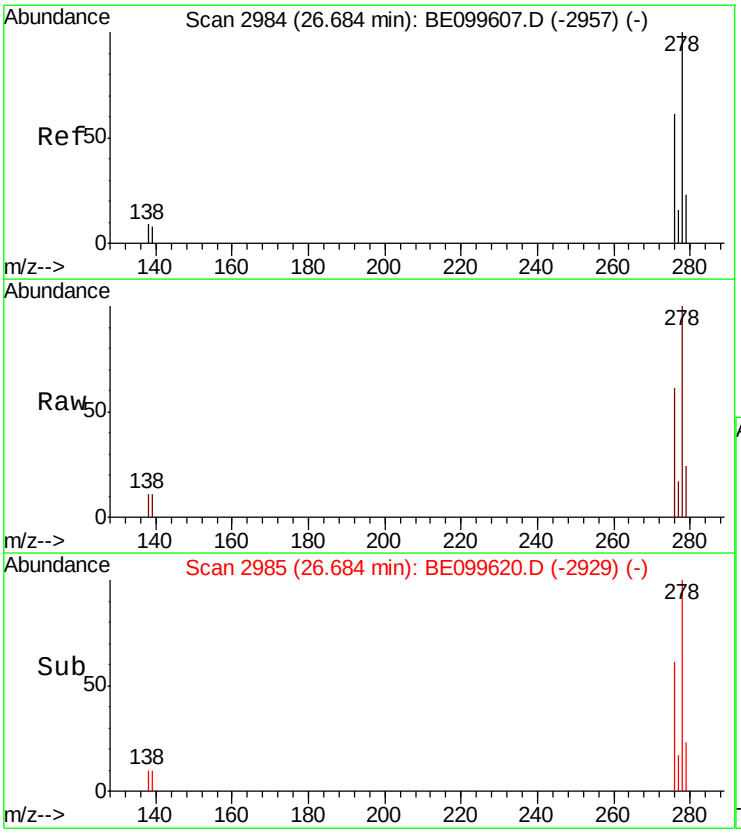
#37
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.84 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21120

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.6
125	9.3	8.8	13.2

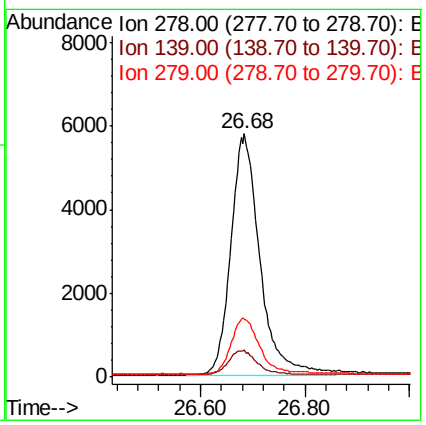


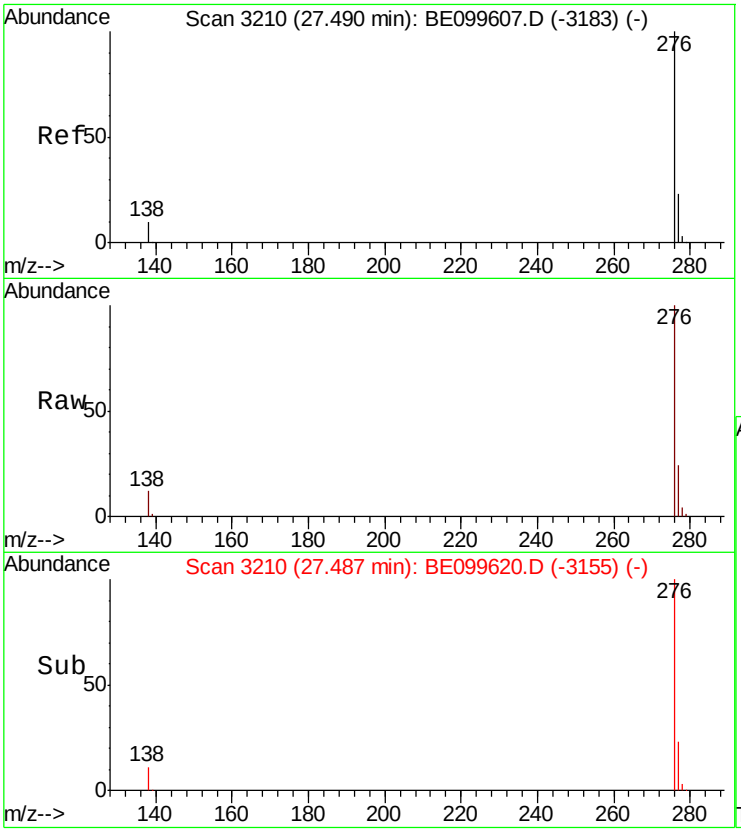


#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 26.68 min Scan# 2985
Delta R.T. 0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Tgt Ion:278 Resp: 22228

Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.9	11.9
279	23.9	19.5	29.3





#39
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 27.49 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE099620.D
Acq: 16 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 22563

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	11.6	9.1	13.7