Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
Data File : BE099633.D
Acq On : 16 May 2019 21:28
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 17 07:04:02 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	7.82	152	1981	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	6921	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	5074	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	15224	0.40	ng		0.00
27) Chrysene-d12	21.41	240	19876	0.40	ng		0.00
34) Perylene-d12	23.96	264	23572	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	1944	0.35	ng		0.00
5) Phenol-d6	6.98	99	2596	0.36	ng		0.00
8) Nitrobenzene-d5	8.98	82	2341	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4312	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	1140	0.33	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	6917	0.35	ng		0.00
25) Fluoranthene-d10	19.26	212	72591	0.36	ng		0.00
29) Terphenyl-d14	19.86	244	14516	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	943	0.323	ng	#	83
3) n-Nitrosodimethylamine	3.64	42	520	0.279	ng	#	87
6) bis(2-Chloroethyl)ether	7.24	93	2128	0.355	ng		93
9) Naphthalene	10.67	128	27180	0.369	ng		99
10) Hexachlorobutadiene	10.94	225	2026	0.376	ng		99
12) 2-Methylnaphthalene	12.30	142	4499	0.370	ng		99
16) Acenaphthylene	14.21	152	8370	0.349	ng		99
17) Acenaphthene	14.54	154	4815	0.356	ng		99
18) Fluorene	15.53	166	7094	0.366	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	3144	0.358	ng		97
21) Hexachlorobenzene	16.53	284	3184	0.369	ng		99
22) Pentachlorophenol	16.89	266	1230	0.520	ng		95
23) Phenanthrene	17.27	178	13589	0.360	ng		99
24) Anthracene	17.36	178	11985	0.344	ng		100
26) Fluoranthene	19.29	202	20871	0.365	ng		99
28) Pyrene	19.65	202	21606	0.426	ng		99
30) Benzo(a)anthracene	21.40	228	23516	0.392	ng		100
31) Chrysene	21.45	228	25046	0.405	ng		96
32) Bis(2-ethylhexyl)phthalate	21.32	149	33766	0.365	ng		100
33) Indeno(1,2,3-cd)pyrene	26.66	276	30132	0.391	ng		99
35) Benzo(b)fluoranthene	23.17	252	23981	0.364	ng		100
36) Benzo(k)fluoranthene	23.22	252	24556	0.377	ng		99
37) Benzo(a)pyrene	23.84	252	23278	0.365	ng		98
38) Dibenzo(a,h)anthracene	26.68	278	24552	0.371	ng	#	98
39) Benzo(g,h,i)perylene	27.49	276	24880	0.374	ng		99

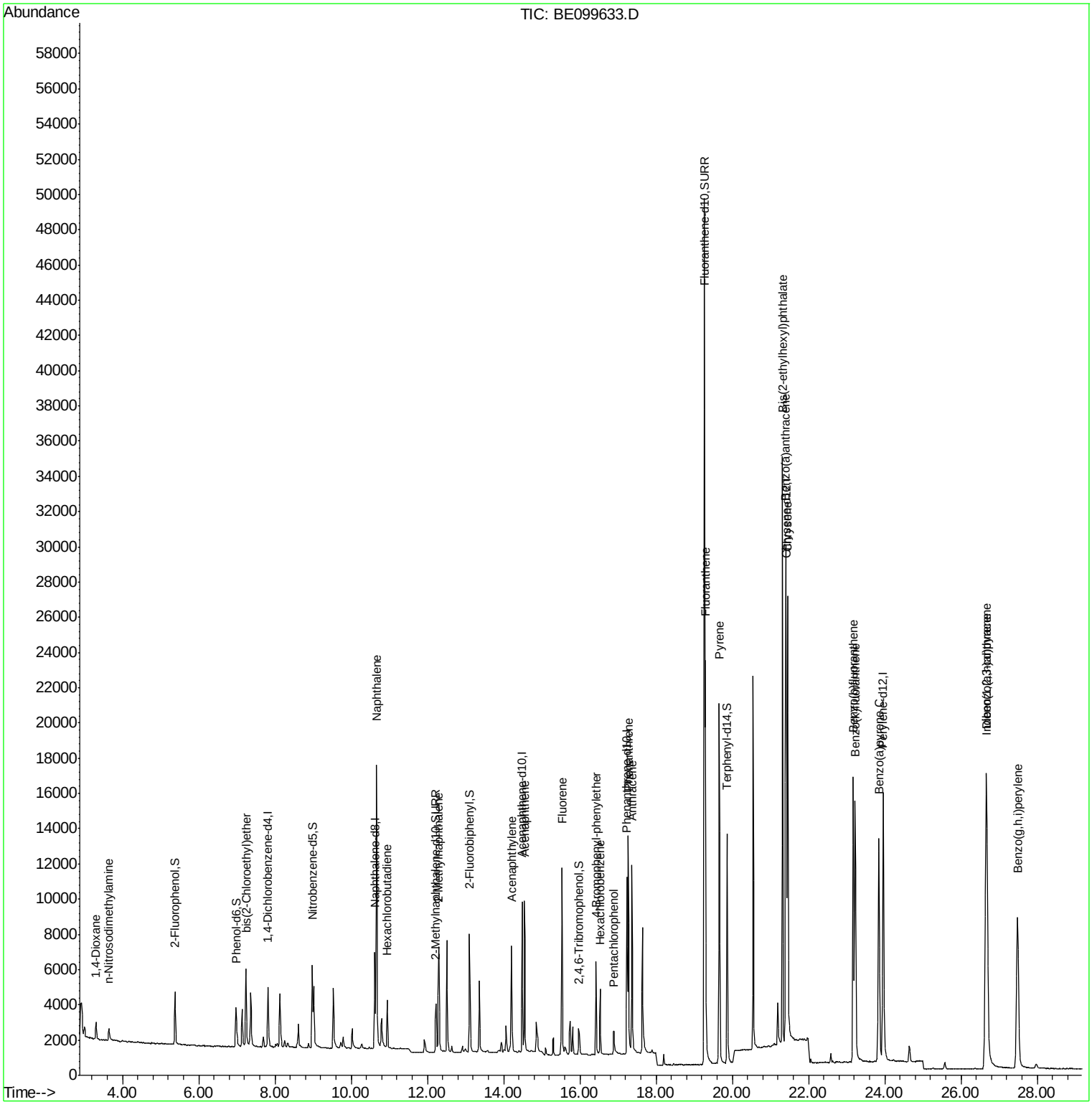
(#) = qualifier out of range (m) = manual integration (+) = signals summed

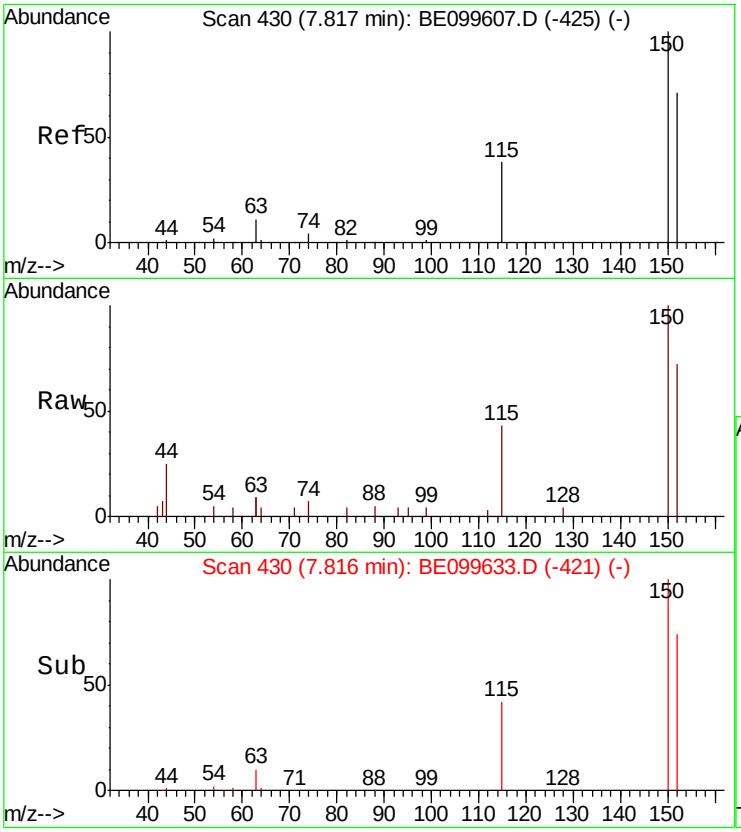
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
Data File : BE099633.D
Acq On : 16 May 2019 21:28
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 17 07:04:02 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



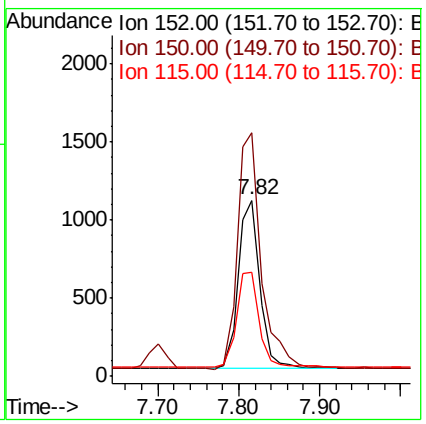


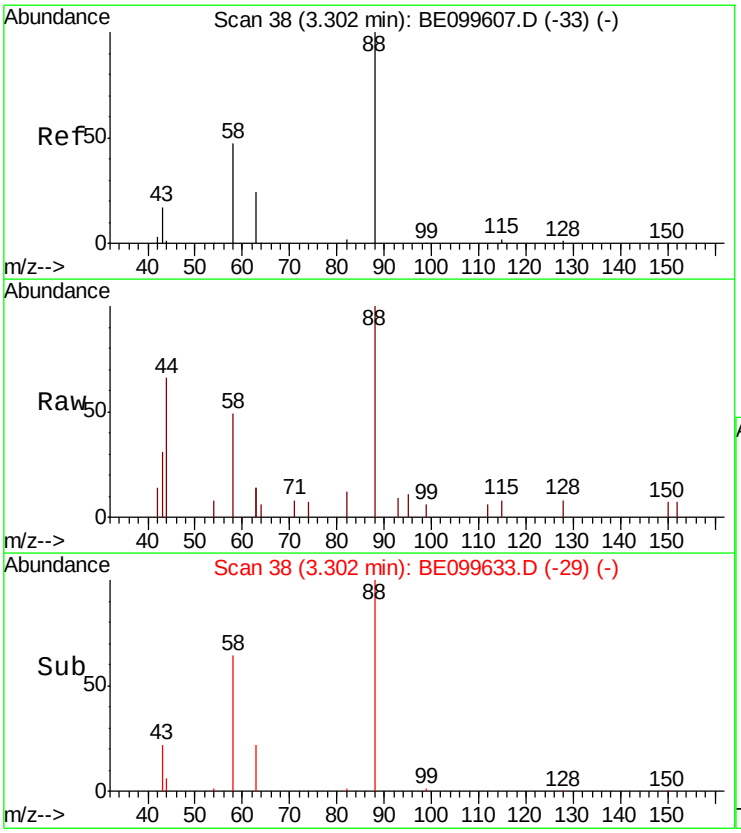
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1981

Ion	Ratio	Lower	Upper
152	100		
150	138.5	110.1	165.1
115	59.0	46.2	69.4

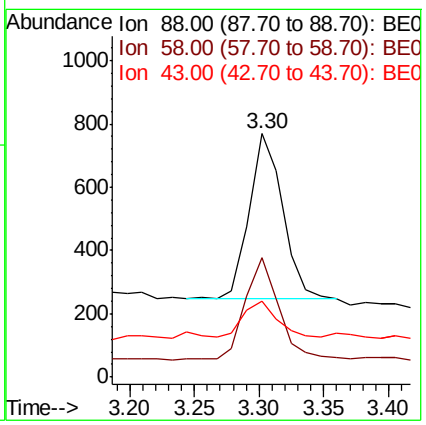


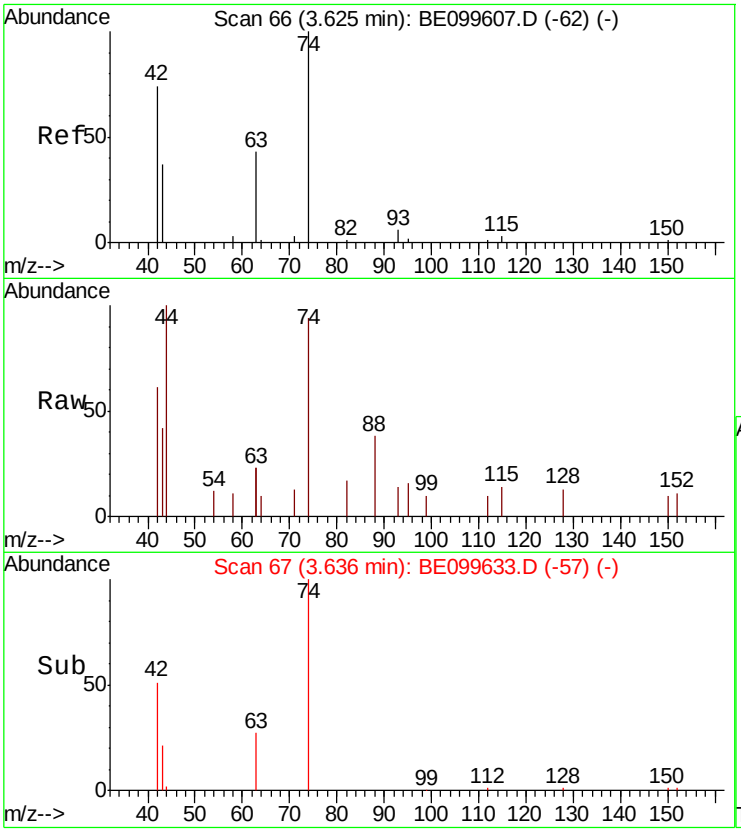


#2
1,4-Dioxane
Concen: 0.323 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion: 88 Resp: 943

Ion	Ratio	Lower	Upper
88	100		
58	64.5	39.8	59.6#
43	22.0	21.0	31.6



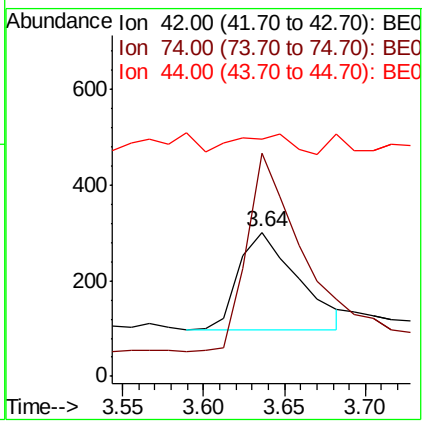


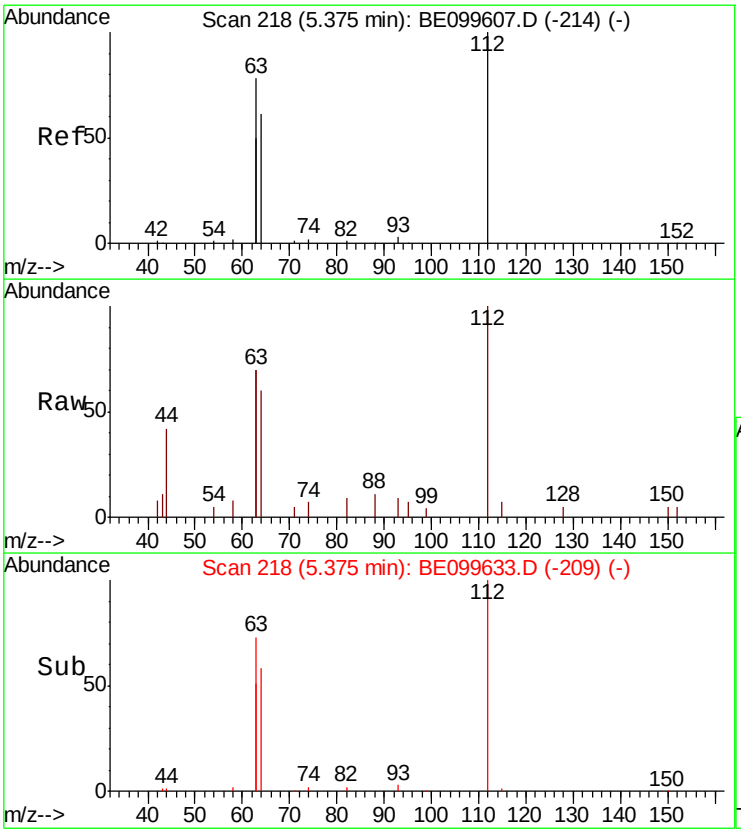
#3
n-Nitrosodimethylamine
Concen: 0.279 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 520

Ion	Ratio	Lower	Upper
42	100		
74	187.3	134.7	202.1
44	19.2	12.5	18.7#

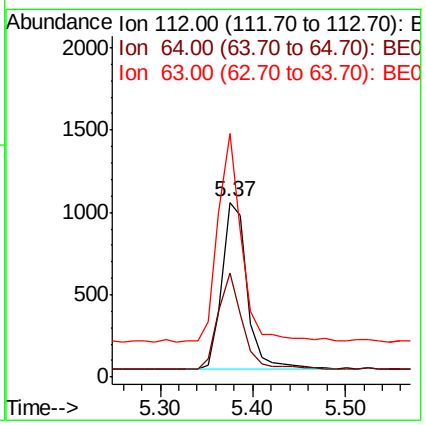


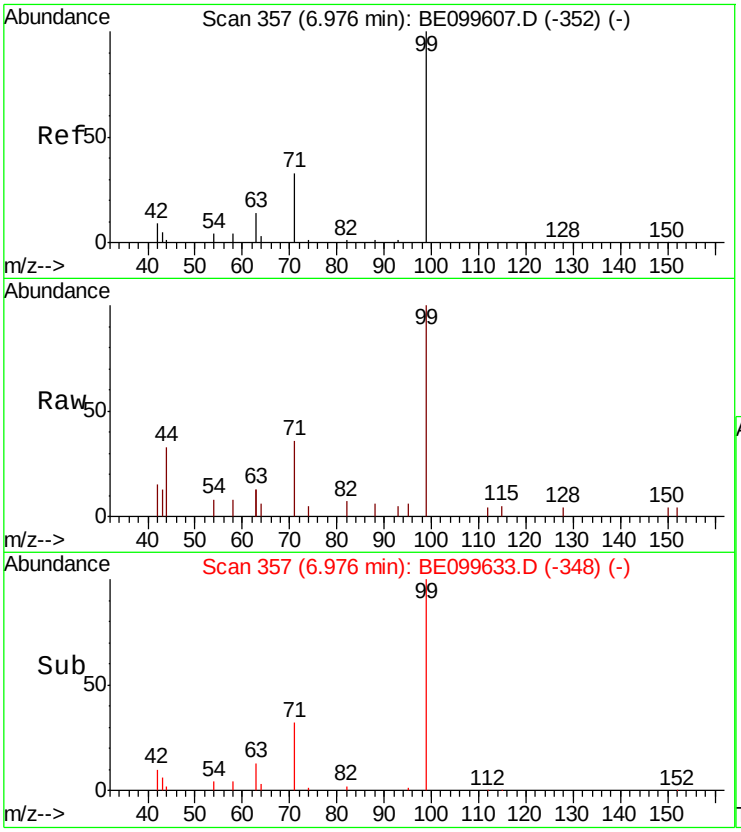


#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:112 Resp: 1944

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.7	65.5
63	118.7	94.0	141.0



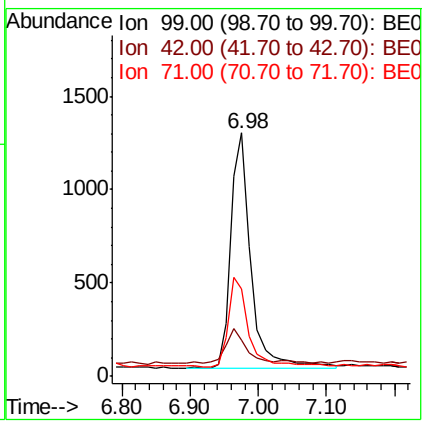


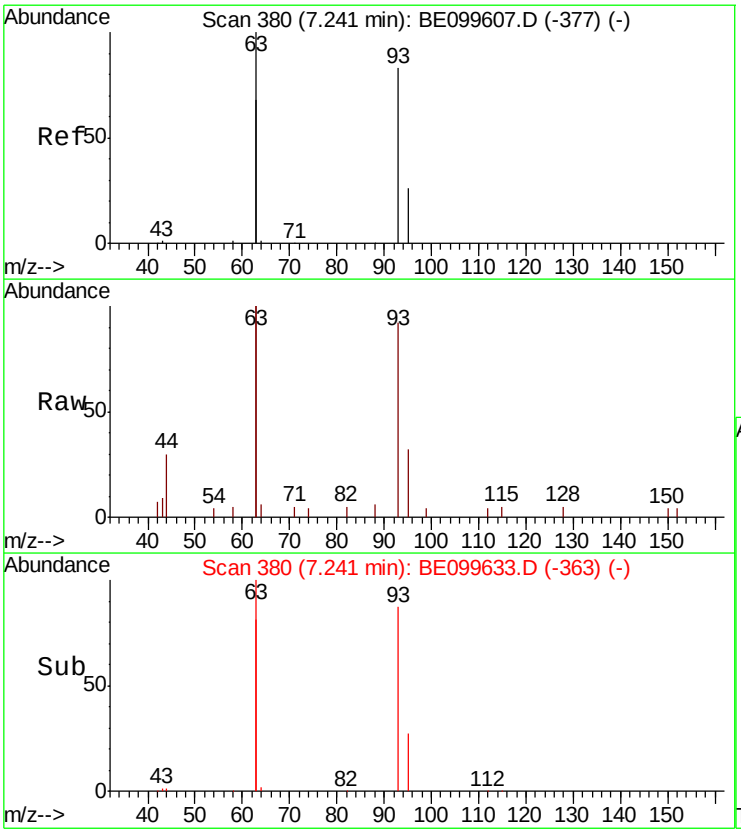
#5
Phenol-d6
Concen: 0.364 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2596

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.3	21.5#
71	38.1	33.1	49.7

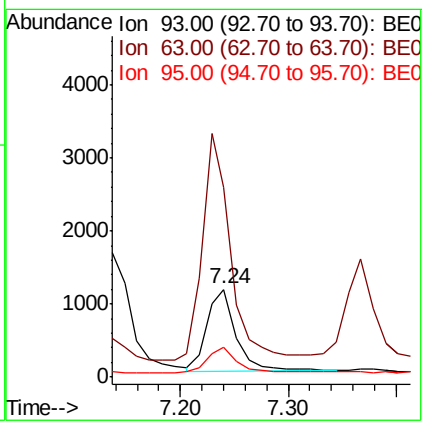


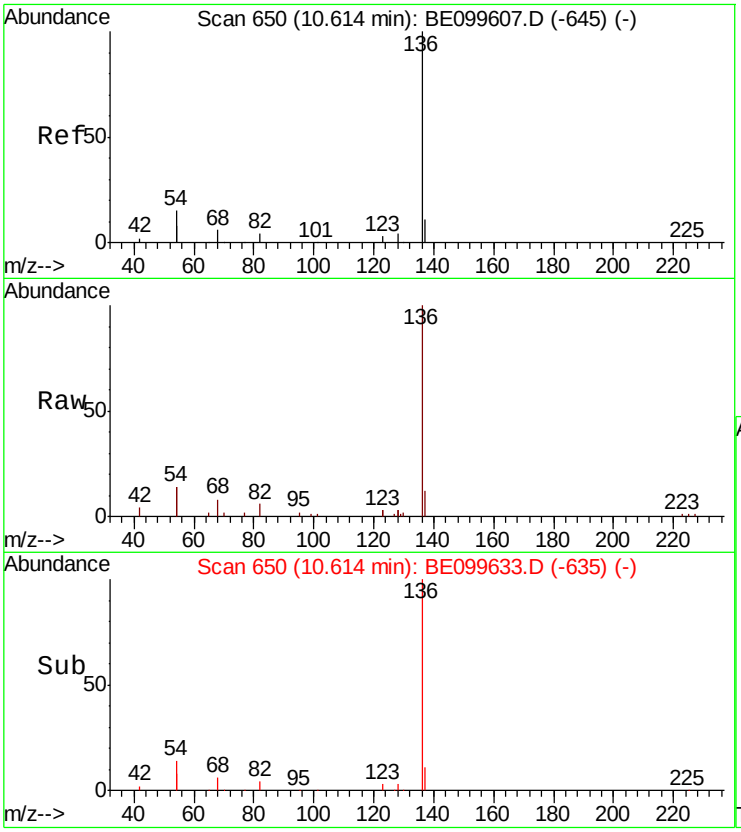


#6
bis(2-Chloroethyl)ether
Concen: 0.355 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion: 93 Resp: 2128

Ion	Ratio	Lower	Upper
93	100		
63	264.2	201.0	301.4
95	31.9	25.0	37.4



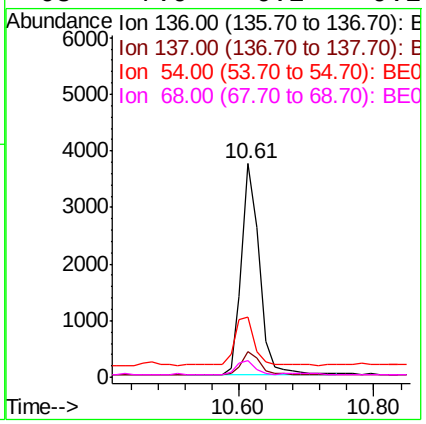


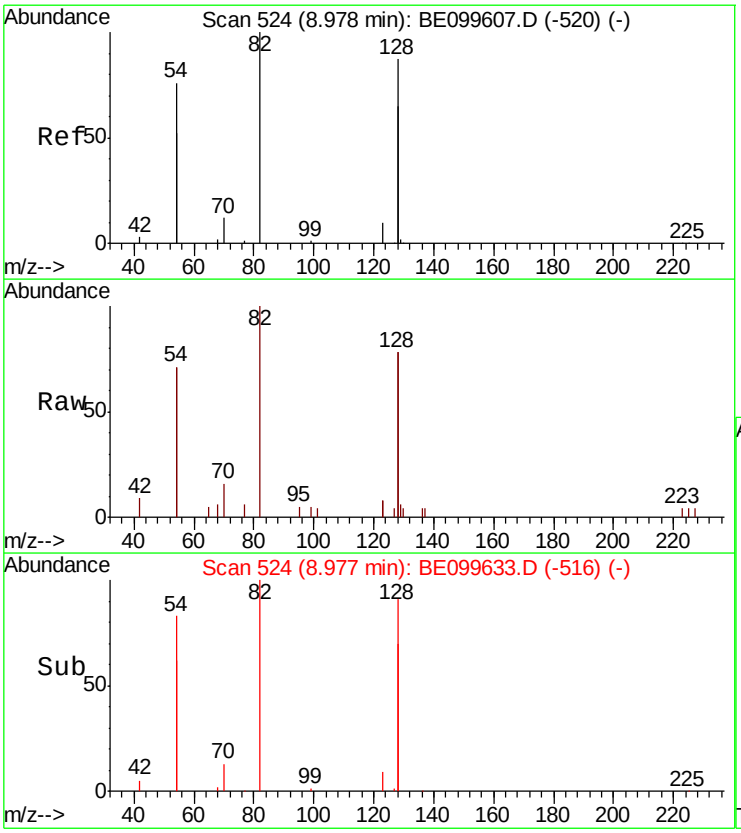
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 6921

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	27.9	23.8	35.8
68	7.9	6.2	9.2

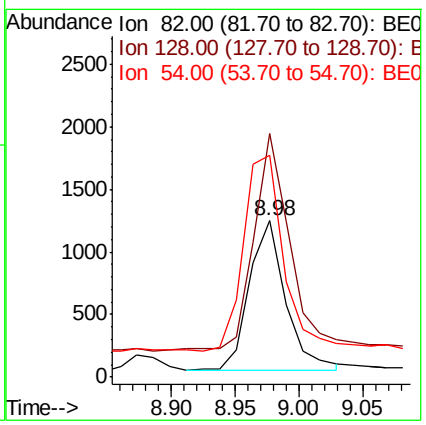


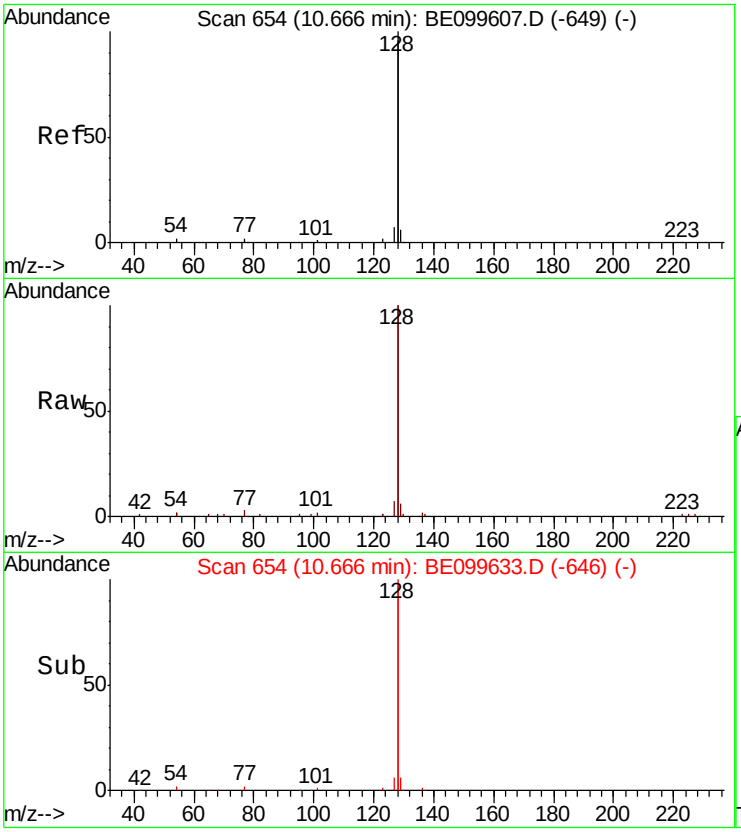


#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion: 82 Resp: 2341

Ion	Ratio	Lower	Upper
82	100		
128	155.6	131.4	197.2
54	141.8	113.9	170.9



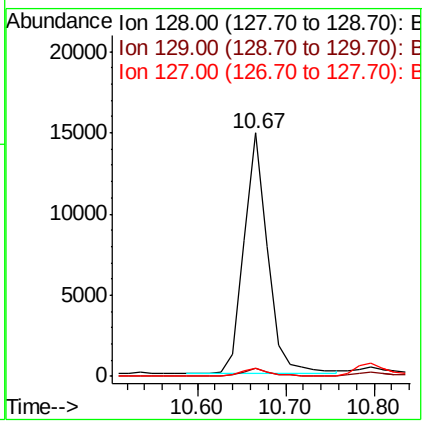


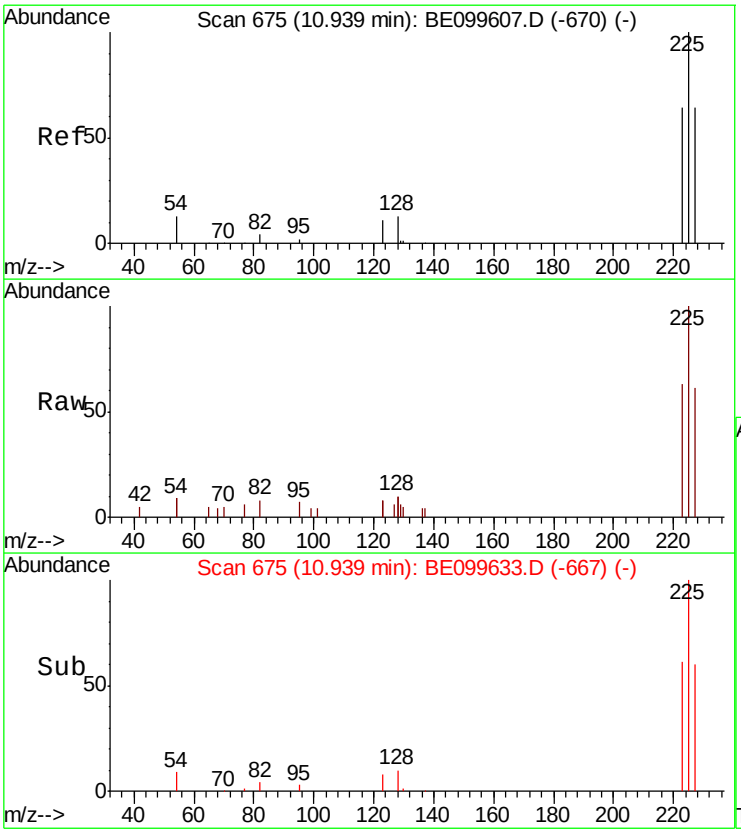
#9
Naphthalene
Concen: 0.369 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 27180

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	4.0
127	3.5	3.0	4.6

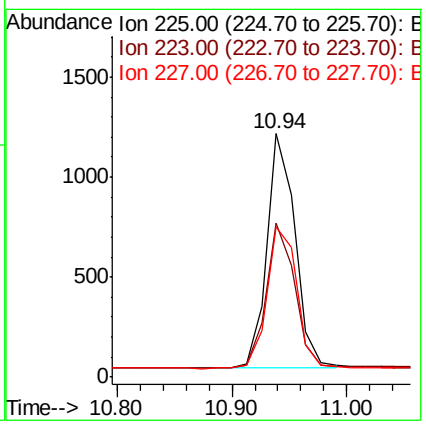


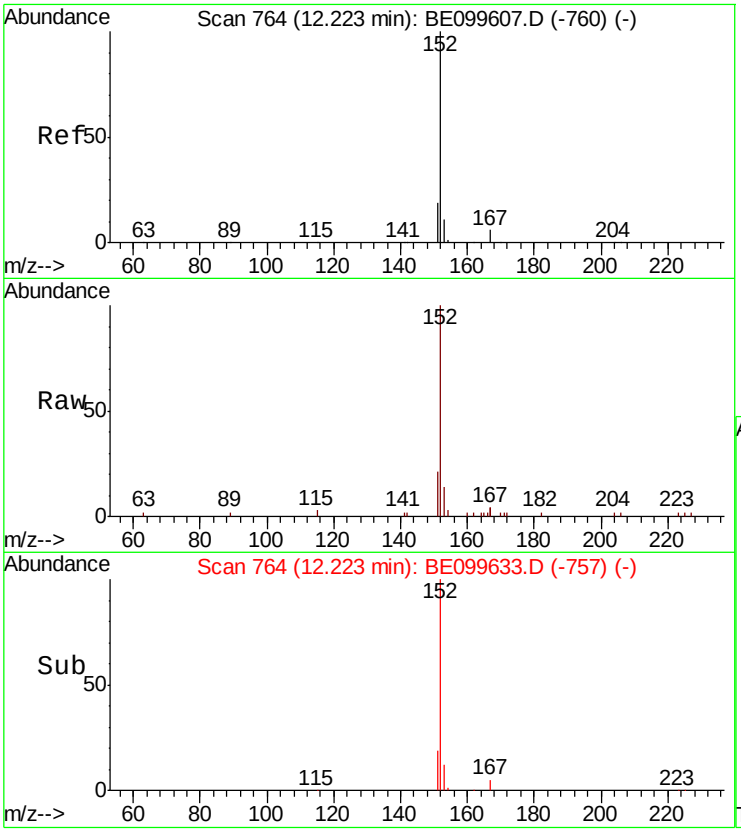


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:225 Resp: 2026

Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.8
227	64.3	51.2	76.8



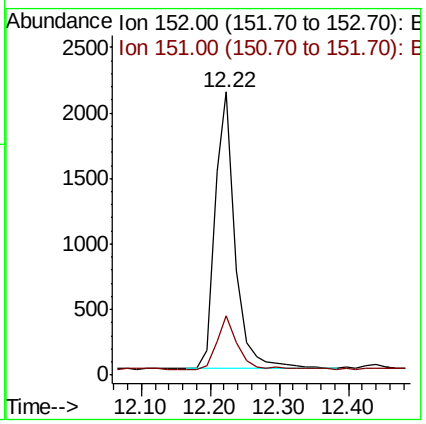


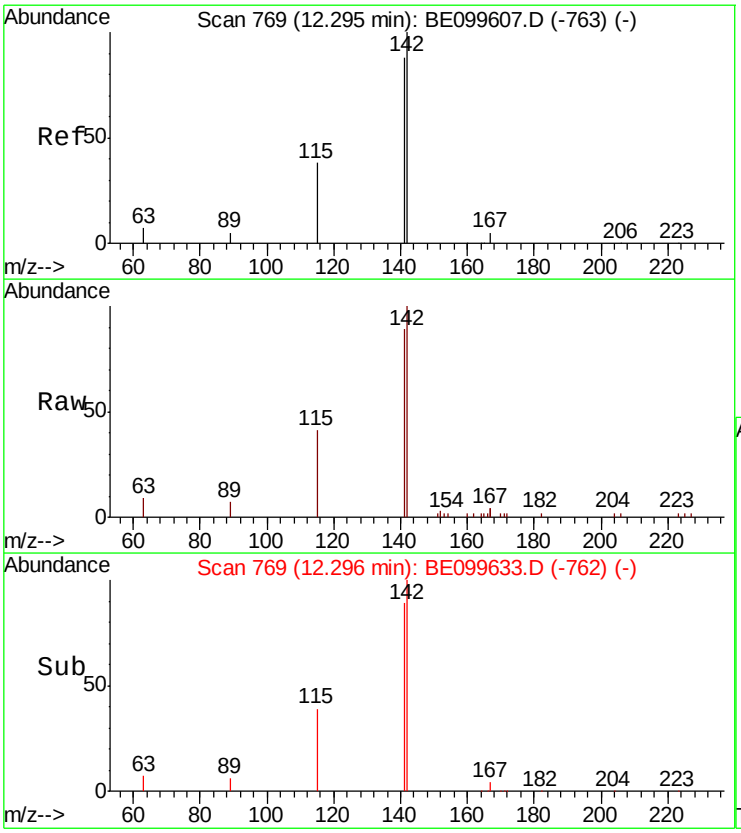
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4312

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9

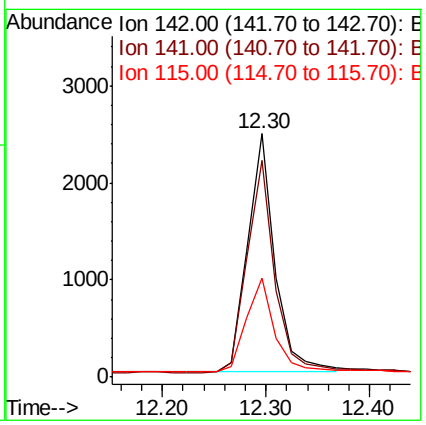


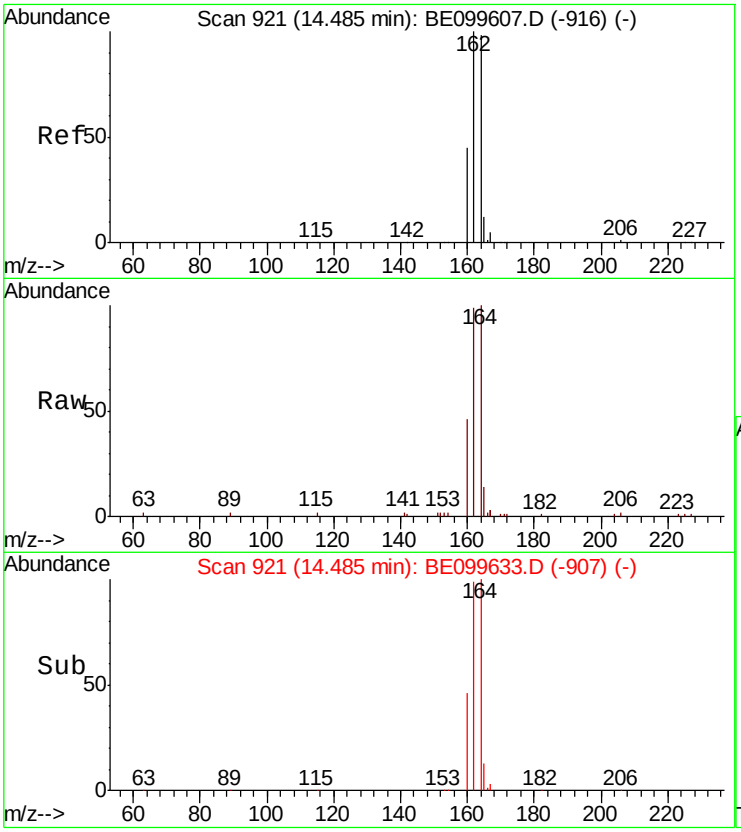


#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:142 Resp: 4499

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.4	105.6
115	40.8	32.2	48.4



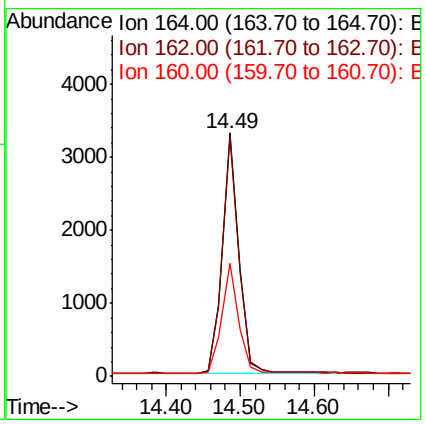


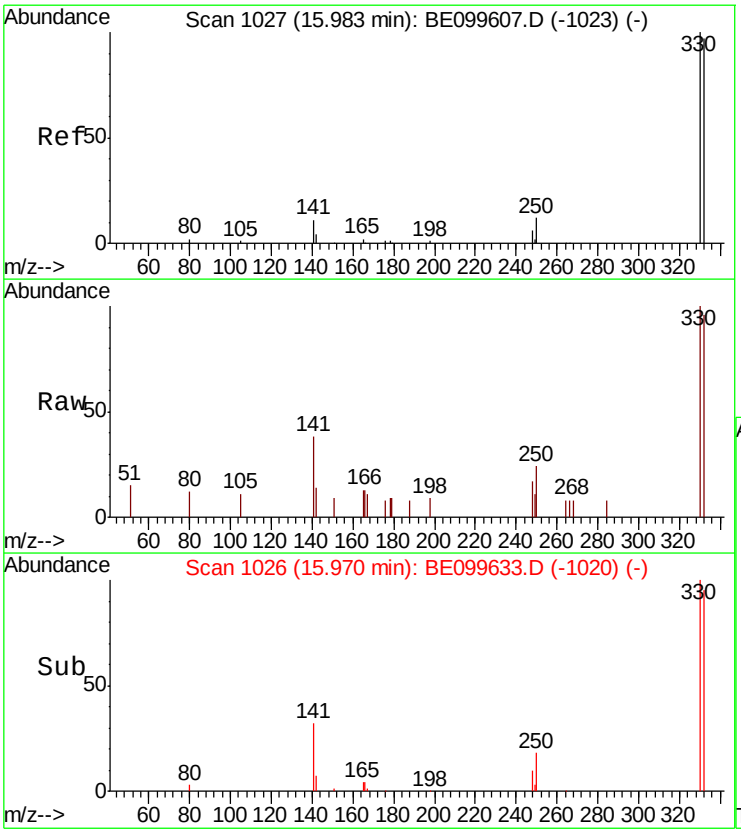
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5074

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.0
160	46.3	37.4	56.2

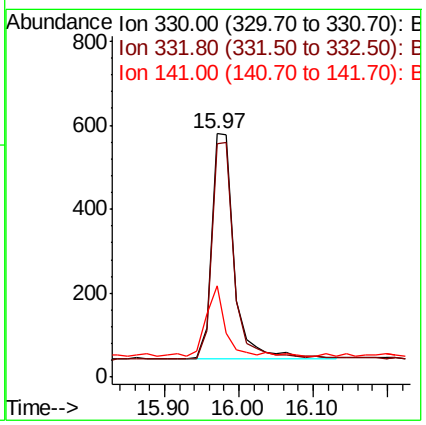


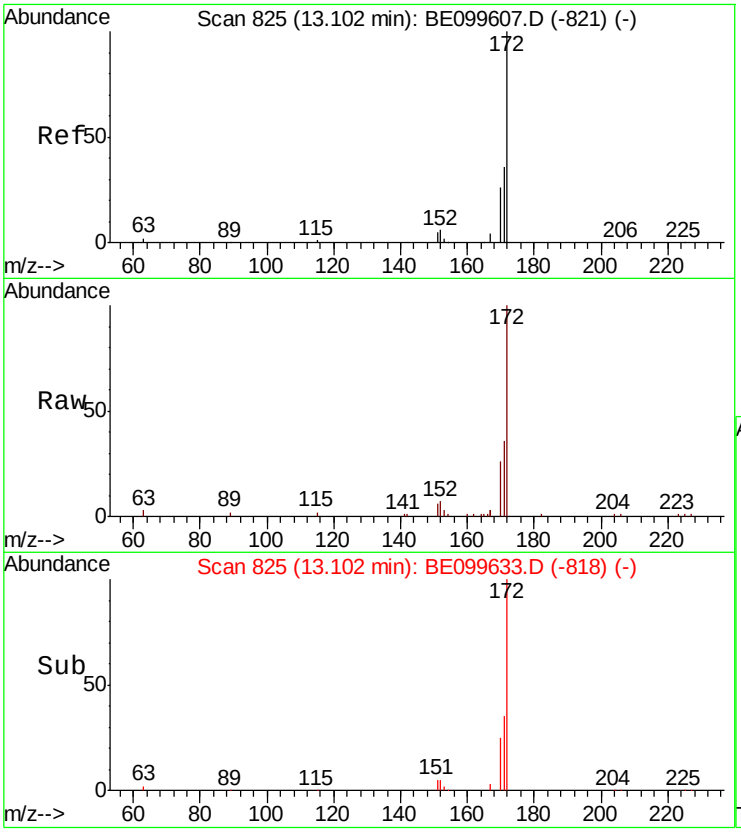


#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:330 Resp: 1140

Ion	Ratio	Lower	Upper
330	100		
332	94.6	73.8	110.8
141	27.3	21.0	31.6



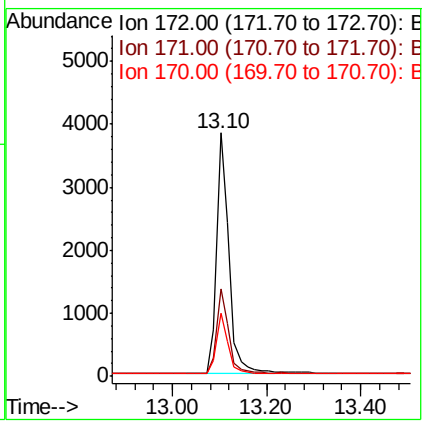


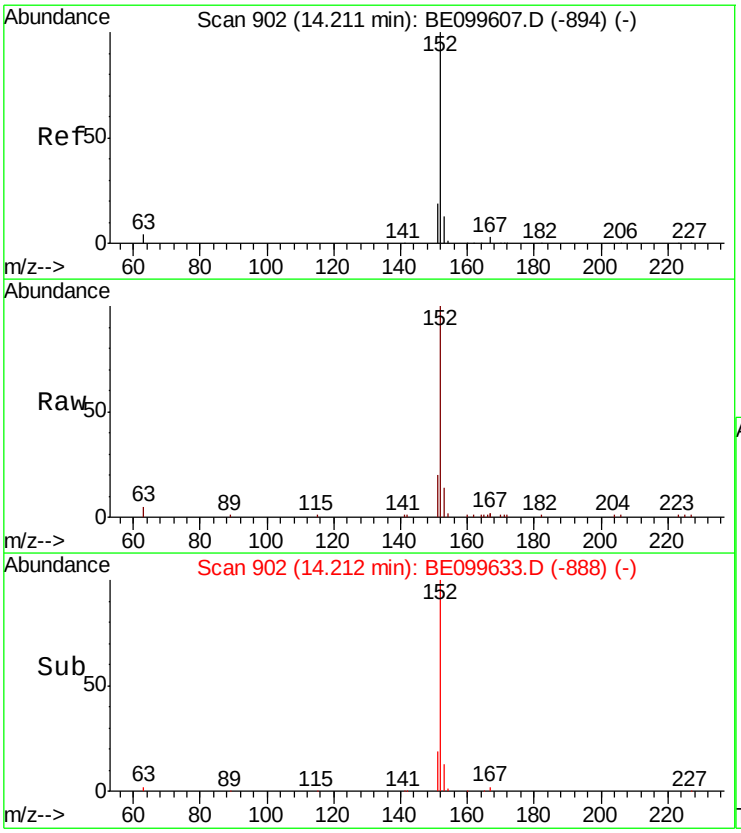
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 6917

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	26.1	21.5	32.3

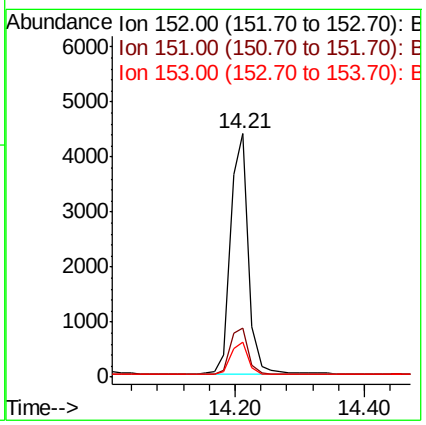


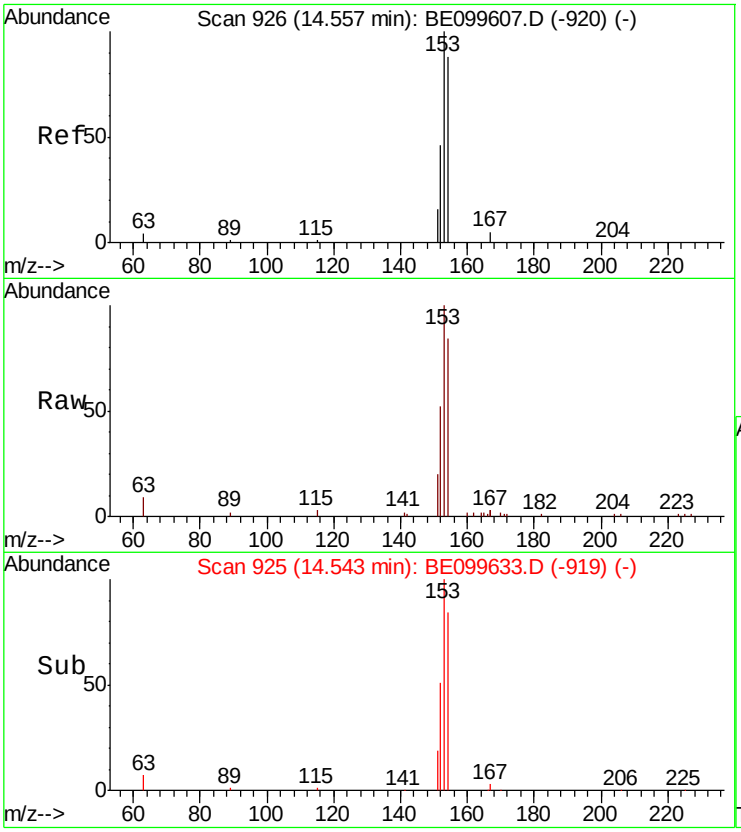


#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:152 Resp: 8370

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.3	10.4	15.6



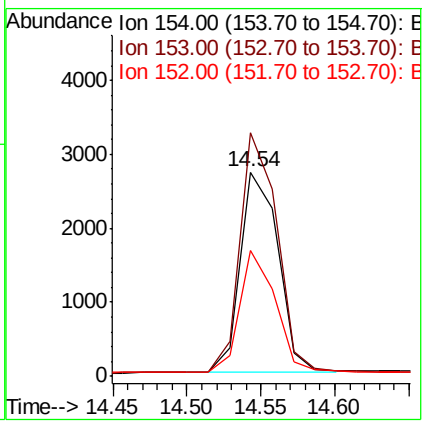


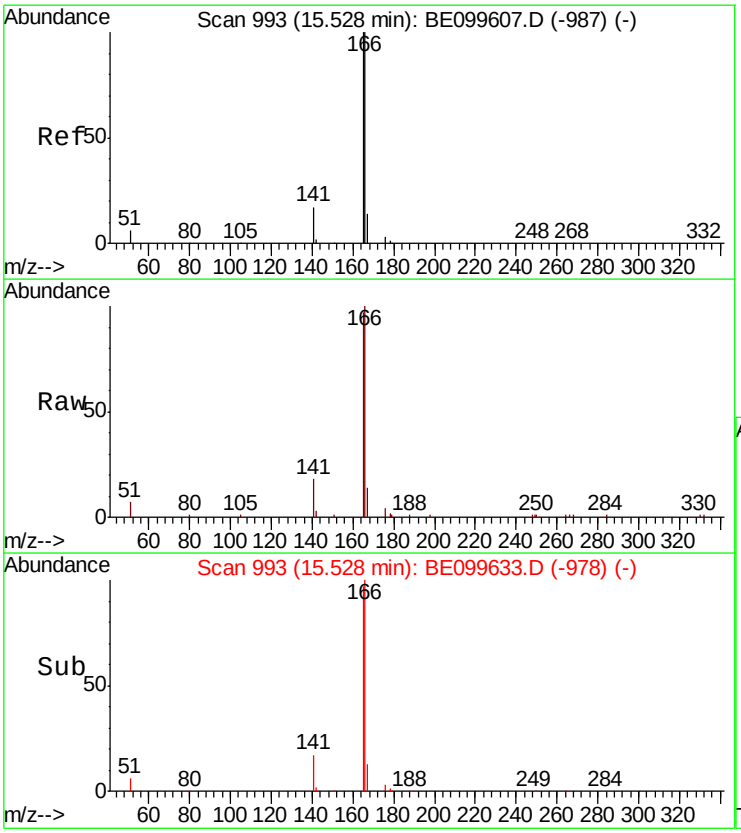
#17
Acenaphthene
Concen: 0.356 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 4815

Ion	Ratio	Lower	Upper
154	100		
153	117.2	94.1	141.1
152	57.0	46.5	69.7

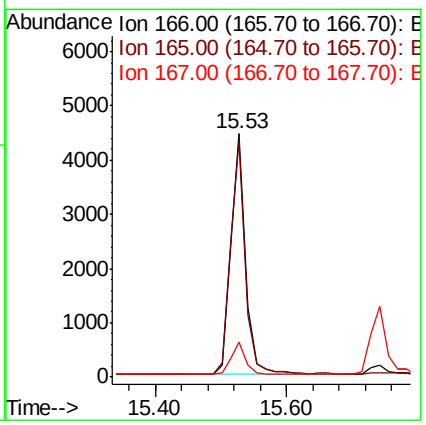


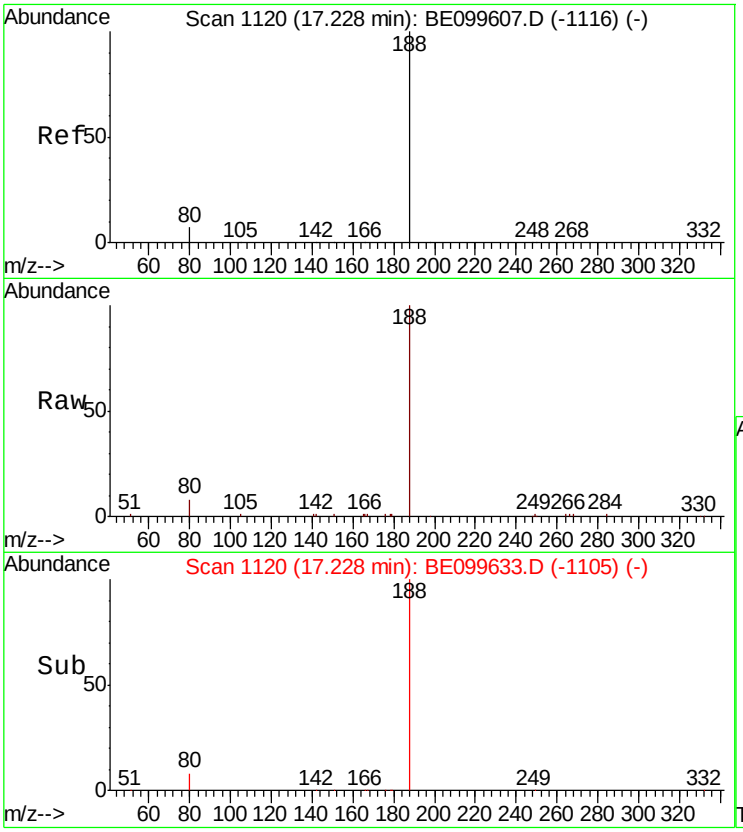


#18
Fluorene
Concen: 0.366 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:166 Resp: 7094

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.5	11.2	16.8



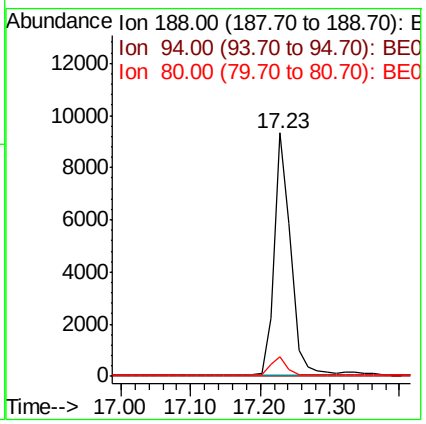


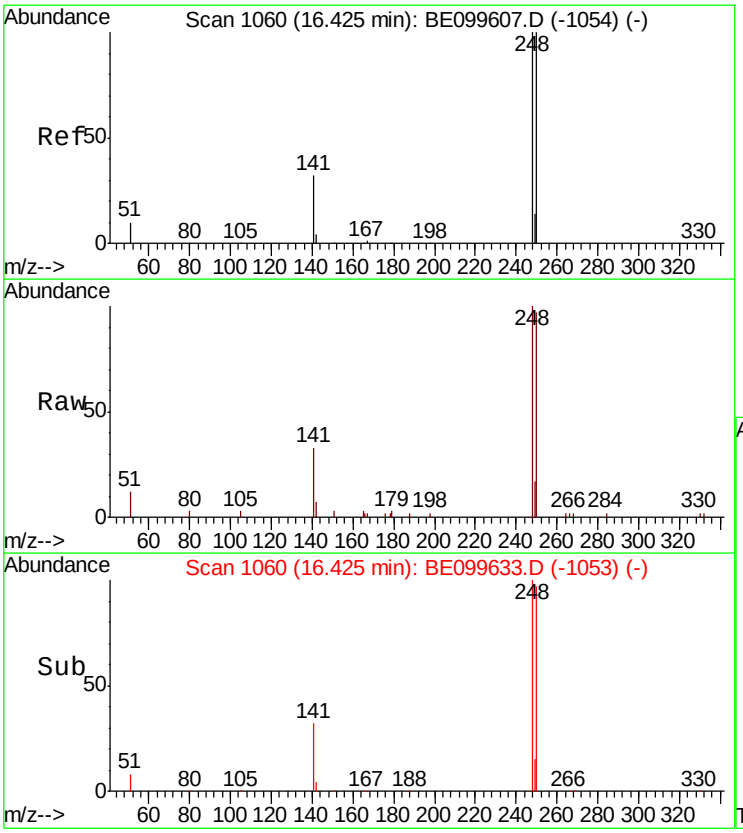
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 15224

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.4	9.6

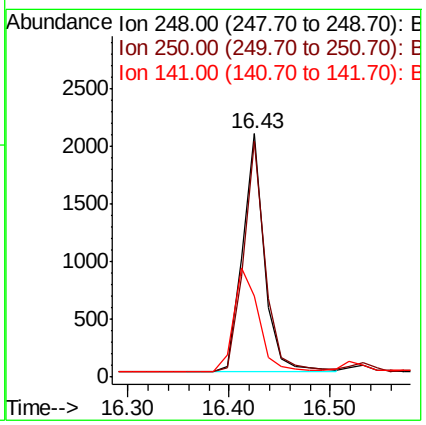


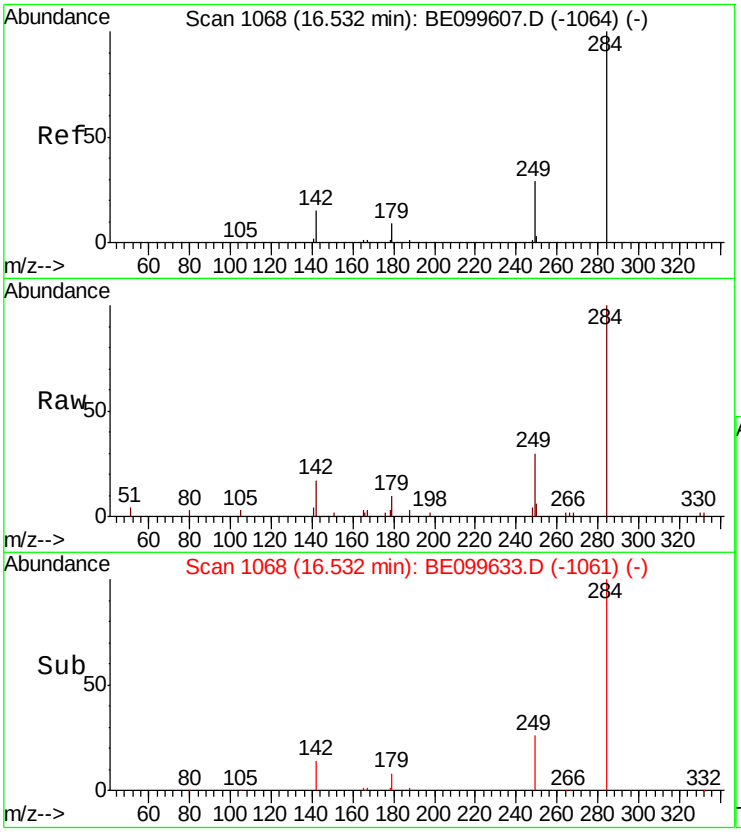


#20
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:248 Resp: 3144

Ion	Ratio	Lower	Upper
248	100		
250	96.9	80.4	120.6
141	33.4	27.8	41.8



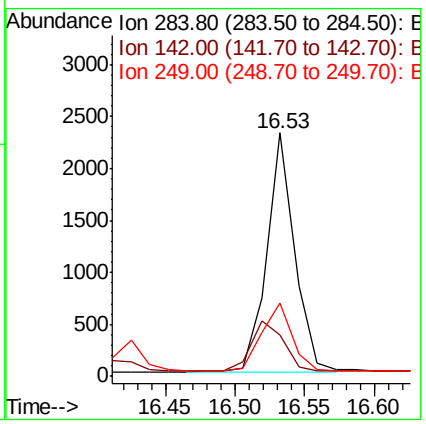


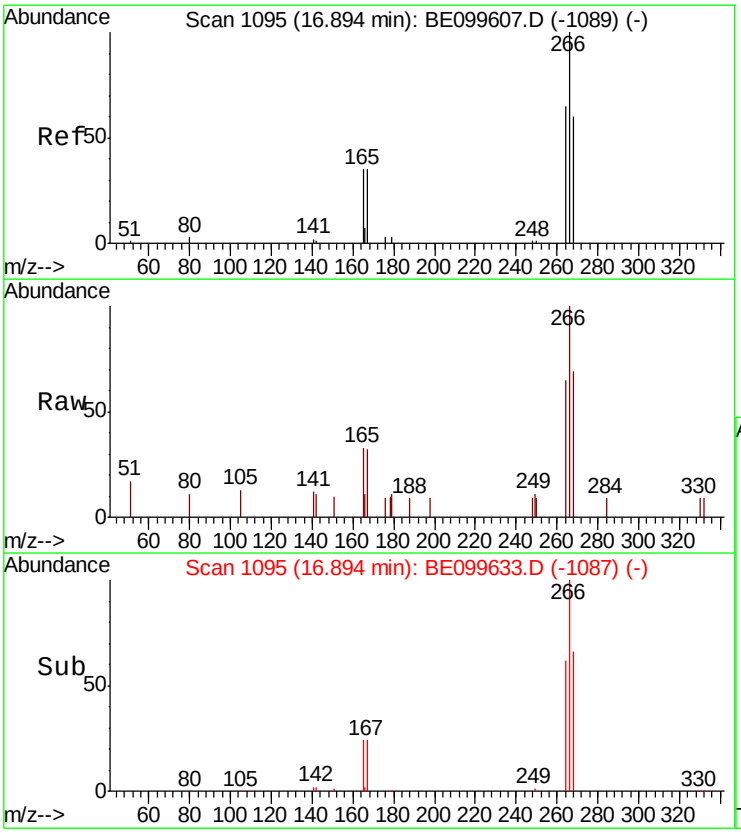
#21
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3184

Ion	Ratio	Lower	Upper
284	100		
142	24.3	19.4	29.2
249	31.3	24.6	37.0

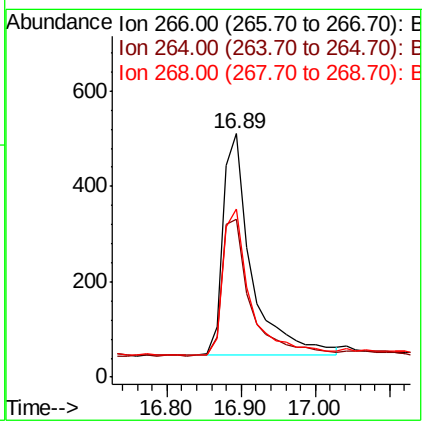


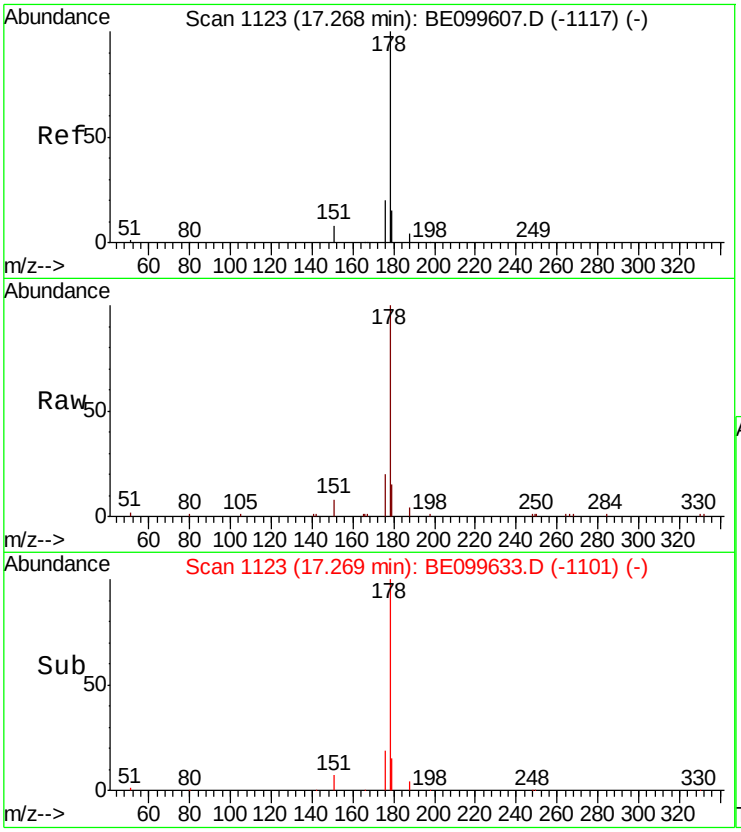


#22
Pentachlorophenol
Concen: 0.520 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:266 Resp: 1230

Ion	Ratio	Lower	Upper
266	100		
264	64.8	57.7	86.5
268	69.3	55.8	83.8



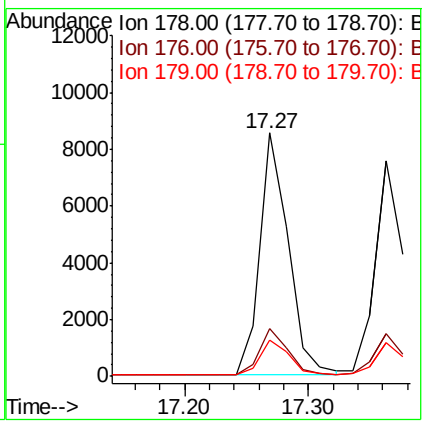


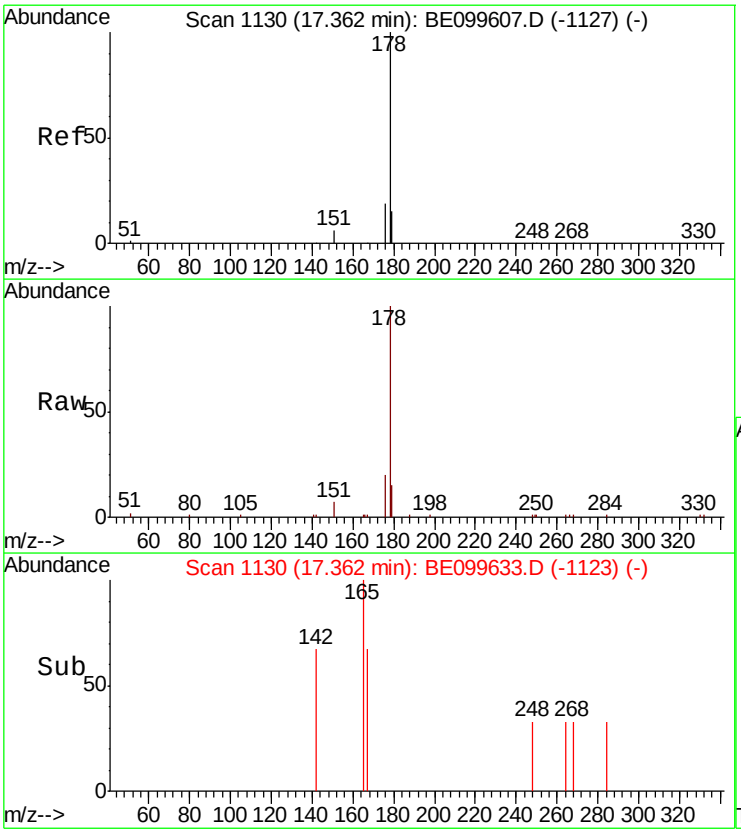
#23
Phenanthrene
Concen: 0.360 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 13589

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.1	12.2	18.2

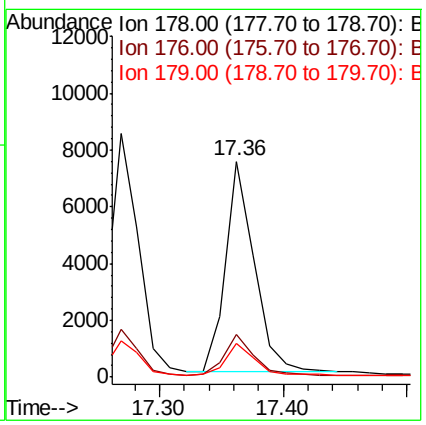


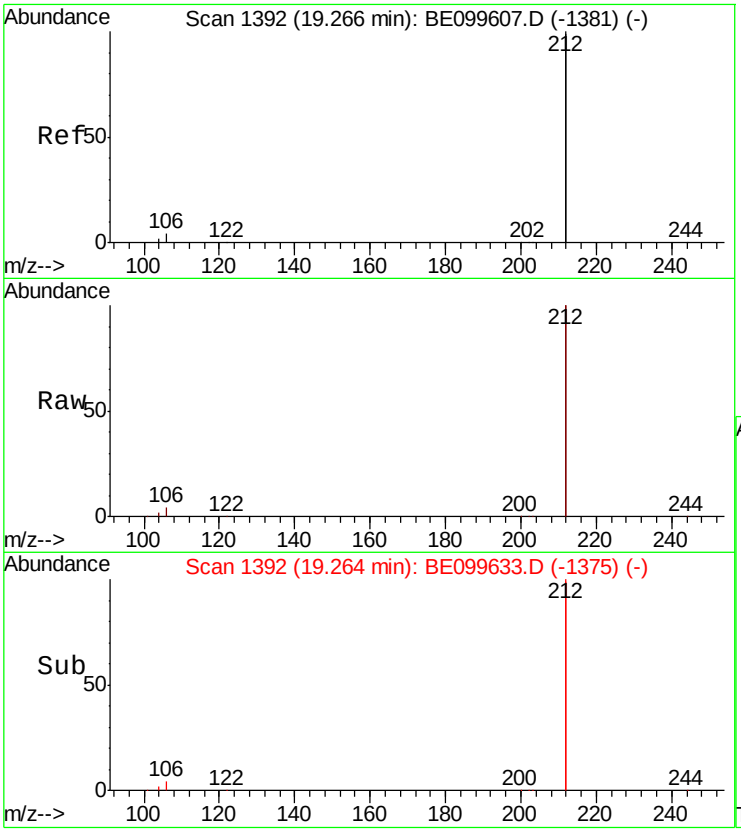


#24
Anthracene
Concen: 0.344 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:178 Resp: 11985

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	14.8	12.1	18.1



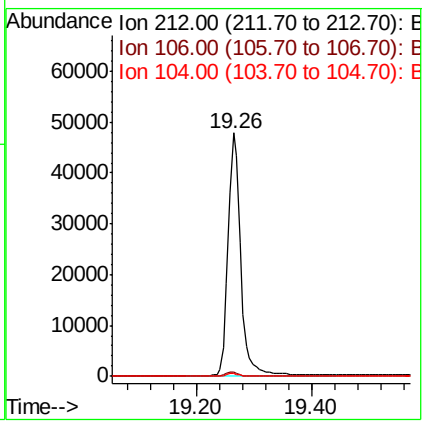


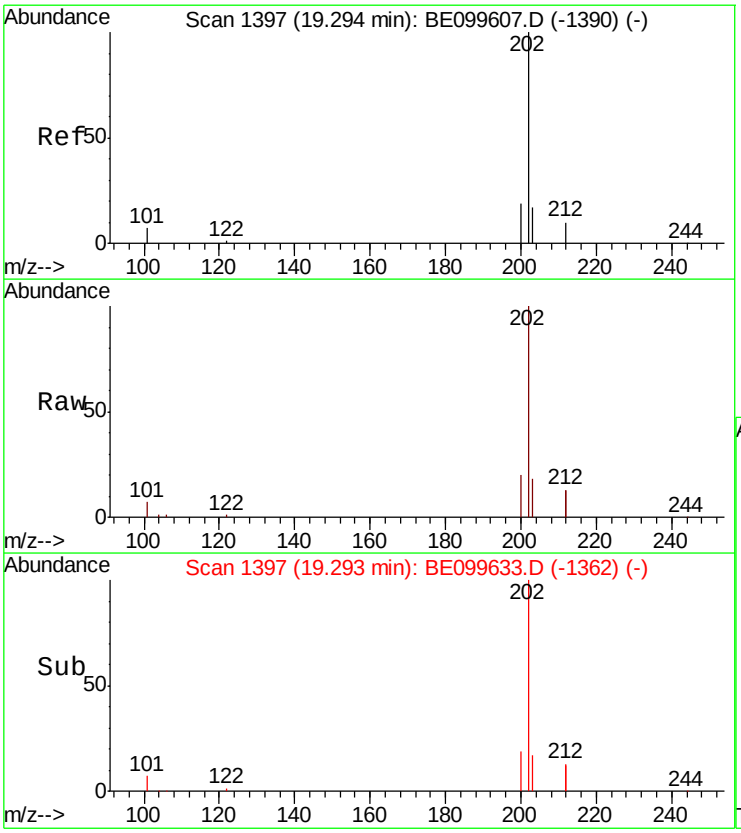
#25
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 72591

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.1	0.9	1.3

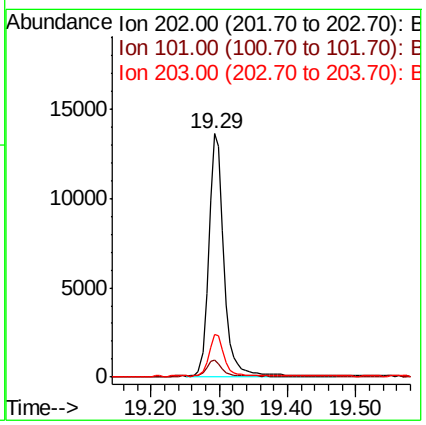


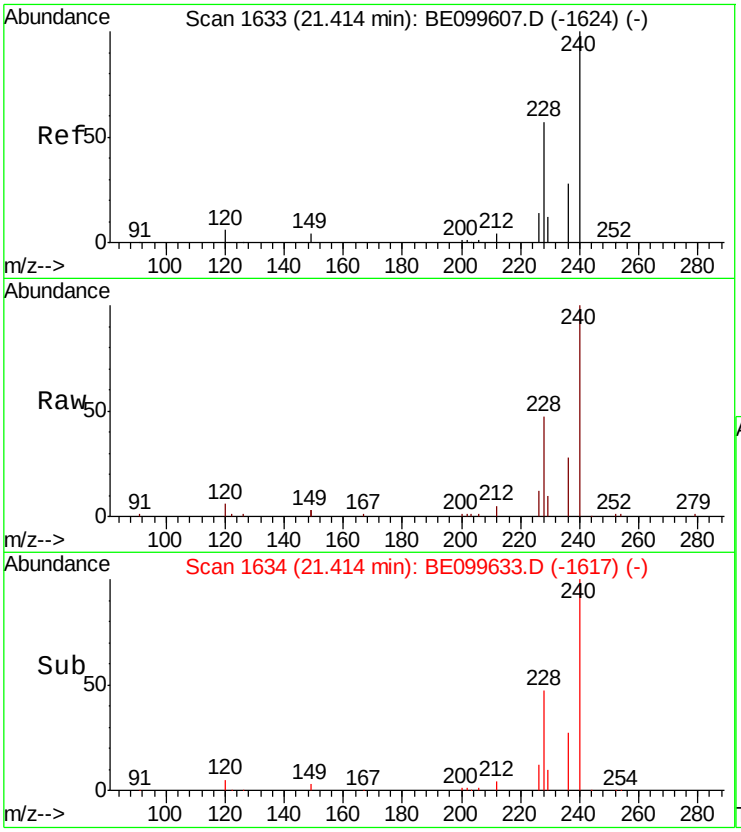


#26
Fluoranthene
Concen: 0.365 ng
RT: 19.29 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:202 Resp: 20871

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.0	7.6
203	17.0	13.7	20.5



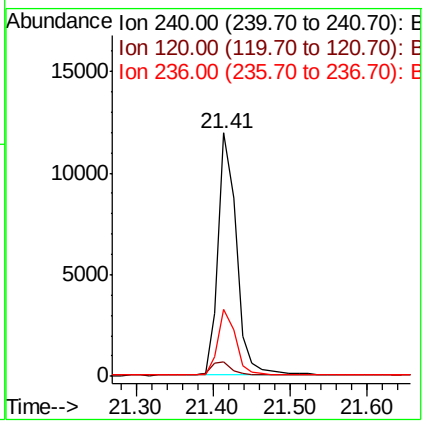


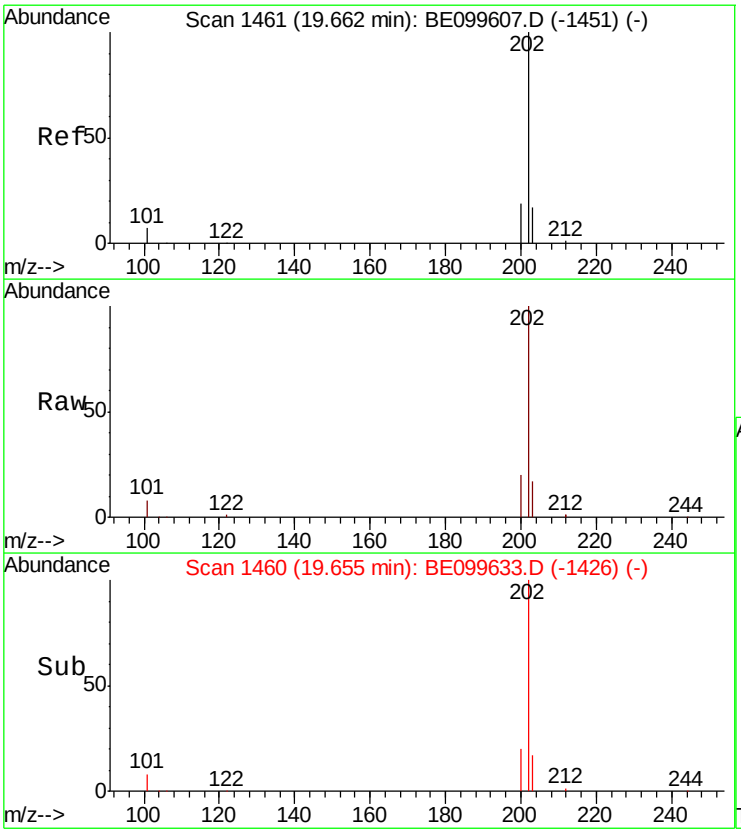
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 19876

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	27.7	22.8	34.2

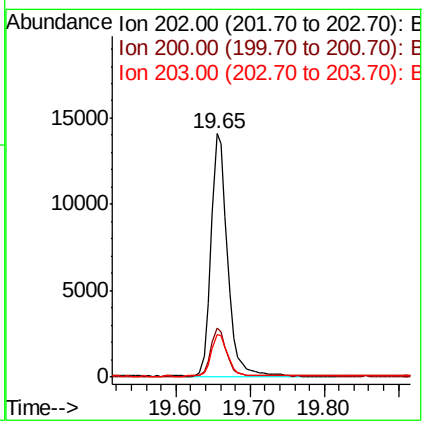


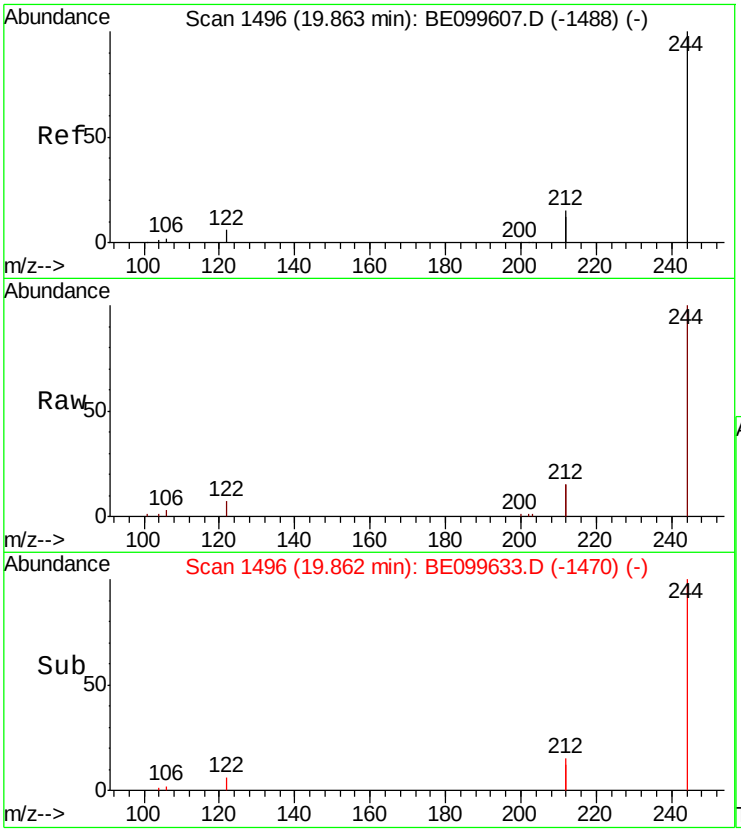


#28
Pyrene
Concen: 0.426 ng
RT: 19.65 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:202 Resp: 21606

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.8	23.6
203	17.3	14.1	21.1



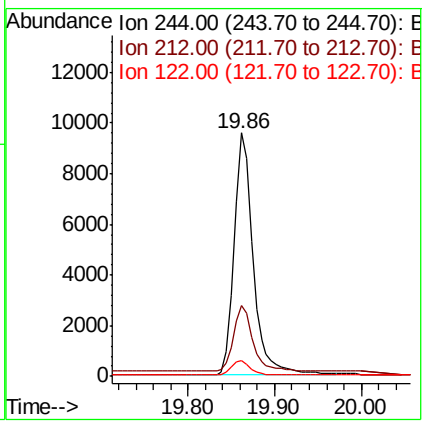


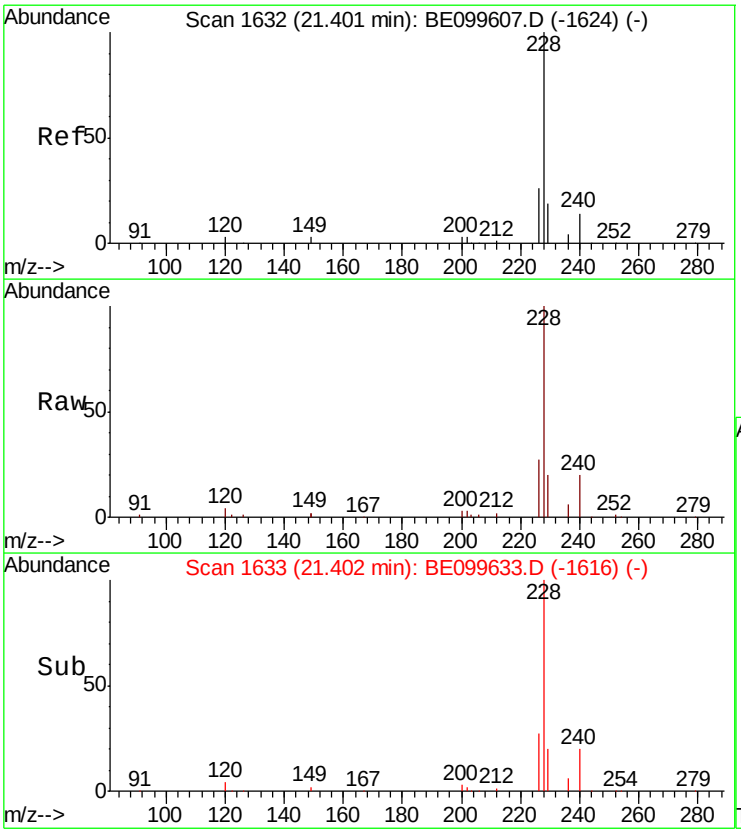
#29
Terphenyl-d14
Concen: 0.406 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 14516

Ion	Ratio	Lower	Upper
244	100		
212	29.1	23.8	35.6
122	6.5	5.0	7.6

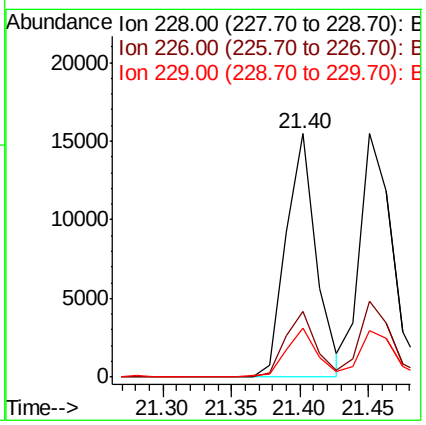


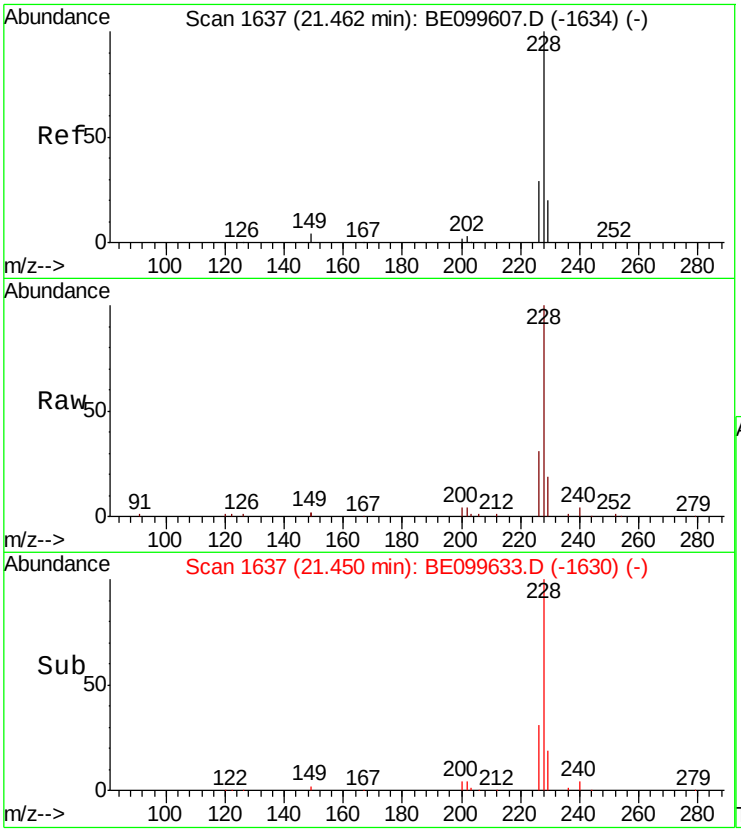


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:228 Resp: 23516

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	20.1	15.8	23.8



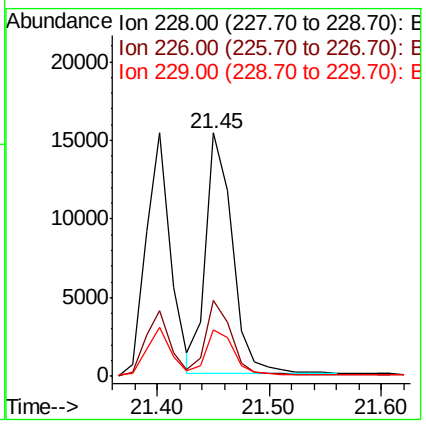


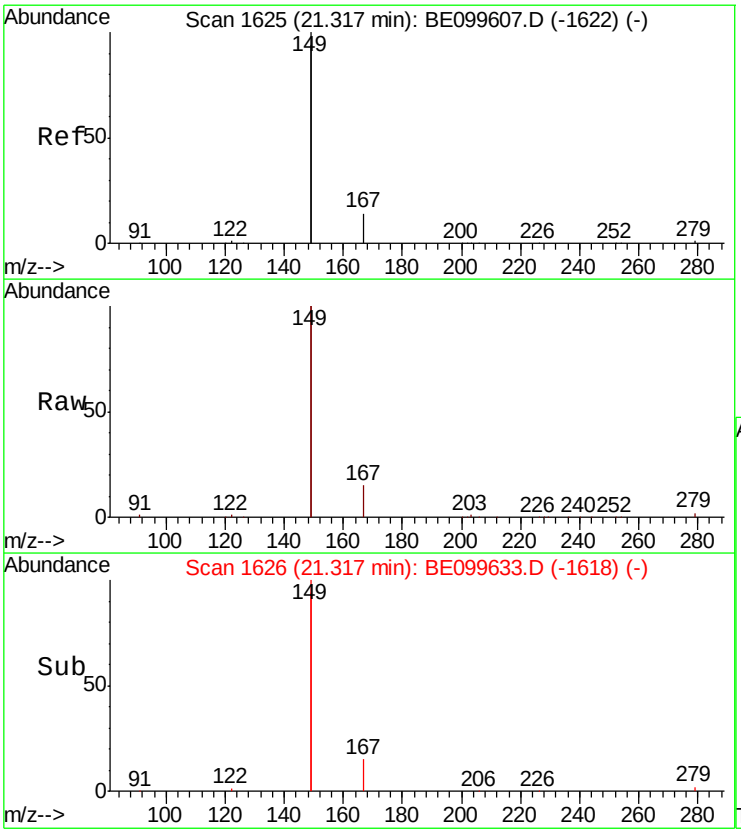
#31
Chrysene
Concen: 0.405 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 25046

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.0	34.4
229	19.0	16.4	24.6

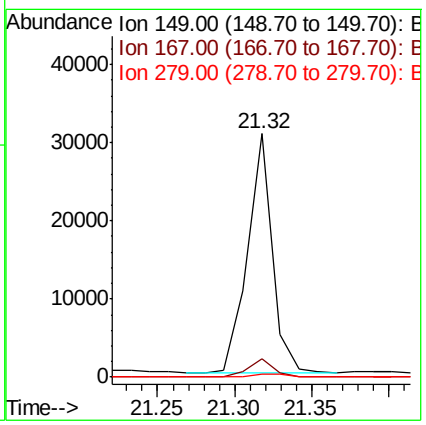


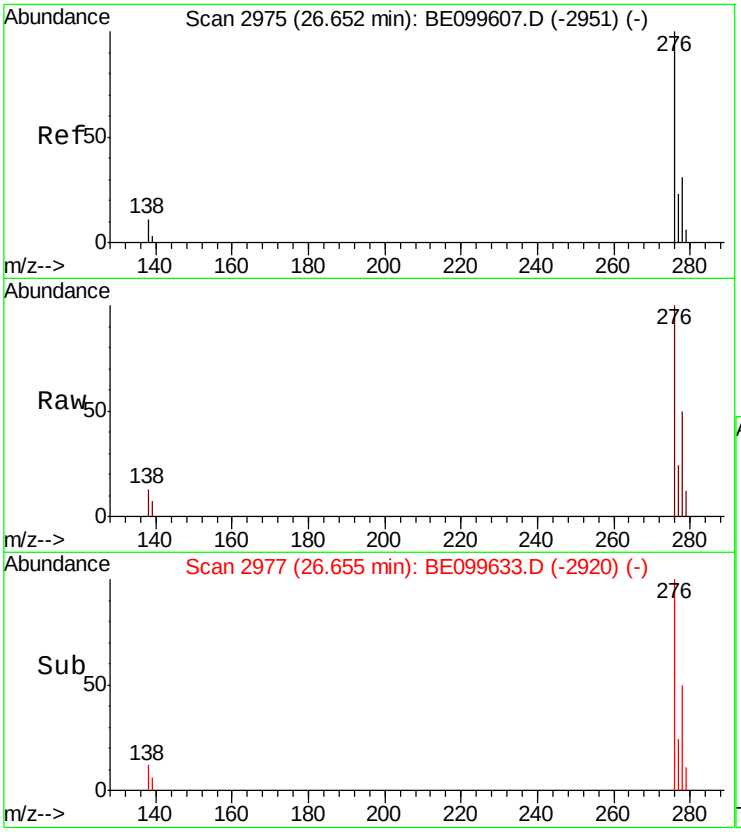


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.365 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:149 Resp: 33766

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.4	1.1	1.7



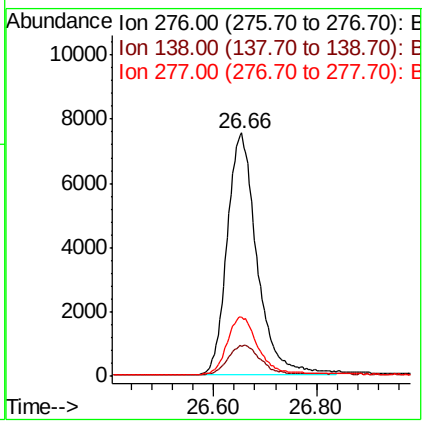


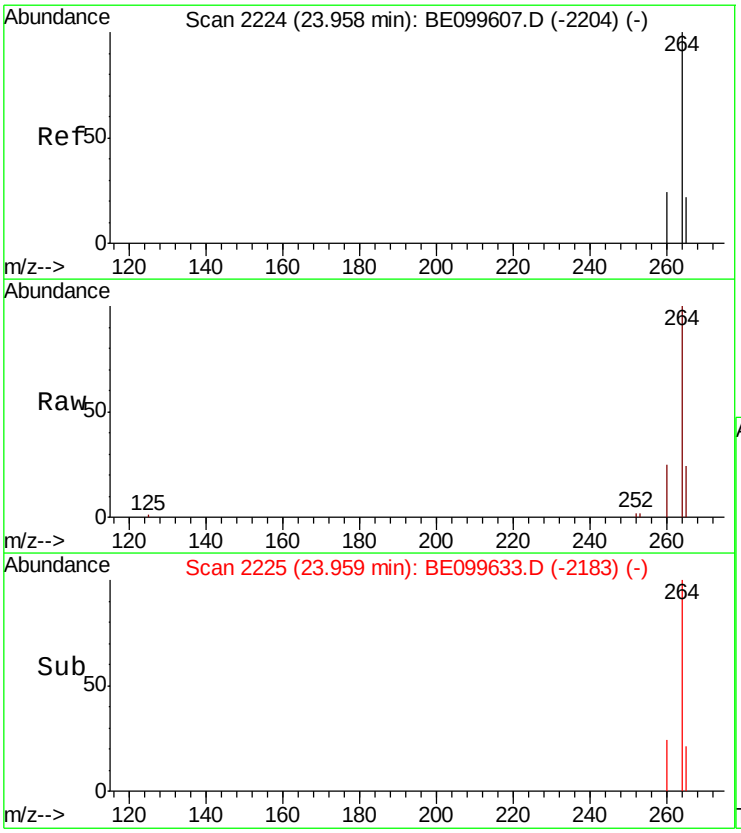
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 26.66 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 30132

Ion	Ratio	Lower	Upper
276	100		
138	13.0	10.0	15.0
277	24.5	19.1	28.7

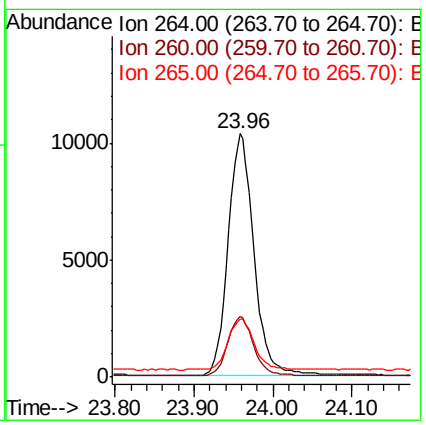


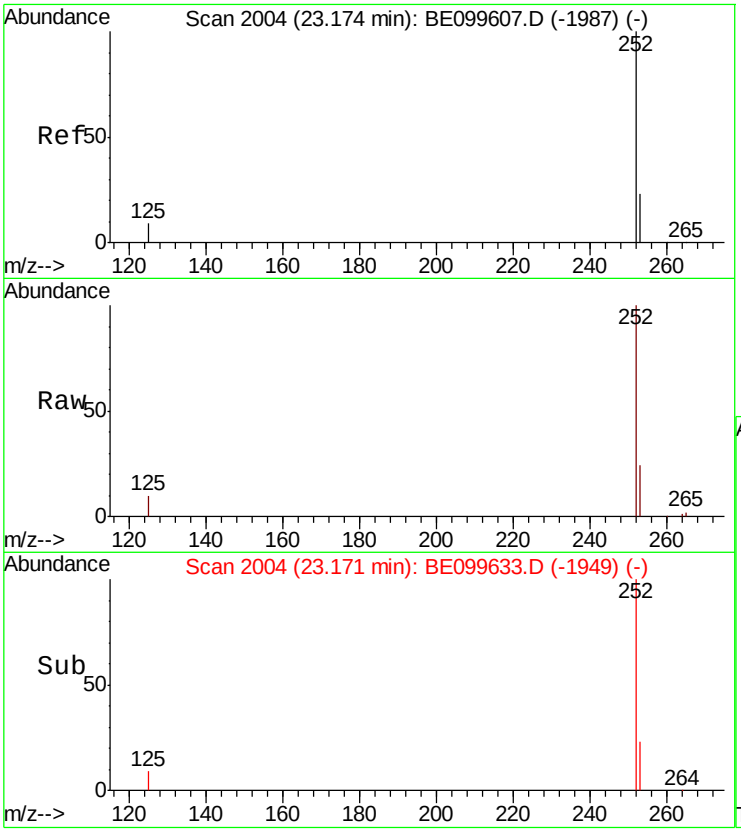


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:264 Resp: 23572

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	24.0	21.2	31.8



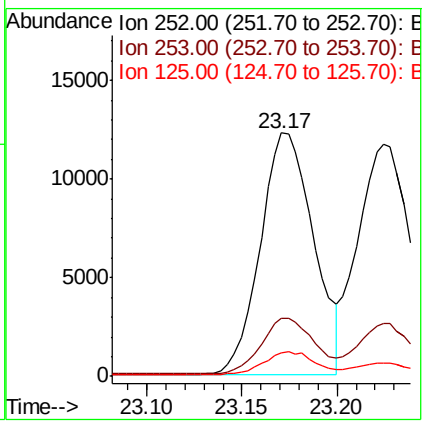


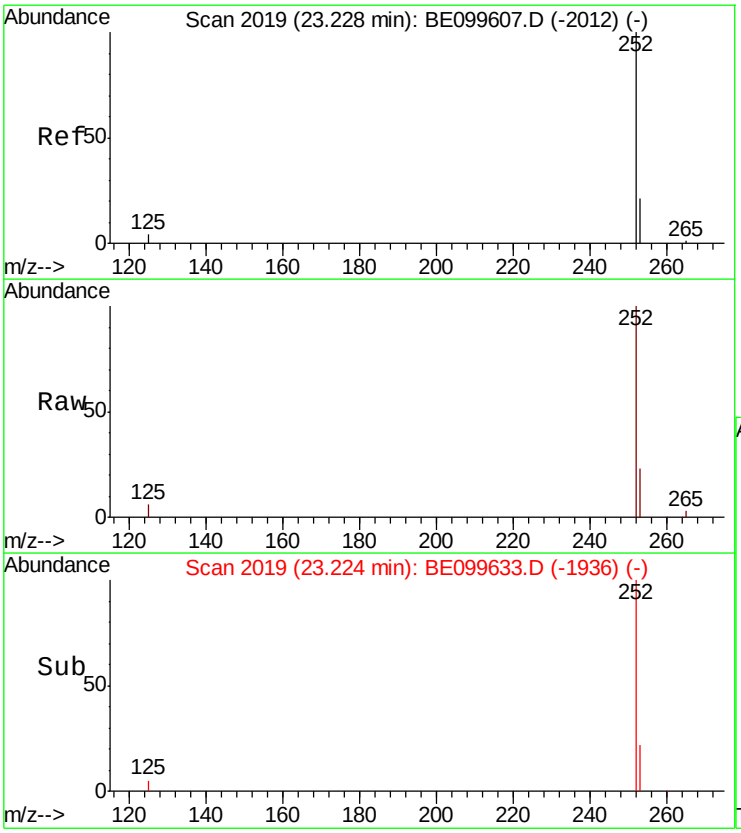
#35
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23981

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	9.6	7.8	11.8

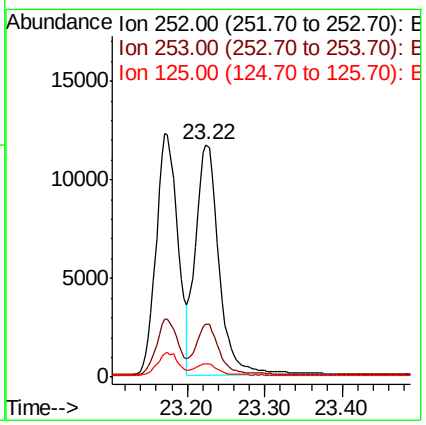


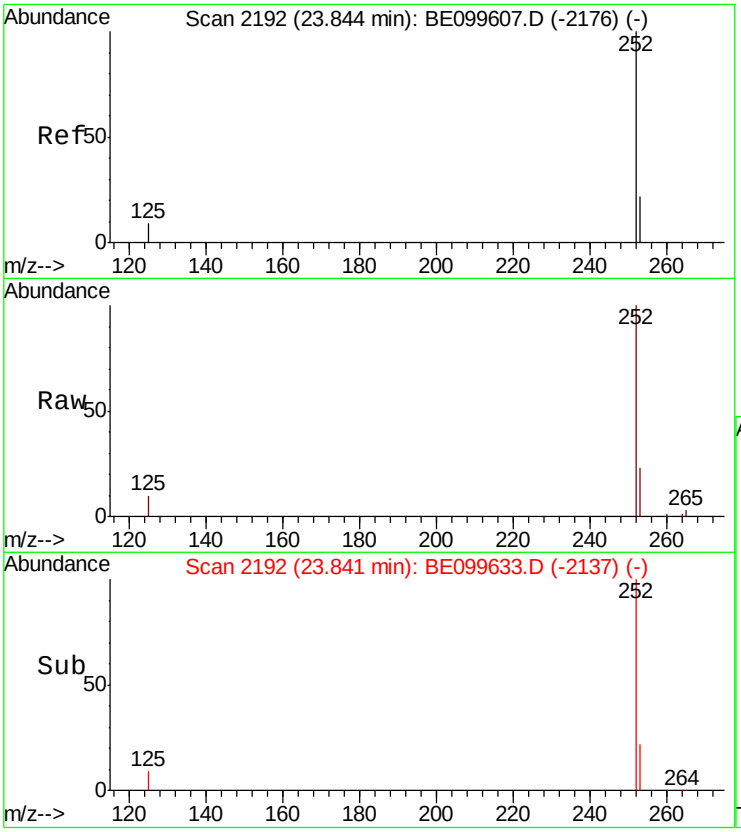


#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 23.22 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:252 Resp: 24556

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	28.0
125	5.9	5.2	7.8



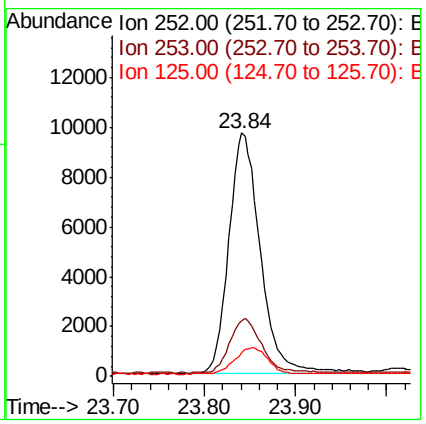


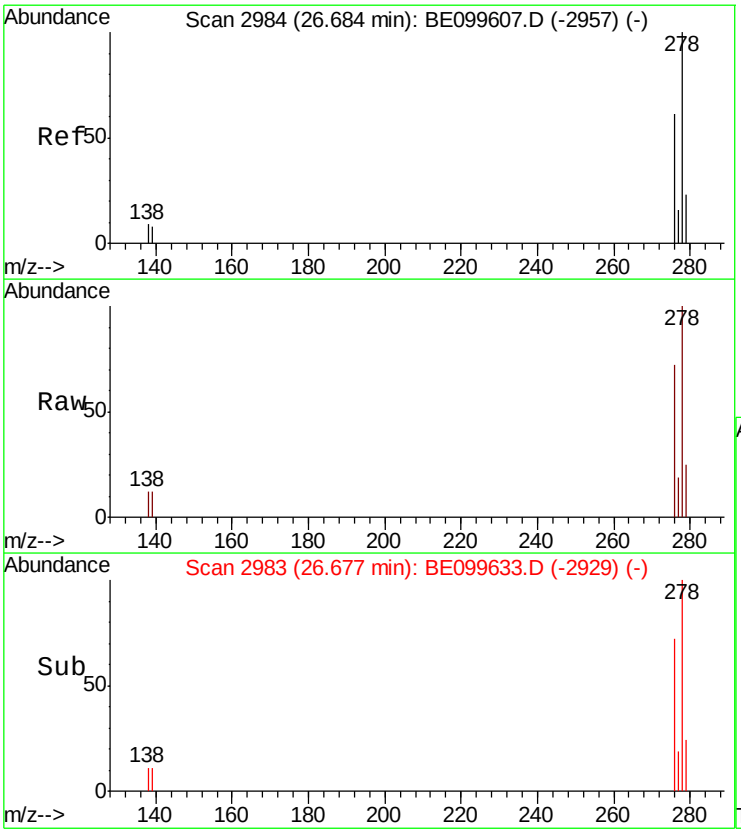
#37
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23278

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.6
125	9.7	8.8	13.2

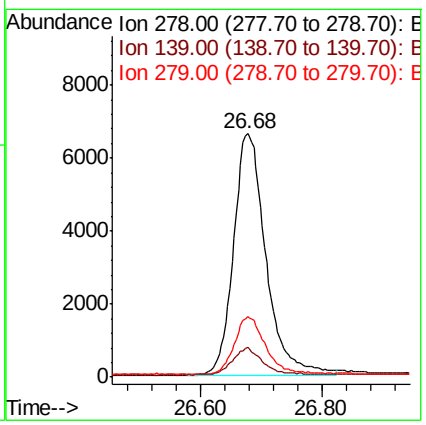


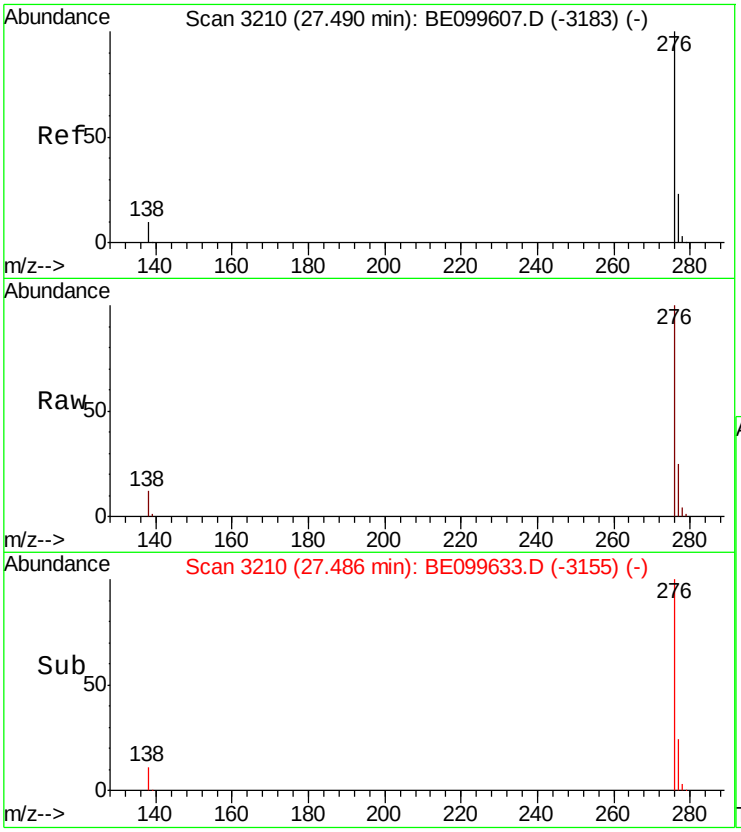


#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 26.68 min Scan# 2983
Delta R.T. -0.01 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:278 Resp: 24552

Ion	Ratio	Lower	Upper
278	100		
139	12.0	7.9	11.9#
279	24.6	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: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 24880

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	11.5	9.1	13.7