Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
Data File : BE099914.D
Acq On : 11 Jun 2019 9:06
Operator : JU/SJ
Sample : PB120391BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120391BS

Quant Time: Jun 12 03:41:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	855	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	3035	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	2104	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	7194	0.40	ng		0.00
27) Chrysene-d12	21.40	240	11534	0.40	ng		0.00
34) Perylene-d12	23.93	264	12873	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	737	0.32	ng		0.01
5) Phenol-d6	6.97	99	888	0.30	ng		0.00
8) Nitrobenzene-d5	8.96	82	895	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	2439	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	343	0.22	ng		0.01
15) 2-Fluorobiphenyl	13.10	172	2706	0.34	ng		0.00
25) Fluoranthene-d10	19.25	212	37127	0.35	ng		0.00
29) Terphenyl-d14	19.85	244	7999	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	443	0.350	ng	#	33
3) n-Nitrosodimethylamine	3.60	42	250	0.343	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	821	0.338	ng		95
9) Naphthalene	10.65	128	11485	0.351	ng		99
10) Hexachlorobutadiene	10.93	225	886	0.355	ng		99
12) 2-Methylnaphthalene	12.28	142	1842	0.346	ng		96
16) Acenaphthylene	14.20	152	3508	0.335	ng		98
17) Acenaphthene	14.53	154	1925	0.338	ng		97
18) Fluorene	15.51	166	2989	0.349	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	1398	0.343	ng		95
21) Hexachlorobenzene	16.52	284	1373	0.330	ng		97
22) Pentachlorophenol	16.95	266	134	0.367	ng		94
23) Phenanthrene	17.26	178	5935	0.340	ng		99
24) Anthracene	17.35	178	5208	0.325	ng		99
26) Fluoranthene	19.28	202	10930	0.368	ng		99
28) Pyrene	19.64	202	11560	0.381	ng		100
30) Benzo(a)anthracene	21.38	228	13681	0.397	ng		99
31) Chrysene	21.44	228	13598	0.382	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16941	0.342	ng		99
33) Indeno(1,2,3-cd)pyrene	26.61	276	16060	0.380	ng	#	94
35) Benzo(b)fluoranthene	23.20	252	14592	0.405	ng		99
36) Benzo(k)fluoranthene	23.20	252	14785	0.392	ng		100
37) Benzo(a)pyrene	23.81	252	13475	0.379	ng	#	96
38) Dibenzo(a,h)anthracene	26.64	278	12720	0.355	ng		98
39) Benzo(g,h,i)perylene	27.44	276	13698	0.370	ng		100

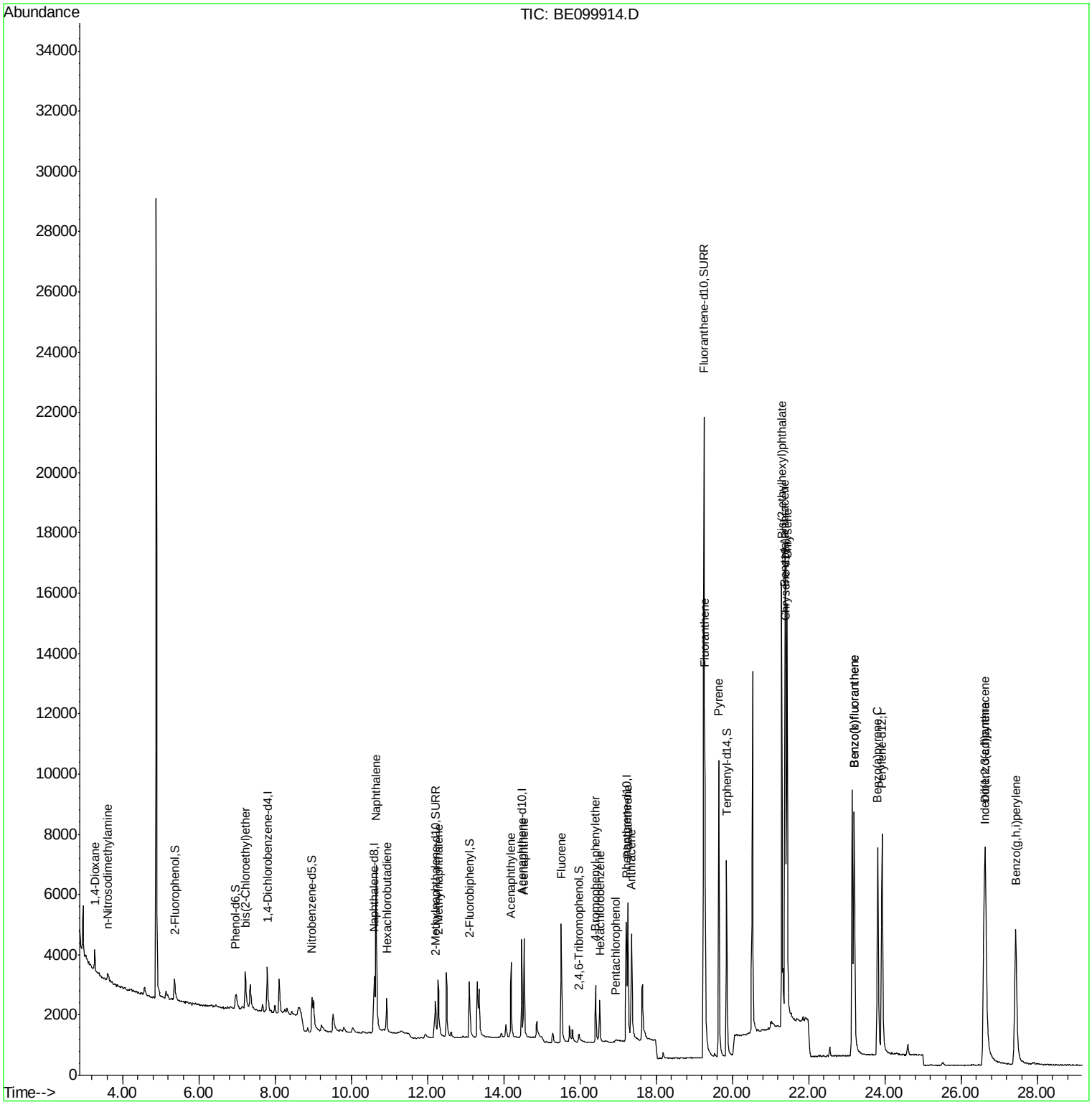
(#) = qualifier out of range (m) = manual integration (+) = signals summed

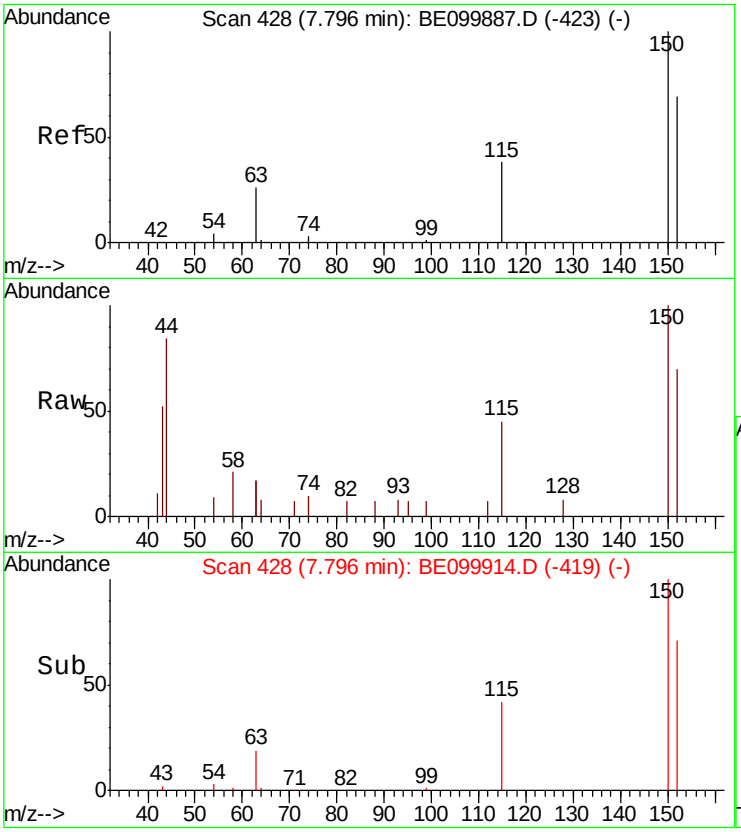
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
Data File : BE099914.D
Acq On : 11 Jun 2019 9:06
Operator : JU/SJ
Sample : PB120391BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Quant Time: Jun 12 03:41:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



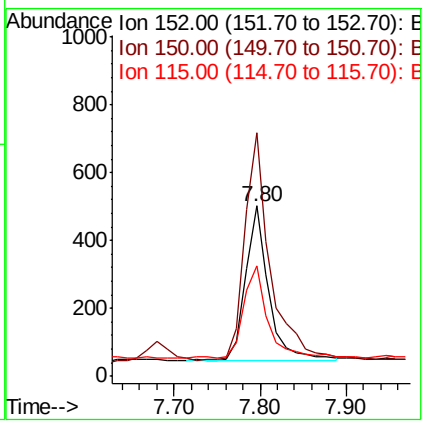


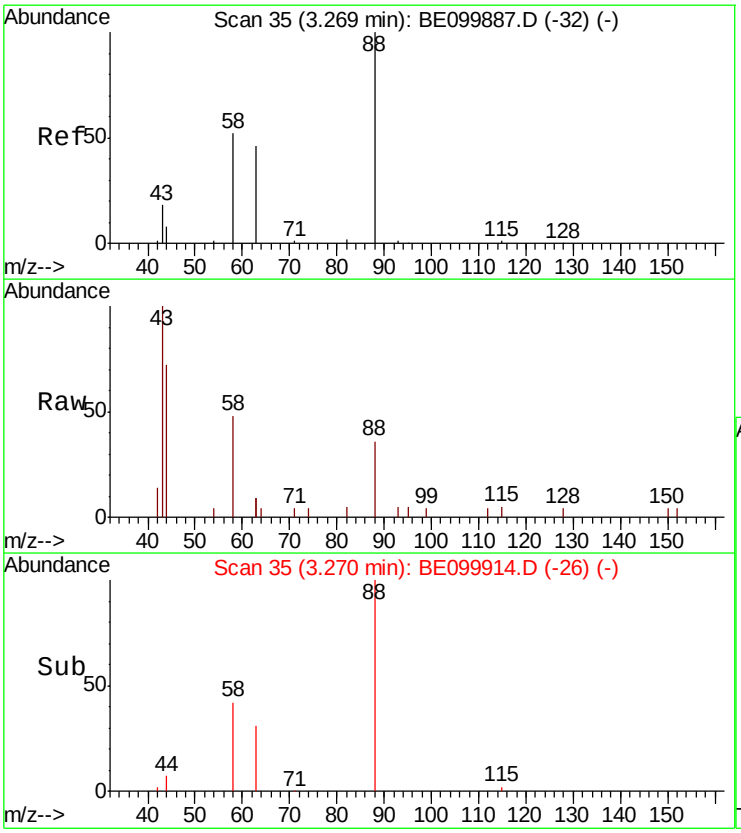
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:152 Resp: 855

Ion	Ratio	Lower	Upper
152	100		
150	143.1	111.0	166.6
115	64.7	50.7	76.1

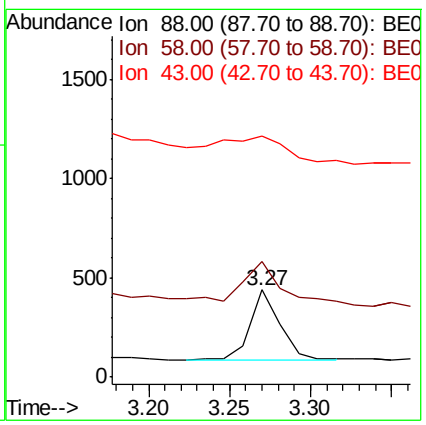


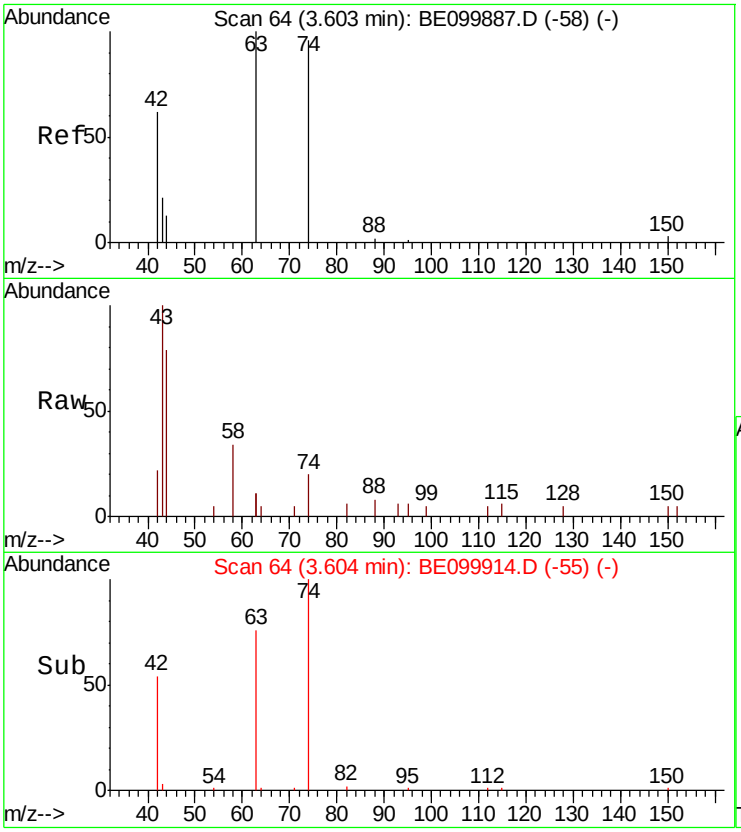


#2
1,4-Dioxane
Concen: 0.350 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion: 88 Resp: 443

Ion	Ratio	Lower	Upper
88	100		
58	85.3	48.8	73.2#
43	101.8	19.0	28.6#



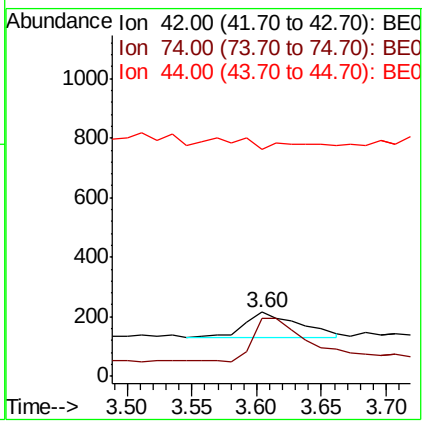


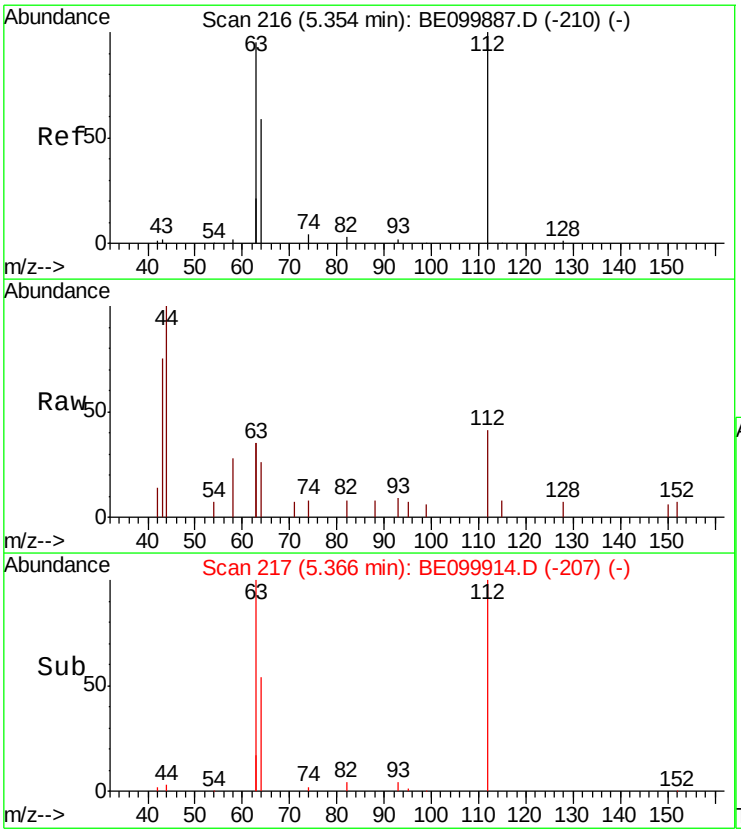
#3
n-Nitrosodimethylamine
Concen: 0.343 ng
RT: 3.60 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion: 42 Resp: 250

Ion	Ratio	Lower	Upper
42	100		
74	160.8	0.0	0.0#
44	26.4	0.0	0.0#

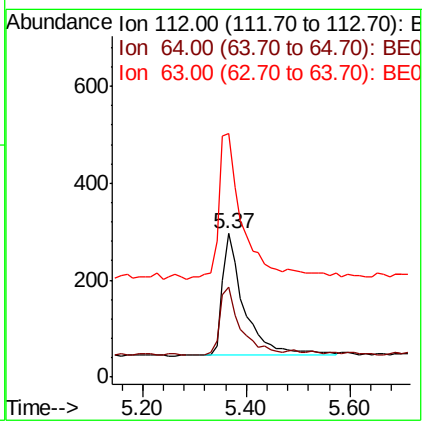


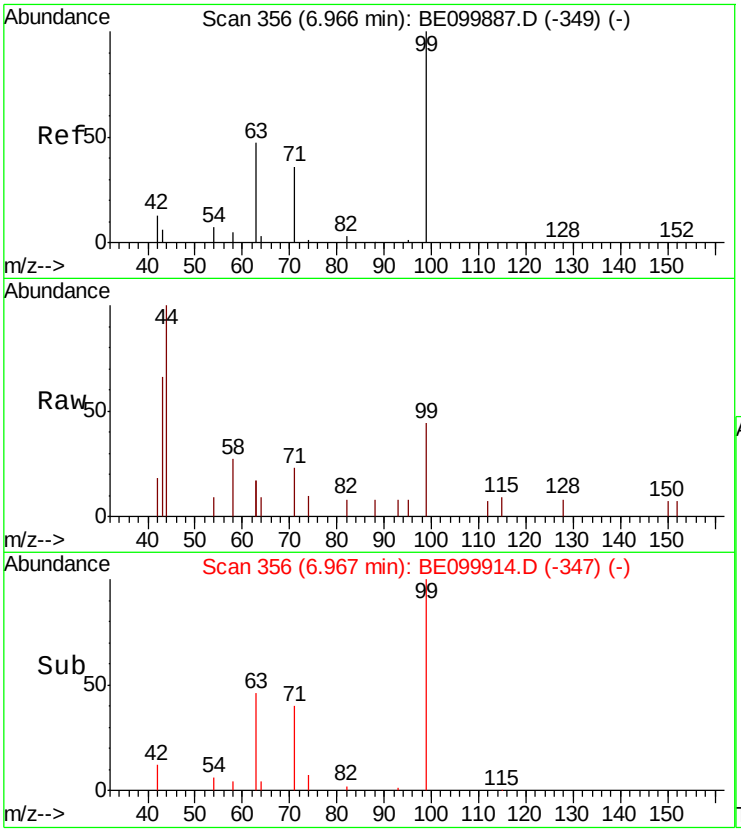


#4
2-Fluorophenol
Concen: 0.319 ng
RT: 5.37 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:112 Resp: 737

Ion	Ratio	Lower	Upper
112	100		
64	50.9	44.1	66.1
63	122.7	87.8	131.6



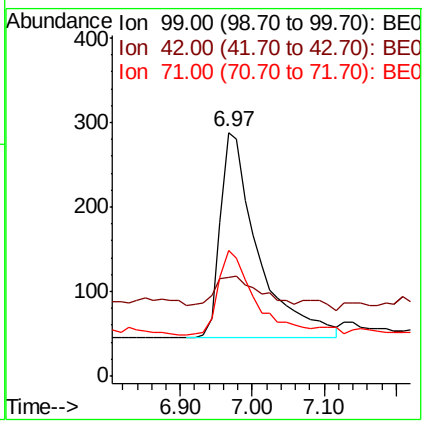


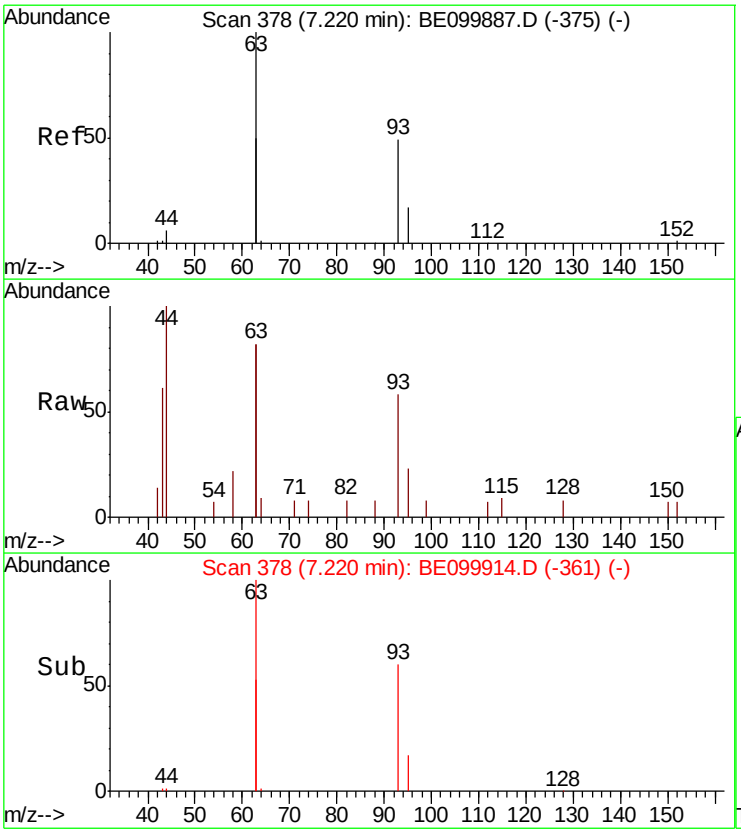
#5
Phenol-d6
Concen: 0.299 ng
RT: 6.97 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion: 99 Resp: 888

Ion	Ratio	Lower	Upper
99	100		
42	15.4	15.9	23.9#
71	38.7	34.6	52.0

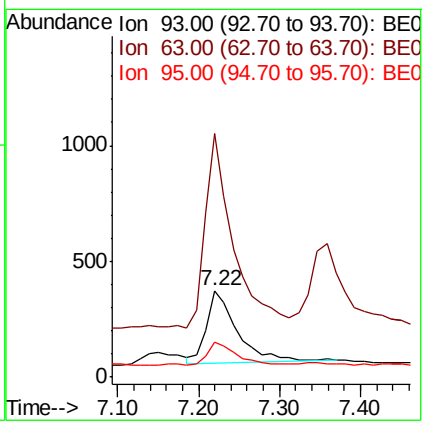


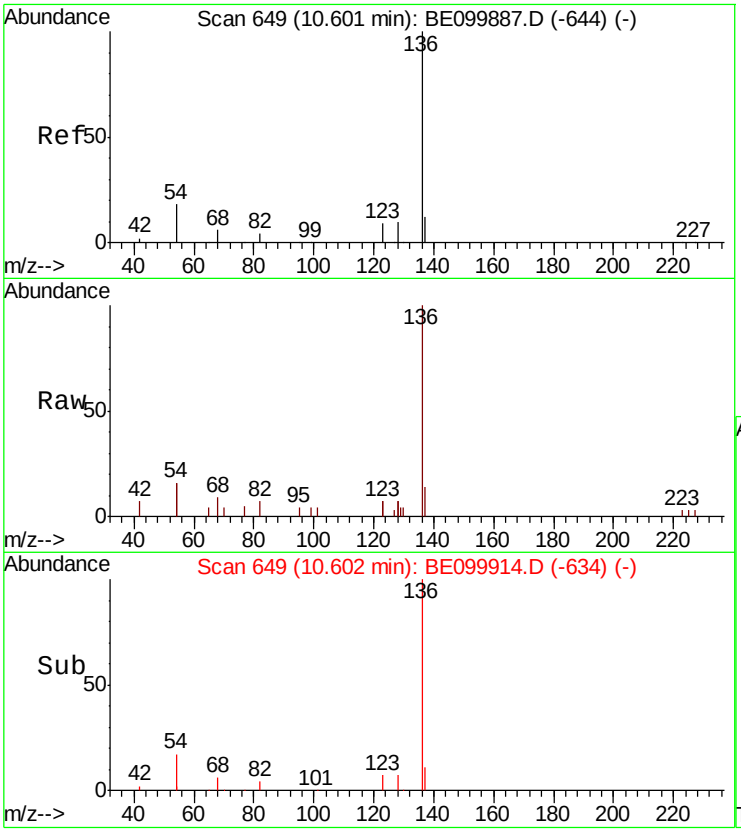


#6
bis(2-Chloroethyl)ether
Concen: 0.338 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion: 93 Resp: 821

Ion	Ratio	Lower	Upper
93	100		
63	244.7	202.8	304.2
95	31.8	23.7	35.5



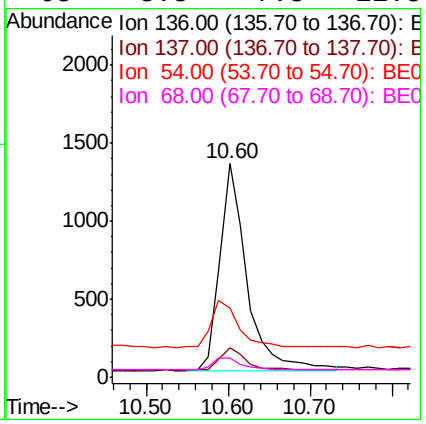


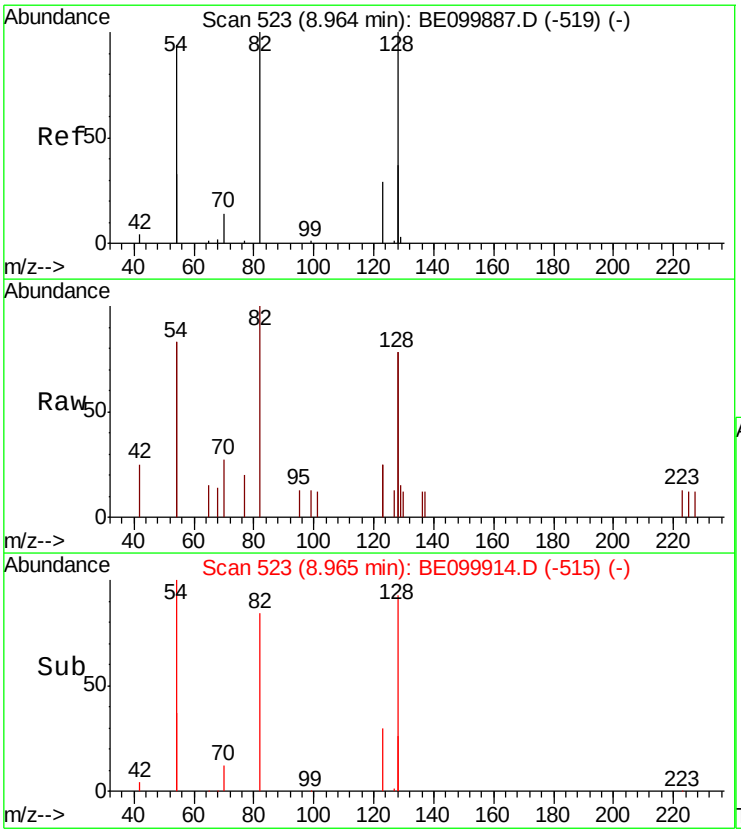
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:136 Resp: 3035

Ion	Ratio	Lower	Upper
136	100		
137	13.9	12.3	18.5
54	32.3	28.2	42.4
68	8.8	7.8	11.8

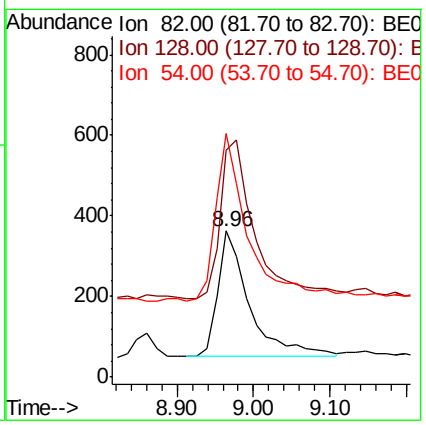


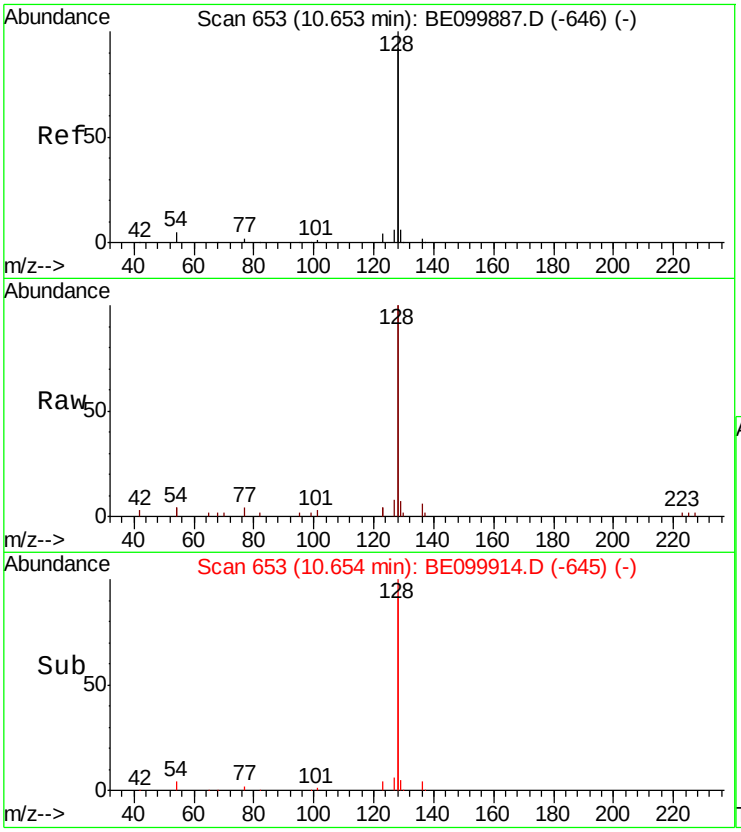


#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion: 82 Resp: 895

Ion	Ratio	Lower	Upper
82	100		
128	155.4	137.3	205.9
54	166.4	129.7	194.5



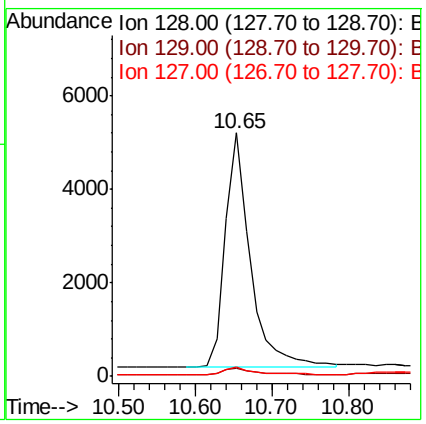


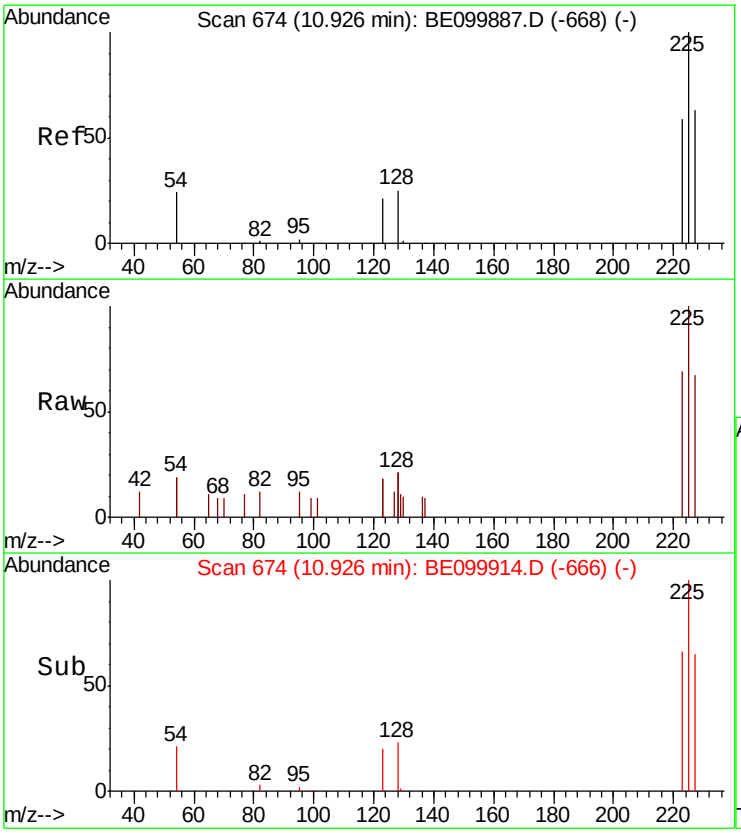
#9
Naphthalene
Concen: 0.351 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:128 Resp: 11485

Ion	Ratio	Lower	Upper
128	100		
129	3.5	3.0	4.6
127	4.0	3.4	5.0

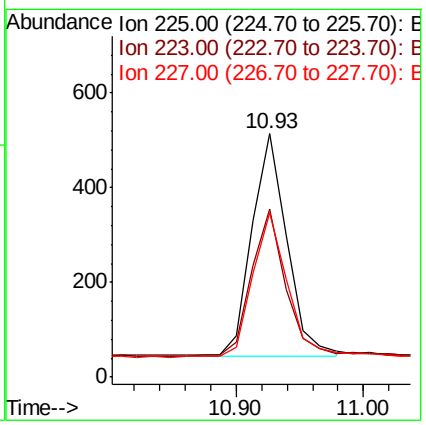


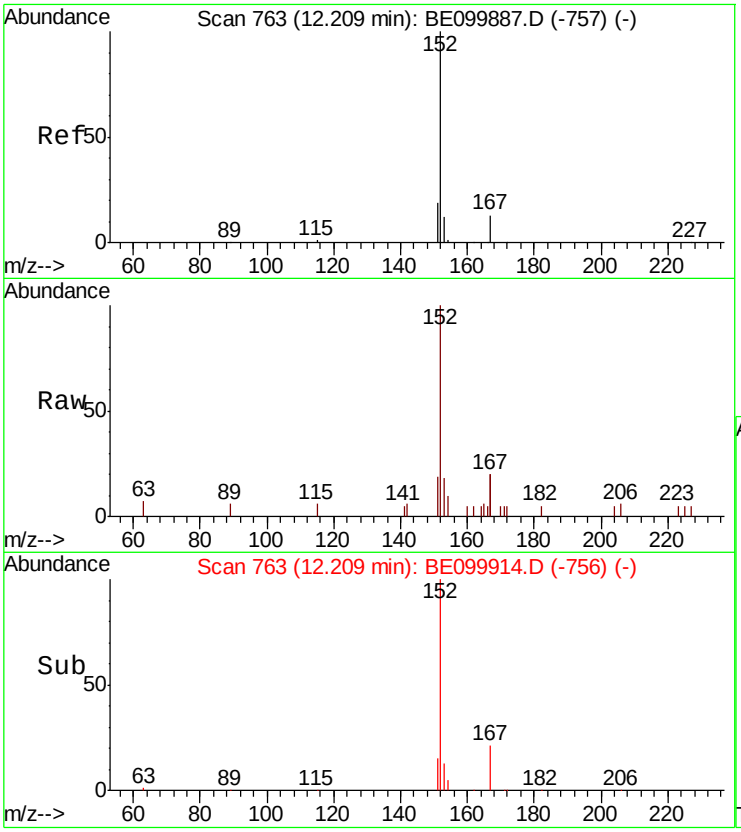


#10
Hexachlorobutadiene
Concen: 0.355 ng
RT: 10.93 min Scan# 674
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:225 Resp: 886

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.6	77.4
227	63.4	50.6	76.0



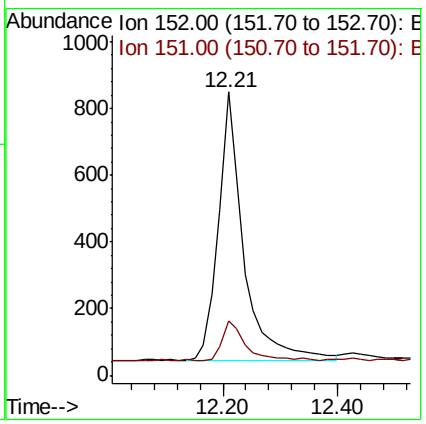


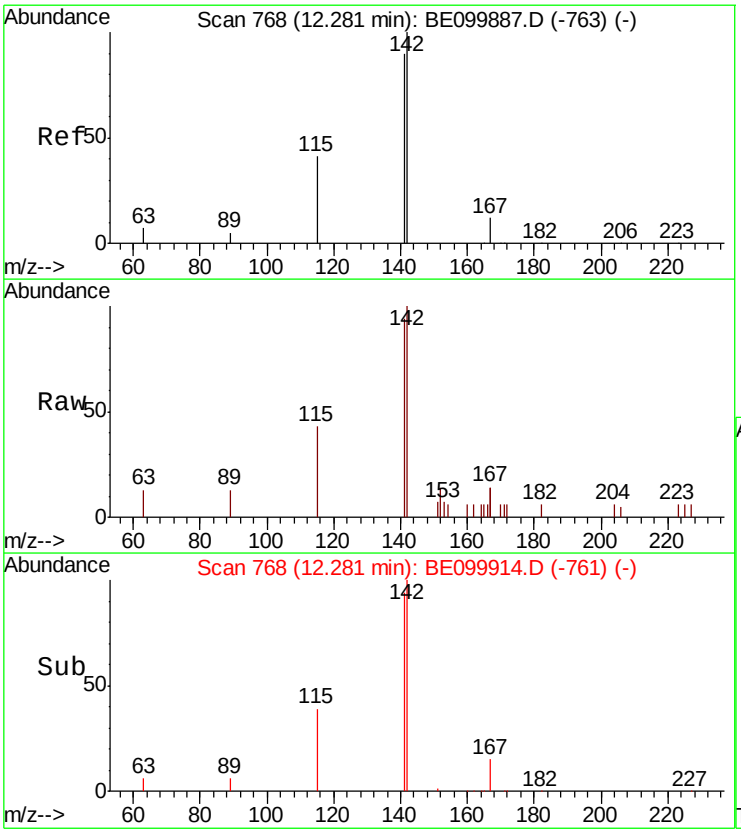
#11
2-Methylnaphthalene-d10
Concen: 0.461 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:152 Resp: 2439

Ion	Ratio	Lower	Upper
152	100		
151	13.3	15.2	22.8#

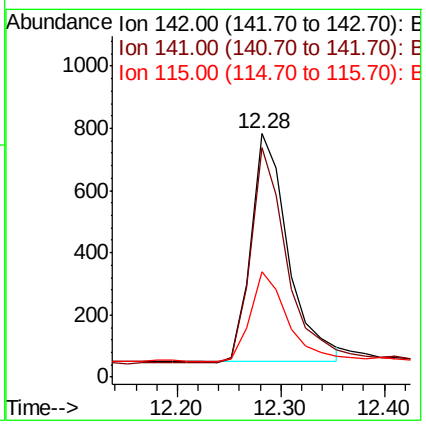


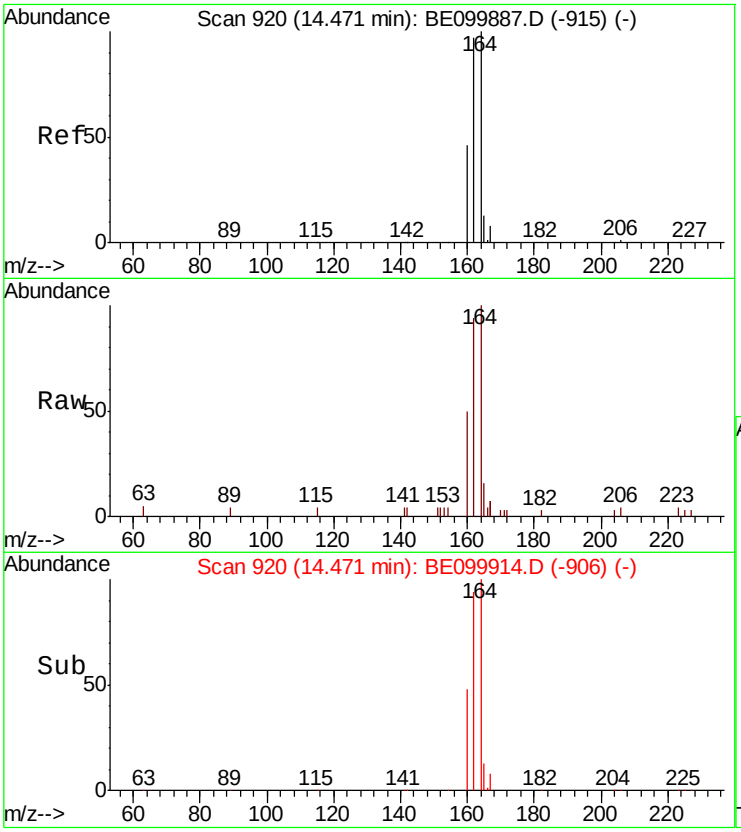


#12
2-Methylnaphthalene
Concen: 0.346 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:142 Resp: 1842

Ion	Ratio	Lower	Upper
142	100		
141	94.1	72.3	108.5
115	43.2	36.4	54.6



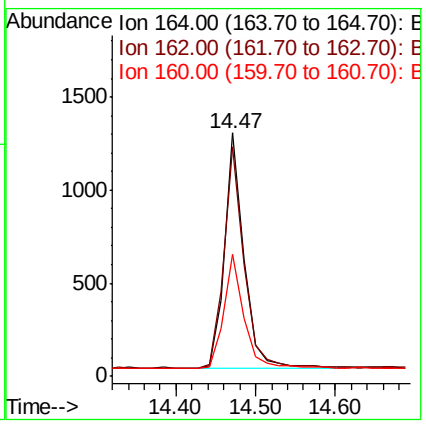


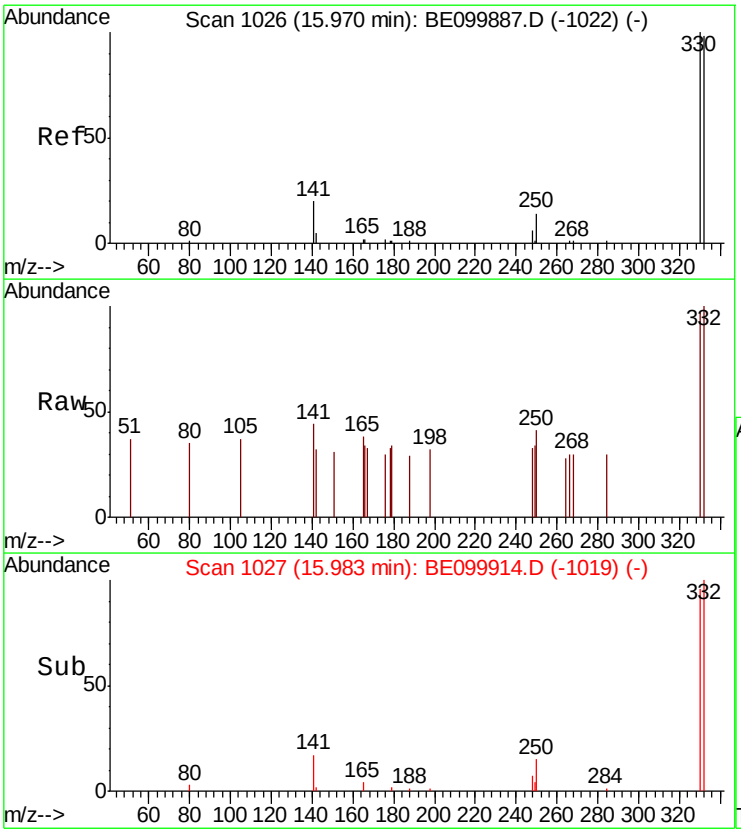
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:164 Resp: 2104

Ion	Ratio	Lower	Upper
164	100		
162	94.4	77.8	116.8
160	50.1	38.2	57.4

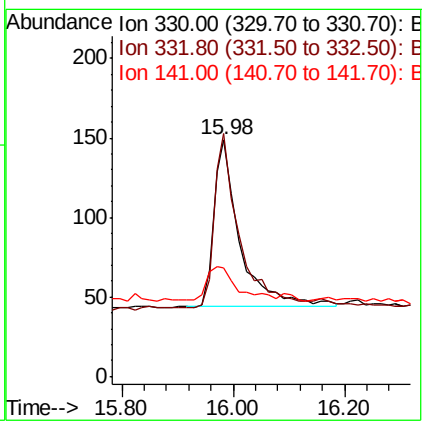


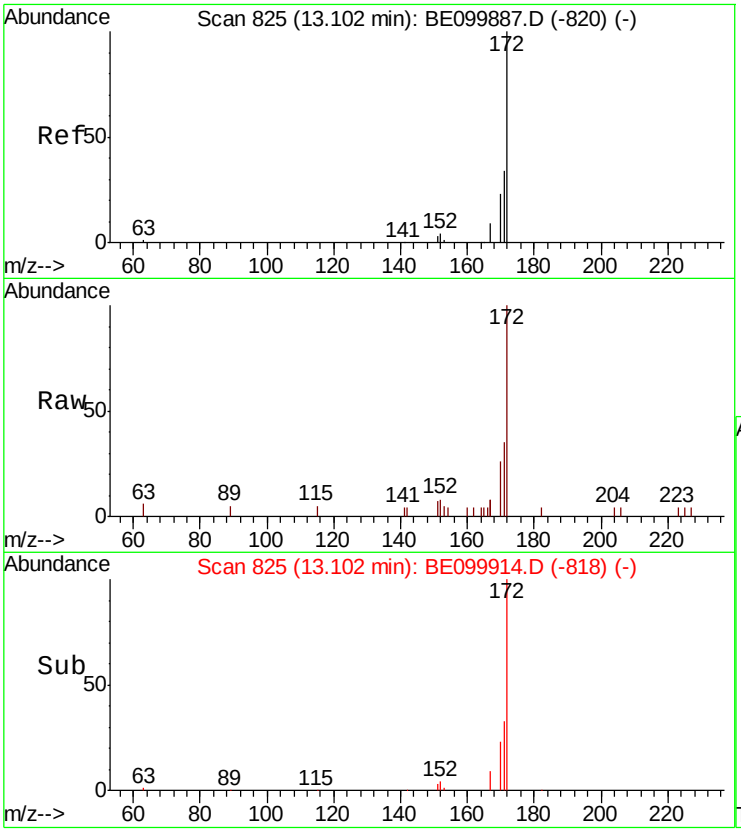


#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:330 Resp: 343

Ion	Ratio	Lower	Upper
330	100		
332	101.7	76.7	115.1
141	22.2	21.0	31.6



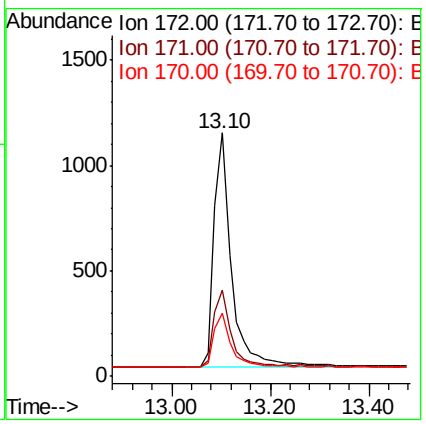


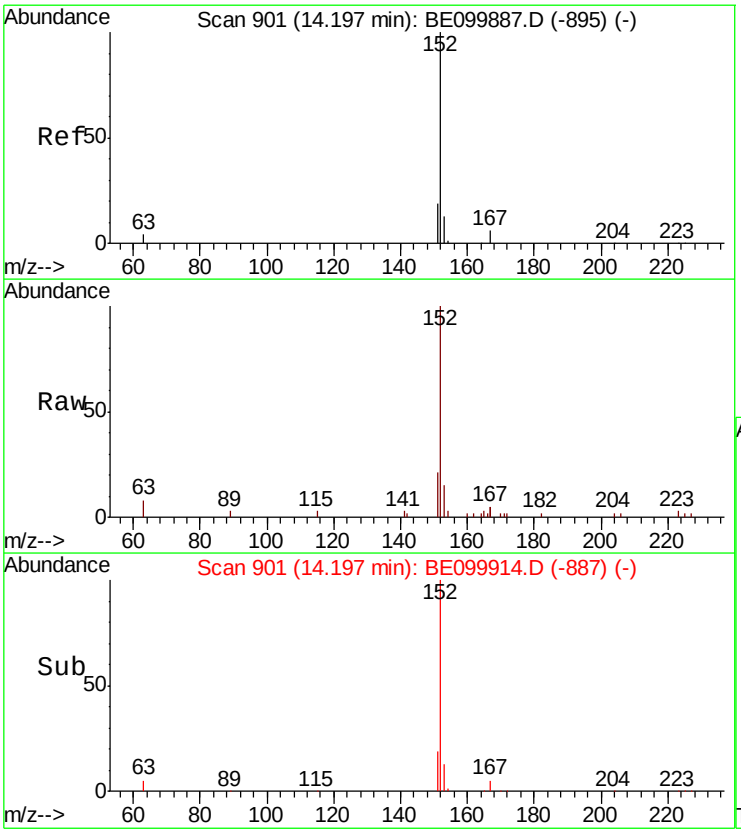
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:172 Resp: 2706

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.2	43.8
170	25.8	21.2	31.8

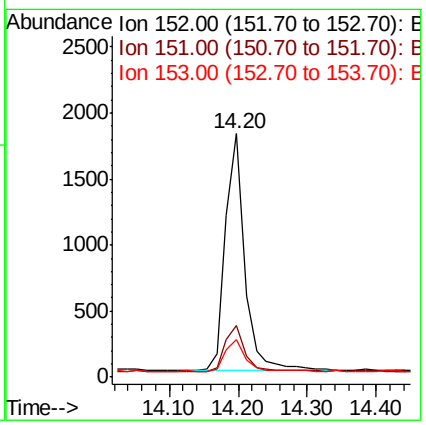


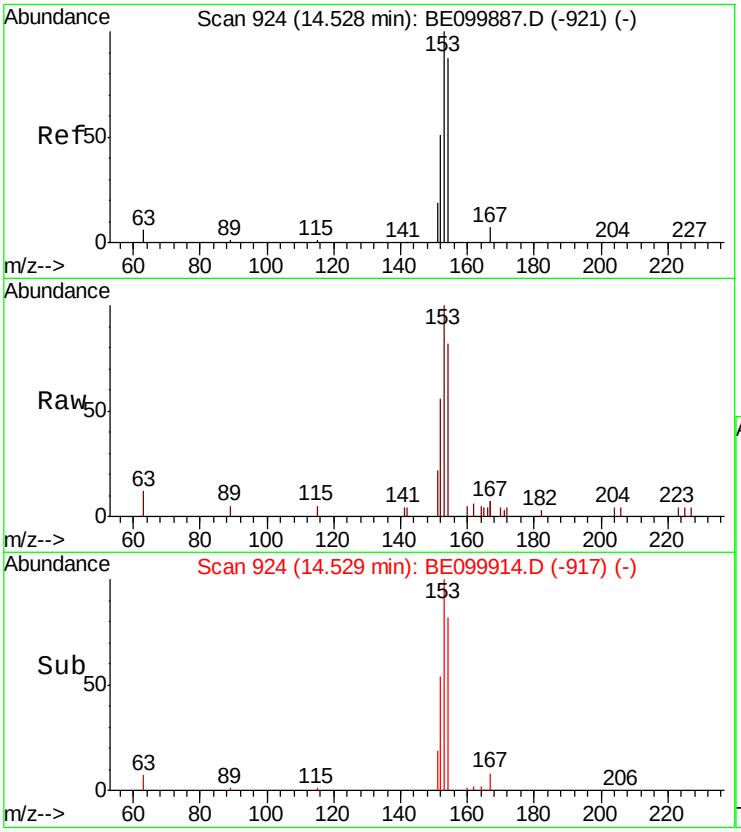


#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:152 Resp: 3508

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.5	23.3
153	13.4	10.2	15.2



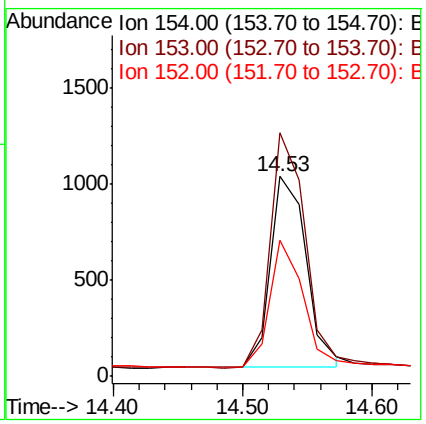


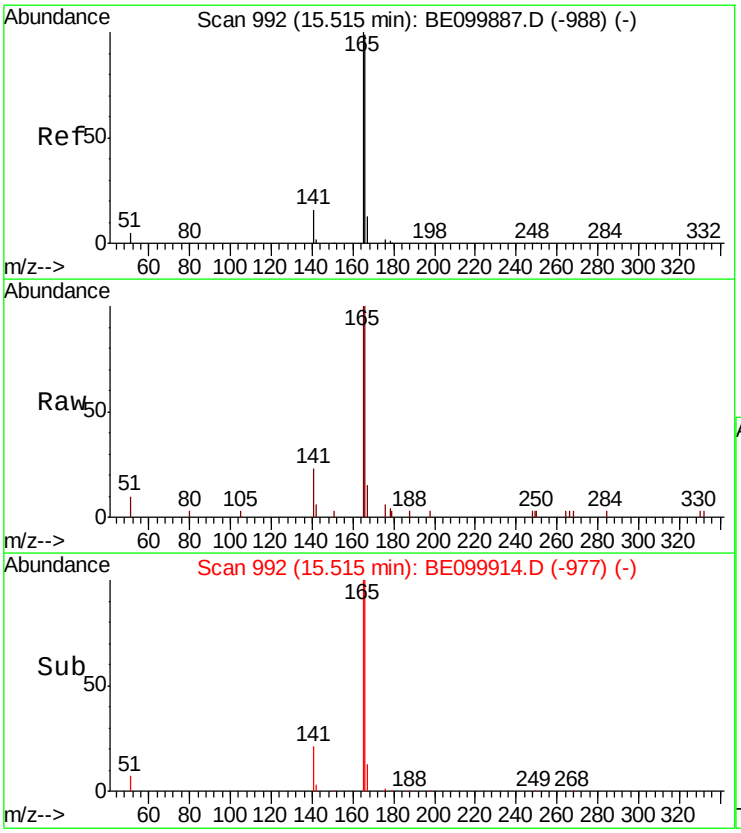
#17
Acenaphthene
Concen: 0.338 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:154 Resp: 1925

Ion	Ratio	Lower	Upper
154	100		
153	119.4	93.1	139.7
152	61.7	47.0	70.4

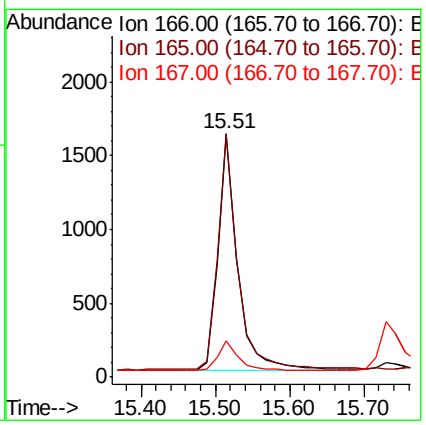


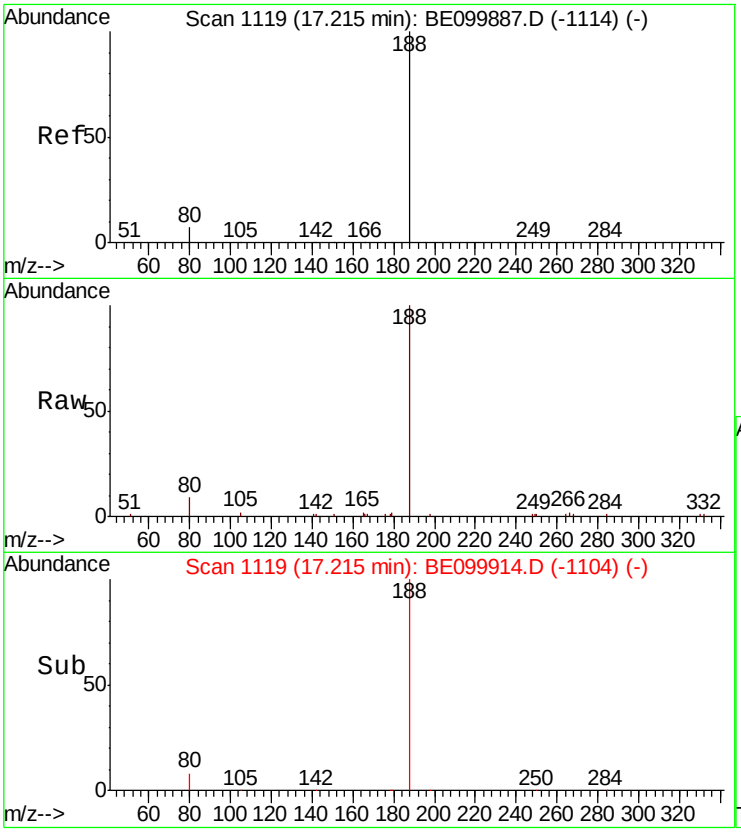


#18
Fluorene
Concen: 0.349 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:166 Resp: 2989

Ion	Ratio	Lower	Upper
166	100		
165	99.8	81.8	122.8
167	13.2	11.2	16.8



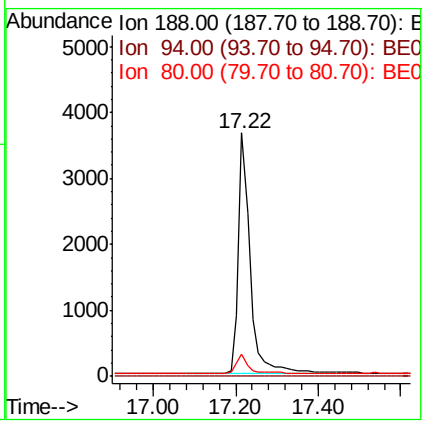


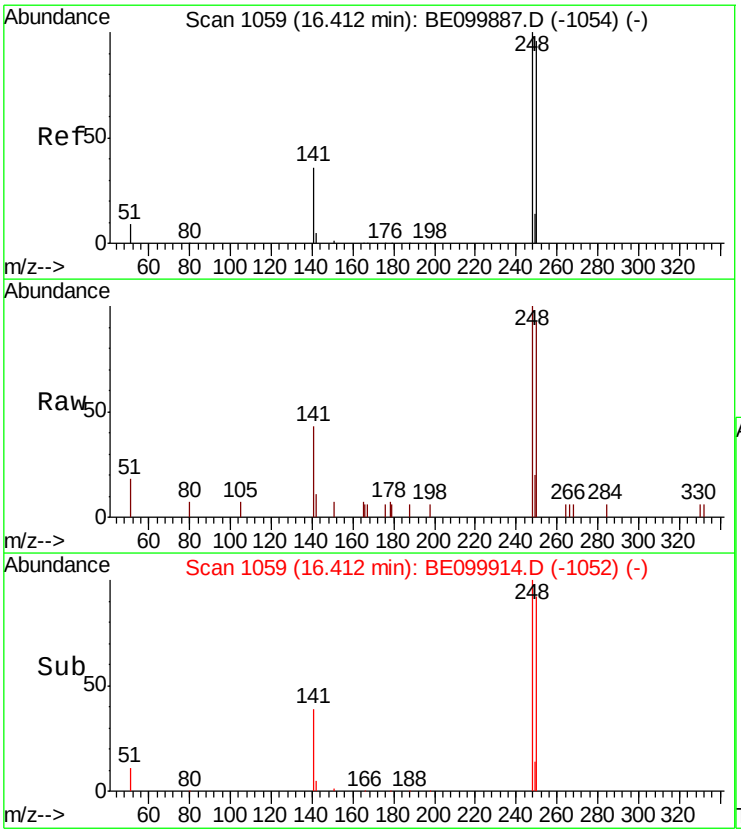
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:188 Resp: 7194

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.4	9.6

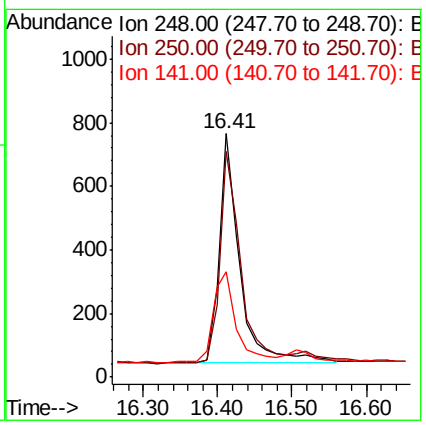


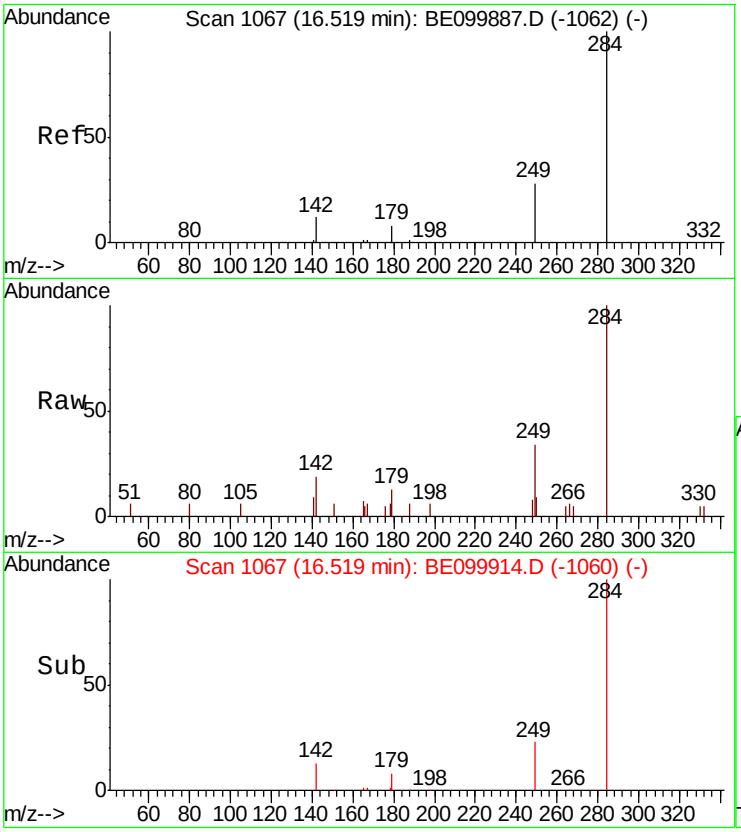


#20
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:248 Resp: 1398

Ion	Ratio	Lower	Upper
248	100		
250	92.6	77.5	116.3
141	43.2	31.8	47.8



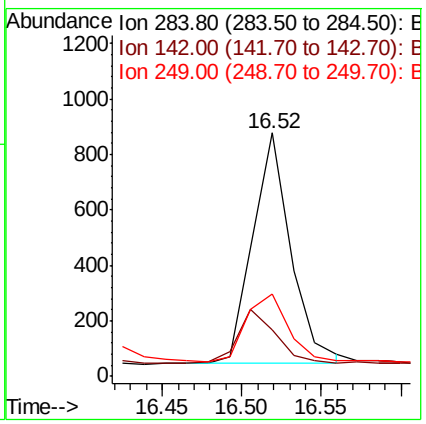


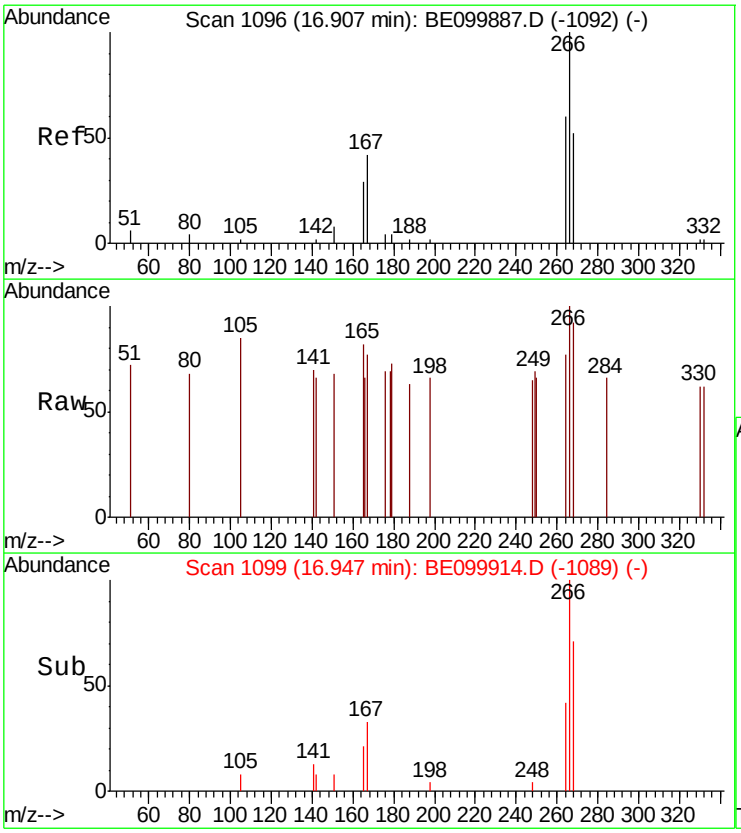
#21
Hexachlorobenzene
Concen: 0.330 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:284 Resp: 1373

Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.2	27.4
249	33.4	24.6	37.0

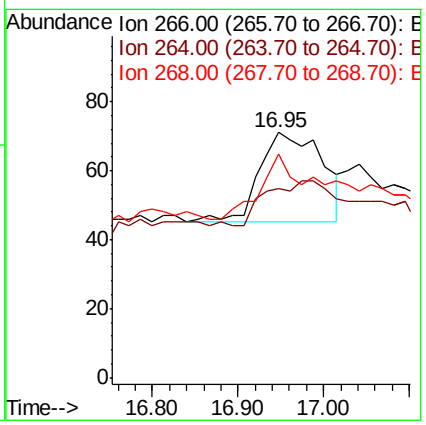


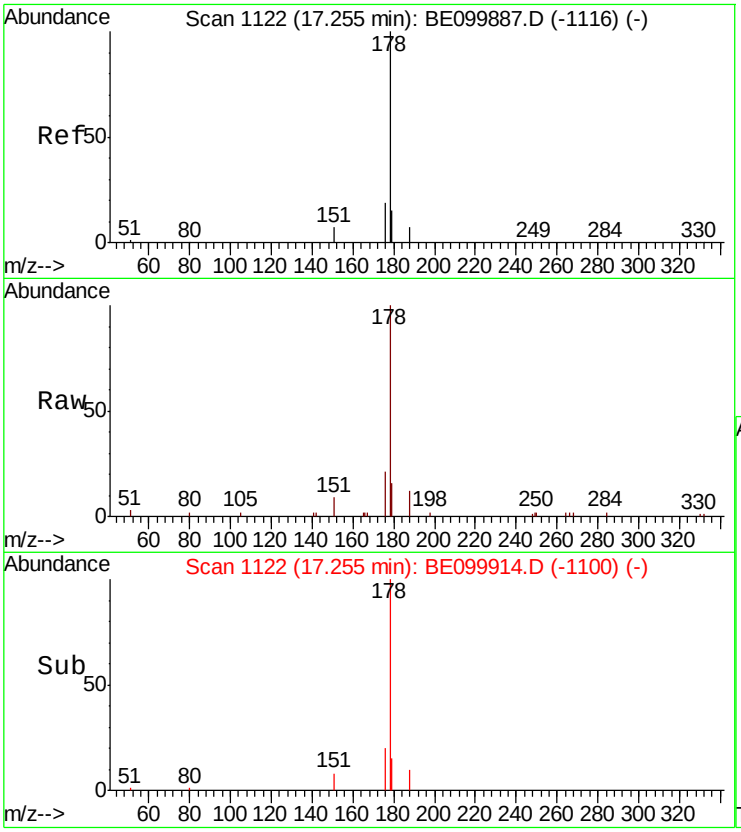


#22
Pentachlorophenol
Concen: 0.367 ng
RT: 16.95 min Scan# 1099
Delta R.T. 0.04 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:266 Resp: 134

Ion	Ratio	Lower	Upper
266	100		
264	77.5	62.2	93.2
268	91.5	65.5	98.3



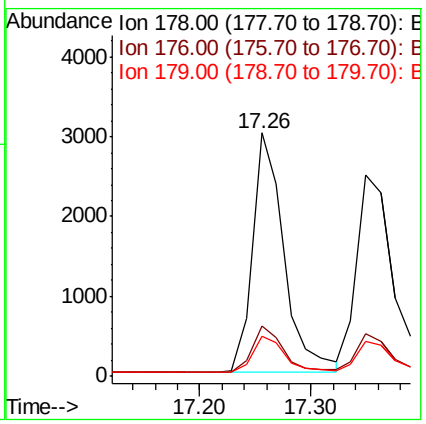


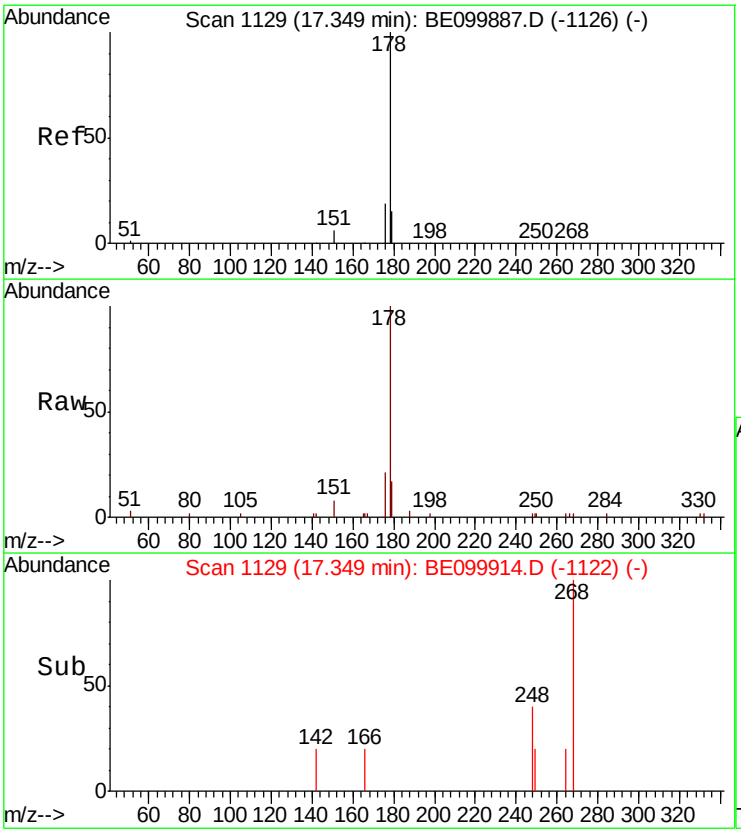
#23
Phenanthrene
Concen: 0.340 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:178 Resp: 5935

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	12.4	18.6

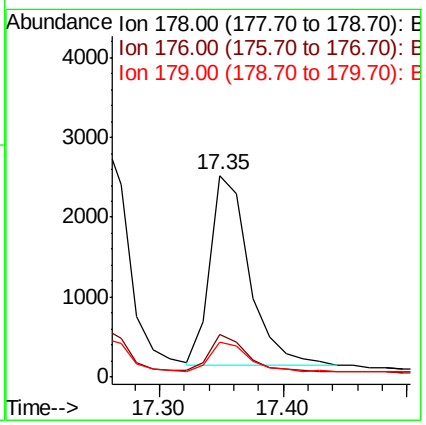


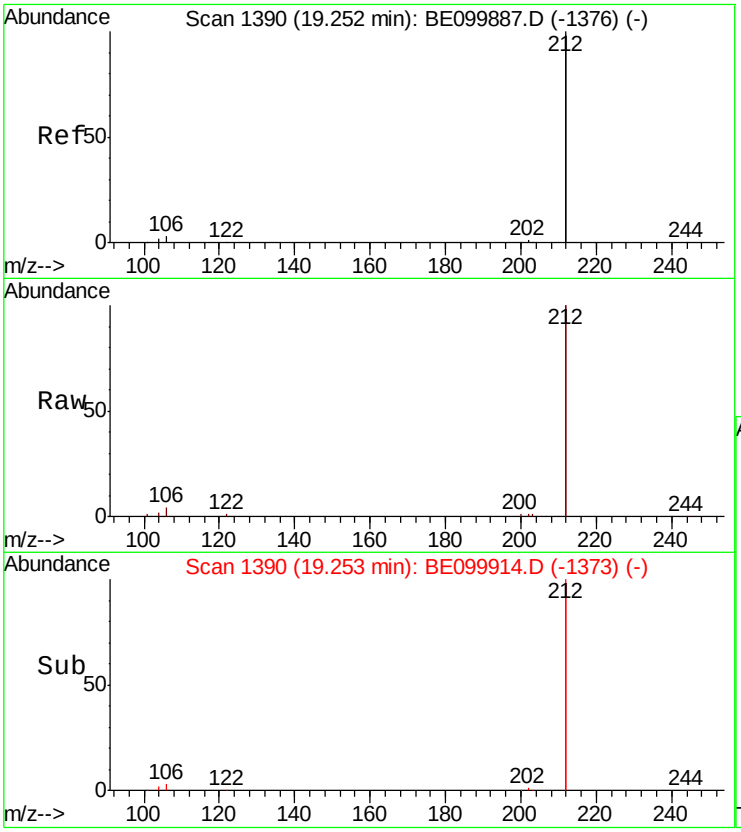


#24
Anthracene
Concen: 0.325 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:178 Resp: 5208

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	22.0
179	15.0	12.3	18.5



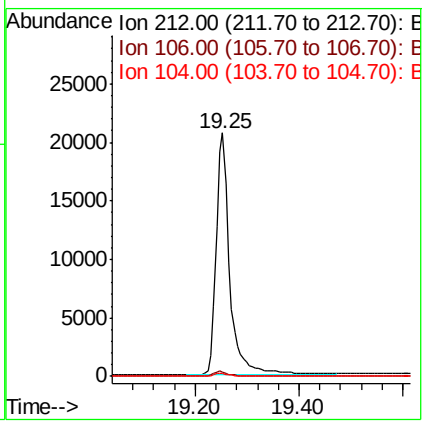


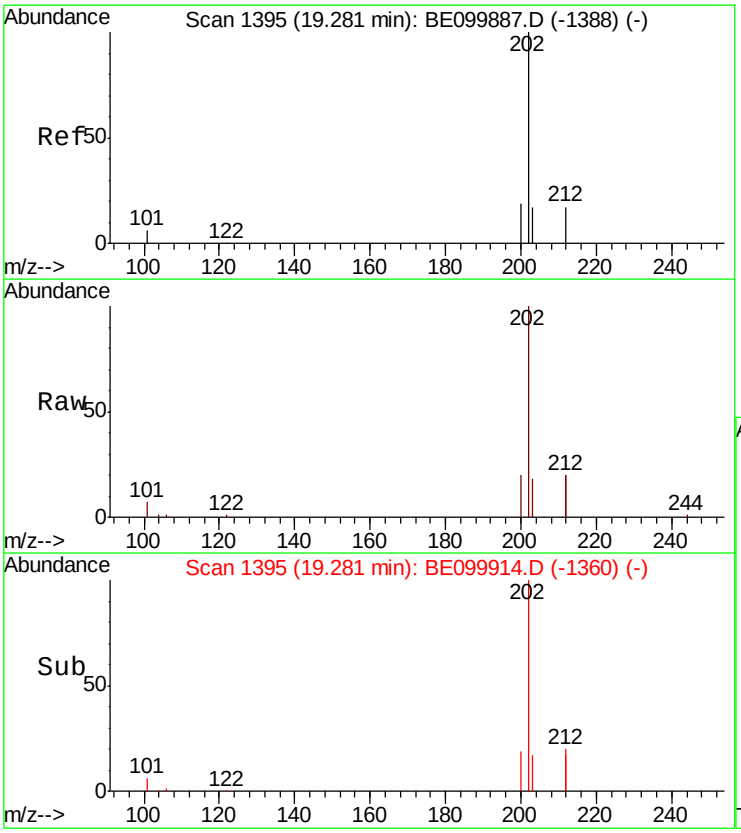
#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:212 Resp: 37127

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

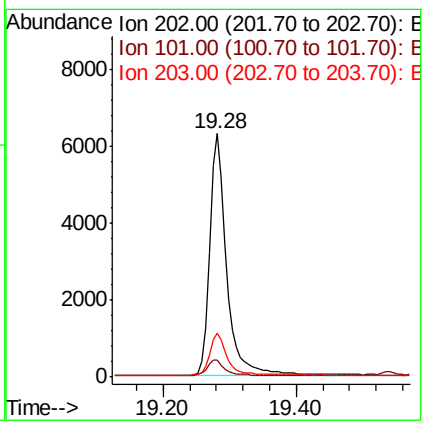


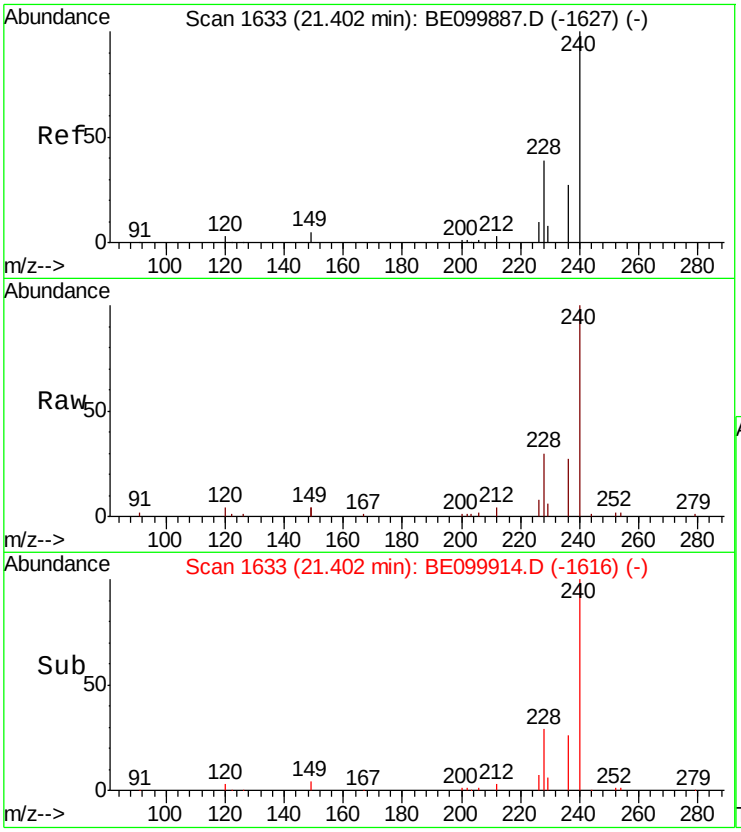


#26
Fluoranthene
Concen: 0.368 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:202 Resp: 10930

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.4	8.0
203	16.9	13.2	19.8



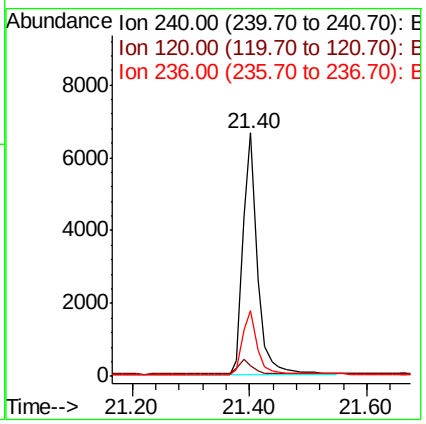


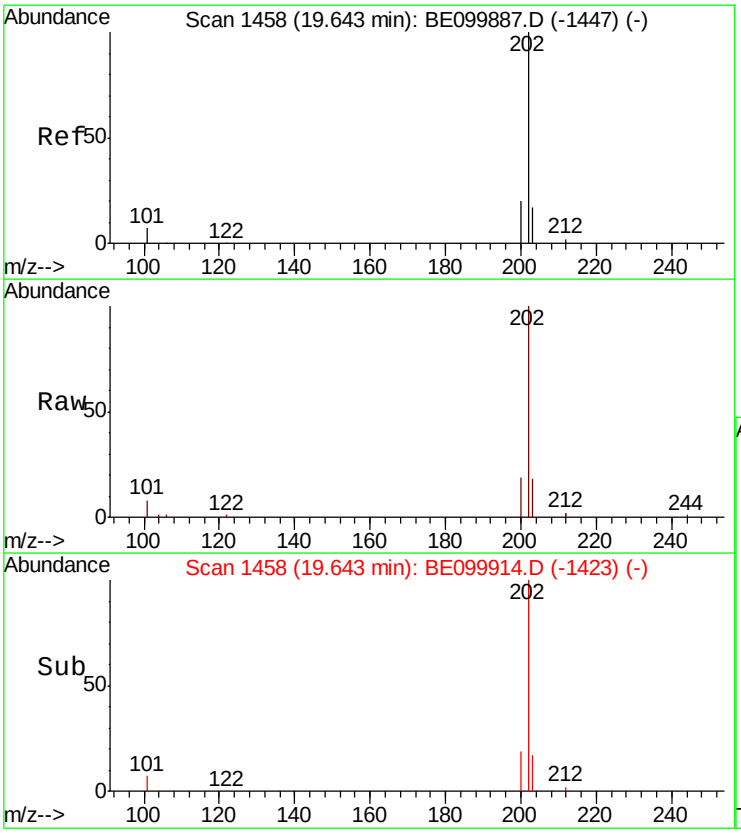
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:240 Resp: 11534

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.8	5.6
236	26.9	22.0	33.0

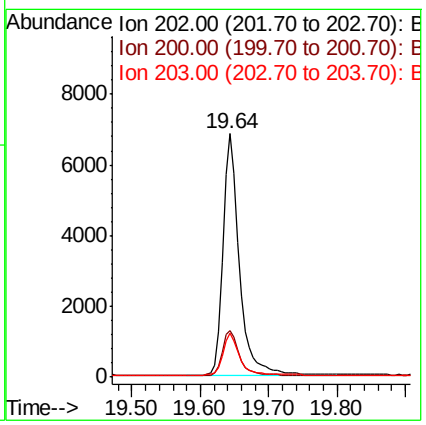


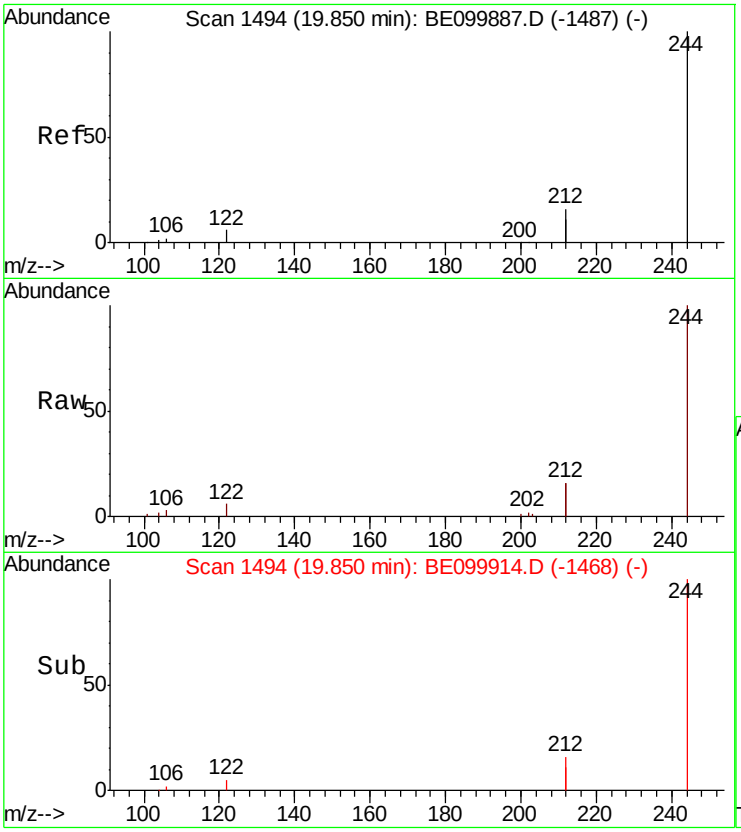


#28
Pyrene
Concen: 0.381 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:202 Resp: 11560

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	17.8	14.0	21.0



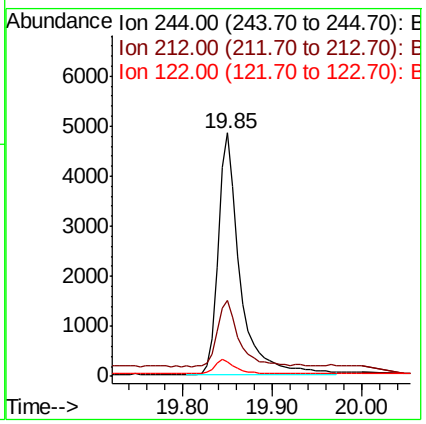


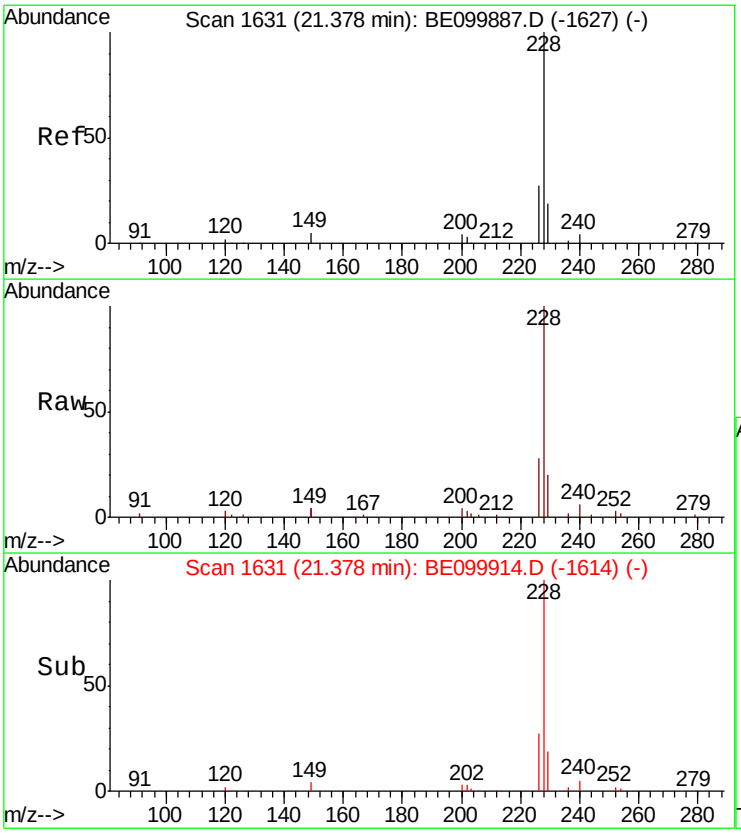
#29
Terphenyl-d14
Concen: 0.385 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:244 Resp: 7999

Ion	Ratio	Lower	Upper
244	100		
212	31.1	25.7	38.5
122	6.0	5.5	8.3

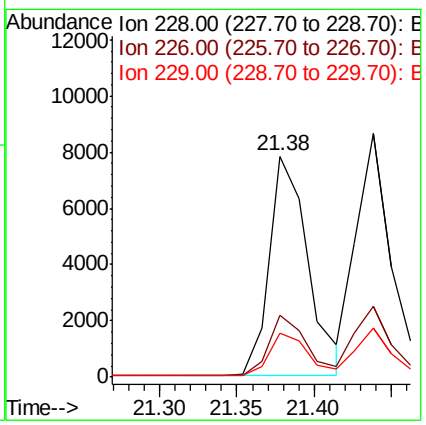


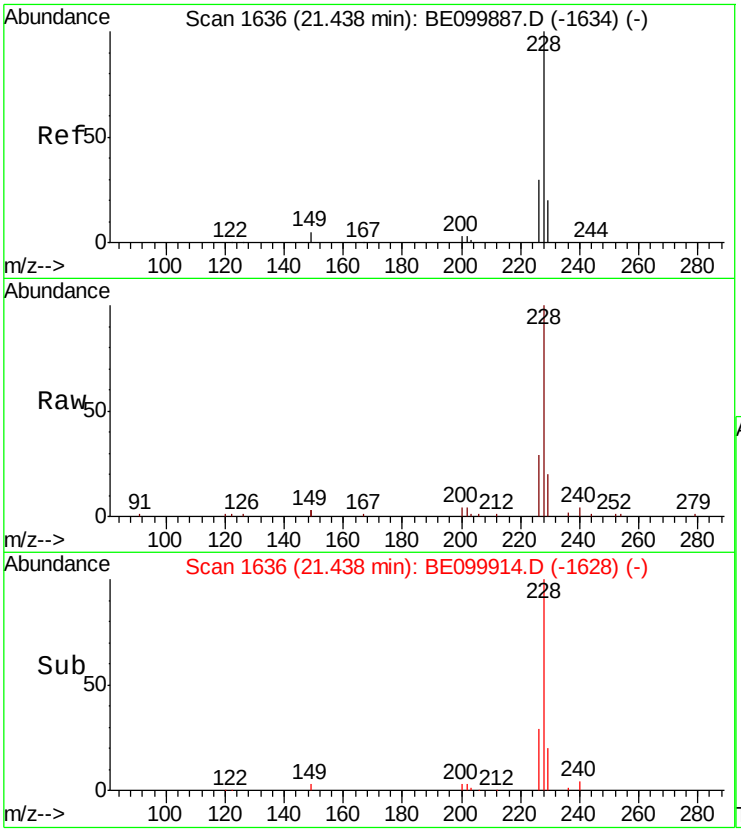


#30
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:228 Resp: 13681

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	19.6	15.9	23.9



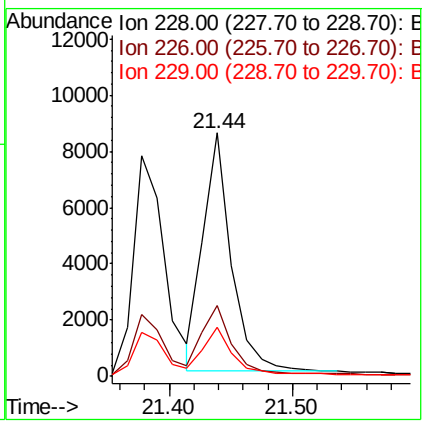


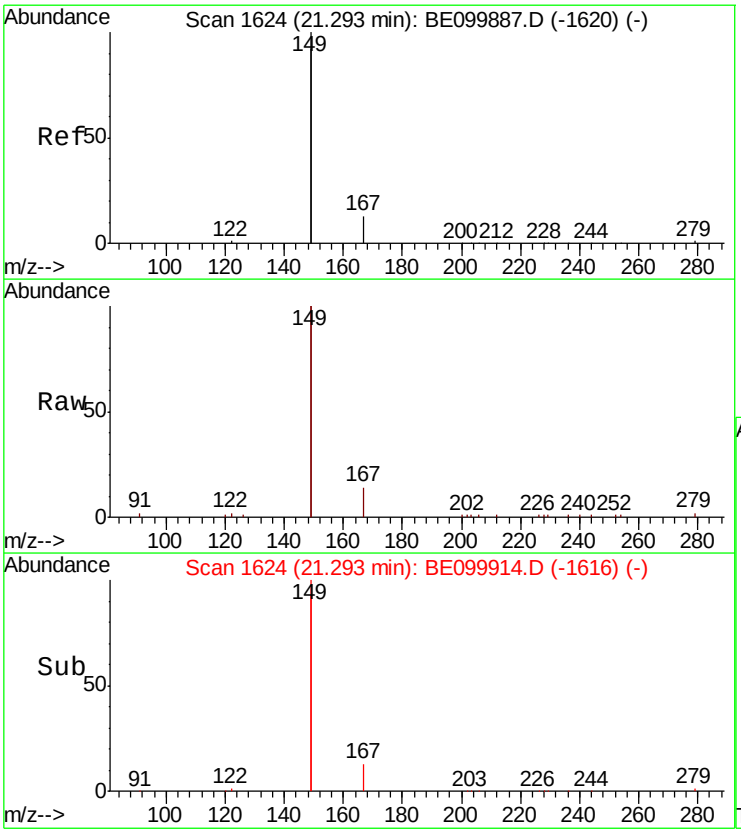
#31
Chrysene
Concen: 0.382 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:228 Resp: 13598

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	20.3	16.1	24.1

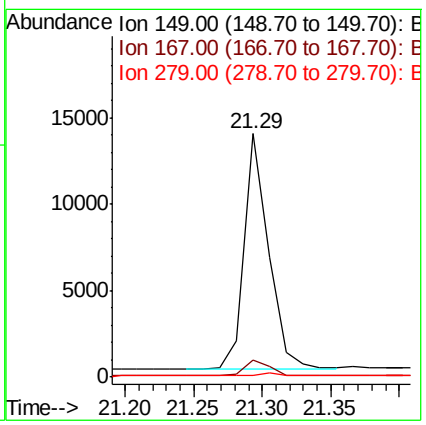


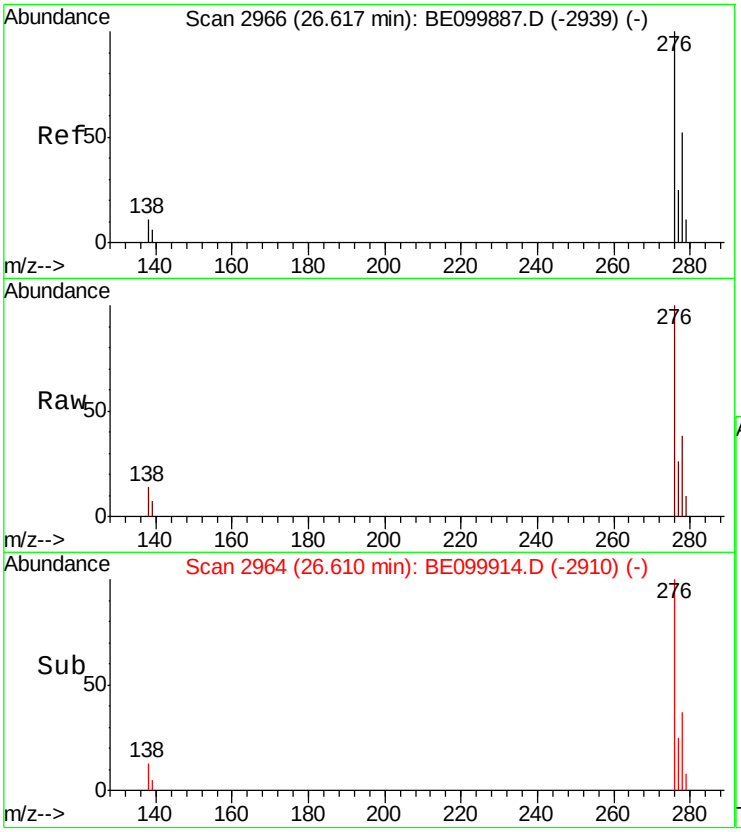


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.342 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:149 Resp: 16941

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.9	8.9
279	1.4	1.2	1.8



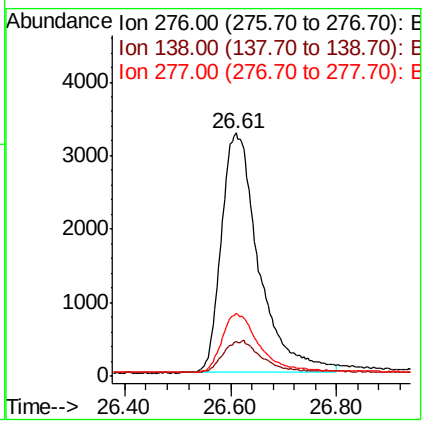


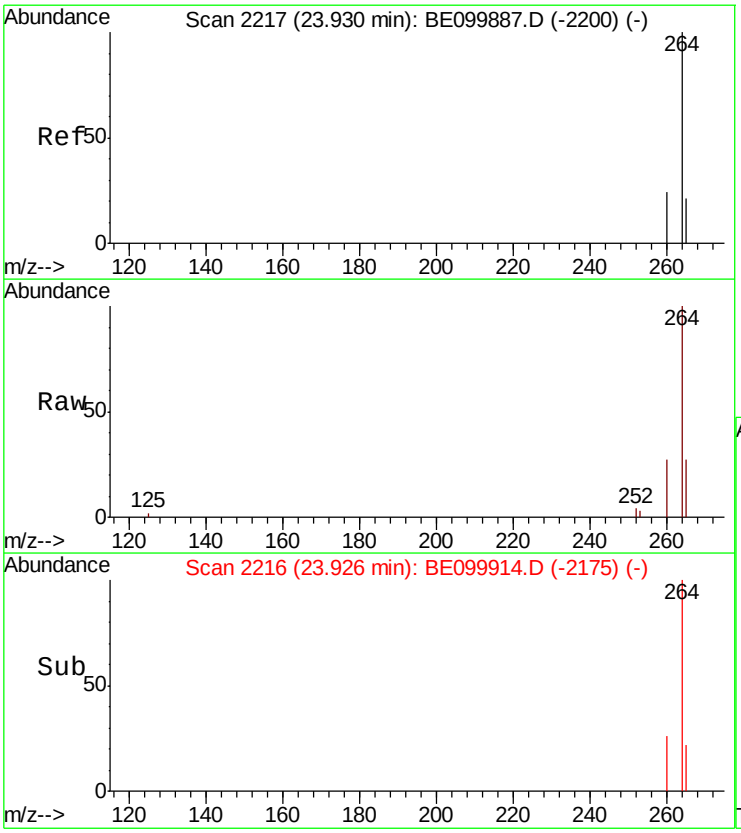
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 26.61 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:276 Resp: 16060

Ion	Ratio	Lower	Upper
276	100		
138	5.9	10.1	15.1#
277	24.2	19.1	28.7

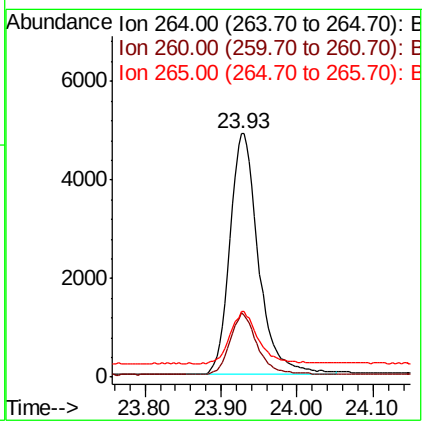


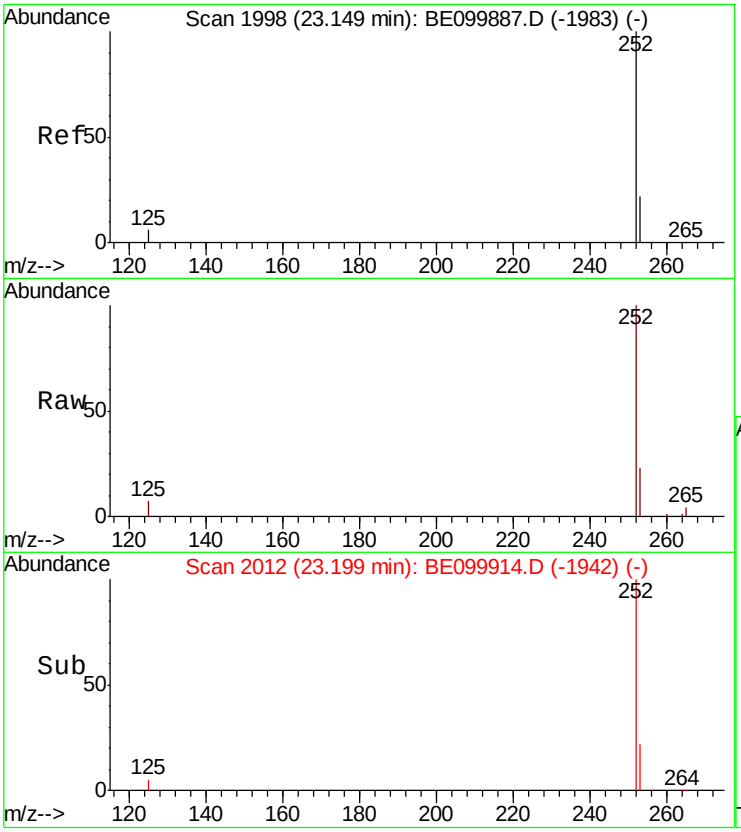


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:264 Resp: 12873

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.2	30.2
265	27.2	22.0	33.0



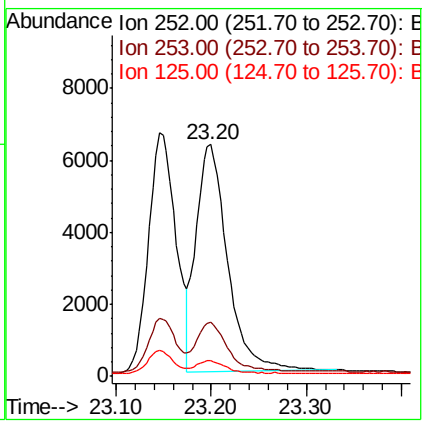


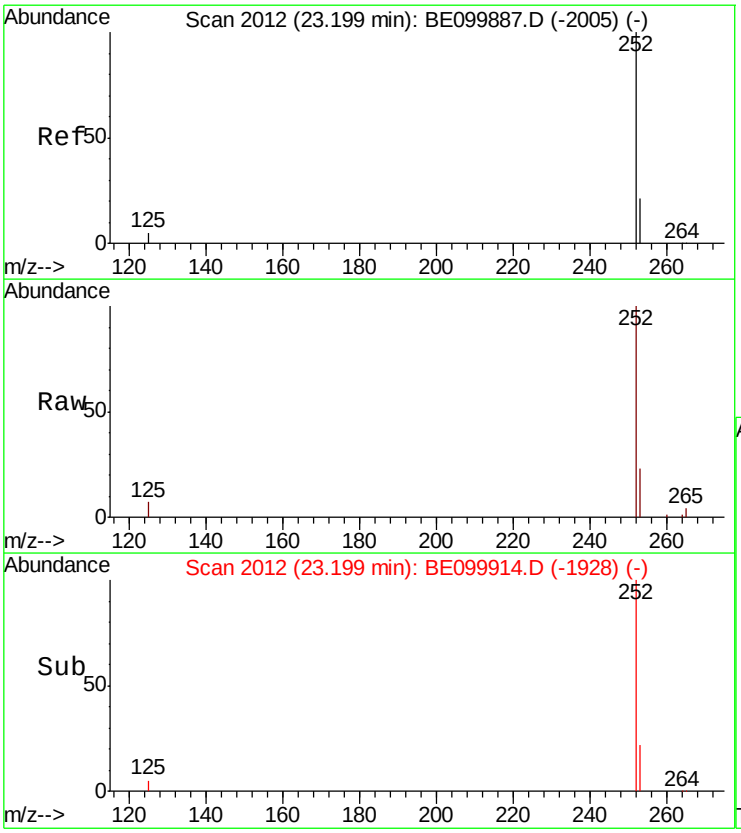
#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 23.20 min Scan# 2012
Delta R.T. 0.05 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:252 Resp: 14592

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	6.7	5.7	8.5

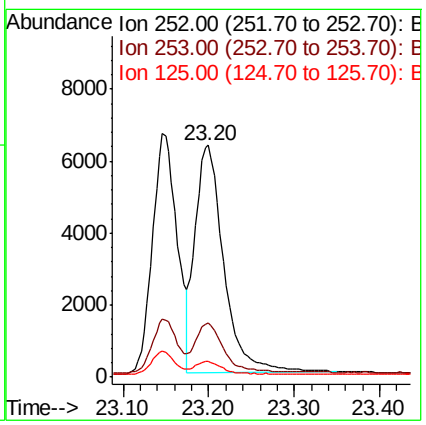


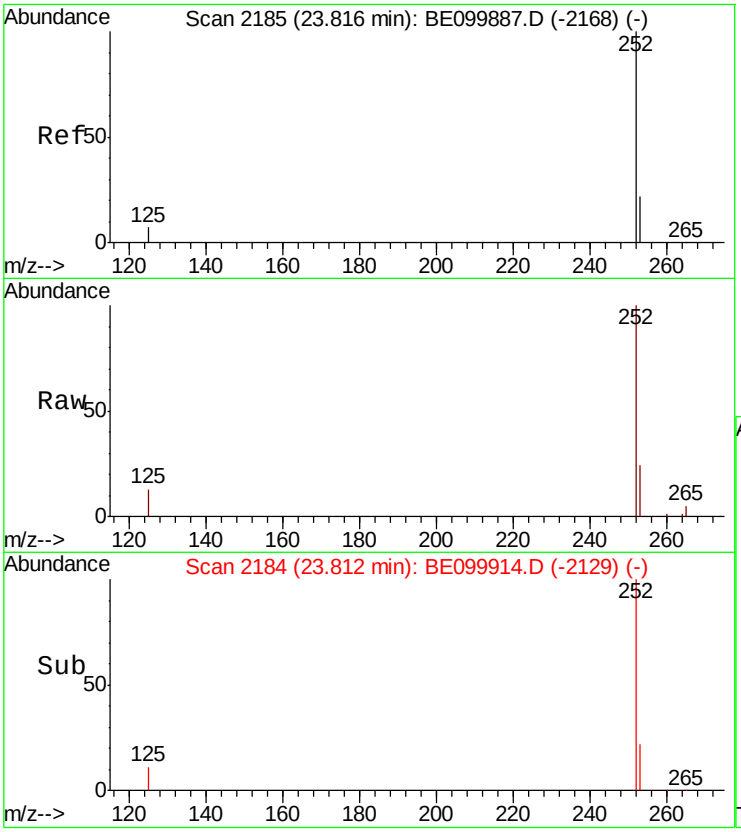


#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:252 Resp: 14785

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	6.7	5.4	8.0



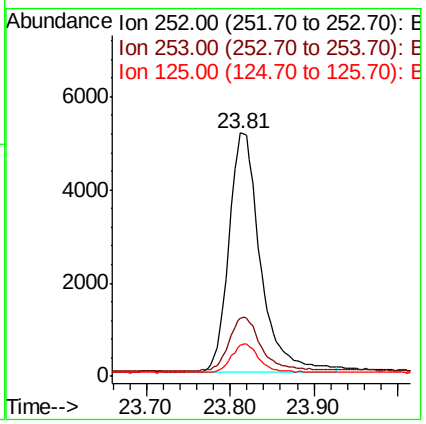


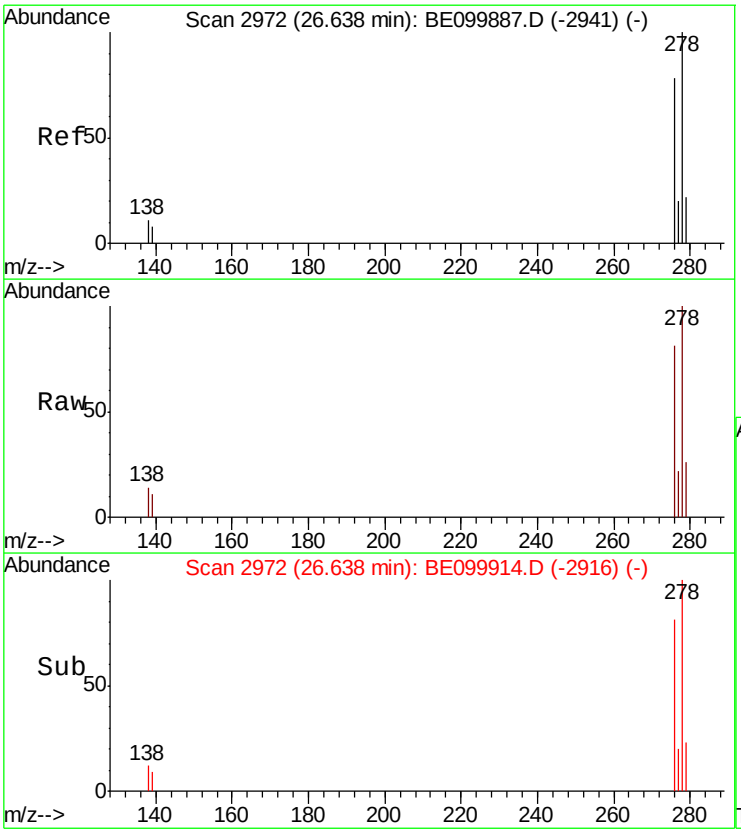
#37
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:252 Resp: 13475

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.6	29.4
125	12.7	6.6	10.0#

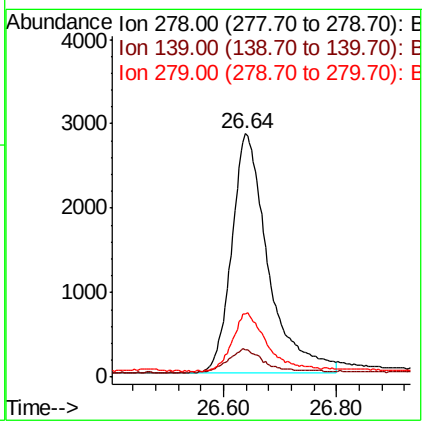


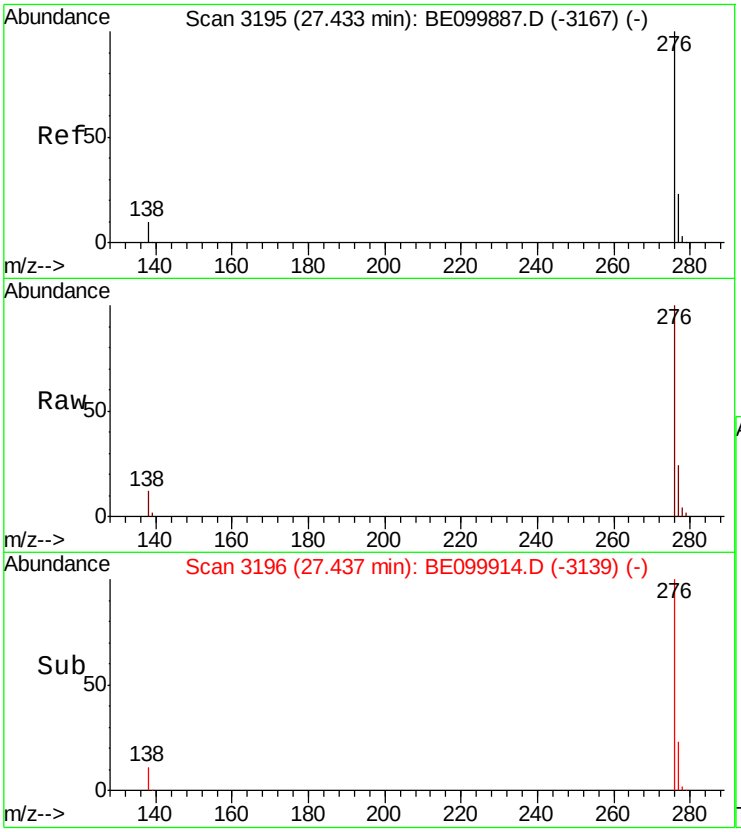


#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.64 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Tgt Ion:278 Resp: 12720

Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.8	11.8
279	25.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.370 ng
RT: 27.44 min Scan# 3196
Delta R.T. 0.00 min
Lab File: BE099914.D
Acq: 11 Jun 2019 9:06

Instrument :
BNA_E
ClientSampleId :
PB120391BS

Tgt Ion:276 Resp: 13698

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	12.3	9.5	14.3