Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
Data File : BE099922.D
Acq On : 11 Jun 2019 13:53
Operator : JU/SJ
Sample : PB120465BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120465BS

Quant Time: Jun 12 03:42:48 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	7.78	152	924	0.40	ng		-0.01
7) Naphthalene-d8	10.59	136	3314	0.40	ng		-0.01
13) Acenaphthene-d10	14.44	164	2464	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	8531	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	12114	0.40	ng		-0.04
34) Perylene-d12	23.87	264	13581	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	815	0.33	ng		0.00
5) Phenol-d6	6.96	99	1079	0.34	ng		0.00
8) Nitrobenzene-d5	8.95	82	1054	0.34	ng		-0.01
11) 2-Methylnaphthalene-d10	12.18	152	2663	0.46	ng		-0.03
14) 2,4,6-Tribromophenol	15.94	330	398	0.22	ng		-0.03
15) 2-Fluorobiphenyl	13.07	172	3030	0.32	ng		-0.03
25) Fluoranthene-d10	19.22	212	42327	0.34	ng		-0.03
29) Terphenyl-d14	19.82	244	8879	0.41	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	464	0.339	ng	#	75
3) n-Nitrosodimethylamine	3.61	42	196	0.249	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	811	0.309	ng	#	90
9) Naphthalene	10.63	128	12558	0.351	ng		99
10) Hexachlorobutadiene	10.90	225	933	0.342	ng		97
12) 2-Methylnaphthalene	12.27	142	2027	0.349	ng		97
16) Acenaphthylene	14.17	152	3983	0.325	ng		99
17) Acenaphthene	14.50	154	2235	0.335	ng		98
18) Fluorene	15.49	166	3448	0.344	ng		100
20) 4-Bromophenyl-phenylether	16.38	248	1612	0.334	ng		99
21) Hexachlorobenzene	16.49	284	1619	0.328	ng		99
22) Pentachlorophenol	16.87	266	210	0.388	ng		97
23) Phenanthrene	17.23	178	6978	0.337	ng		99
24) Anthracene	17.32	178	6408	0.338	ng		99
26) Fluoranthene	19.25	202	12557	0.357	ng		99
28) Pyrene	19.61	202	13180	0.414	ng		99
30) Benzo(a)anthracene	21.35	228	14192	0.392	ng		97
31) Chrysene	21.40	228	14531	0.388	ng		100
32) Bis(2-ethylhexyl)phthalate	21.26	149	20092	0.387	ng		100
33) Indeno(1,2,3-cd)pyrene	26.52	276	17013	0.383	ng	#	93
35) Benzo(b)fluoranthene	23.15	252	15009	0.394	ng		99
36) Benzo(k)fluoranthene	23.15	252	15009	0.377	ng		100
37) Benzo(a)pyrene	23.76	252	14144	0.377	ng	#	91
38) Dibenzo(a,h)anthracene	26.56	278	13669	0.362	ng		98
39) Benzo(g,h,i)perylene	27.34	276	14615	0.375	ng		99

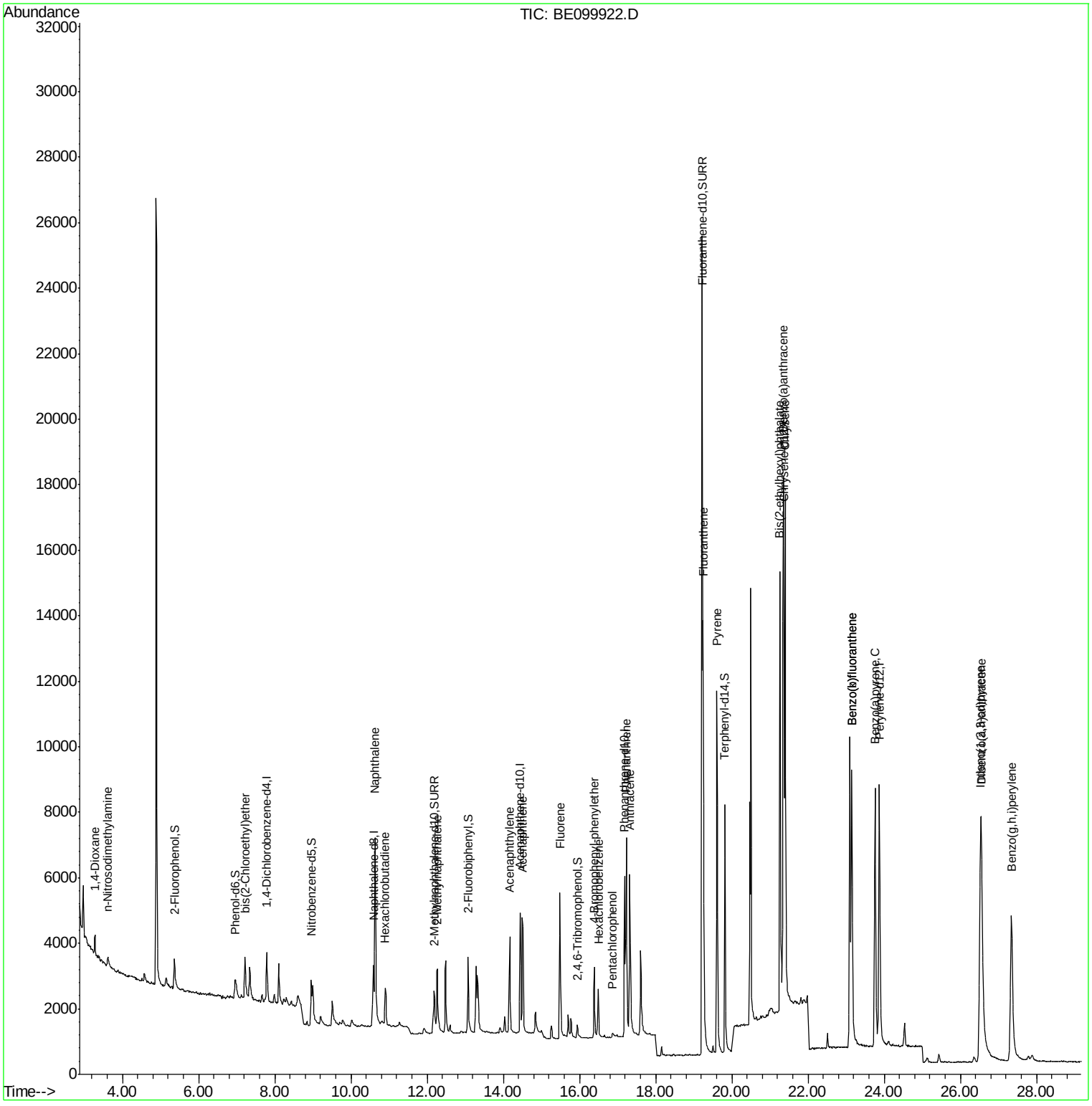
(#) = qualifier out of range (m) = manual integration (+) = signals summed

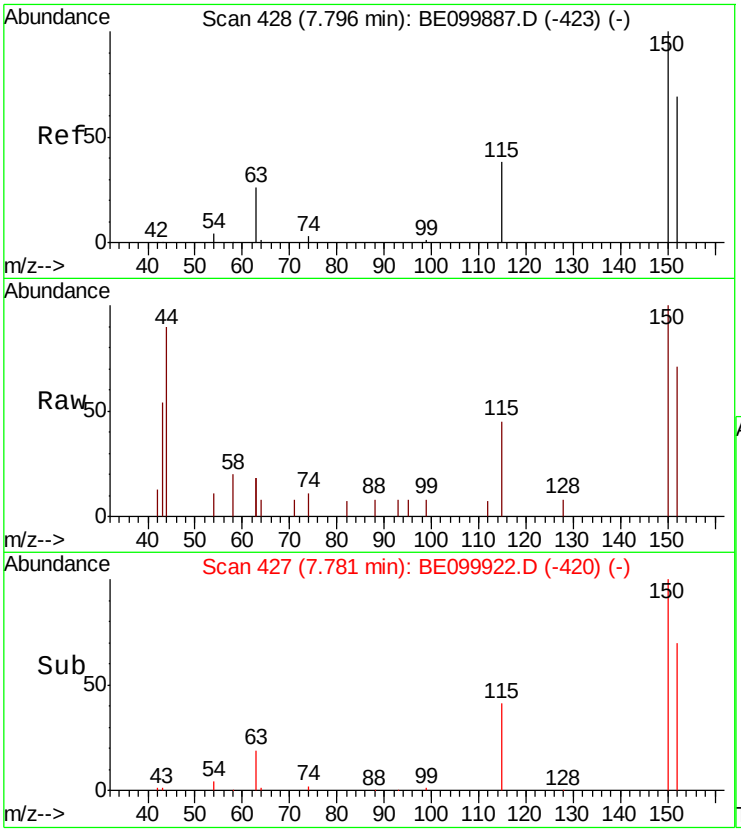
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
Data File : BE099922.D
Acq On : 11 Jun 2019 13:53
Operator : JU/SJ
Sample : PB120465BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Quant Time: Jun 12 03:42:48 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



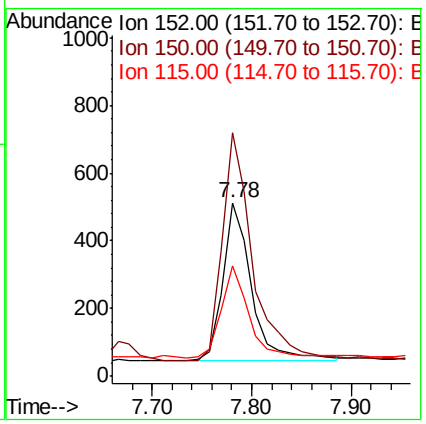


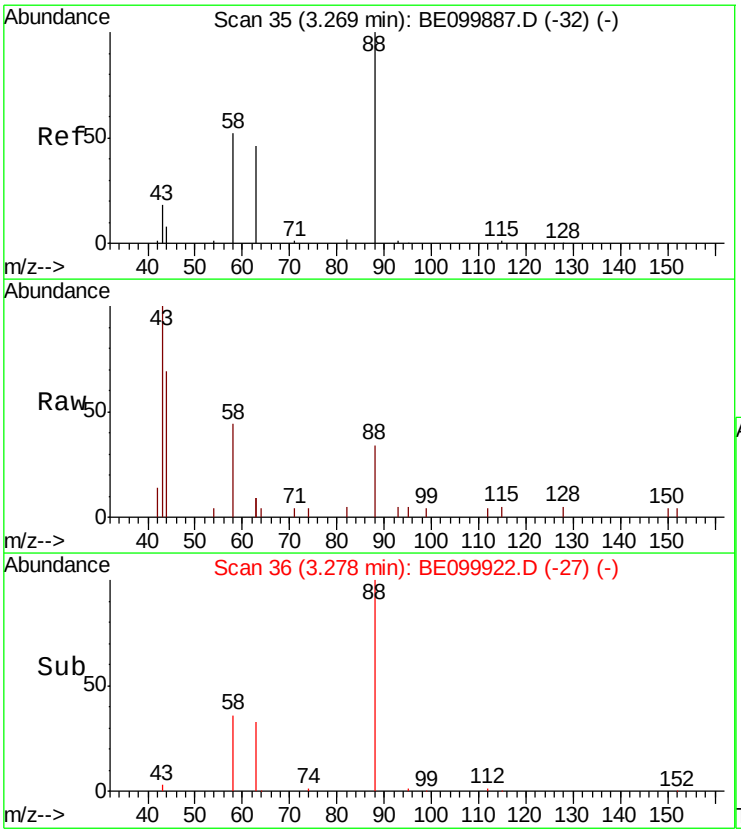
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:152 Resp: 924

Ion	Ratio	Lower	Upper
152	100		
150	140.4	111.0	166.6
115	63.7	50.7	76.1

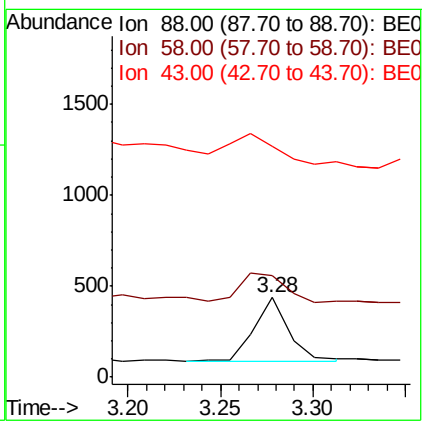


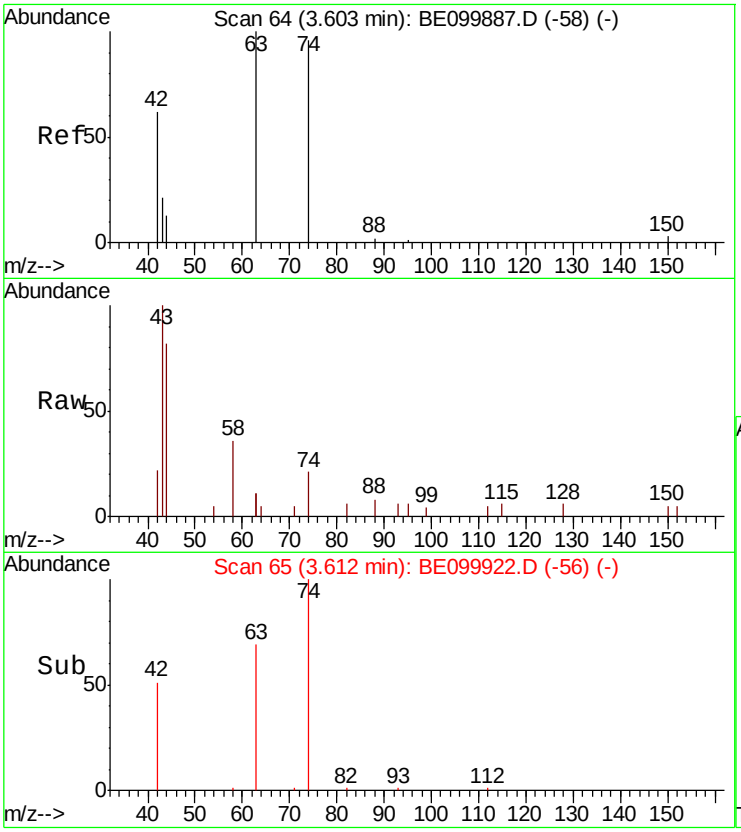


#2
1,4-Dioxane
Concen: 0.339 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion: 88 Resp: 464

Ion	Ratio	Lower	Upper
88	100		
58	57.1	48.8	73.2
43	60.6	19.0	28.6#



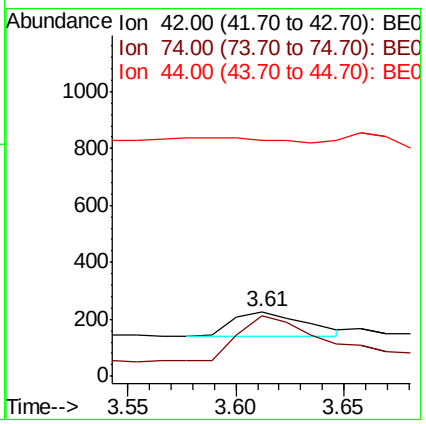


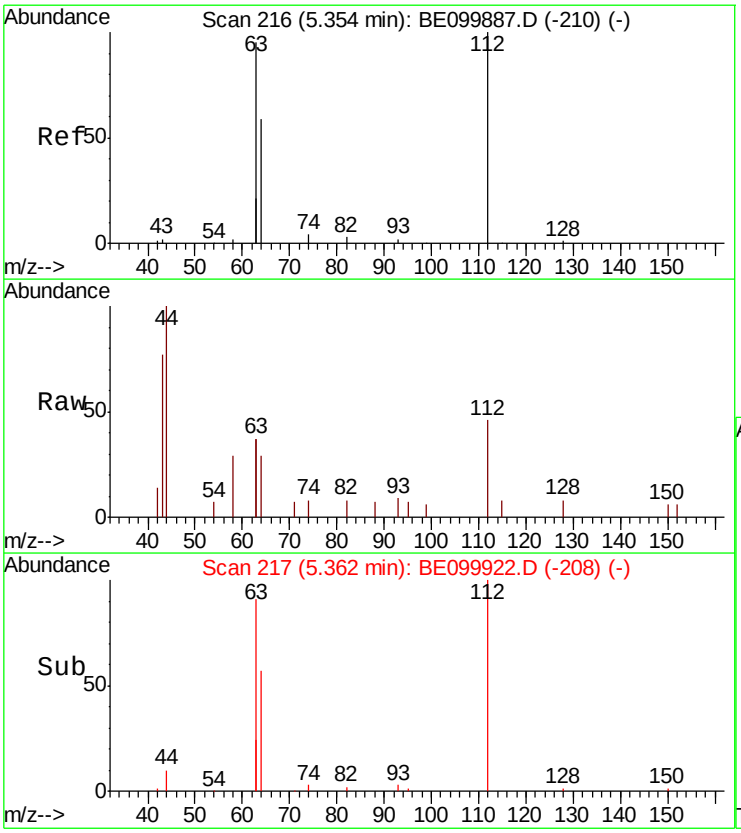
#3
n-Nitrosodimethylamine
Concen: 0.249 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.01 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion: 42 Resp: 196

Ion	Ratio	Lower	Upper
42	100		
74	199.0	0.0	0.0#
44	0.0	0.0	0.0

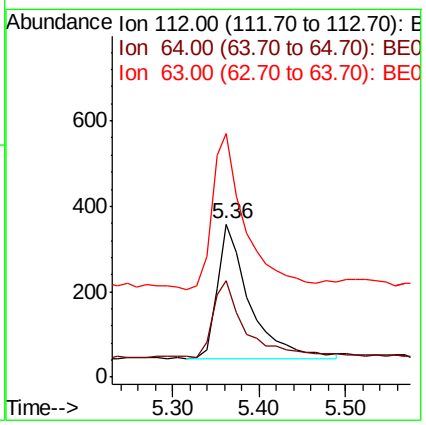


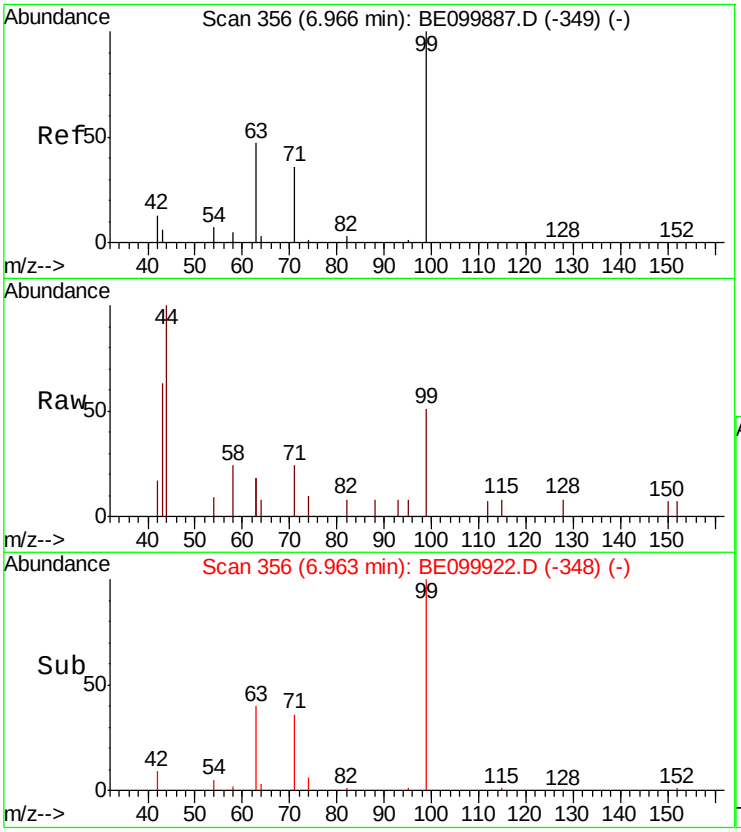


#4
2-Fluorophenol
Concen: 0.327 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:112 Resp: 815

Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.1	66.1
63	118.0	87.8	131.6



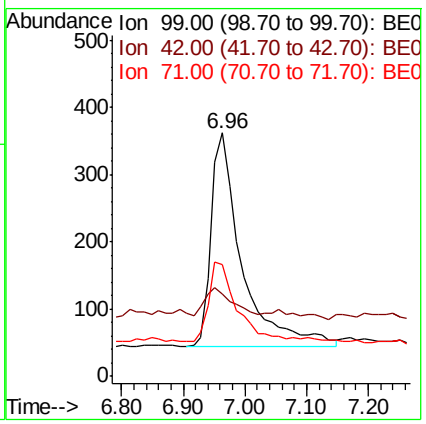


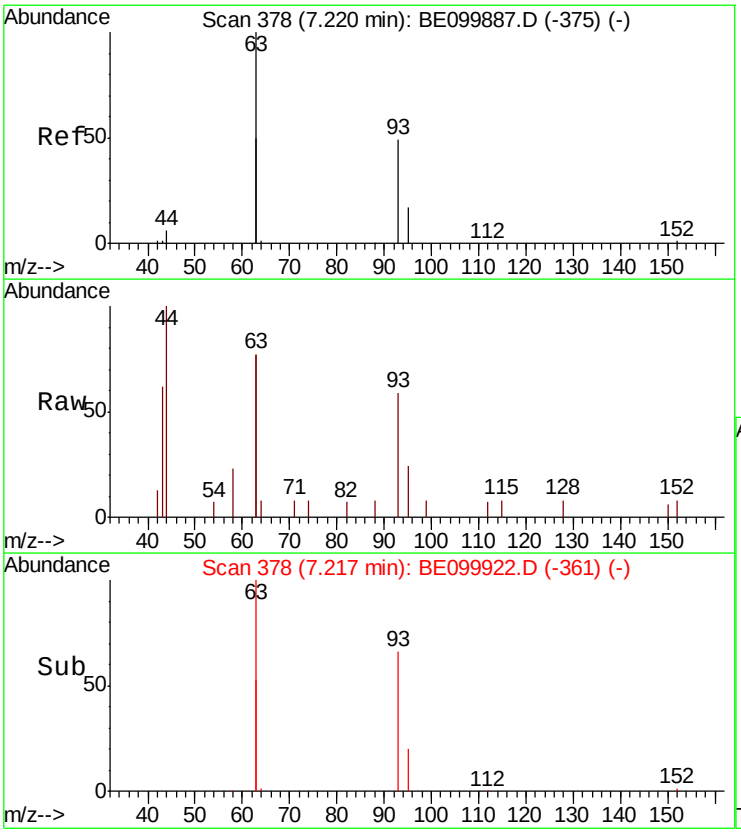
#5
Phenol-d6
Concen: 0.336 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion: 99 Resp: 1079

Ion	Ratio	Lower	Upper
99	100		
42	11.5	15.9	23.9#
71	34.5	34.6	52.0#

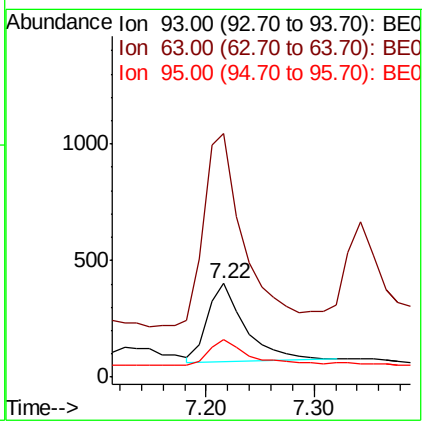


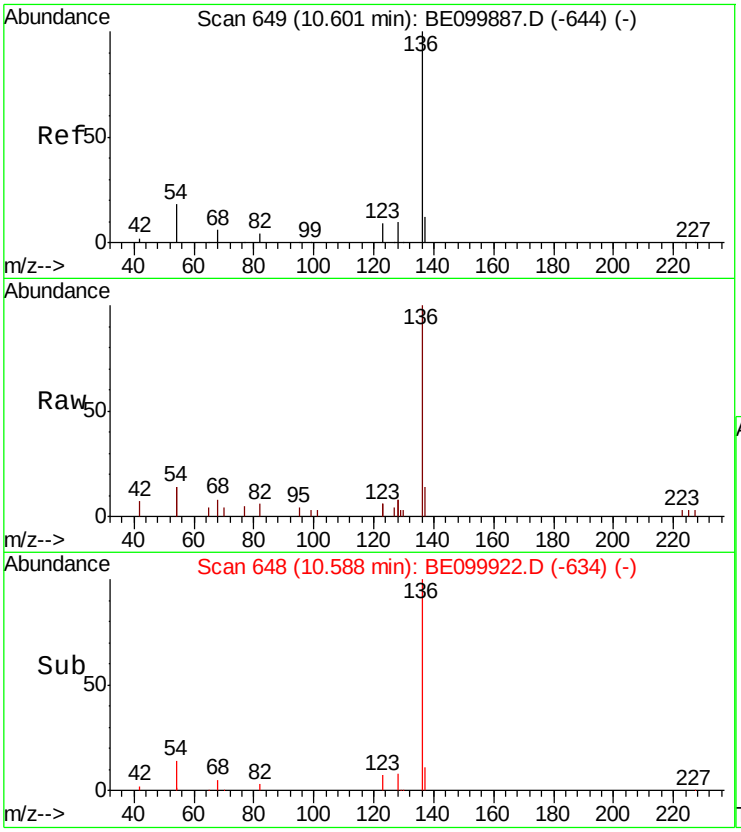


#6
bis(2-Chloroethyl)ether
Concen: 0.309 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion: 93 Resp: 811

Ion	Ratio	Lower	Upper
93	100		
63	269.4	202.8	304.2
95	39.2	23.7	35.5#



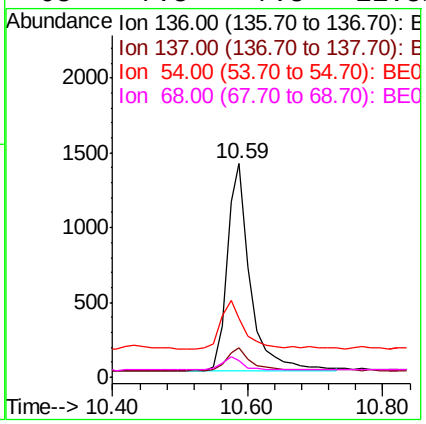


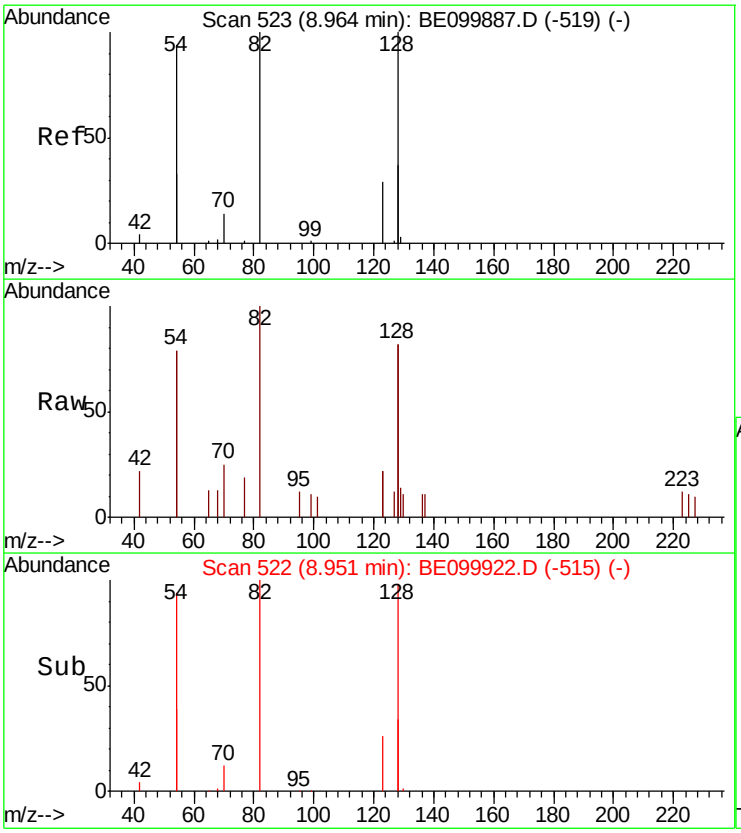
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:136 Resp: 3314

Ion	Ratio	Lower	Upper
136	100		
137	13.8	12.3	18.5
54	27.9	28.2	42.4#
68	7.8	7.8	11.8#

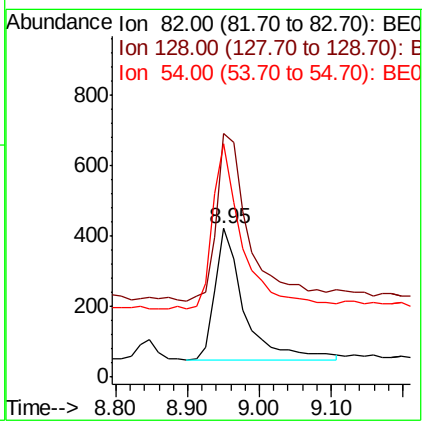


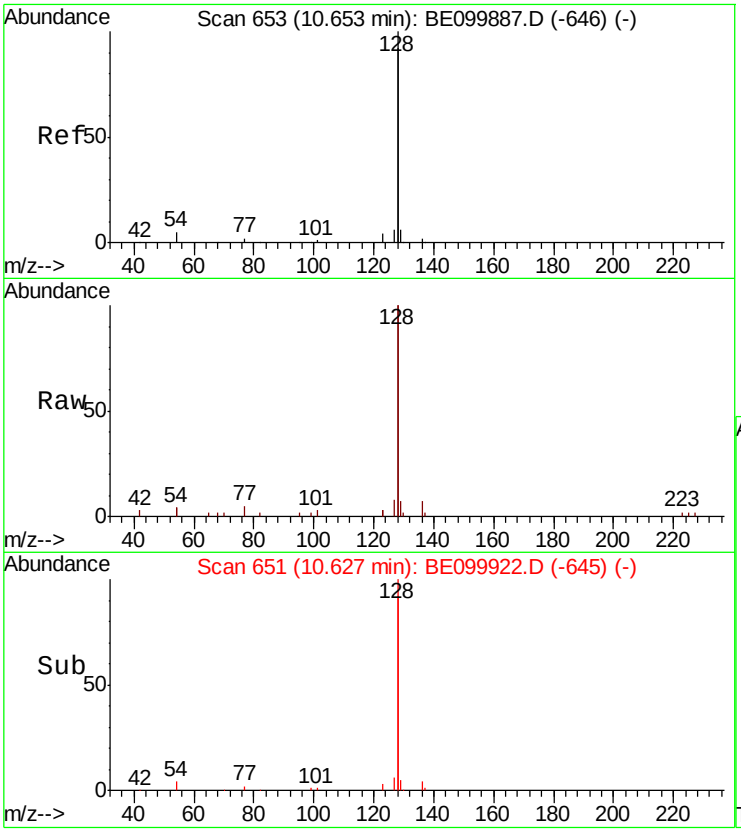


#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion: 82 Resp: 1054

Ion	Ratio	Lower	Upper
82	100		
128	163.9	137.3	205.9
54	157.2	129.7	194.5



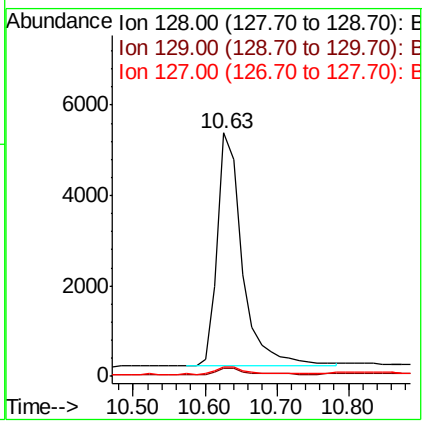


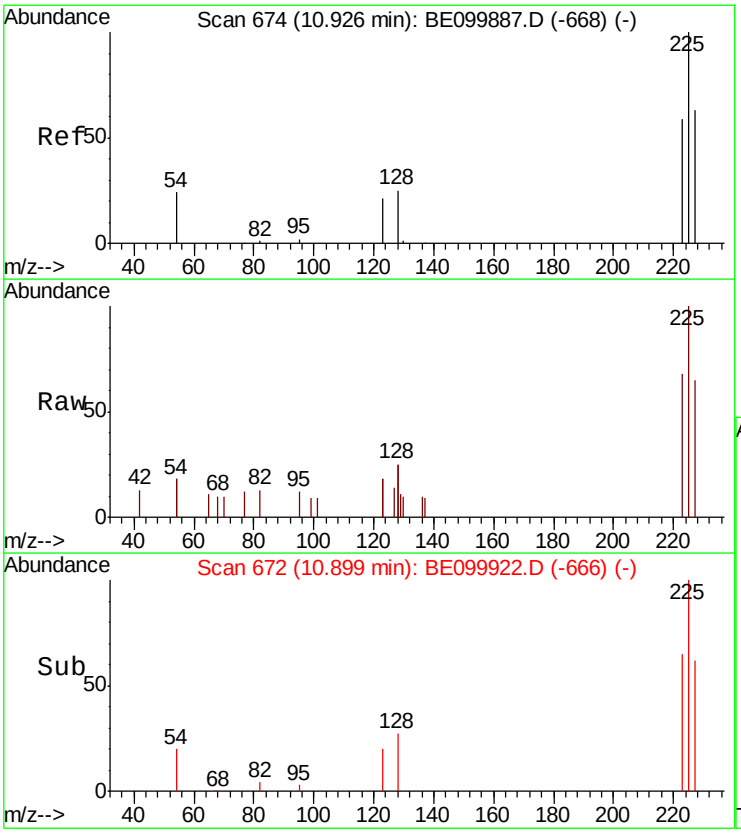
#9
Naphthalene
Concen: 0.351 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:128 Resp: 12558

Ion	Ratio	Lower	Upper
128	100		
129	3.3	3.0	4.6
127	4.0	3.4	5.0

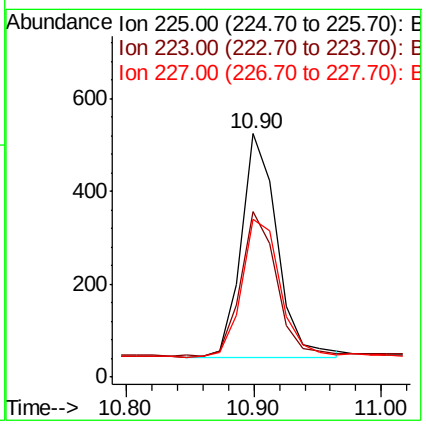


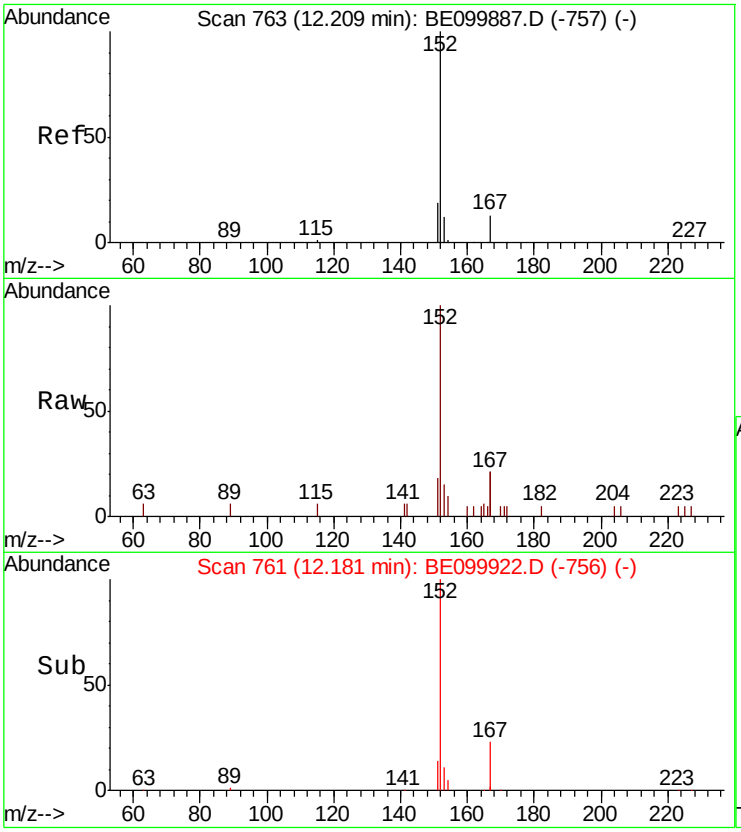


#10
Hexachlorobutadiene
Concen: 0.342 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:225 Resp: 933

Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.6	77.4
227	66.8	50.6	76.0



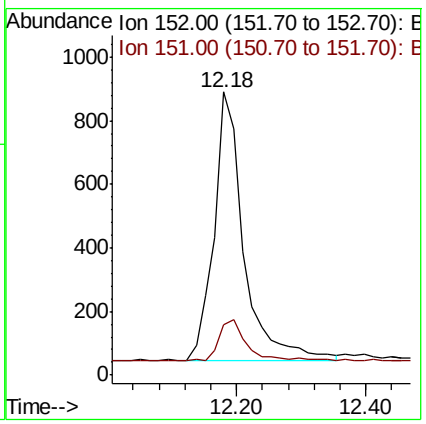


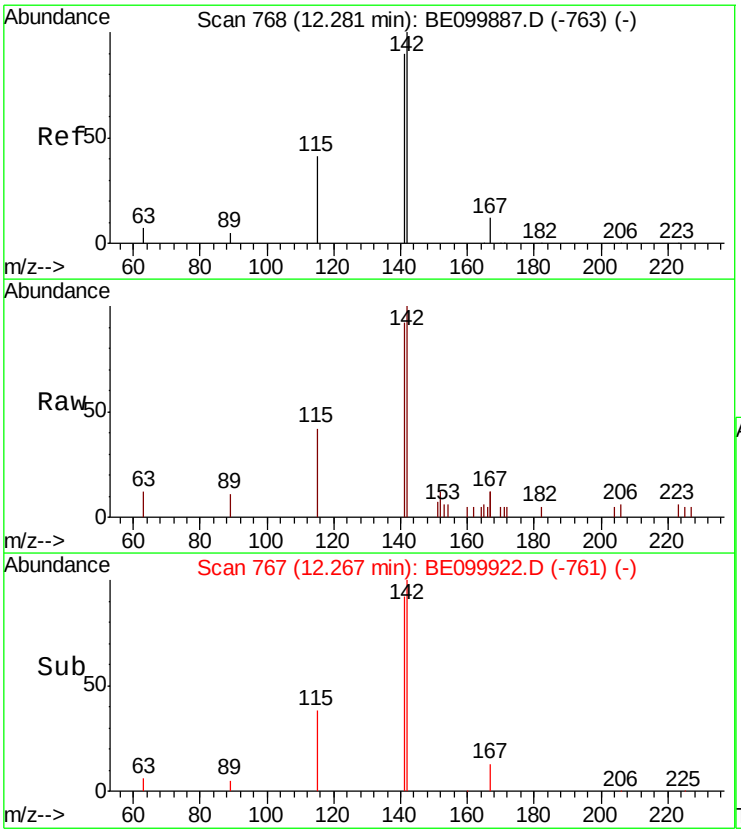
#11
2-Methylnaphthalene-d10
Concen: 0.461 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:152 Resp: 2663

Ion	Ratio	Lower	Upper
152	100		
151	14.4	15.2	22.8#

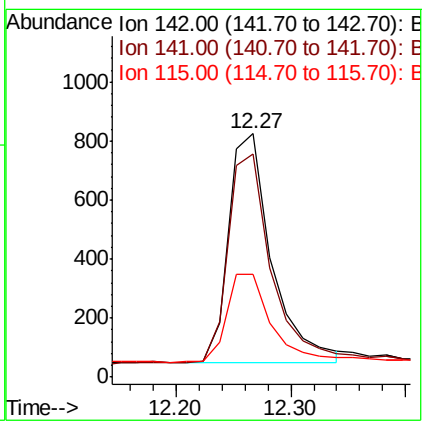


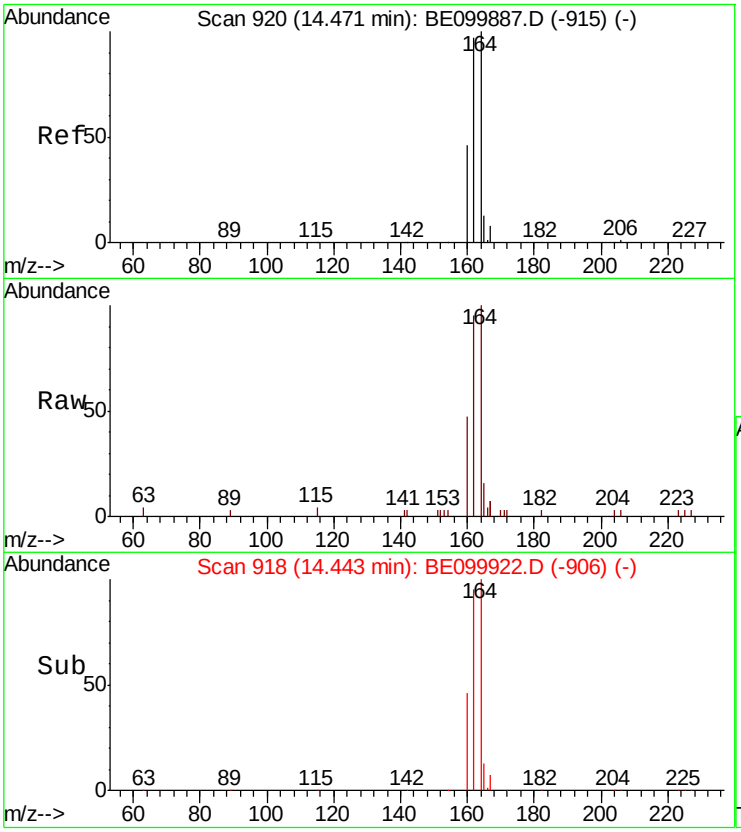


#12
2-Methylnaphthalene
Concen: 0.349 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:142 Resp: 2027

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.3	108.5
115	42.1	36.4	54.6



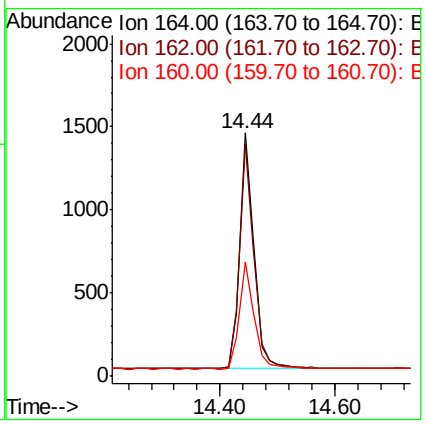


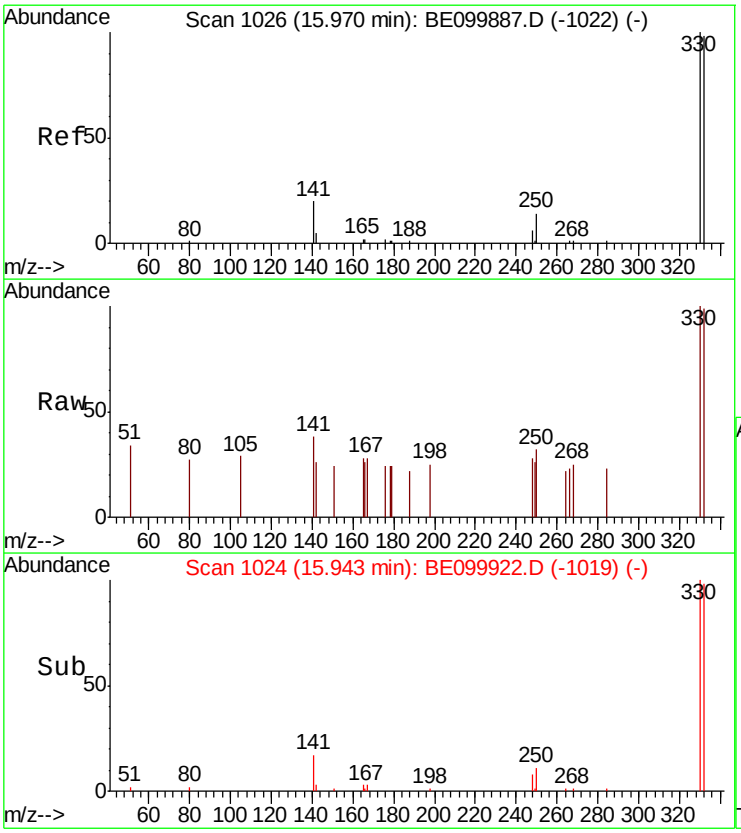
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:164 Resp: 2464

Ion	Ratio	Lower	Upper
164	100		
162	95.2	77.8	116.8
160	47.1	38.2	57.4

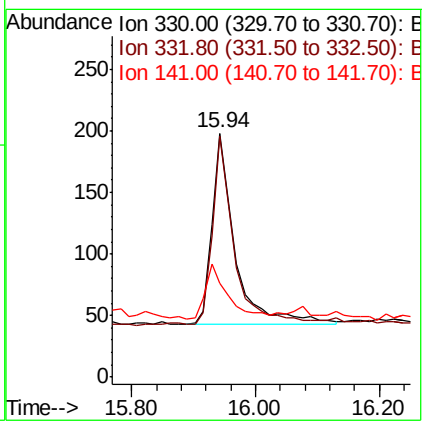


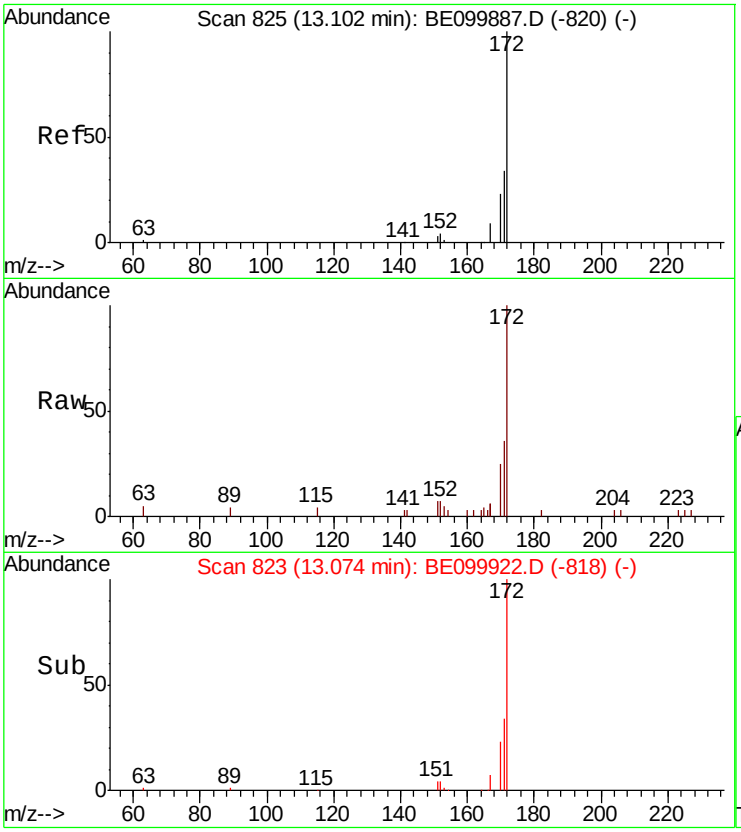


#14
2,4,6-Tribromophenol
Concen: 0.219 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:330 Resp: 398

Ion	Ratio	Lower	Upper
330	100		
332	91.5	76.7	115.1
141	28.4	21.0	31.6



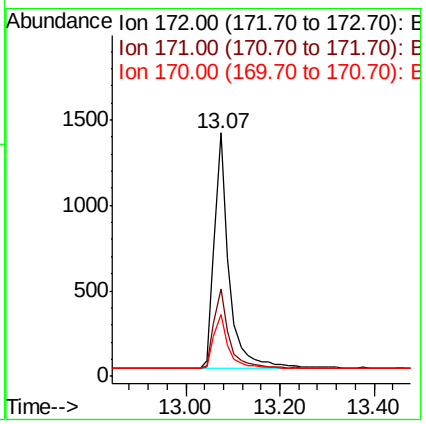


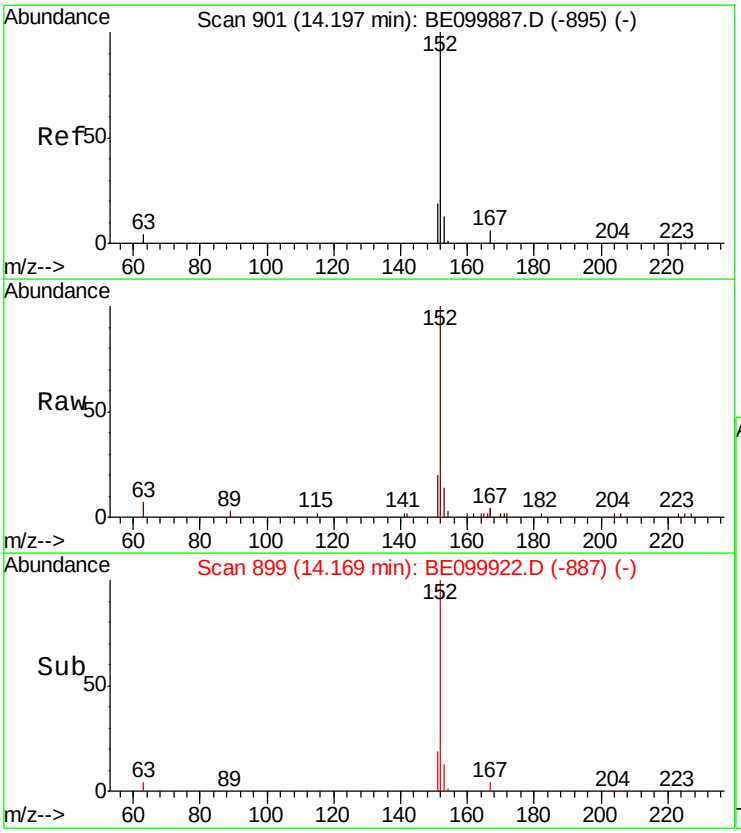
#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:172 Resp: 3030

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	25.4	21.2	31.8

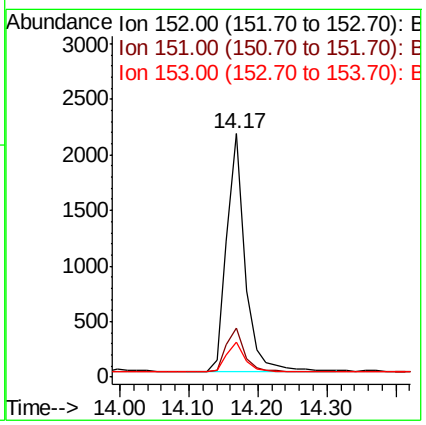


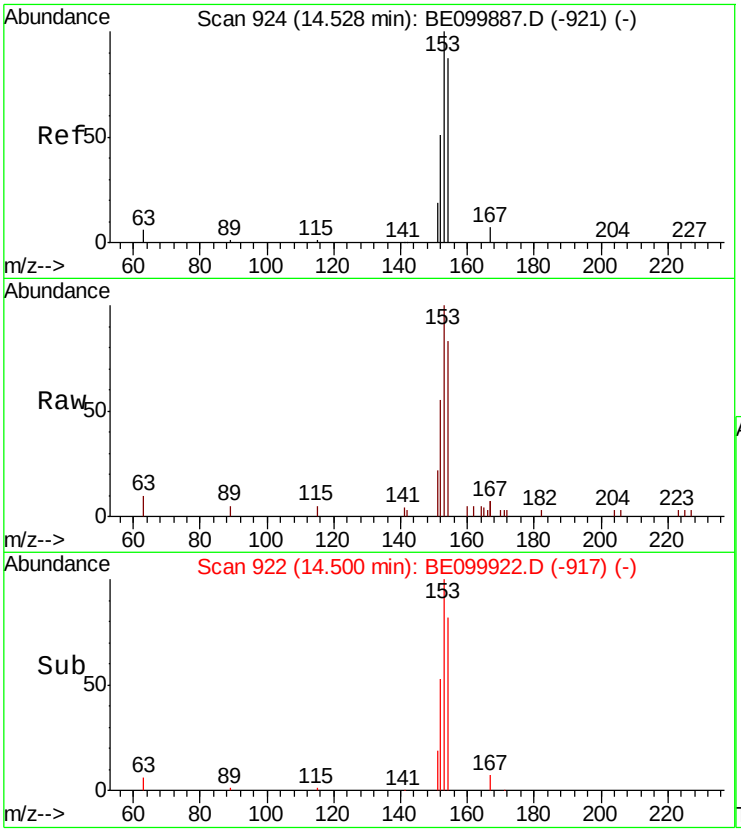


#16
Acenaphthylene
Concen: 0.325 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:152 Resp: 3983

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	13.1	10.2	15.2



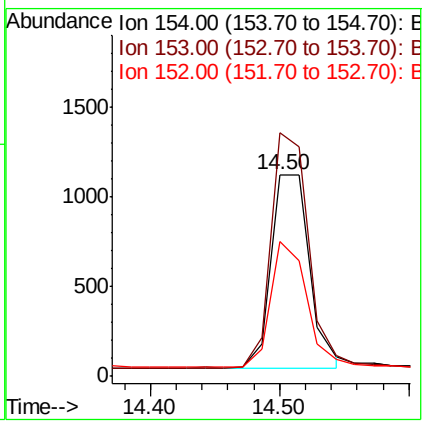


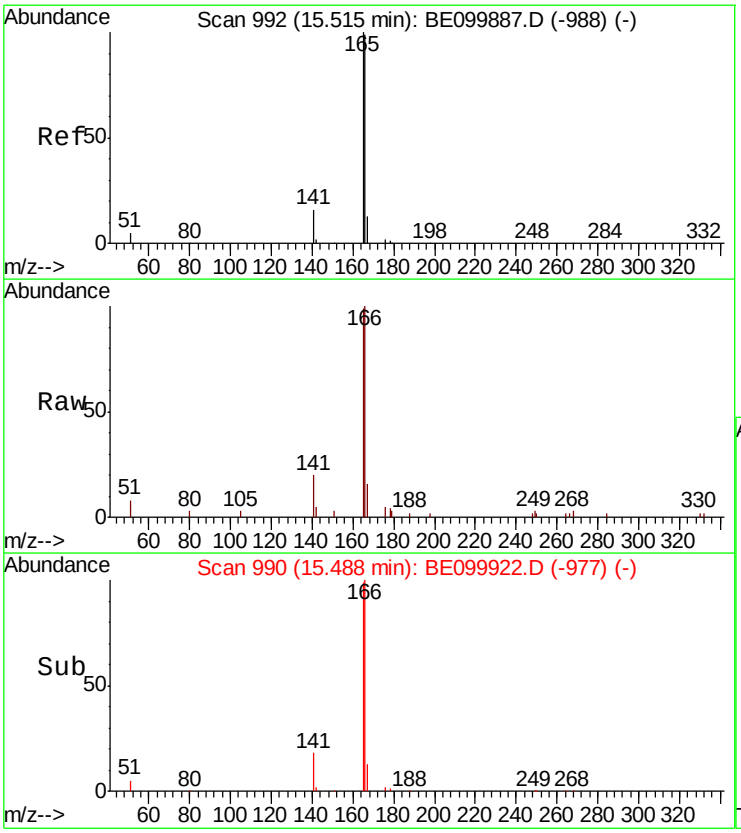
#17
Acenaphthene
Concen: 0.335 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:154 Resp: 2235

Ion	Ratio	Lower	Upper
154	100		
153	118.0	93.1	139.7
152	61.0	47.0	70.4

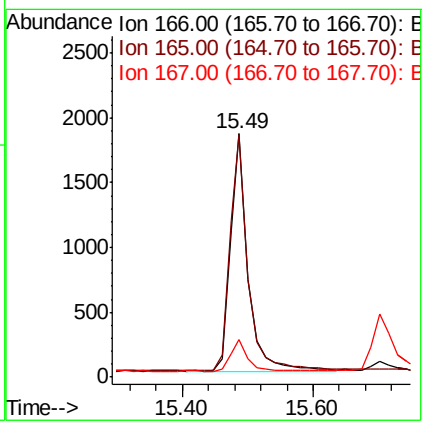


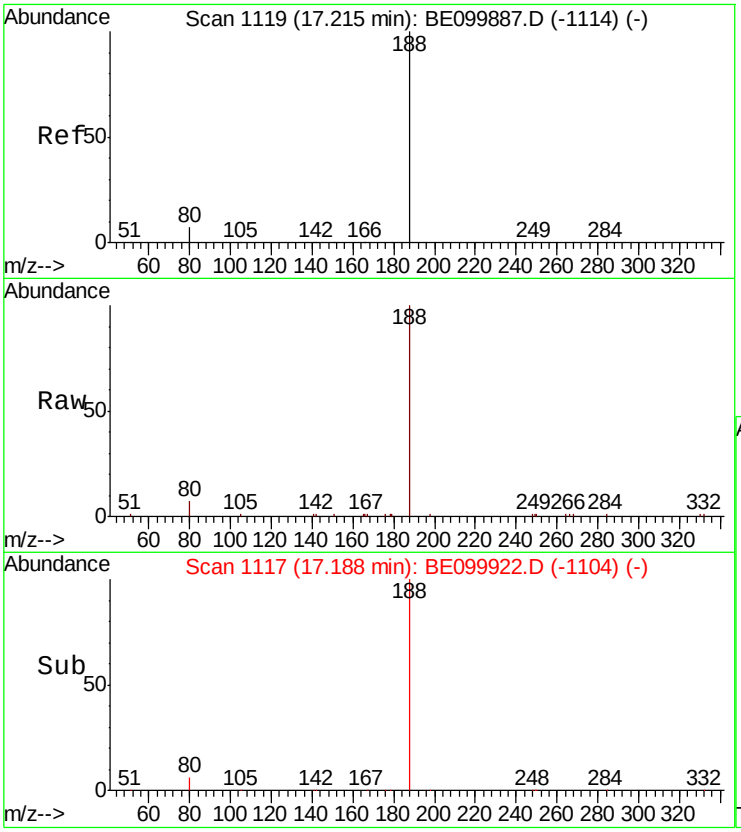


#18
Fluorene
Concen: 0.344 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:166 Resp: 3448

Ion	Ratio	Lower	Upper
166	100		
165	102.3	81.8	122.8
167	13.7	11.2	16.8



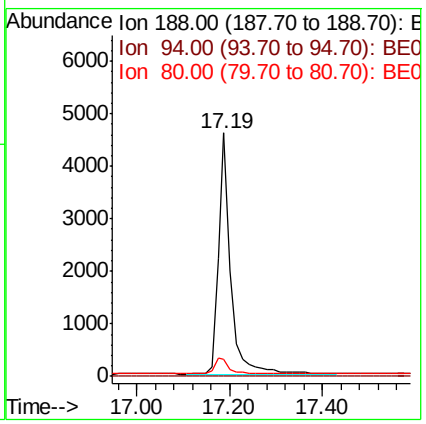


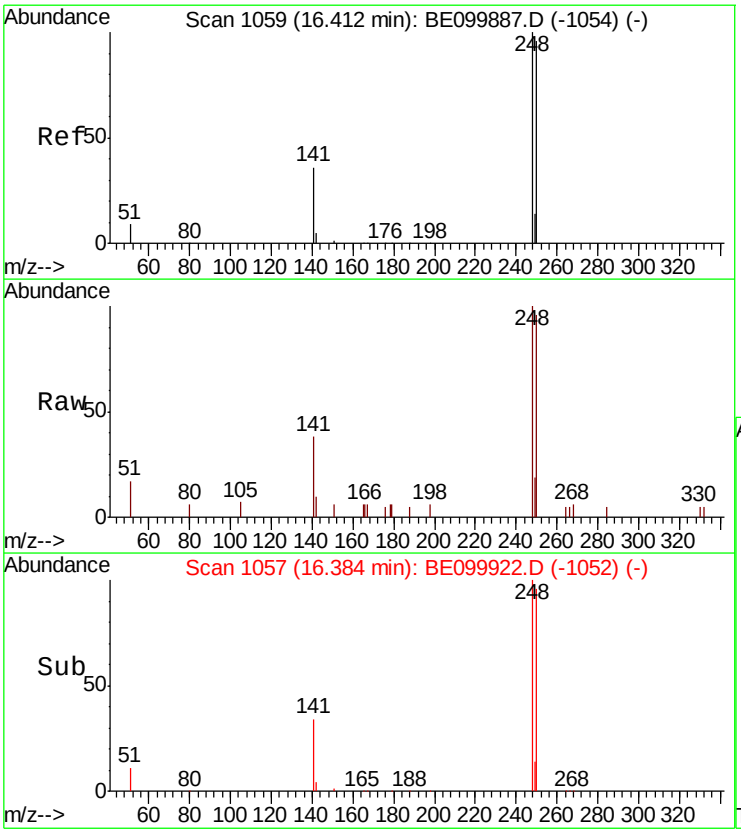
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:188 Resp: 8531

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	6.4	9.6

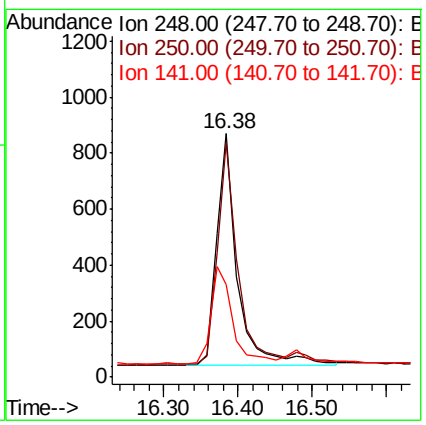


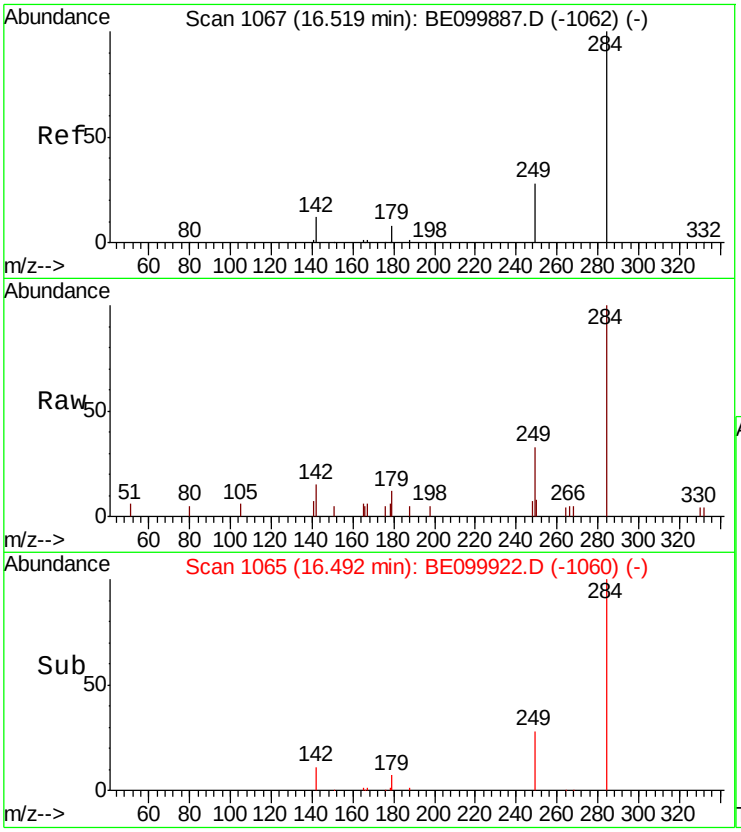


#20
4-Bromophenyl-phenylether
Concen: 0.334 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:248 Resp: 1612

Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.5	116.3
141	38.2	31.8	47.8



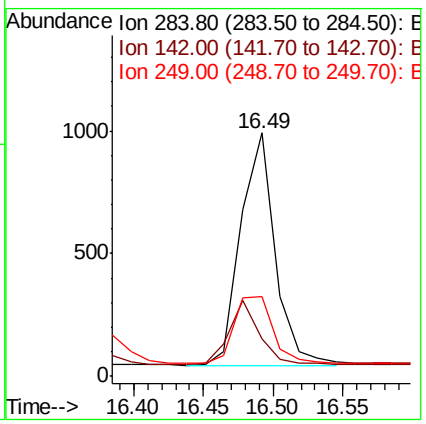


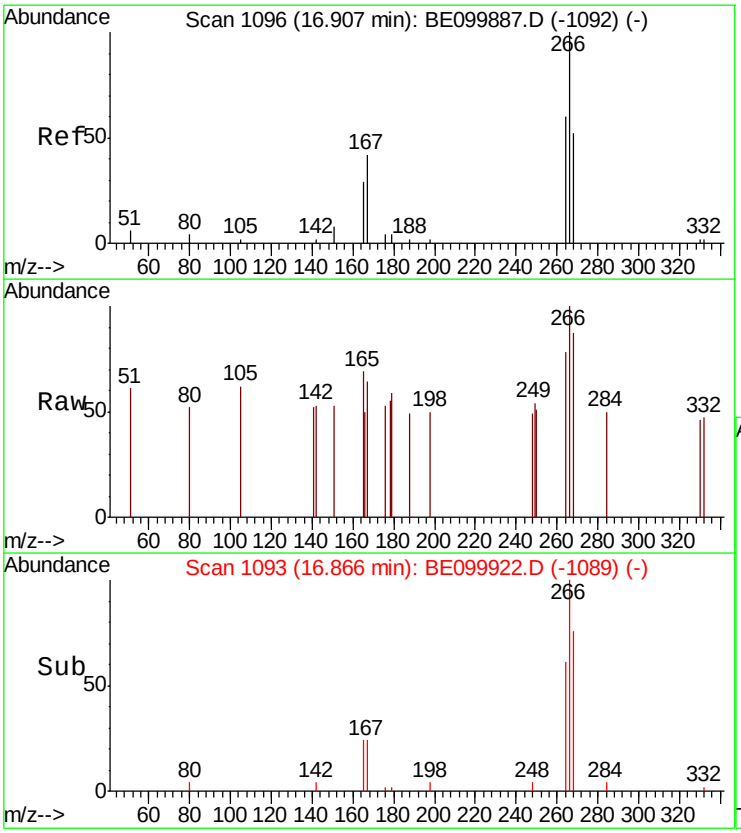
#21
Hexachlorobenzene
Concen: 0.328 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:284 Resp: 1619

Ion	Ratio	Lower	Upper
284	100		
142	23.5	18.2	27.4
249	31.6	24.6	37.0

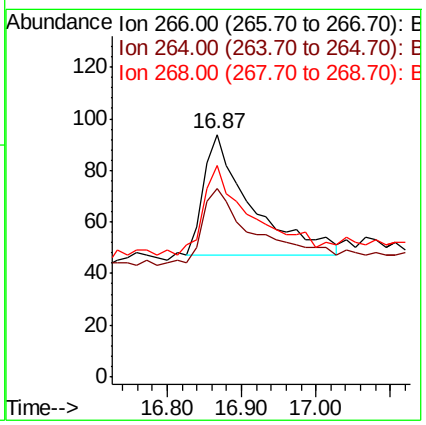


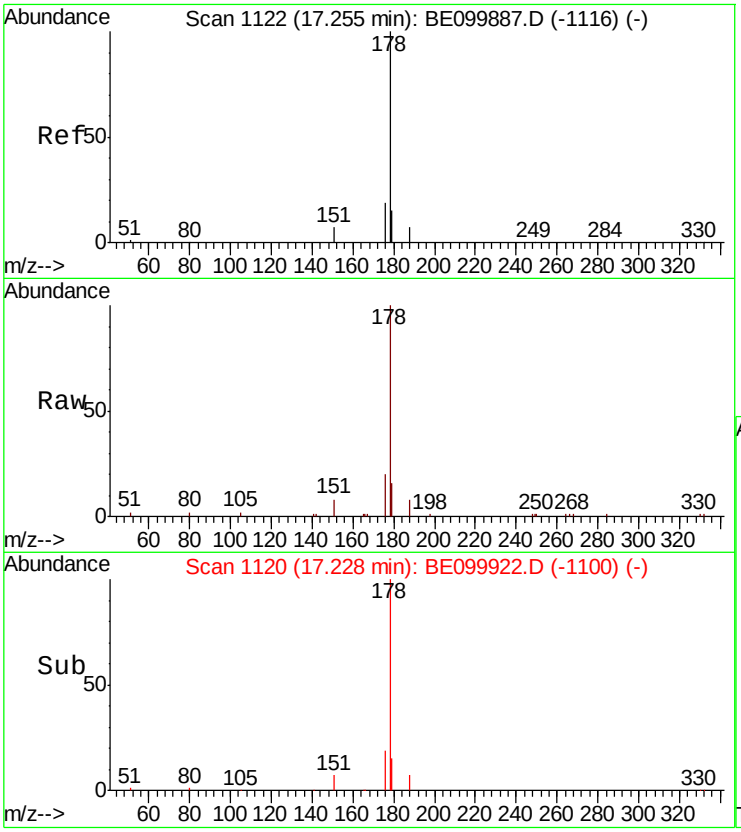


#22
Pentachlorophenol
Concen: 0.388 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:266 Resp: 210

Ion	Ratio	Lower	Upper
266	100		
264	77.7	62.2	93.2
268	87.2	65.5	98.3



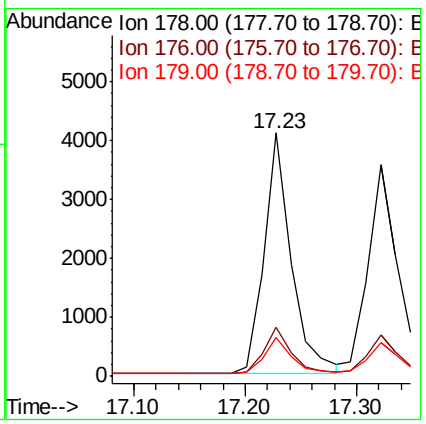


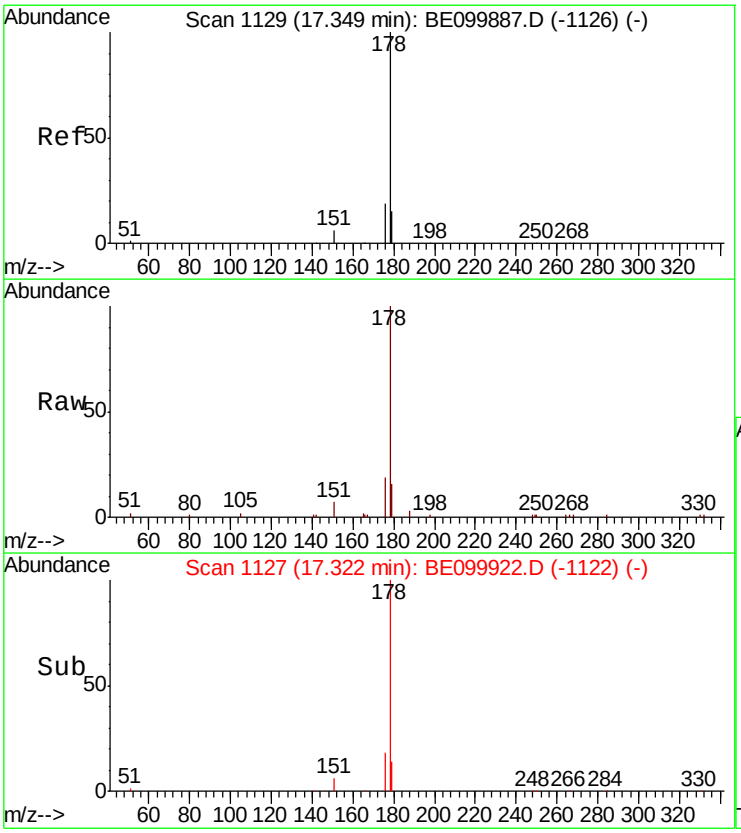
#23
Phenanthrene
Concen: 0.337 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:178 Resp: 6978

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.2	12.4	18.6

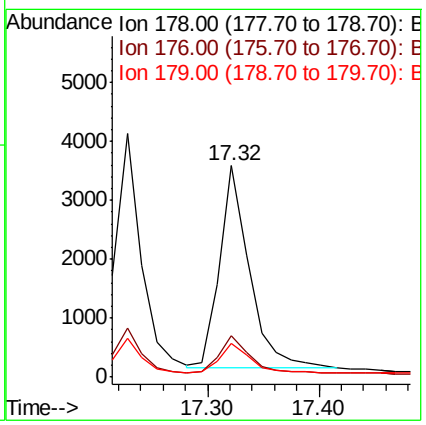


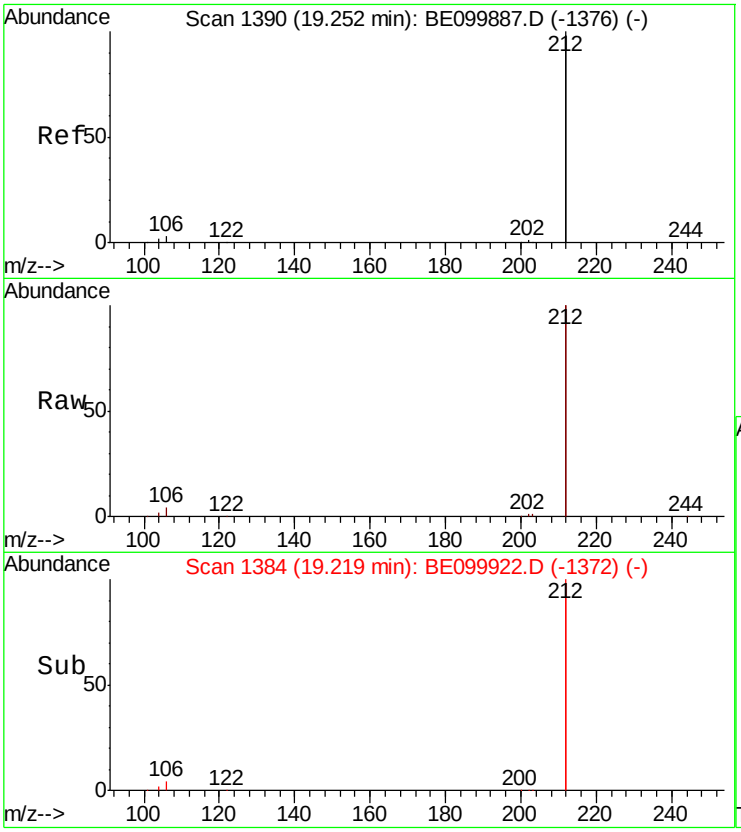


#24
Anthracene
Concen: 0.338 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:178 Resp: 6408

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	14.7	12.3	18.5



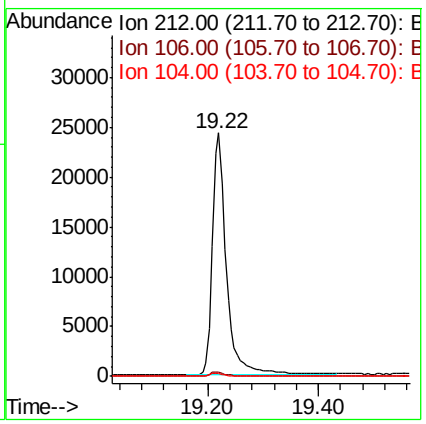


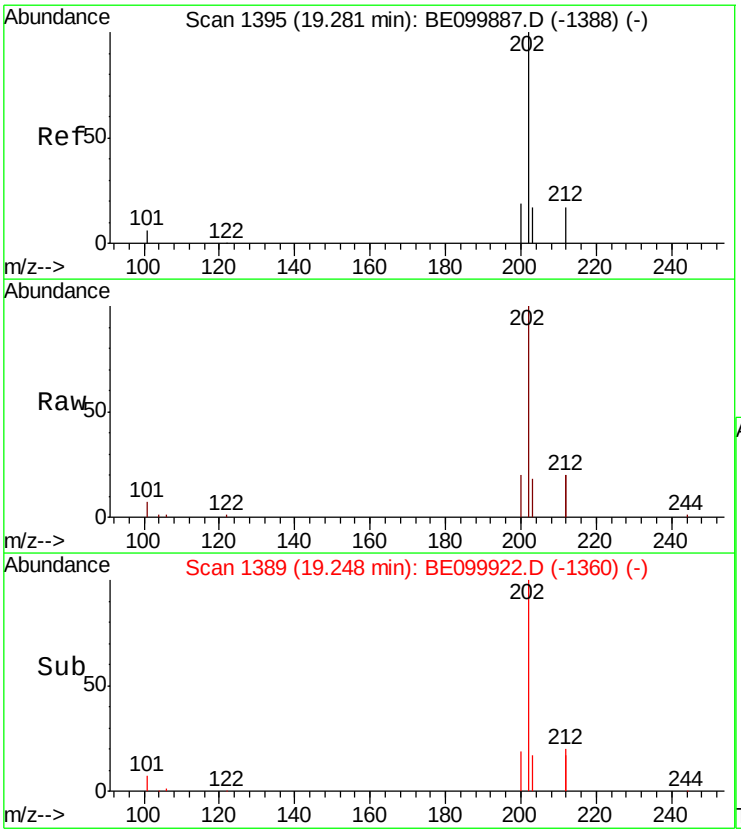
#25
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:212 Resp: 42327

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

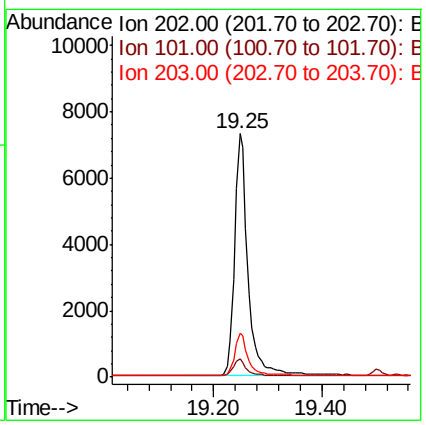


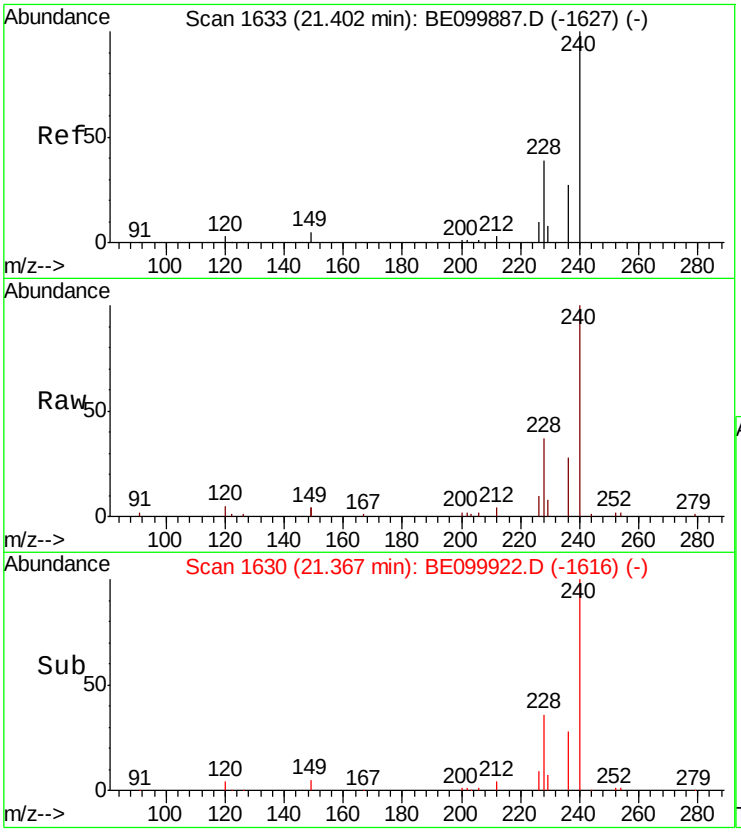


#26
Fluoranthene
Concen: 0.357 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:202 Resp: 12557

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.4	8.0
203	16.9	13.2	19.8



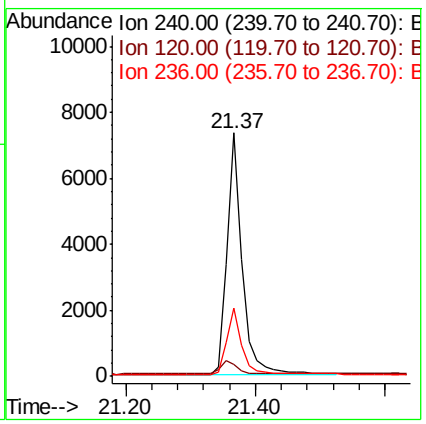


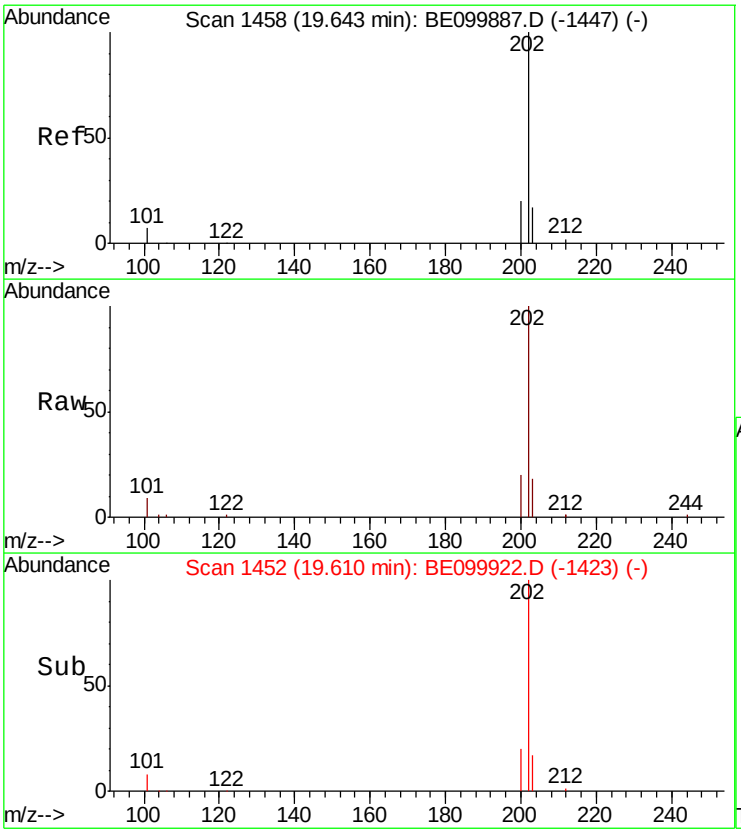
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:240 Resp: 12114

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.8	5.6
236	28.1	22.0	33.0

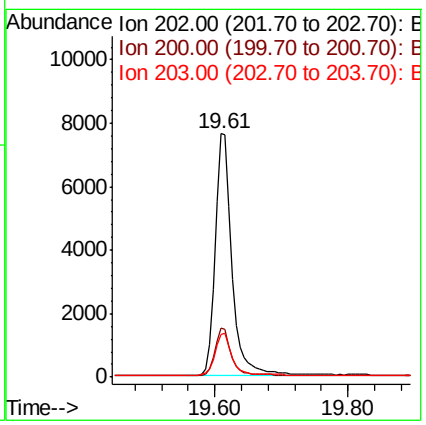


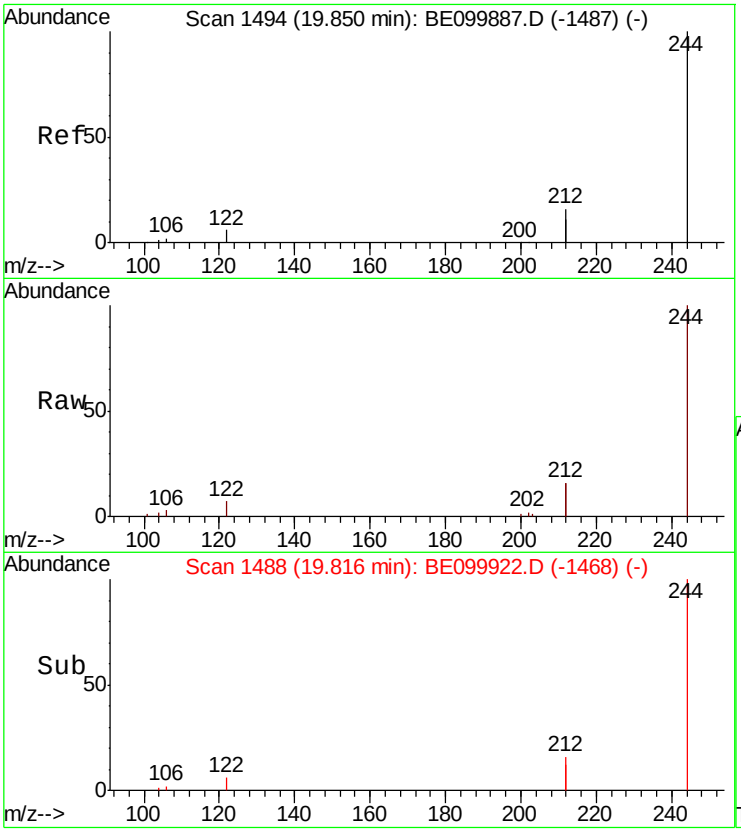


#28
Pyrene
Concen: 0.414 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:202 Resp: 13180

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.5	23.3
203	18.0	14.0	21.0



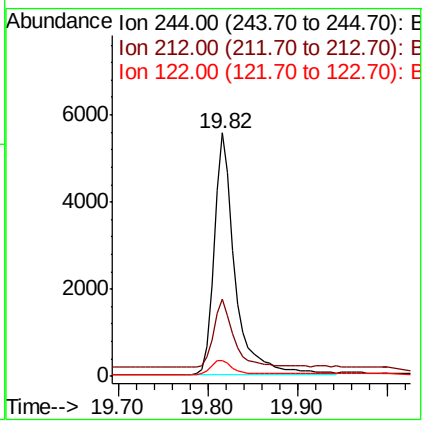


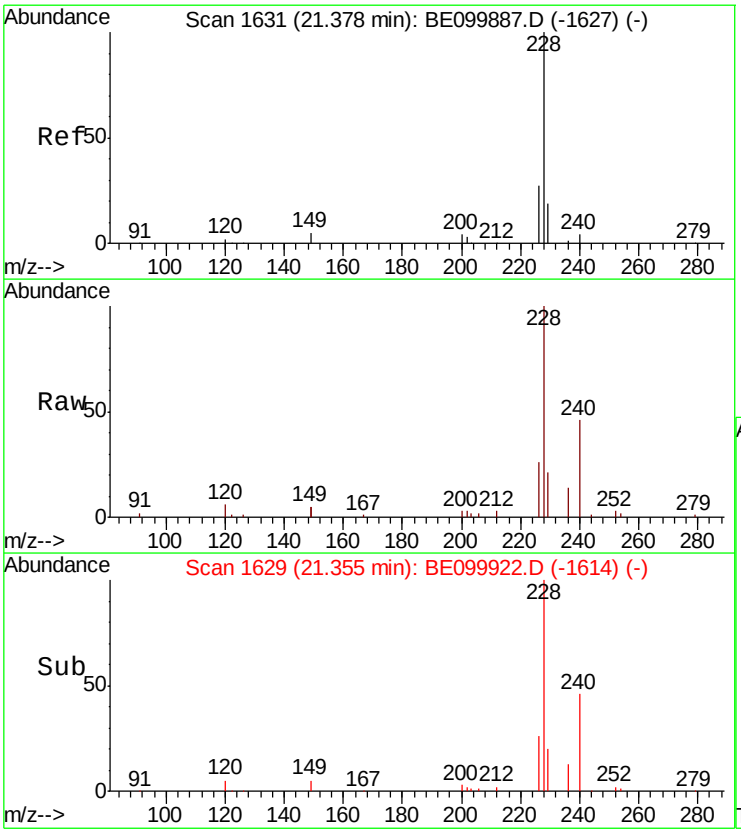
#29
Terphenyl-d14
Concen: 0.407 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:244 Resp: 8879

Ion	Ratio	Lower	Upper
244	100		
212	31.5	25.7	38.5
122	6.7	5.5	8.3

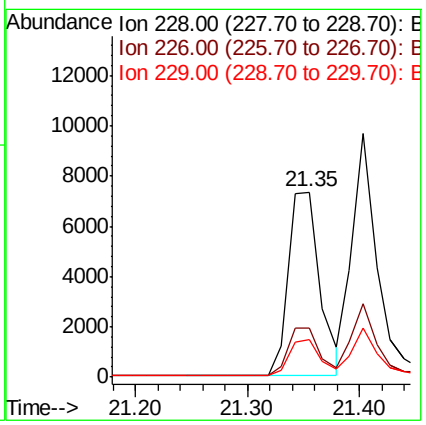


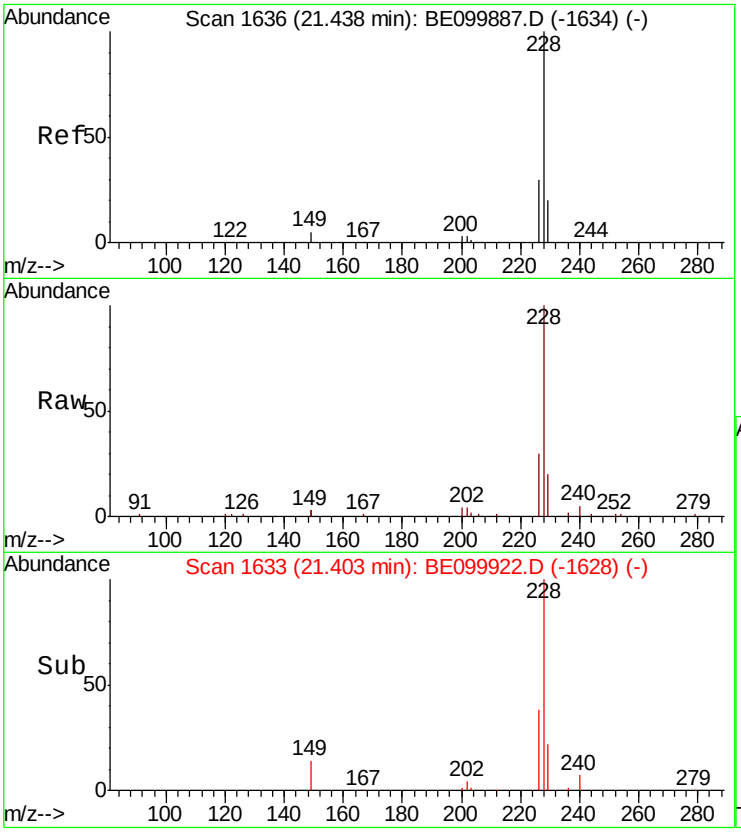


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.02 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:228 Resp: 14192

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.5	33.7
229	20.6	15.9	23.9



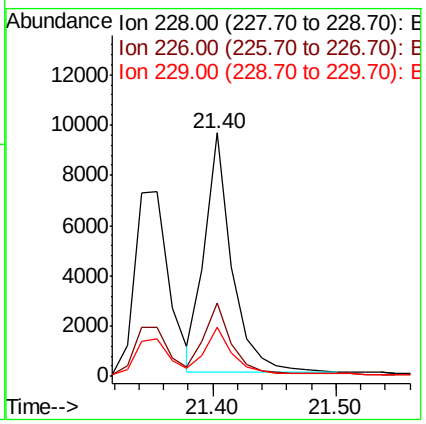


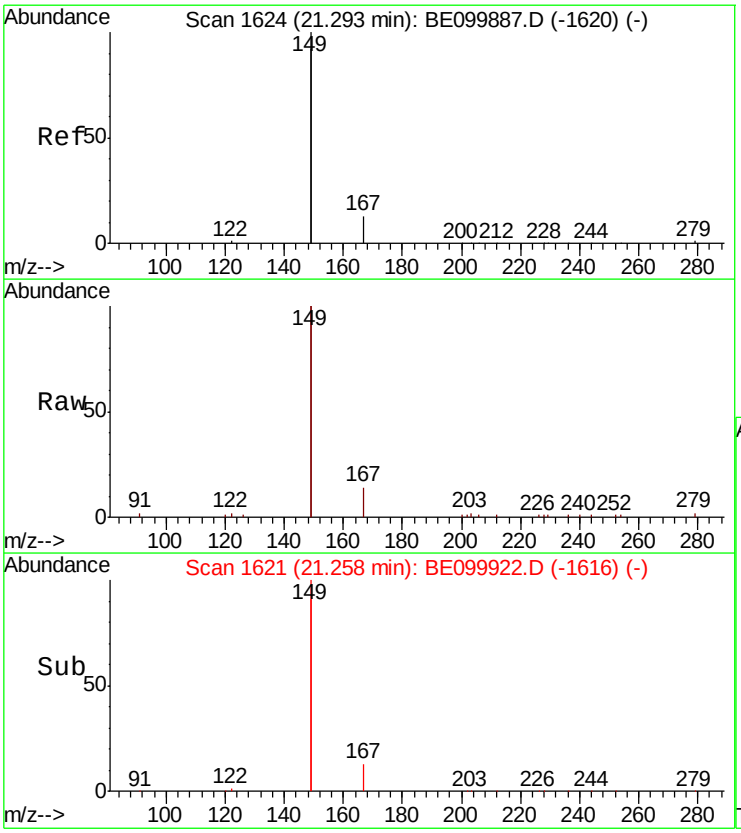
#31
Chrysene
Concen: 0.388 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.04 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:228 Resp: 14531

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.1	16.1	24.1

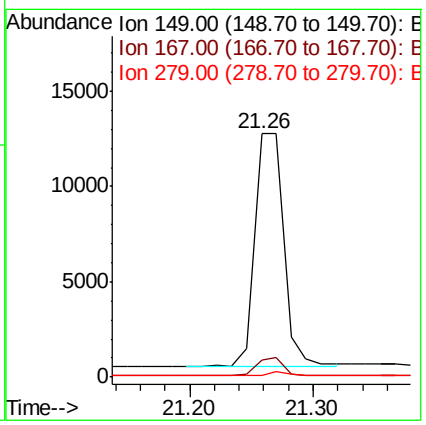


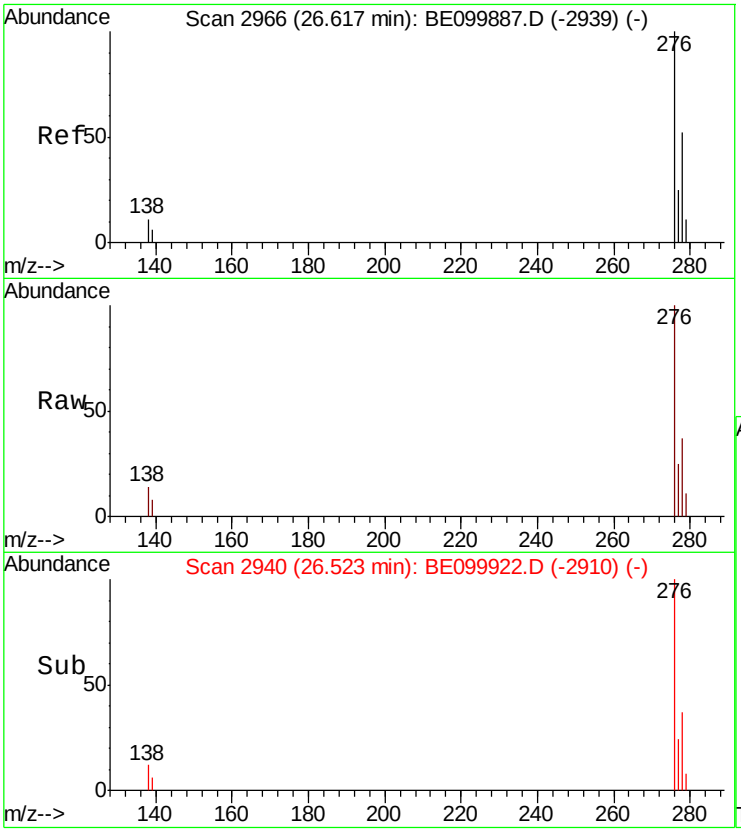


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.387 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:149 Resp: 20092

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.3	1.2	1.8



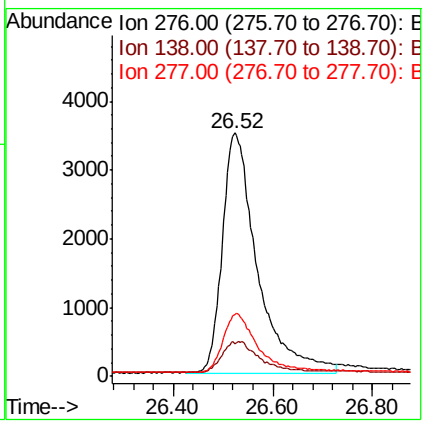


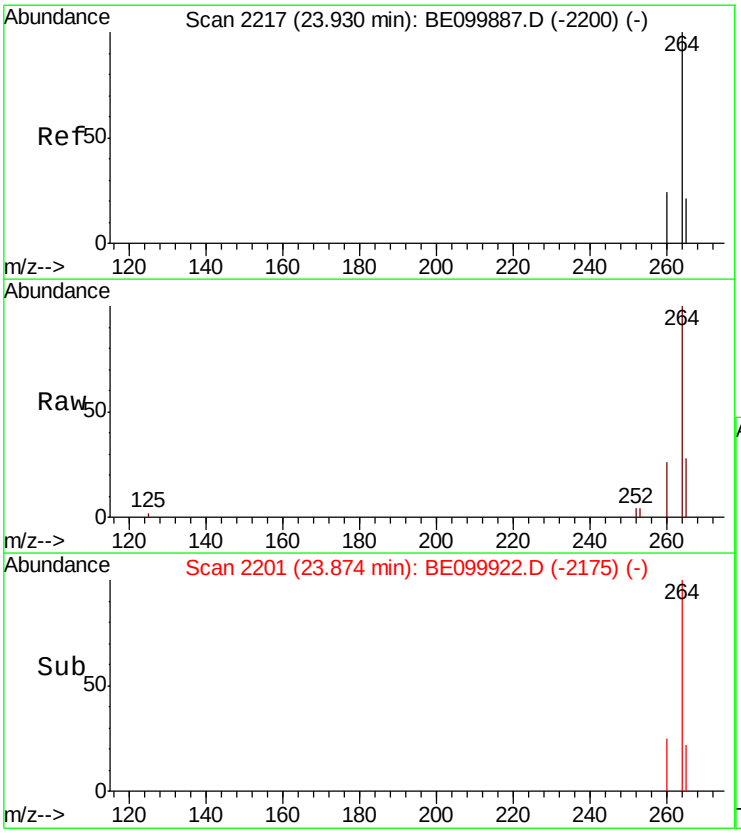
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng
RT: 26.52 min Scan# 2940
Delta R.T. -0.09 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:276 Resp: 17013

Ion	Ratio	Lower	Upper
276	100		
138	4.9	10.1	15.1#
277	24.2	19.1	28.7

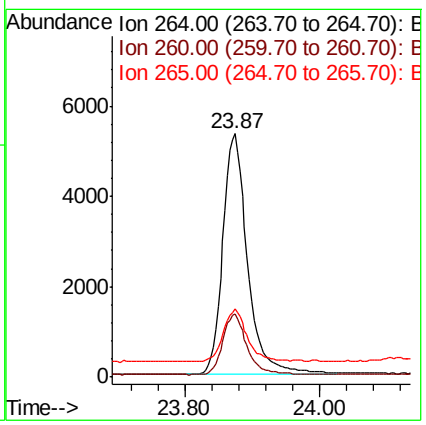


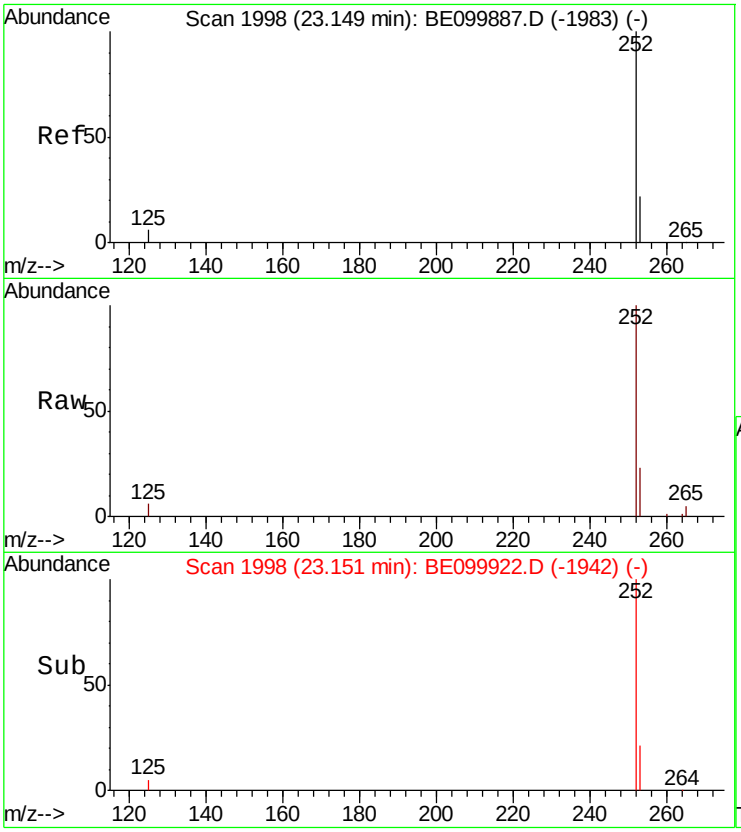


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2201
Delta R.T. -0.06 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:264 Resp: 13581

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.2	30.2
265	28.1	22.0	33.0



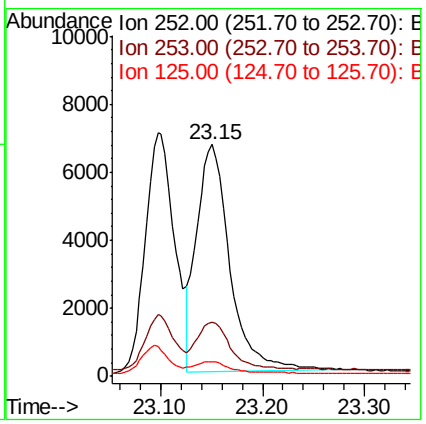


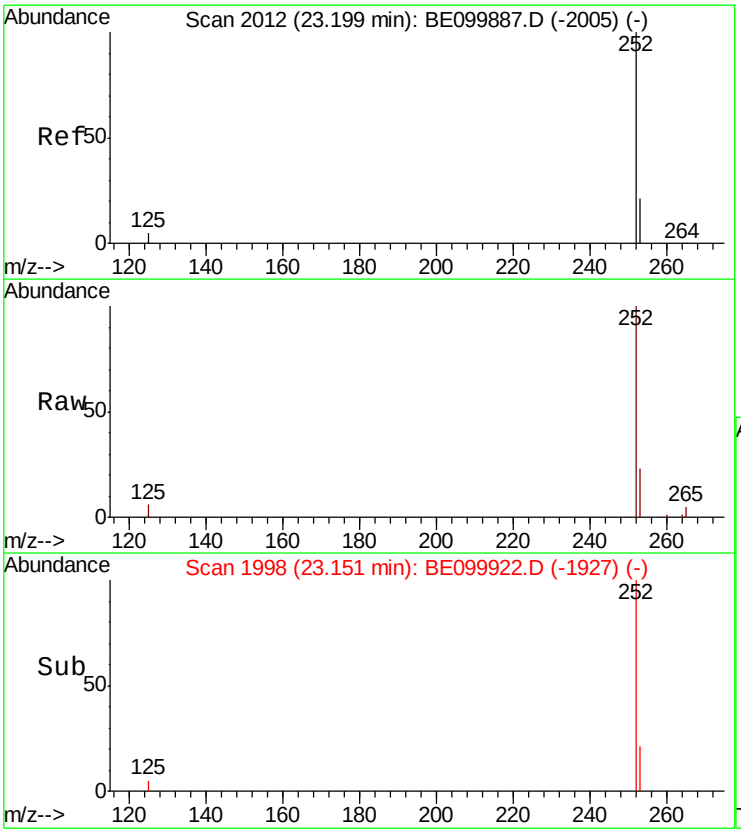
#35
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:252 Resp: 15009

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	6.5	5.7	8.5

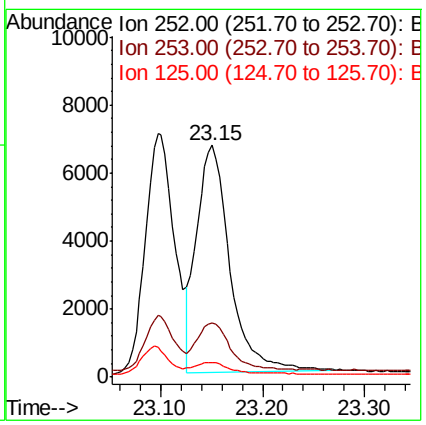


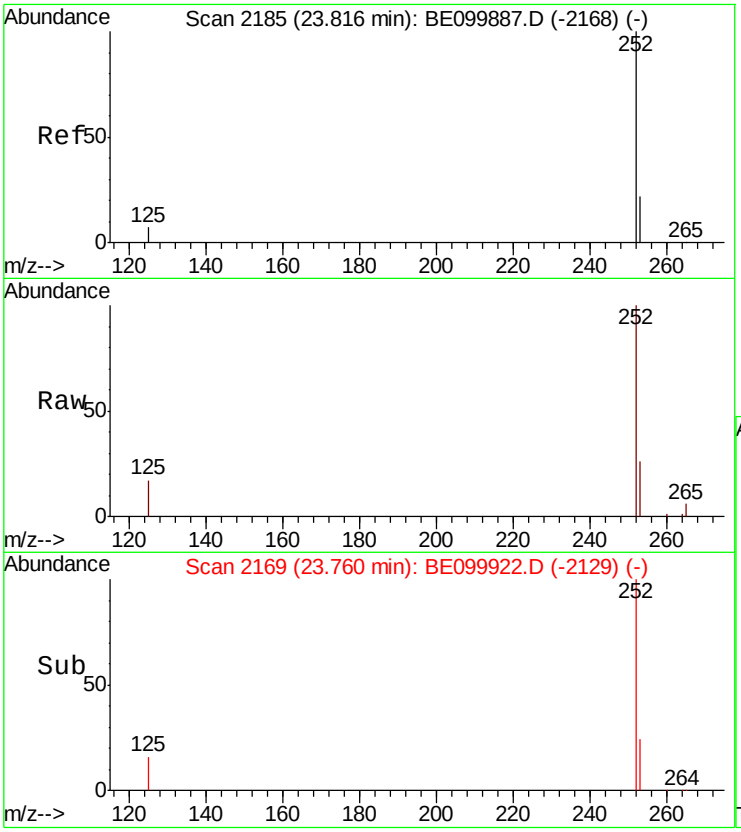


#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:252 Resp: 15009

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	28.0
125	6.5	5.4	8.0



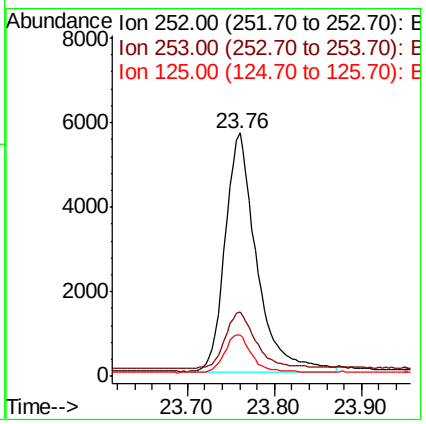


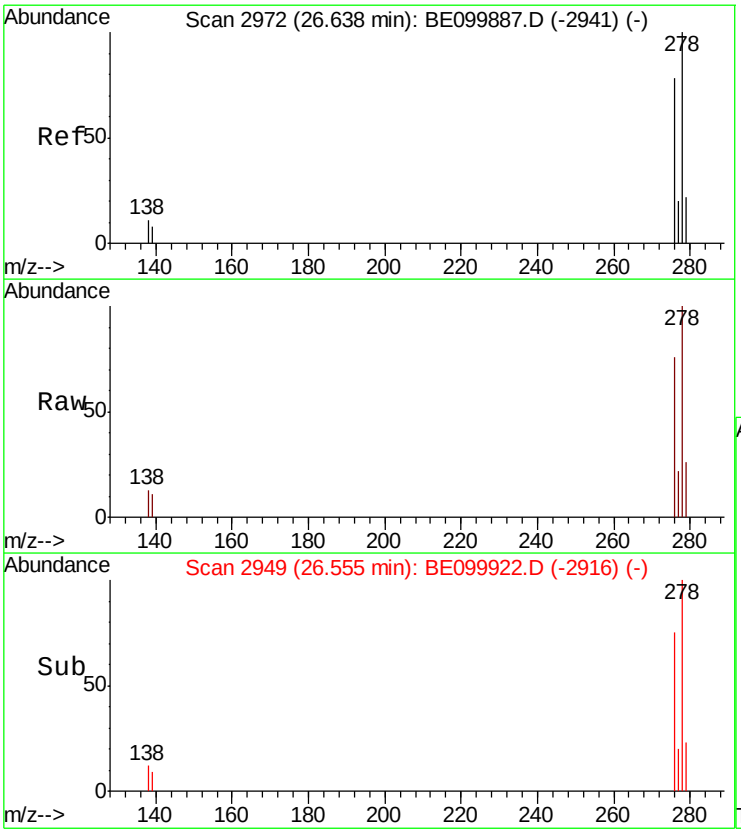
#37
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.76 min Scan# 2169
Delta R.T. -0.06 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:252 Resp: 14144

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.6	29.4
125	17.2	6.6	10.0#

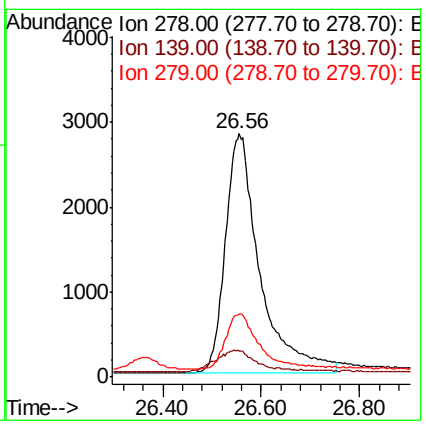


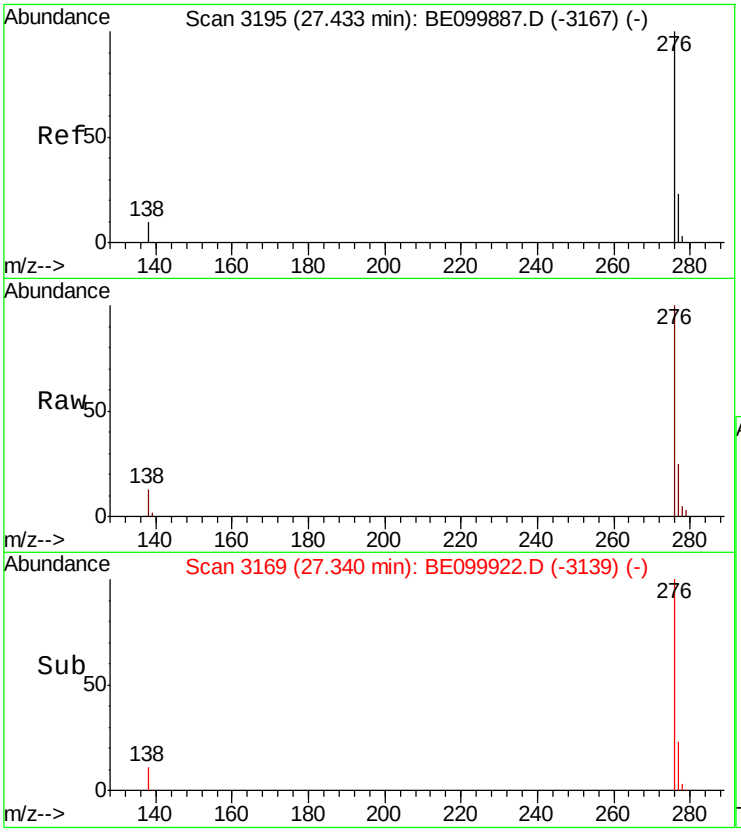


#38
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.08 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:278 Resp: 13669

Ion	Ratio	Lower	Upper
278	100		
139	10.9	7.8	11.8
279	26.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.375 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.09 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:276 Resp: 14615

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	13.0	9.5	14.3